

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114694.D
 Acq On : 31 May 2019 8:55
 Operator : HP/JU
 Sample : PB119779BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:49:14 AM

Quant Time: May 31 13:57:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	439115	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1775929	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	895637	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1644318	20.00	ng	0.00
76) Chrysene-d12	13.83	240	876513	20.00	ng	0.00
87) Perylene-d12	15.22	264	868461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	2560556	102.38	ng	0.02
7) Phenol-d6	6.35	99	3175575	105.37	ng	0.00
23) Nitrobenzene-d5	7.26	82	2300776	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	959258	112.40	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4047851	84.88	ng	0.00
79) Terphenyl-d14	12.79	244	3947347	84.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	390924	32.571	ng	99
3) Pyridine	3.17	79	1075626	30.794	ng	99
4) n-Nitrosodimethylamine	3.11	42	435149	30.784	ng	98
6) Aniline	6.36	93	1061538	23.318	ng	97
8) 2-Chlorophenol	6.49	128	1061053	36.735	ng	99
9) Benzaldehyde	6.24	77	587781	32.951	ng	100
10) Phenol	6.36	94	1203624	33.059	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	959818	34.465	ng	100
12) 1,3-Dichlorobenzene	6.64	146	1115160	33.888	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1134963	34.380	ng	98
14) 1,2-Dichlorobenzene	6.87	146	1040630	34.624	ng	97
15) Benzyl Alcohol	6.85	79	863272	36.414	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1371686	32.113	ng	99
17) 2-Methylphenol	6.96	107	904374	37.019	ng	99
18) Hexachloroethane	7.22	117	422798	33.826	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	709345	34.098	ng	98
20) 3+4-Methylphenols	7.12	107	1017167	35.401	ng	# 85
22) Acetophenone	7.11	105	1388635	36.698	ng	# 100
24) Nitrobenzene	7.28	77	1078853	35.679	ng	97
25) Isophorone	7.53	82	2028965	35.517	ng	100
26) 2-Nitrophenol	7.60	139	607025	41.242	ng	97
27) 2,4-Dimethylphenol	7.64	122	1010721	41.289	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	1284737	35.329	ng	99
29) 2,4-Dichlorophenol	7.84	162	952661	38.235	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1020307	35.943	ng	98
31) Naphthalene	8.00	128	2924115	35.746	ng	99
32) Benzoic acid	7.78	122	714939	44.966	ng	98
33) 4-Chloroaniline	8.05	127	870869	22.345	ng	98
34) Hexachlorobutadiene	8.13	225	553408	35.093	ng	99
35) Caprolactam	8.43	113	299710m	35.644	ng	
36) 4-Chloro-3-methylphenol	8.54	107	960451	38.438	ng	99
37) 2-Methylnaphthalene	8.69	142	2086018	38.380	ng	99
38) 1-Methylnaphthalene	8.79	142	1988586	38.617	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	880852	36.931	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1130838	71.747	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	705930	37.615	nq	99
44) 2,4,5-Trichlorophenol	9.01	196	719856	38.438	nq	99
46) 1,1'-Biphenyl	9.16	154	2428489	36.527	nq	99
47) 2-Chloronaphthalene	9.18	162	1936763	35.513	nq	98
48) 2-Nitroaniline	9.27	65	579872	34.455	nq	93
49) Acenaphthylene	9.59	152	2984753	35.426	nq	99
50) Dimethylphthalate	9.46	163	2248626	36.030	nq	99
51) 2,6-Dinitrotoluene	9.52	165	542733	37.426	nq	95
52) Acenaphthene	9.76	154	2051574m	39.705	nq	
53) 3-Nitroaniline	9.68	138	422104	23.783	nq	93
54) 2,4-Dinitrophenol	9.79	184	507506	88.724	nq	97
55) Dibenzofuran	9.93	168	2608612	35.467	nq	99
56) 4-Nitrophenol	9.85	139	943923	71.767	nq	98
57) 2,4-Dinitrotoluene	9.92	165	704051	37.829	nq	98
58) Fluorene	10.27	166	1810696	34.926	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	601839	39.261	nq	100
60) Diethylphthalate	10.16	149	2248149	35.270	nq	100
61) 4-Chlorophenyl-phenylether	10.27	204	929356	35.758	nq	99
62) 4-Nitroaniline	10.29	138	567117	32.791	nq	98
63) Azobenzene	10.43	77	2016116	34.451	nq	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	313170	42.952	nq	95
66) n-Nitrosodiphenylamine	10.39	169	1829143	37.651	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	643692	36.505	nq	99
68) Hexachlorobenzene	10.83	284	685863	35.911	nq	98
69) Atrazine	10.92	200	603443	38.302	nq	99
70) Pentachlorophenol	11.02	266	759336	68.971	nq	97
71) Phenanthrene	11.23	178	2794766	33.319	nq	99
72) Anthracene	11.28	178	2902026	34.184	nq	100
73) Carbazole	11.43	167	2563902	34.364	nq	100
74) Di-n-butylphthalate	11.77	149	3147539	32.472	nq	99
75) Fluoranthene	12.41	202	2780670	32.015	nq	99
77) Benzidine	12.53	184	1687573	46.756	nq	99
78) Pyrene	12.63	202	2771352	37.377	nq	100
80) Butylbenzylphthalate	13.26	149	1388650	37.266	nq	98
81) Benzo(a)anthracene	13.82	228	2225375	33.039	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	736357	28.308	nq	99
83) Chrysene	13.86	228	2235793	34.742	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1619488	35.154	nq	100
85) Di-n-octyl phthalate	14.44	149	2767407	34.575	nq	99
86) Indeno(1,2,3-cd)pyrene	16.55	276	1961302	30.429	nq	100
88) Benzo(b)fluoranthene	14.83	252	2107726	38.533	nq	99
89) Benzo(k)fluoranthene	14.86	252	1792778	37.709	nq	99
90) Benzo(a)pyrene	15.16	252	1835051	38.188	nq	99
91) Dibenzo(a,h)anthracene	16.57	278	1626868	38.313	nq	99
92) Benzo(g,h,i)perylene	16.96	276	1653992	40.134	nq	99

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

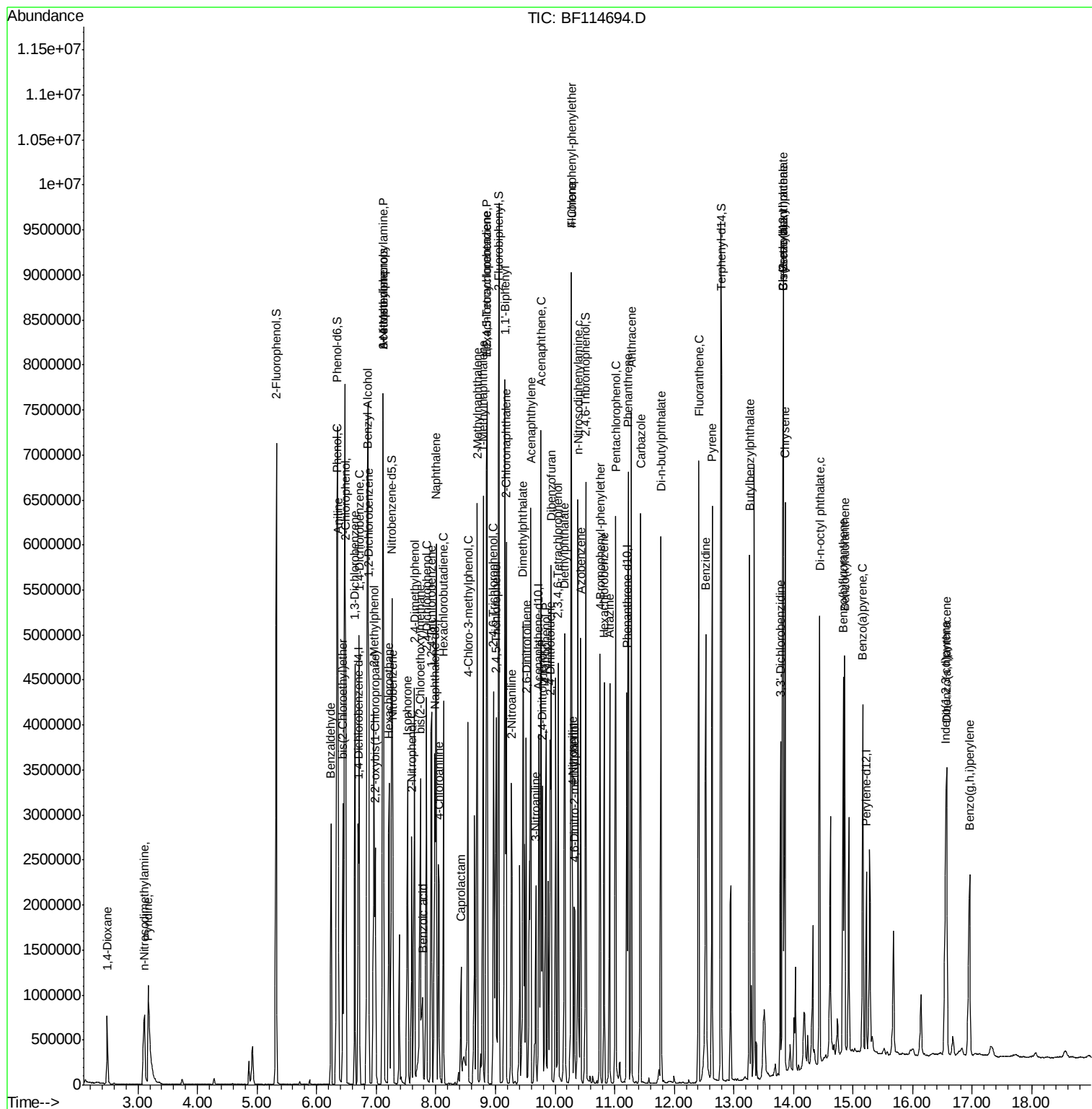
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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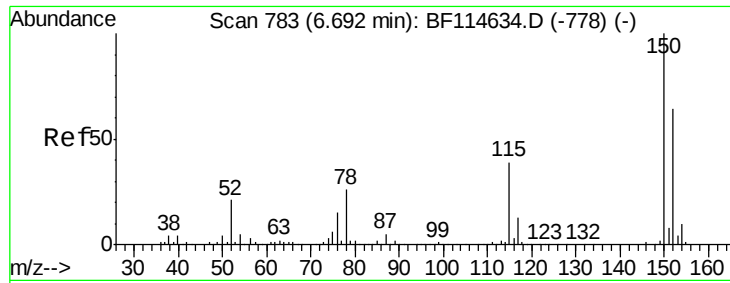
Instrument :
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ClientSampleId :
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#1

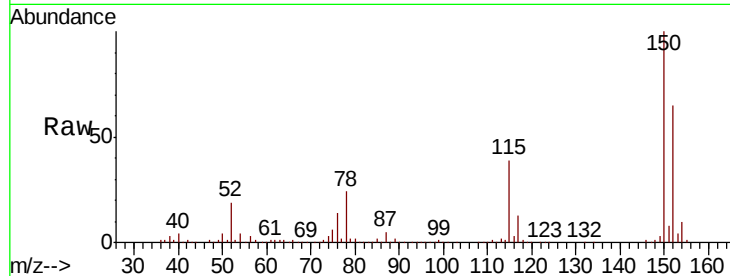
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.3	186.5
115	59.7	48.8	73.2

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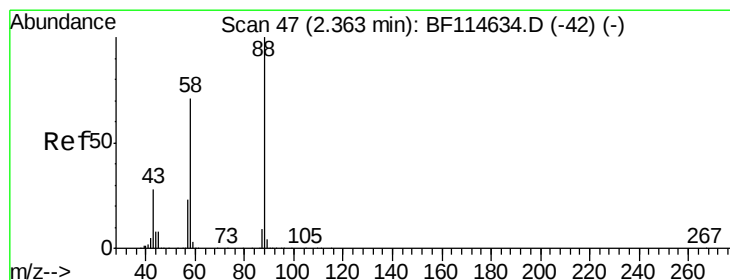
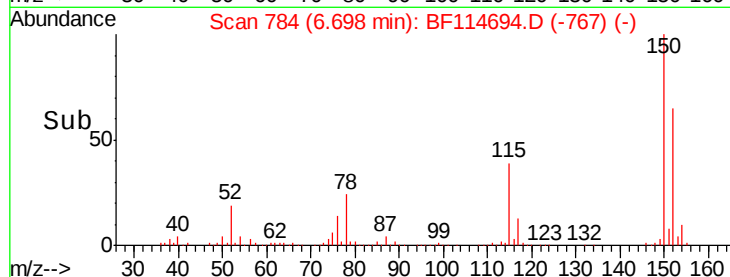
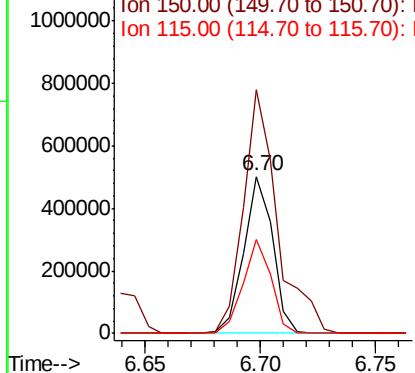


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

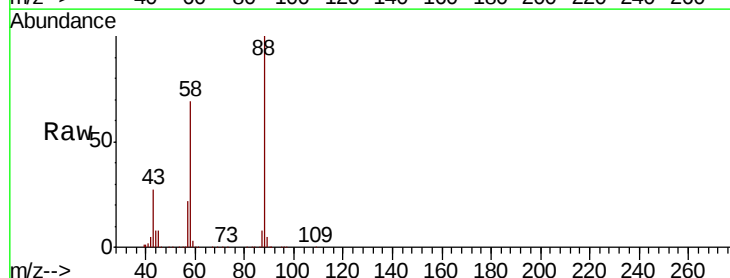
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 32.571 ng
 RT: 2.49 min Scan# 68
 Delta R.T. 0.12 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	55.0	82.4
43	27.1	21.0	31.4

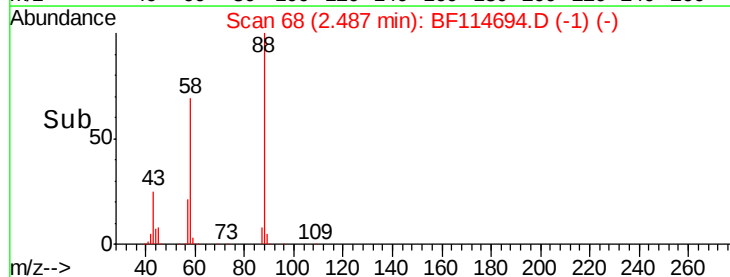
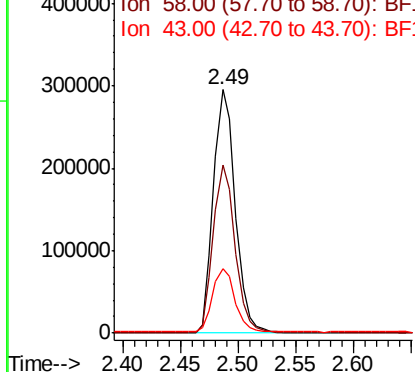


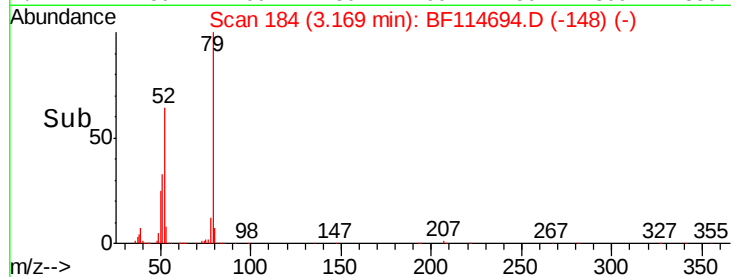
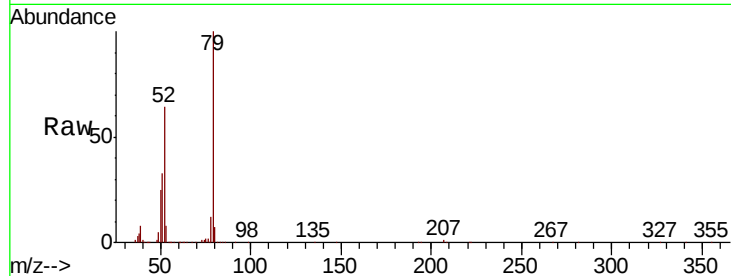
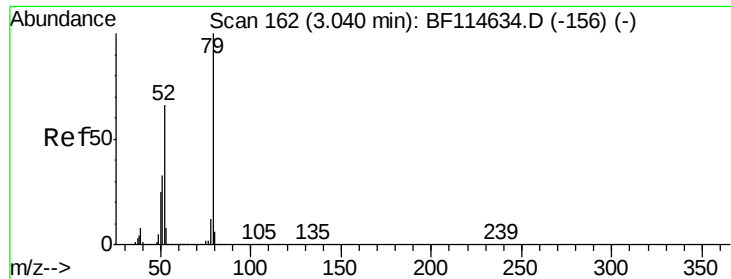
Abundance

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





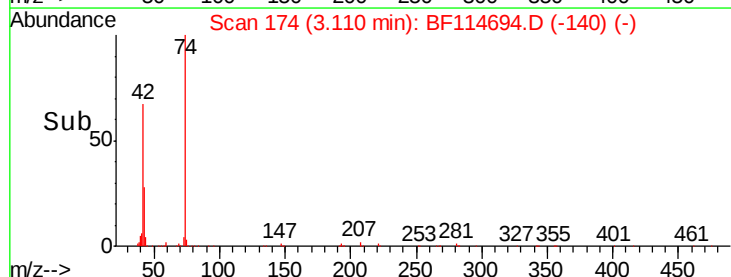
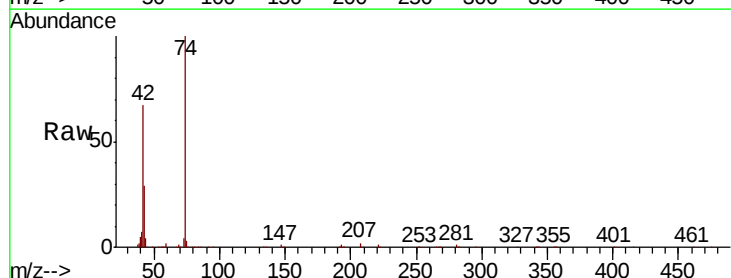
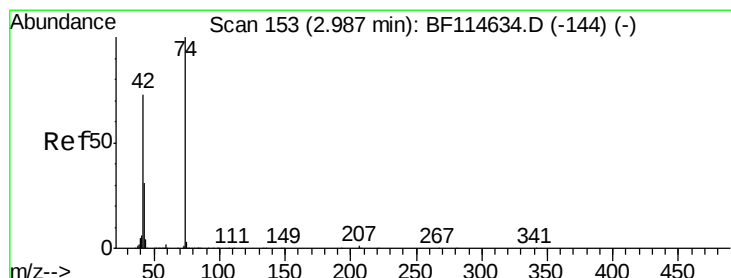
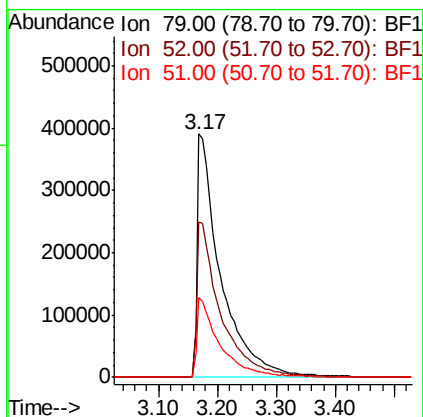
#3
Pvridine
Concen: 30.794 ng
RT: 3.17 min Scan# 184
Delta R.T. 0.11 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tot Ion: 79 Resp: 1075626
Ion Ratio Lower Upper
79 100
52 64.0 51.9 77.9
51 32.6 25.9 38.9

Instrument :
BNA_F
ClientSampleId :
PB119779BS

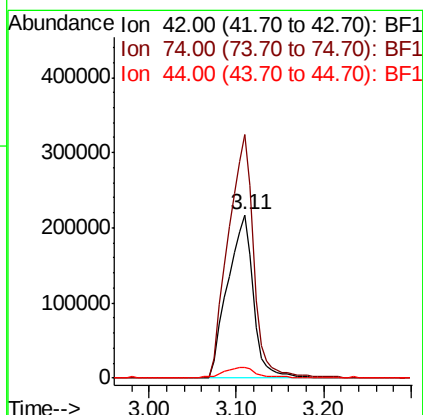
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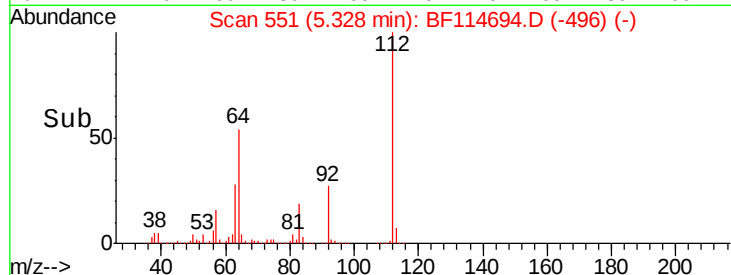
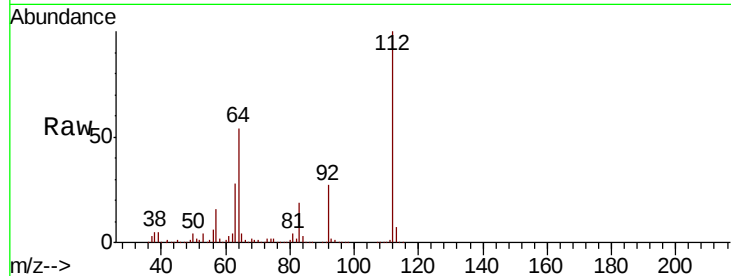
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#4
n-Nitrosodimethylamine
Concen: 30.784 ng
RT: 3.11 min Scan# 174
Delta R.T. 0.10 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion: 42 Resp: 435149
Ion Ratio Lower Upper
42 100
74 148.9 116.8 175.2
44 6.5 5.3 7.9





#5

2-Fluorophenol

Concen: 102.378 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tot Ion	112	Resp: 2560556	
Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.8	67.2
63	27.7	23.0	34.6

Instrument :

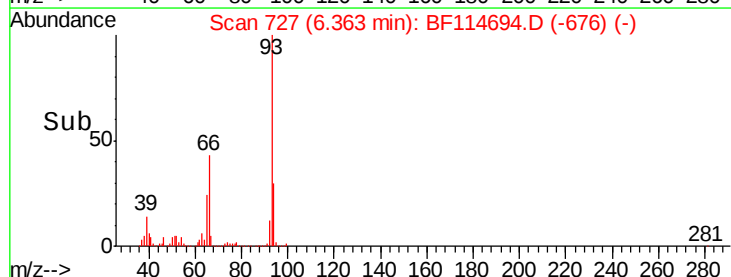
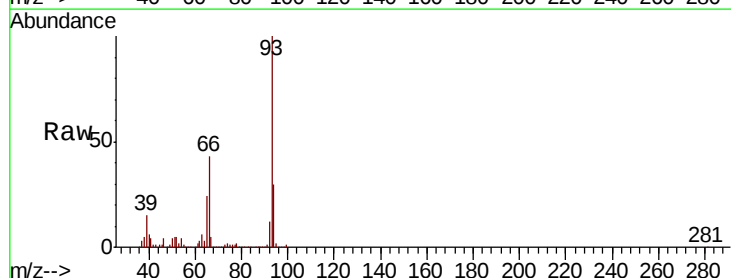
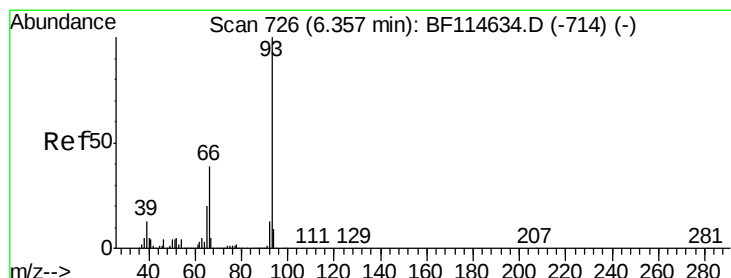
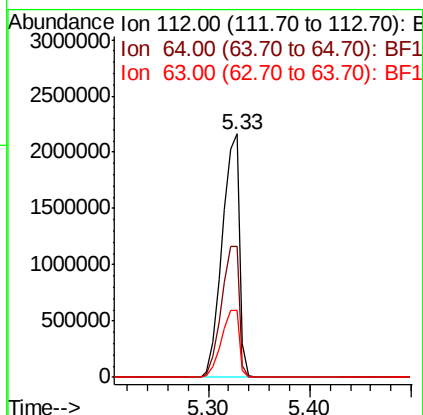
BNA_F

ClientSampleId :

PB119779BS

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#6

Aniline

Concen: 23.318 ng

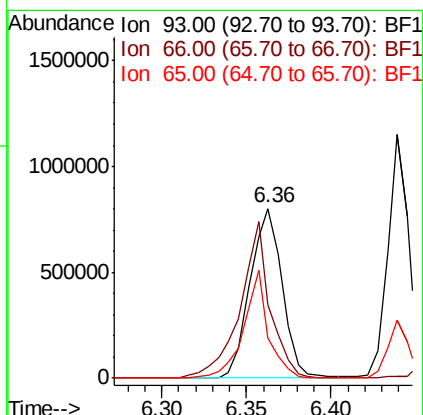
RT: 6.36 min Scan# 727

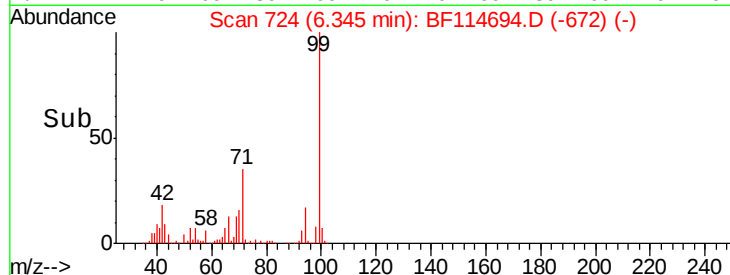
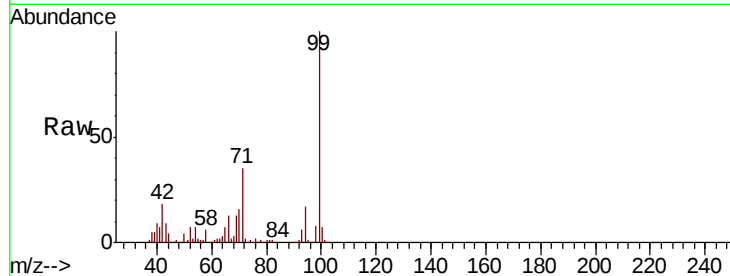
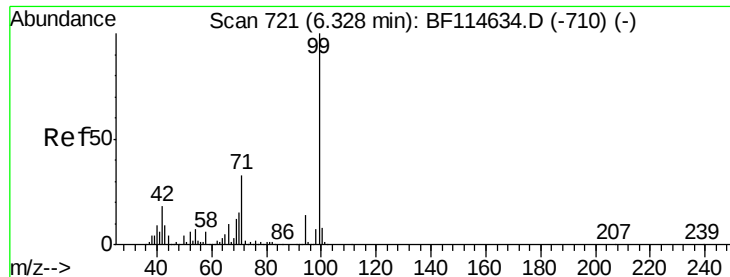
Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion: 93	Ratio	Resp: 1061538	Lower	Upper
93	100			
66	42.9	33.1		49.7
65	23.5	17.0		25.4





#7

Phenol-d6

Concen: 105.365 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tot Ion:	99	Resp:	3175575
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	34.8	27.3	40.9

Instrument :

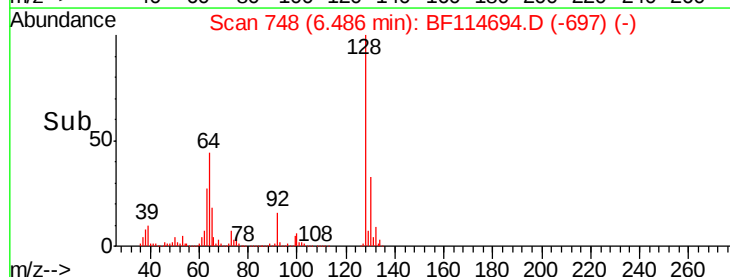
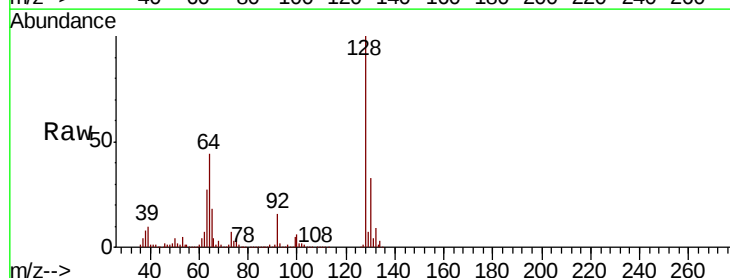
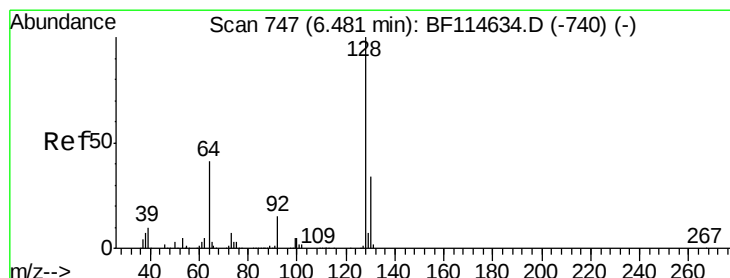
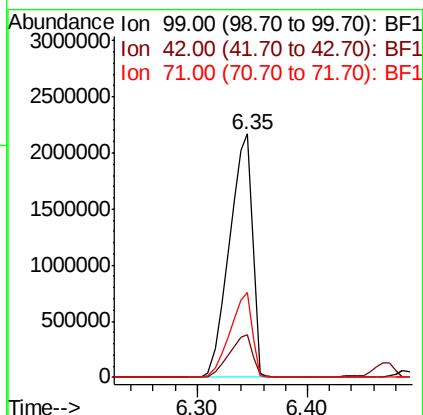
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ClientSampled :

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#8

2-Chlorophenol

Concen: 36.735 ng

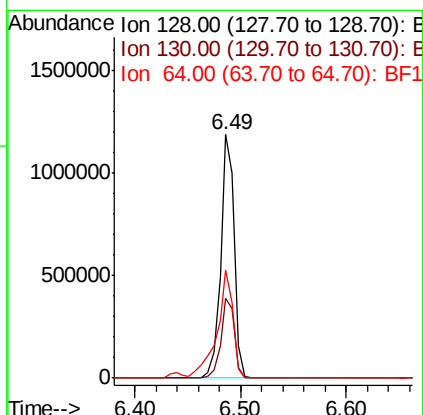
RT: 6.49 min Scan# 748

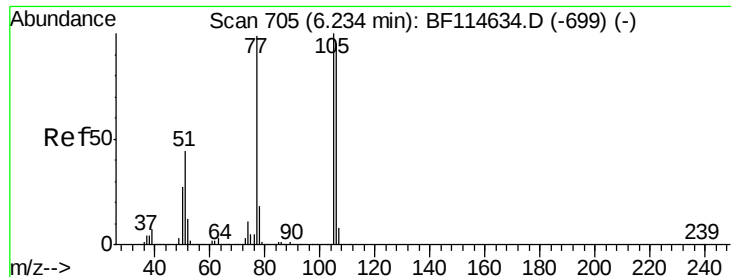
Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion:	128	Resp:	1061053
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.6	53.6
64	44.2	24.0	64.0





#9

Benzaldehyde

Concen: 32.951 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

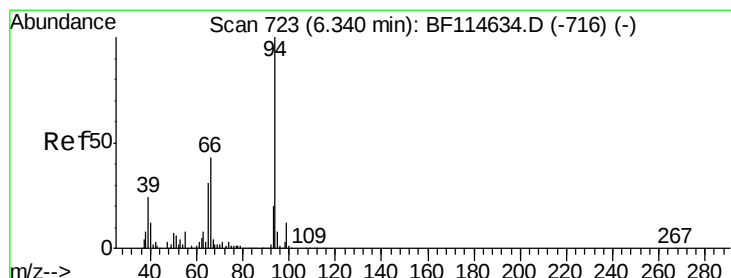
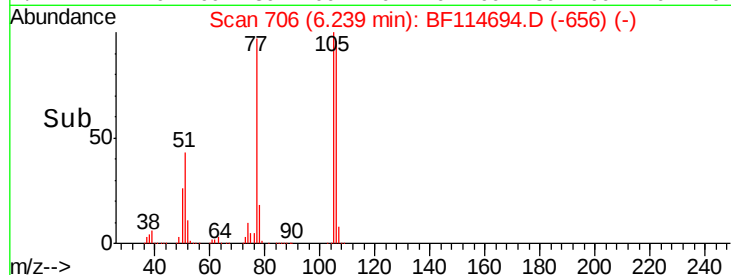
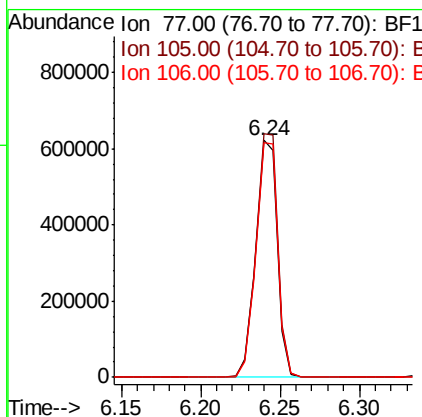
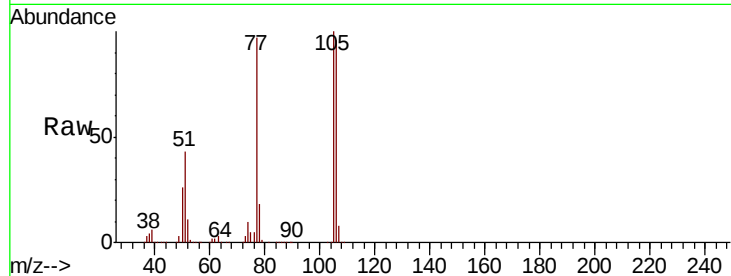
ClientSampleId :

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Tot Ion:	77	Resp:	587781
Ion Ratio	Lower	Upper	
77	100		
105	102.8	83.0	123.0
106	98.8	79.2	119.2

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#10

Phenol

Concen: 33.059 ng

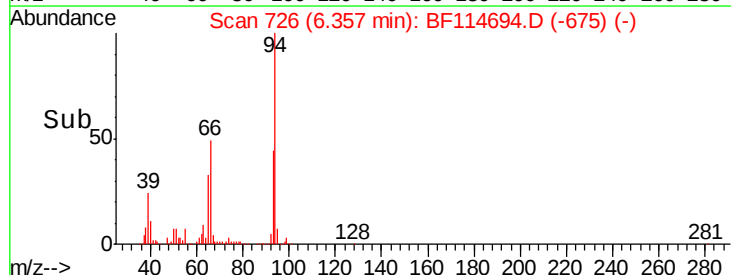
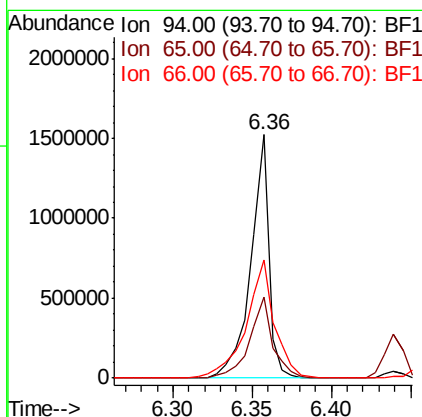
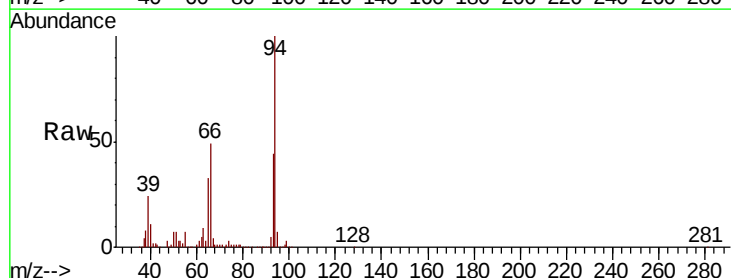
RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion:	94	Resp:	1203624
Ion Ratio	Lower	Upper	
94	100		
65	33.5	16.5	56.5
66	48.7	36.3	76.3





#11

bis(2-Chloroethyl)ether

Concen: 34.465 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

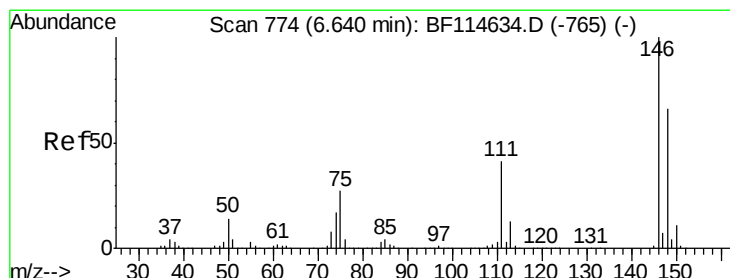
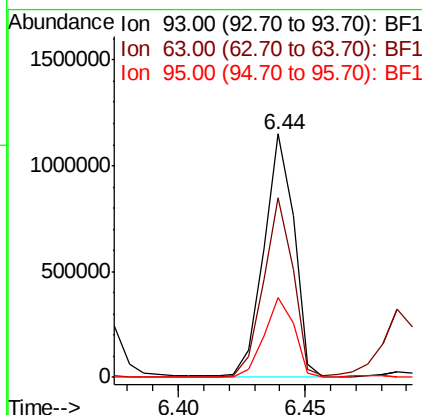
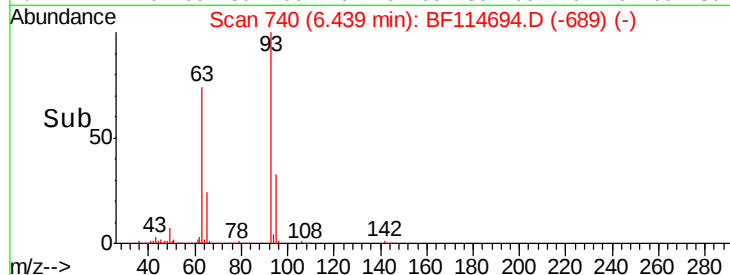
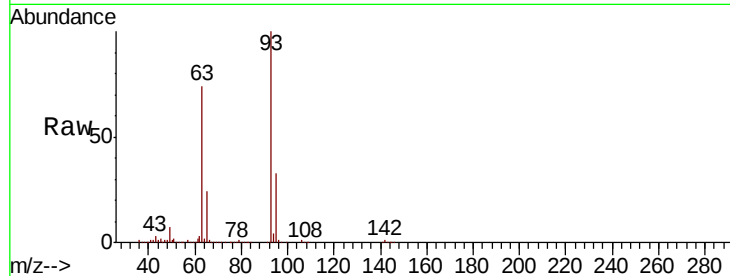
ClientSampleId :

PB119779BS

Tot Ion:	93	Resp:	959818
Ion Ratio	Lower	Upper	
93	100		
63	73.7	53.5	93.5
95	33.0	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 33.888 ng

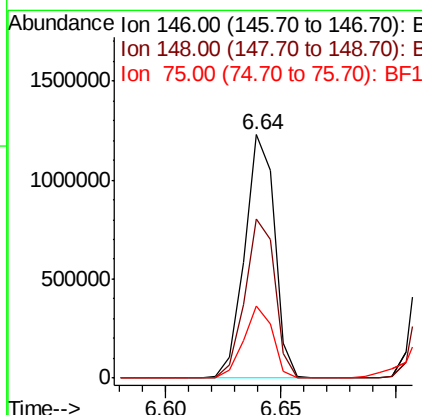
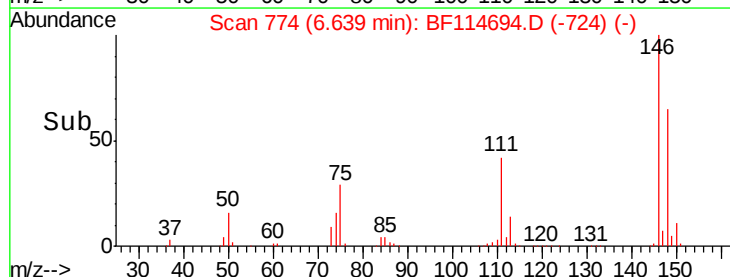
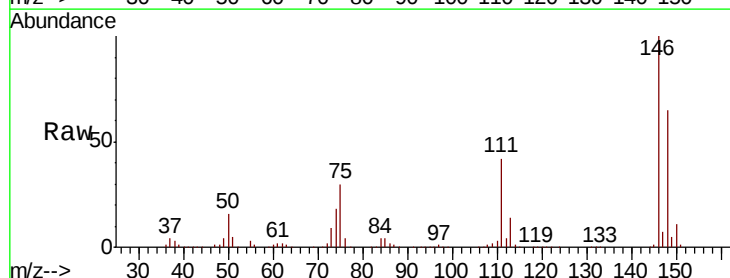
RT: 6.64 min Scan# 774

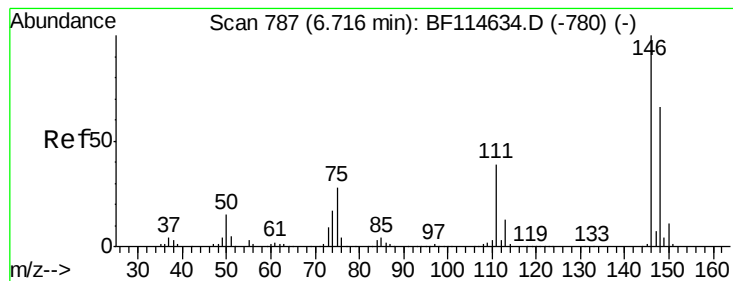
Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion:	146	Resp:	1115160
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.4	78.6
75	29.7	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 34.380 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tot Ion:146 Resp: 1134963

Ion Ratio Lower Upper

146 100

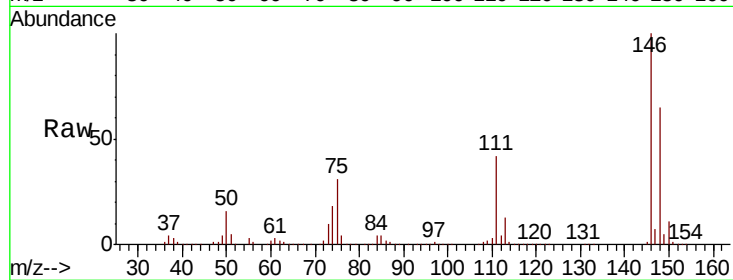
148 65.1 53.2 79.8

111 42.1 31.9 47.9

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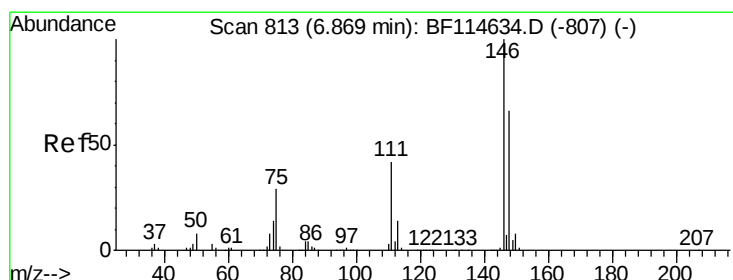
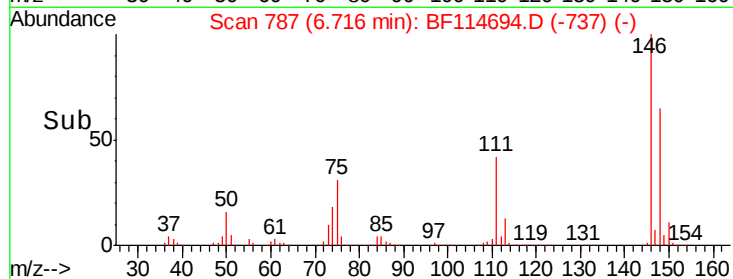
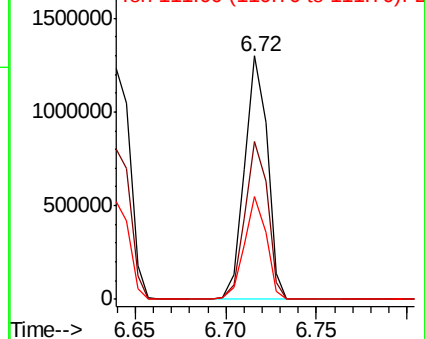


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.624 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

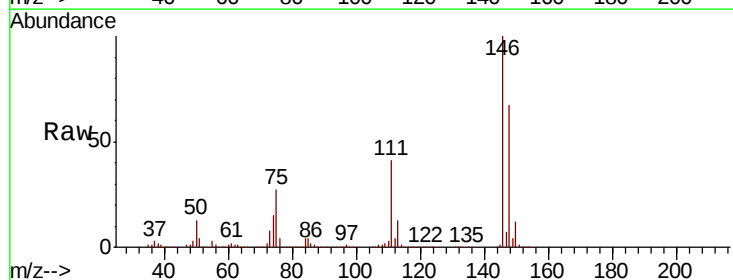
Tgt Ion:146 Resp: 1040630

Ion Ratio Lower Upper

146 100

148 66.7 52.9 79.3

111 40.8 35.5 53.3

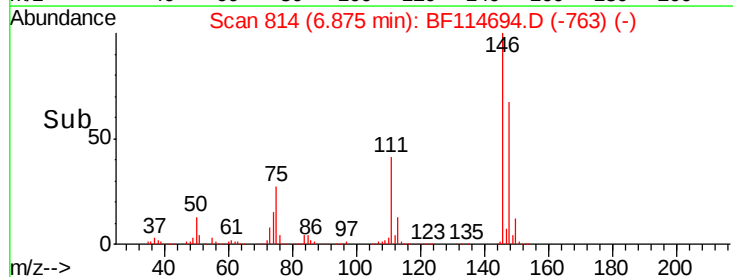
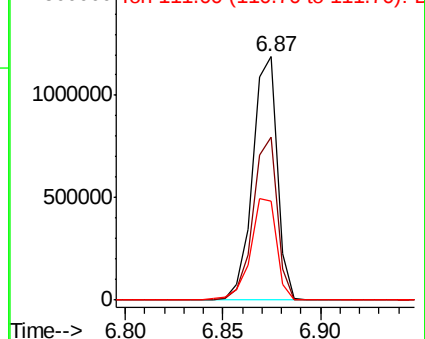


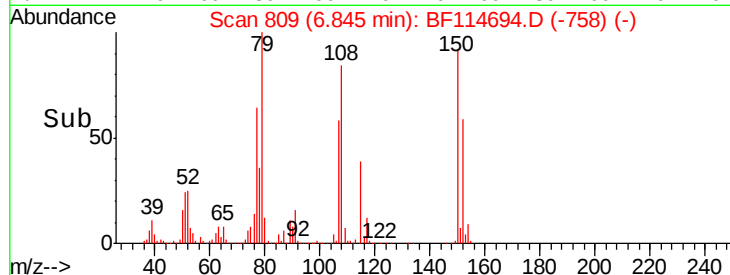
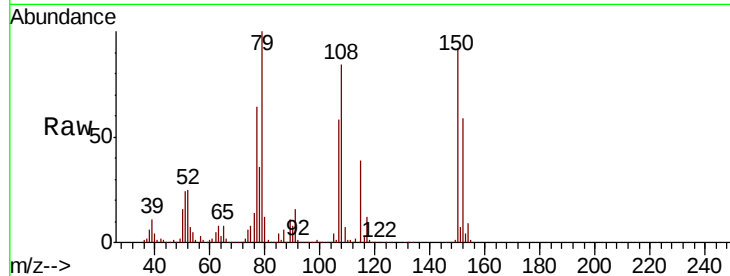
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





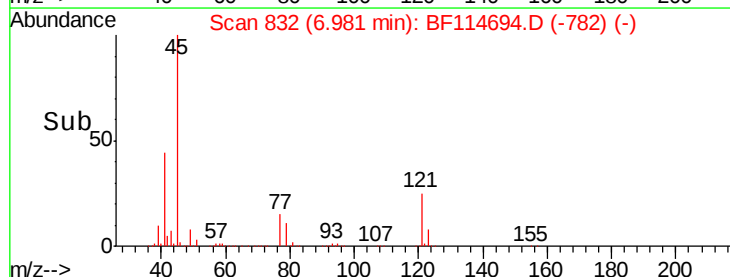
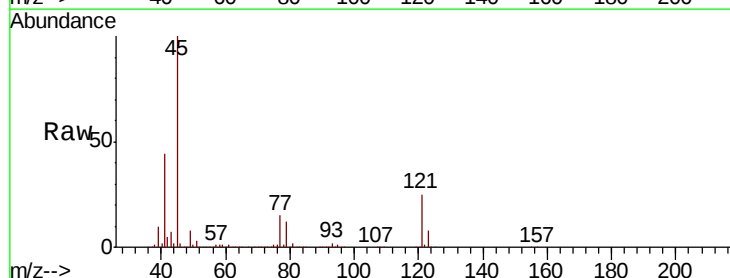
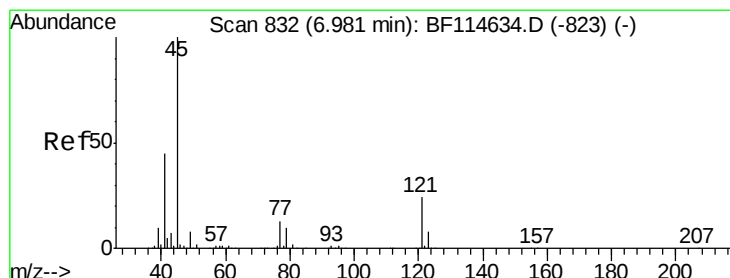
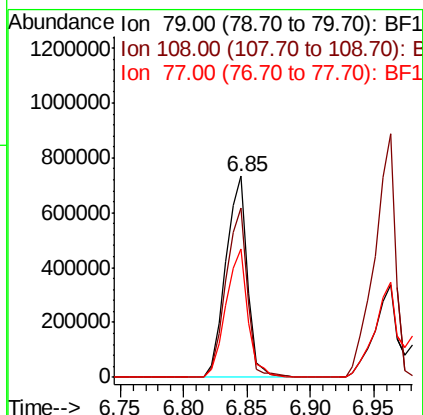
#15
Benzyl Alcohol
Concen: 36.414 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tot Ion	Ratio	Resp	Lower	Upper
79	100	863272		
108	84.1	66.4	99.6	
77	63.9	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB119779BS

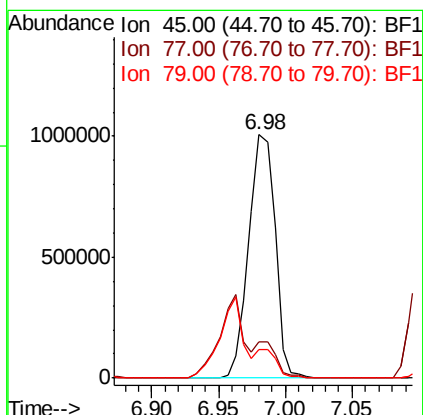
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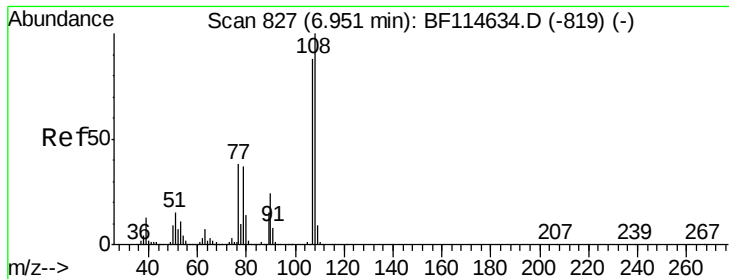
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.113 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1371686		
77	15.0	0.0	35.3	
79	11.7	0.0	32.0	





#17

2-Methylphenol

Concen: 37.019 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

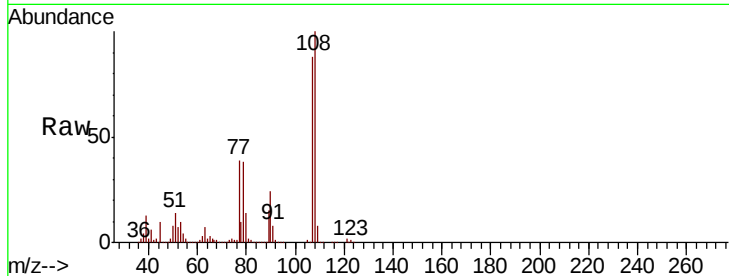
ClientSampleId :

PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	89.7	134.5	
77	44.3	34.9	52.3	
79	42.9	34.2	51.2	

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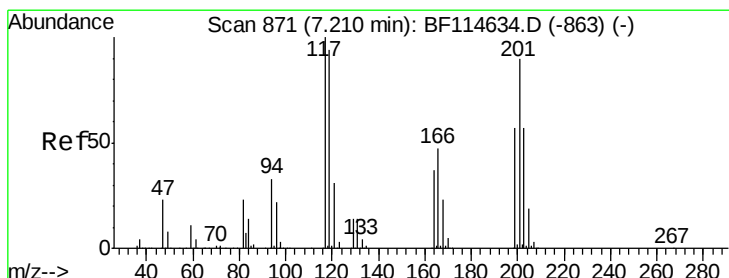
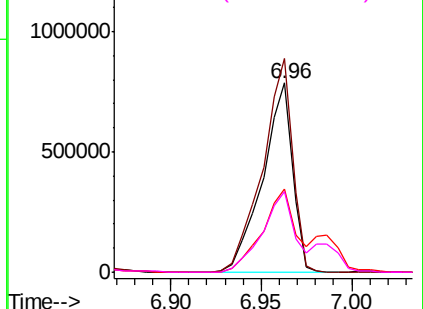
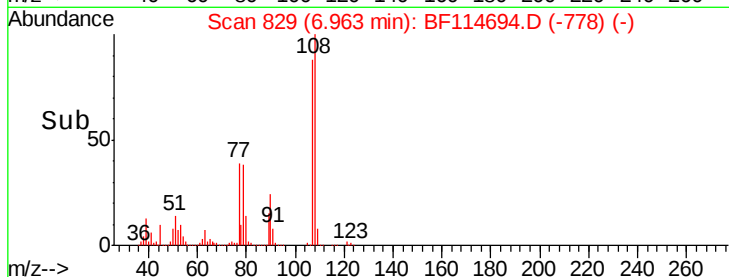
Abundance

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: 33.826 ng

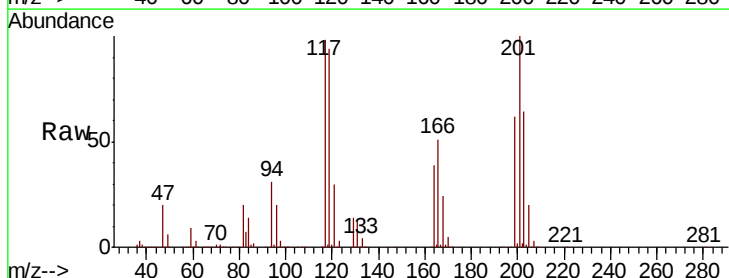
RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.9	116.9	
201	102.4	77.9	116.9	

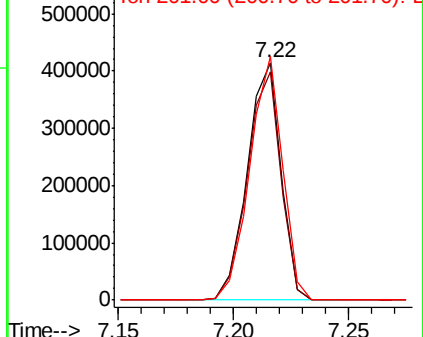
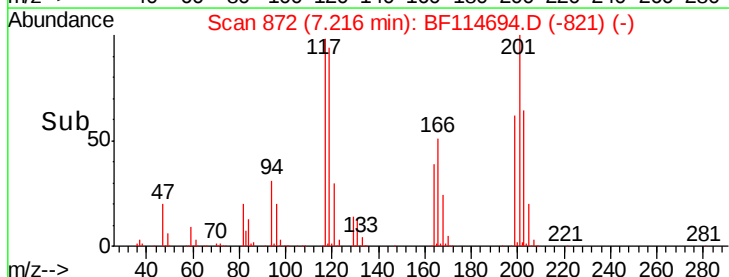


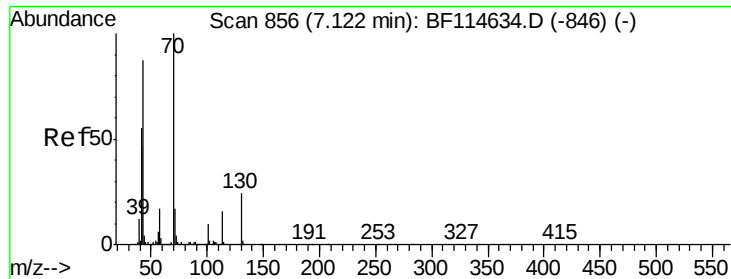
Abundance

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





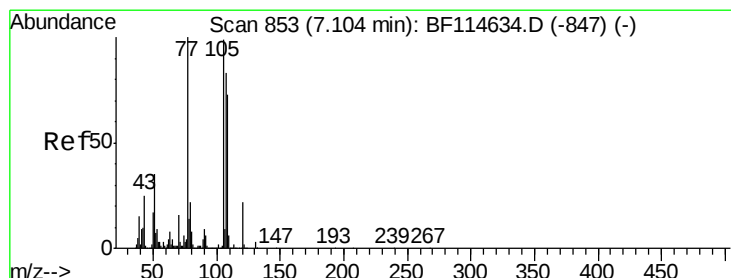
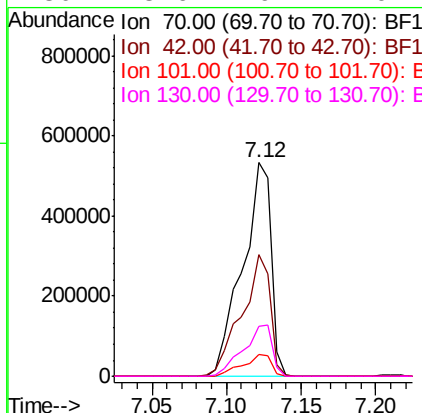
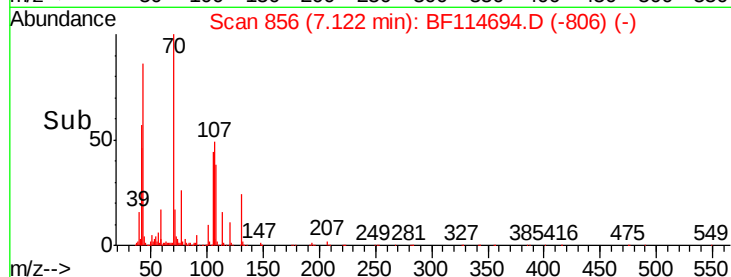
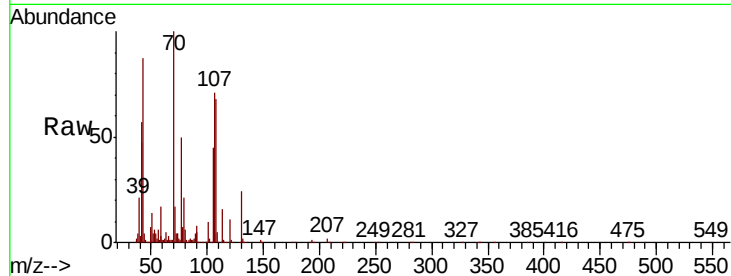
#19
n-Nitroso-di-n-propylamine
Concen: 34.098 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.7	43.9	65.9		
101	10.0	8.3	12.5		
130	23.6	19.4	29.2		

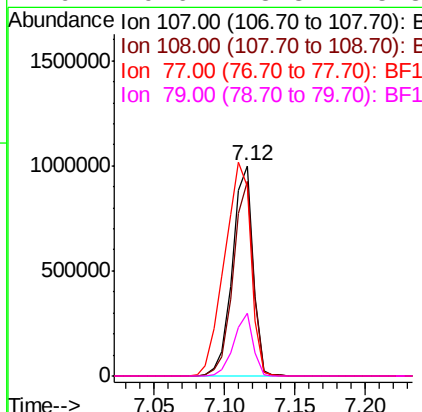
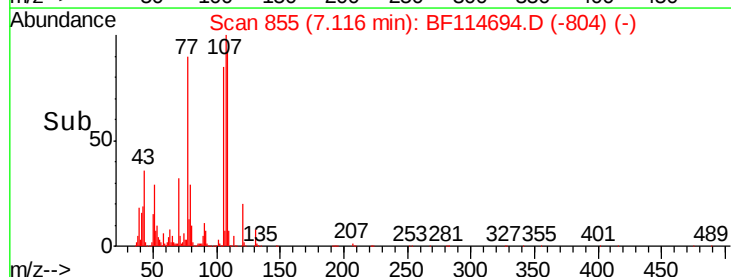
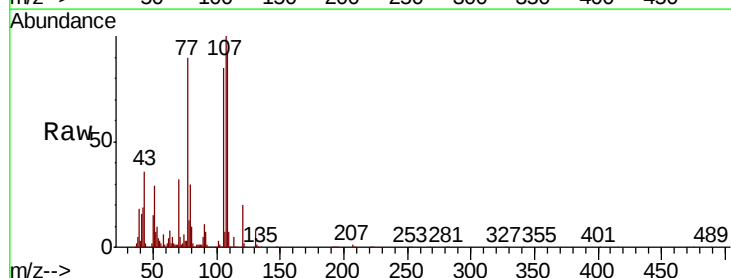
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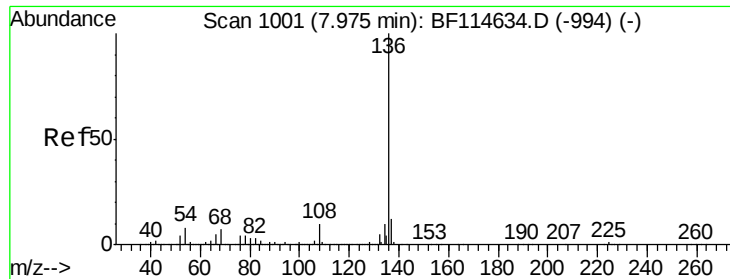
mohammad
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#20
3+4-Methylphenols
Concen: 35.401 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.2	69.7	109.7		
77	90.2	99.5	139.5#		
79	29.6	8.3	48.3		





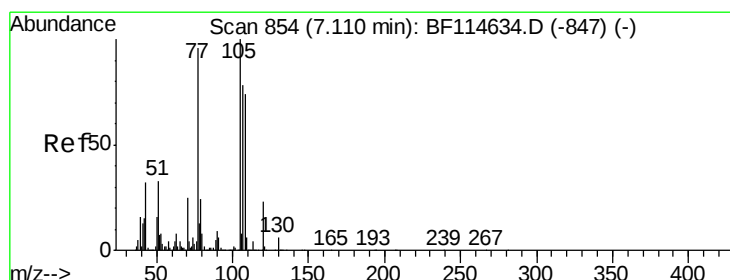
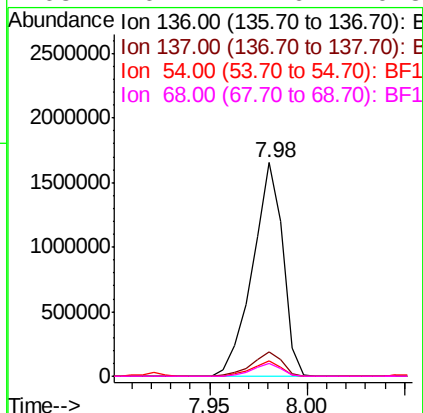
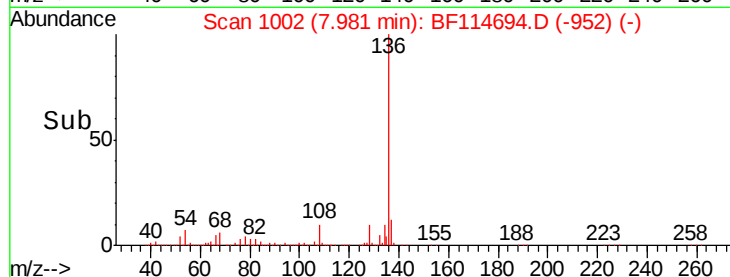
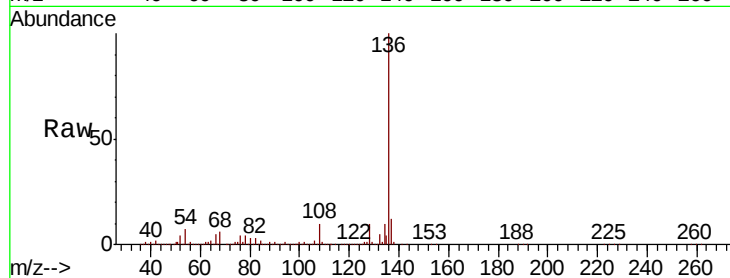
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.2	5.2	7.8
68	6.1	4.6	6.8

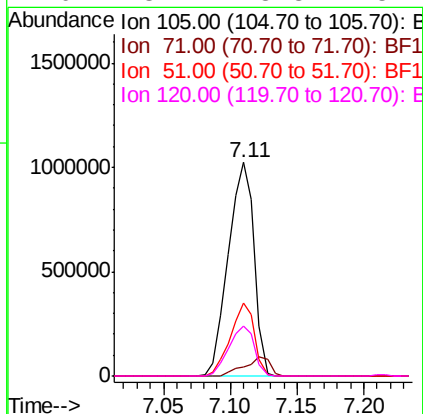
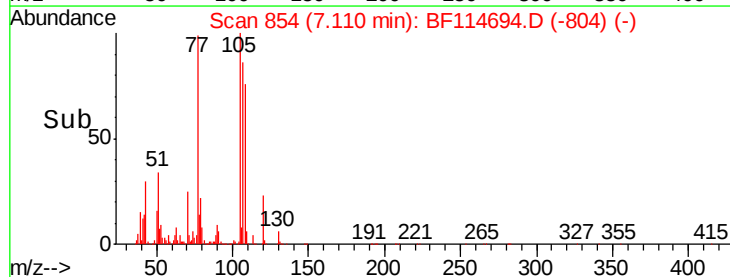
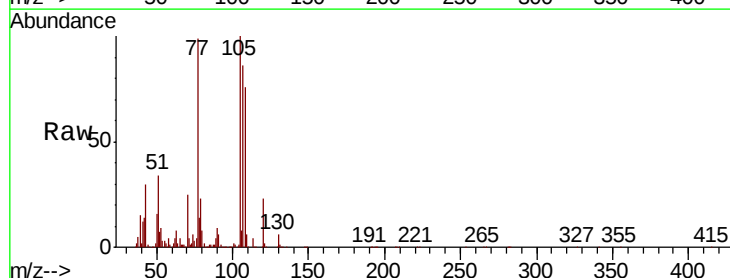
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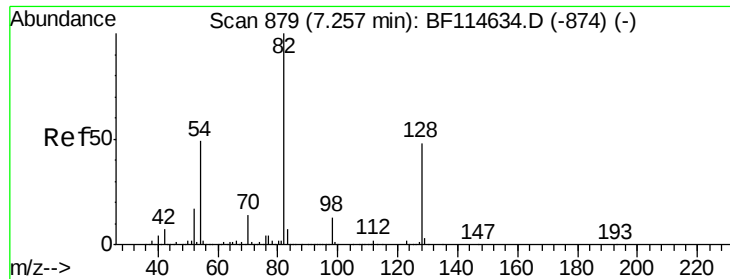
mohammad
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#22
Acetophenone
Concen: 36.698 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.5	3.7#
51	34.1	27.4	41.0
120	23.2	18.8	28.2





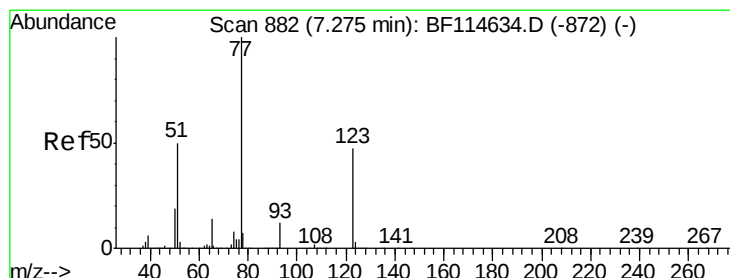
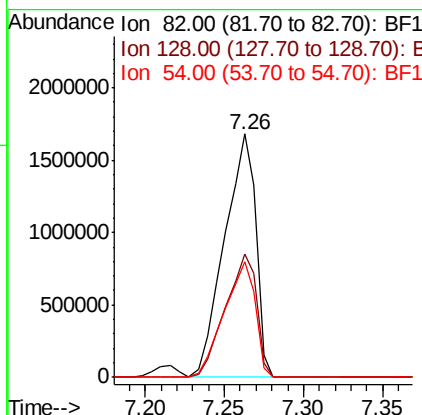
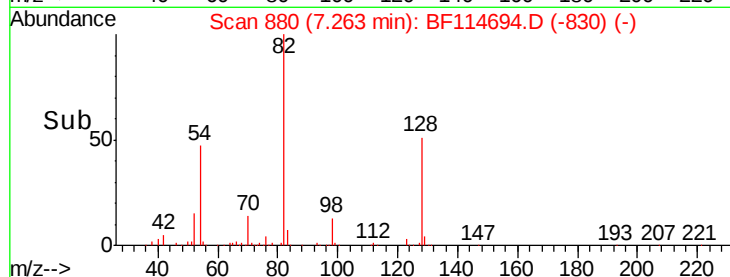
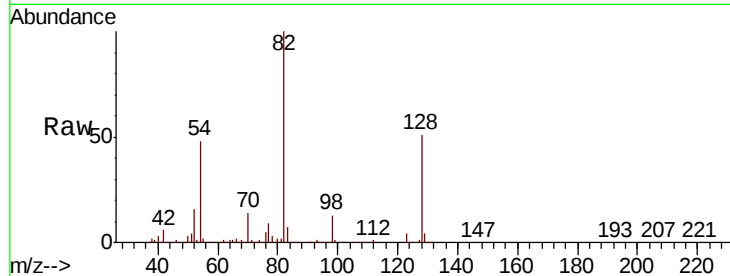
#23
 Nitrobenzene-d5
 Concen: 80.827 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	41.7	62.5
54	47.5	37.5	56.3

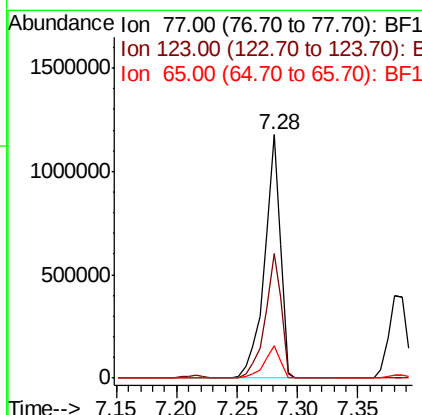
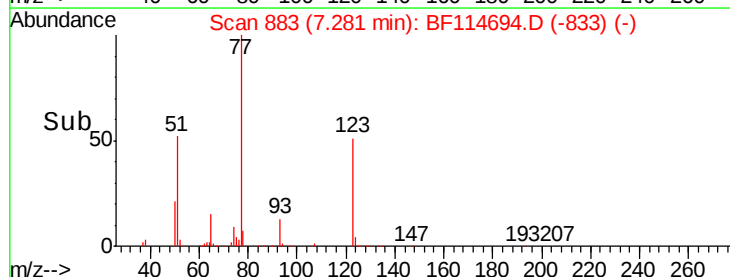
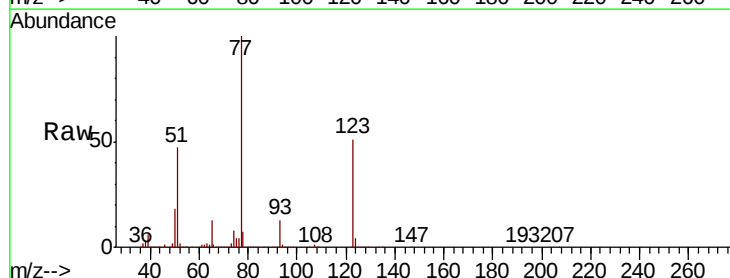
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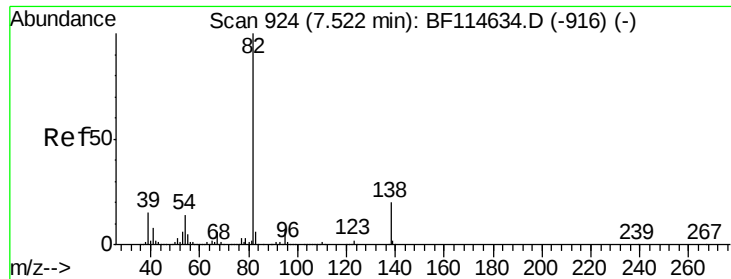
mohammad
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#24
 Nitrobenzene
 Concen: 35.679 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	42.8	64.2
65	13.1	10.8	16.2





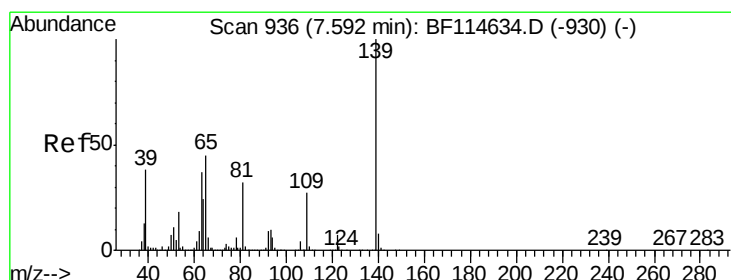
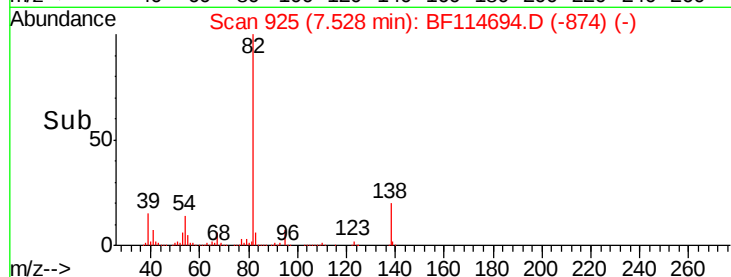
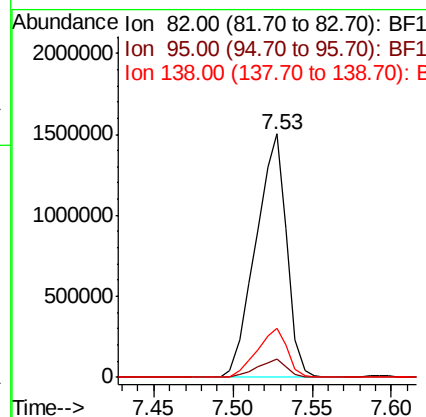
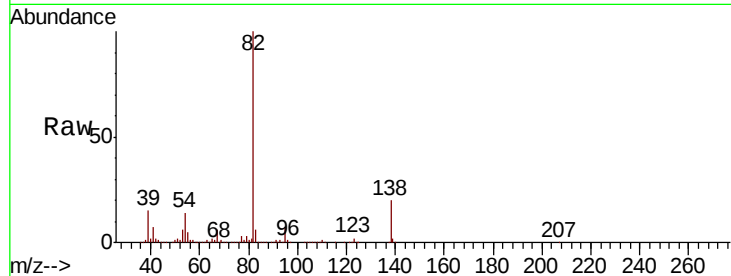
#25
Isophorone
Concen: 35.517 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	20.1	16.1	24.1

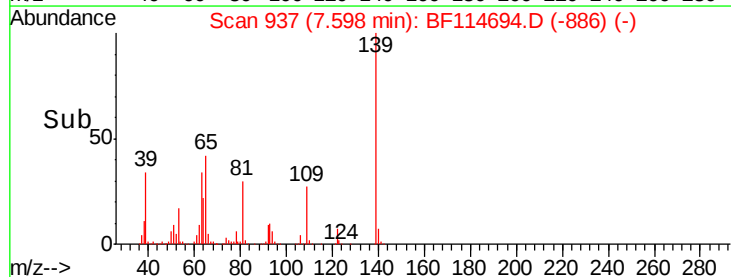
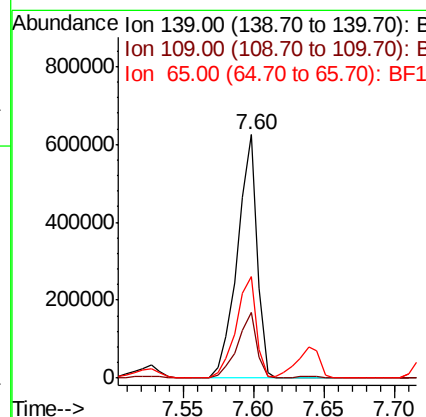
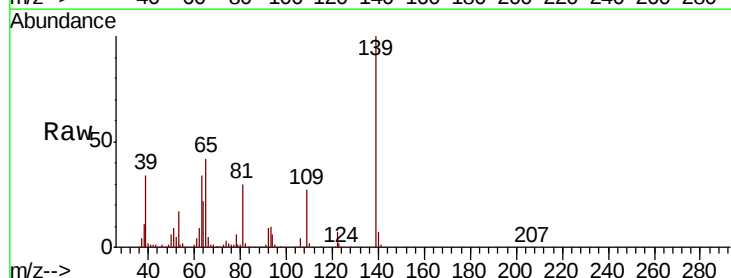
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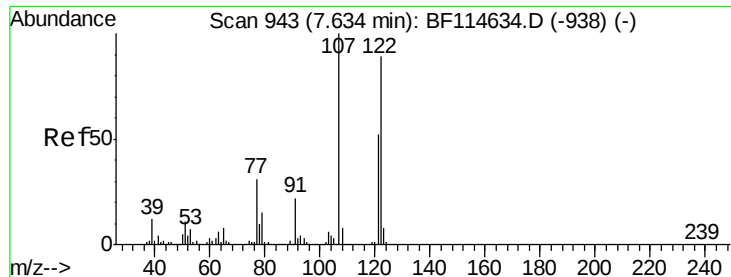
mohammad
6/3/2019 8:49:14 AM



#26
2-Nitrophenol
Concen: 41.242 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.7	32.5
65	41.8	36.2	54.2





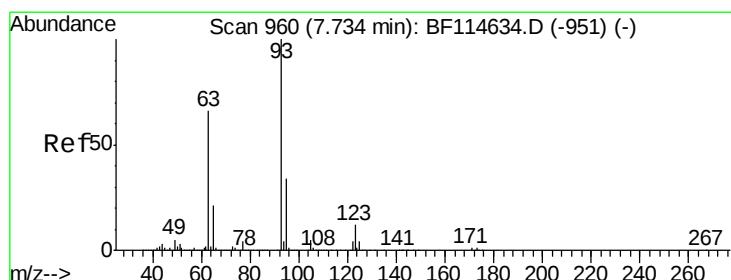
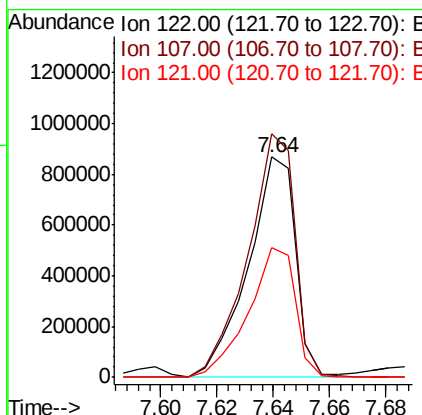
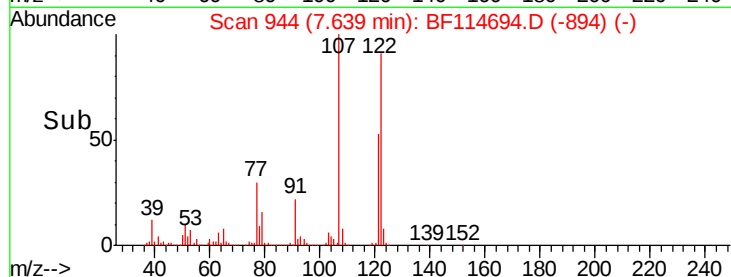
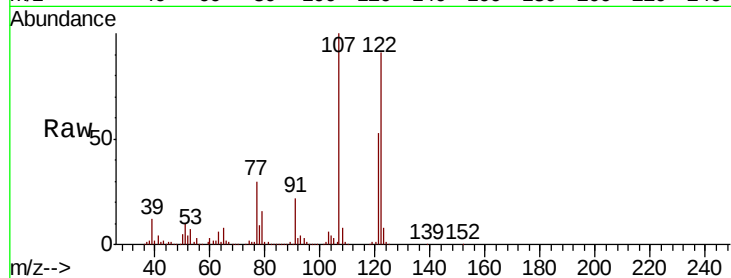
#27
2,4-Dimethylphenol
Concen: 41.289 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.7	131.5
121	58.8	46.4	69.6

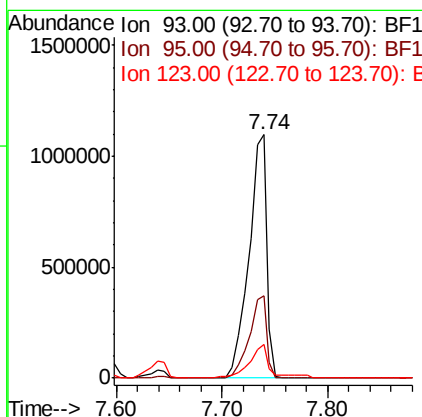
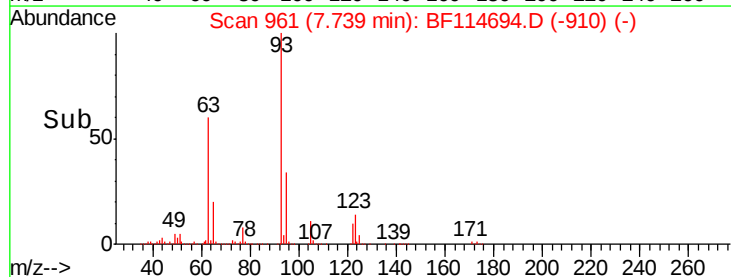
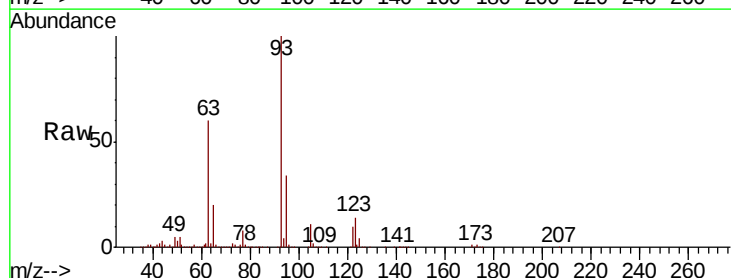
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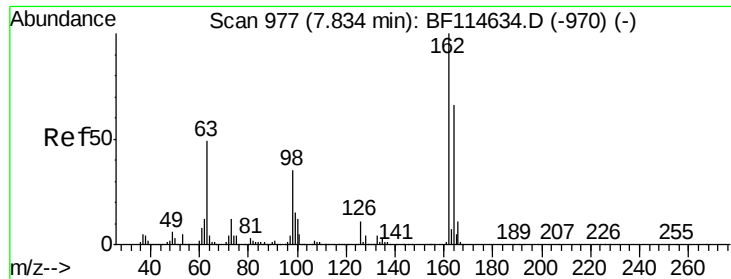
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.329 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.2	40.8
123	13.6	10.0	15.0





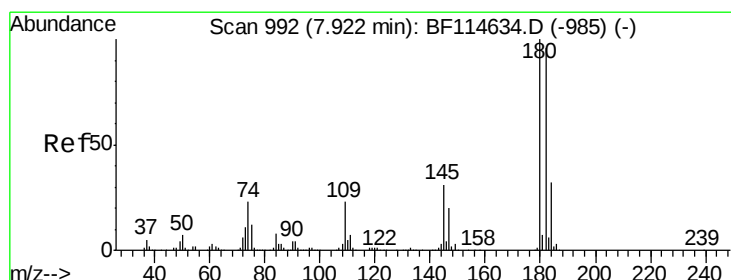
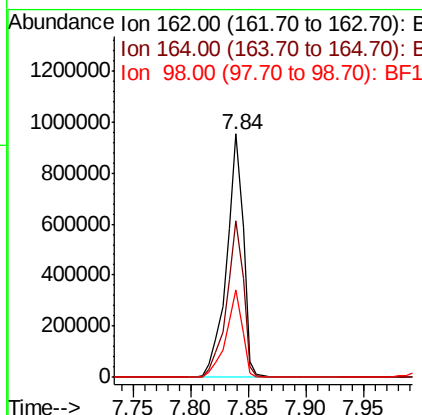
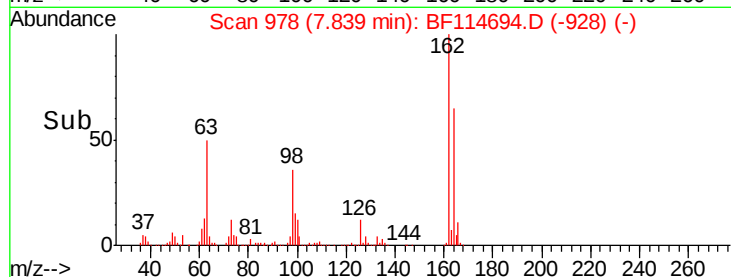
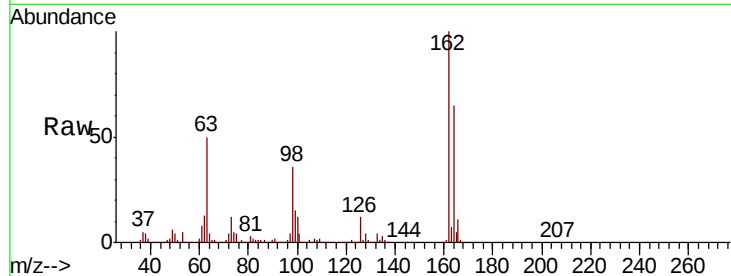
#29
 2,4-Dichlorophenol
 Concen: 38.235 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion:	162	Resp:	952661
Ion Ratio	Lower	Upper	
162	100		
164	64.5	45.9	85.9
98	36.1	13.0	53.0

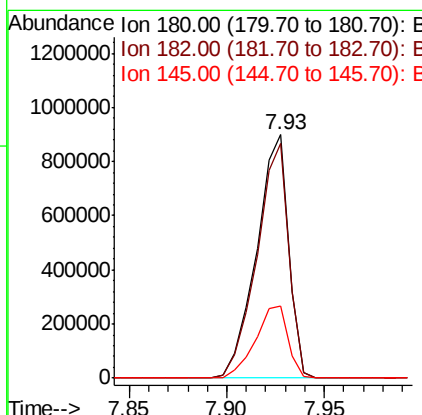
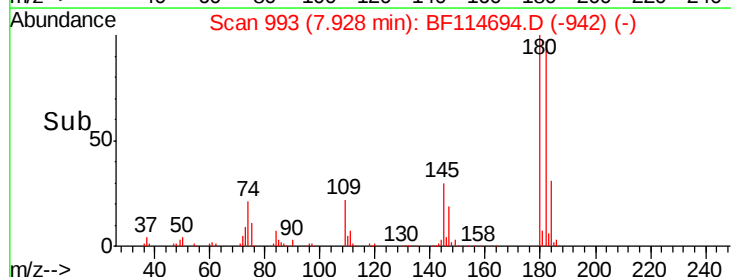
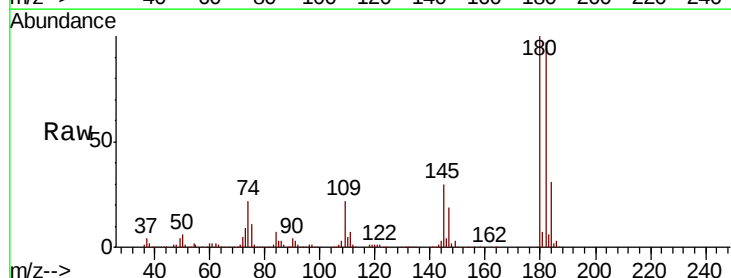
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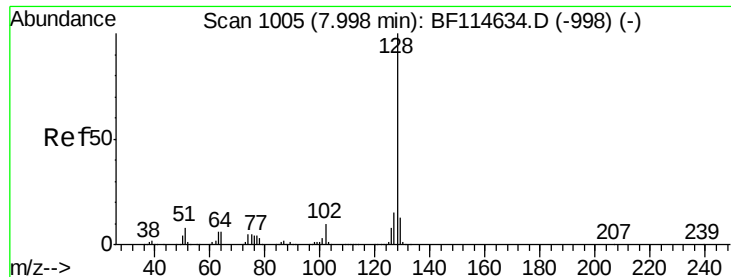
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.943 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:	180	Resp:	1020307
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.8	113.8
145	29.7	24.7	37.1





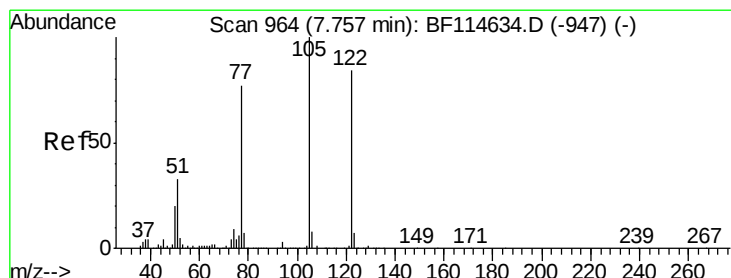
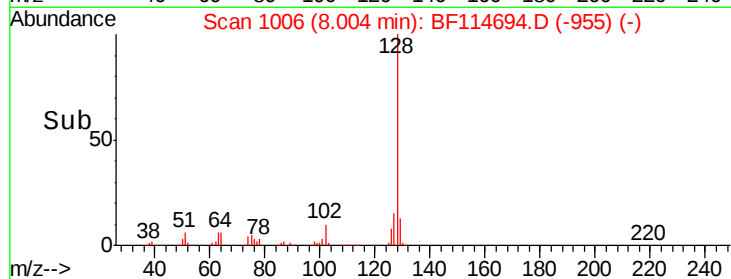
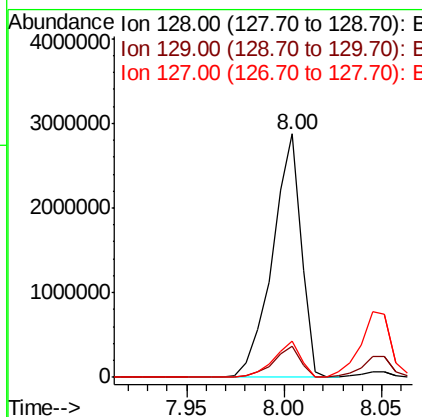
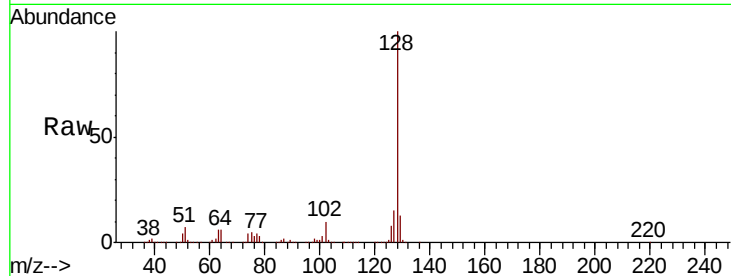
#31
Naphthalene
Concen: 35.746 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.7	16.1
127	14.9	12.3	18.5

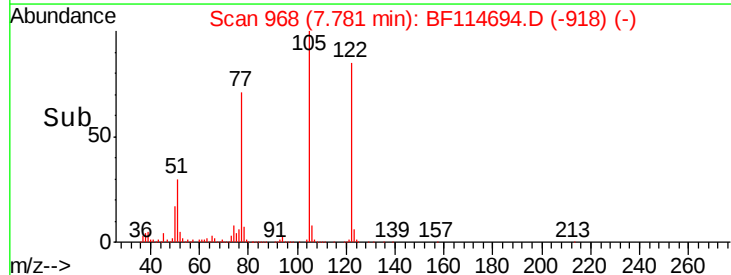
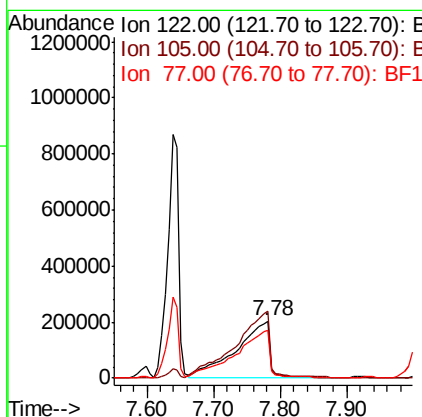
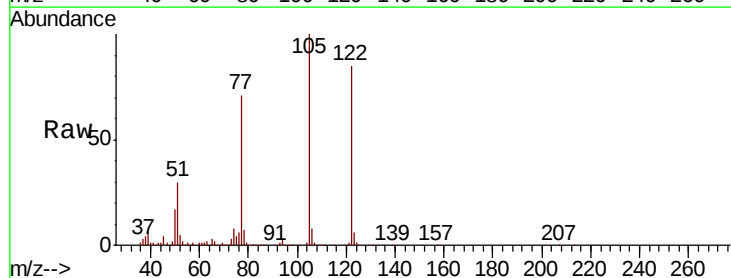
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#32
Benzoic acid
Concen: 44.966 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	99.1	139.1
77	83.9	65.3	105.3





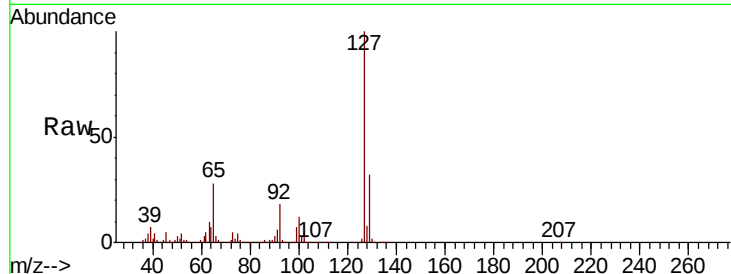
#33
4-Chloroaniline
Concen: 22.345 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

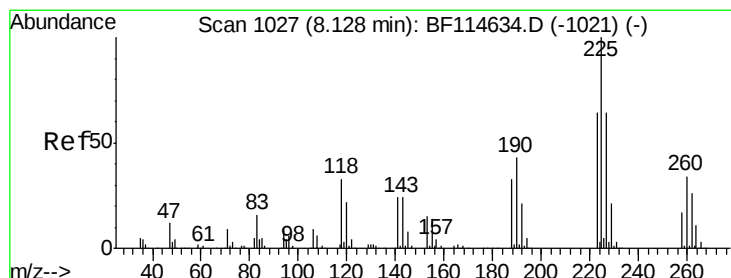
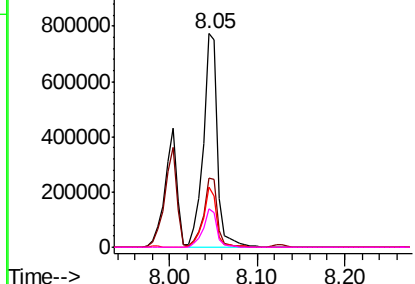
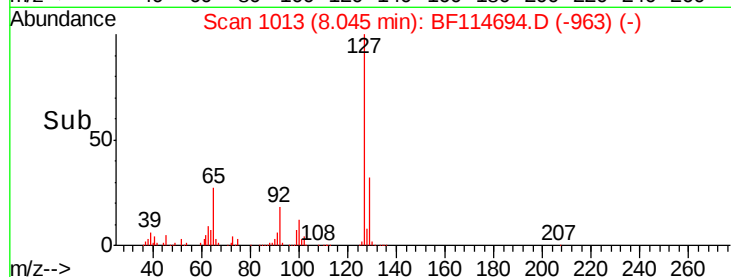
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		870869		
129	32.2	27.0	40.4		
65	28.0	22.9	34.3		
92	17.9	15.2	22.8		

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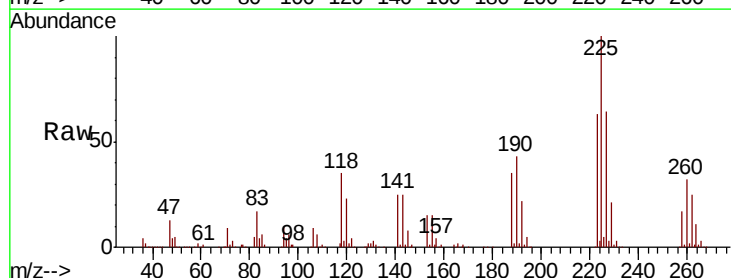


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

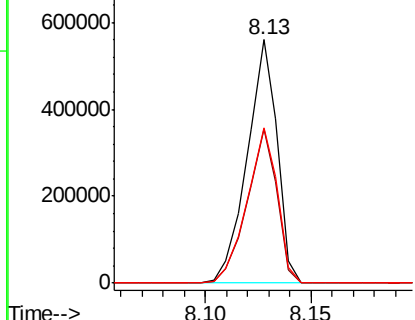
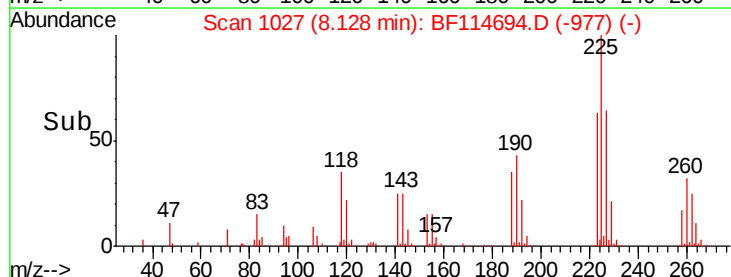


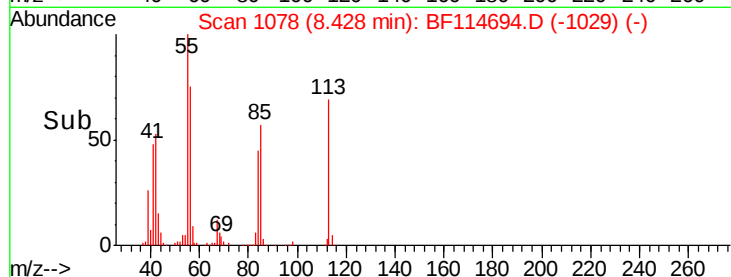
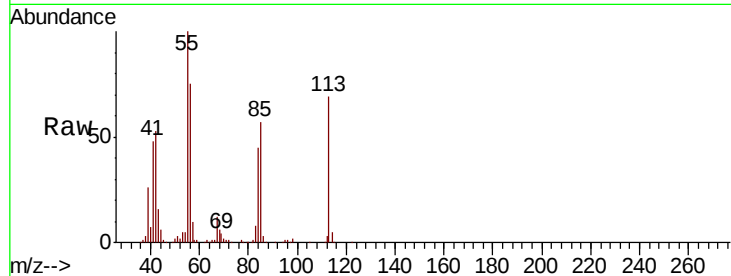
#34
Hexachlorobutadiene
Concen: 35.093 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		553408		
223	63.0	50.3	75.5		
227	63.9	52.4	78.6		



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





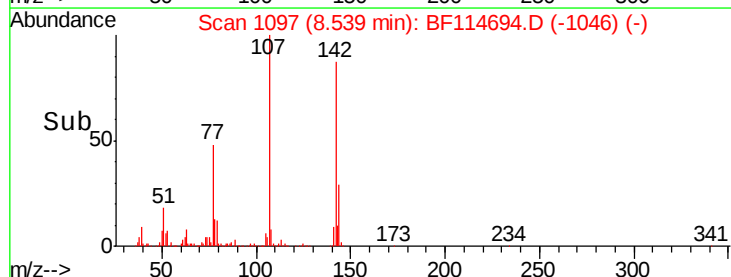
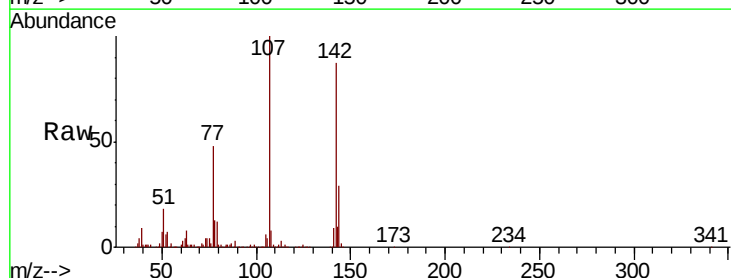
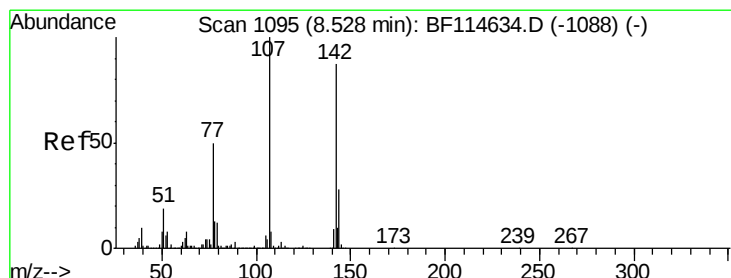
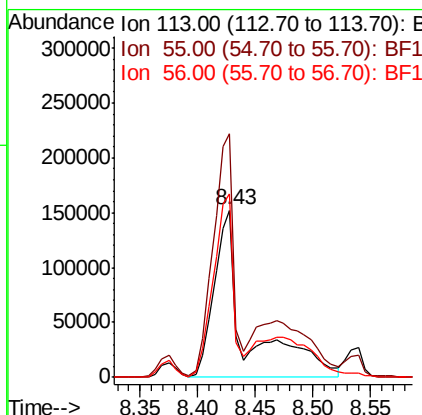
#35
Caprolactam
Concen: 35.644 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		299710		
55	145.6	130.4	170.4		
56	109.6	91.4	131.4		

Instrument :
BNA_F
ClientSampleId :
PB119779BS

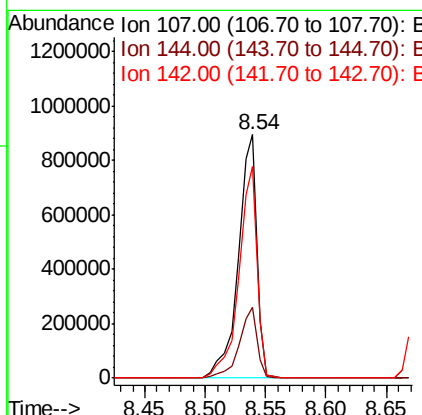
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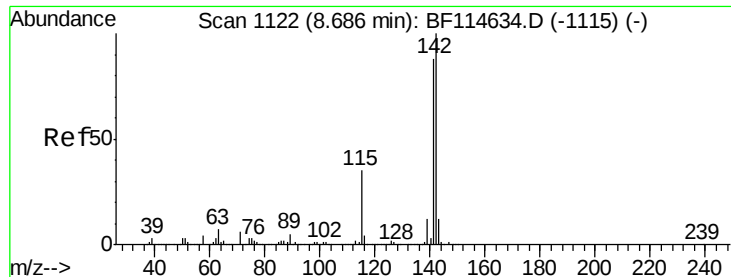
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#36
4-Chloro-3-methylphenol
Concen: 38.438 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		960451		
144	28.9	22.6	33.8		
142	87.1	69.4	104.2		





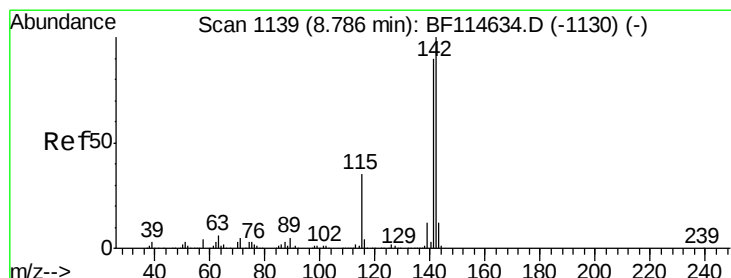
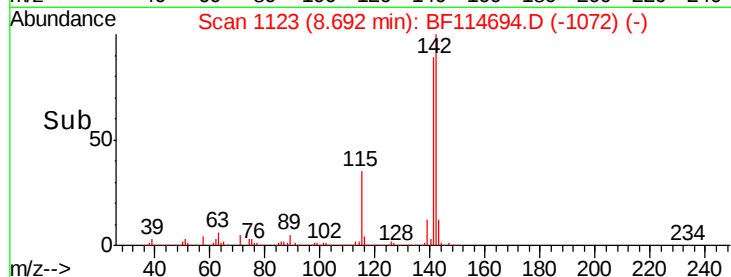
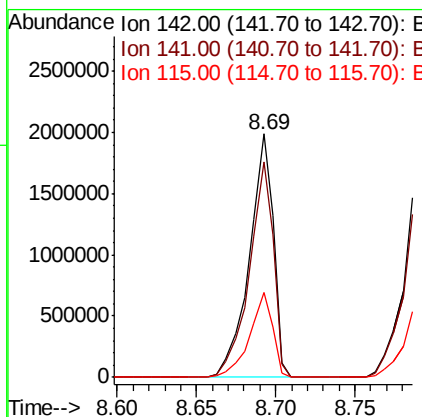
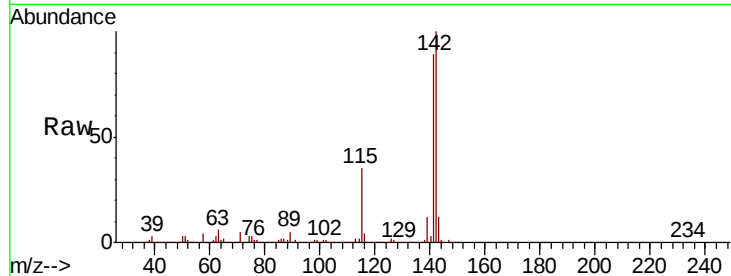
#37
2-Methylnaphthalene
Concen: 38.380 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion:142 Resp: 2086018
Ion Ratio Lower Upper
142 100
141 88.6 70.5 105.7
115 34.9 28.4 42.6

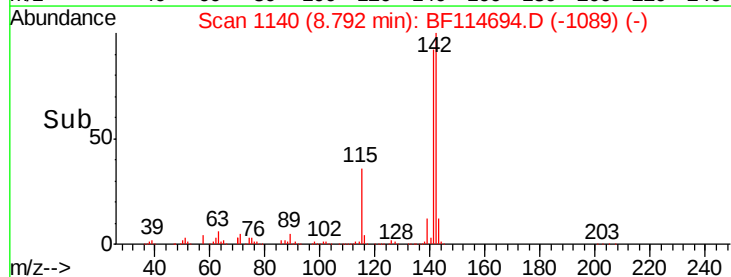
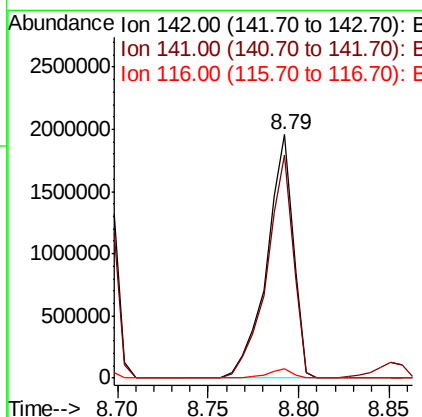
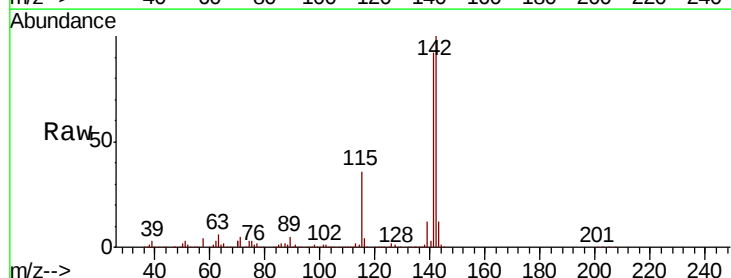
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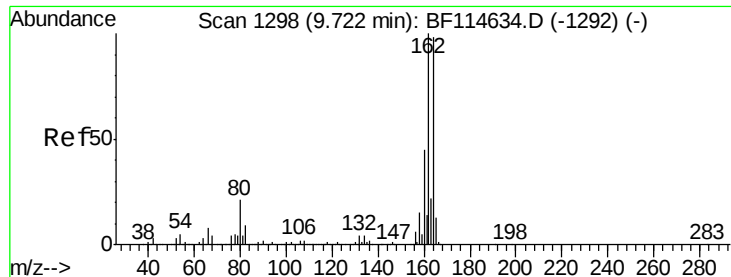
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#38
1-Methylnaphthalene
Concen: 38.617 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:142 Resp: 1988586
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.8 3.2 4.8





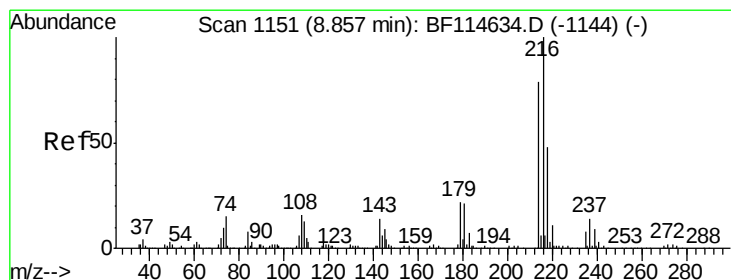
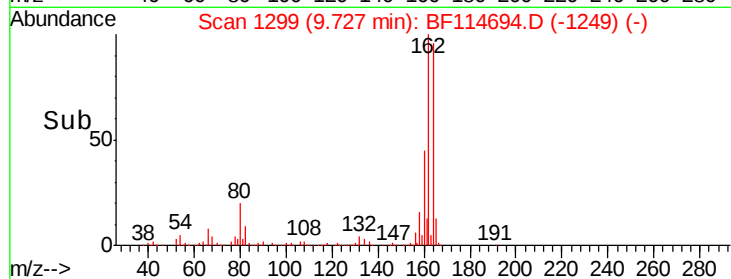
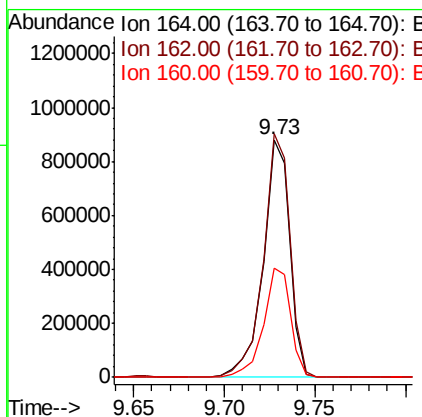
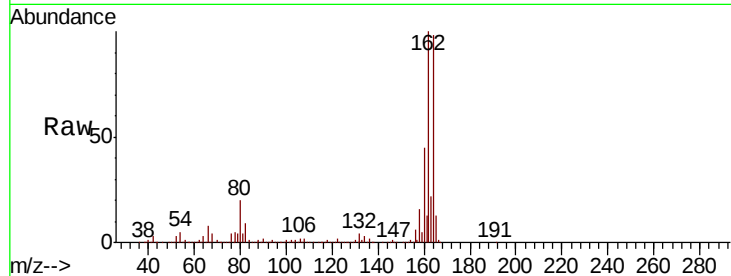
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	83.0	124.4	
160	46.0	38.2	57.2	

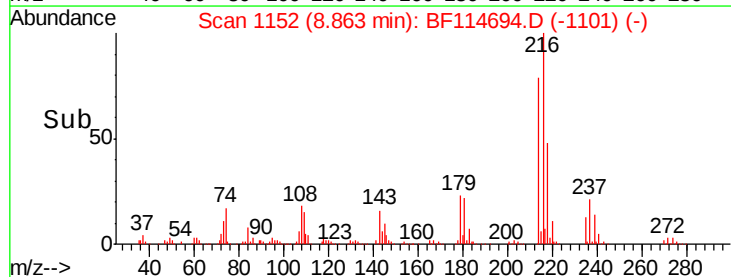
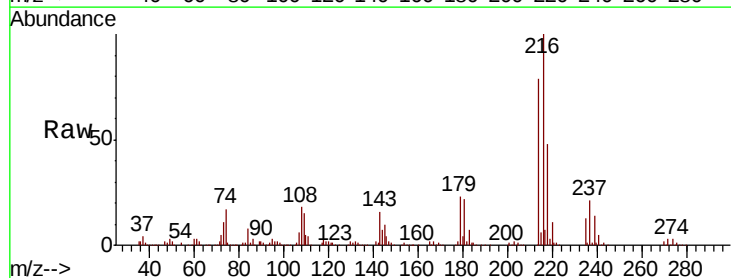
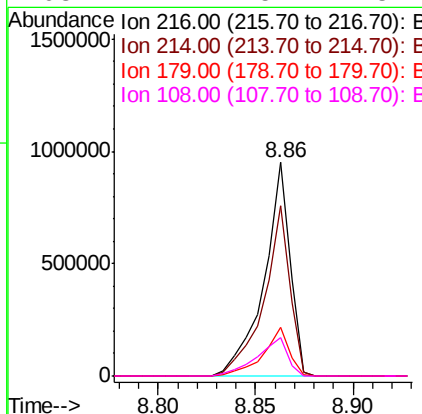
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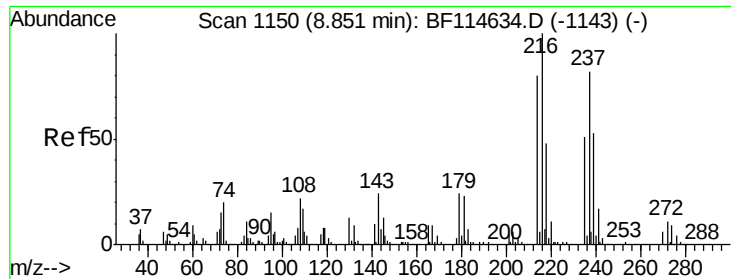
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.931 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.3	94.9	
179	22.5	18.1	27.1	
108	21.1	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 71.747 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tot Ion:237 Resp: 1130838

Ion Ratio Lower Upper

237 100

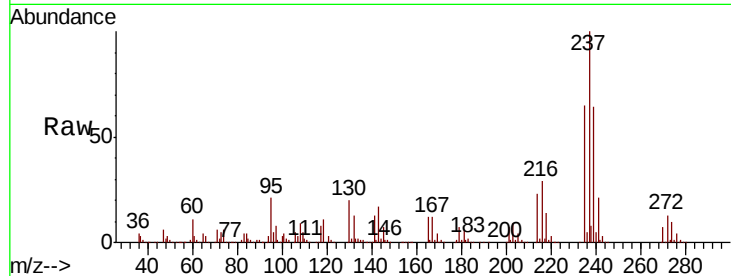
235 64.7 44.1 84.1

272 13.3 0.0 33.0

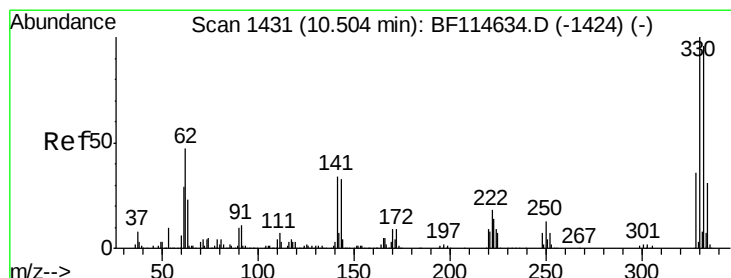
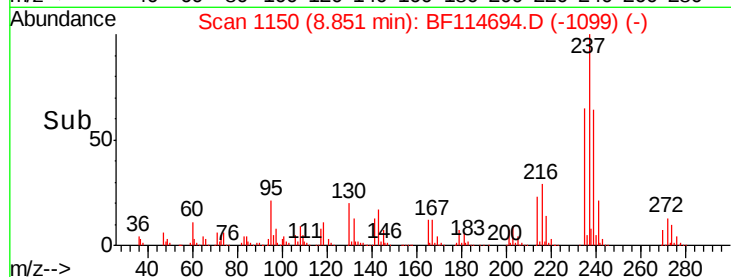
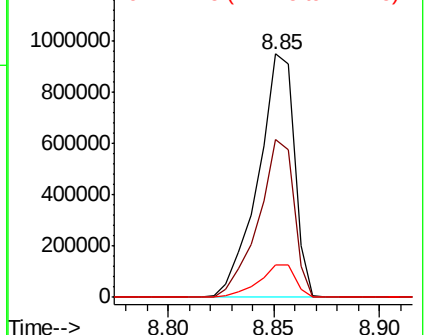
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.404 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

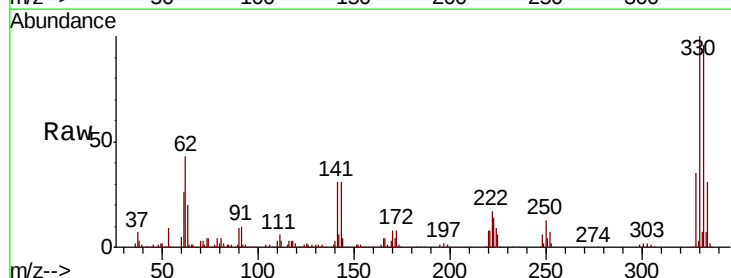
Tgt Ion:330 Resp: 959258

Ion Ratio Lower Upper

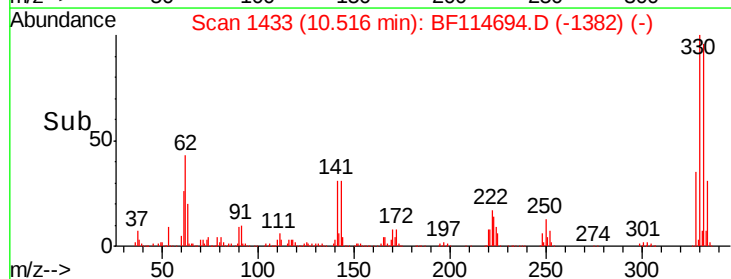
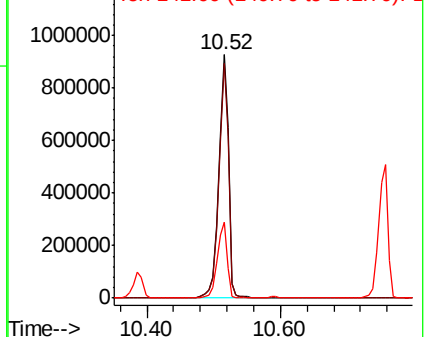
330 100

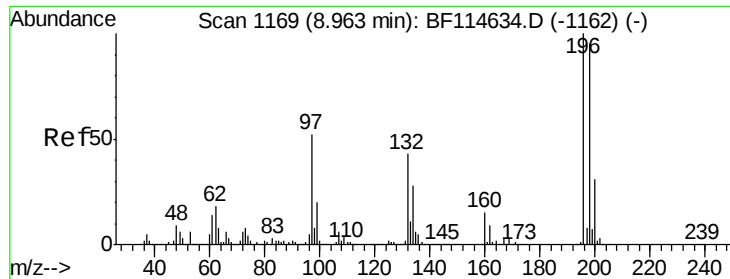
332 95.2 77.1 115.7

141 31.7 26.2 39.2



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





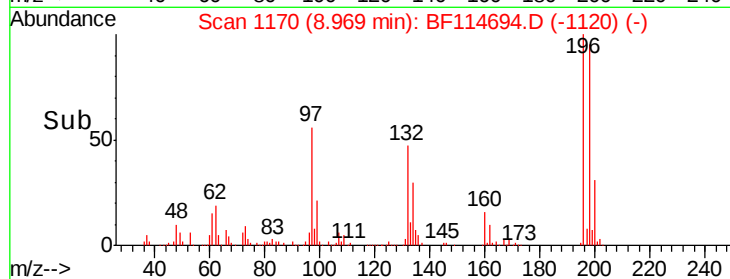
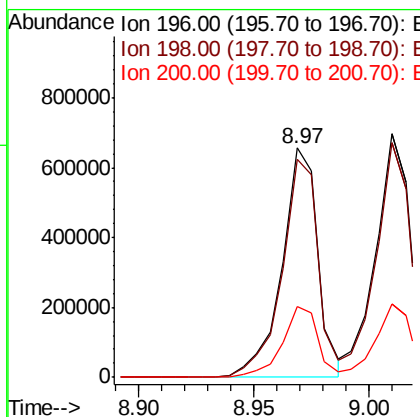
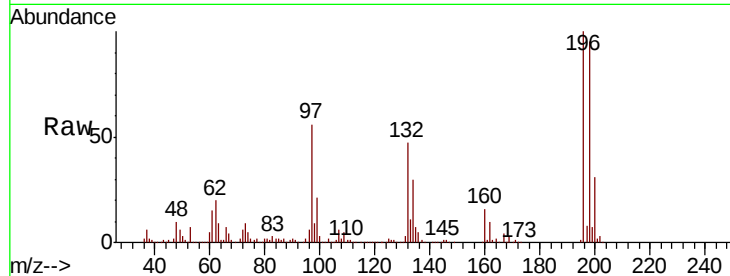
#43
 2,4,6-Trichlorophenol
 Concen: 37.615 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	705930		
198	95.0	77.0	115.6	
200	30.8	25.4	38.0	

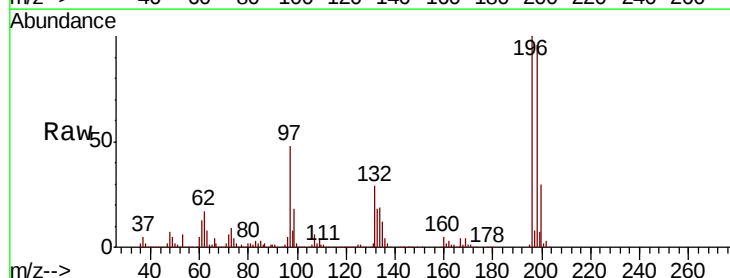
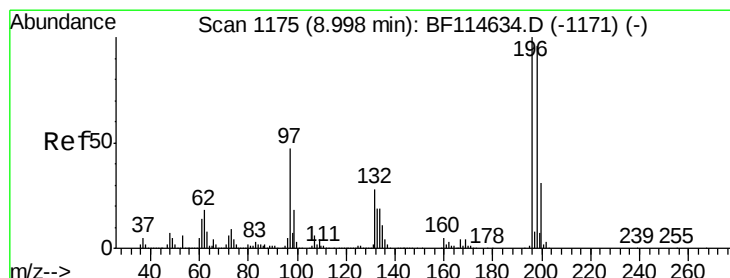
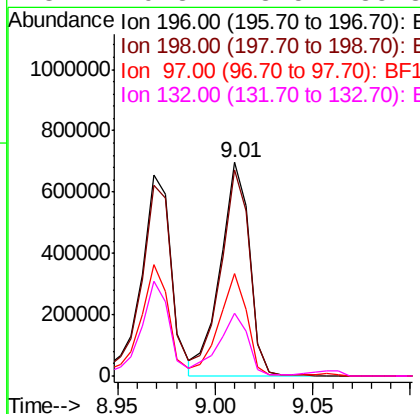
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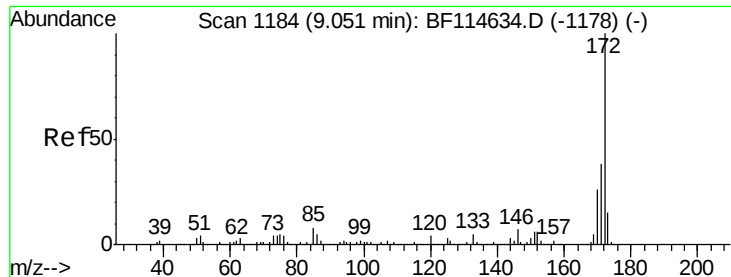
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.438 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	719856		
198	96.4	76.3	114.5	
97	47.7	37.8	56.8	
132	29.3	23.5	35.3	





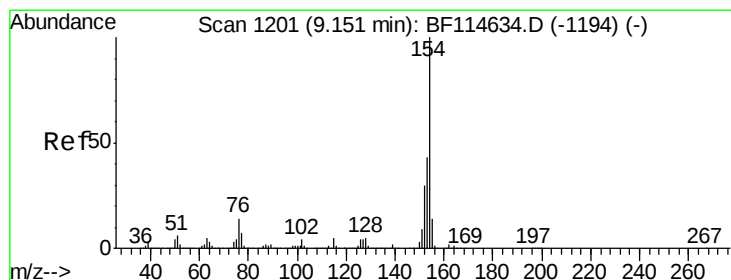
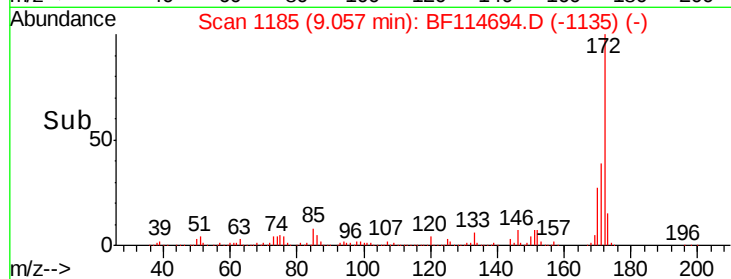
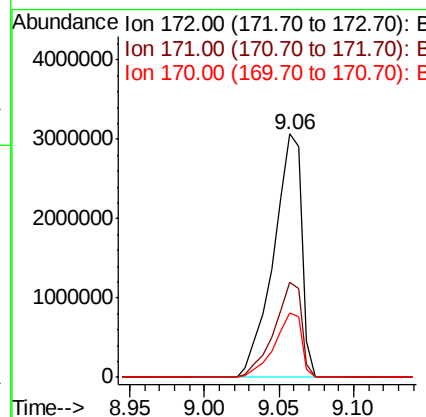
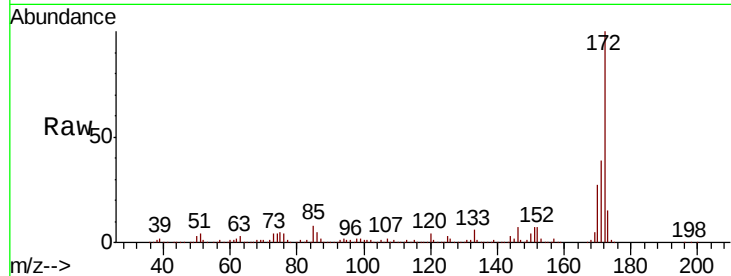
#45
2-Fluorobiphenyl
Concen: 84.875 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	39.2	31.6	47.4	
170	26.6	21.5	32.3	

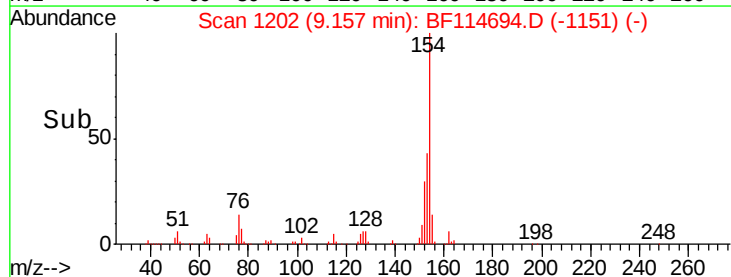
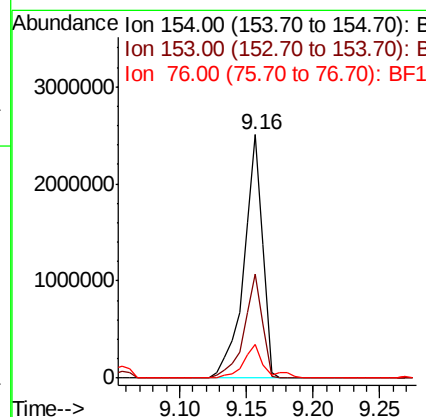
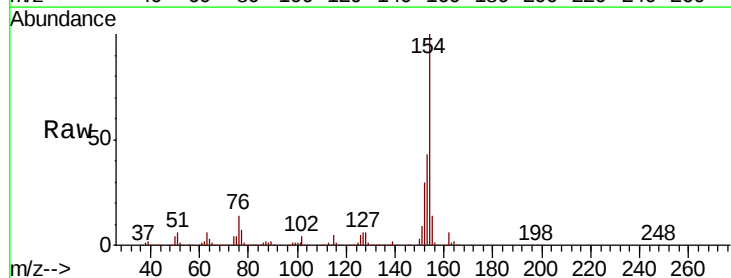
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#46
1,1'-Biphenyl
Concen: 36.527 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.0	23.3	63.3	
76	13.7	0.0	34.4	





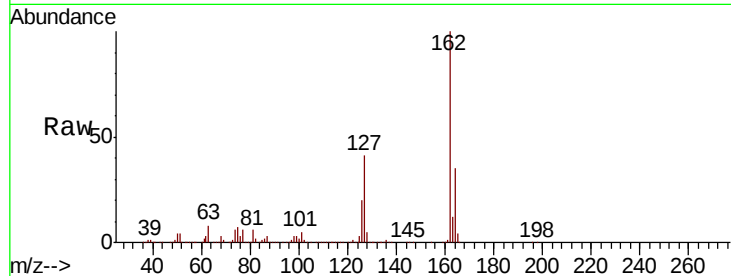
#47
2-Chloronaphthalene
Concen: 35.513 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.8	52.2
164	34.9	28.5	42.7

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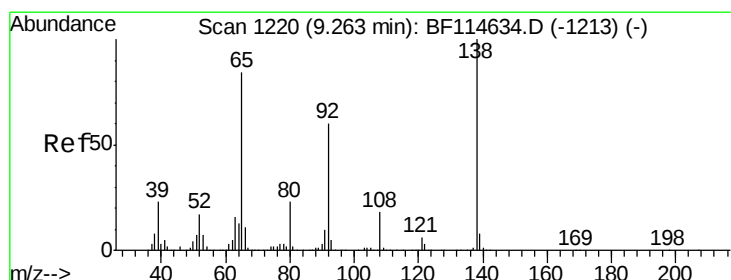
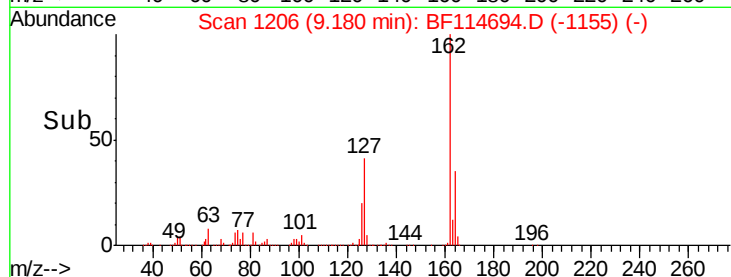
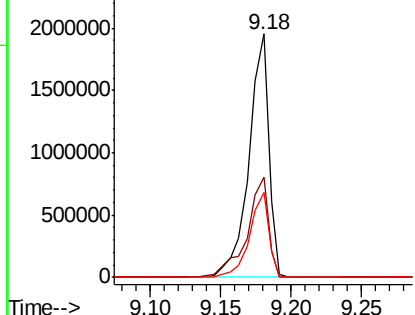


Abundance

Ion 162.00 (161.70 to 162.70): E

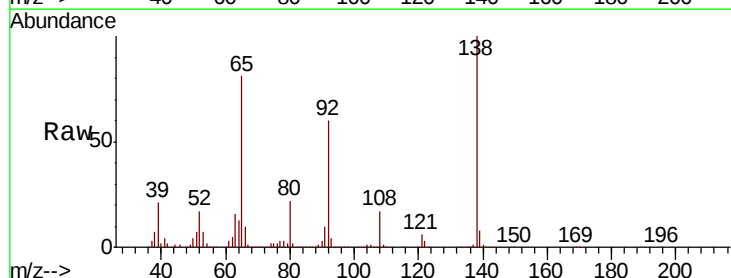
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 34.455 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	60.2	90.4
138	122.8	107.2	160.8

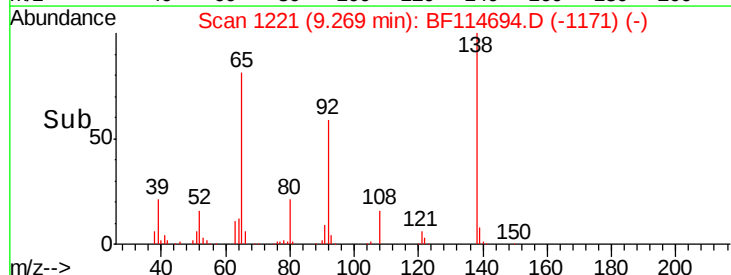
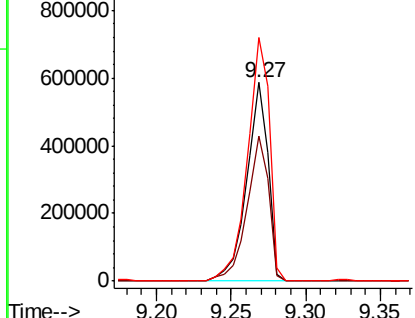


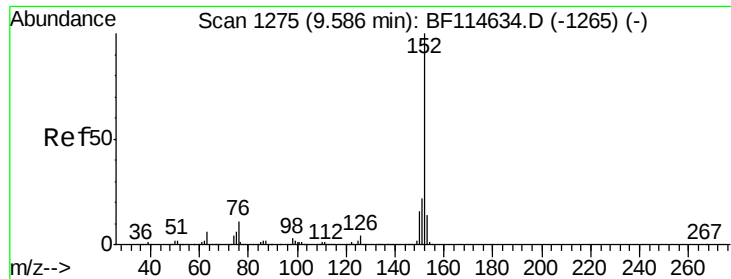
Abundance

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: 35.426 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

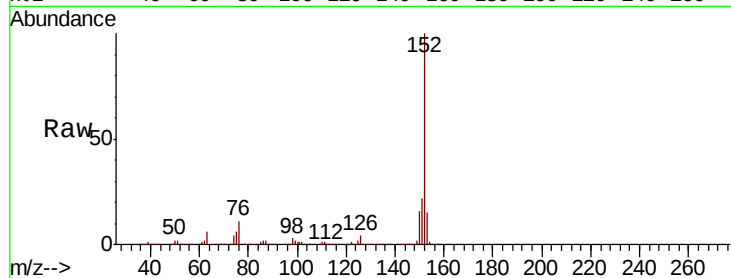
ClientSampleId :

PB119779BS

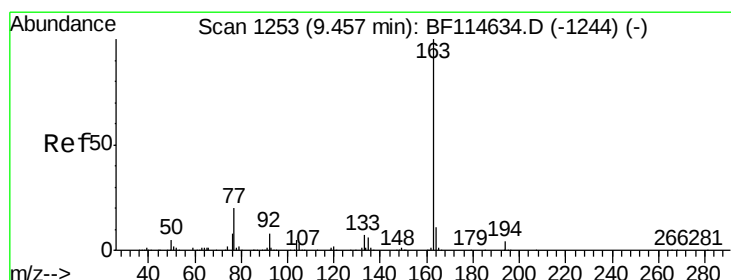
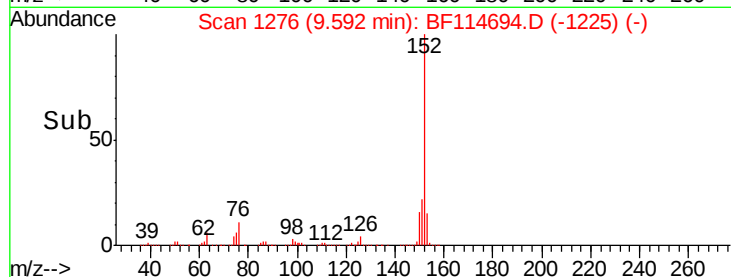
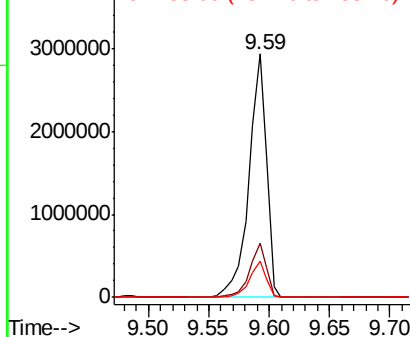
Tot Ion:	152	Resp:	2984753
Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.3	27.5
153	14.8	12.2	18.4

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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: 36.030 ng

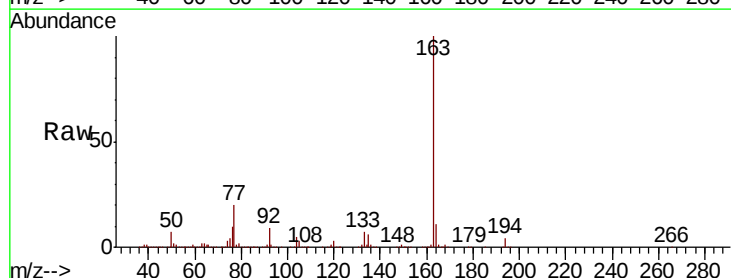
RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

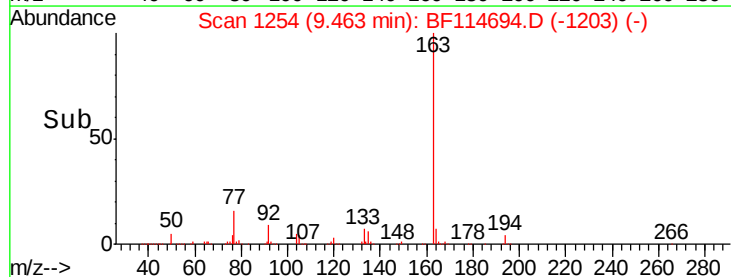
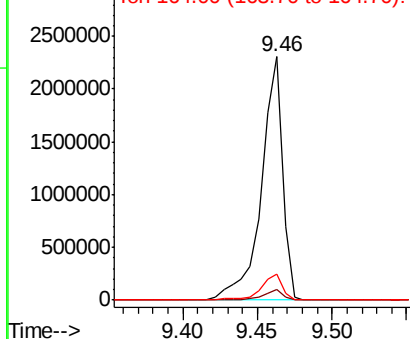
Lab File: BF114694.D

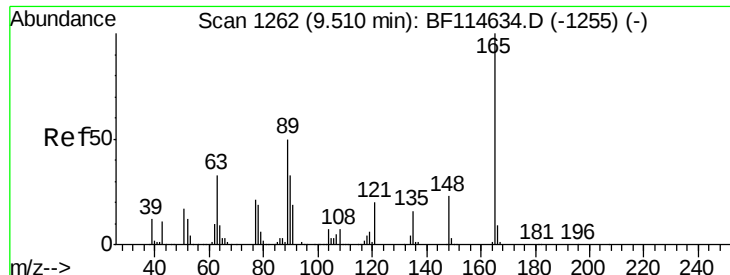
Acq: 31 May 2019 8:55

Tgt Ion:	163	Resp:	2248626
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.9	9.1	13.7



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





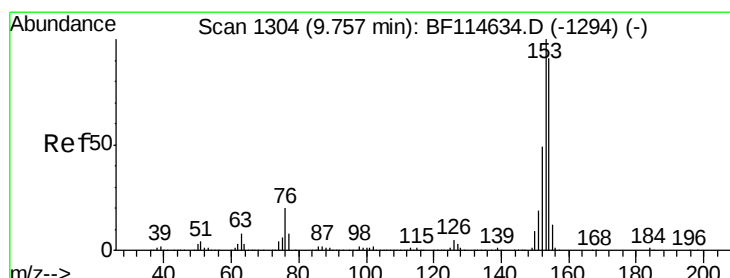
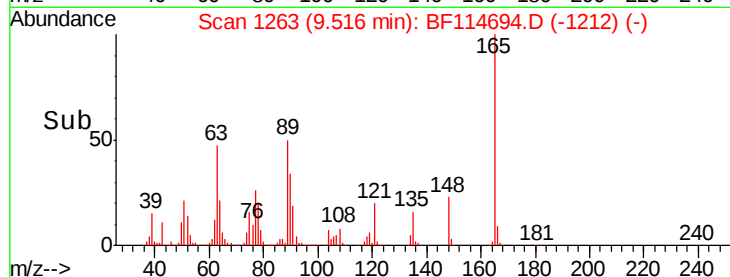
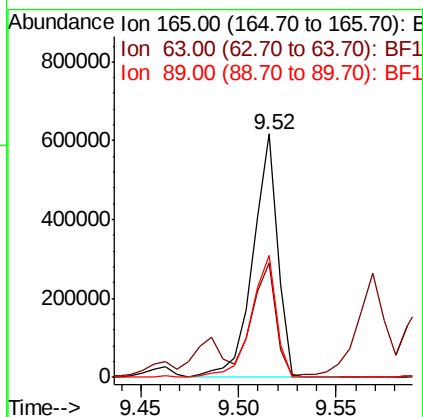
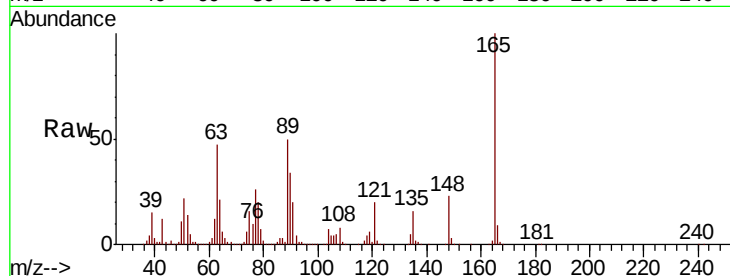
#51
 2,6-Dinitrotoluene
 Concen: 37.426 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	542733		
63	47.2		40.7	61.1
89	50.1		42.6	63.8

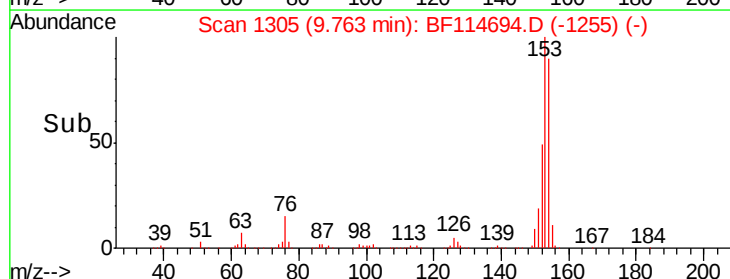
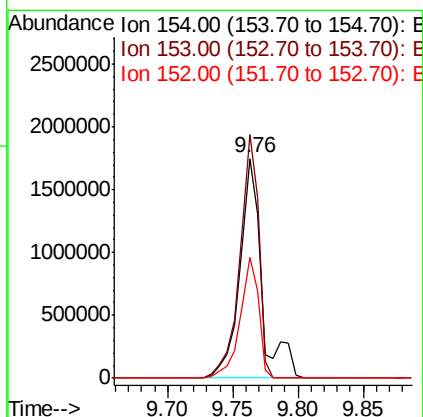
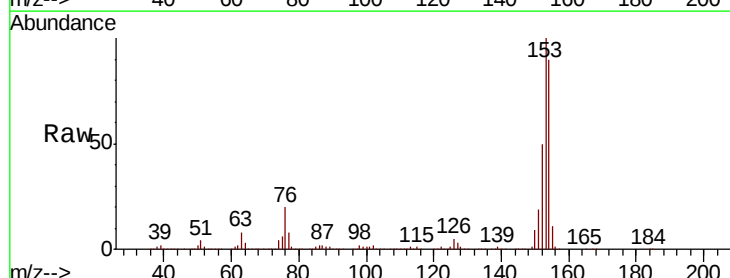
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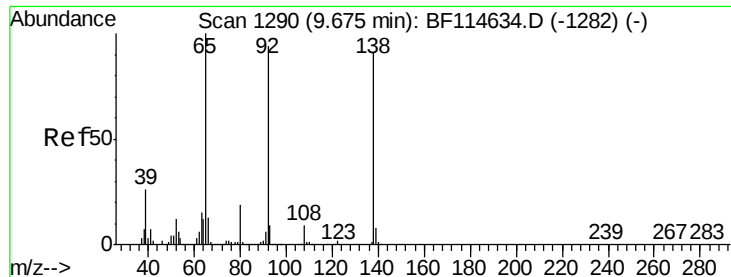
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#52
 Acenaphthene
 Concen: 39.705 ng m
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2051574		
153	110.8		89.0	133.6
152	55.0		43.8	65.6





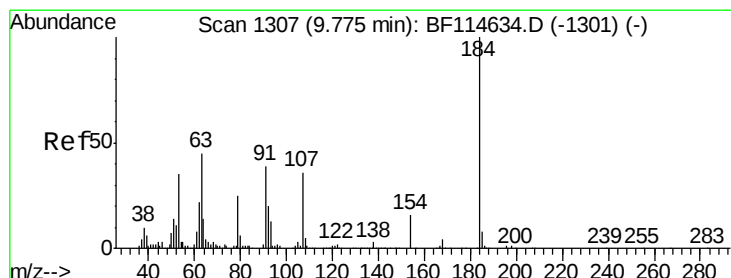
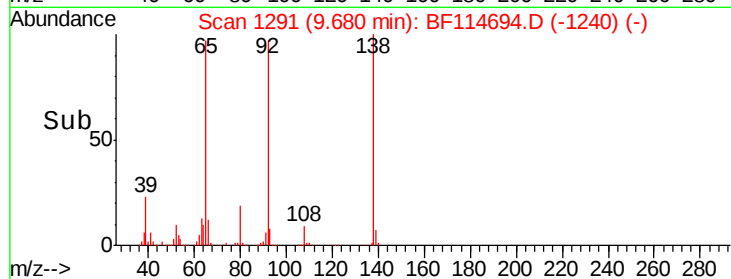
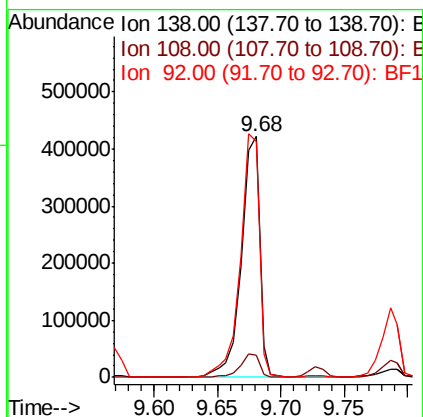
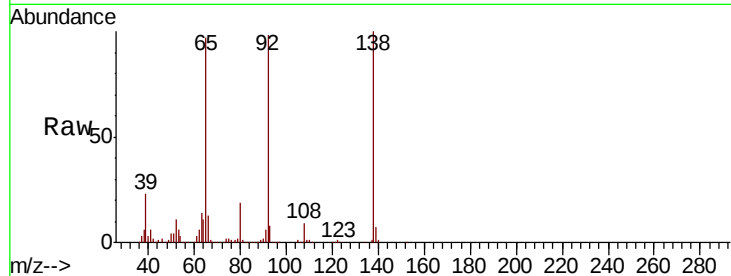
#53
3-Nitroaniline
Concen: 23.783 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.1	12.1
92	97.9	84.2	126.4

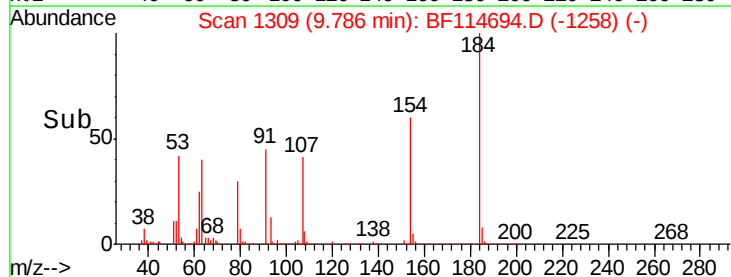
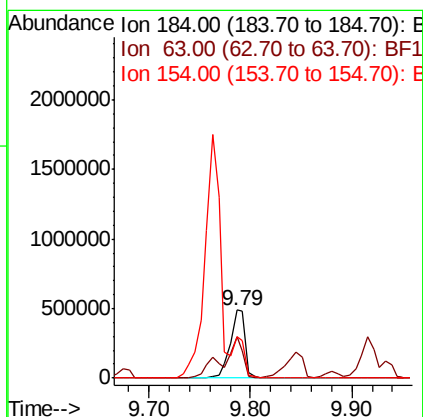
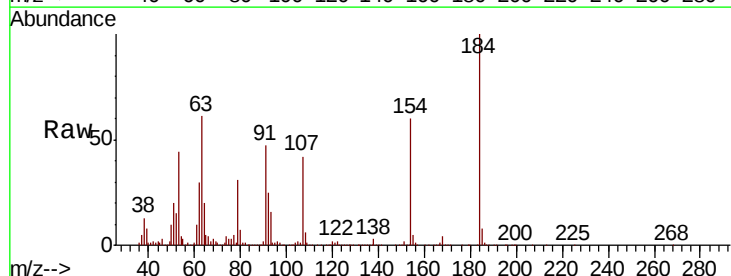
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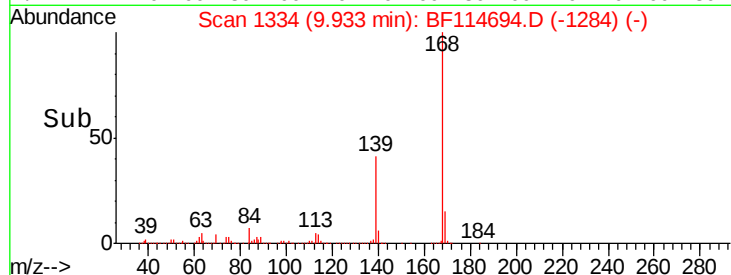
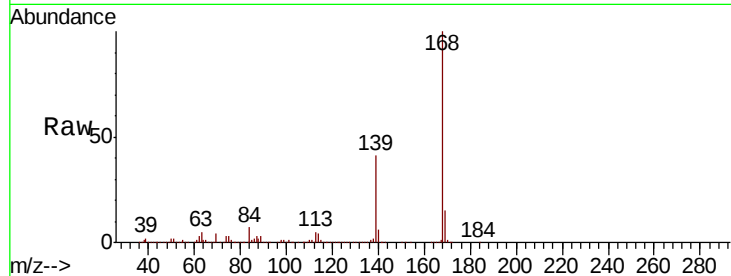
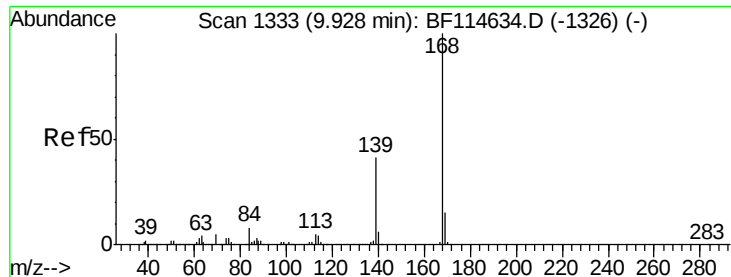
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#54
2,4-Dinitrophenol
Concen: 88.724 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	47.2	70.8
154	60.2	46.7	70.1





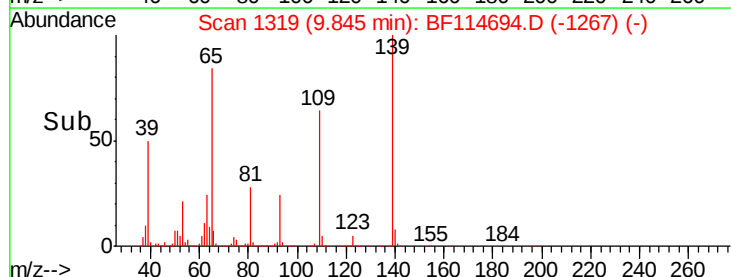
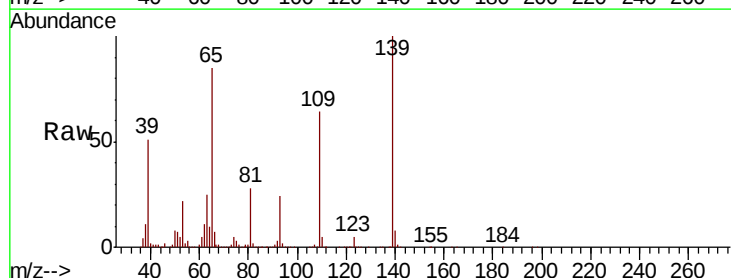
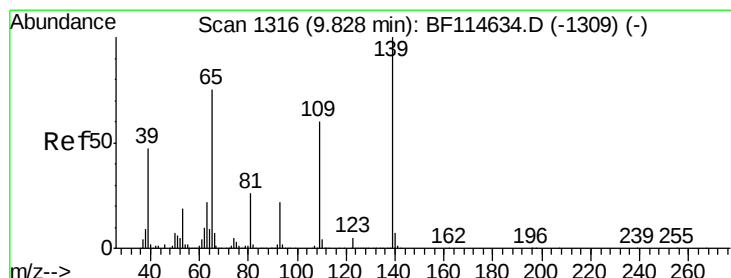
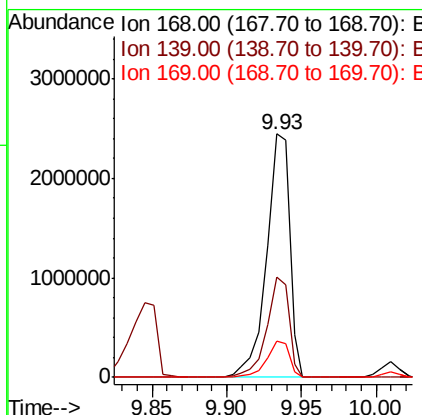
#55
Dibenzofuran
Concen: 35.467 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.2	48.4
169	14.9	11.8	17.6

Instrument :
BNA_F
ClientSampleId :
PB119779BS

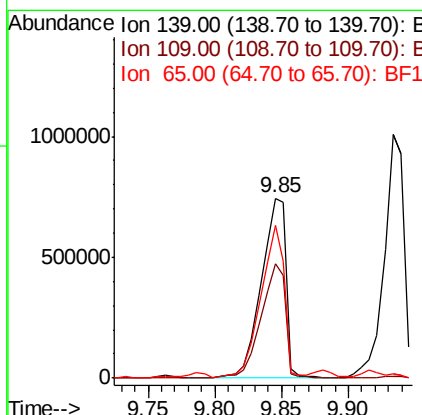
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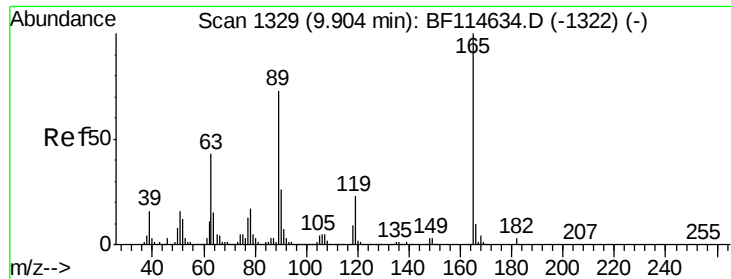
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#56
4-Nitrophenol
Concen: 71.767 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	41.9	81.9
65	84.5	62.7	102.7





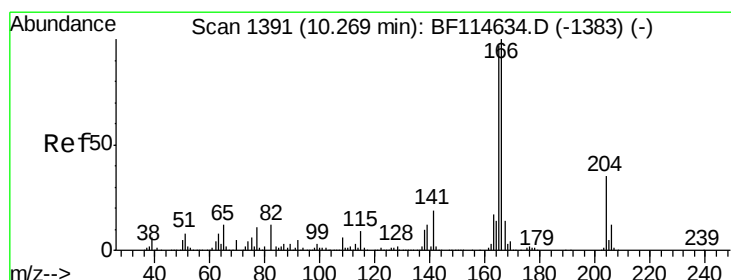
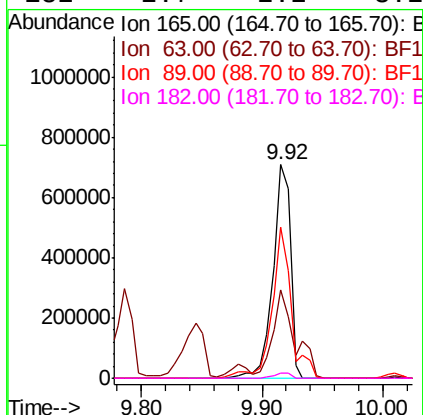
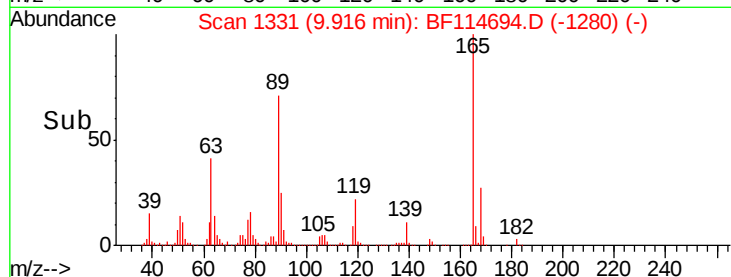
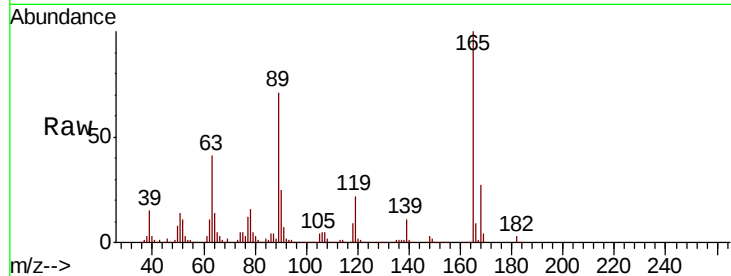
#57
2,4-Dinitrotoluene
Concen: 37.829 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	704051		
63	41.4	32.5	48.7	
89	70.9	54.9	82.3	
182	2.7	2.2	3.2	

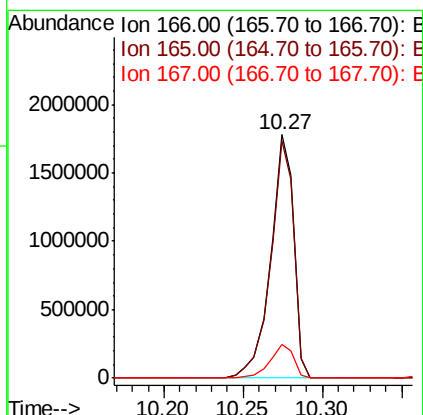
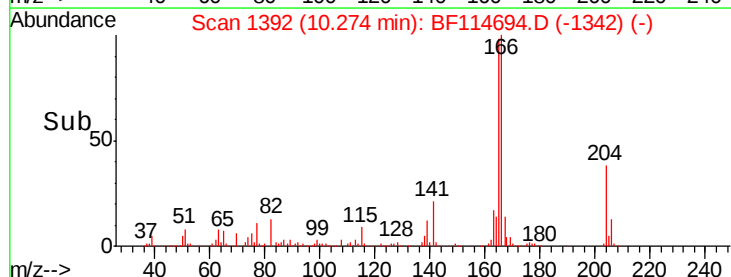
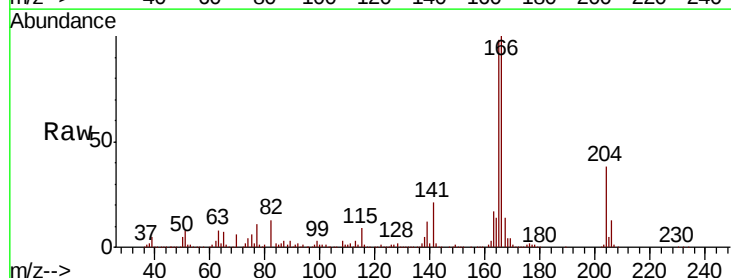
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#58
Fluorene
Concen: 34.926 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1810696		
165	97.6	78.6	118.0	
167	14.1	10.7	16.1	





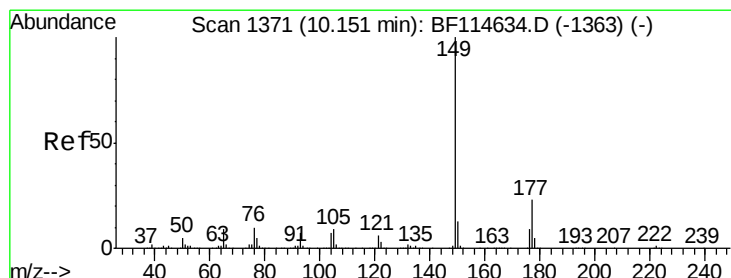
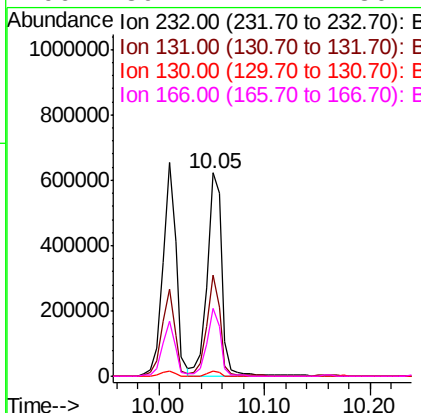
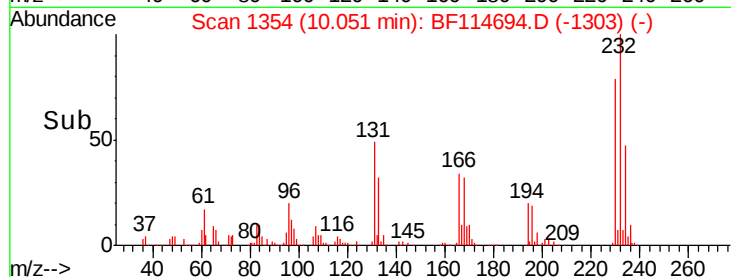
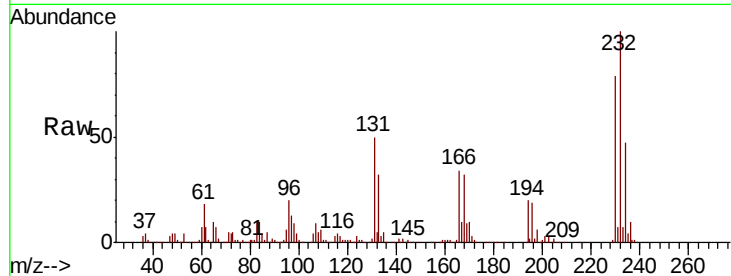
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.261 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	601839		
131	45.1	36.2	54.2	
130	2.2	1.8	2.6	
166	30.7	24.1	36.1	

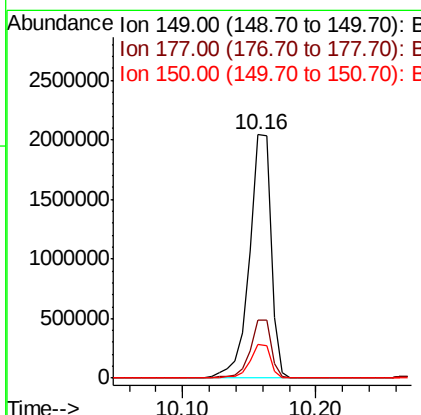
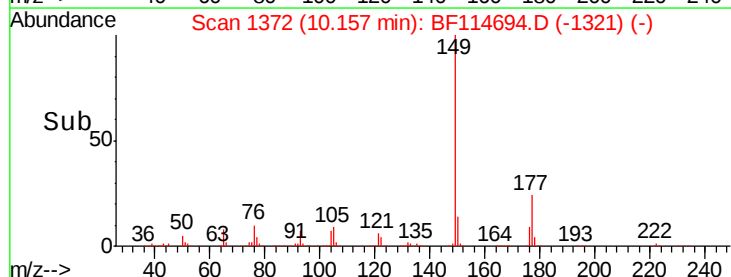
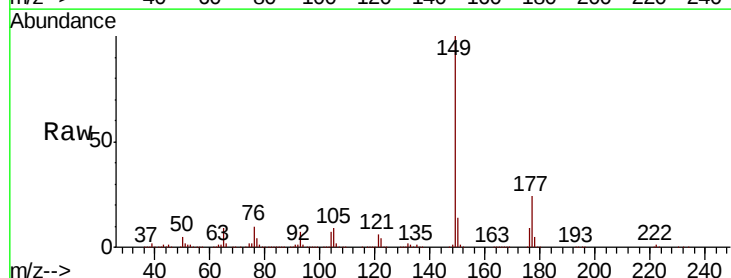
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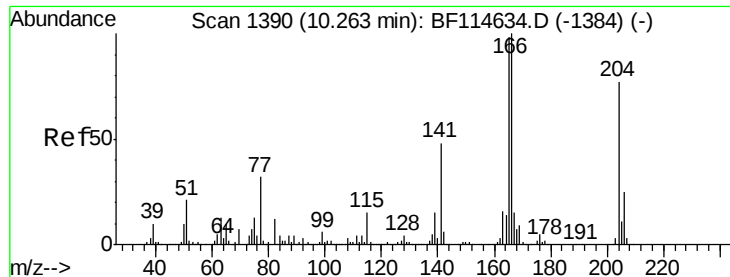
mohammad
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#60
Diethylphthalate
Concen: 35.270 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2248149		
177	23.6	19.0	28.6	
150	13.7	10.9	16.3	





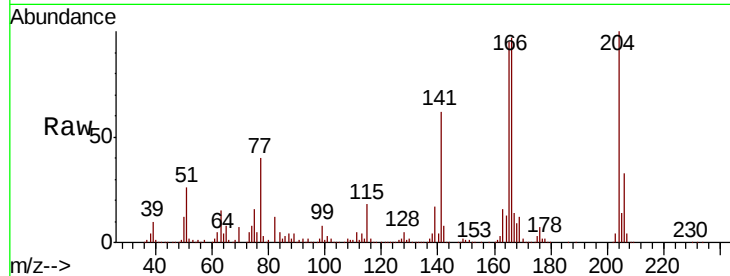
#61
 4-Chlorophenyl-phenylether
 Concen: 35.758 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampled :
 PB119779BS

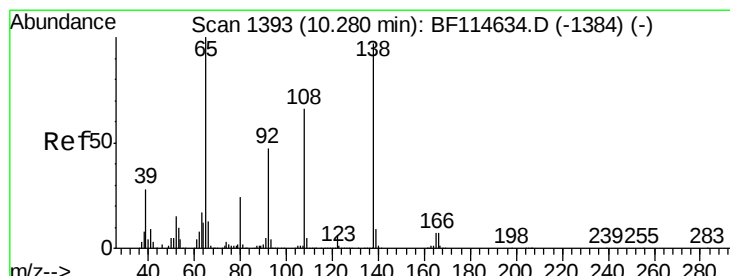
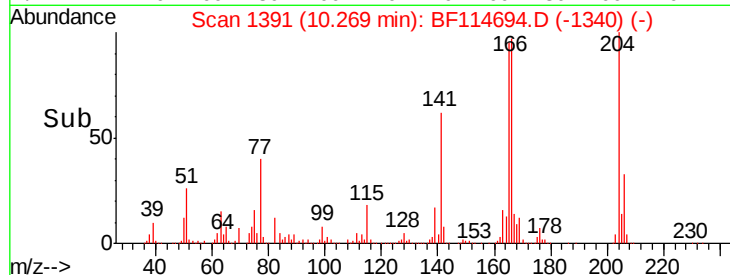
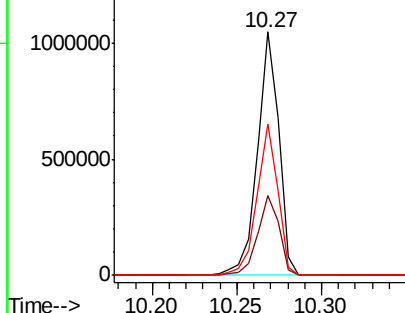
Tot Ion:	204	Resp:	929356
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	62.3	50.2	75.4

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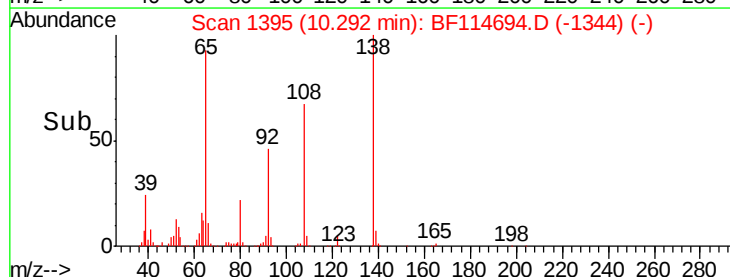
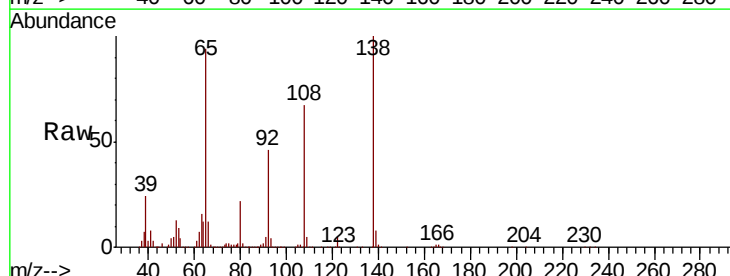
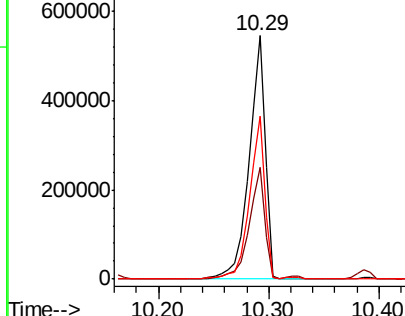
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

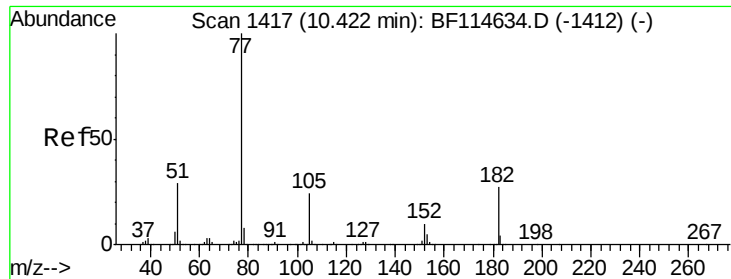


#62
 4-Nitroaniline
 Concen: 32.791 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:	138	Resp:	567117
Ion Ratio	Lower	Upper	
138	100		
92	45.9	27.1	67.1
108	67.1	45.4	85.4

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





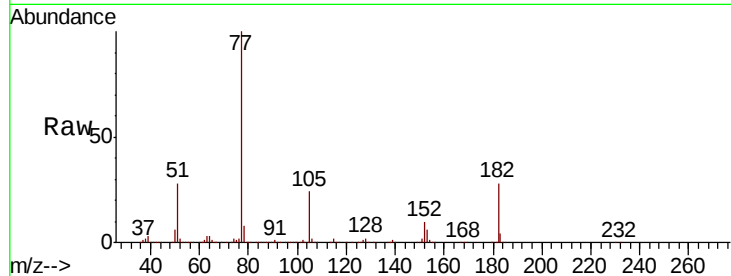
#63
Azobenzene
Concen: 34.451 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.1	48.1
105	23.9	4.7	44.7
51	28.1	8.6	48.6

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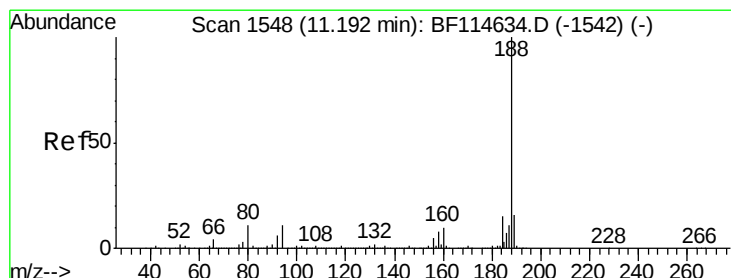
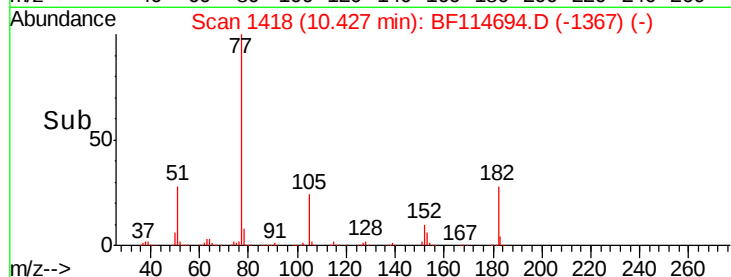
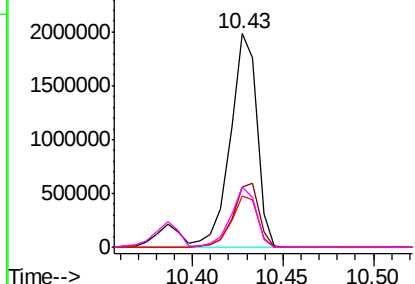
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

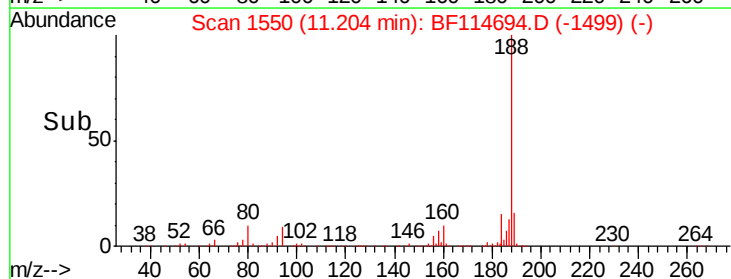
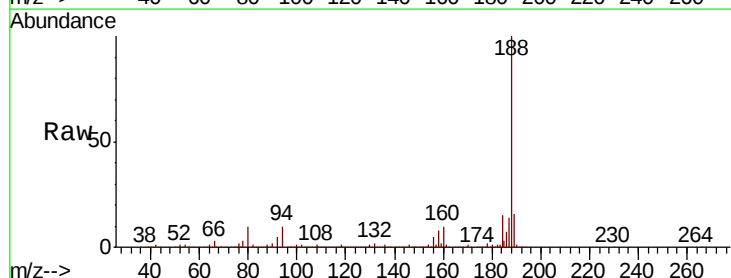
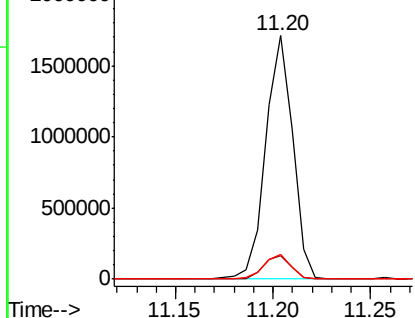
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.1	8.2	12.2

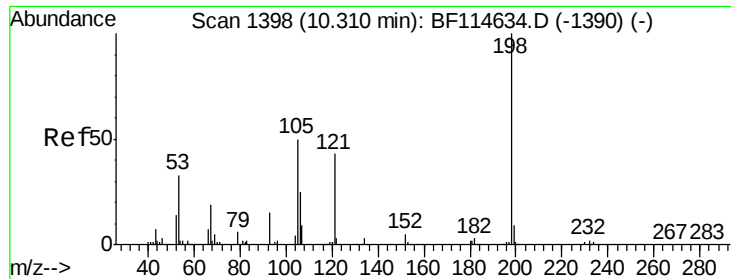
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





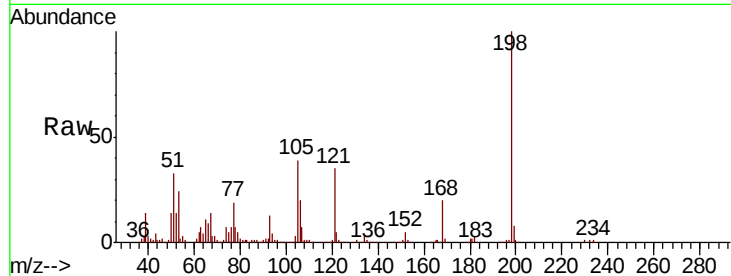
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.952 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

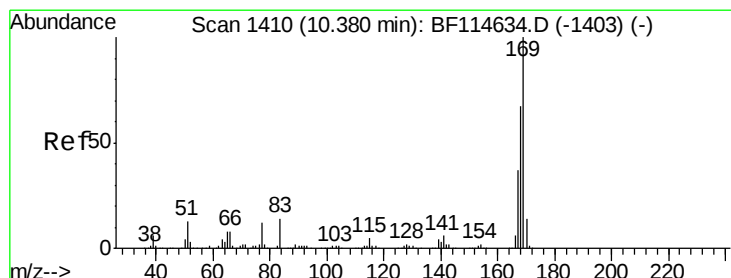
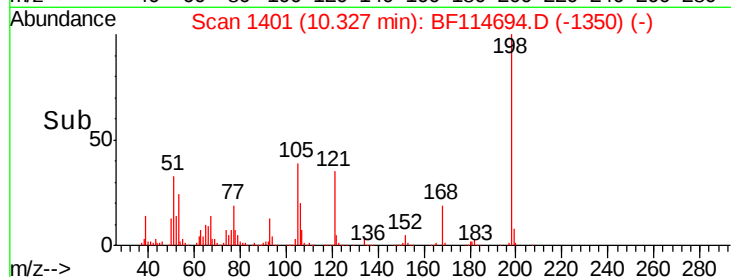
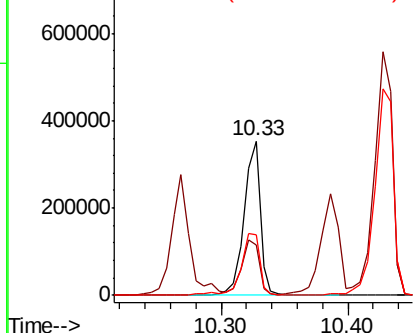
Tot Ion	Ratio	Resp	Lower	Upper
198	100	313170		
51	32.7	16.4	56.4	
105	39.3	21.6	61.6	

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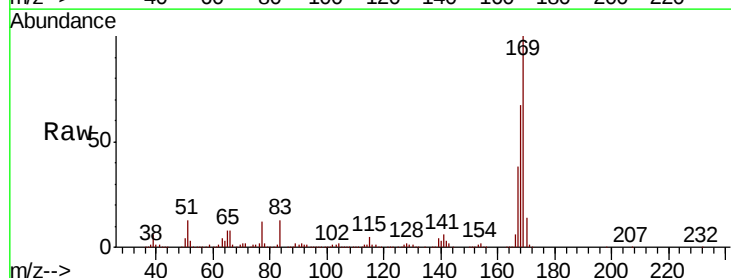


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

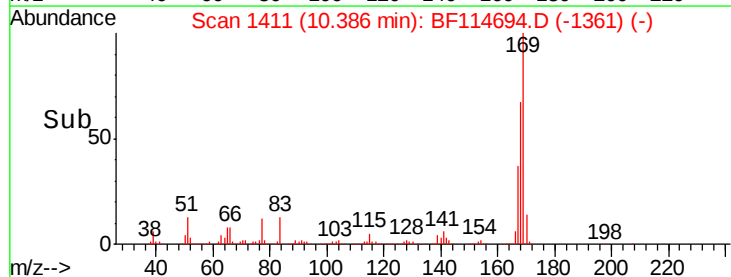
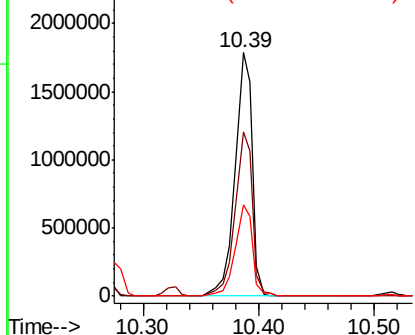


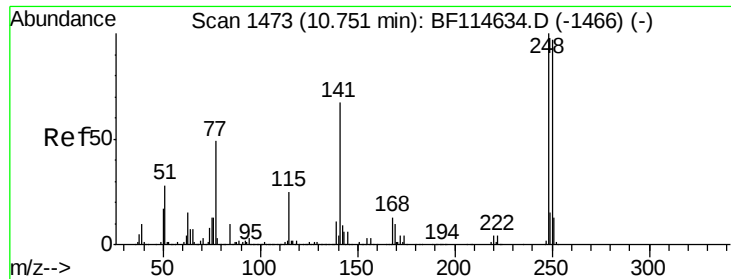
#66
 n-Nitrosodiphenylamine
 Concen: 37.651 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1829143		
168	67.5	54.0	81.0	
167	37.5	29.9	44.9	



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





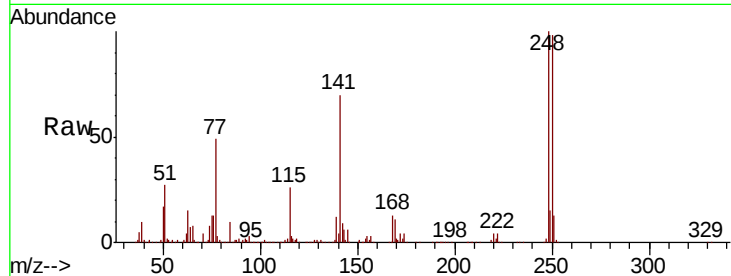
#67
4-Bromophenyl-phenylether
Concen: 36.505 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleID :
PB119779BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.8	115.2
141	69.9	56.6	84.8

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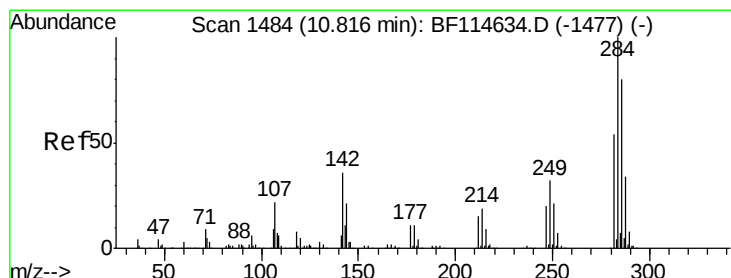
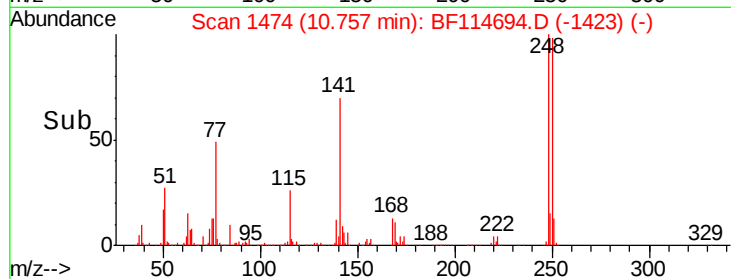
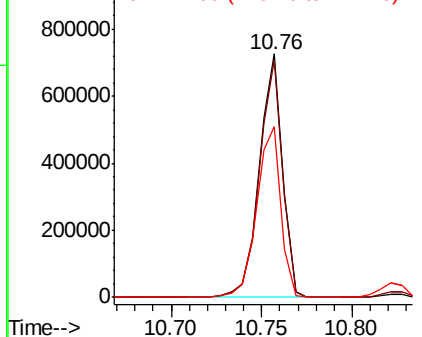


Abundance

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: 35.911 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

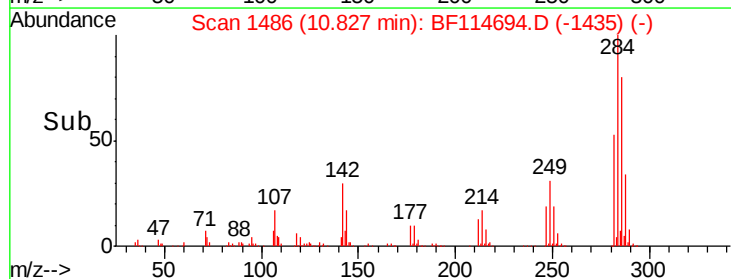
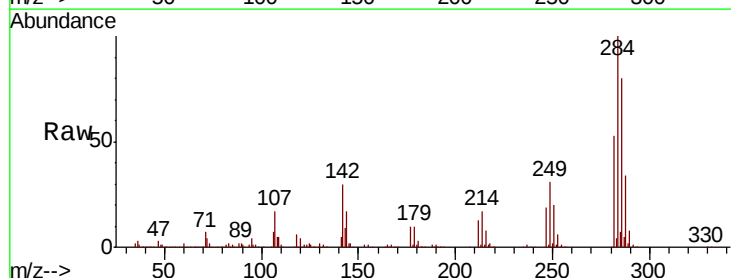
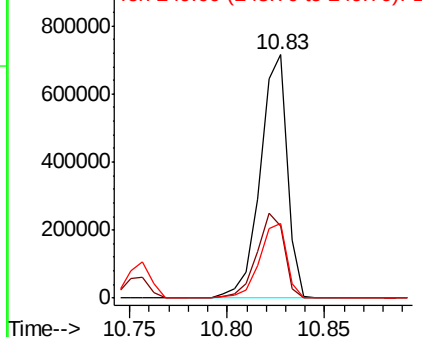
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	25.0	37.6
249	30.9	25.1	37.7

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





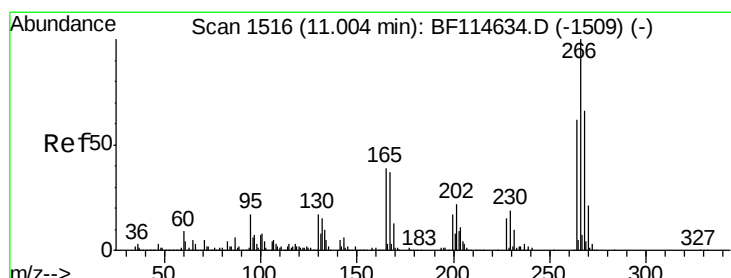
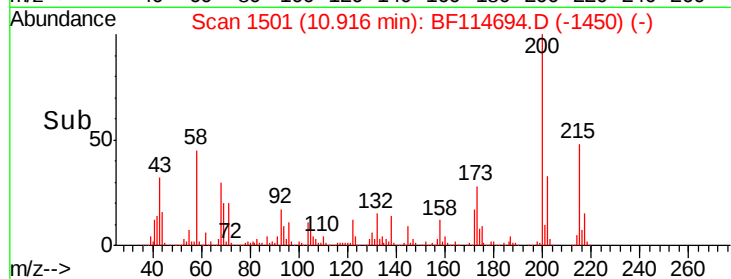
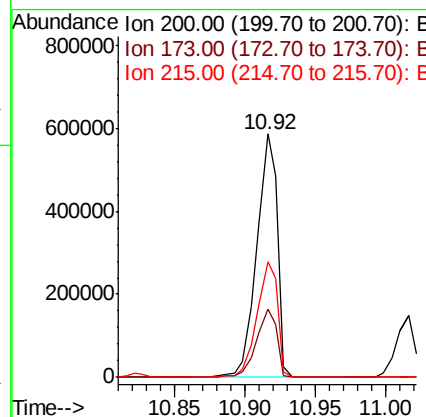
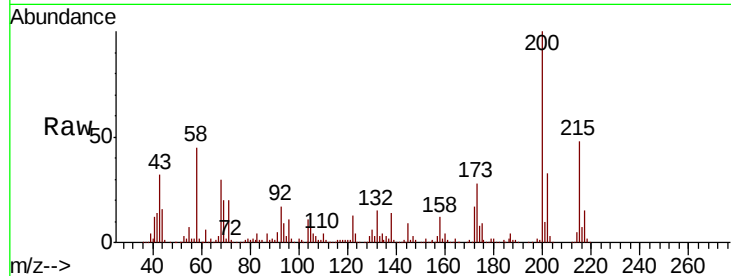
#69
Atrazine
Concen: 38.302 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	8.5	48.5
215	47.6	27.2	67.2

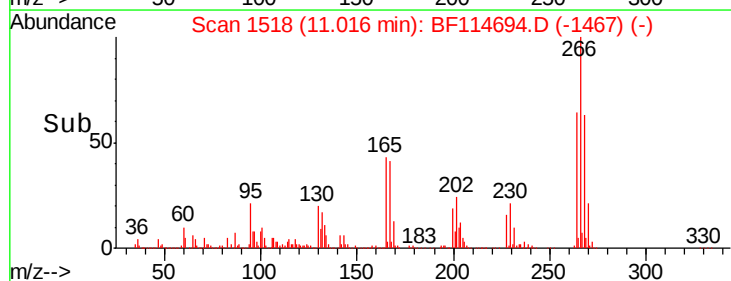
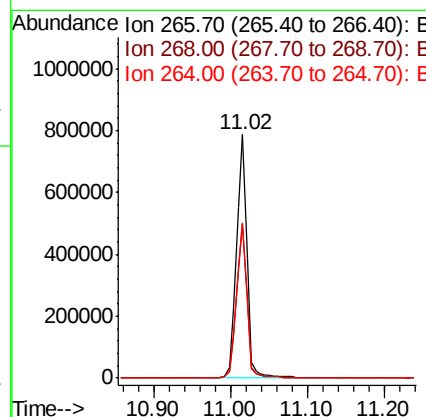
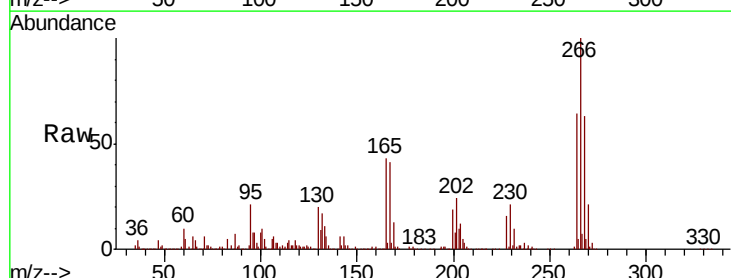
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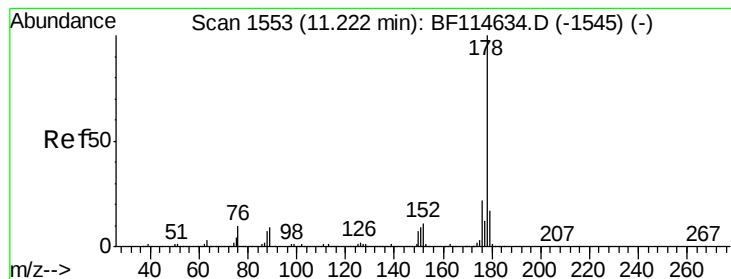
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#70
Pentachlorophenol
Concen: 68.971 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	52.6	78.8
264	63.7	49.6	74.4





#71

Phenanthrene

Concen: 33.319 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tot Ion:178 Resp: 2794766

Ion Ratio Lower Upper

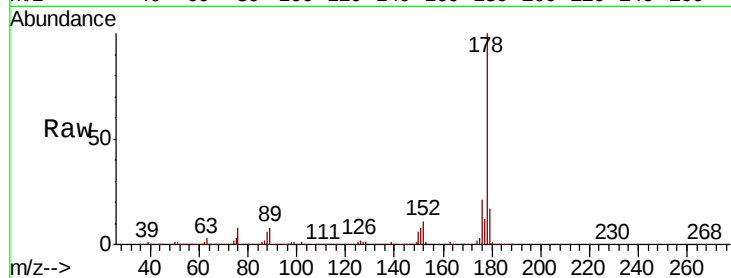
178 100

176 21.1 17.4 26.2

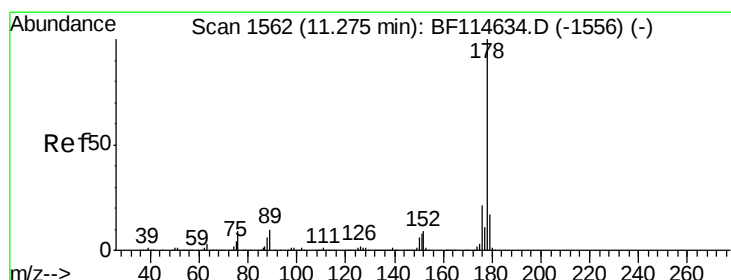
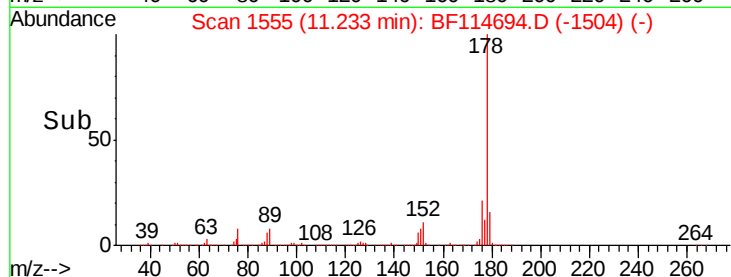
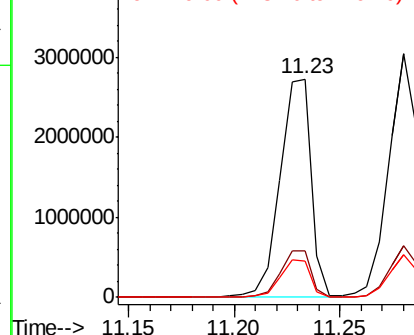
179 16.5 13.6 20.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.184 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

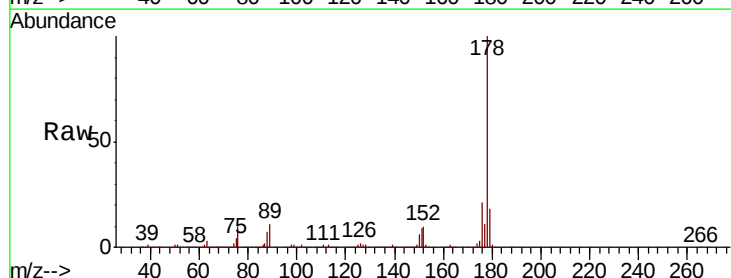
Tgt Ion:178 Resp: 2902026

Ion Ratio Lower Upper

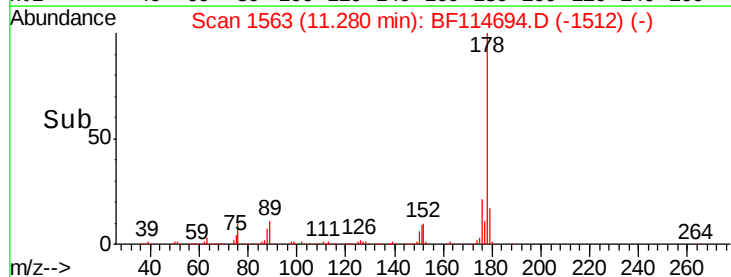
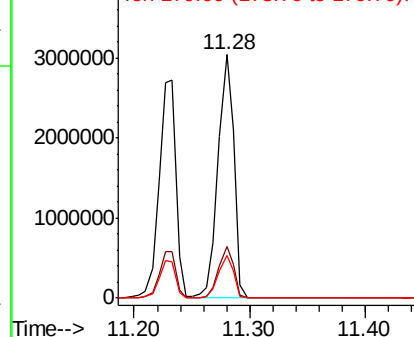
178 100

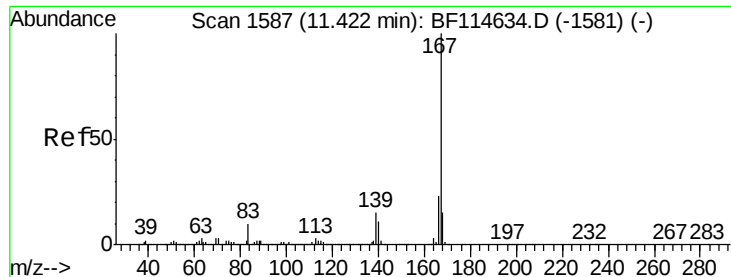
176 21.2 17.1 25.7

179 17.5 14.2 21.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





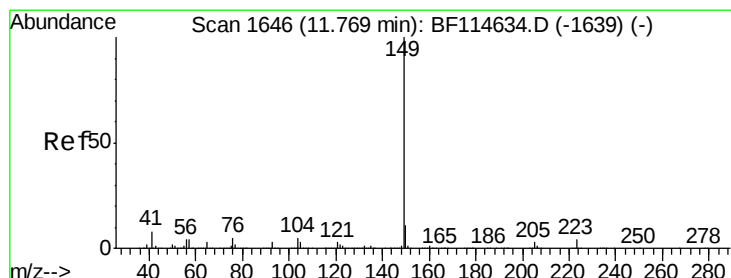
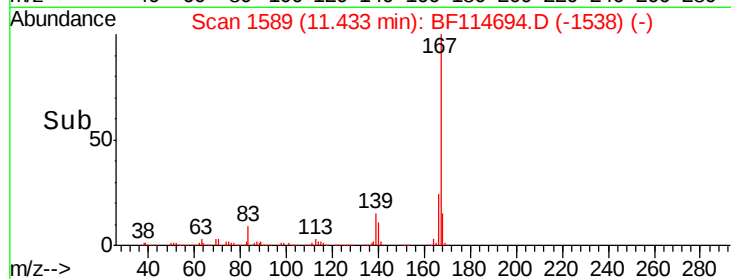
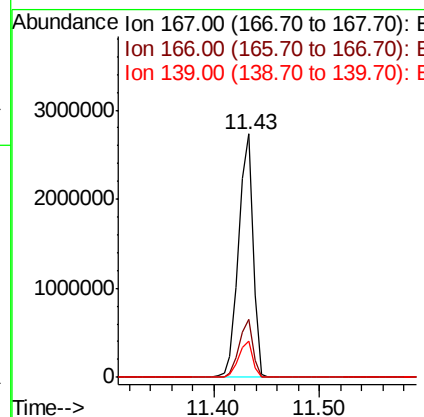
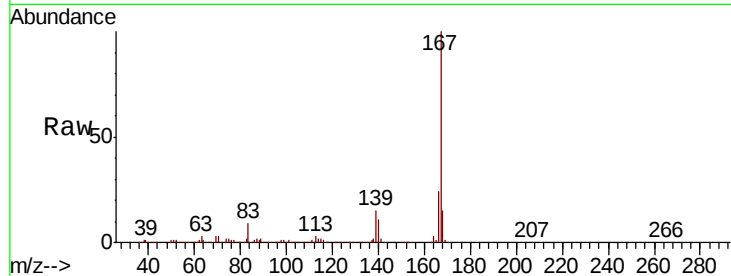
#73
 Carbazole
 Concen: 34.364 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.0	28.4
139	14.6	11.9	17.9

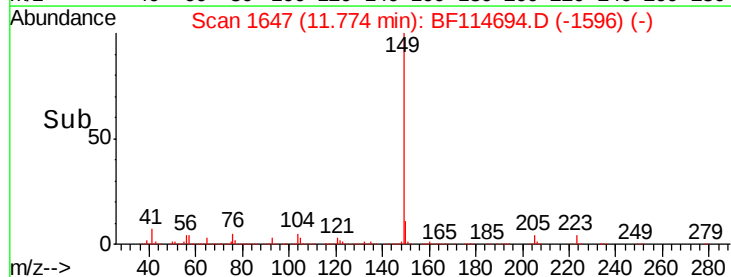
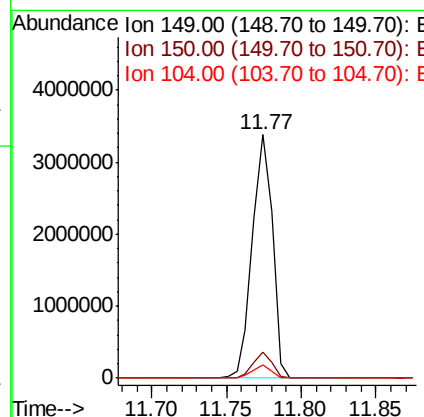
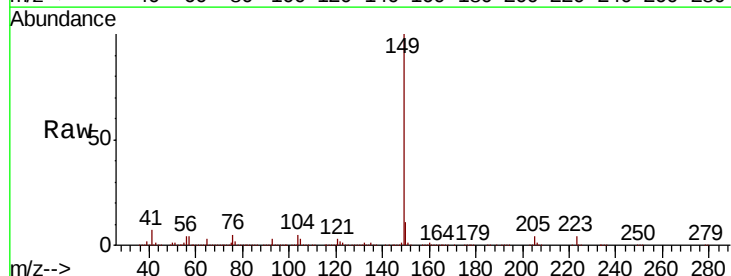
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#74
 Di-n-butylphthalate
 Concen: 32.472 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.0	13.6
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 32.015 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

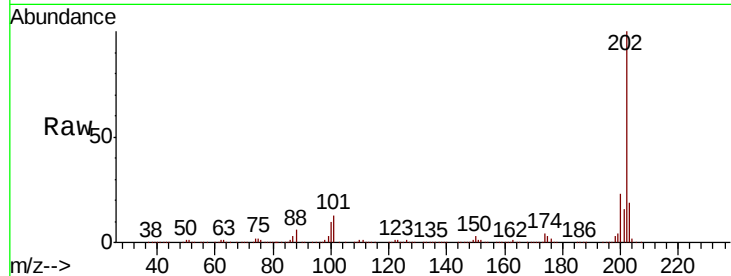
ClientSampleId :

PB119779BS

Tot Ion:	202	Resp:	2780670
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.5
203	19.4	0.1	40.1

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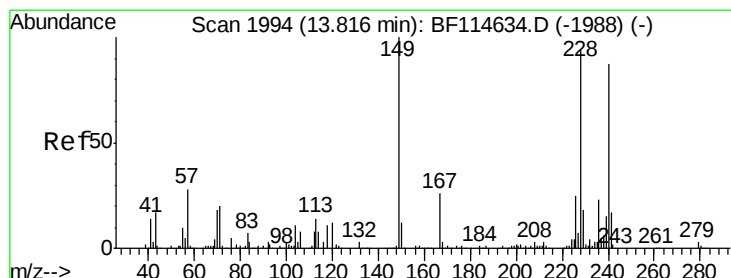
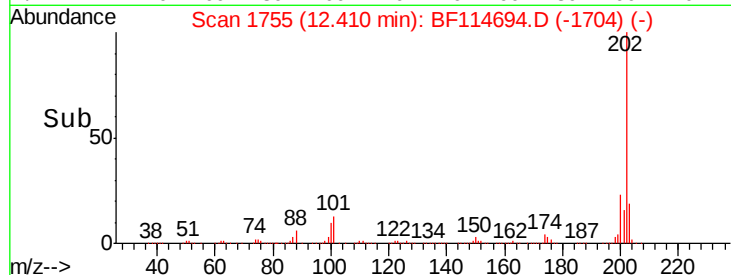
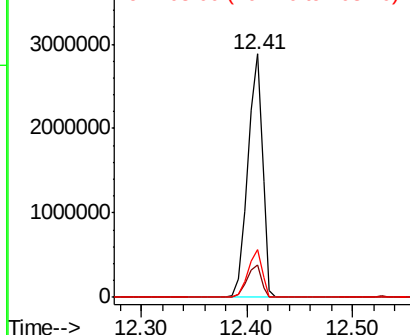


Abundance

Ion 202.00 (201.70 to 202.70): E

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

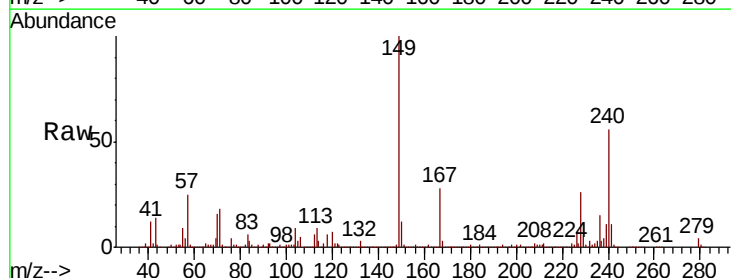
RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion:	240	Resp:	876513
Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.8	16.2
236	27.5	21.9	32.9

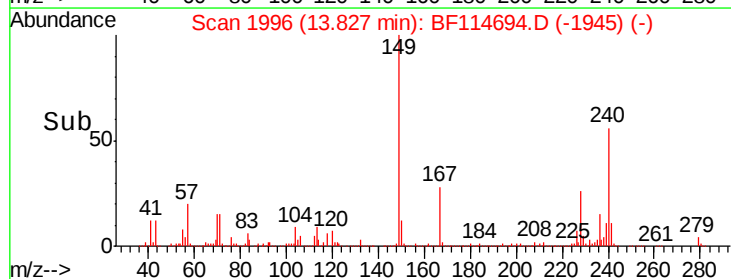
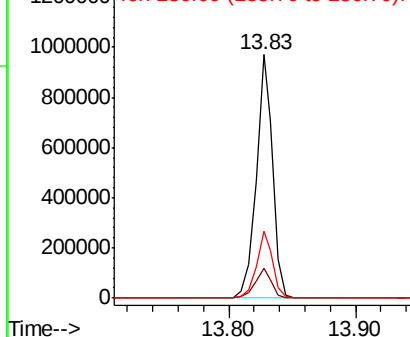


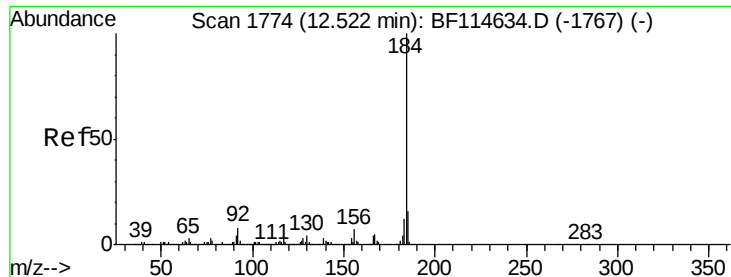
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.756 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tot Ion:184 Resp: 1687573

Ion Ratio Lower Upper

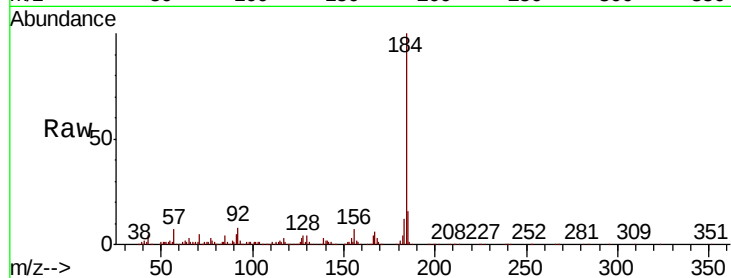
184 100

185 15.5 12.7 19.1

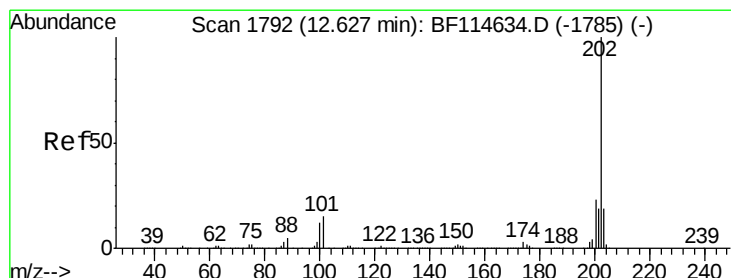
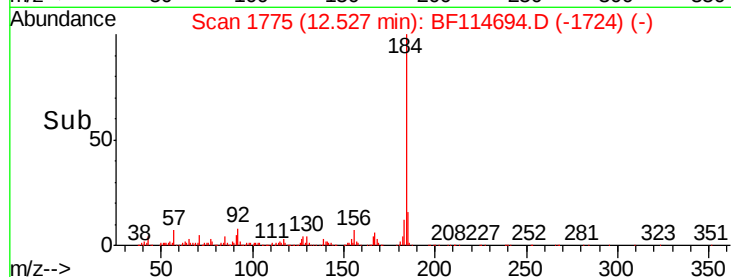
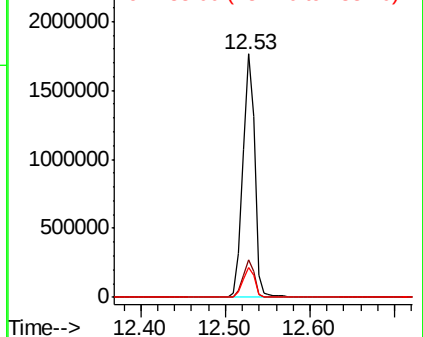
183 12.4 9.8 14.6

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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: 37.377 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

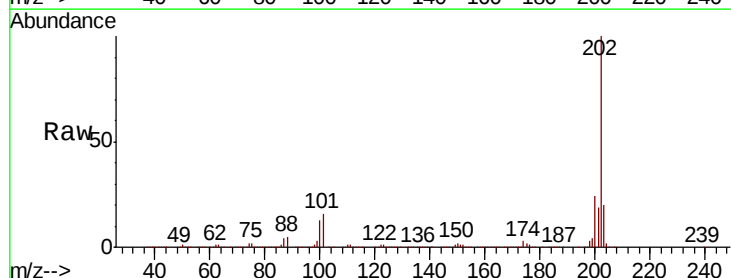
Tgt Ion:202 Resp: 2771352

Ion Ratio Lower Upper

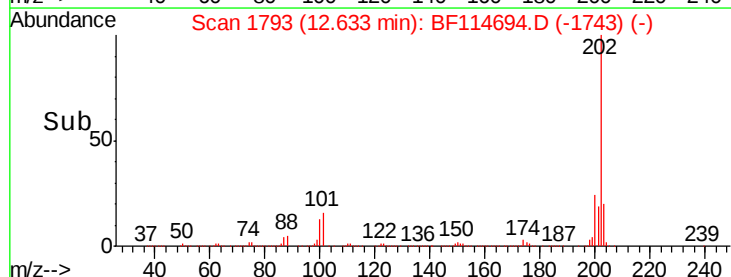
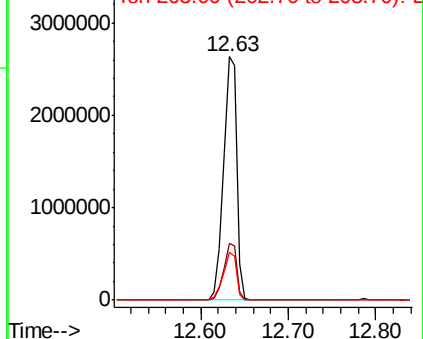
202 100

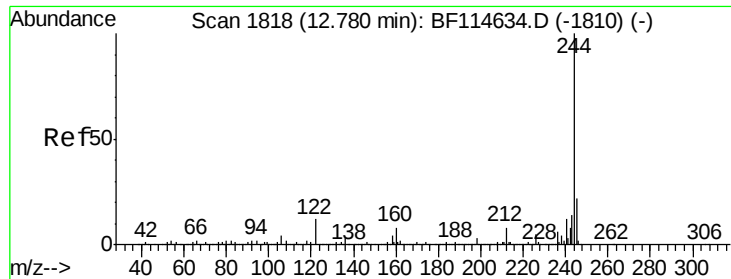
200 23.5 19.0 28.4

203 19.6 15.5 23.3



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





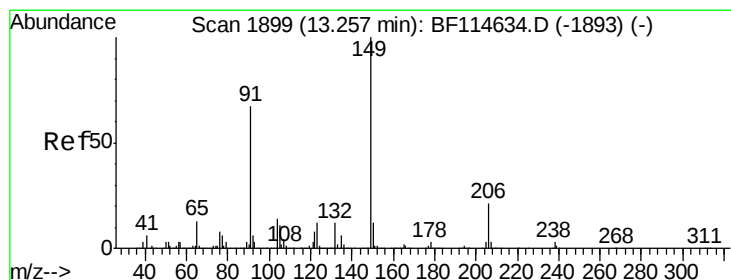
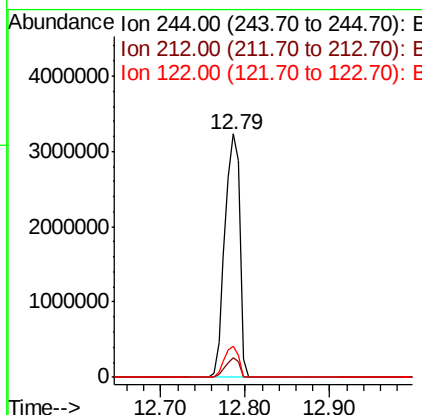
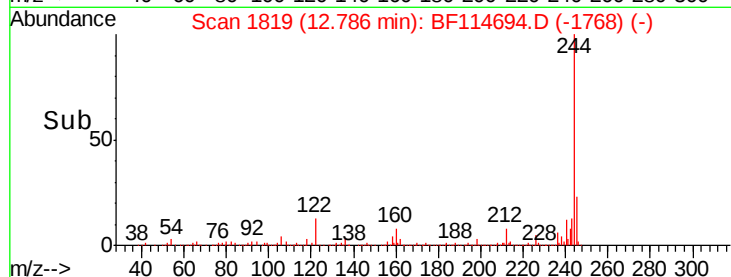
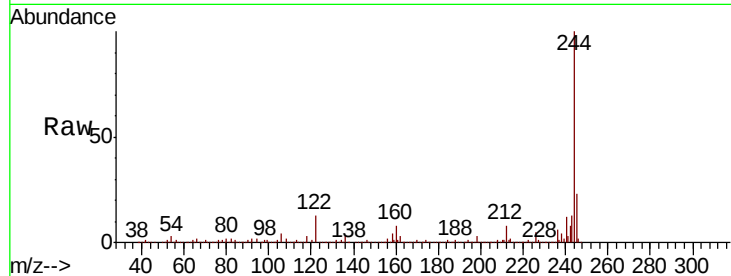
#79
 Terphenyl-d14
 Concen: 84.672 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BS

Tot Ion:244 Resp: 3947347
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 13.0 10.2 15.2

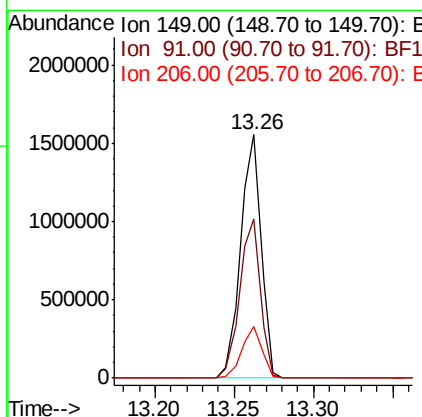
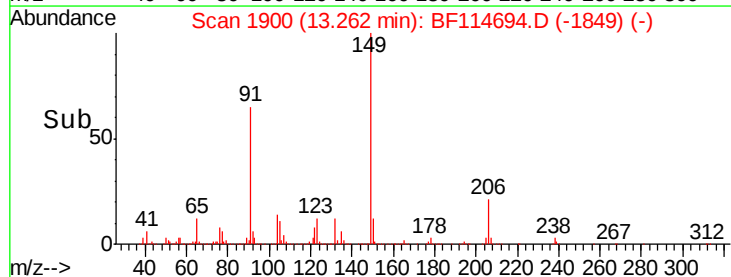
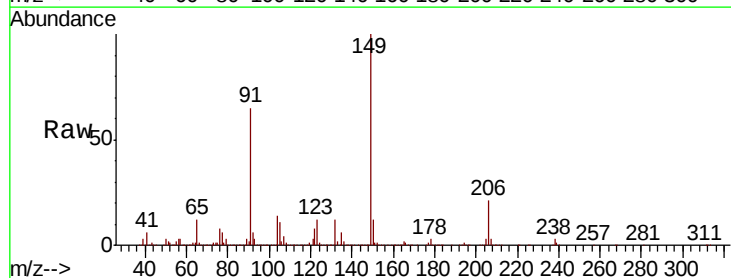
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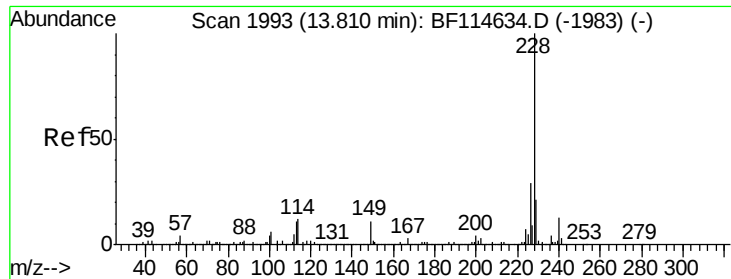
mohammad
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#80
 Butylbenzylphthalate
 Concen: 37.266 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:149 Resp: 1388650
 Ion Ratio Lower Upper
 149 100
 91 65.4 53.6 80.4
 206 21.3 17.1 25.7





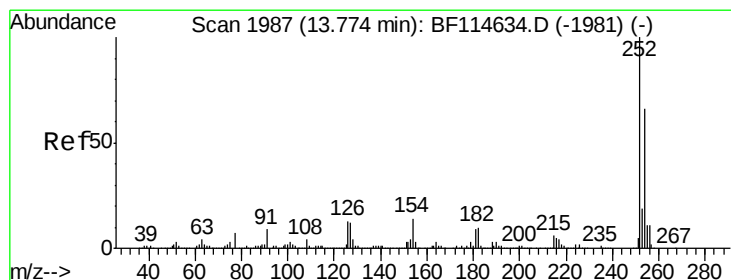
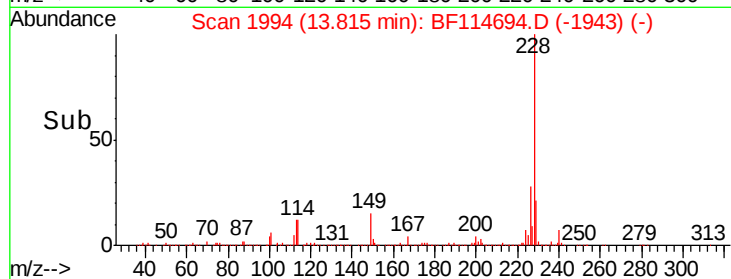
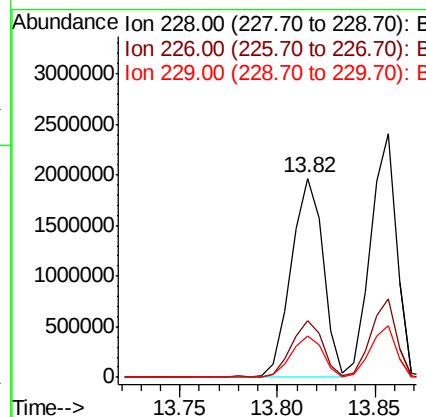
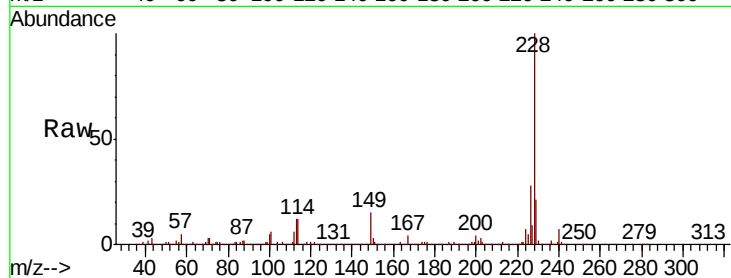
#81
Benzo(a)anthracene
Concen: 33.039 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	20.8	17.0	25.6

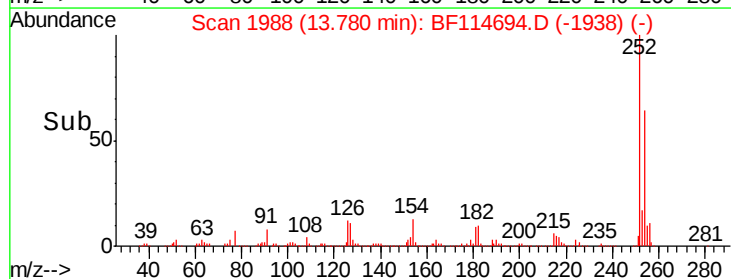
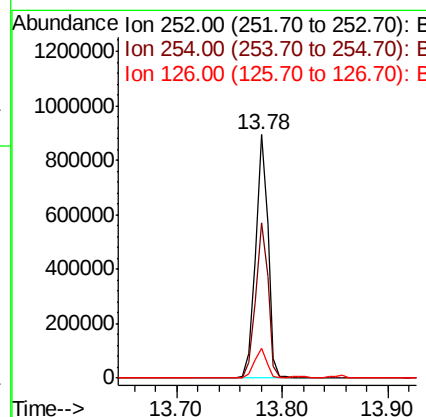
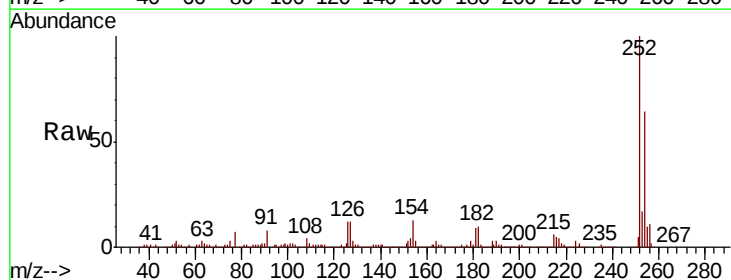
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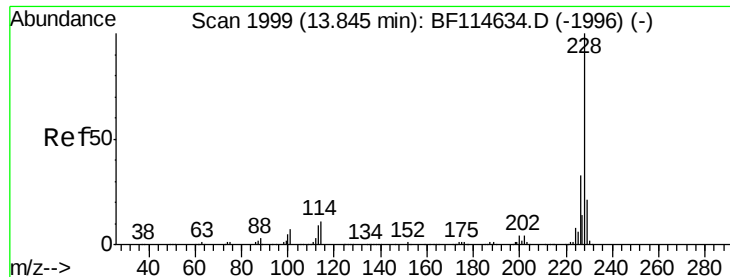
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#82
3,3'-Dichlorobenzidine
Concen: 28.308 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.7	77.5
126	12.0	8.2	12.2





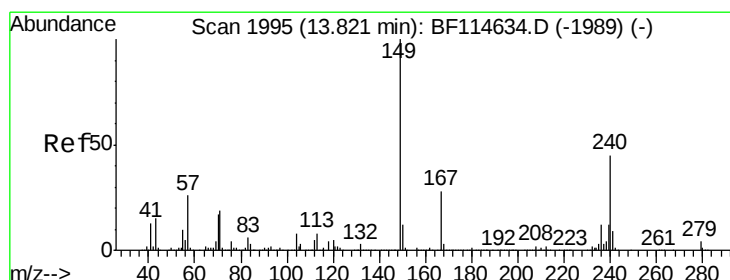
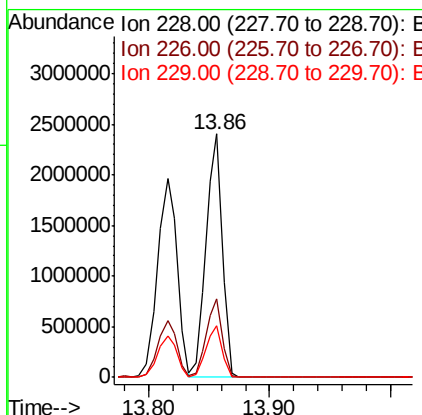
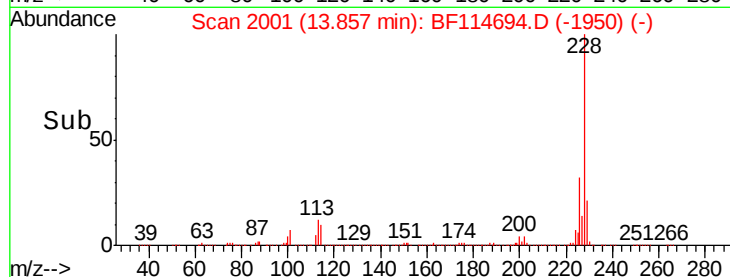
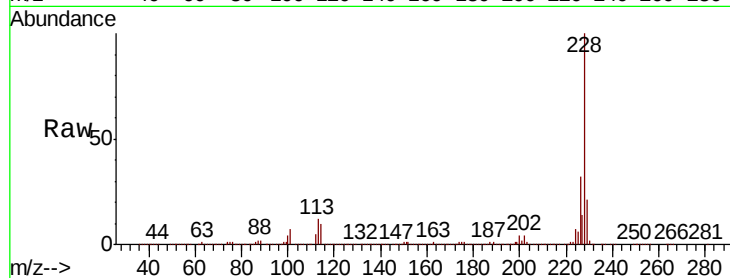
#83
Chrysene
Concen: 34.742 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion:228 Resp: 2235793
Ion Ratio Lower Upper
228 100
226 32.5 26.6 39.8
229 21.4 17.4 26.2

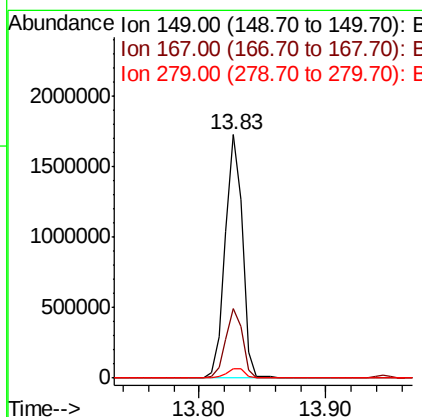
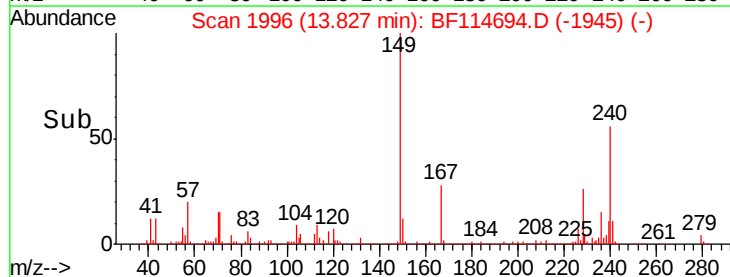
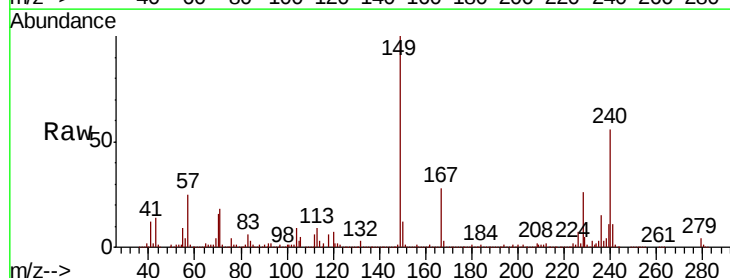
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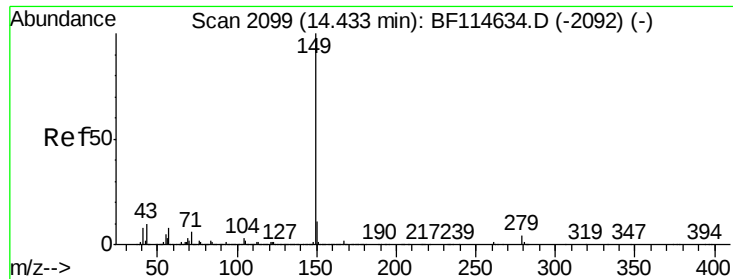
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.154 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:149 Resp: 1619488
Ion Ratio Lower Upper
149 100
167 28.5 22.9 34.3
279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 34.575 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

PB119779BS

Tot Ion:149 Resp: 2767407

Ion Ratio Lower Upper

149 100

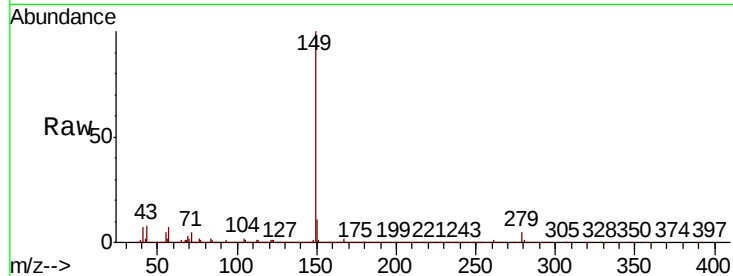
167 1.6 1.4 2.0

43 8.5 7.2 10.8

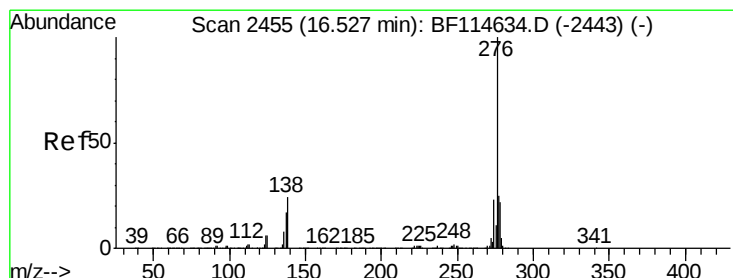
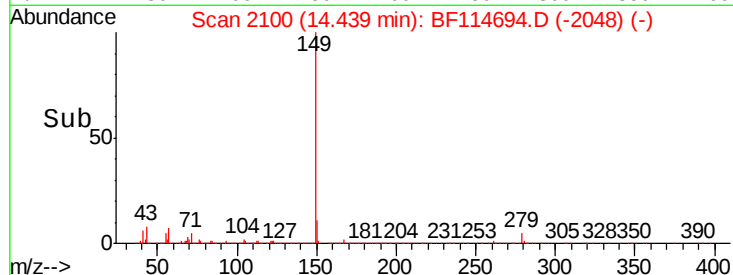
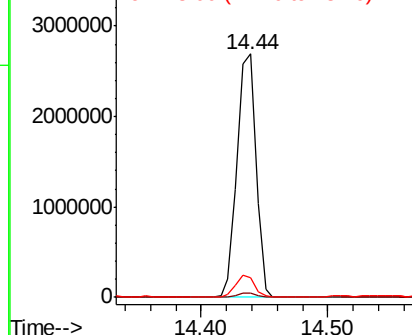
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.429 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

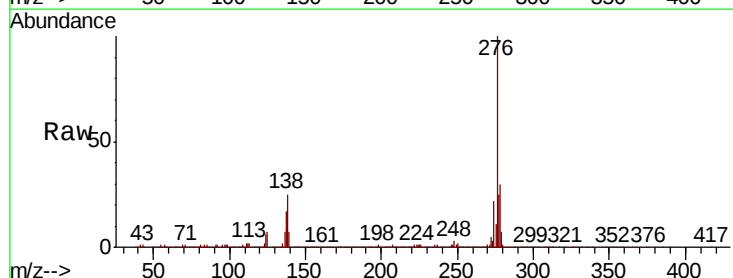
Tgt Ion:276 Resp: 1961302

Ion Ratio Lower Upper

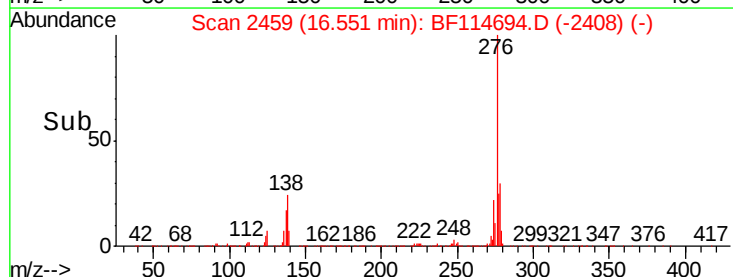
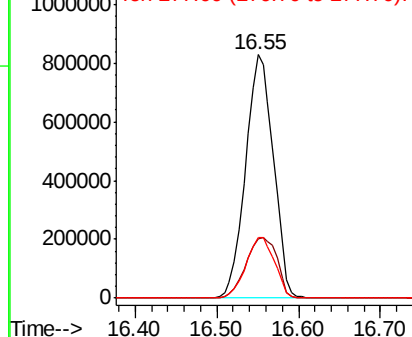
276 100

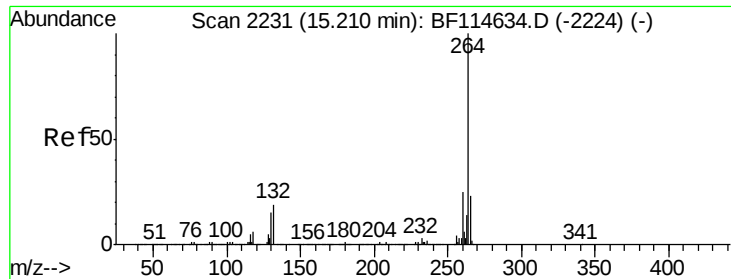
138 27.7 22.1 33.1

277 25.5 20.5 30.7



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: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

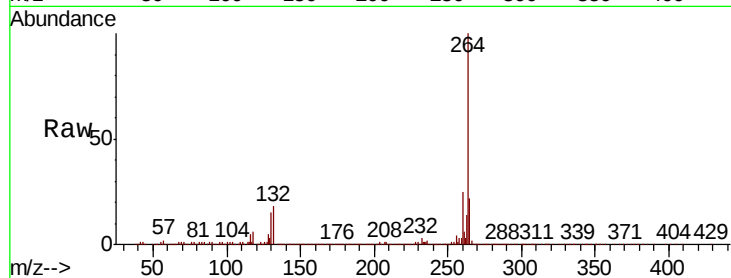
ClientSampleId :

PB119779BS

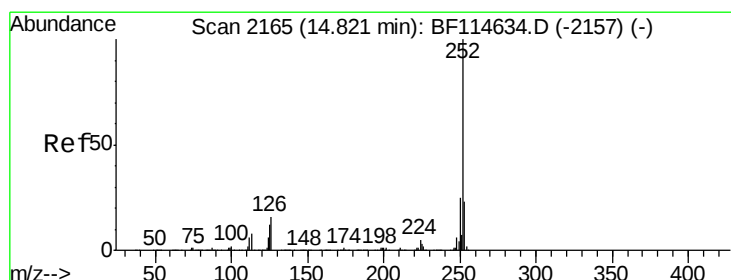
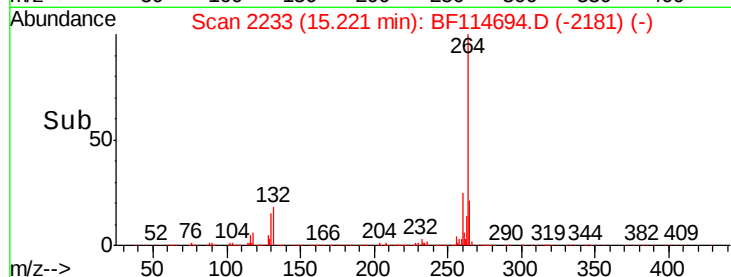
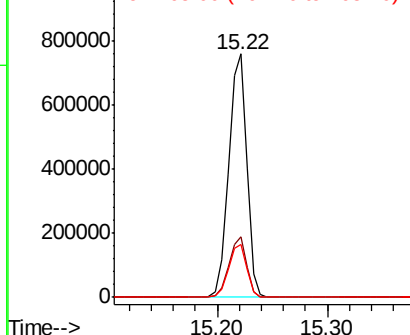
Tot Ion:	264	Resp:	868461
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.3	30.5
265	21.7	18.0	27.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.533 ng

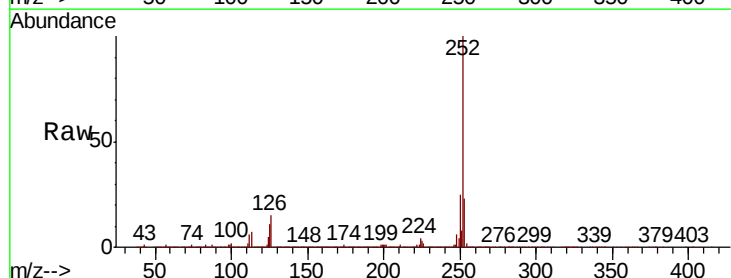
RT: 14.83 min Scan# 2167

Delta R.T. 0.01 min

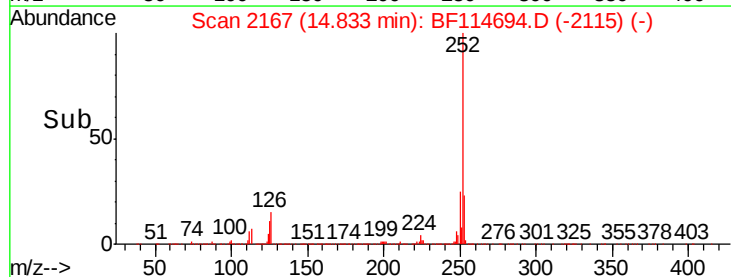
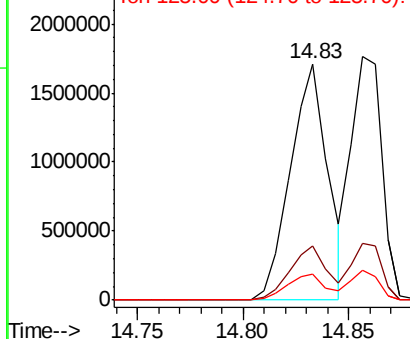
Lab File: BF114694.D

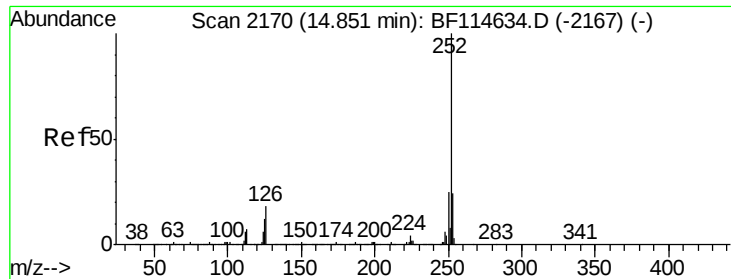
Acq: 31 May 2019 8:55

Tgt Ion:	252	Resp:	2107726
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.6	27.8
125	10.8	9.4	14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





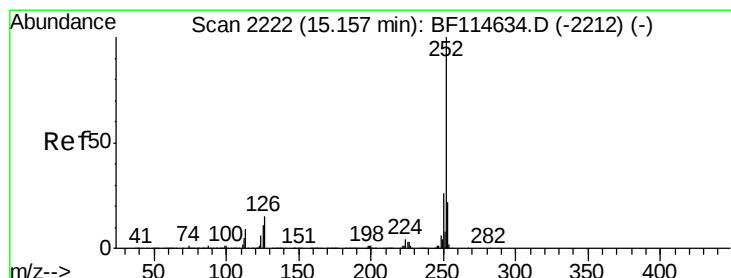
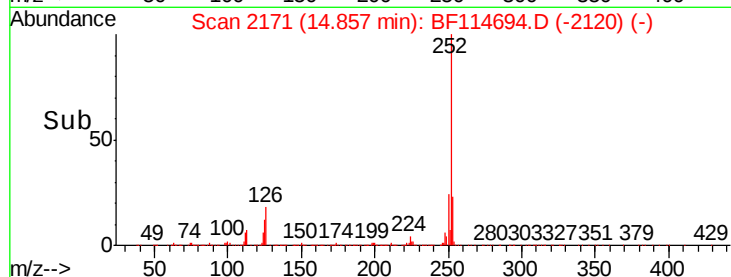
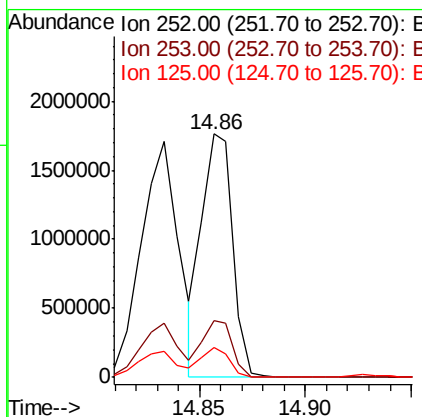
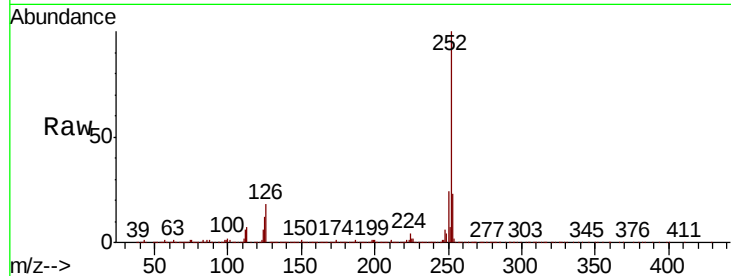
#89
Benzo(k)fluoranthene
Concen: 37.709 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.2	9.1	13.7

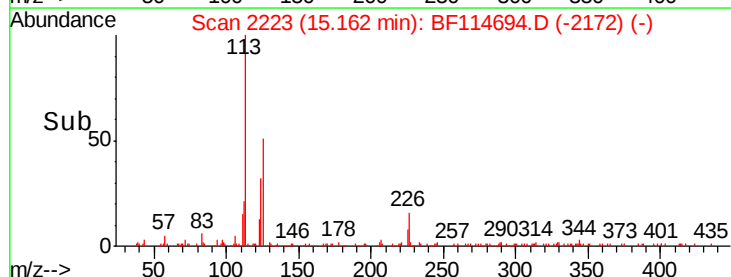
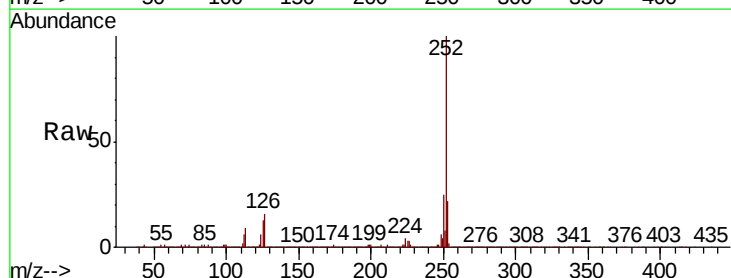
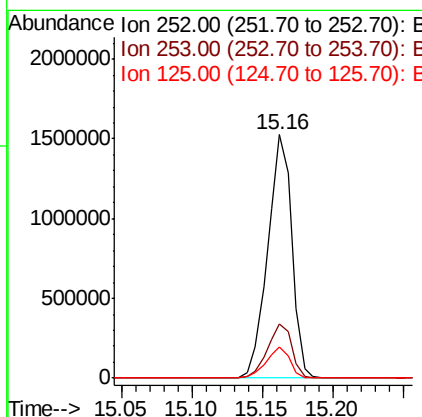
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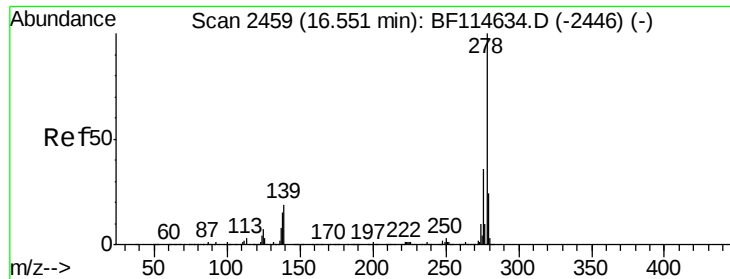
mohammad
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#90
Benzo(a)pyrene
Concen: 38.188 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.6	9.9	14.9





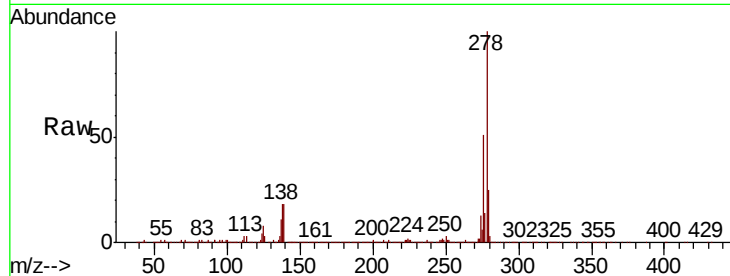
#91
Dibenzo(a,h)anthracene
Concen: 38.313 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampled :
PB119779BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.8	20.6
279	24.5	19.6	29.4

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mohammad
6/3/2019 8:49:14 AM

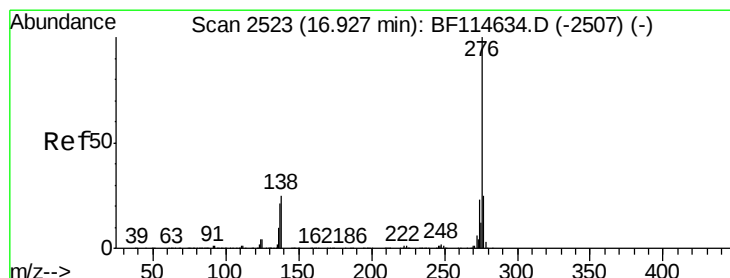
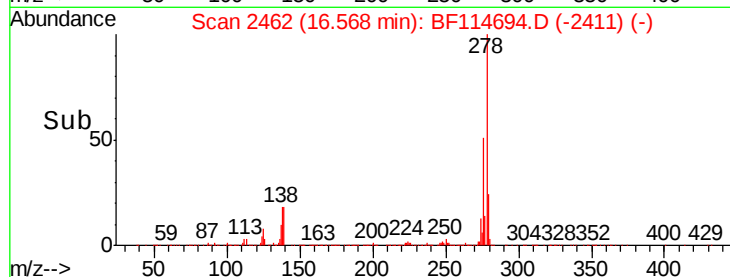
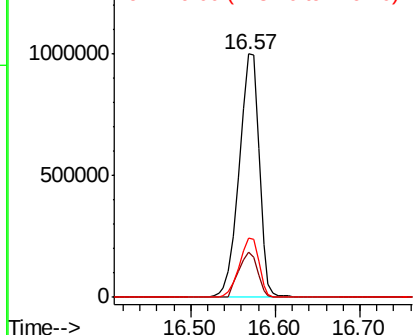


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.134 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	23.3	19.5	29.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

