

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112230.D
 Acq On : 25 Jan 2019 13:48
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:31:10 AM

Quant Time: Jan 25 15:39:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 15:22:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191163	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	750873	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	338846	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	554336	20.00	ng	0.00
76) Chrysene-d12	14.01	240	597554	20.00	ng	0.00
87) Perylene-d12	15.47	264	496147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	433161	41.13	ng	0.00
7) Phenol-d6	6.49	99	683547	51.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	651116	59.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	175476	48.00	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1302140	56.34	ng	0.00
79) Terphenyl-d14	12.95	244	1587003	56.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	88631	17.943	ng	93
3) Pyridine	3.37	79	202473	16.366	ng	98
4) n-Nitrosodimethylamine	3.30	42	87273	17.374	ng	92
6) Aniline	6.50	93	411534	25.677	ng	# 68
8) 2-Chlorophenol	6.63	128	321754	26.304	ng	96
9) Benzaldehyde	6.39	77	199943	26.805	ng	99
10) Phenol	6.50	94	374557	26.008	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	286292	25.002	ng	99
12) 1,3-Dichlorobenzene	6.79	146	365737	26.200	ng	99
13) 1,4-Dichlorobenzene	6.86	146	370742	25.964	ng	99
14) 1,2-Dichlorobenzene	7.02	146	349896	26.602	ng	97
15) Benzyl Alcohol	6.99	79	270965	27.600	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	360322	21.821	ng	74
17) 2-Methylphenol	7.10	107	248427	27.044	ng	97
18) Hexachloroethane	7.36	117	131987	27.695	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	222253	27.686	ng	98
20) 3+4-Methylphenols	7.26	107	323614	29.055	ng	# 67
22) Acetophenone	7.25	105	457222	26.284	ng	# 95
24) Nitrobenzene	7.43	77	322776	28.023	ng	96
25) Isophorone	7.66	82	518581	24.703	ng	99
26) 2-Nitrophenol	7.75	139	179173	32.950	ng	97
27) 2,4-Dimethylphenol	7.79	122	243579	24.997	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	358472	24.894	ng	97
29) 2,4-Dichlorophenol	7.99	162	278082	26.124	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	313246	25.357	ng	100
31) Naphthalene	8.15	128	898429	26.307	ng	98
32) Benzoic acid	7.90	122	121280m	30.254	ng	
33) 4-Chloroaniline	8.20	127	392012	25.541	ng	100
34) Hexachlorobutadiene	8.27	225	181961	26.469	ng	99
35) Caprolactam	8.56	113	93757	25.166	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	281962	27.121	ng	95
37) 2-Methylnaphthalene	8.84	142	584607	25.208	ng	98
38) 1-Methylnaphthalene	8.94	142	559531	25.105	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	304234	27.961	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	73742	20.681	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	184867	28.401	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	191506	27.624	nq	99
46) 1,1'-Biphenyl	9.30	154	792061	27.955	nq	99
47) 2-Chloronaphthalene	9.33	162	621958	28.043	nq	99
48) 2-Nitroaniline	9.43	65	166361	33.302	nq	95
49) Acenaphthylene	9.75	152	909886	28.114	nq	97
50) Dimethylphthalate	9.60	163	683186	27.647	nq	99
51) 2,6-Dinitrotoluene	9.67	165	158295	32.076	nq	98
52) Acenaphthene	9.92	154	501786	25.340	nq	98
53) 3-Nitroaniline	9.83	138	163629	29.651	nq	89
54) 2,4-Dinitrophenol	9.95	184	41754	39.696	nq	95
55) Dibenzofuran	10.09	168	782634	26.135	nq	94
56) 4-Nitrophenol	10.02	139	78502	22.887	nq	94
57) 2,4-Dinitrotoluene	10.07	165	187789	31.934	nq	97
58) Fluorene	10.43	166	572641	25.594	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	126360	24.154	nq	92
60) Diethylphthalate	10.30	149	642430	26.633	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	316028	26.176	nq	97
62) 4-Nitroaniline	10.45	138	152371	27.806	nq	95
63) Azobenzene	10.58	77	513234	22.218	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	79253	40.322	nq	95
66) n-Nitrosodiphenylamine	10.54	169	479600	26.171	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	166583	25.872	nq	97
68) Hexachlorobenzene	10.99	284	178907	25.794	nq	97
69) Atrazine	11.06	200	161587	27.325	nq	97
70) Pentachlorophenol	11.18	266	64162	22.370	nq	98
71) Phenanthrene	11.39	178	749293	26.859	nq	98
72) Anthracene	11.44	178	761831	26.958	nq	99
73) Carbazole	11.60	167	750153	26.498	nq	98
74) Di-n-butylphthalate	11.92	149	1083306	34.019	nq	99
75) Fluoranthene	12.58	202	1016723	34.518	nq	99
77) Benzidine	12.70	184	414963	20.813	nq	97
78) Pyrene	12.81	202	1043021	26.456	nq	99
80) Butylbenzylphthalate	13.42	149	498387	28.816	nq	93
81) Benzo(a)anthracene	14.00	228	885885	25.856	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	348872	27.190	nq	99
83) Chrysene	14.04	228	851258	26.258	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	699299	28.212	nq	# 97
85) Di-n-octyl phthalate	14.59	149	1075579	28.163	nq	97
86) Indeno(1,2,3-cd)pyrene	16.95	276	626907	20.960	nq	97
88) Benzo(b)fluoranthene	15.04	252	717967	25.493	nq	99
89) Benzo(k)fluoranthene	15.07	252	760614	27.904	nq	99
90) Benzo(a)pyrene	15.41	252	671938	26.016	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	525357	22.902	nq	100
92) Benzo(g,h,i)perylene	17.39	276	489386	21.655	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

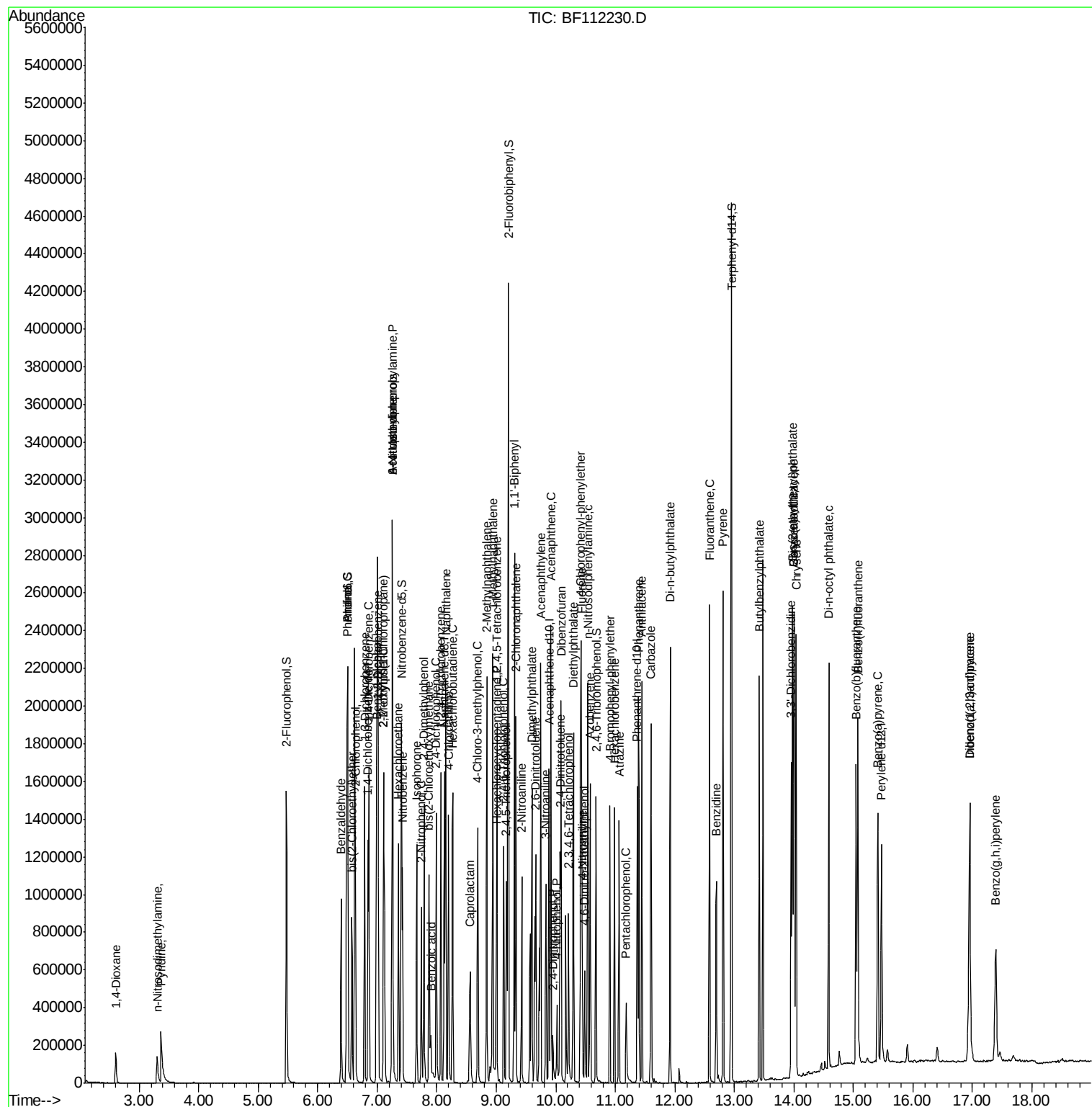
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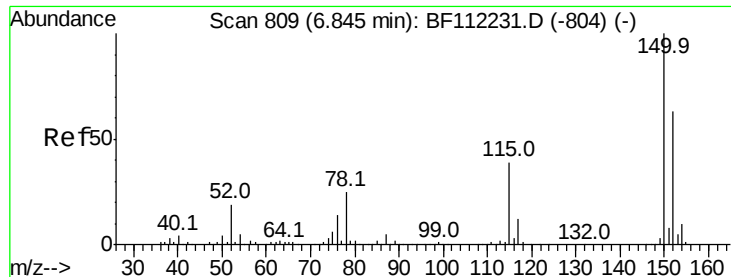
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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#1

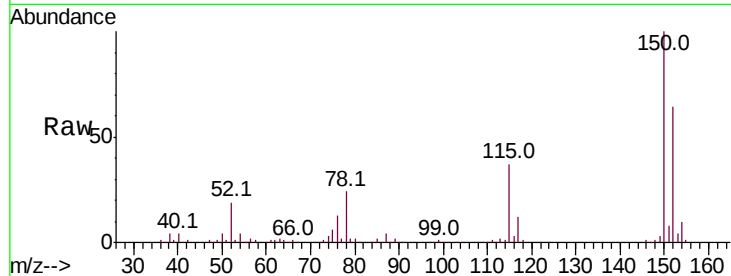
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	58.0	45.5	68.3

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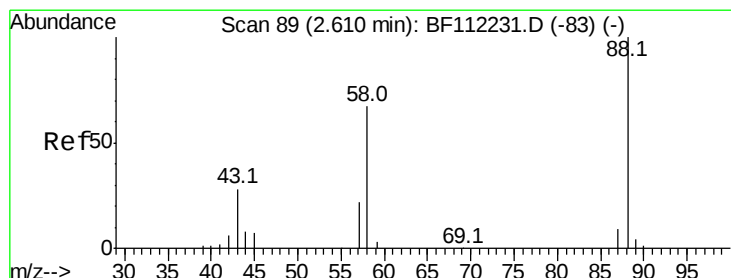
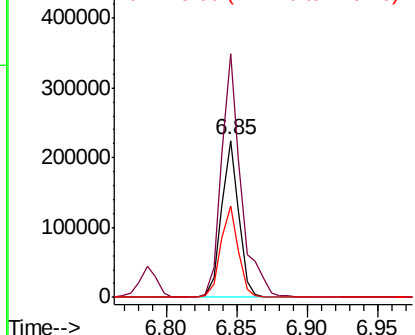
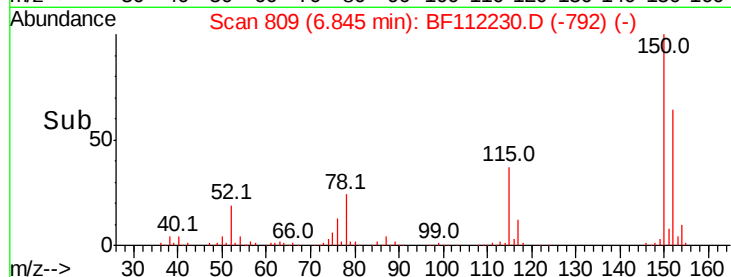


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

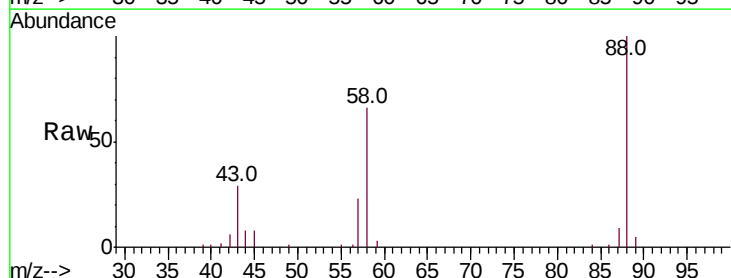
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.943 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	57.4	86.2
43	30.0	22.2	33.4

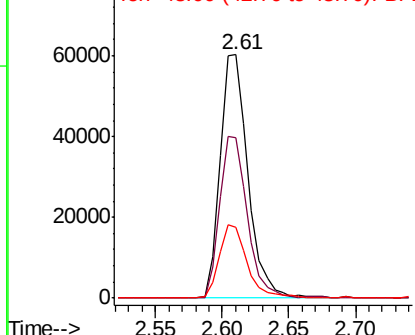
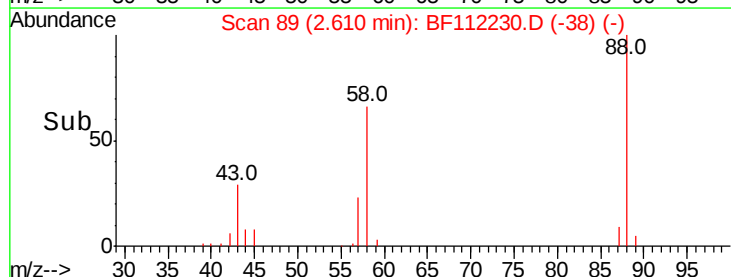


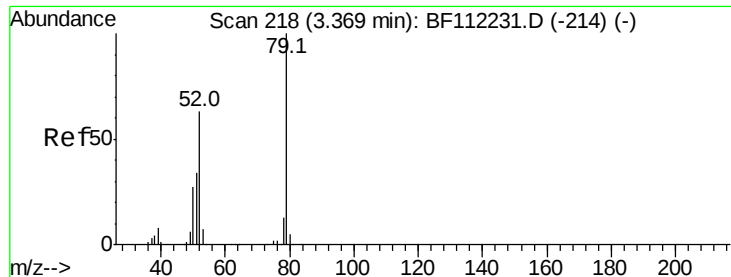
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 16.366 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

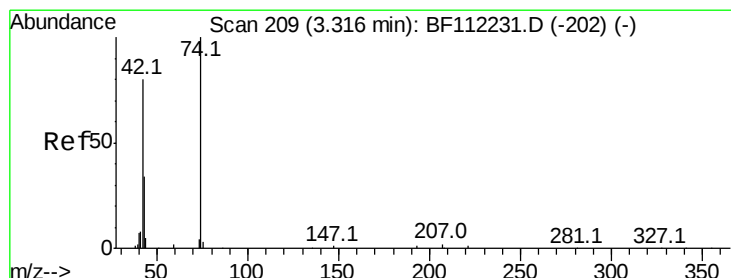
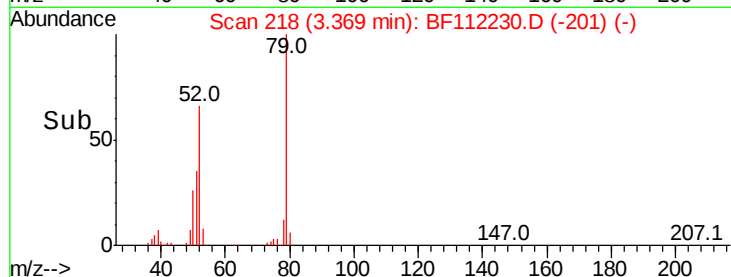
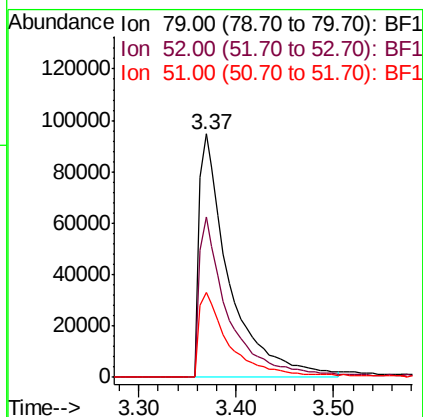
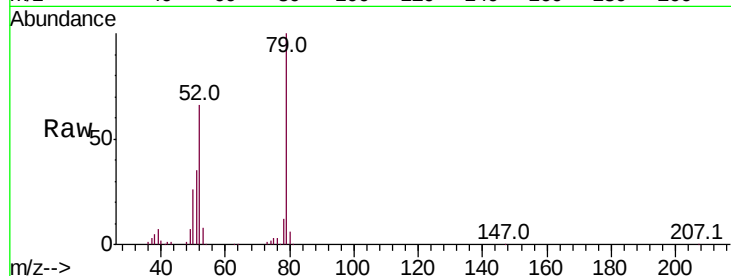
ClientSampleId :

SSTDIC025

Tot Ion:	79	Resp:	202473
Ion Ratio	Lower	Upper	
79	100		
52	65.7	52.4	78.6
51	35.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 17.374 ng

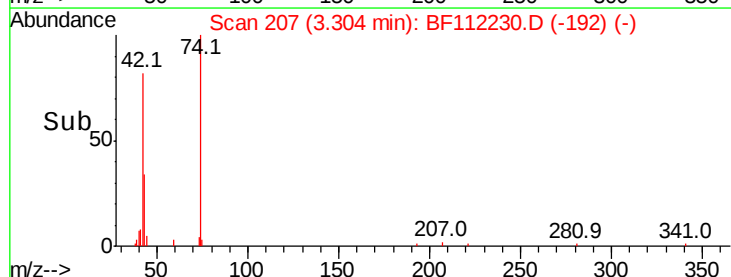
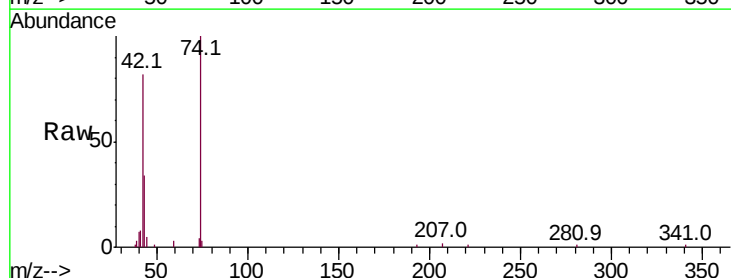
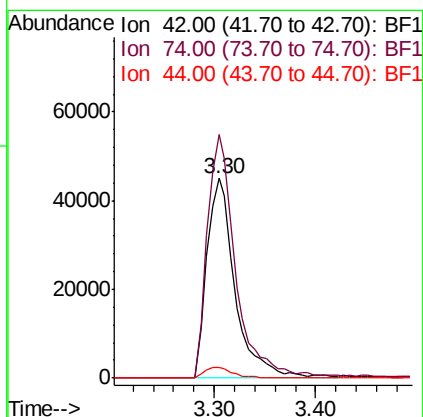
RT: 3.30 min Scan# 207

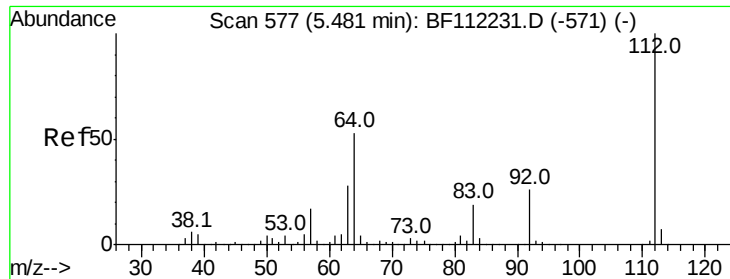
Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	42	Resp:	87273
Ion Ratio	Lower	Upper	
42	100		
74	121.8	105.6	158.4
44	5.5	5.4	8.2





#5

2-Fluorophenol

Concen: 41.127 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

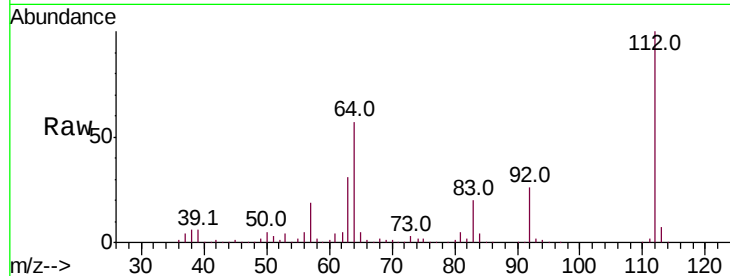
ClientSampleId :

SSTDICC025

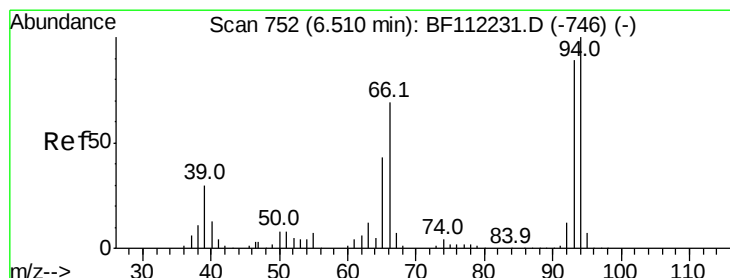
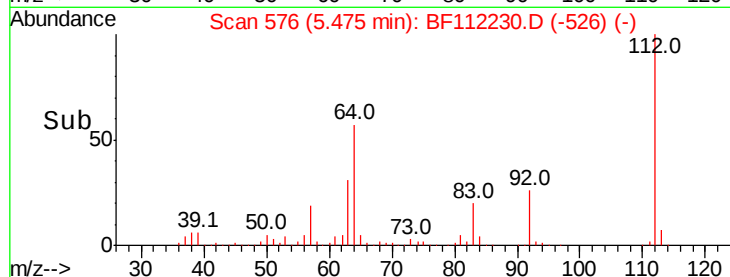
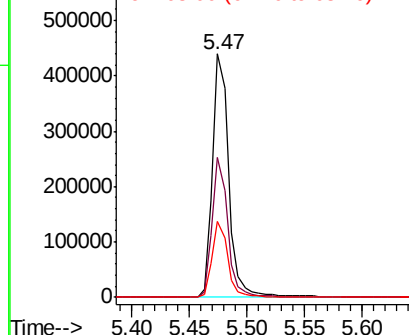
Tot Ion:	112	Resp:	433161
Ion Ratio	Lower	Upper	
112	100		
64	57.4	45.7	68.5
63	31.3	23.6	35.4

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.677 ng

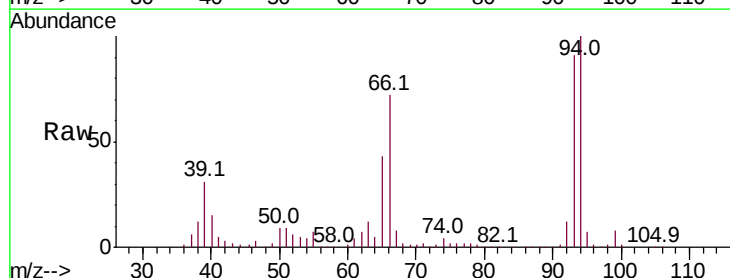
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

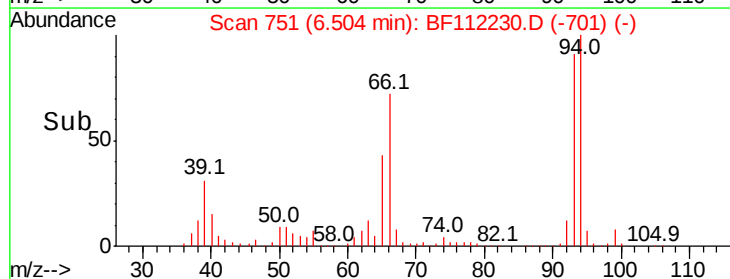
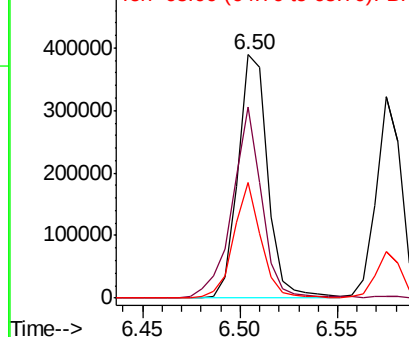
Lab File: BF112230.D

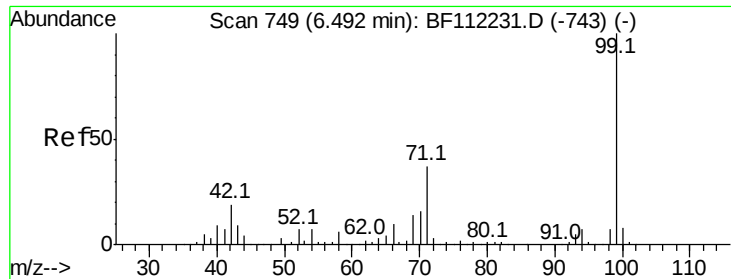
Acq: 25 Jan 2019 13:48

Tgt Ion:	93	Resp:	411534
Ion Ratio	Lower	Upper	
93	100		
66	78.7	43.4	65.2#
65	47.6	25.3	37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.873 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

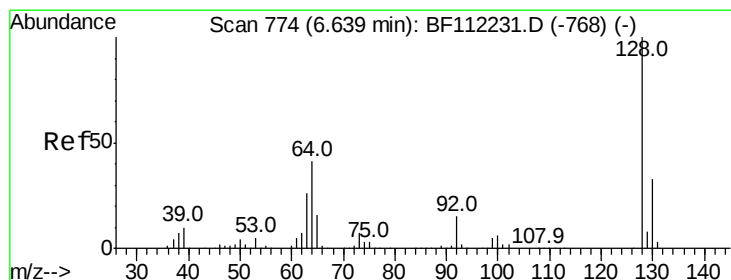
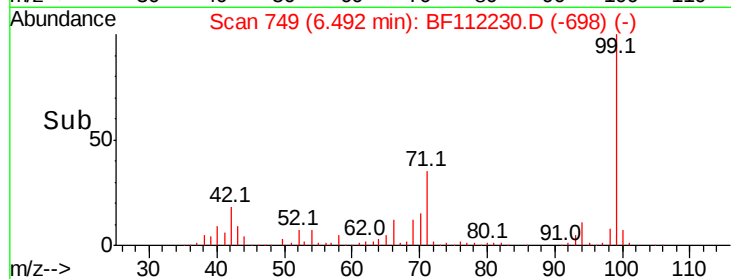
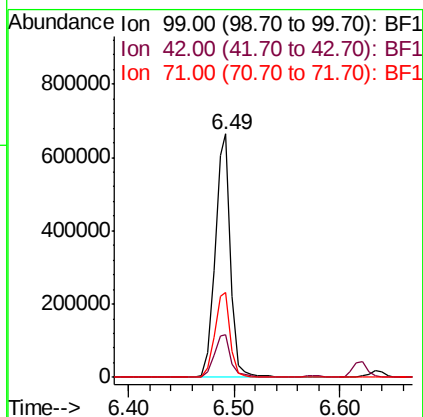
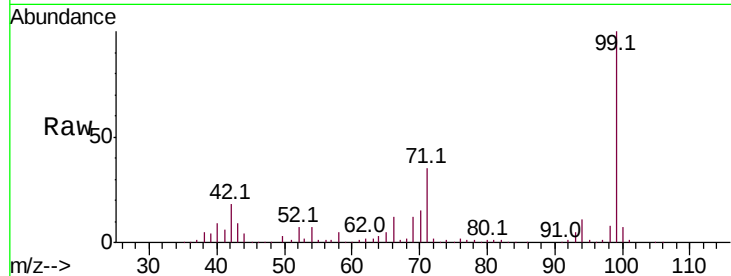
ClientSampleId :

SSTDIC025

Tot Ion:	99	Resp:	683547
Ion Ratio	Lower	Upper	
99	100		
42	17.6	15.1	22.7
71	35.0	26.9	40.3

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#8

2-Chlorophenol

Concen: 26.304 ng

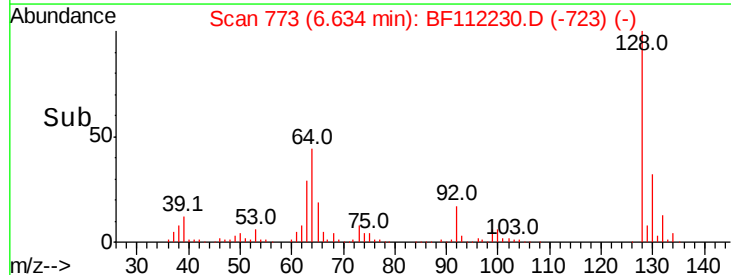
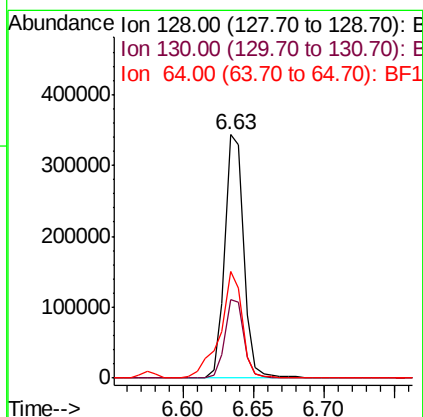
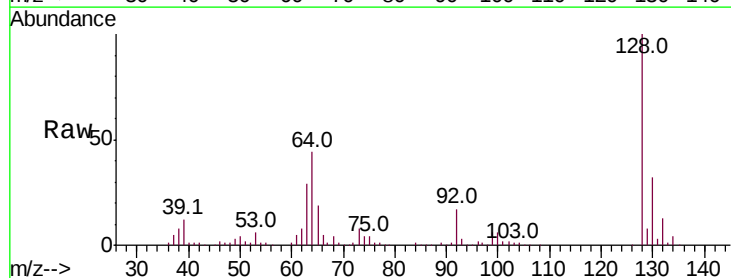
RT: 6.63 min Scan# 773

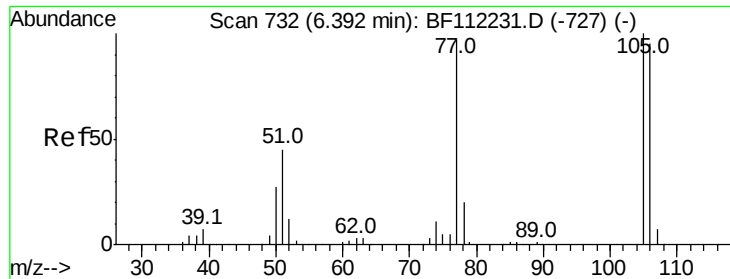
Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	128	Resp:	321754
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.4	53.4
64	43.8	20.5	60.5





#9

Benzaldehyde

Concen: 26.805 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

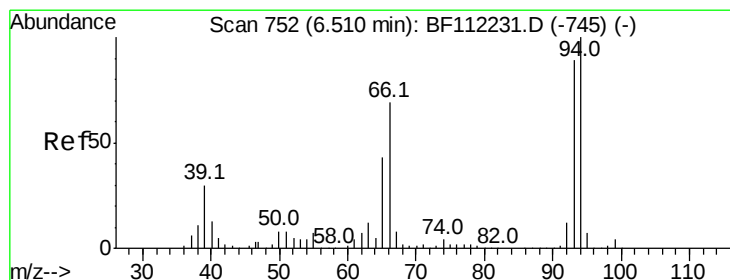
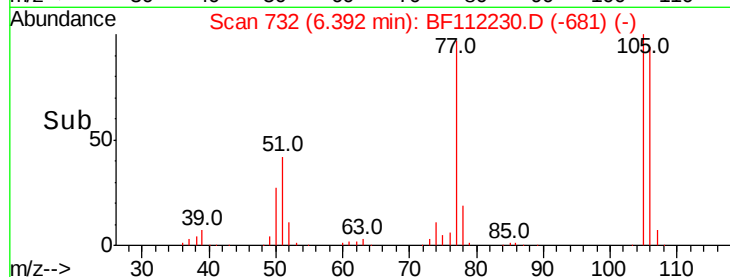
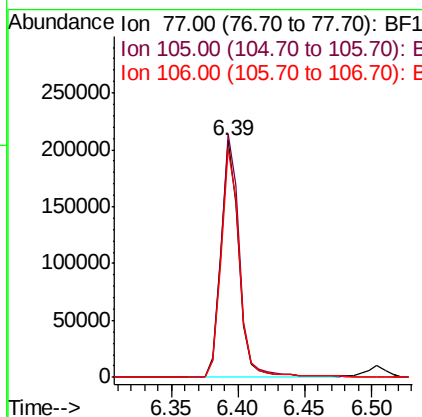
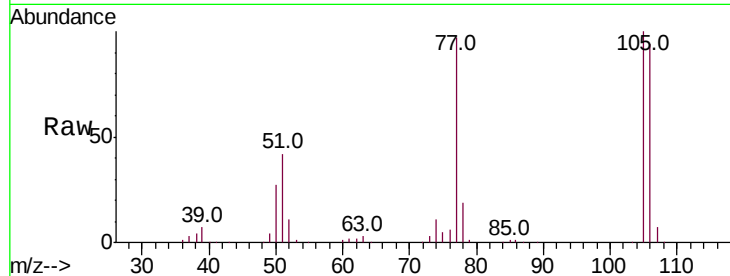
ClientSampled :

SSTDIC025

Tot Ion:	77	Resp:	199943
Ion	Ratio	Lower	Upper
77	100		
105	102.9	80.8	120.8
106	96.5	75.7	115.7

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#10

Phenol

Concen: 26.008 ng

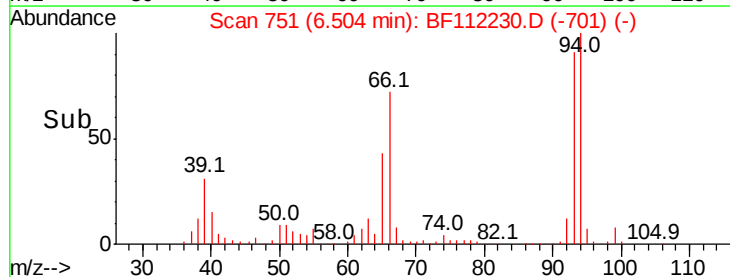
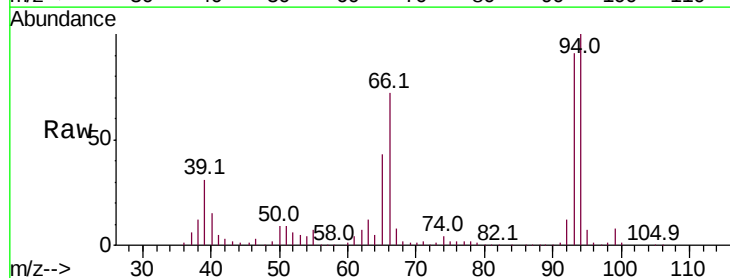
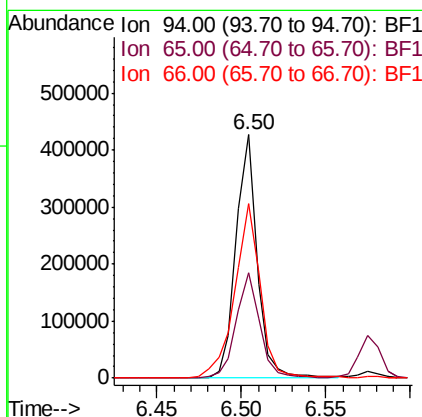
RT: 6.50 min Scan# 751

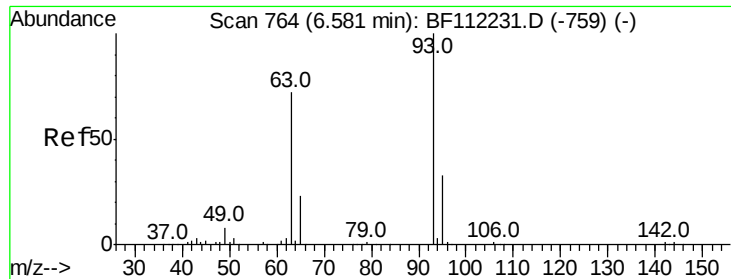
Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	94	Resp:	374557
Ion	Ratio	Lower	Upper
94	100		
65	43.4	20.3	60.3
66	71.7	42.4	82.4





#11

bis(2-Chloroethyl)ether

Concen: 25.002 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

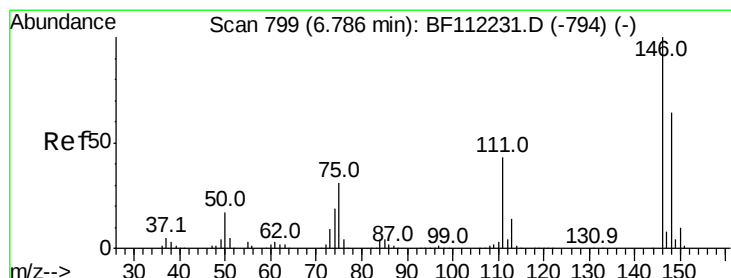
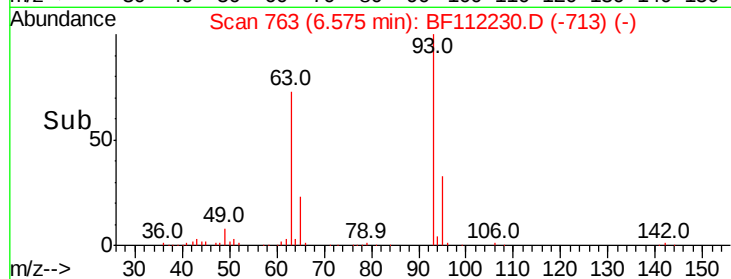
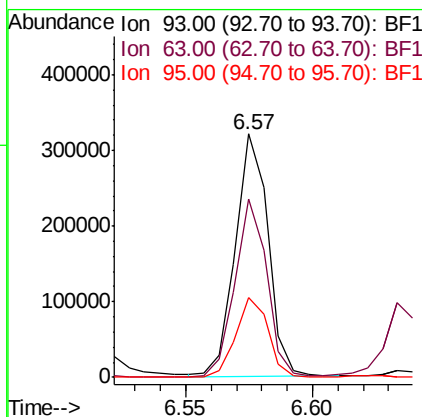
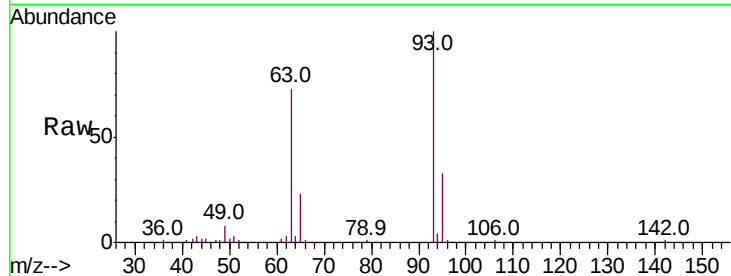
ClientSampleId :

SSTDIC025

Tot Ion:	93	Resp:	286292
Ion Ratio	Lower	Upper	
93	100		
63	73.0	53.3	93.3
95	32.6	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 26.200 ng

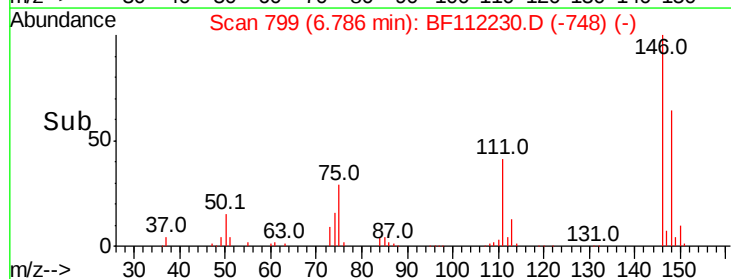
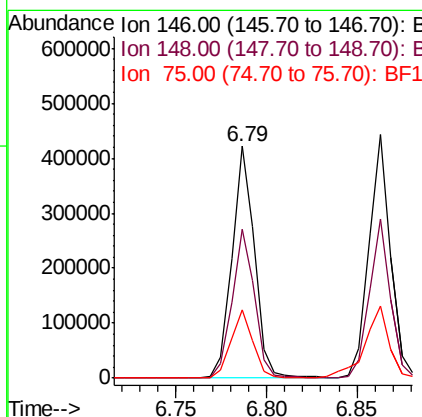
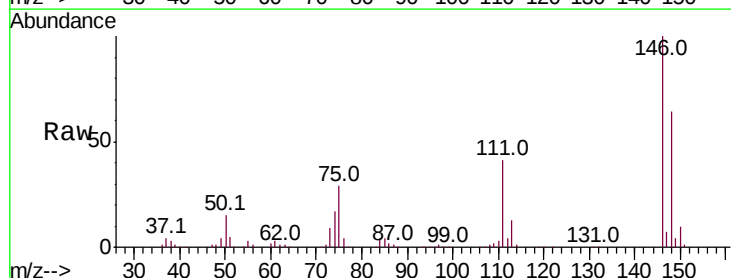
RT: 6.79 min Scan# 799

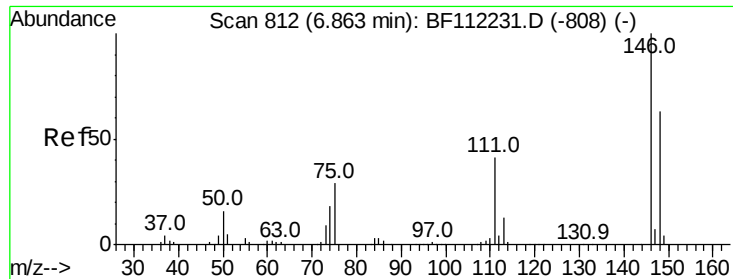
Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	146	Resp:	365737
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	29.2	23.1	34.7





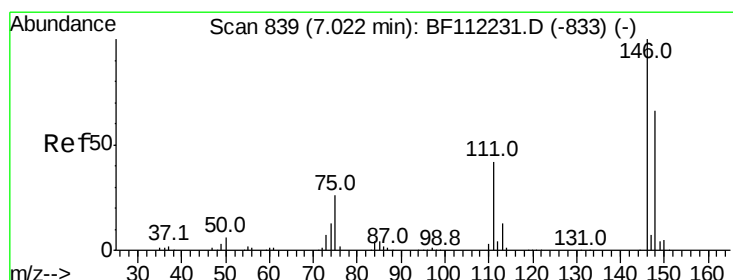
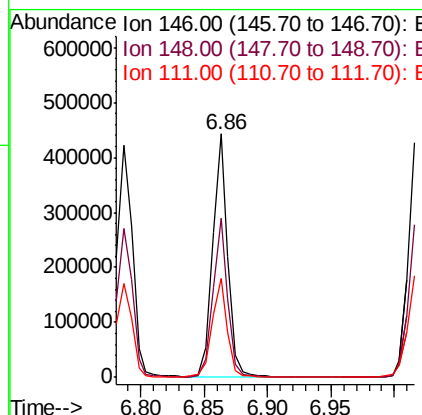
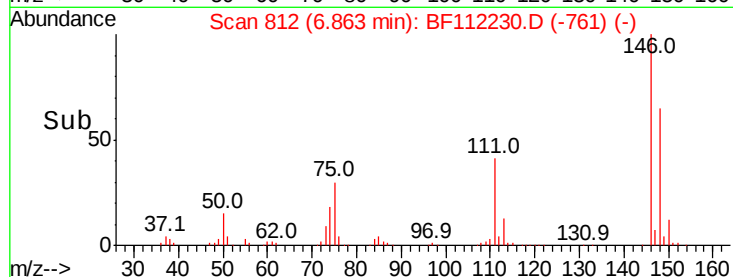
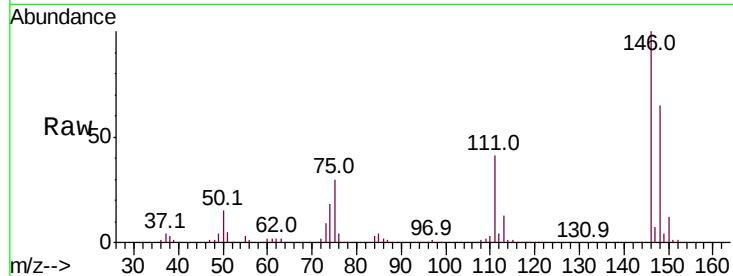
#13
 1,4-Dichlorobenzene
 Concen: 25.964 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	40.9	31.2	46.8

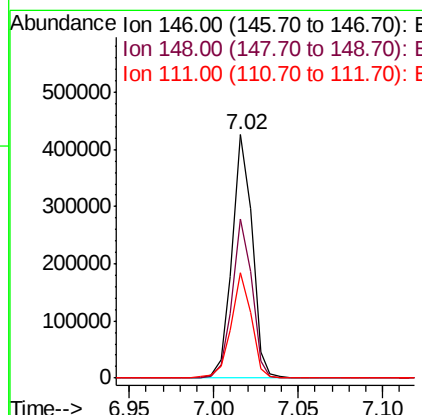
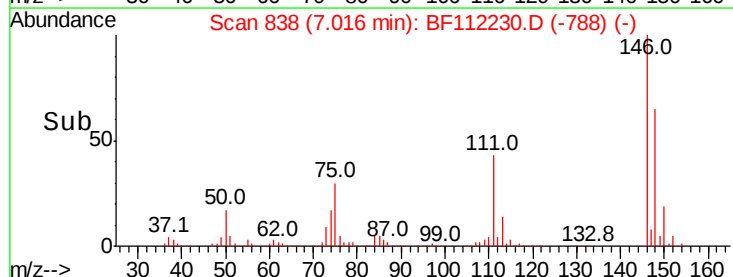
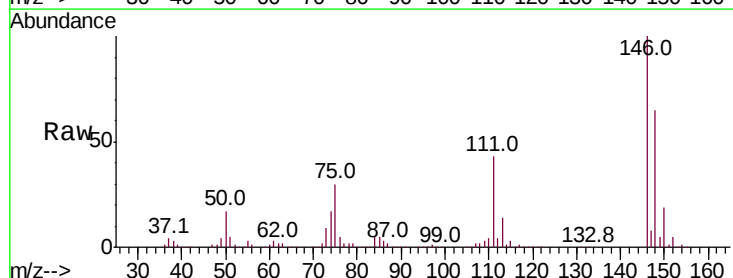
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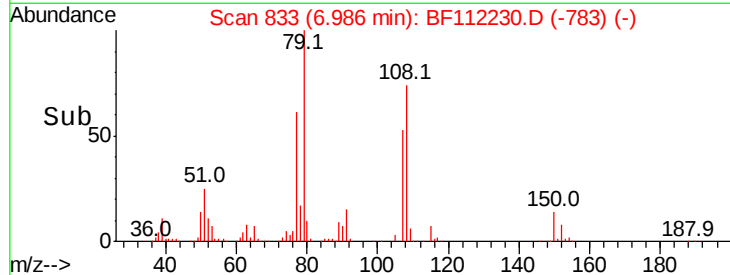
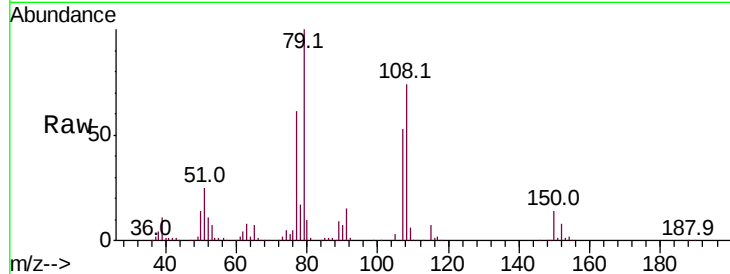
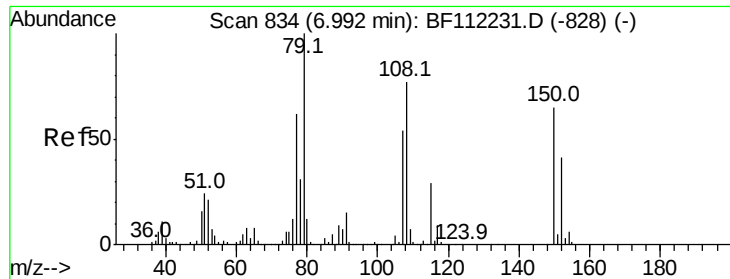
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#14
 1,2-Dichlorobenzene
 Concen: 26.602 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.4
111	43.5	31.2	46.8





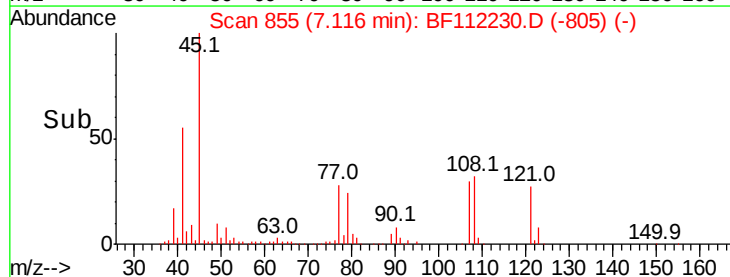
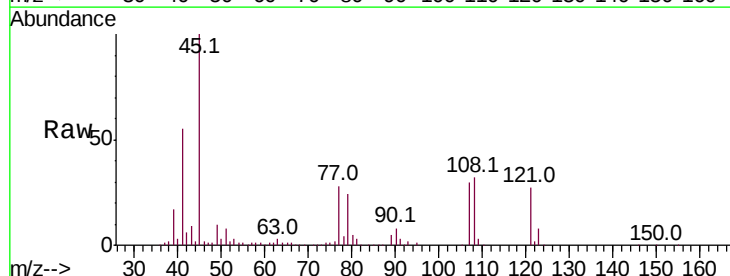
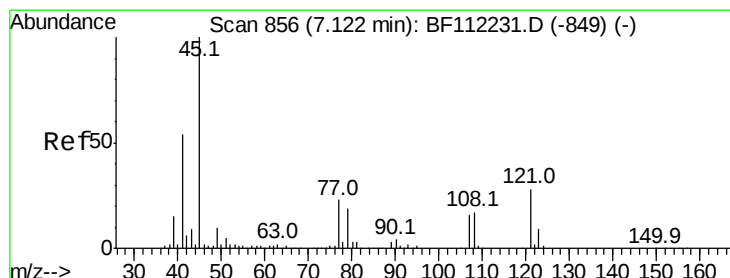
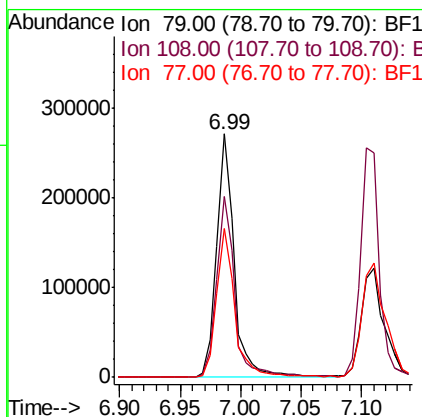
#15
Benzyl Alcohol
Concen: 27.600 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.1	64.2	96.2	
77	61.1	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

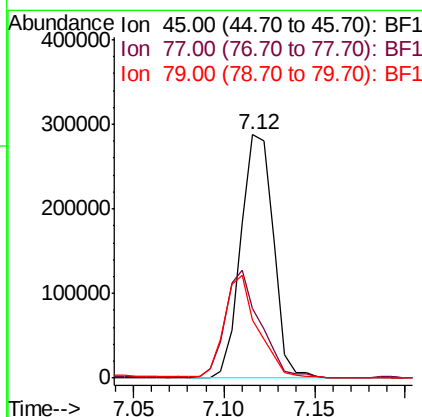
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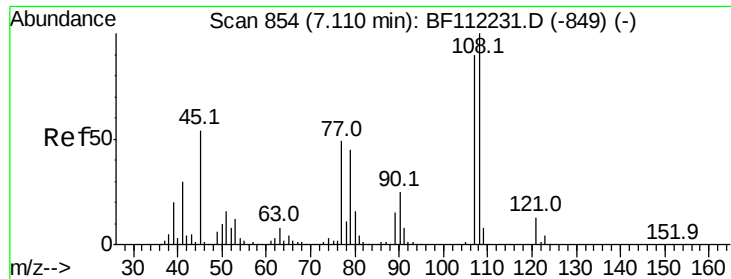
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.821 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	28.3	0.0	36.9	
79	24.1	0.0	34.0	





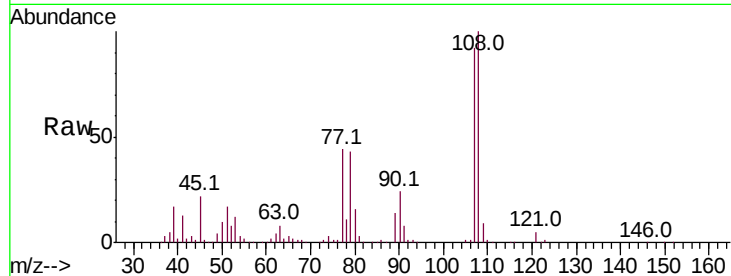
#17
2-Methylphenol
Concen: 27.044 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:	107	Resp:	248427
Ion Ratio	Lower	Upper	
107	100		
108	108.8	91.3	136.9
77	47.8	39.0	58.6
79	47.1	37.0	55.4

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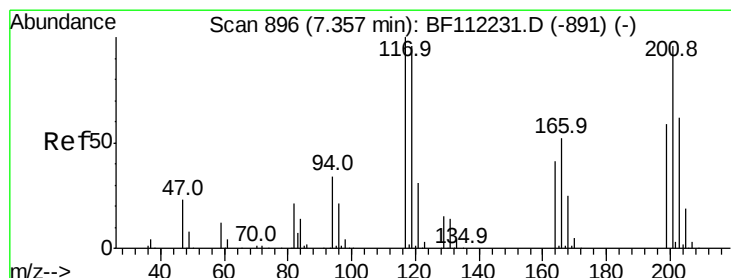
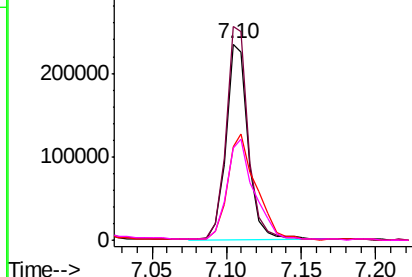
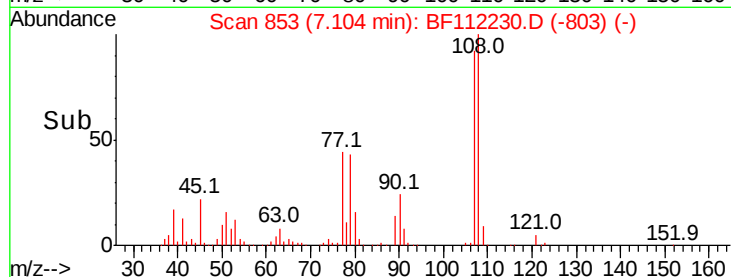
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

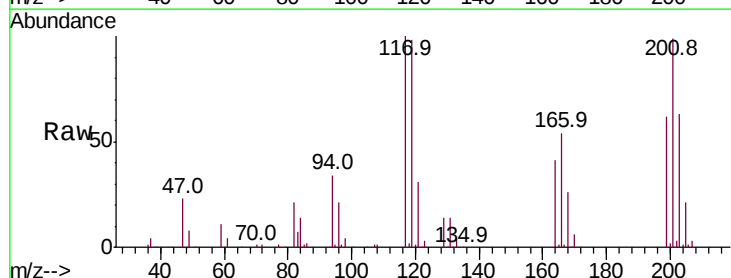
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 27.695 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion:	117	Resp:	131987
Ion Ratio	Lower	Upper	
117	100		
119	97.9	77.0	115.4
201	98.7	74.1	111.1

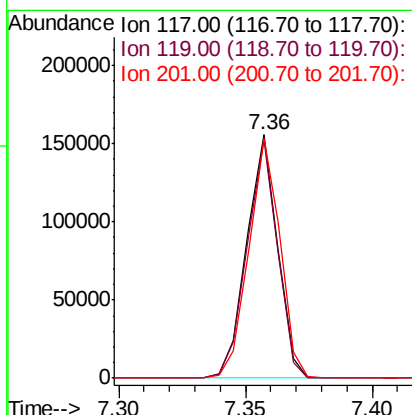
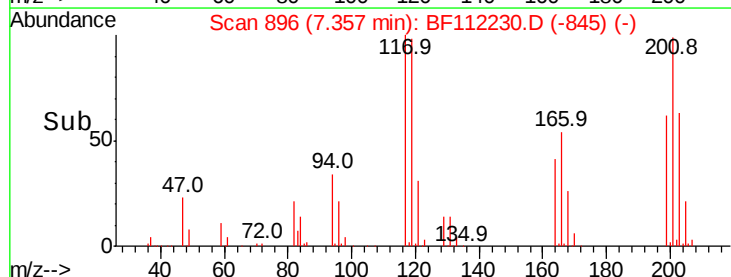


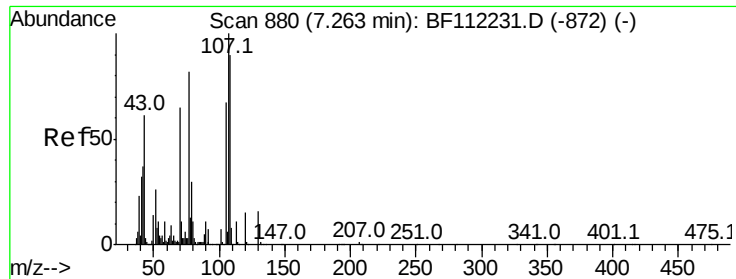
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





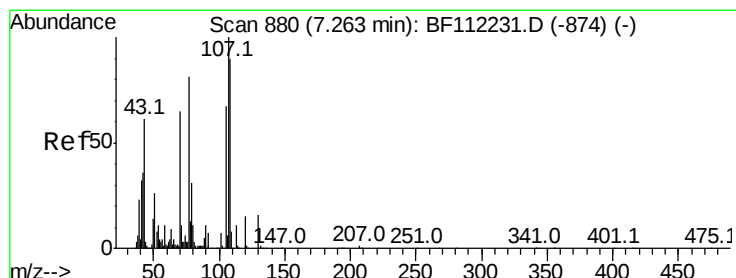
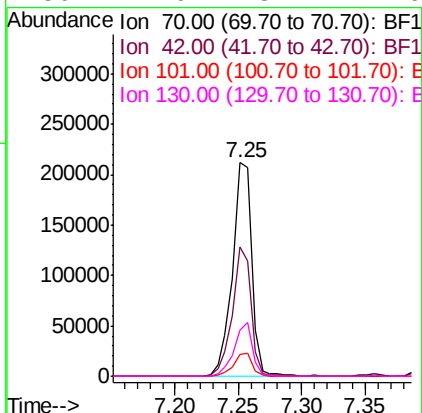
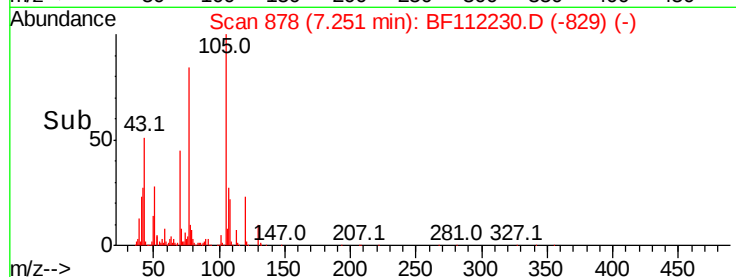
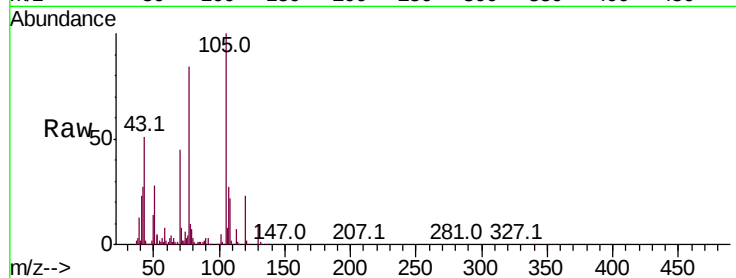
#19
n-Nitroso-di-n-propylamine
Concen: 27.686 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.6	71.4
101	10.0	7.9	11.9
130	21.9	18.4	27.6

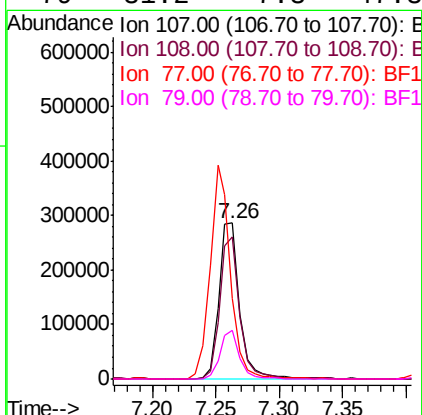
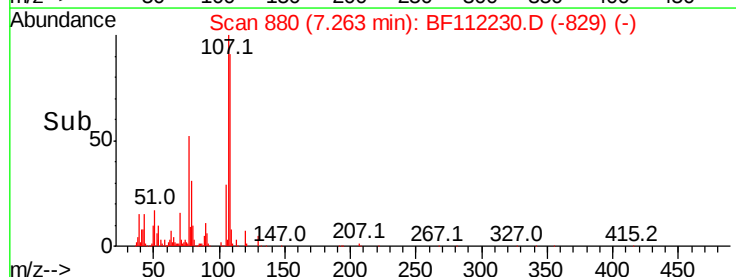
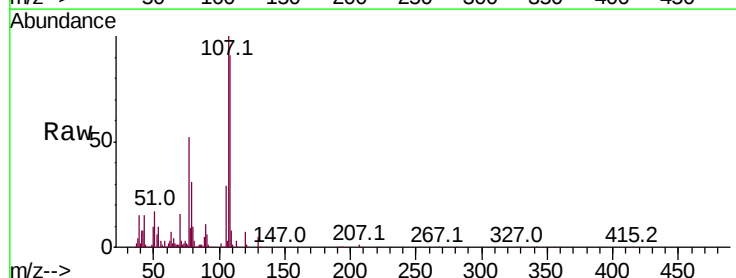
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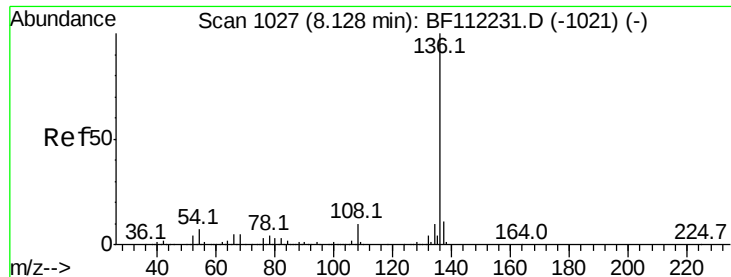
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#20
3+4-Methylphenols
Concen: 29.055 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	52.1	100.7	140.7#
79	31.2	7.3	47.3





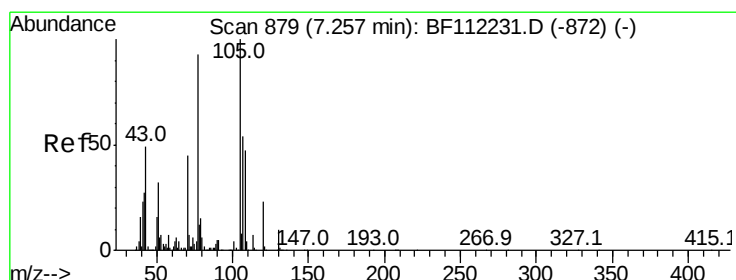
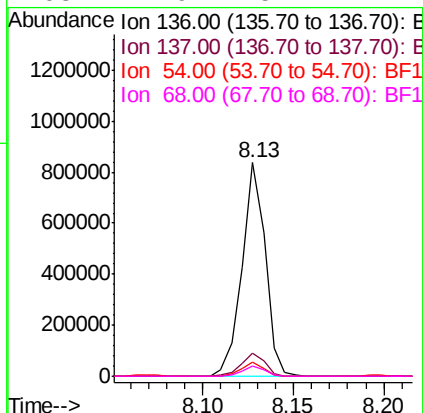
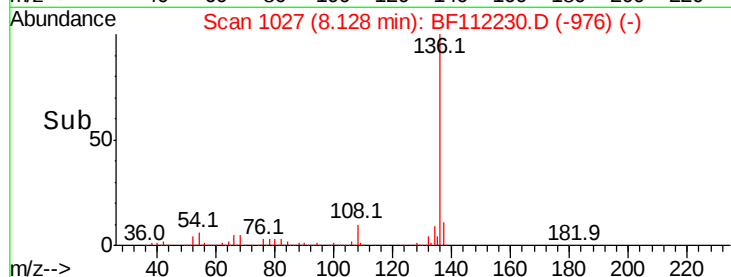
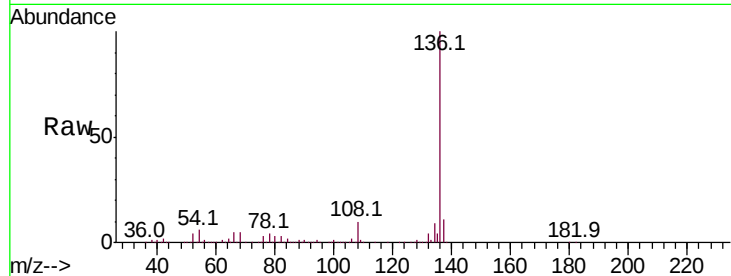
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	6.4	5.9	8.9	
68	4.9	5.1	7.7#	

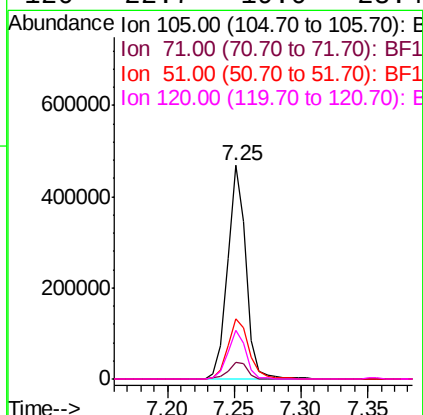
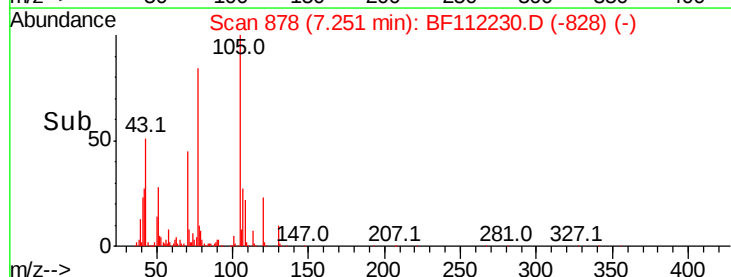
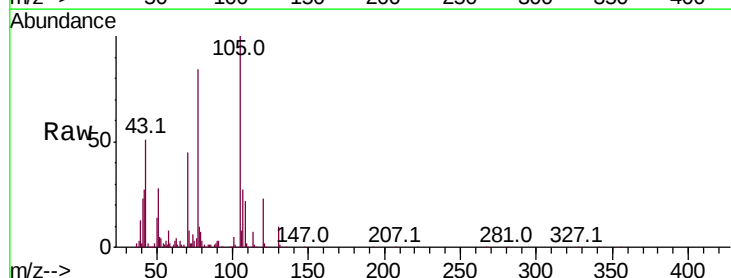
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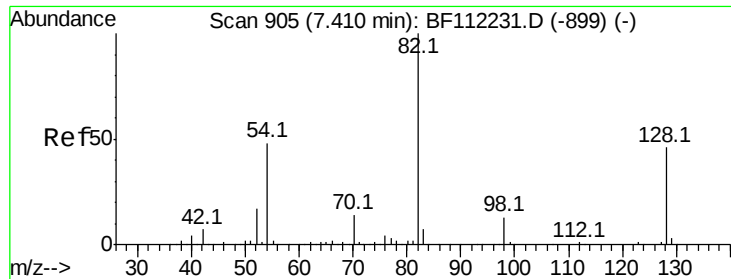
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#22
Acetophenone
Concen: 26.284 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.6	6.8#	
51	27.9	25.0	37.6	
120	22.7	19.0	28.4	





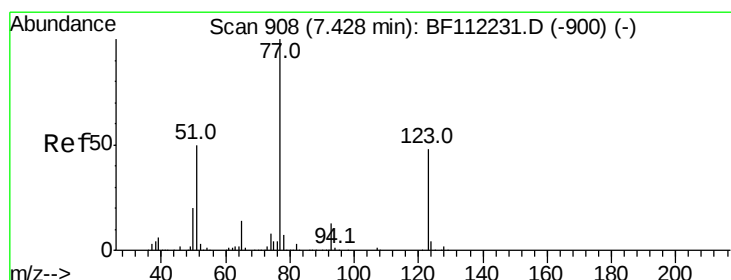
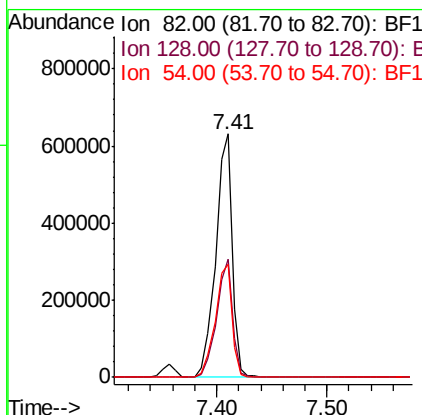
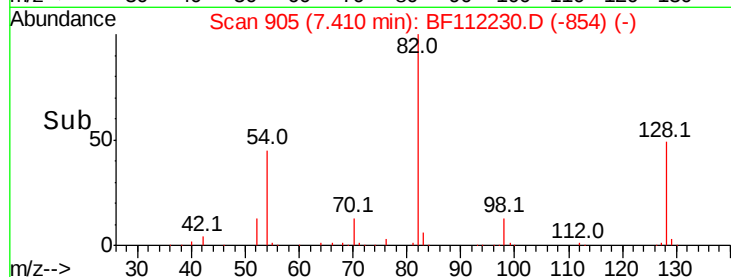
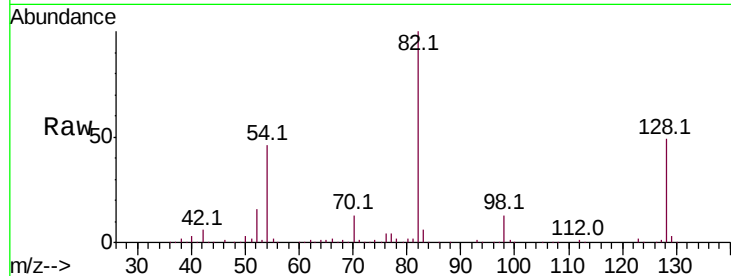
#23
Nitrobenzene-d5
Concen: 59.910 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.8	56.8
54	46.3	39.7	59.5

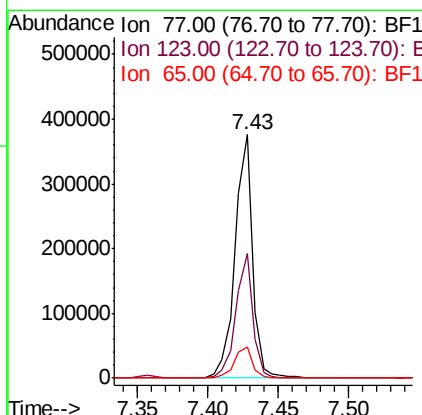
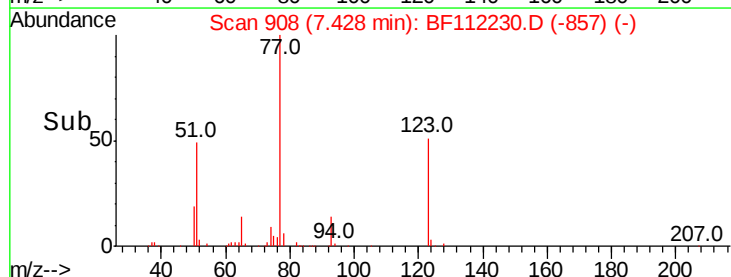
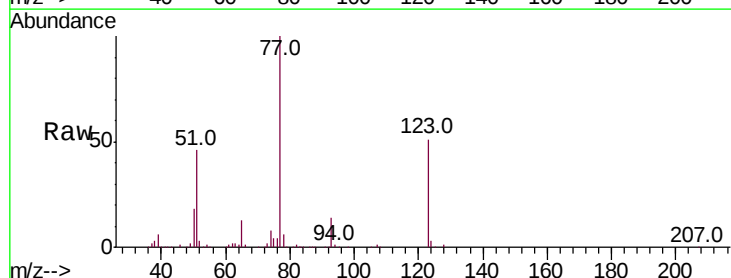
Manual Integrations
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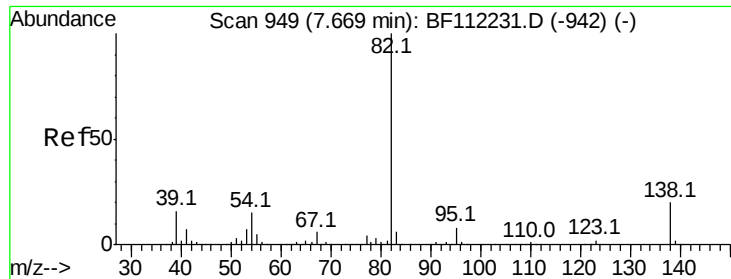
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#24
Nitrobenzene
Concen: 28.023 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	38.4	57.6
65	12.8	10.6	15.8





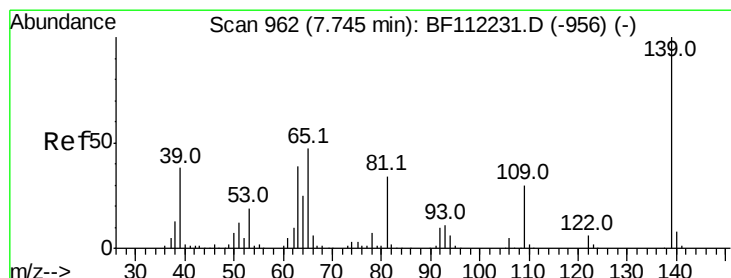
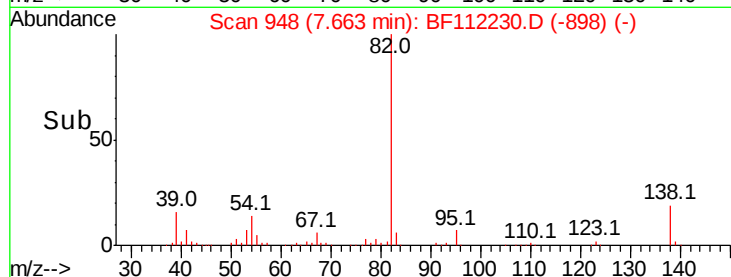
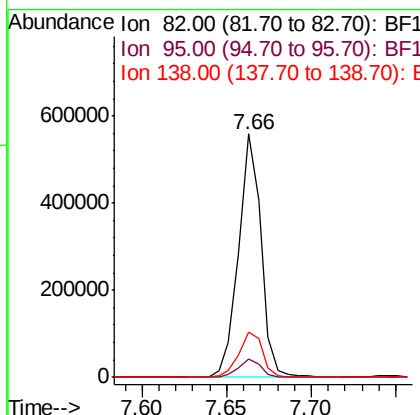
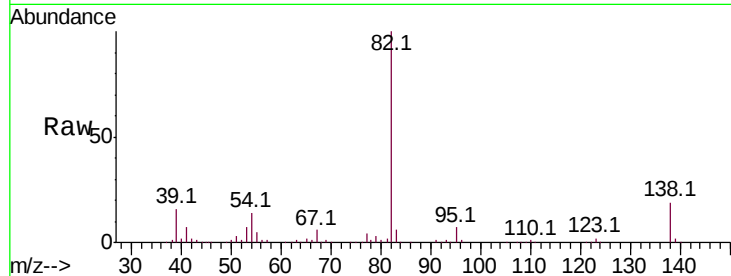
#25
Isophorone
Concen: 24.703 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
82	100	518581		
95	7.3		5.7	8.5
138	18.6		15.4	23.0

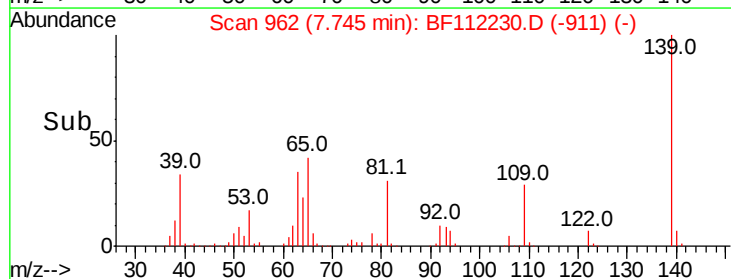
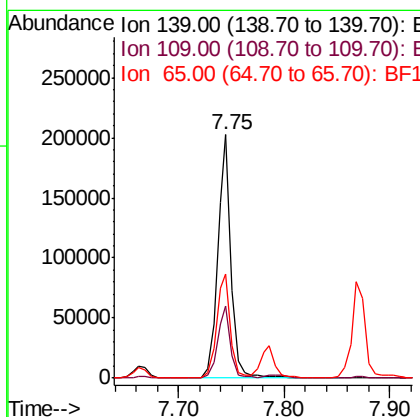
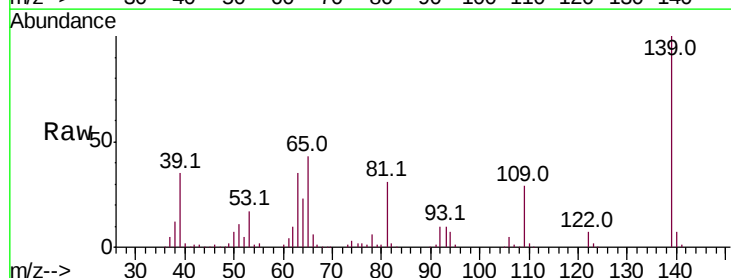
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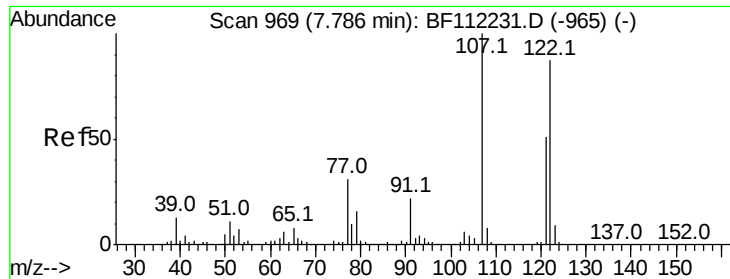
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#26
2-Nitrophenol
Concen: 32.950 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	179173		
109	29.4		20.8	31.2
65	42.8		34.4	51.6





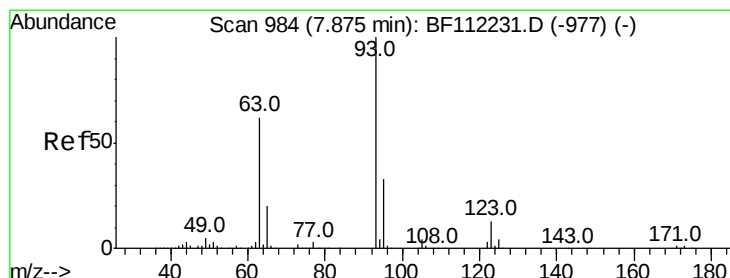
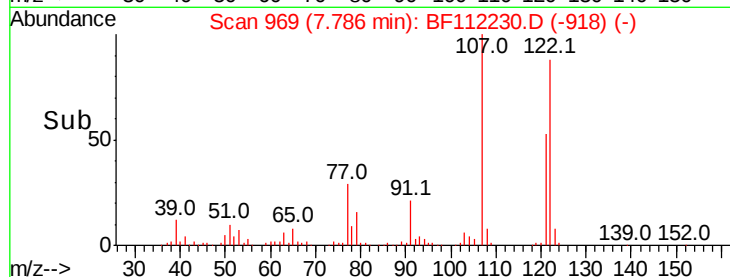
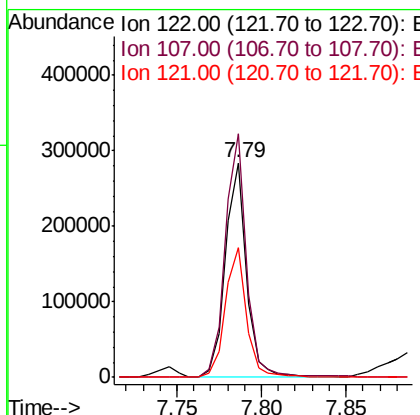
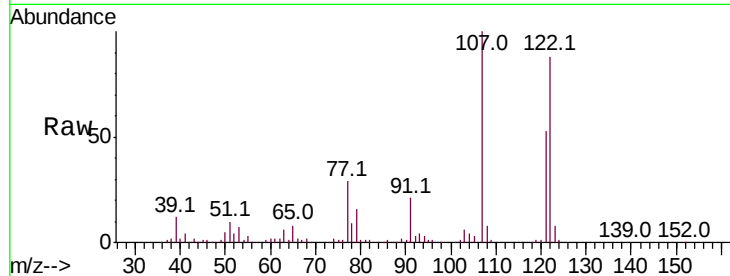
#27
2,4-Dimethylphenol
Concen: 24.997 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	85.4	128.0
121	60.5	47.0	70.4

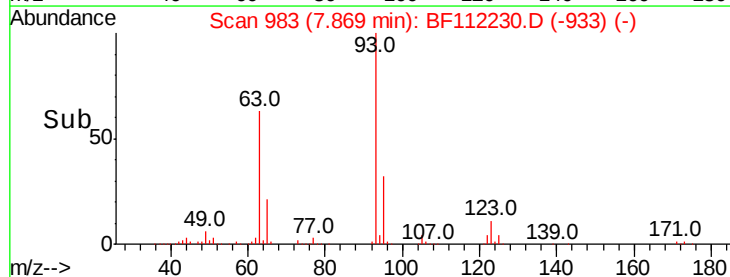
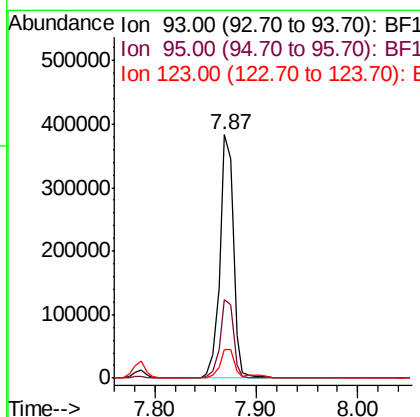
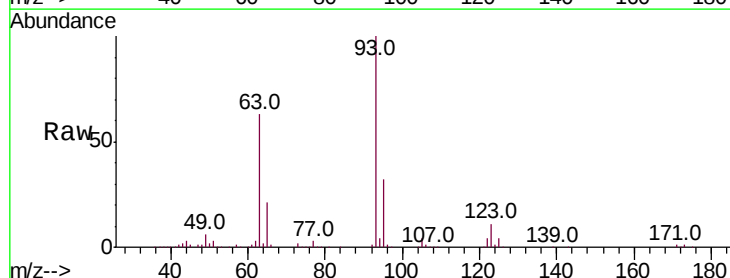
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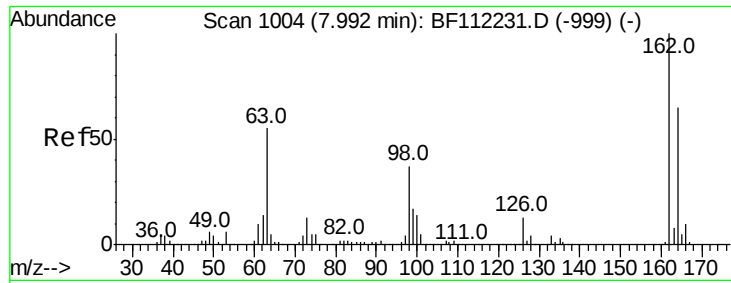
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#28
bis(2-Chloroethoxy)methane
Concen: 24.894 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.8	40.2
123	11.5	10.2	15.2





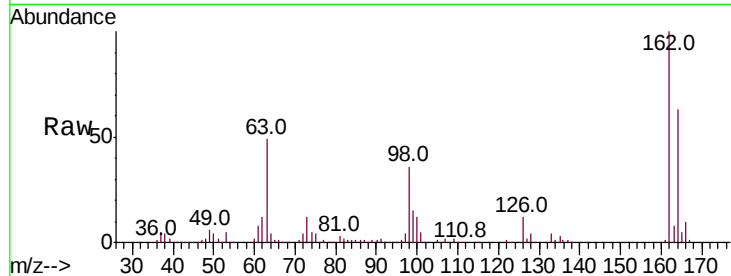
#29
2,4-Dichlorophenol
Concen: 26.124 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
162	100	278082		
164	63.1		44.6	84.6
98	35.8		14.6	54.6

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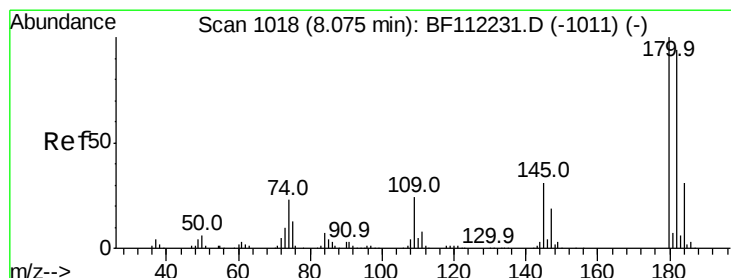
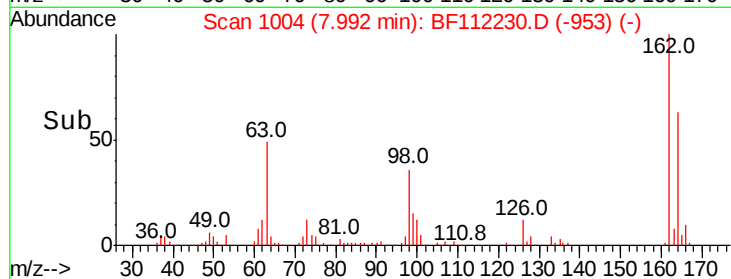
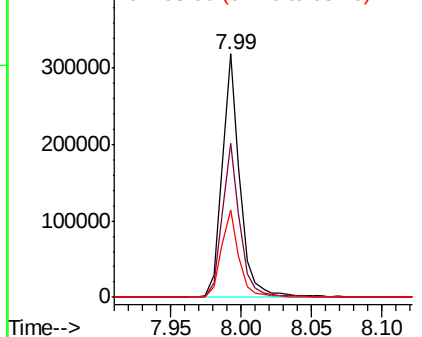


Abundance

Ion 162.00 (161.70 to 162.70): E

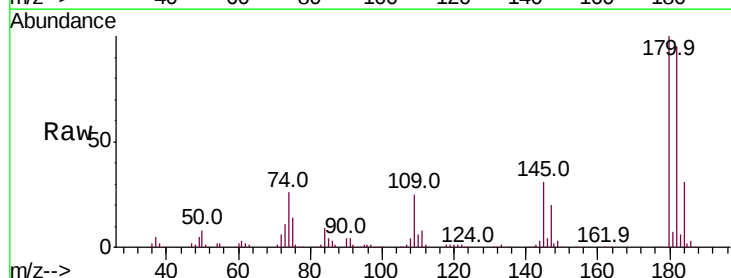
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 25.357 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	313246		
182	95.3		76.4	114.6
145	31.5		25.0	37.4

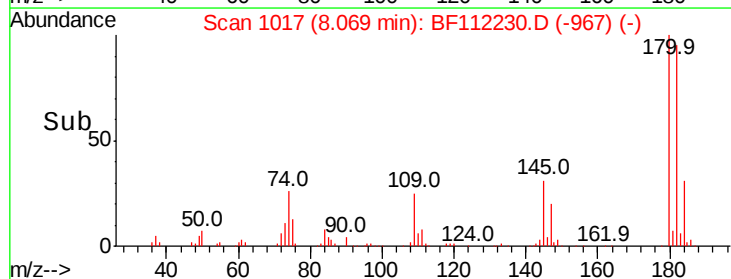
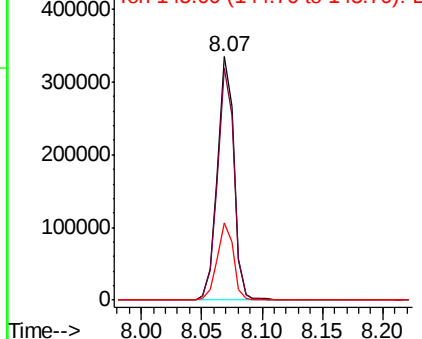


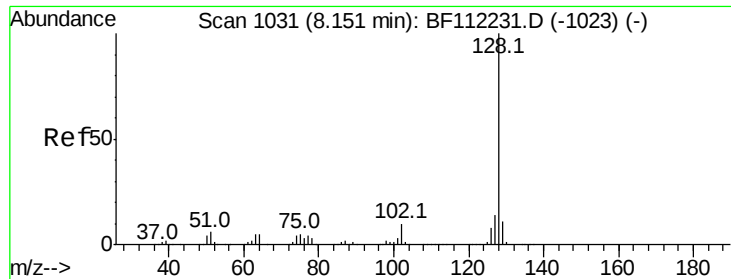
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





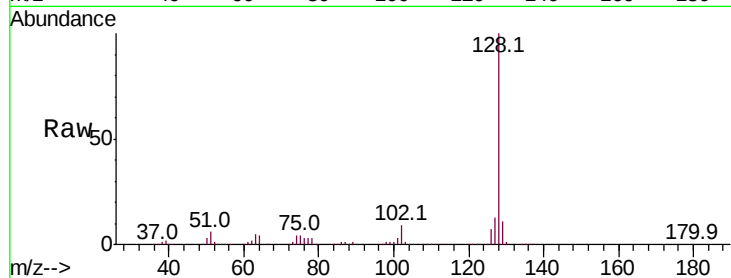
#31
Naphthalene
Concen: 26.307 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.4	11.1	16.7

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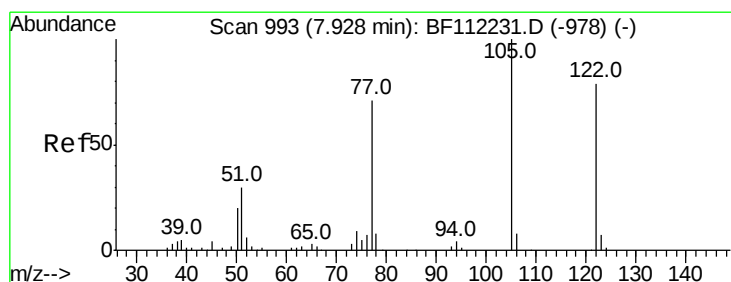
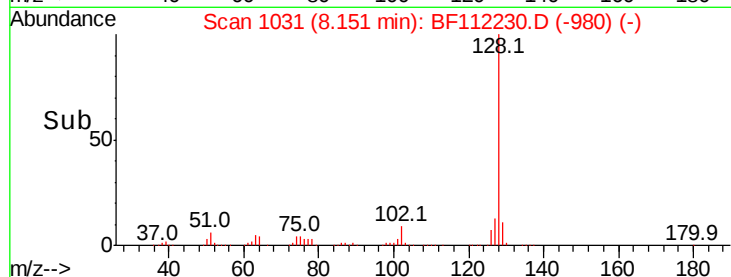
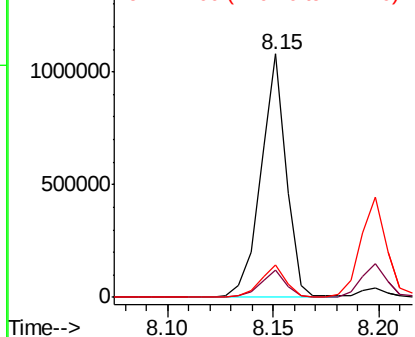


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 30.254 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

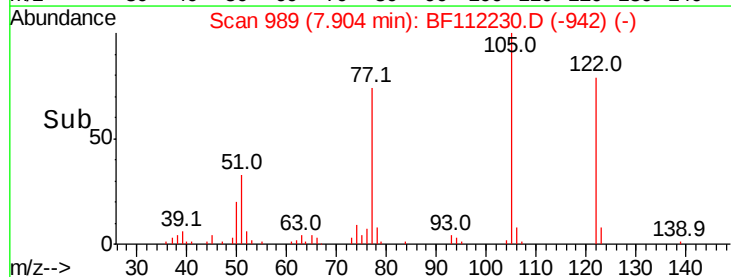
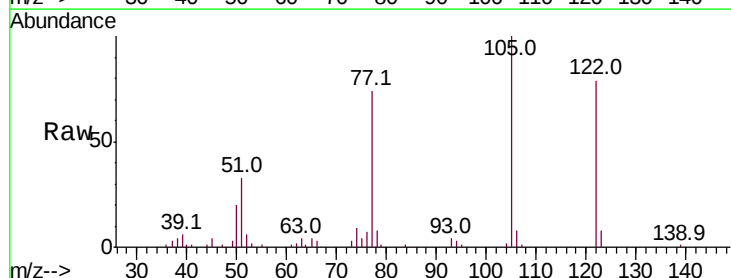
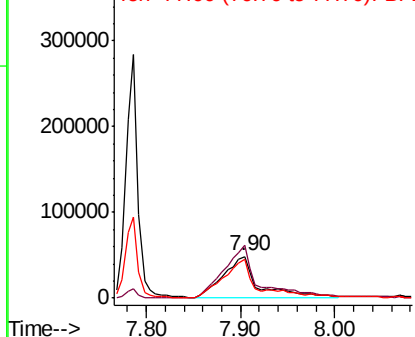
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	101.2	141.2
77	94.0	70.4	110.4

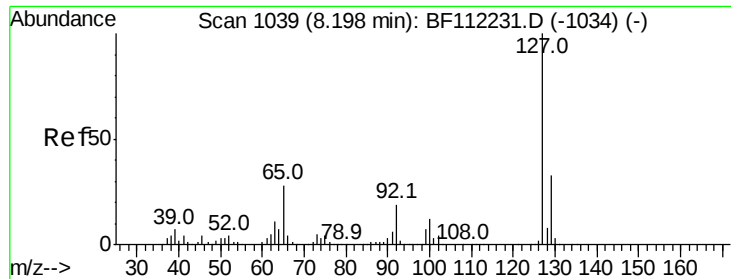
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





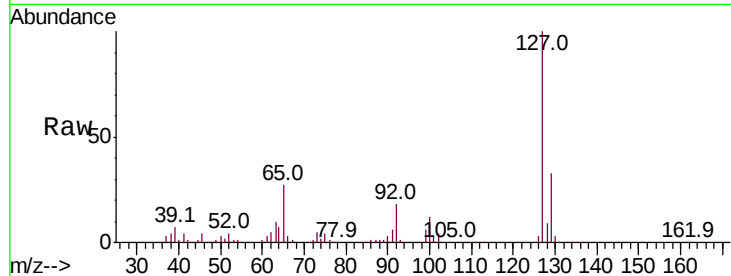
#33
4-Chloroaniline
Concen: 25.541 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

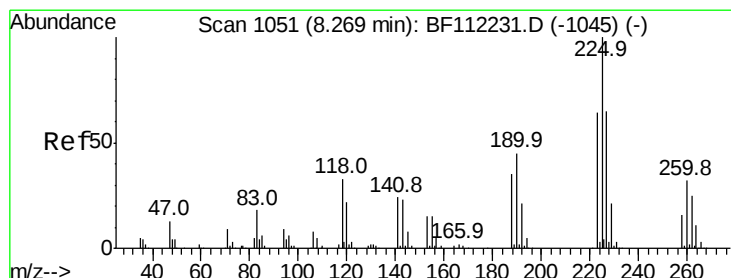
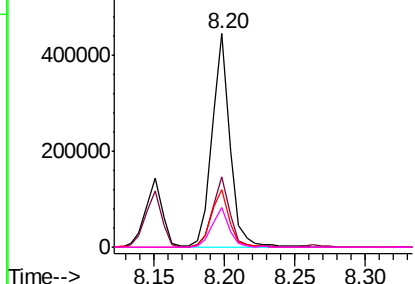
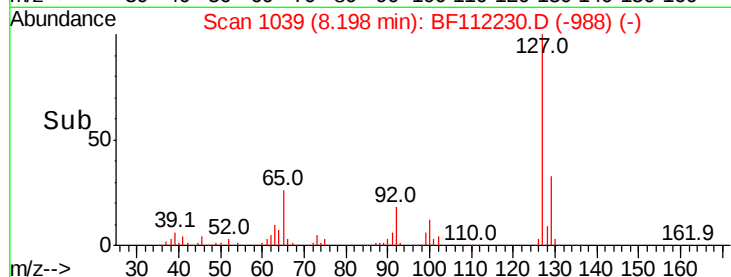
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.6	39.8	
65	27.0	21.4	32.2	
92	18.4	14.2	21.2	

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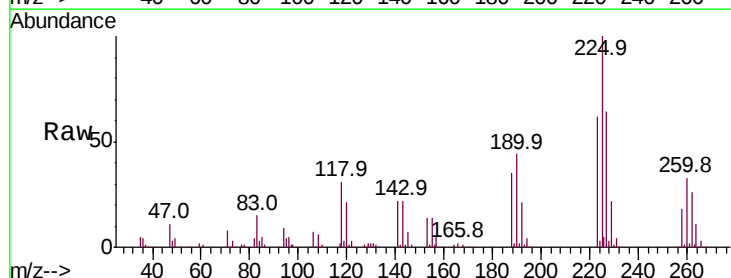


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

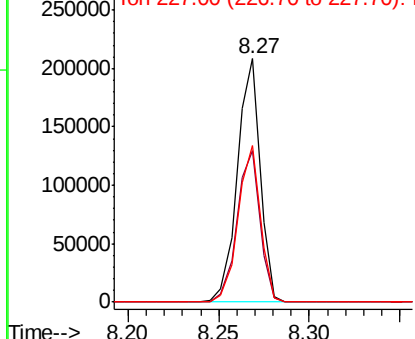
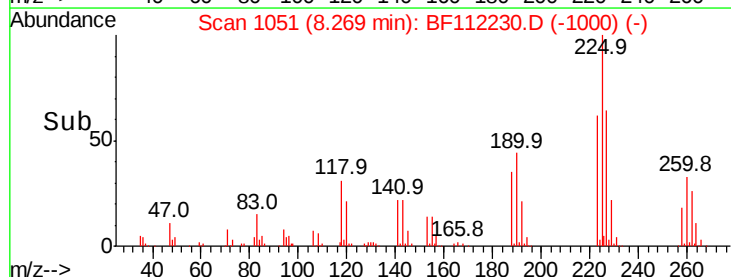


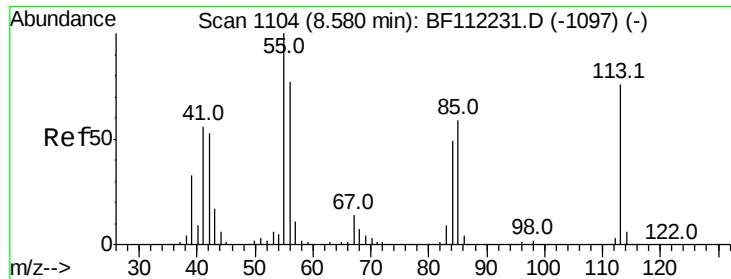
#34
Hexachlorobutadiene
Concen: 26.469 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.3	75.5	
227	64.1	51.8	77.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





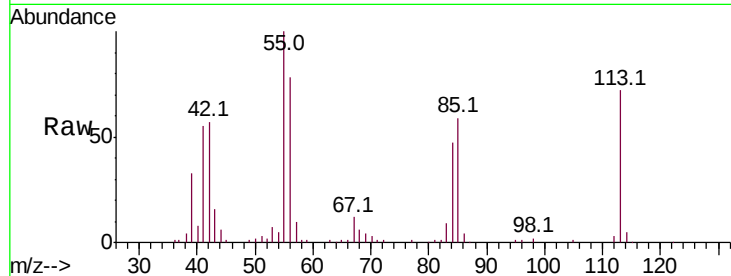
#35
Caprolactam
Concen: 25.166 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

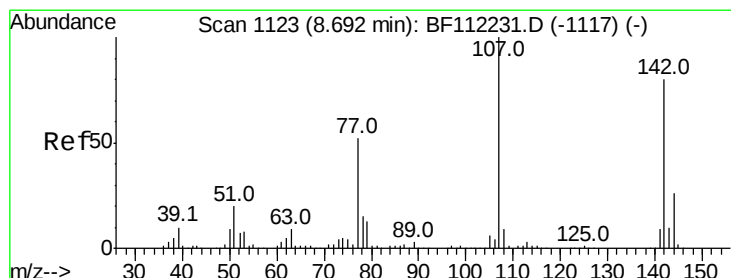
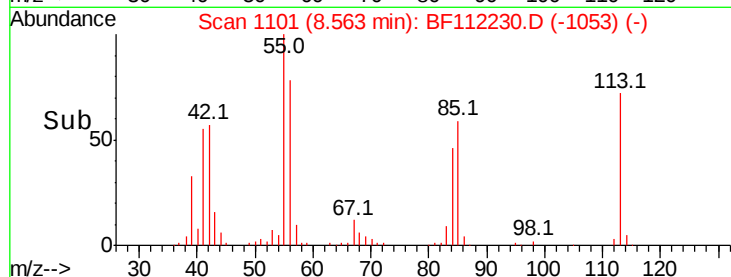
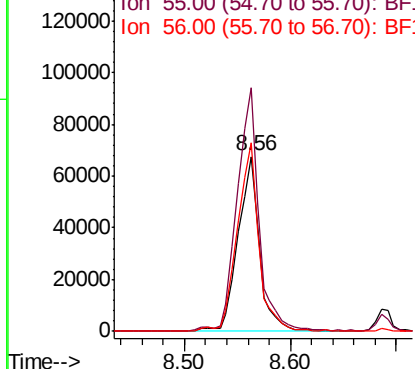
Tot Ion:113 Resp: 93757
Ion Ratio Lower Upper
113 100
55 139.5 121.6 161.6
56 108.1 86.7 126.7

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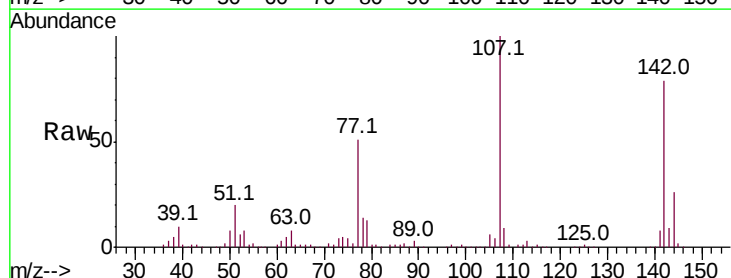


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

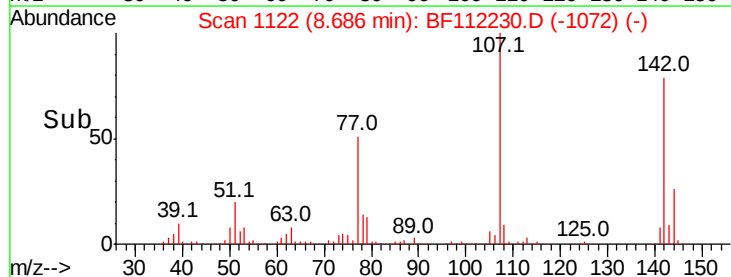
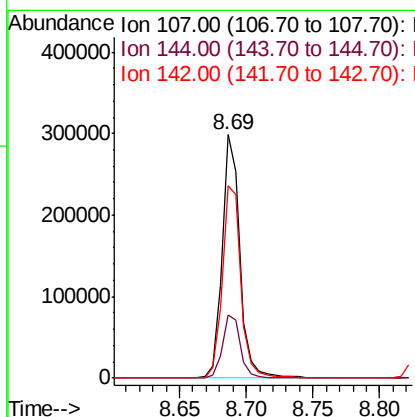


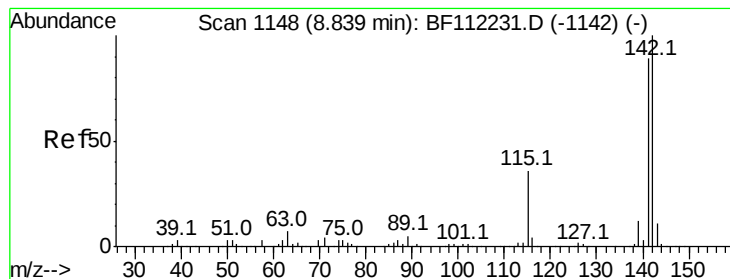
#36
4-Chloro-3-methylphenol
Concen: 27.121 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion:107 Resp: 281962
Ion Ratio Lower Upper
107 100
144 25.9 22.2 33.2
142 79.2 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





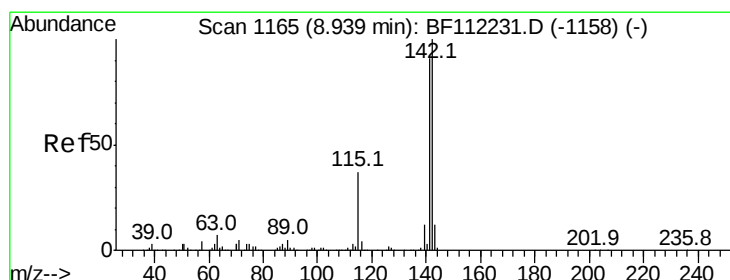
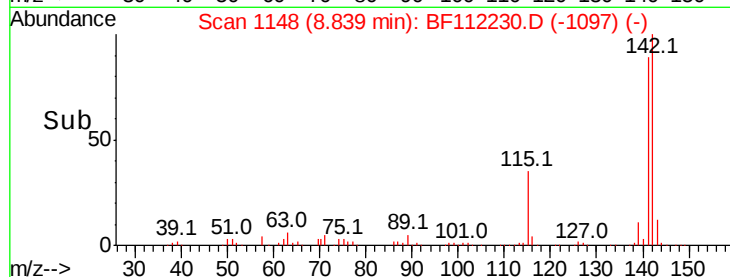
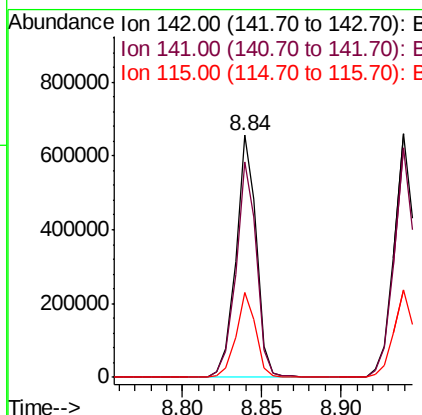
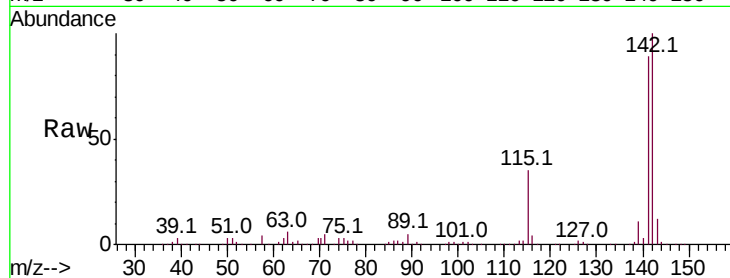
#37
 2-Methylnaphthalene
 Concen: 25.208 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3
115	34.9	24.9	37.3

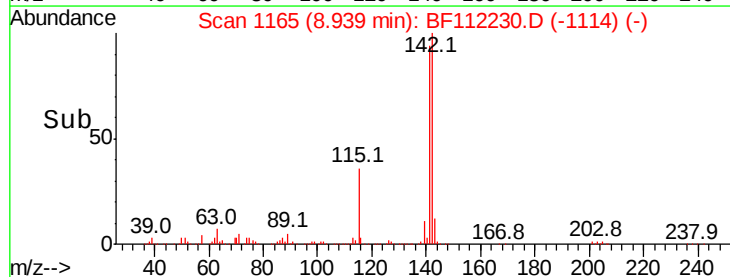
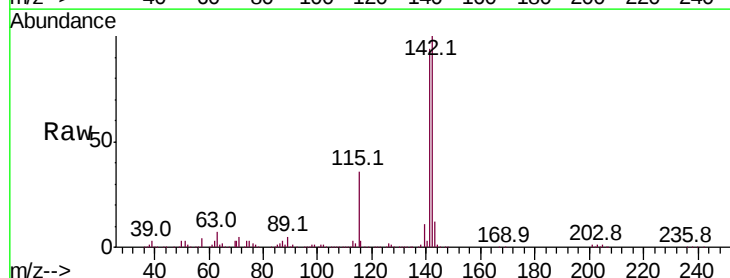
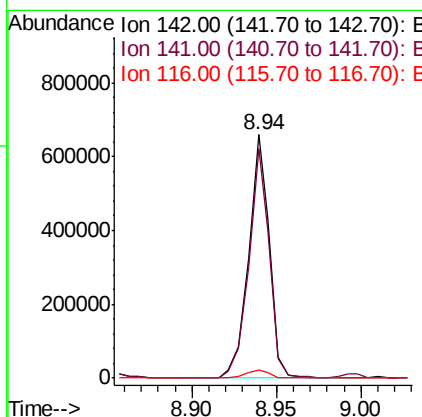
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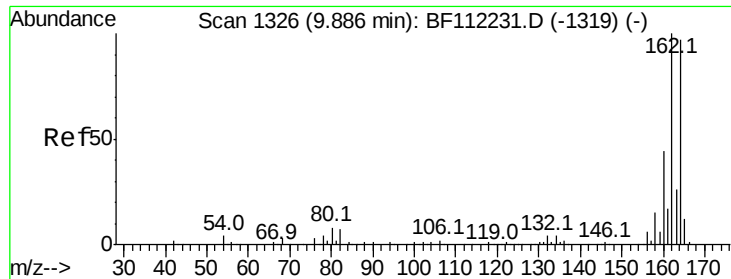
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#38
 1-Methylnaphthalene
 Concen: 25.105 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.6	108.8
116	3.5	2.8	4.2





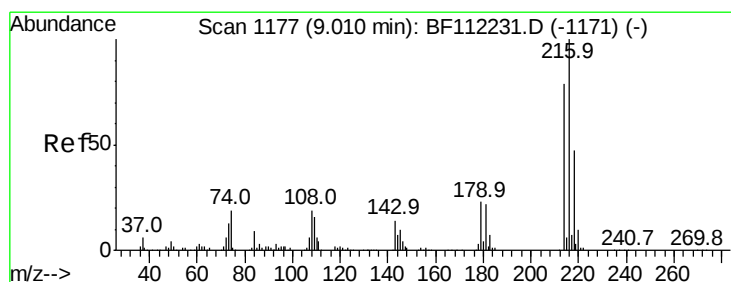
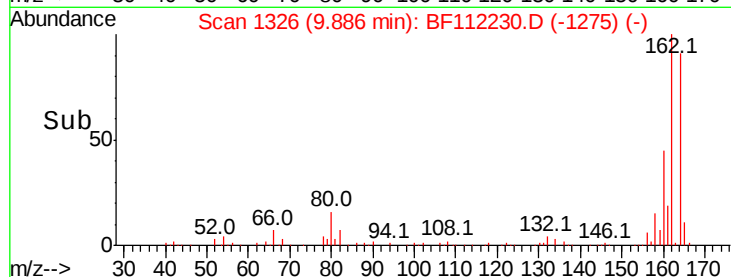
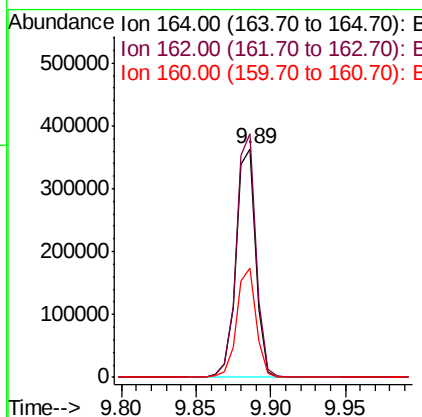
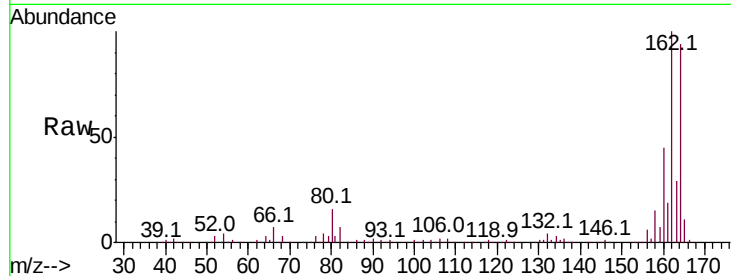
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.2	123.4
160	48.1	36.2	54.4

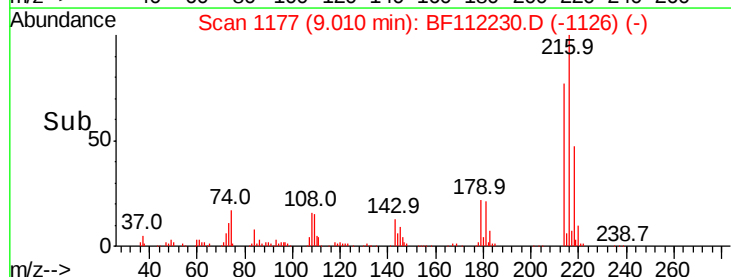
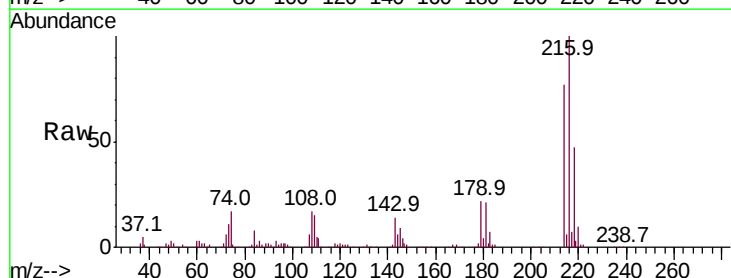
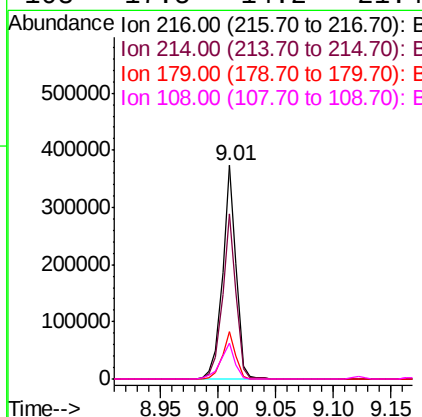
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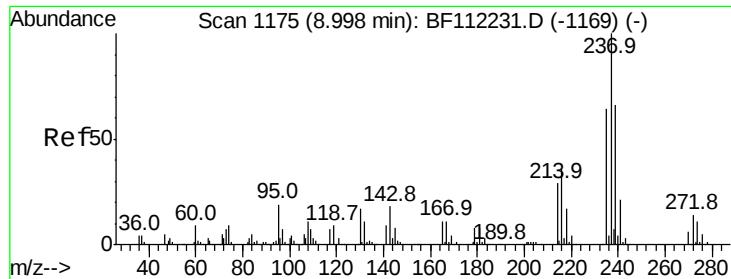
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.961 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.8	95.6
179	21.7	16.9	25.3
108	17.5	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 20.681 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

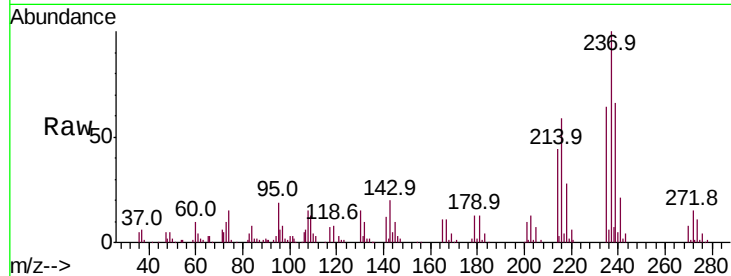
ClientSampleId :

SSTDIC025

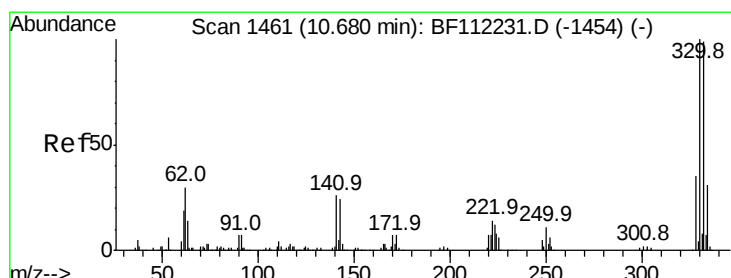
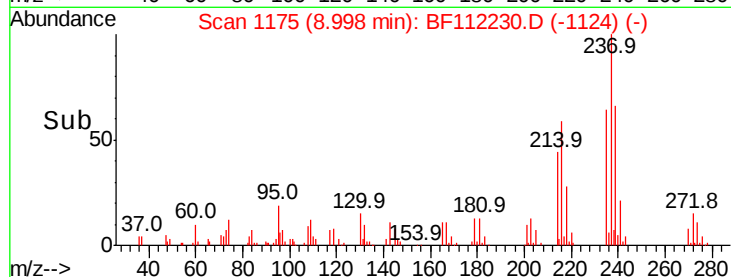
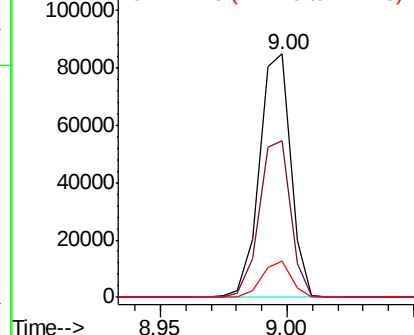
Tot Ion:	237	Resp:	73742
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.0	84.0
272	14.6	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 48.005 ng

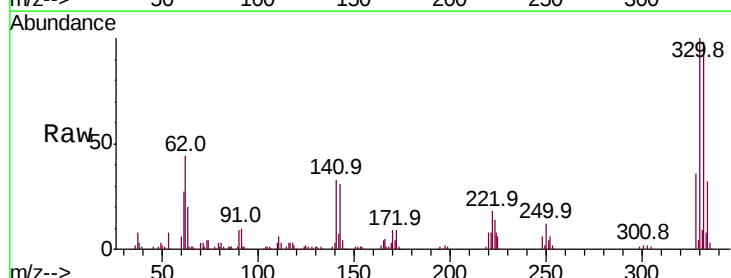
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

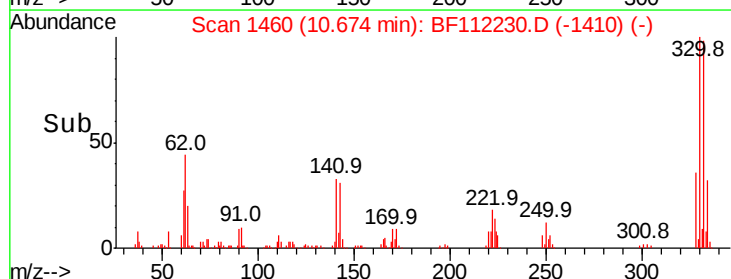
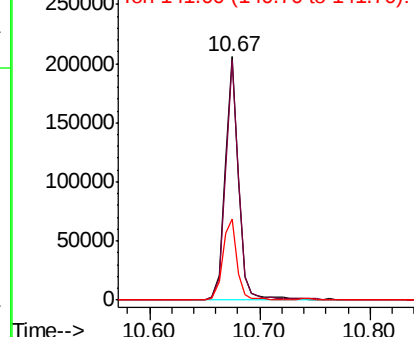
Lab File: BF112230.D

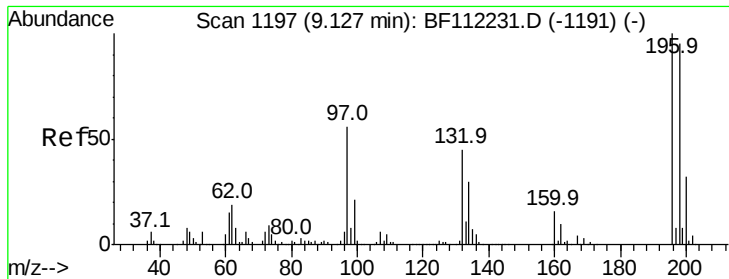
Acq: 25 Jan 2019 13:48

Tgt Ion:	330	Resp:	175476
Ion Ratio	Lower	Upper	
330	100		
332	98.5	76.6	114.8
141	35.1	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





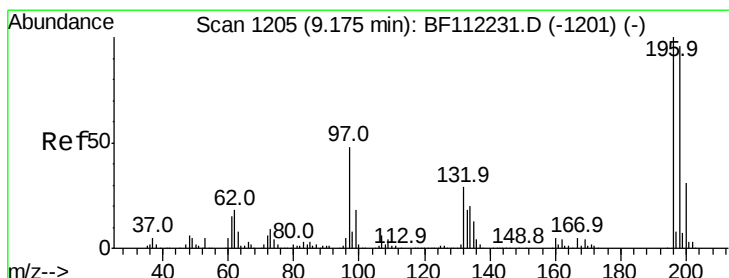
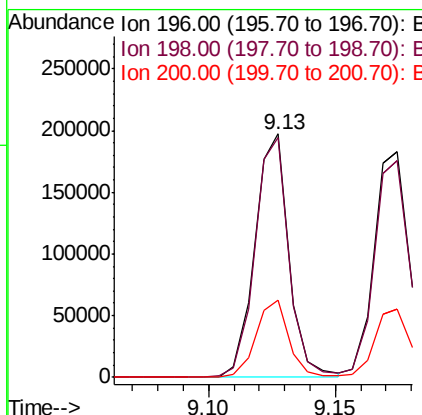
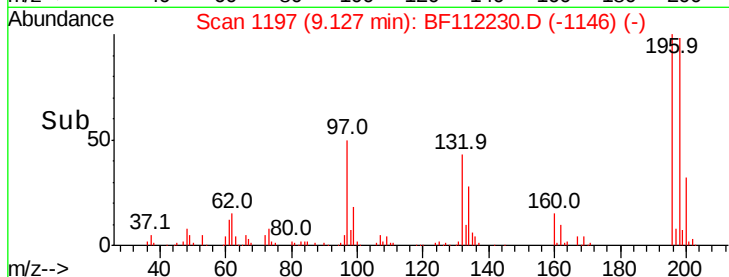
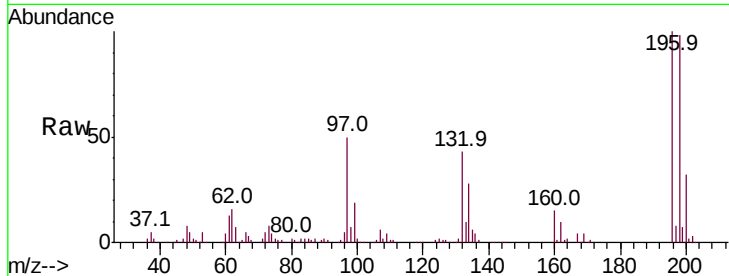
#43
 2,4,6-Trichlorophenol
 Concen: 28.401 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184867		
198	98.4	76.2	114.4	
200	31.6	24.3	36.5	

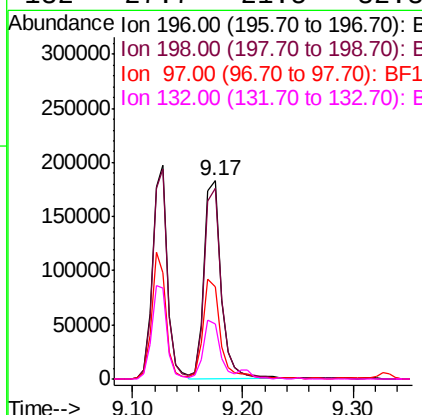
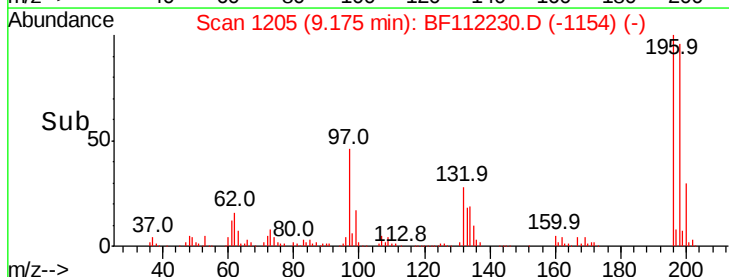
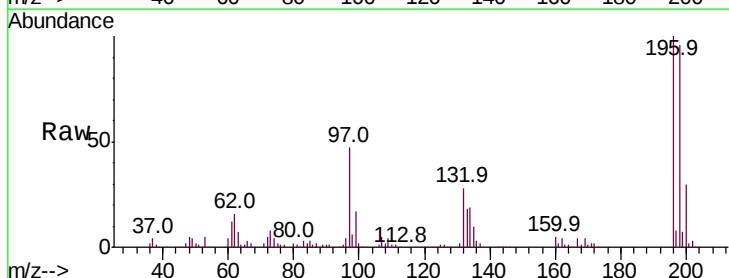
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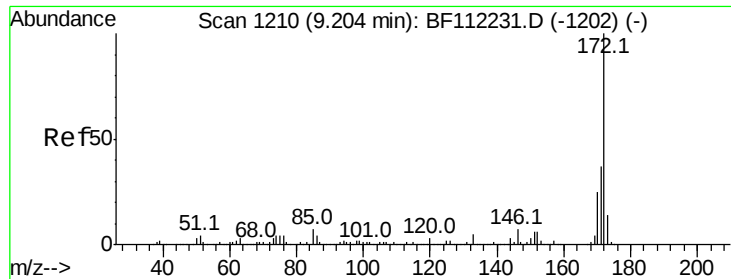
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 27.624 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191506		
198	96.1	76.0	114.0	
97	46.6	36.4	54.6	
132	27.7	21.5	32.3	





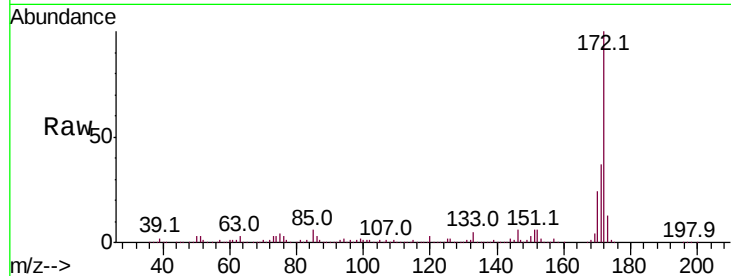
#45
2-Fluorobiphenyl
Concen: 56.341 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

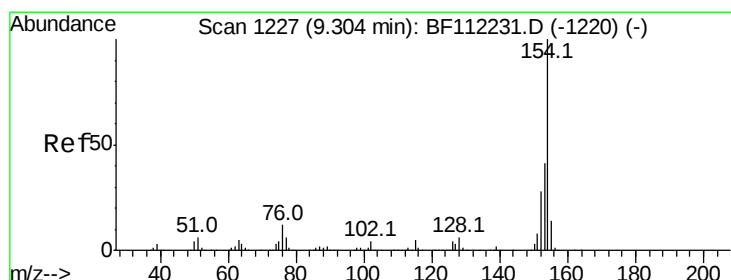
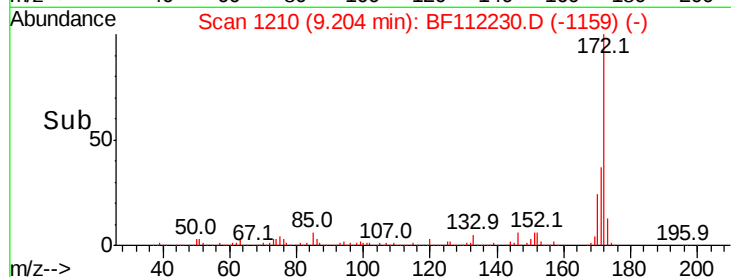
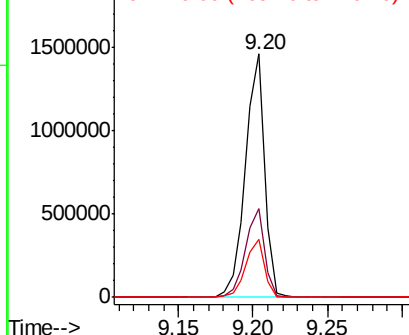
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.0	20.2	30.4

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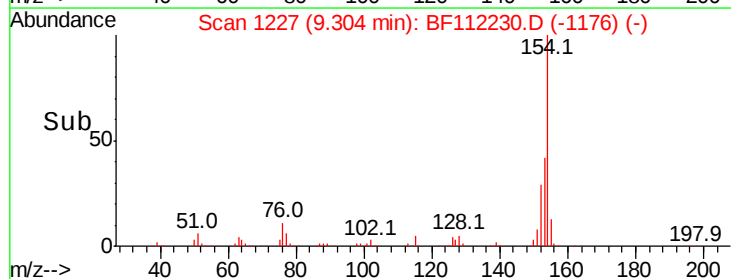
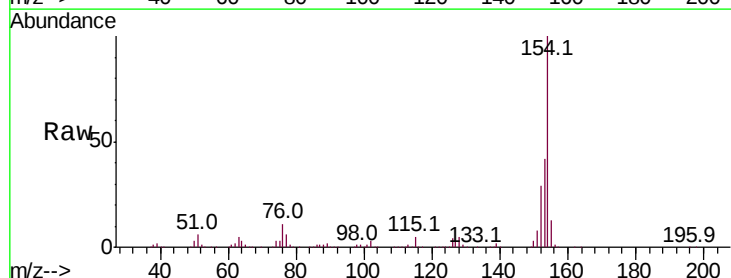
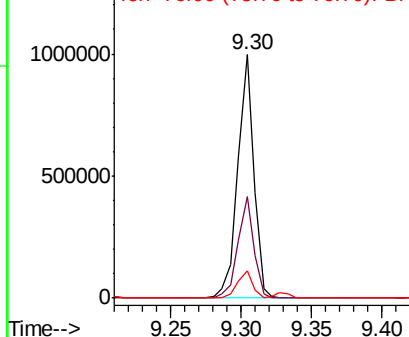
Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

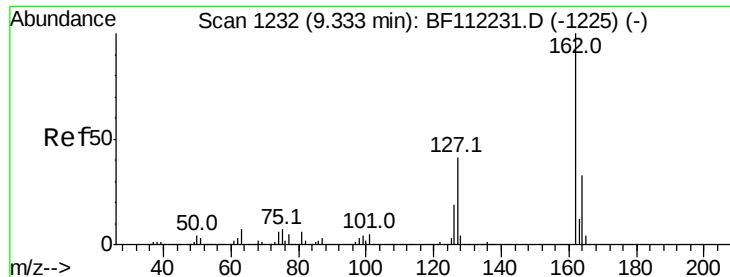


#46
1,1'-Biphenyl
Concen: 27.955 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.5	61.5
76	11.3	0.0	33.1

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





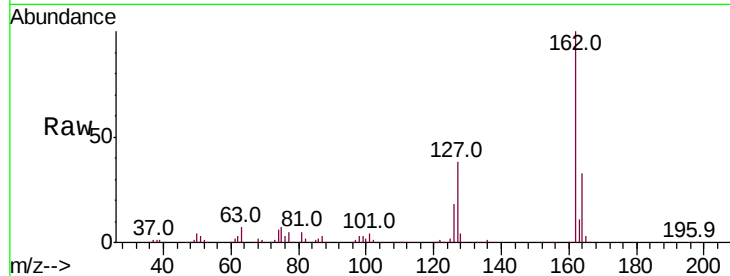
#47
2-Chloronaphthalene
Concen: 28.043 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
162	100	621958		
127	37.9		30.4	45.6
164	32.9		27.4	41.2

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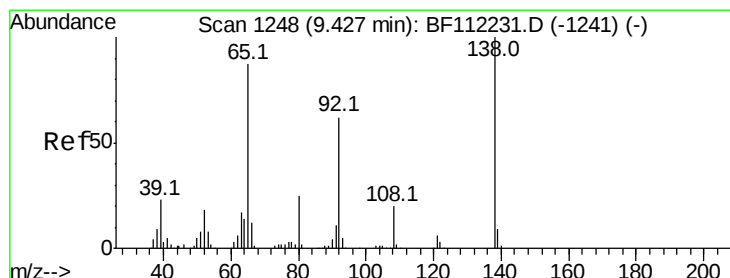
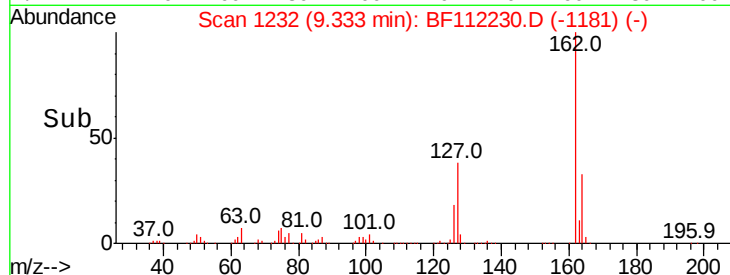
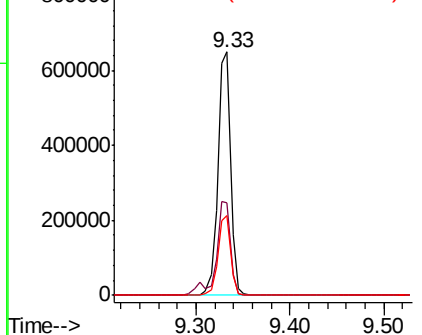


Abundance

Ion 162.00 (161.70 to 162.70): E

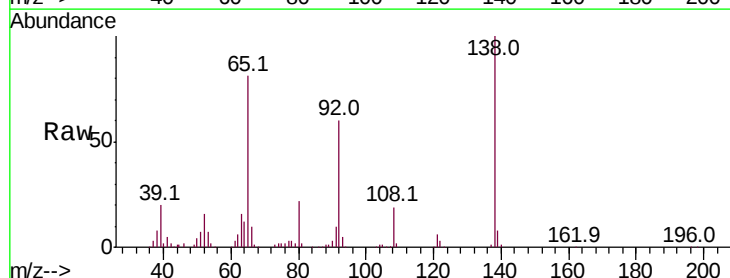
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 33.302 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	166361		
92	73.7		60.4	90.6
138	123.6		104.4	156.6

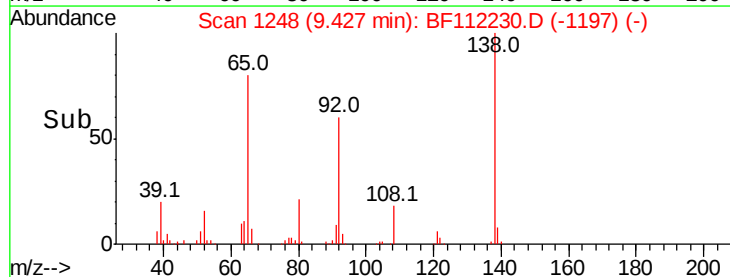
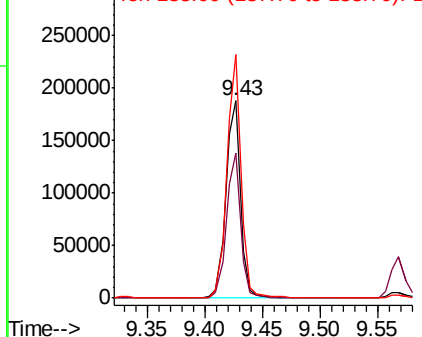


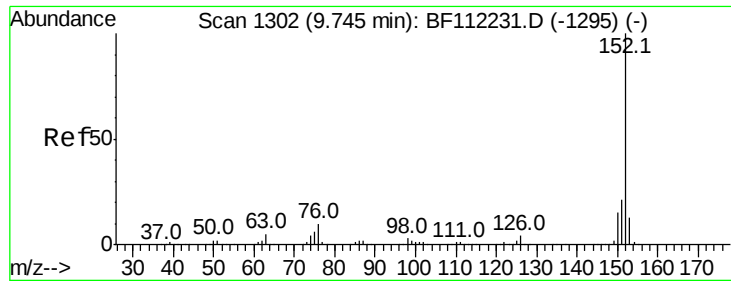
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





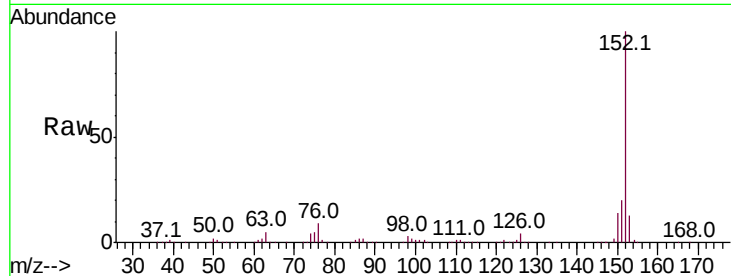
#49
Acenaphthylene
Concen: 28.114 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

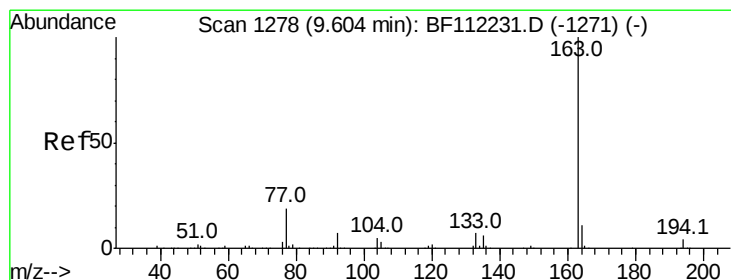
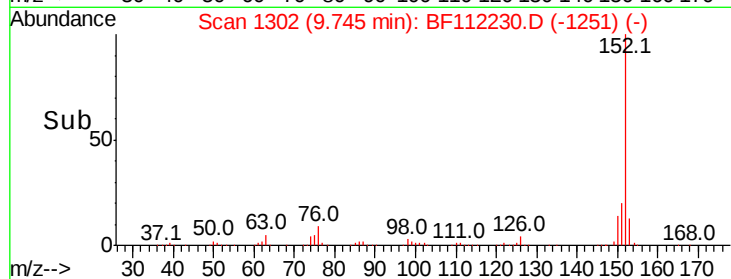
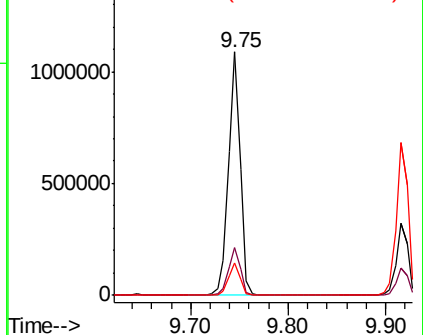
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.2	11.2	16.8

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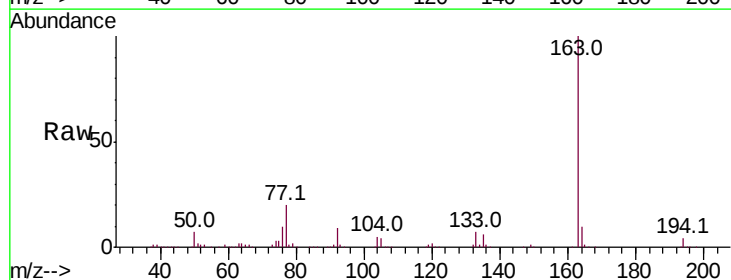


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

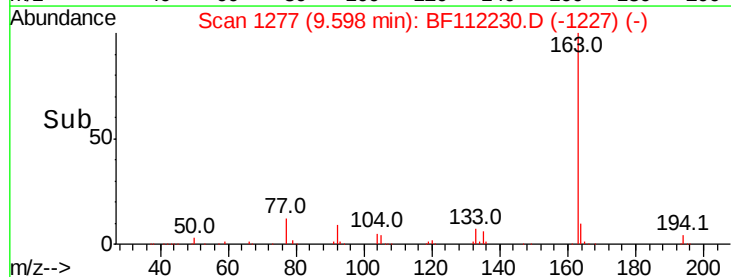
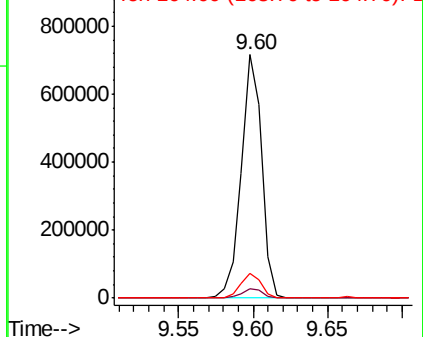


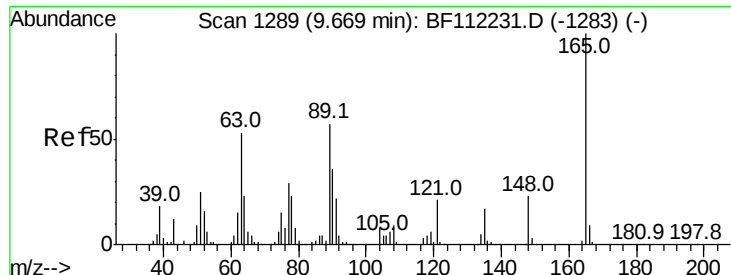
#50
Dimethylphthalate
Concen: 27.647 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.3	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.076 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

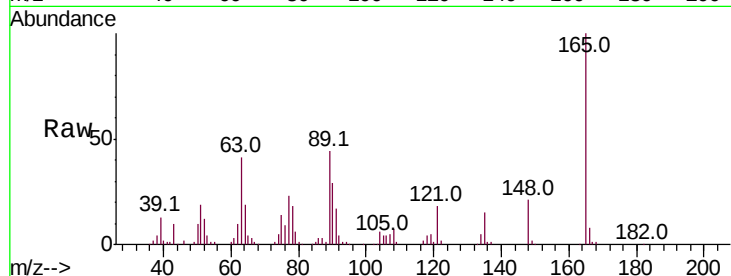
ClientSampleId :

SSTDIC025

Tot Ion:	165	Resp:	158295
Ion Ratio	Lower	Upper	
165	100		
63	41.5	33.8	50.8
89	44.5	36.9	55.3

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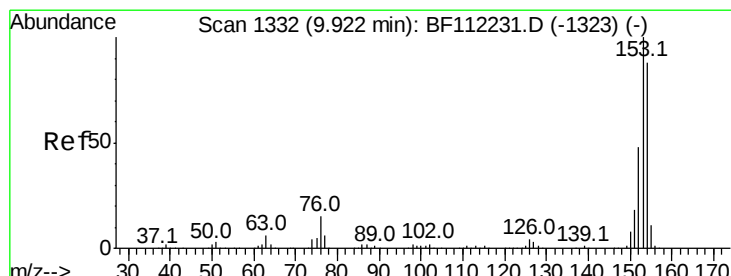
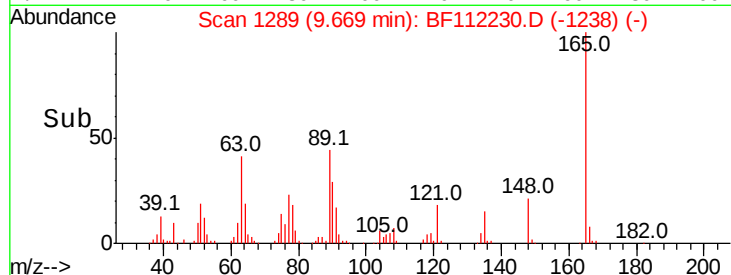
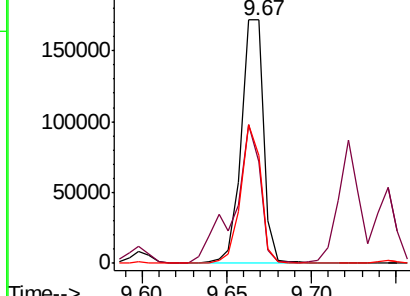
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 25.340 ng

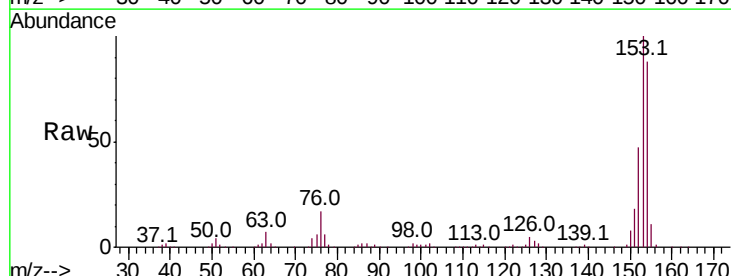
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

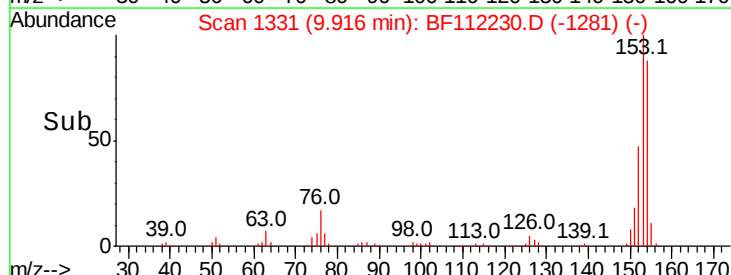
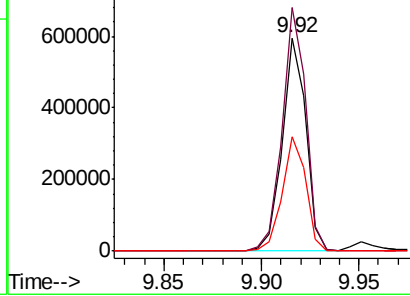
Tgt Ion:	154	Resp:	501786
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.6
152	53.7	43.5	65.3

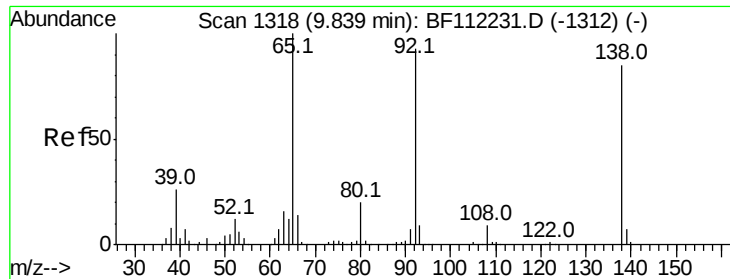


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





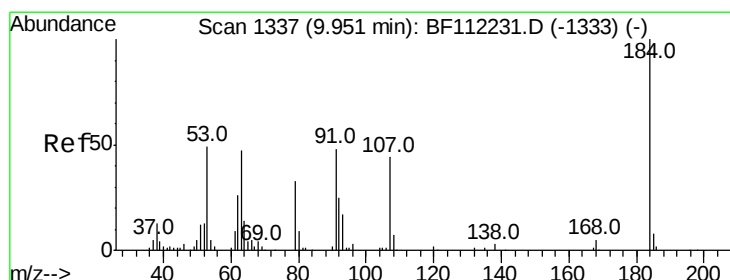
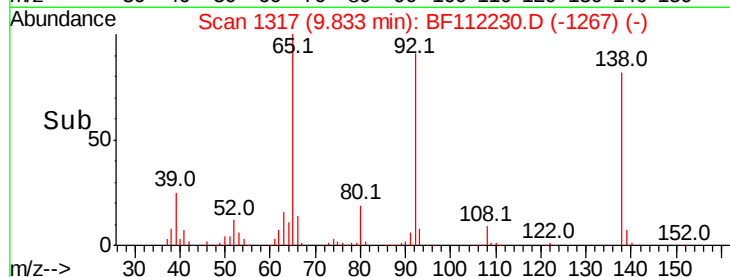
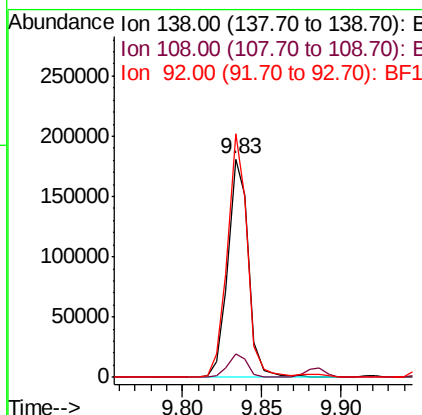
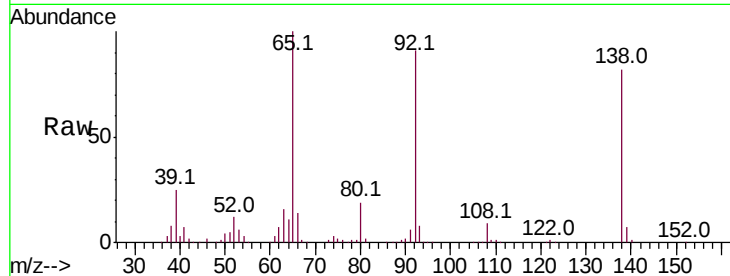
#53
3-Nitroaniline
Concen: 29.651 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:138 Resp: 163629
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 111.4 79.4 119.2

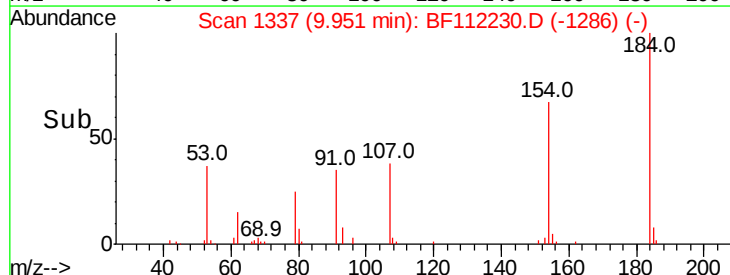
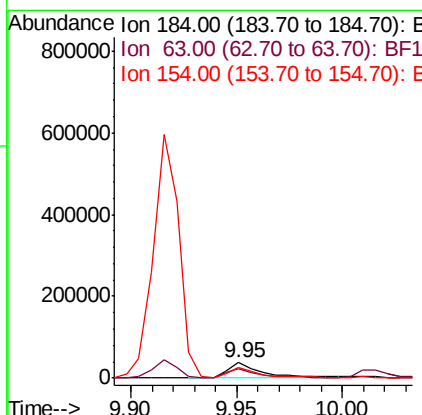
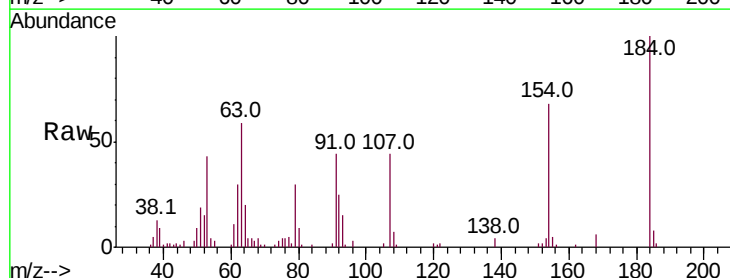
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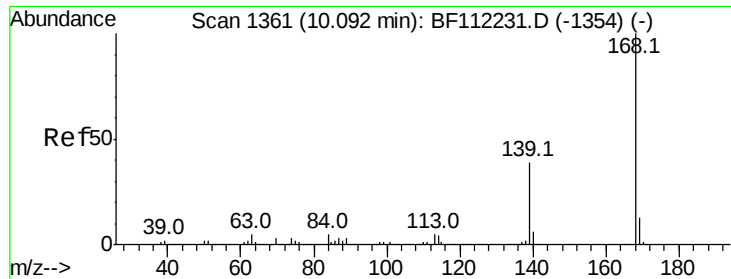
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#54
2,4-Dinitrophenol
Concen: 39.696 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion:184 Resp: 41754
Ion Ratio Lower Upper
184 100
63 59.4 47.1 70.7
154 68.0 48.9 73.3





#55

Dibenzofuran

Concen: 26.135 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:168 Resp: 782634

Ion Ratio Lower Upper

168 100

139 41.0 29.2 43.8

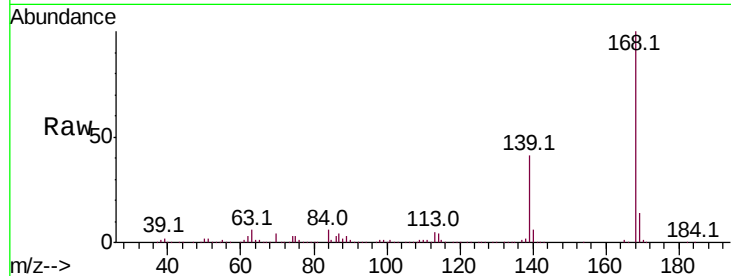
169 13.9 11.4 17.0

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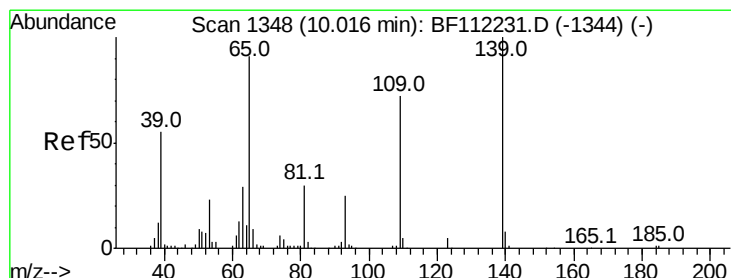
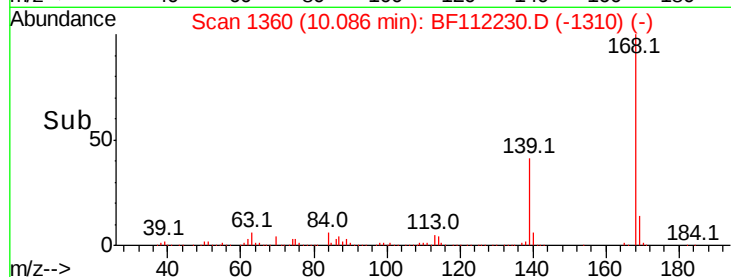
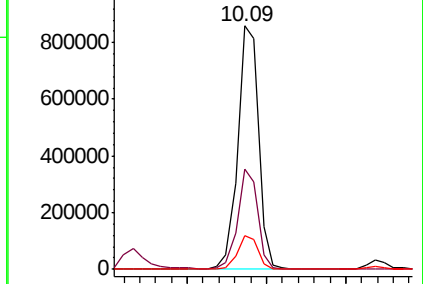
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 22.887 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

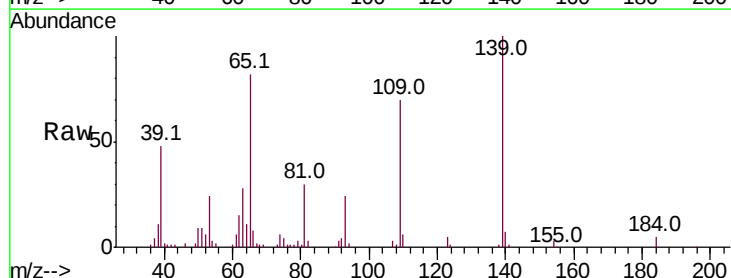
Tgt Ion:139 Resp: 78502

Ion Ratio Lower Upper

139 100

109 69.8 42.8 82.8

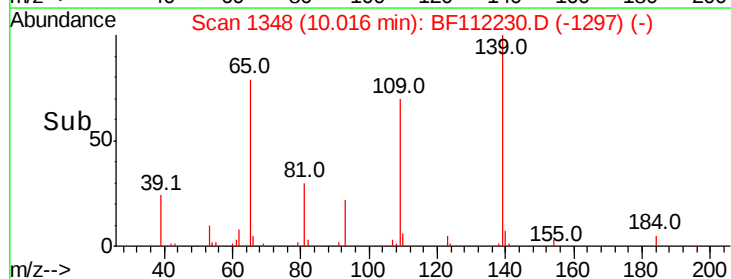
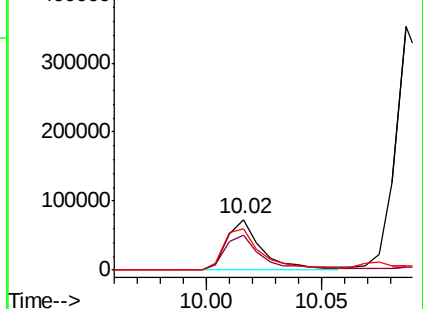
65 82.4 66.1 106.1

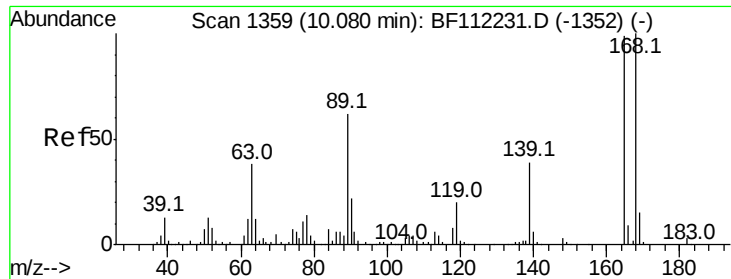


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





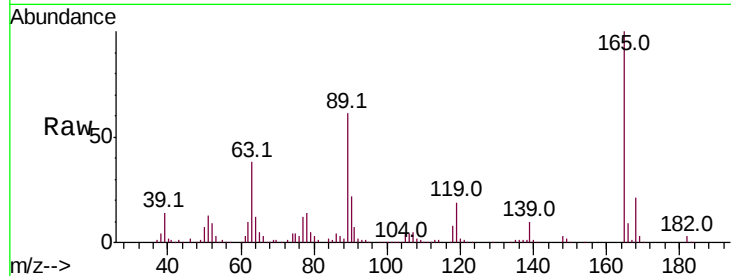
#57
2,4-Dinitrotoluene
Concen: 31.934 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

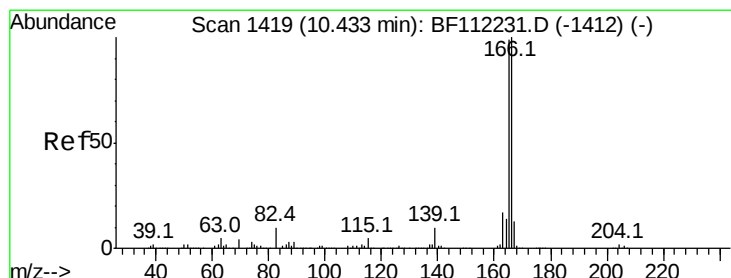
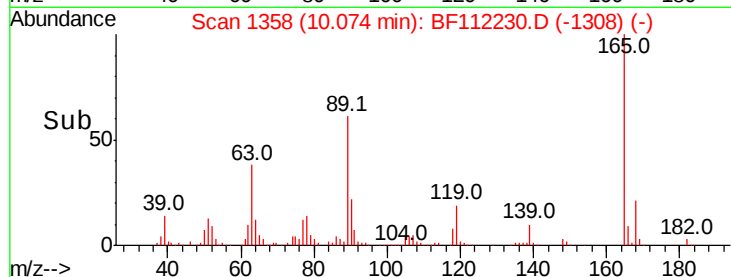
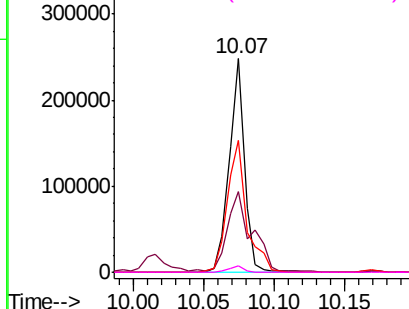
Tot Ion	Ratio	Resp	Lower	Upper
165	100	187789		
63	37.8	27.9	41.9	
89	61.4	47.9	71.9	
182	2.9	2.2	3.4	

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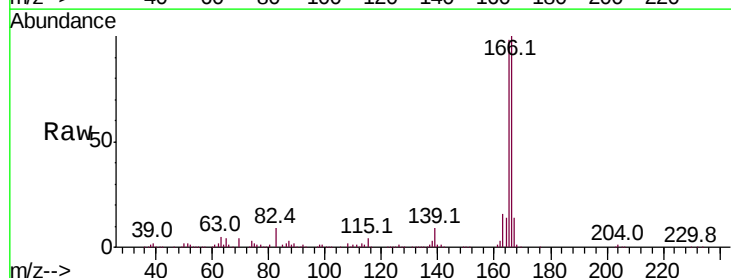


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

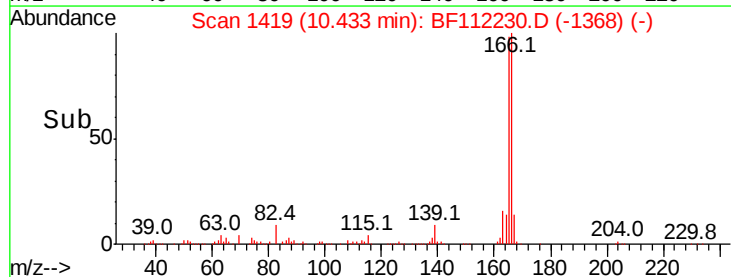
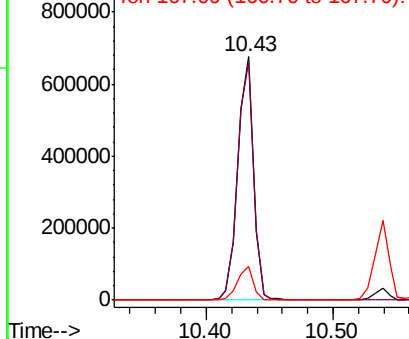


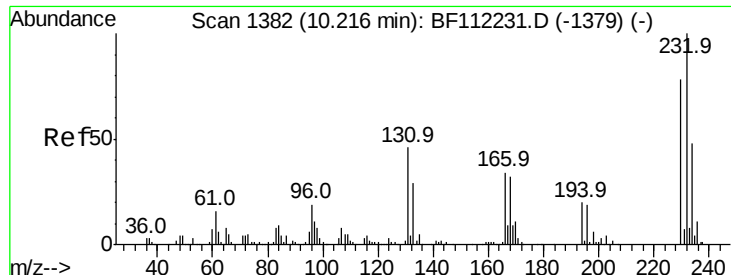
#58
Fluorene
Concen: 25.594 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	572641		
165	98.0	77.1	115.7	
167	13.7	11.3	16.9	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





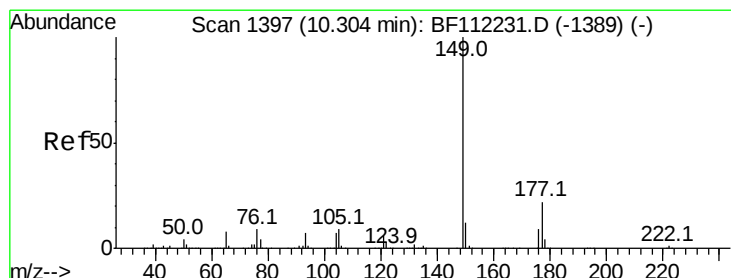
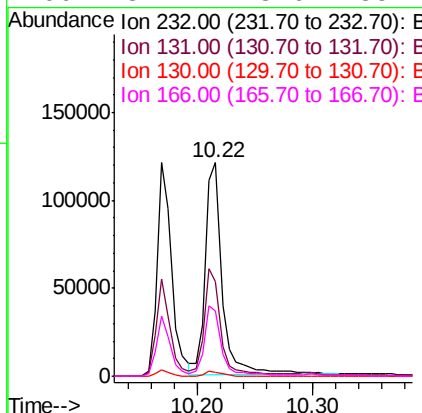
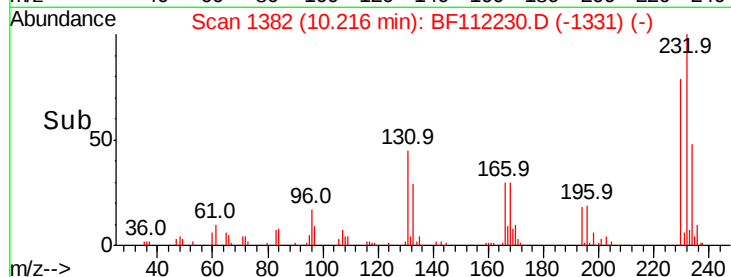
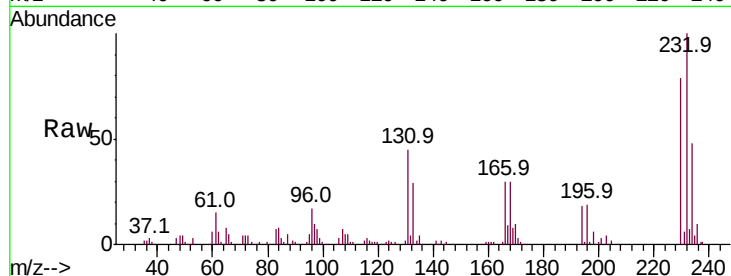
#59
2,3,4,6-Tetrachlorophenol
Concen: 24.154 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
232	100	126360		
131	49.1		33.9	50.9
130	2.2		1.8	2.6
166	31.7		23.6	35.4

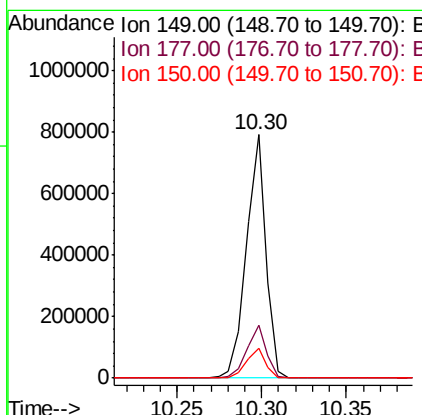
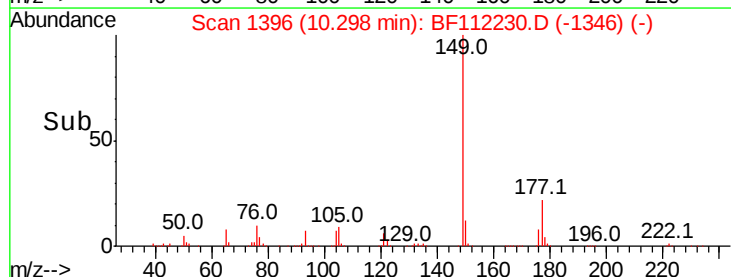
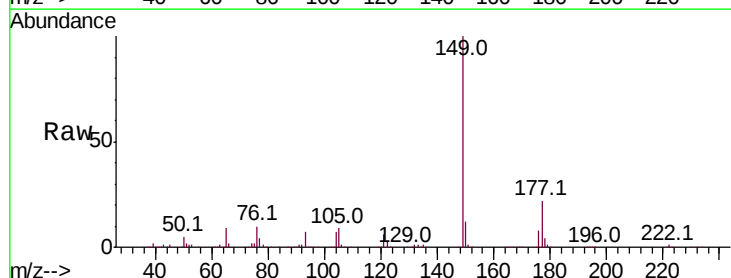
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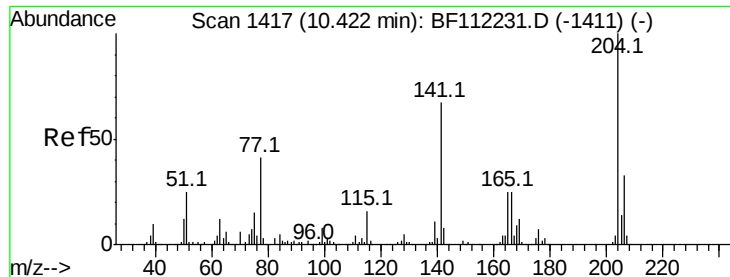
mohammad
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#60
Diethylphthalate
Concen: 26.633 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	642430		
177	21.7		18.2	27.2
150	12.2		10.4	15.6





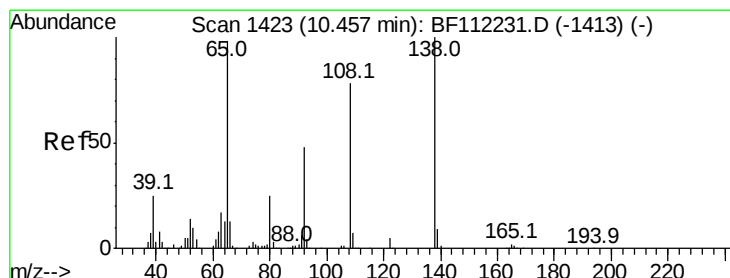
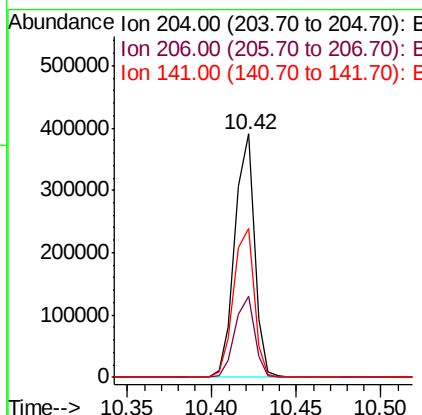
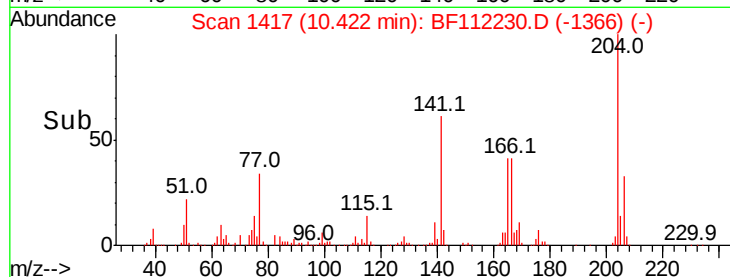
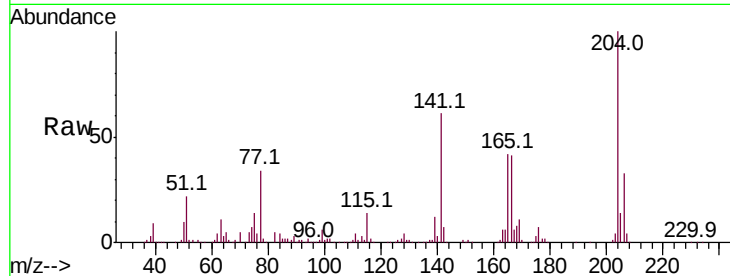
#61
 4-Chlorophenyl-phenylether
 Concen: 26.176 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC025

Tot Ion:	204	Resp:	316028
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	60.9	45.9	68.9

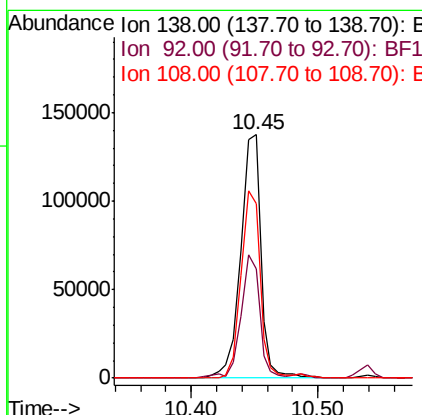
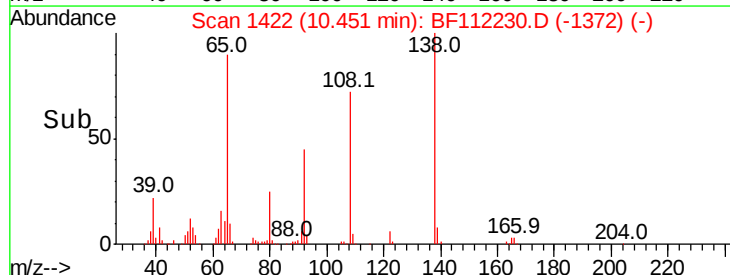
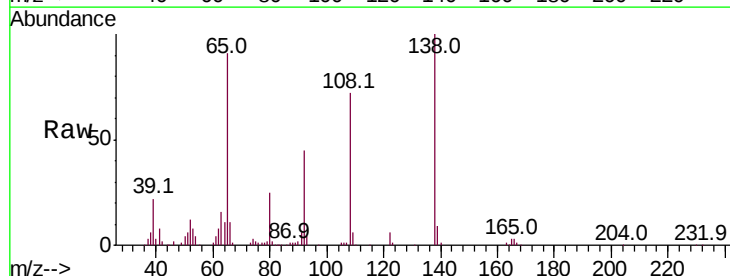
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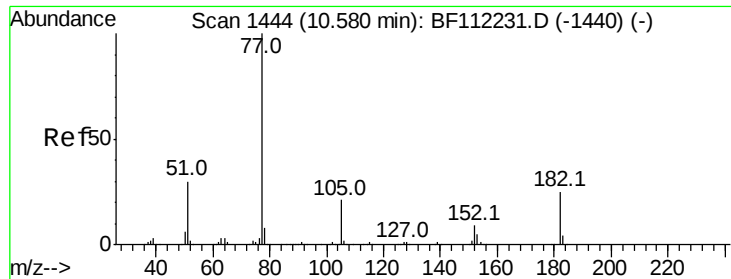
mohammad
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#62
 4-Nitroaniline
 Concen: 27.806 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Tgt Ion:	138	Resp:	152371
Ion Ratio	Lower	Upper	
138	100		
92	44.9	30.6	70.6
108	71.9	50.0	90.0





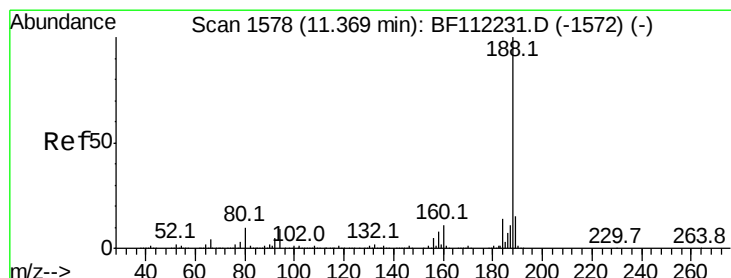
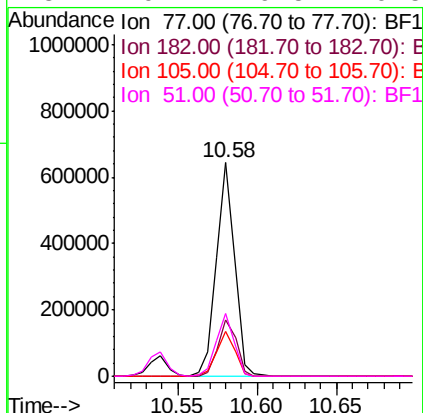
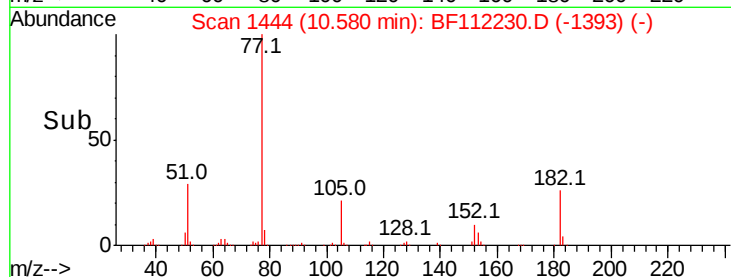
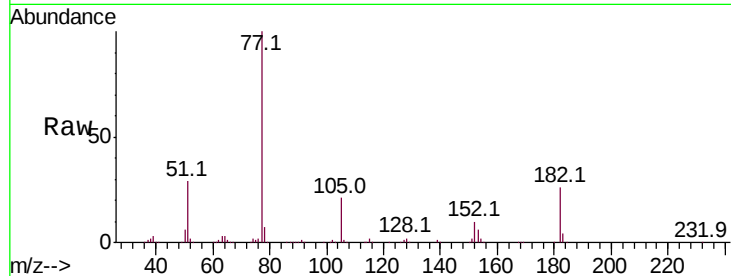
#63
Azobenzene
Concen: 22.218 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.7	45.7
105	21.2	1.4	41.4
51	29.2	9.5	49.5

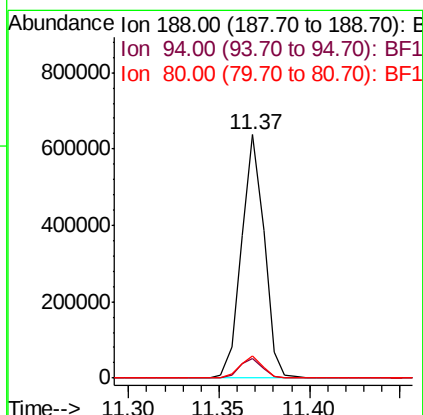
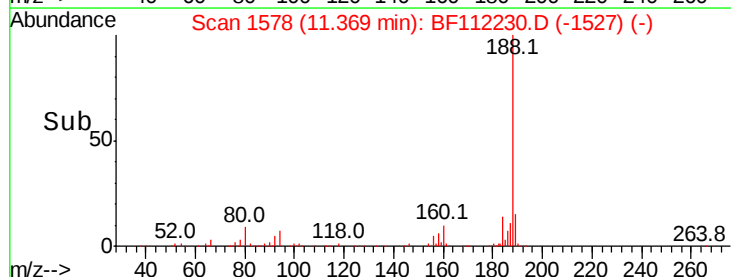
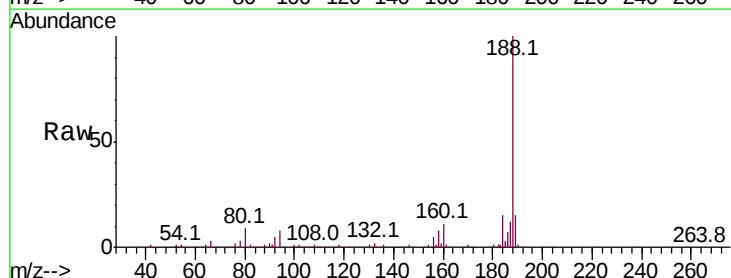
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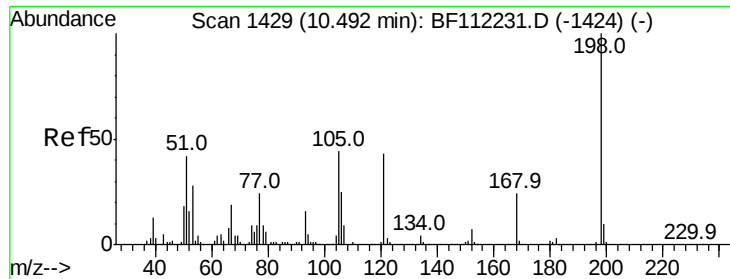
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.0	8.9	13.3





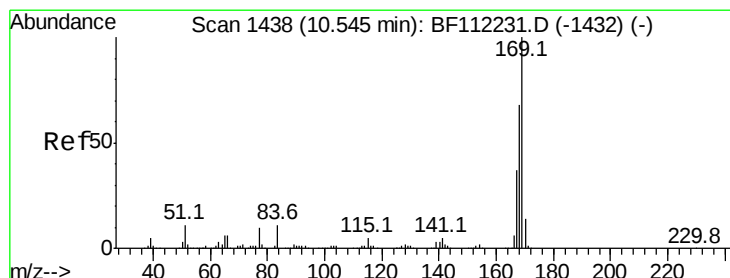
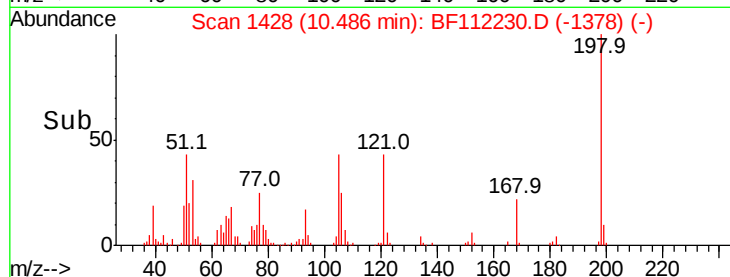
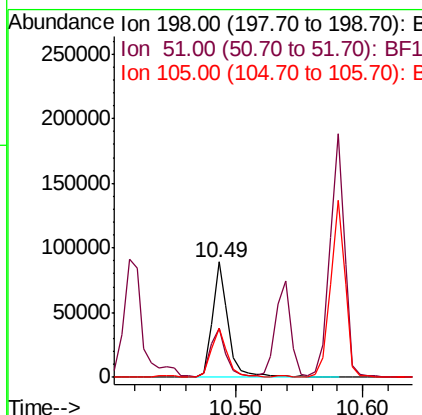
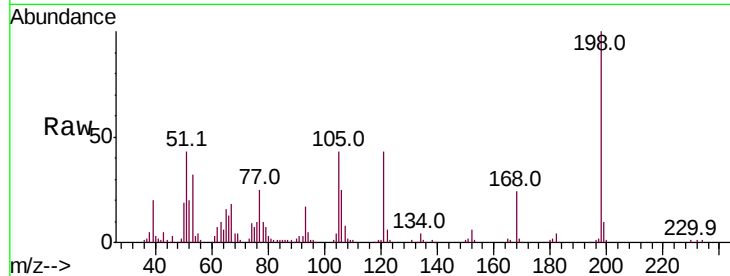
#65
4,6-Dinitro-2-methylphenol
Concen: 40.322 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleID :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.7	17.2	57.2
105	43.1	21.9	61.9

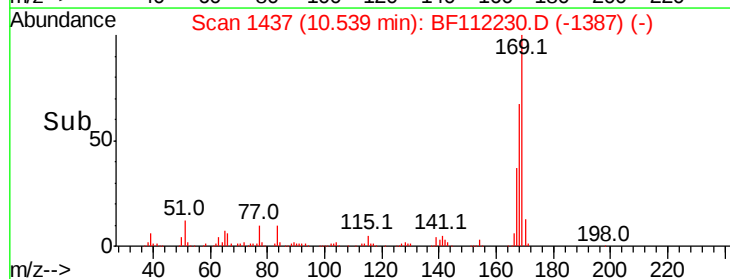
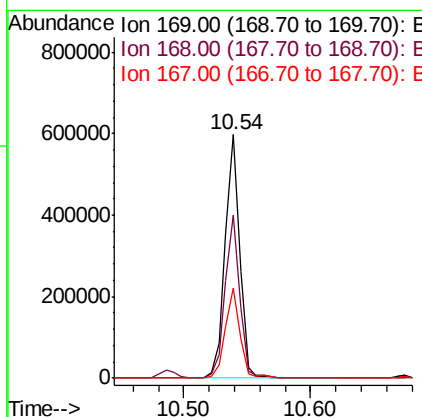
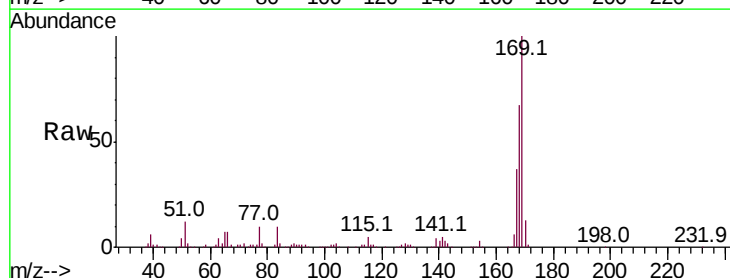
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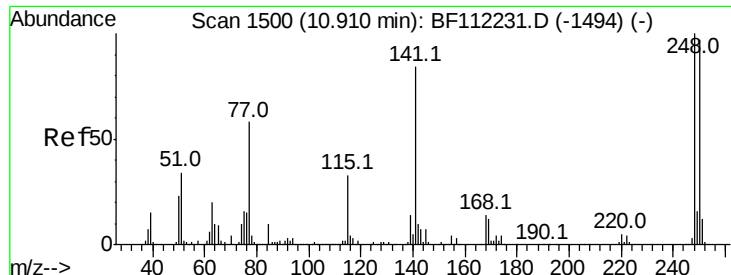
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 26.171 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	36.9	28.9	43.3





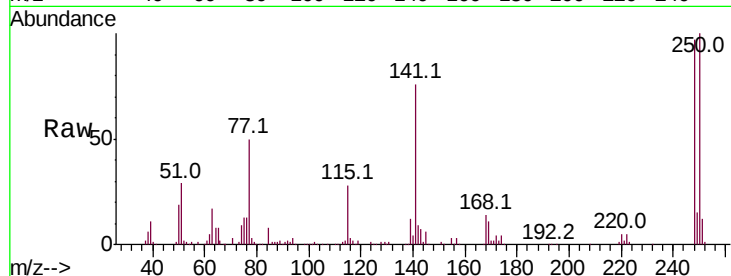
#67
4-Bromophenyl-phenylether
Concen: 25.872 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.8	79.7	119.5
141	78.4	60.3	90.5

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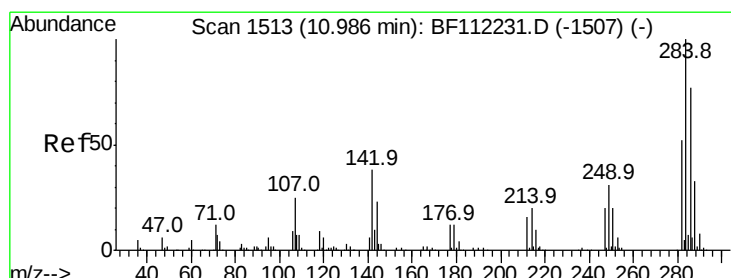
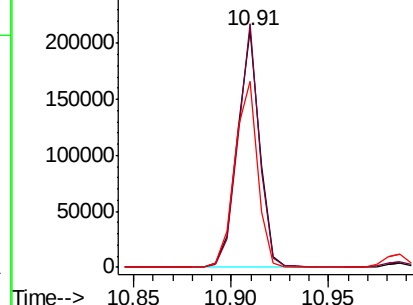
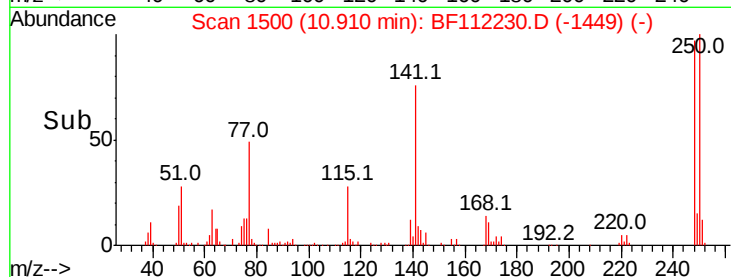


Abundance

Ion 248.00 (247.70 to 248.70): E

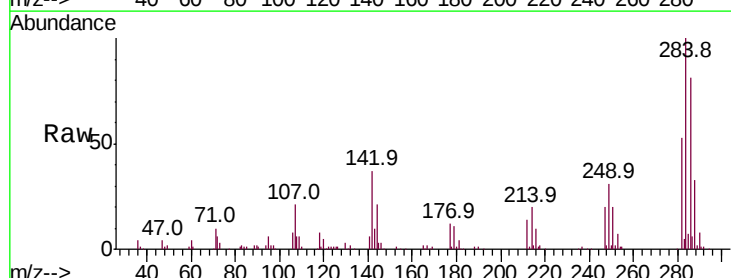
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 25.794 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	27.6	41.4
249	30.7	24.1	36.1

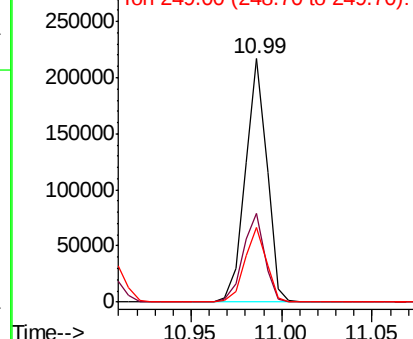
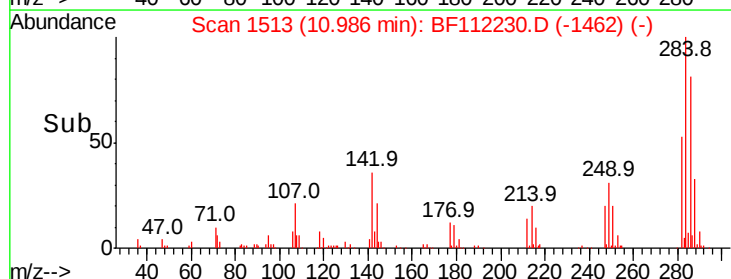


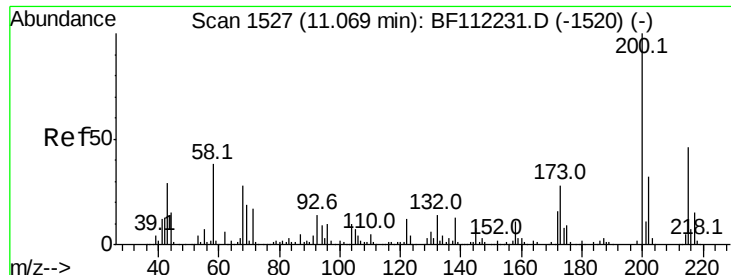
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





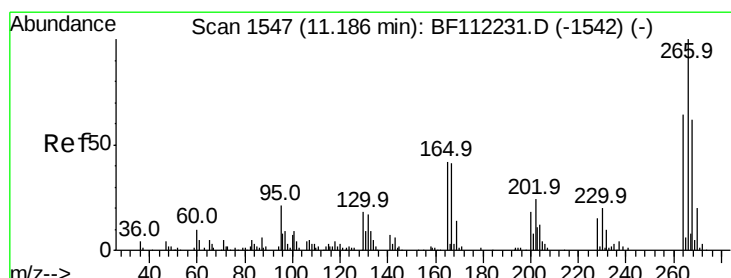
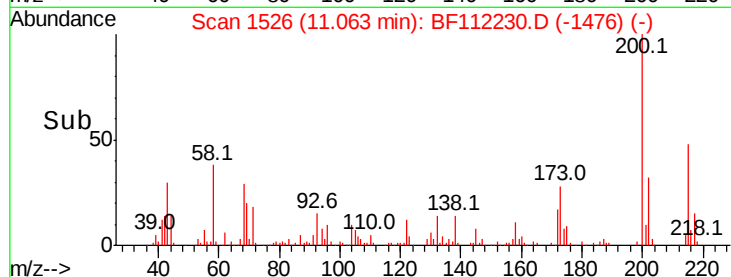
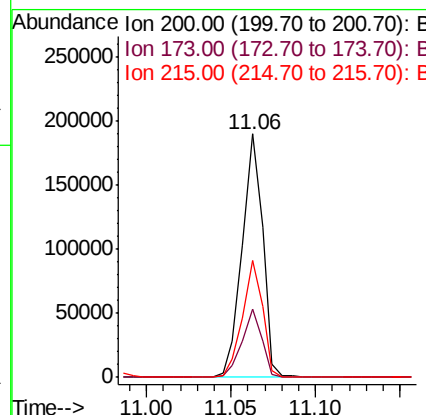
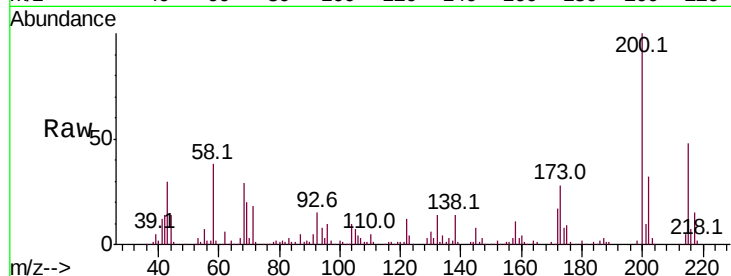
#69
Atrazine
Concen: 27.325 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.1	47.1
215	47.8	30.4	70.4

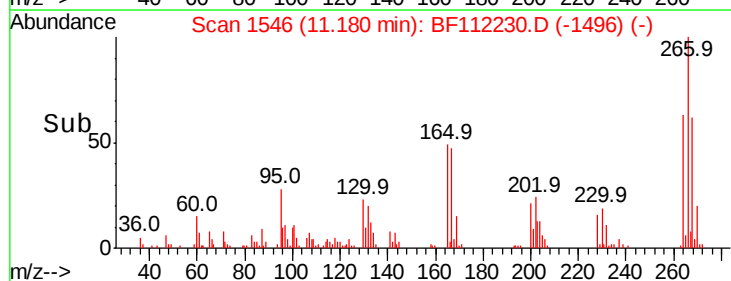
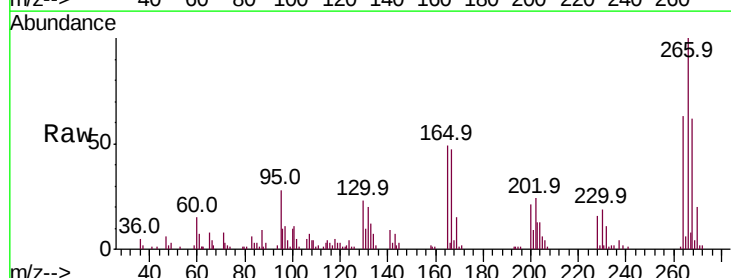
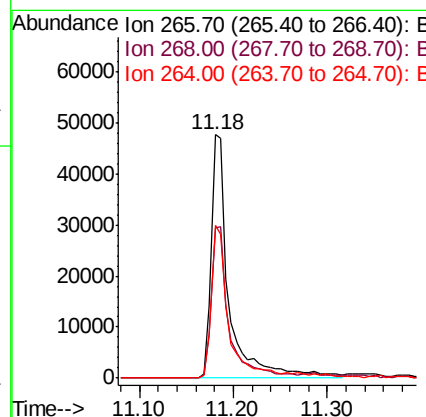
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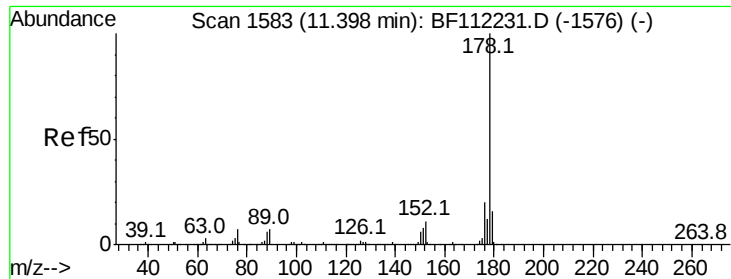
mohammad
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#70
Pentachlorophenol
Concen: 22.370 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.2	76.8
264	62.6	50.9	76.3





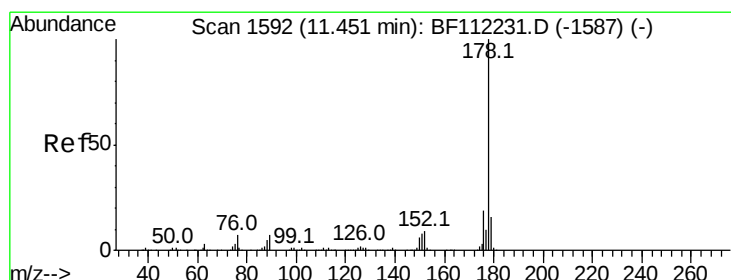
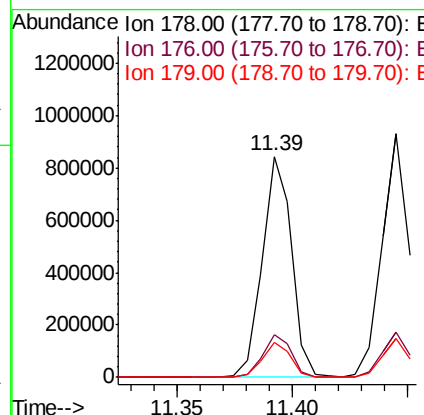
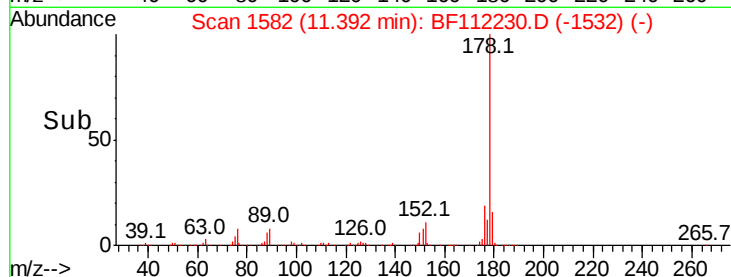
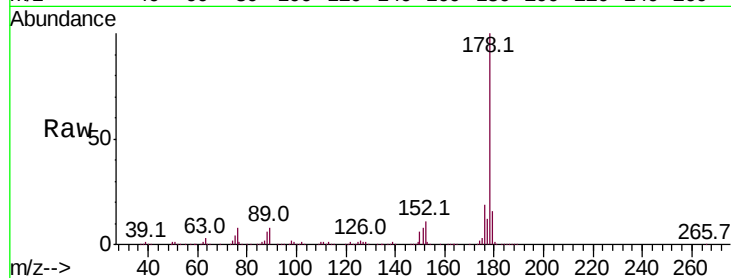
#71
Phenanthrene
Concen: 26.859 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.7	13.0	19.4

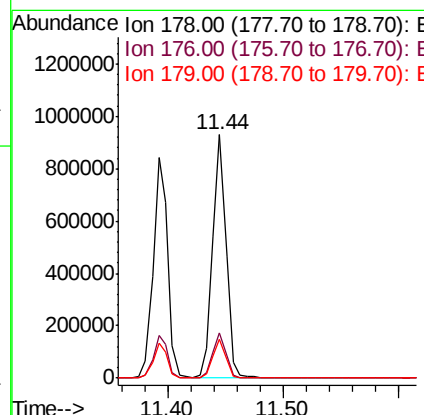
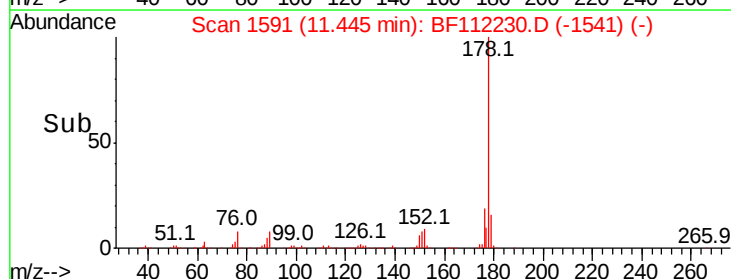
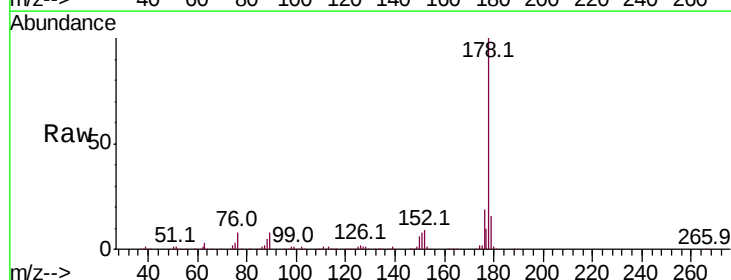
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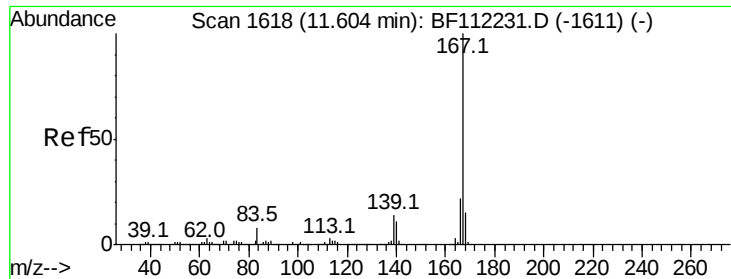
mohammad
1/29/2019 12:31:10 AM



#72
Anthracene
Concen: 26.958 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.8	12.8	19.2





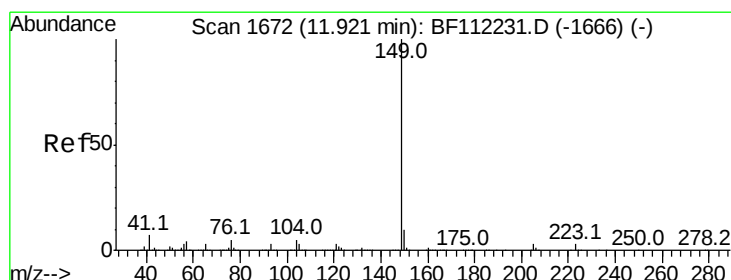
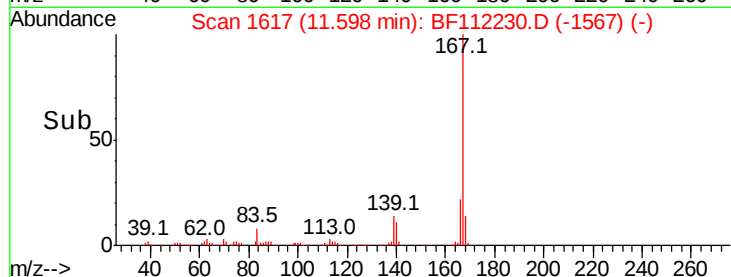
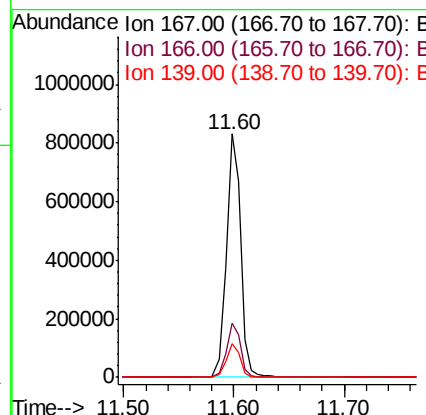
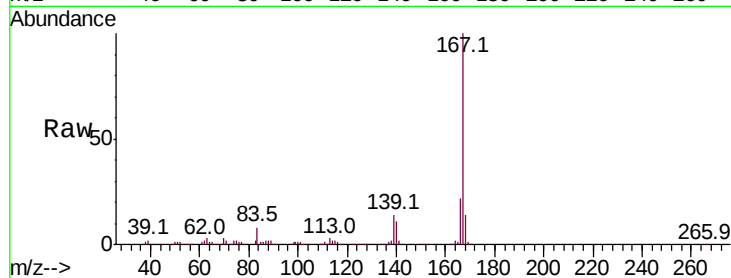
#73
 Carbazole
 Concen: 26.498 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.1	17.9	26.9	
139	14.1	10.2	15.2	

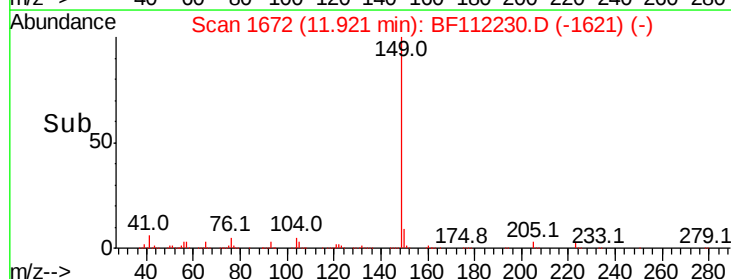
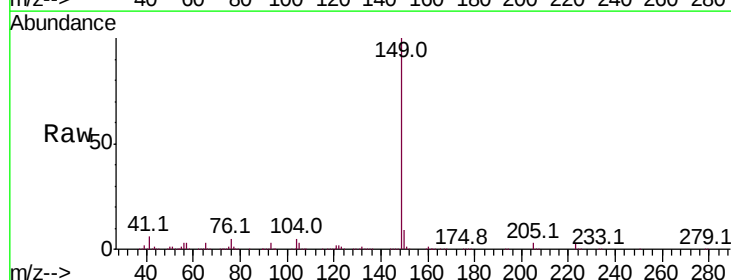
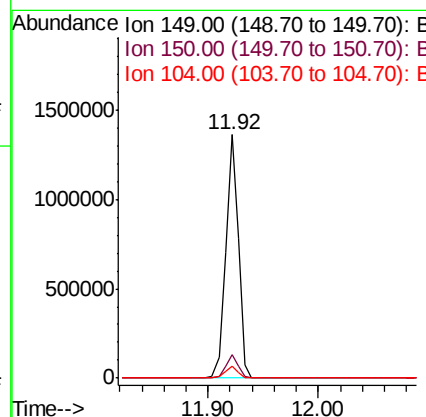
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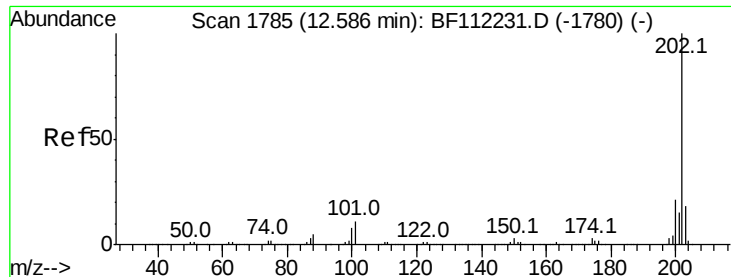
mohammad
 1/29/2019 12:31:10 AM



#74
 Di-n-butylphthalate
 Concen: 34.019 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	8.1	12.1	
104	4.9	3.9	5.9	





#75

Fluoranthene

Concen: 34.518 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

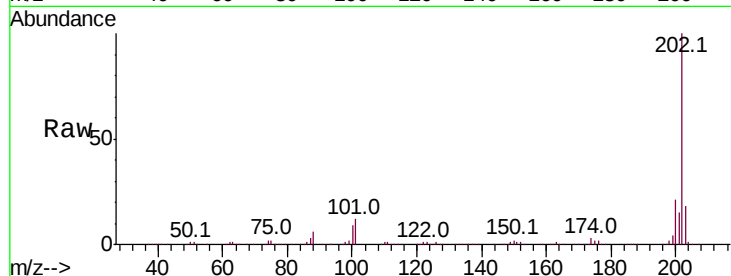
ClientSampled :

SSTDIC025

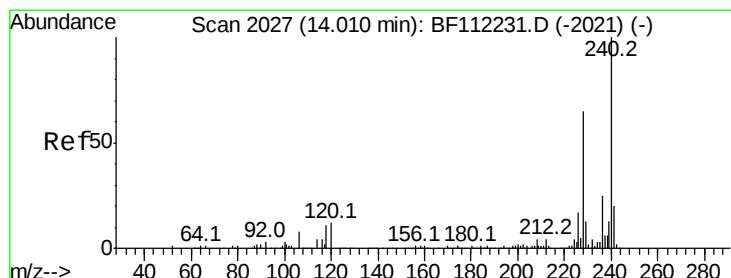
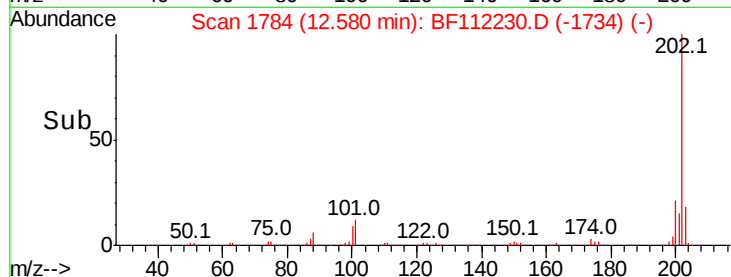
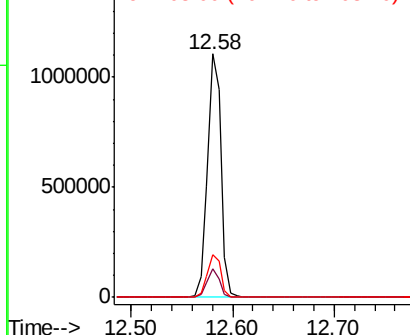
Tot Ion:	202	Resp:	1016723
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.8
203	17.7	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

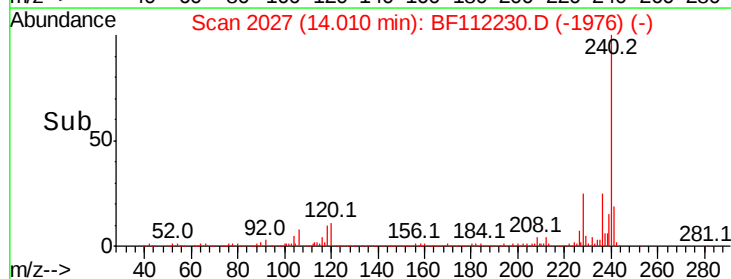
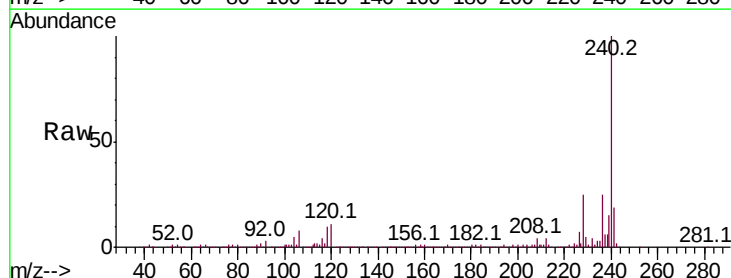
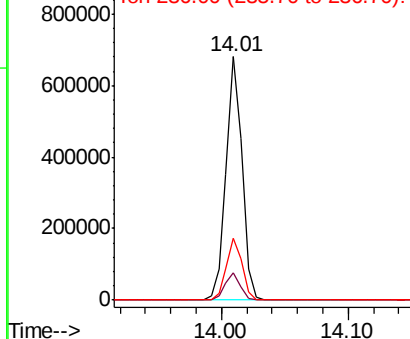
Delta R.T. 0.00 min

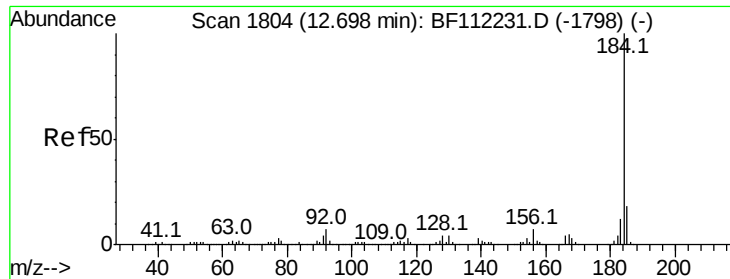
Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	240	Resp:	597554
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.0	13.6
236	25.2	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.813 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:184 Resp: 414963

Ion Ratio Lower Upper

184 100

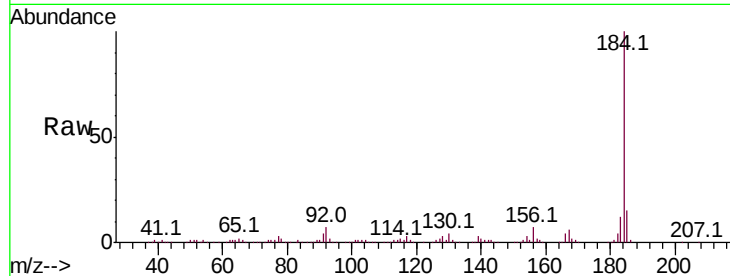
185 15.4 13.9 20.9

183 11.9 10.0 15.0

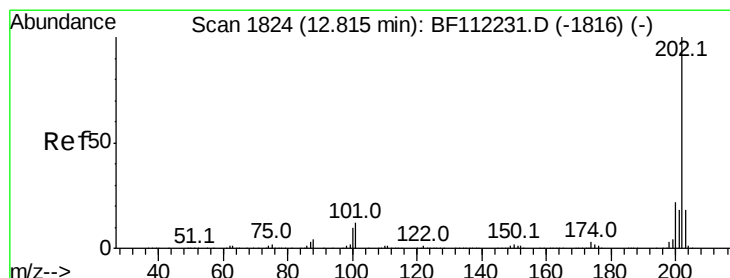
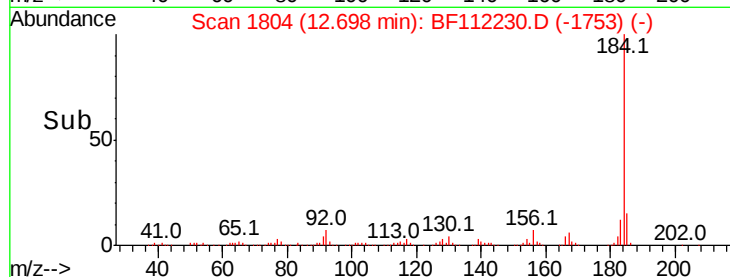
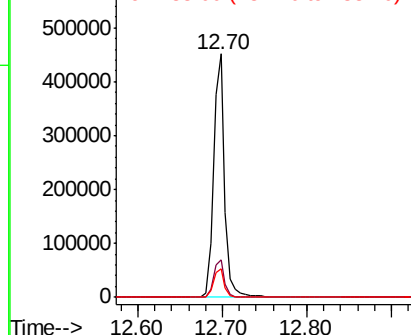
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.456 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

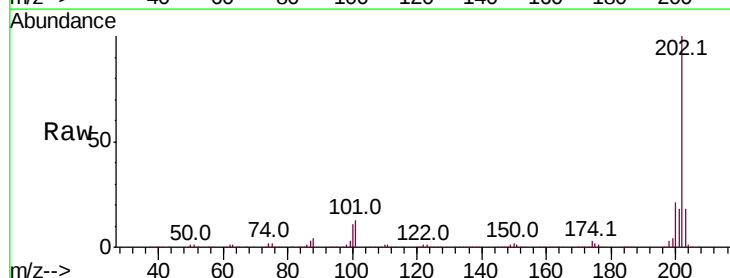
Tgt Ion:202 Resp: 1043021

Ion Ratio Lower Upper

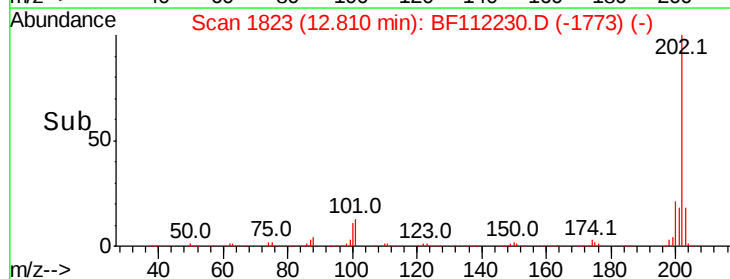
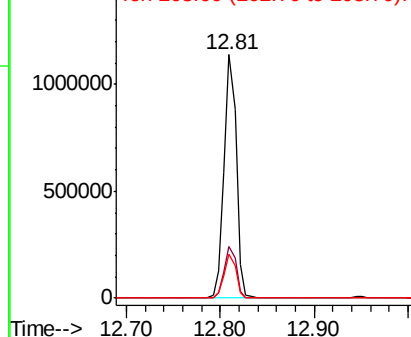
202 100

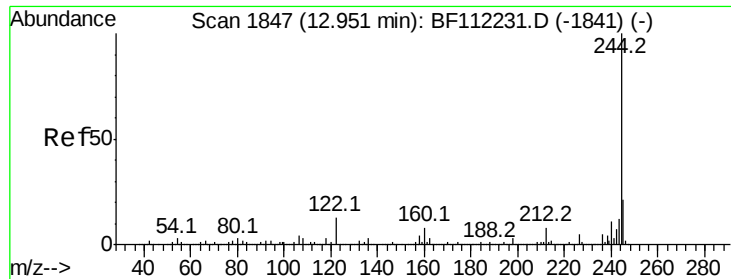
200 21.2 17.7 26.5

203 17.9 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





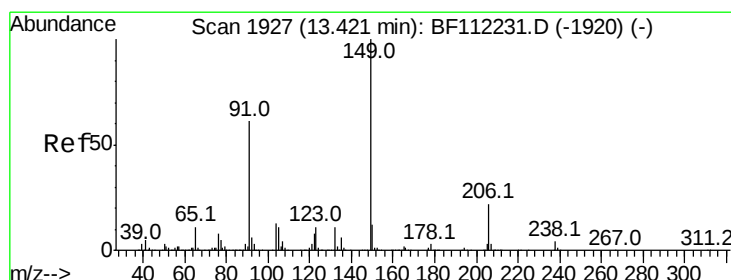
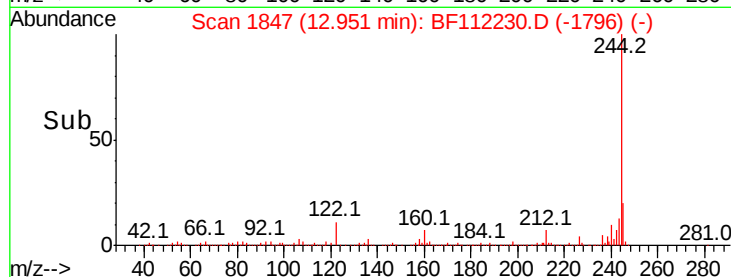
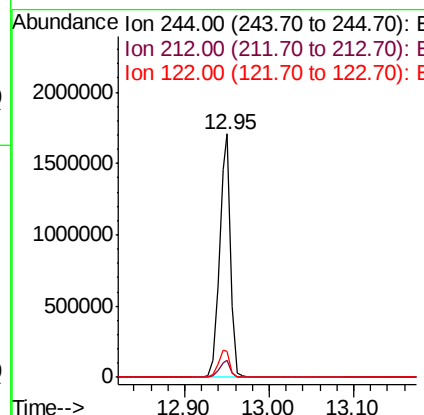
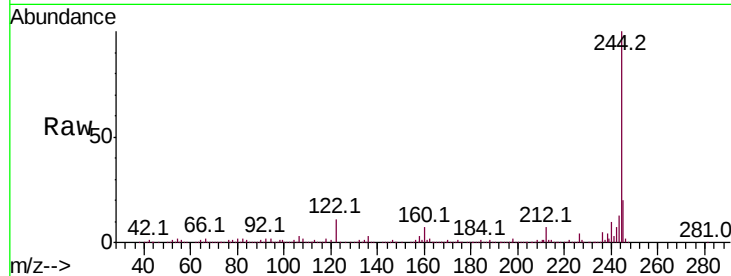
#79
 Terphenyl-d14
 Concen: 56.500 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:244 Resp: 1587003
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.6 9.8 14.6

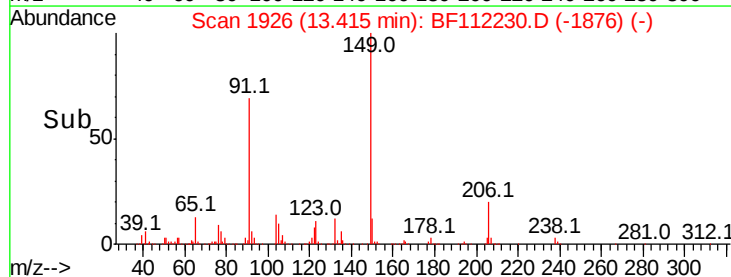
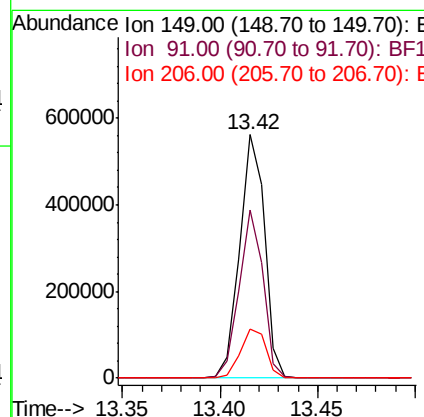
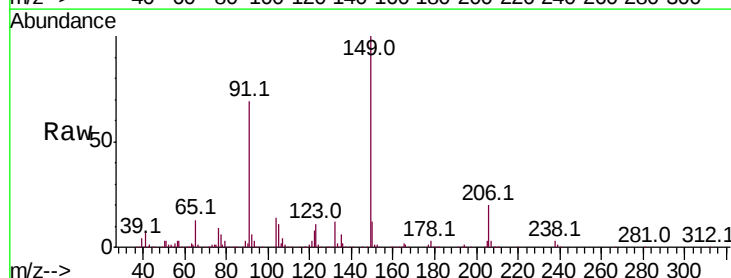
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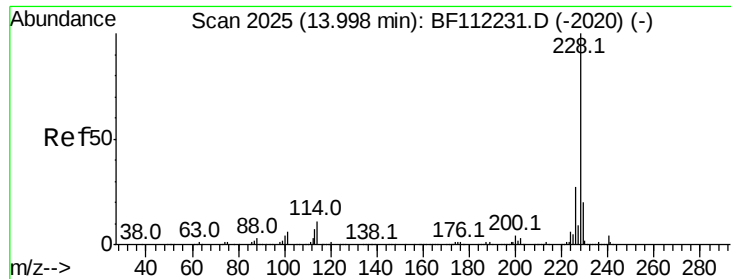
mohammad
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#80
 Butylbenzylphthalate
 Concen: 28.816 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112230.D
 Acq: 25 Jan 2019 13:48

Tgt Ion:149 Resp: 498387
 Ion Ratio Lower Upper
 149 100
 91 68.9 50.3 75.5
 206 20.1 18.2 27.4





#81

Benzo(a)anthracene

Concen: 25.856 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

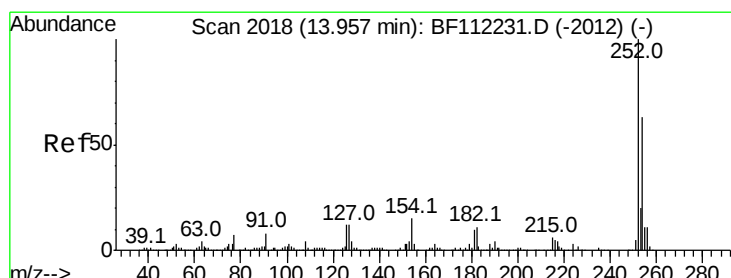
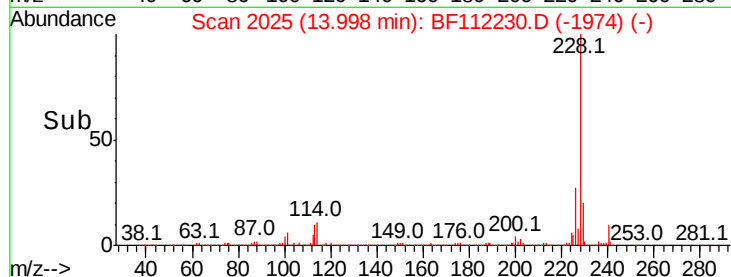
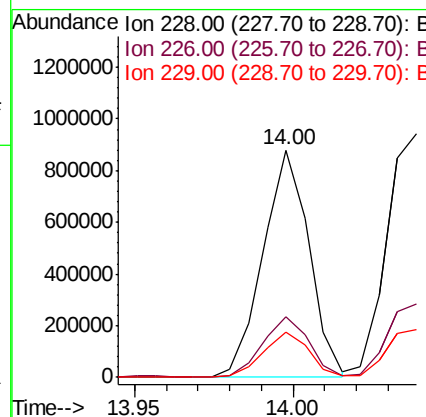
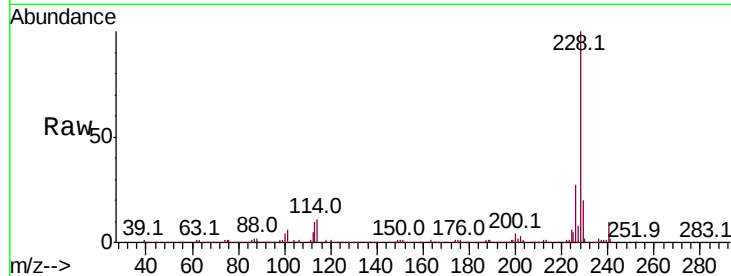
ClientSampleId :

SSTDIC025

Tot Ion:	228	Resp:	885885
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	34.0
229	19.9	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 27.190 ng

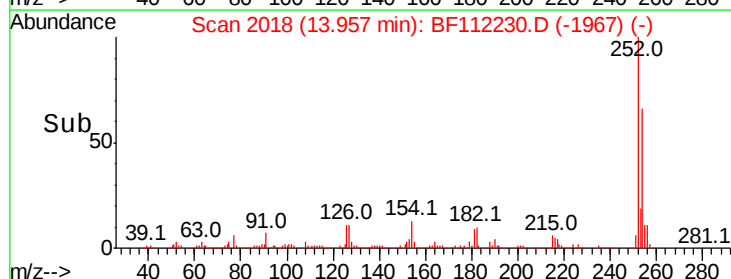
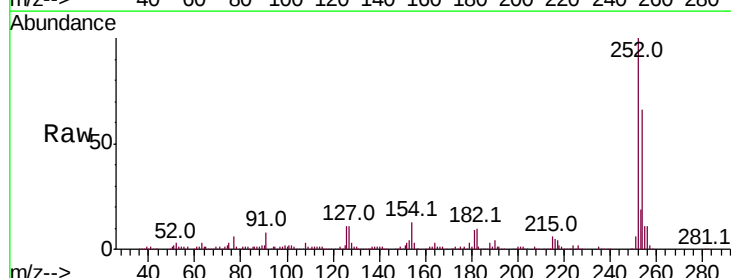
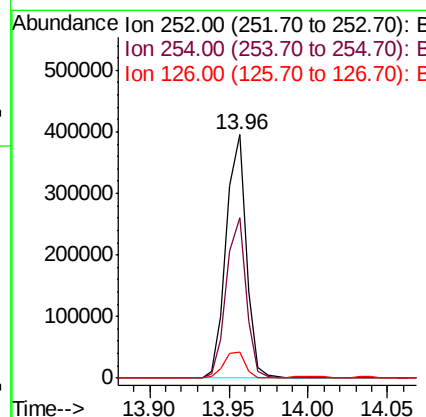
RT: 13.96 min Scan# 2018

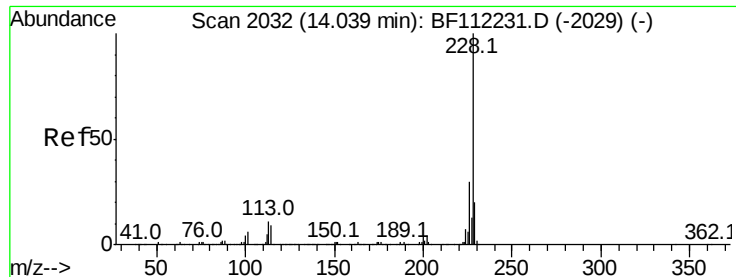
Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	252	Resp:	348872
Ion Ratio	Lower	Upper	
252	100		
254	65.7	51.6	77.4
126	10.6	8.6	12.8





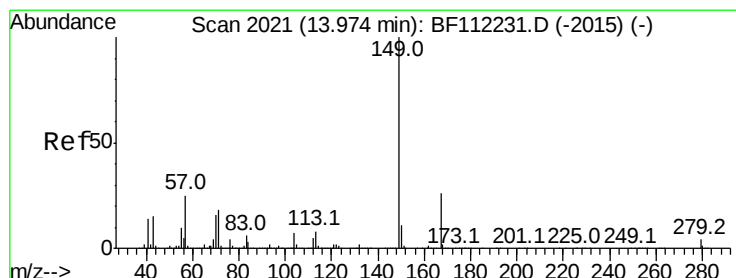
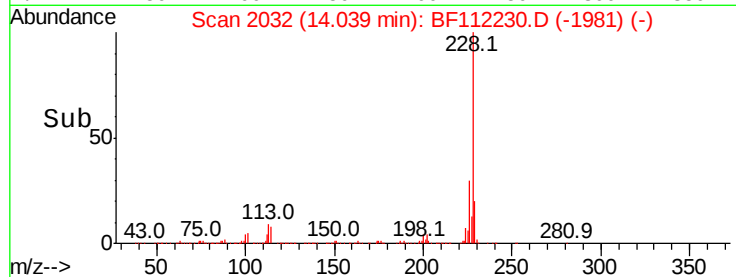
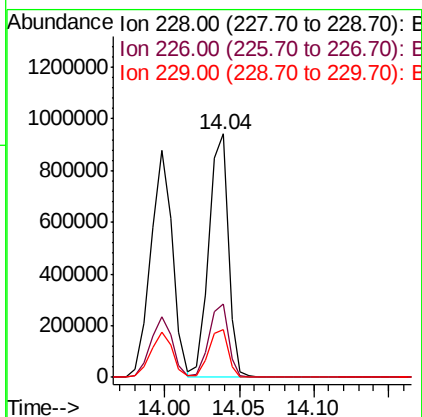
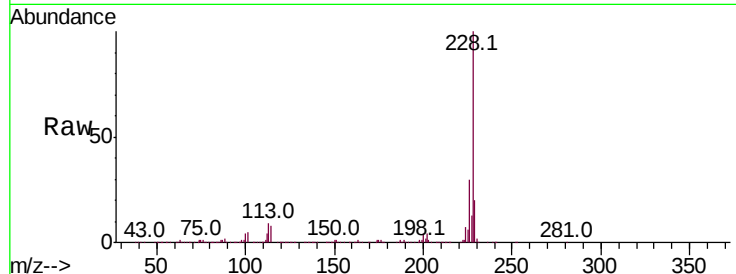
#83
Chrysene
Concen: 26.258 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.6	16.6	24.8

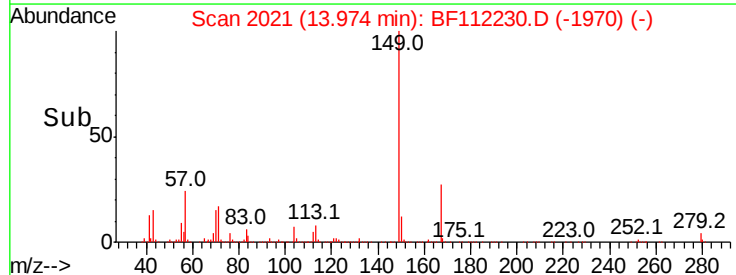
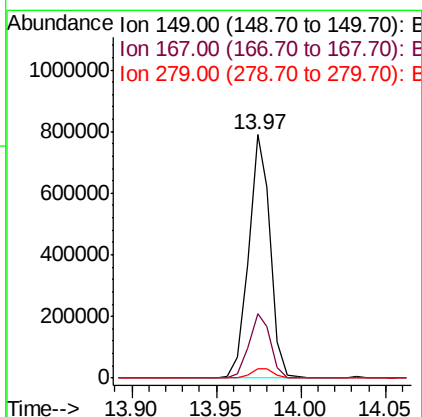
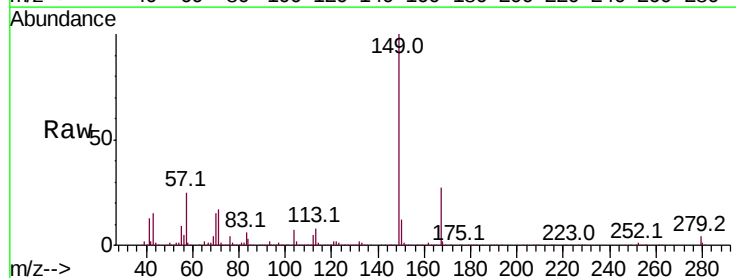
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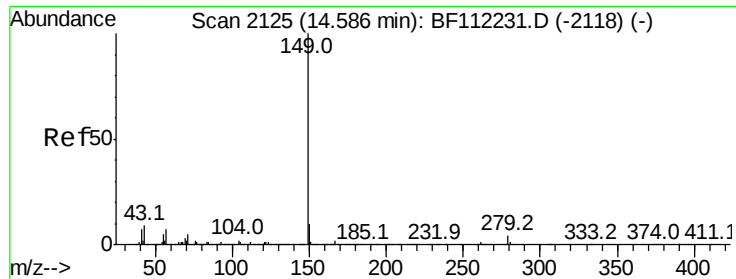
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 28.212 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.5	33.7
279	3.7	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 28.163 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1075579

Ion Ratio Lower Upper

149 100

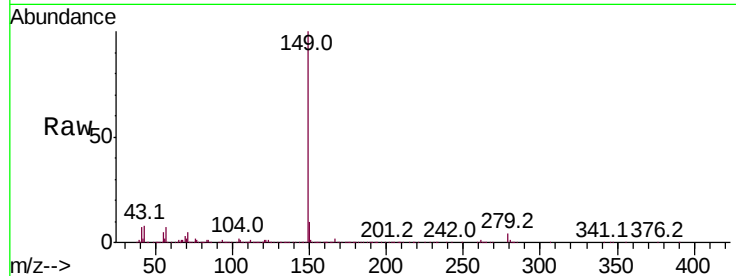
167 1.6 1.3 1.9

43 8.6 7.8 11.6

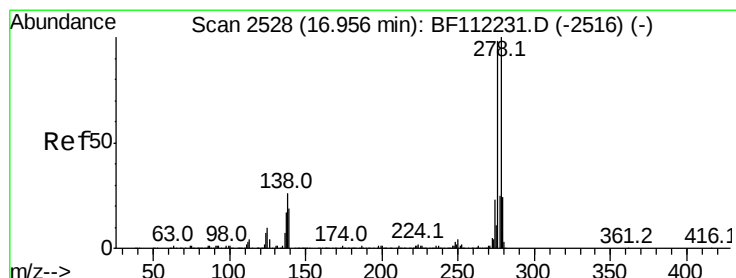
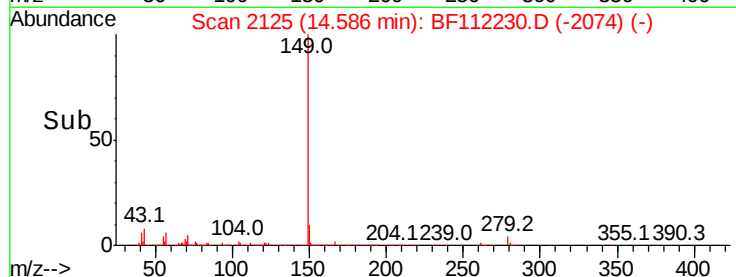
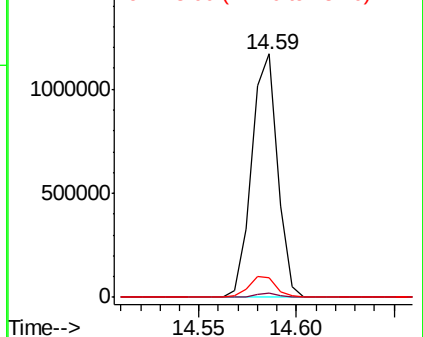
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 20.960 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

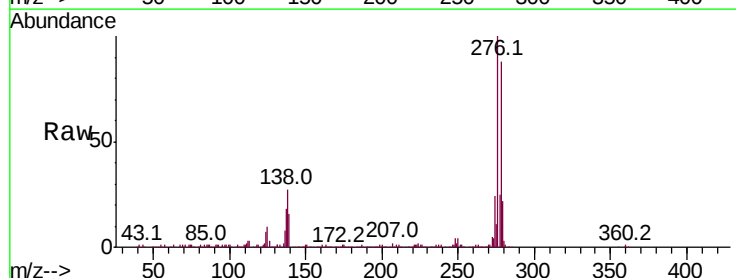
Tgt Ion:276 Resp: 626907

Ion Ratio Lower Upper

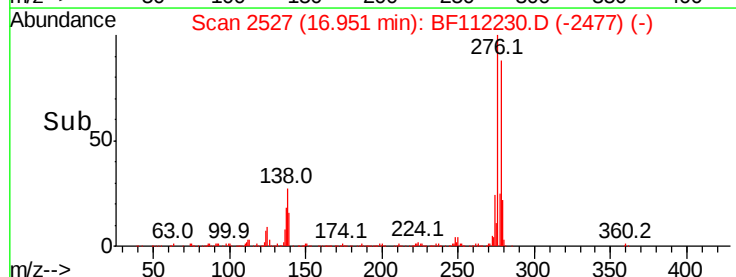
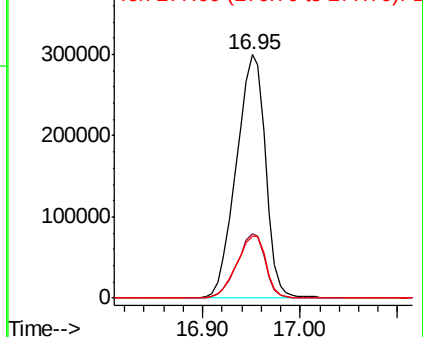
276 100

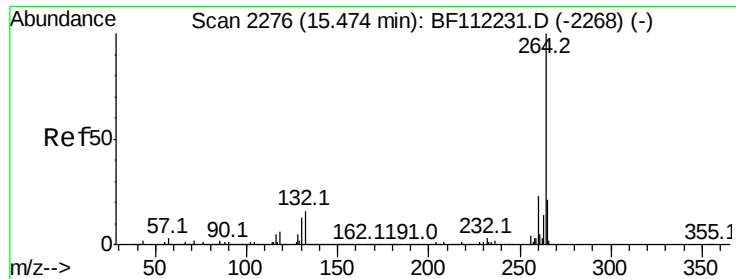
138 25.8 22.6 34.0

277 25.9 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

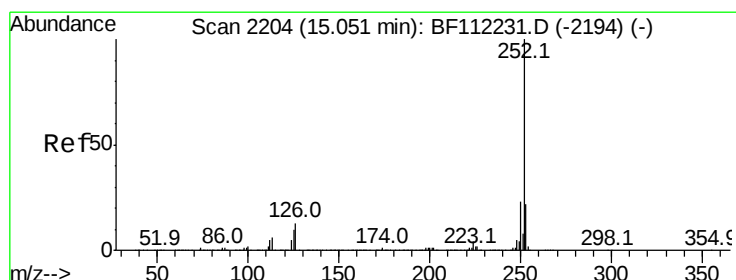
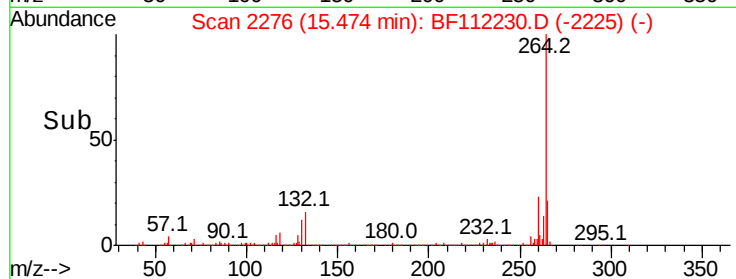
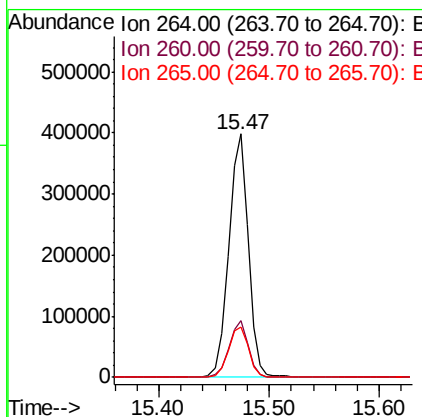
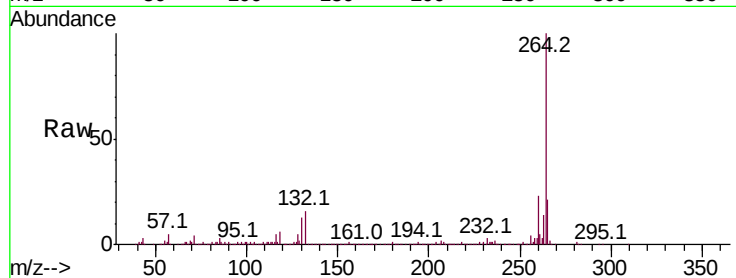
ClientSampled :

SSTDICC025

Tot Ion:	264	Resp:	496147
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.2
265	20.6	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 25.493 ng

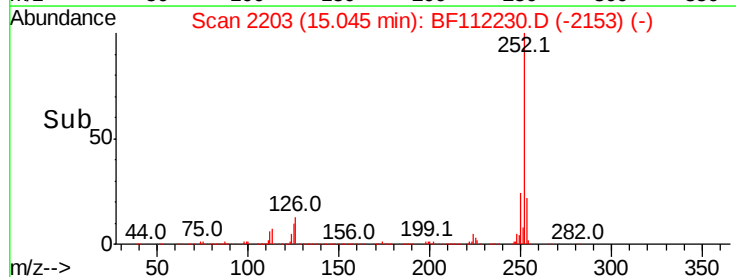
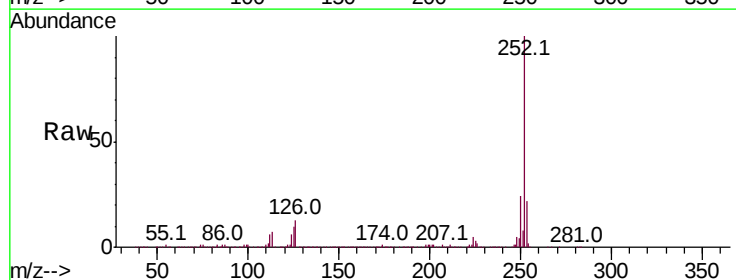
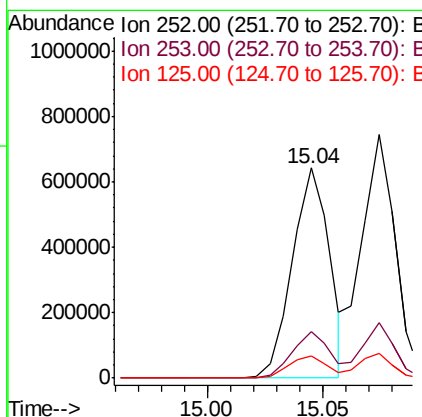
RT: 15.04 min Scan# 2203

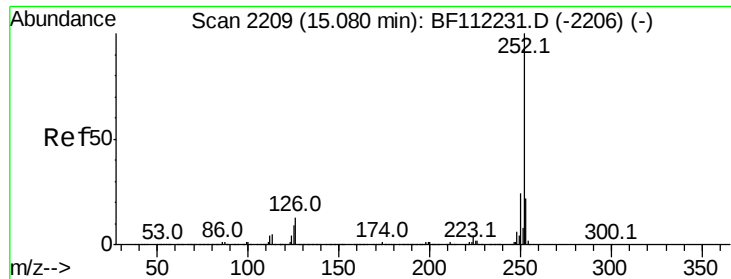
Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	252	Resp:	717967
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	10.4	8.7	13.1





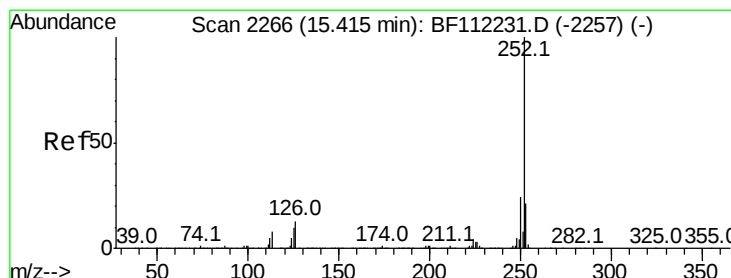
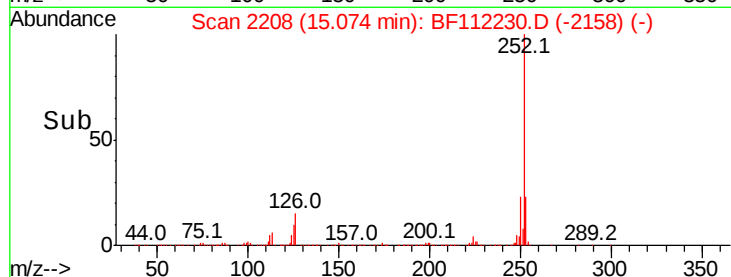
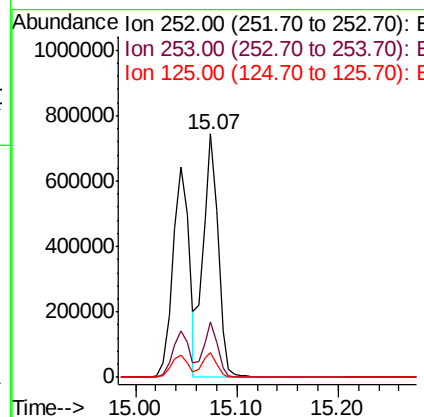
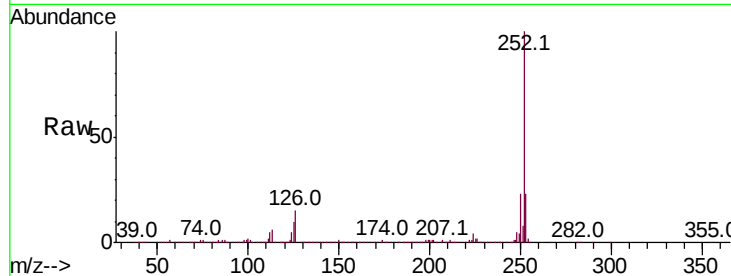
#89
Benzo(k)fluoranthene
Concen: 27.904 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.1	9.1	13.7

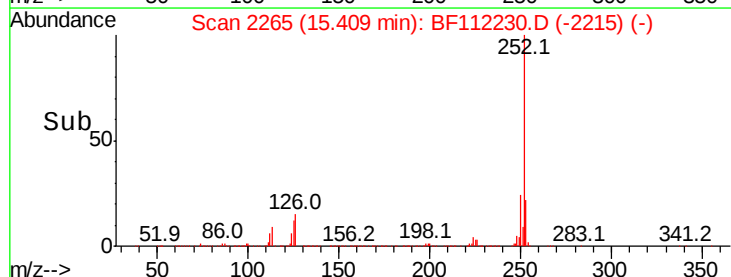
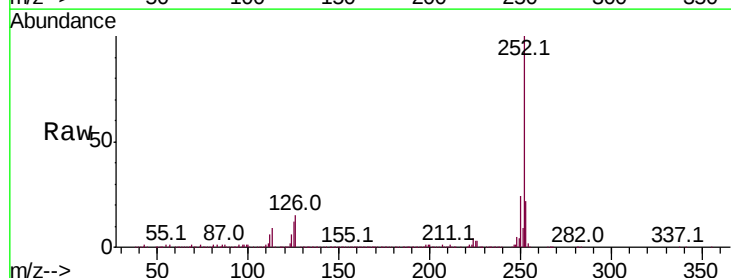
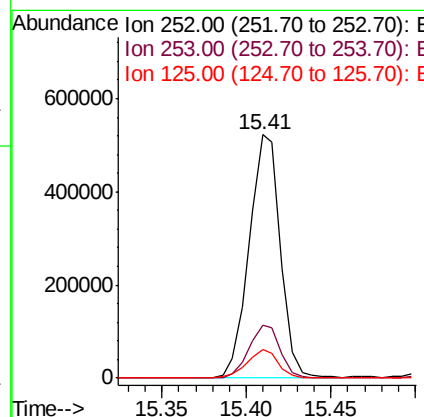
Manual Integrations
APPROVED

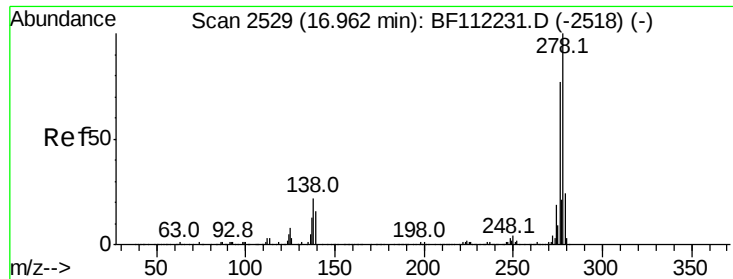
mohammad
1/29/2019 12:31:10 AM



#90
Benzo(a)pyrene
Concen: 26.016 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112230.D
Acq: 25 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.9	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 22.902 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Instrument :

BNA_F

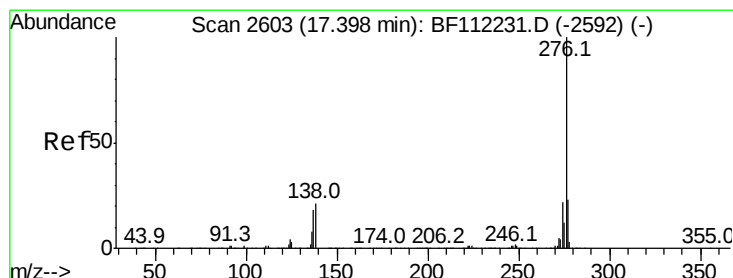
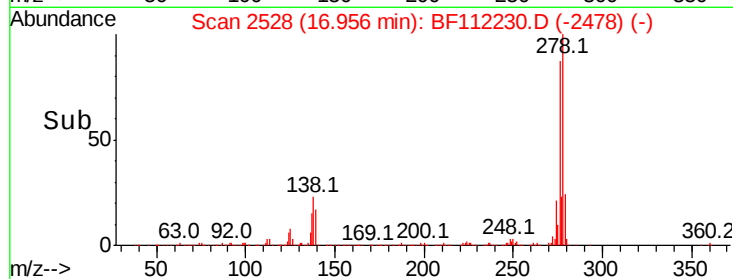
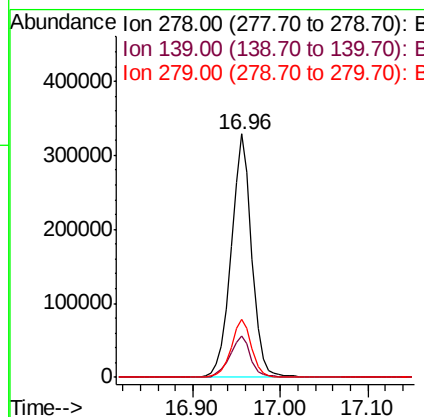
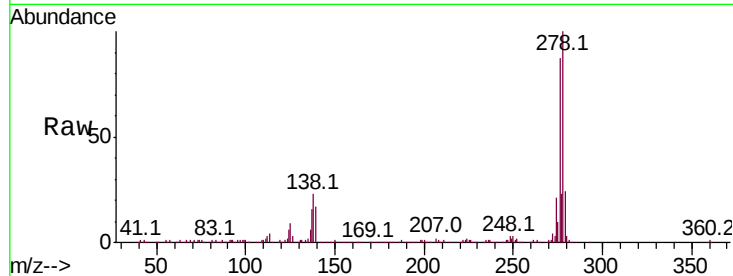
ClientSampleId :

SSTDIC025

Tot Ion:	278	Resp:	525357
Ion Ratio	Lower	Upper	
278	100		
139	17.0	13.7	20.5
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 12:31:10 AM



#92

Benzo(g,h,i)perylene

Concen: 21.655 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF112230.D

Acq: 25 Jan 2019 13:48

Tgt Ion:	276	Resp:	489386
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.4	29.0
138	22.4	19.1	28.7

