

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116922.D
 Acq On : 10 Sep 2019 15:40
 Operator : HP/JU
 Sample : PB122853BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Manual Integrations
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mohammad
 9/16/2019 8:56:56 AM

Quant Time: Sep 10 18:01:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77931	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	344170	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	177544	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	298439	20.00	ng	0.00
76) Chrysene-d12	13.99	240	204881	20.00	ng	0.00
87) Perylene-d12	15.43	264	132403	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	508101	105.63	ng	0.01
7) Phenol-d6	6.47	99	654228	103.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	380597	63.13	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	150171	126.52	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	677677	64.39	ng	0.00
79) Terphenyl-d14	12.93	244	670643	60.55	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	73508	33.103 ng	96
3) Pyridine	3.40	79	170768	26.560 ng	89
4) n-Nitrosodimethylamine	3.34	42	74436	33.715 ng	89
6) Aniline	6.50	93	228083	26.071 ng	100
8) 2-Chlorophenol	6.62	128	224693	42.789 ng	95
9) Benzaldehyde	6.38	77	94893	22.803 ng	98
10) Phenol	6.49	94	287018	41.035 ng	94
11) bis(2-Chloroethyl)ether	6.57	93	207889	38.171 ng	98
12) 1,3-Dichlorobenzene	6.77	146	218826	36.871 ng	100
13) 1,4-Dichlorobenzene	6.85	146	227295	38.468 ng	99
14) 1,2-Dichlorobenzene	7.00	146	213107	38.918 ng	95
15) Benzyl Alcohol	6.97	79	200709	39.145 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	201427	31.523 ng	86
17) 2-Methylphenol	7.09	107	191422	41.641 ng	99
18) Hexachloroethane	7.35	117	87529	38.128 ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	159563	38.365 ng	92
20) 3+4-Methylphenols	7.24	107	234321	43.840 ng	# 75
22) Acetophenone	7.24	105	320143	38.637 ng	97
24) Nitrobenzene	7.42	77	249879	40.753 ng	95
25) Isophorone	7.65	82	447282	36.613 ng	99
26) 2-Nitrophenol	7.73	139	116213	50.979 ng	92
27) 2,4-Dimethylphenol	7.77	122	196927	42.774 ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	268625	35.982 ng	99
29) 2,4-Dichlorophenol	7.97	162	182809	41.318 ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	178448	37.185 ng	96
31) Naphthalene	8.14	128	625138	38.198 ng	99
32) Benzoic acid	7.90	122	126076	48.499 ng	98
33) 4-Chloroaniline	8.19	127	185587	24.912 ng	97
34) Hexachlorobutadiene	8.26	225	98505	37.646 ng	97
35) Caprolactam	8.55	113	59031m	35.651 ng	
36) 4-Chloro-3-methylphenol	8.67	107	211576	41.606 ng	97
37) 2-Methylnaphthalene	8.83	142	435432	39.989 ng	98
38) 1-Methylnaphthalene	8.93	142	406793	39.575 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	169199	39.755 ng	98

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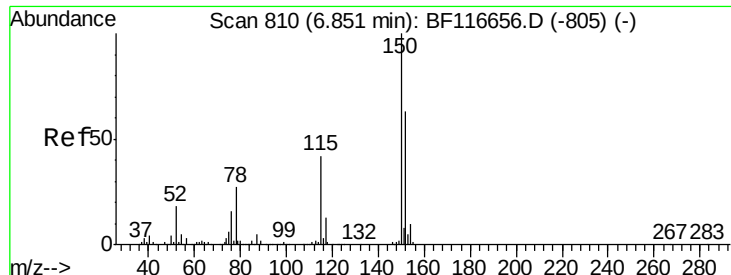
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 9/16/2019 8:56:56 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	129715	52.778	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	122175	41.876	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	134462	44.393	nq	95
46) 1,1'-Biphenyl	9.29	154	517298	38.397	nq	99
47) 2-Chloronaphthalene	9.32	162	399915	37.478	nq	99
48) 2-Nitroaniline	9.41	65	130291	42.235	nq	98
49) Acenaphthylene	9.73	152	634608	39.344	nq	99
50) Dimethylphthalate	9.59	163	468458	38.218	nq	98
51) 2,6-Dinitrotoluene	9.65	165	104840	44.829	nq	95
52) Acenaphthene	9.90	154	374810	37.819	nq	100
53) 3-Nitroaniline	9.82	138	90253	30.795	nq	94
54) 2,4-Dinitrophenol	9.93	184	90621	105.905	nq	97
55) Dibenzofuran	10.07	168	554297	39.674	nq	96
56) 4-Nitrophenol	9.99	139	177624	88.388	nq	86
57) 2,4-Dinitrotoluene	10.06	165	140983	49.301	nq	98
58) Fluorene	10.42	166	448043	42.087	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	102980	47.109	nq	96
60) Diethylphthalate	10.29	149	479688	39.068	nq	97
61) 4-Chlorophenyl-phenylether	10.40	204	192787	41.356	nq	89
62) 4-Nitroaniline	10.43	138	117302	41.242	nq	96
63) Azobenzene	10.57	77	496492	38.780	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	61663	54.844	nq	95
66) n-Nitrosodiphenylamine	10.53	169	391895	37.960	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	112917	37.245	nq	92
68) Hexachlorobenzene	10.97	284	117610	37.078	nq	97
69) Atrazine	11.05	200	103943	35.948	nq	99
70) Pentachlorophenol	11.16	266	136723	89.103	nq	99
71) Phenanthrene	11.38	178	630595	37.958	nq	99
72) Anthracene	11.43	178	649986	38.867	nq	99
73) Carbazole	11.58	167	616924	38.727	nq	99
74) Di-n-butylphthalate	11.91	149	761854	37.306	nq	100
75) Fluoranthene	12.56	202	637855	39.069	nq	99
77) Benzidine	12.68	184	109594	13.638	nq	99
78) Pyrene	12.79	202	650703	35.728	nq	99
80) Butylbenzylphthalate	13.40	149	306918	34.654	nq	94
81) Benzo(a)anthracene	13.97	228	494294	38.120	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	138345	31.571	nq	97
83) Chrysene	14.02	228	476320	35.655	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	413052	37.781	nq	99
85) Di-n-octyl phthalate	14.57	149	649105	36.280	nq	# 94
86) Indeno(1,2,3-cd)pyrene	16.89	276	347035	32.342	nq	97
88) Benzo(b)fluoranthene	15.02	252	383843	47.951	nq	98
89) Benzo(k)fluoranthene	15.04	252	373627	51.191	nq	98
90) Benzo(a)pyrene	15.37	252	348682	50.067	nq	97
91) Dibenzo(a,h)anthracene	16.89	278	288226	47.282	nq	97
92) Benzo(g,h,i)perylene	17.32	276	290865	46.785	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

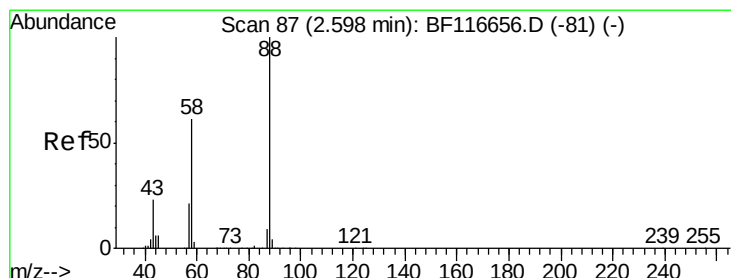
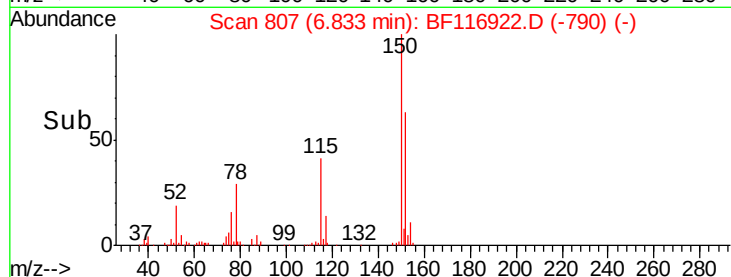
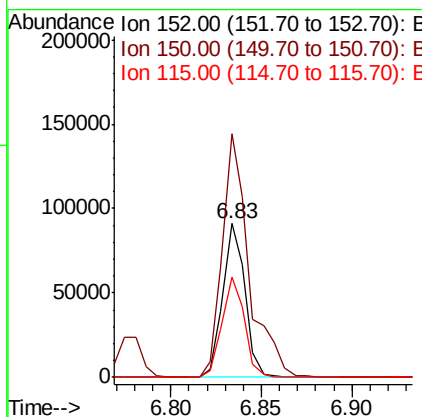
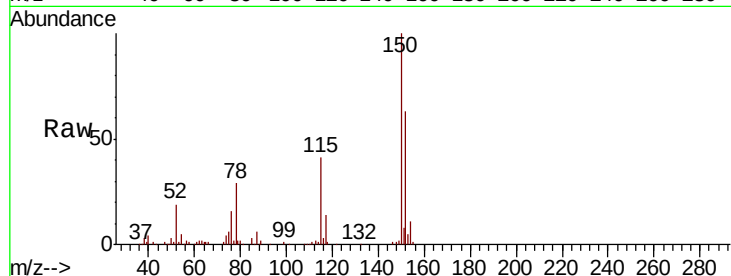
ClientSampleId :

PB122853BSD

Tot Ion:	152	Resp:	77931
Ion Ratio	Lower	Upper	
152	100		
150	158.4	124.4	186.6
115	65.3	49.9	74.9

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#2

1,4-Dioxane

Concen: 33.103 ng

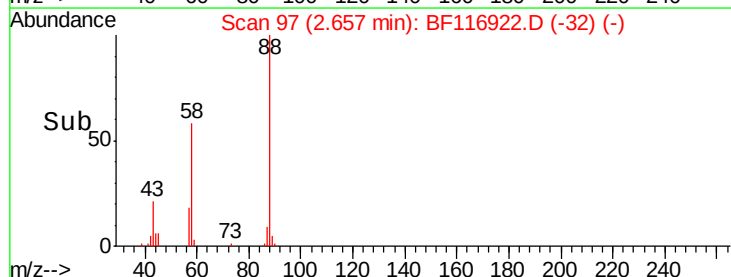
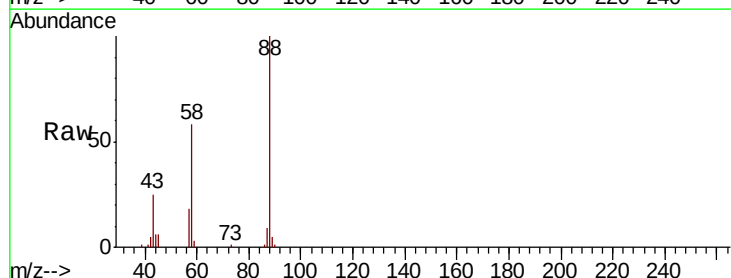
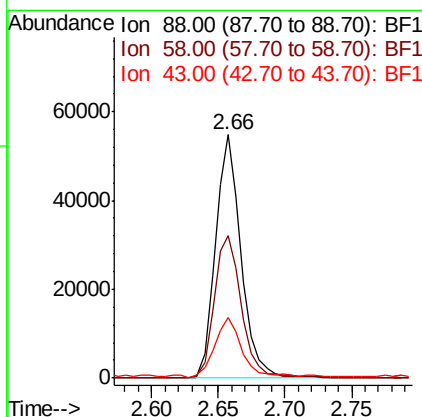
RT: 2.66 min Scan# 97

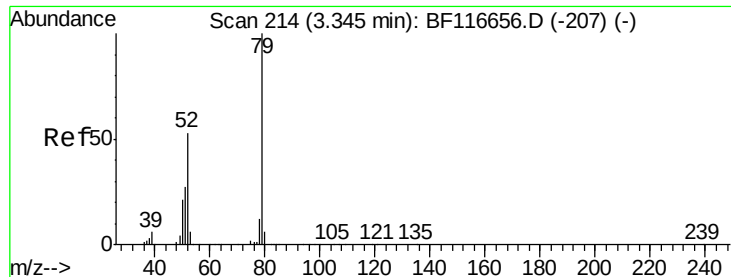
Delta R.T. 0.08 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	88	Resp:	73508
Ion Ratio	Lower	Upper	
88	100		
58	62.2	51.7	77.5
43	27.3	19.8	29.8





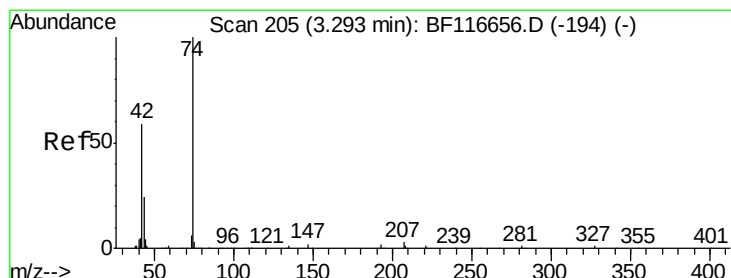
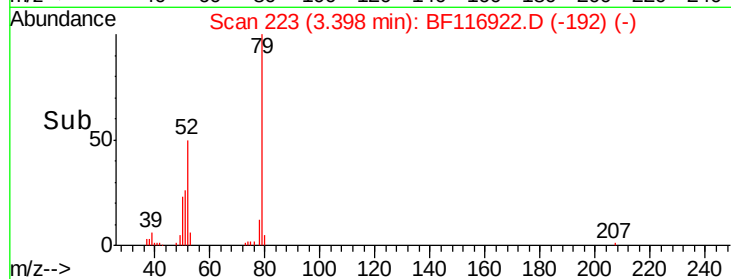
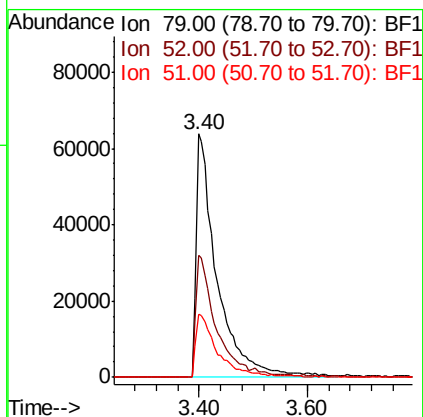
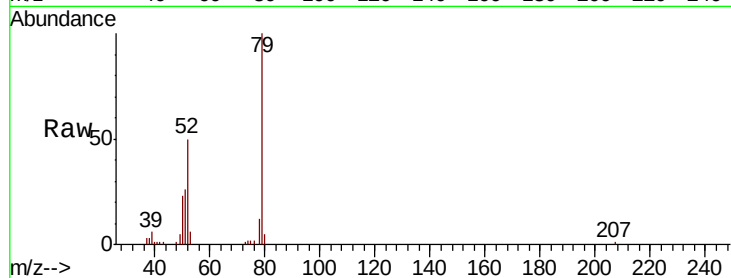
#3
 Pvridine
 Concen: 26.560 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	50.0	47.4	71.0
51	26.2	24.1	36.1

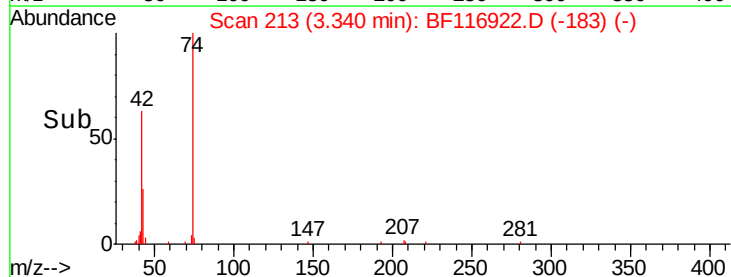
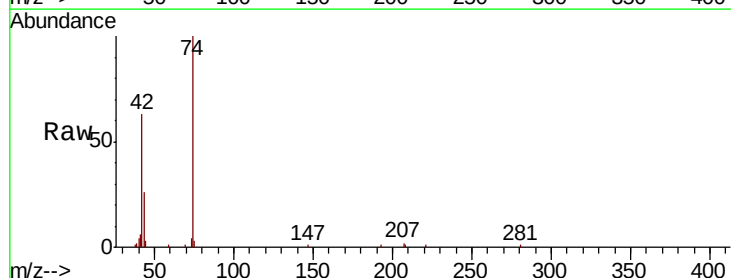
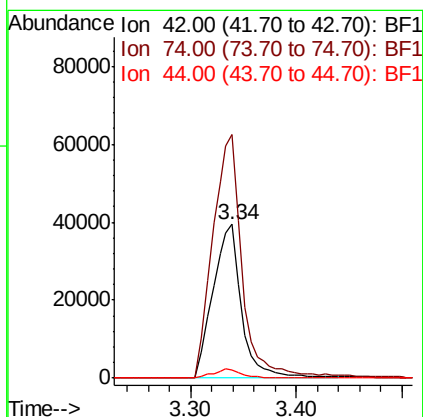
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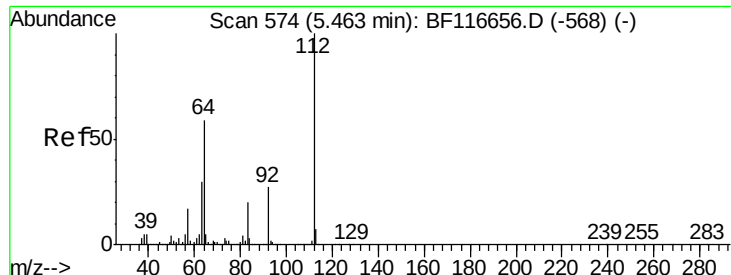
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 9/16/2019 8:56:56 AM



#4
 n-Nitrosodimethylamine
 Concen: 33.715 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.08 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.4	115.6	173.4
44	5.4	4.6	7.0





#5

2-Fluorophenol

Concen: 105.626 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

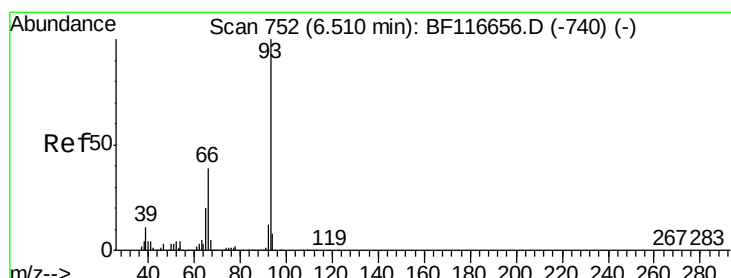
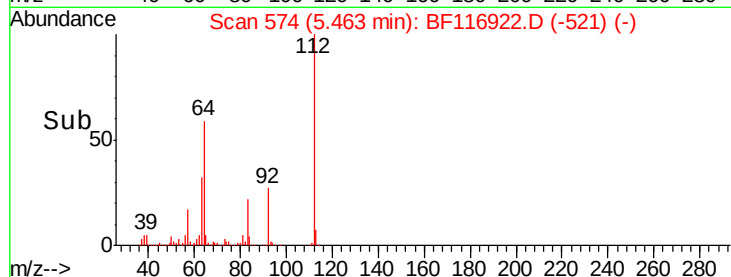
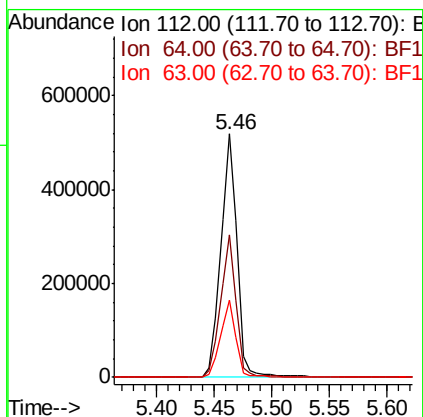
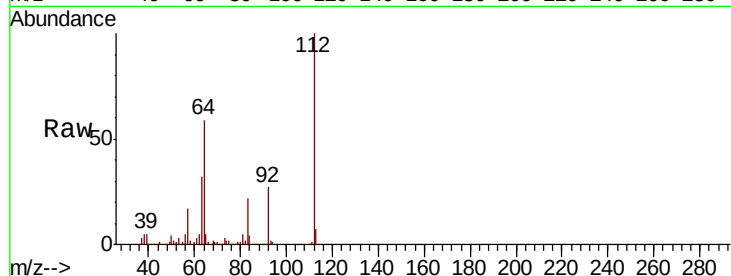
ClientSampleId :

PB122853BSD

Tot Ion:	112	Resp:	508101
Ion Ratio	Lower	Upper	
112	100		
64	58.6	47.1	70.7
63	31.7	24.9	37.3

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#6

Aniline

Concen: 26.071 ng

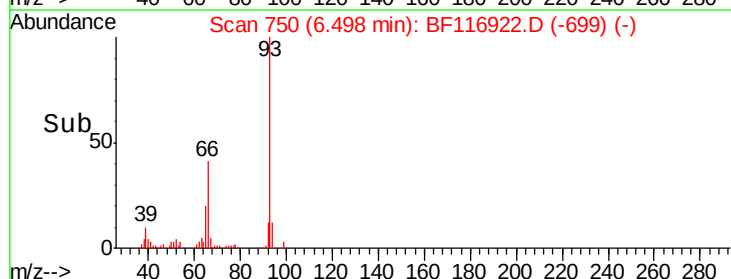
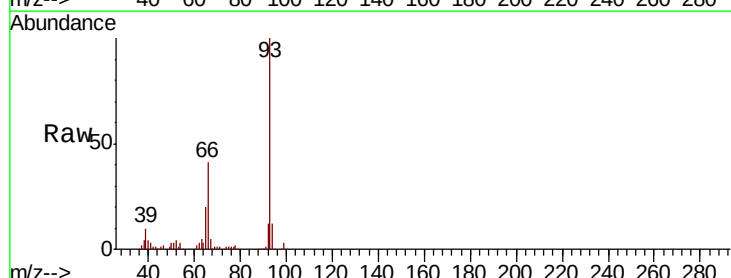
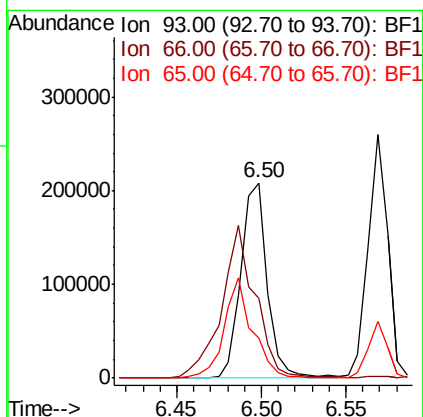
RT: 6.50 min Scan# 750

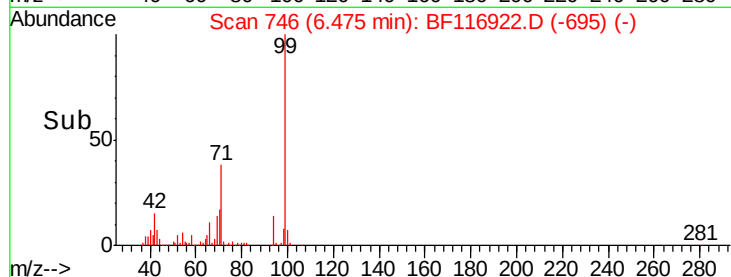
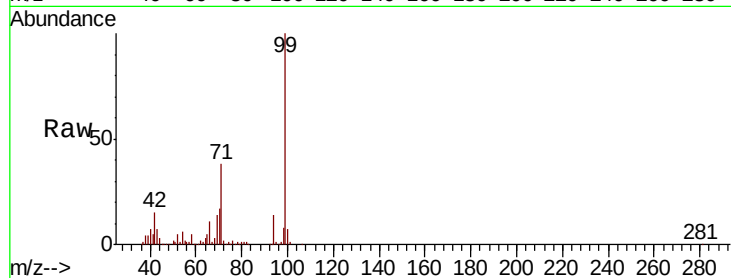
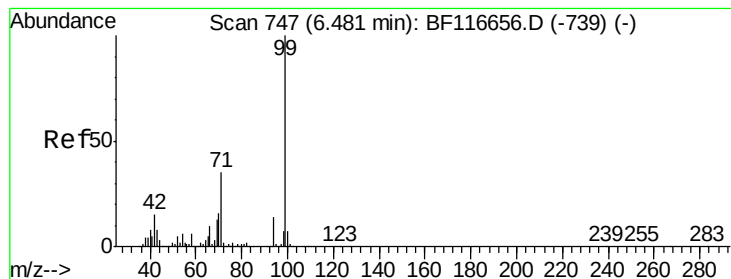
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	93	Resp:	228083
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.7	49.1
65	20.4	16.3	24.5





#7

Phenol-d6

Concen: 103.573 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tot Ion:	99	Resp:	654228
Ion Ratio	Lower	Upper	
99	100		
42	15.0	13.7	20.5
71	37.7	30.8	46.2

Instrument :

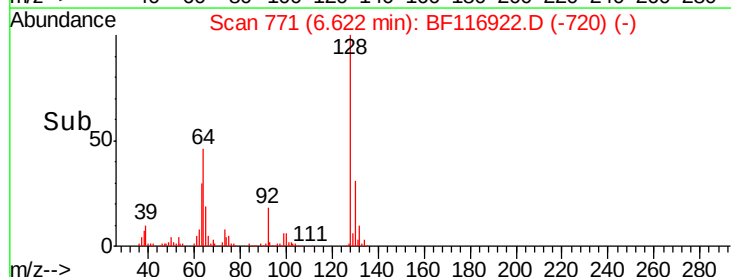
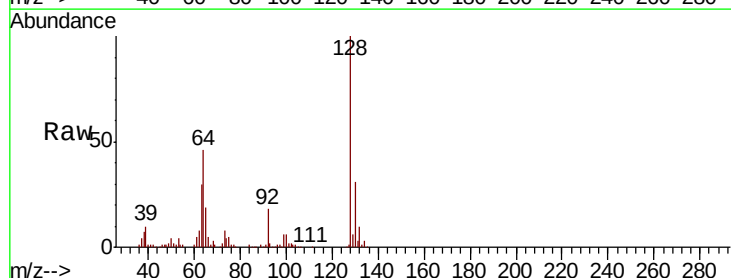
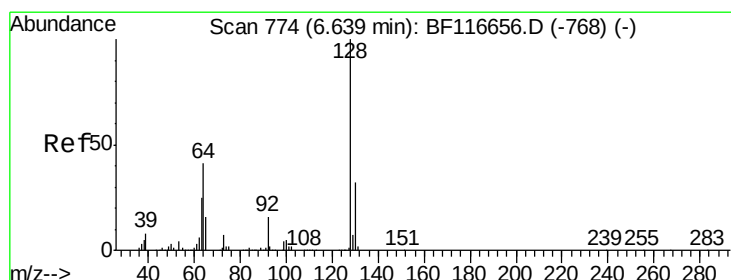
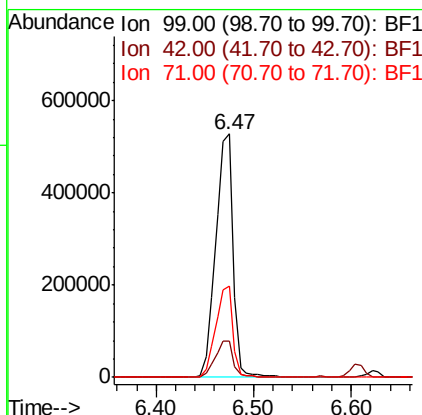
BNA_F

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#8

2-Chlorophenol

Concen: 42.789 ng

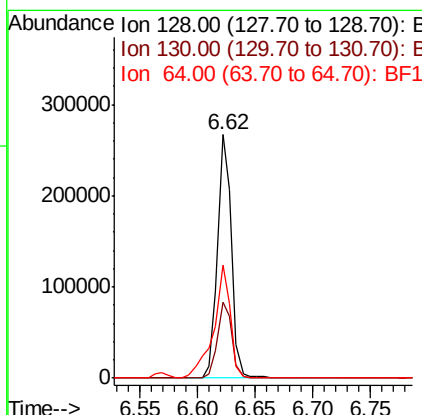
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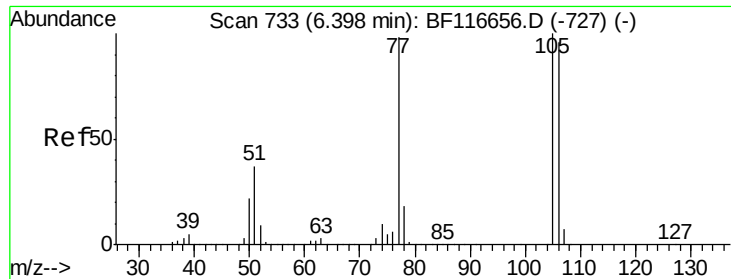
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	128	Resp:	224693
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.3	52.3
64	46.4	22.5	62.5





#9

Benzaldehyde

Concen: 22.803 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

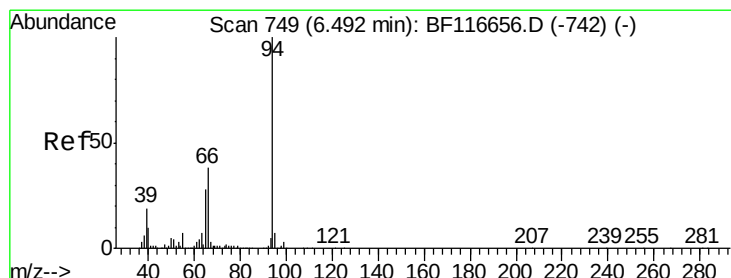
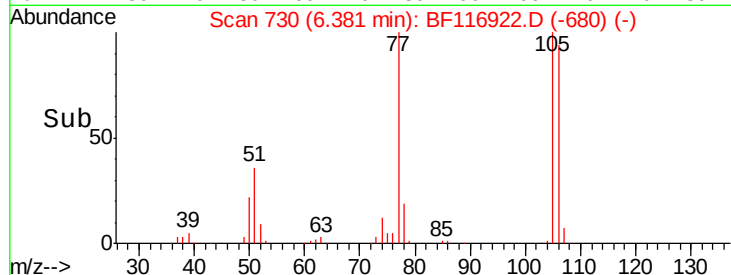
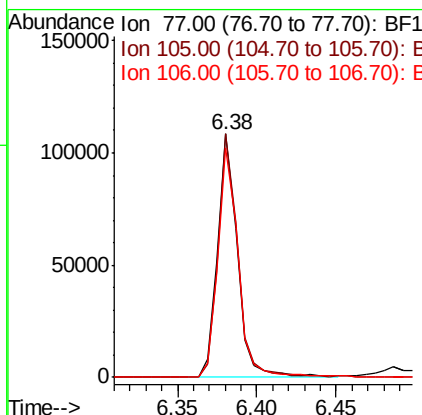
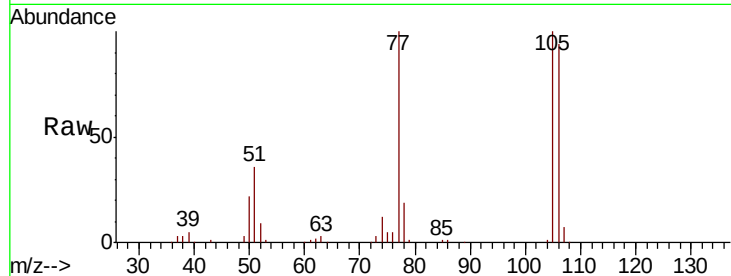
ClientSampleId :

PB122853BSD

Tot Ion:	77	Resp:	94893
Ion	Ratio	Lower	Upper
77	100		
105	100.0	76.7	116.7
106	94.4	73.1	113.1

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#10

Phenol

Concen: 41.035 ng

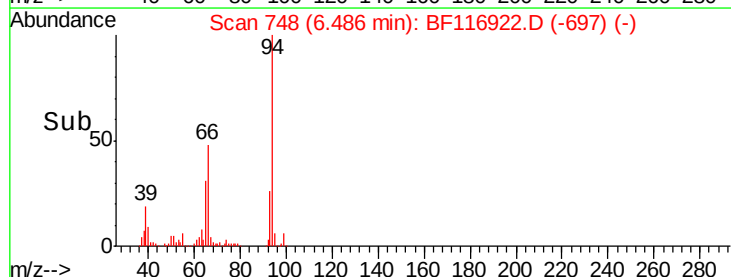
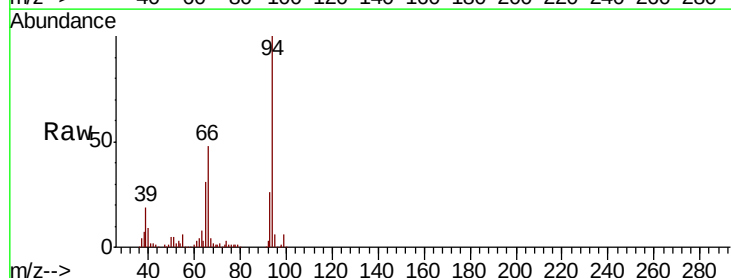
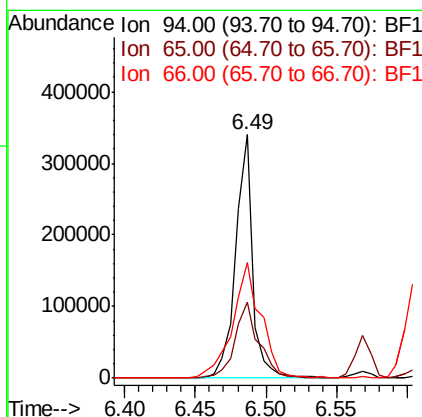
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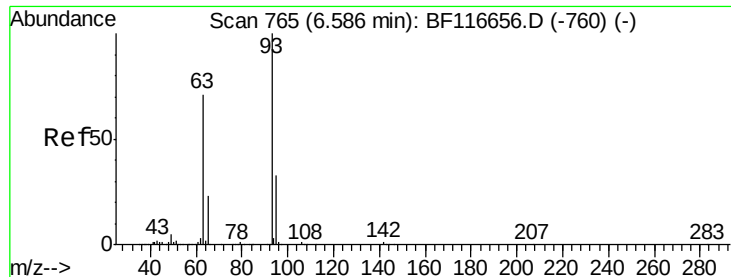
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	94	Resp:	287018
Ion	Ratio	Lower	Upper
94	100		
65	31.4	10.8	50.8
66	47.7	21.1	61.1





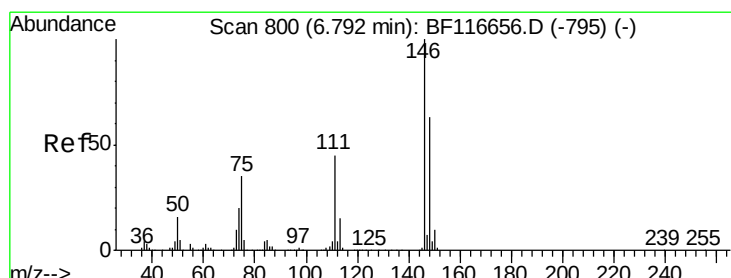
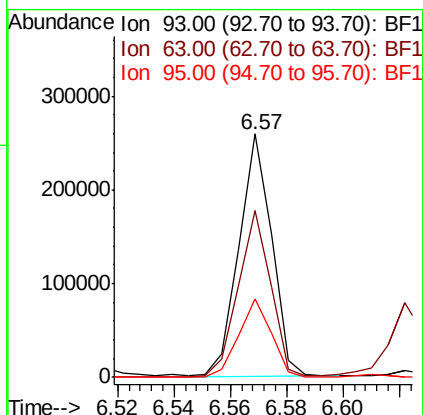
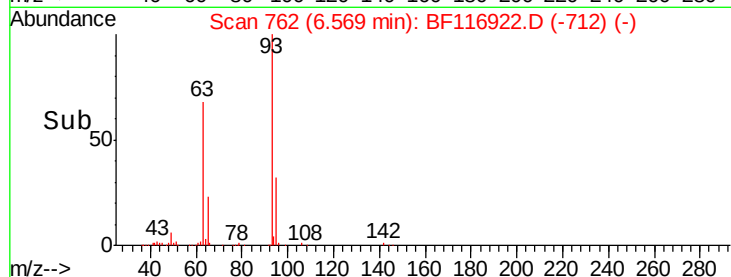
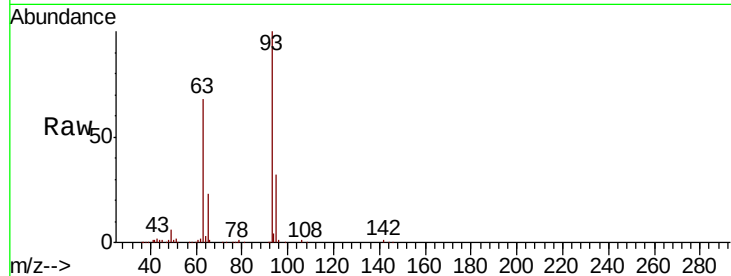
#11
bis(2-Chloroethyl)ether
Concen: 38.171 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.4	49.9	89.9
95	32.0	12.7	52.7

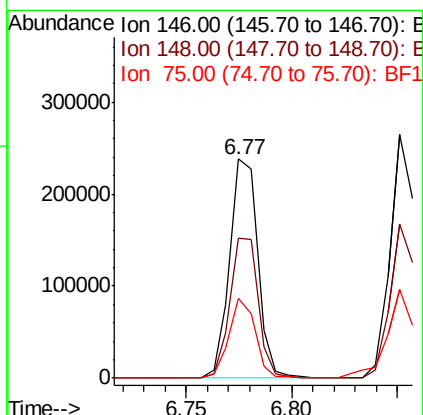
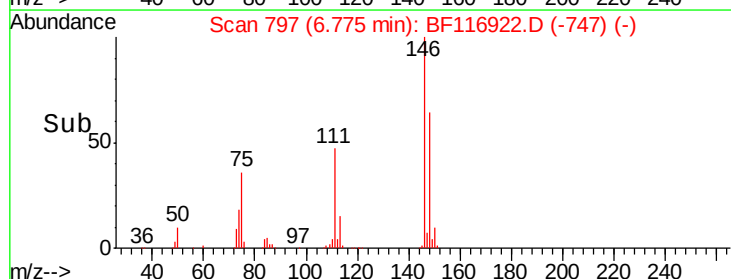
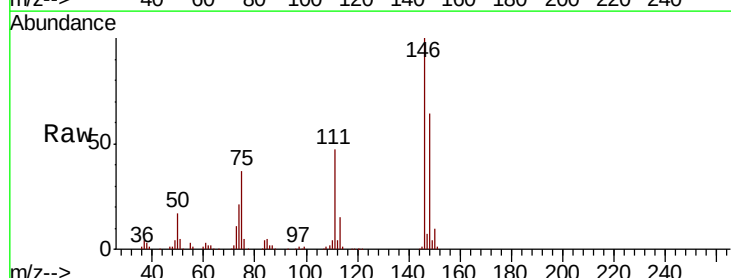
Manual Integrations
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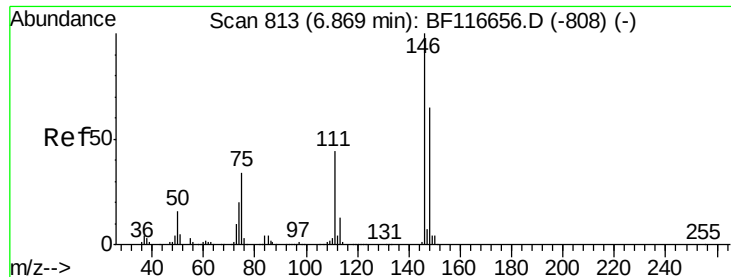
mohammad
9/16/2019 8:56:56 AM



#12
1,3-Dichlorobenzene
Concen: 36.871 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	36.7	29.6	44.4





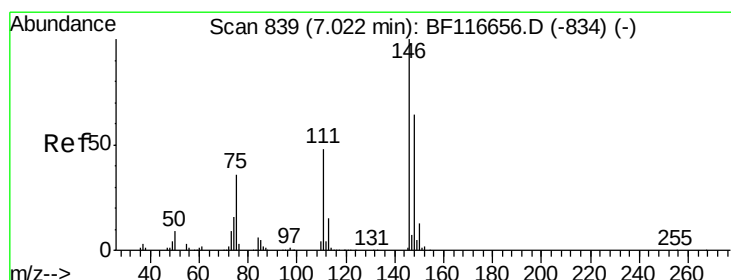
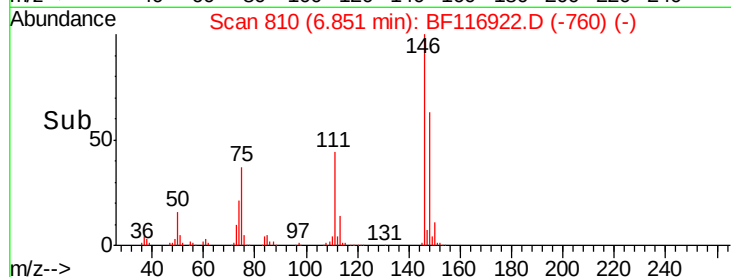
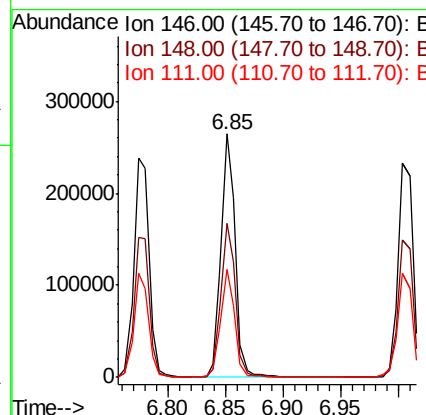
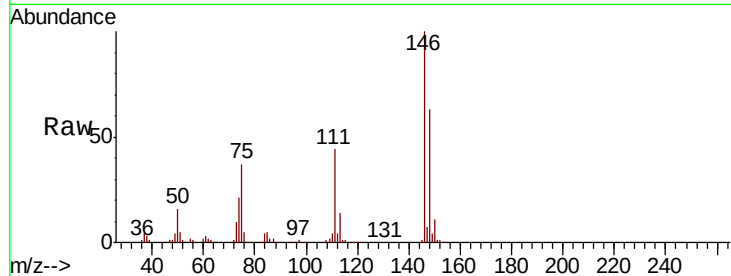
#13
1,4-Dichlorobenzene
Concen: 38.468 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	44.5	34.8	52.2

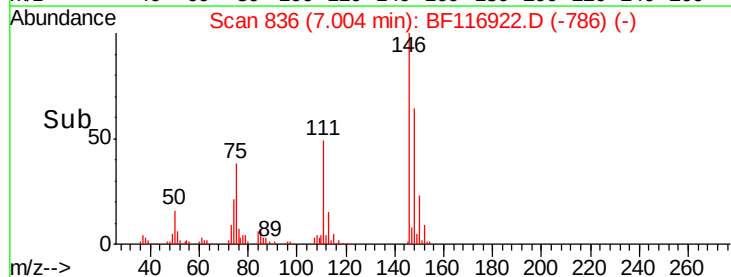
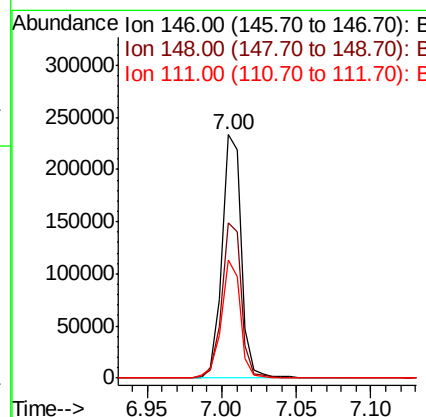
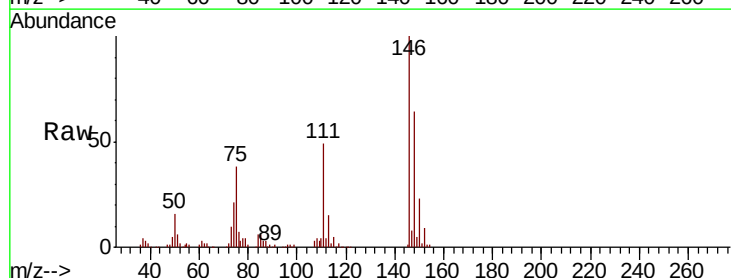
Manual Integrations
APPROVED

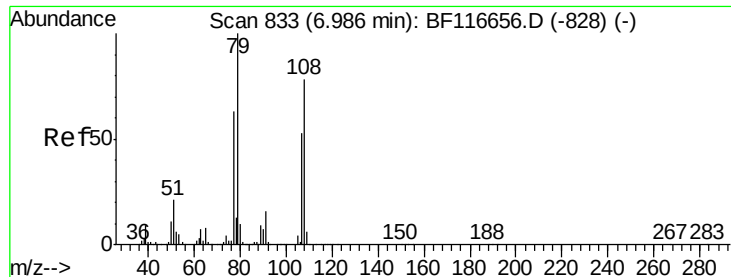
mohammad
9/16/2019 8:56:56 AM



#14
1,2-Dichlorobenzene
Concen: 38.918 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	48.5	34.2	51.4





#15

Benzyl Alcohol

Concen: 39.145 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

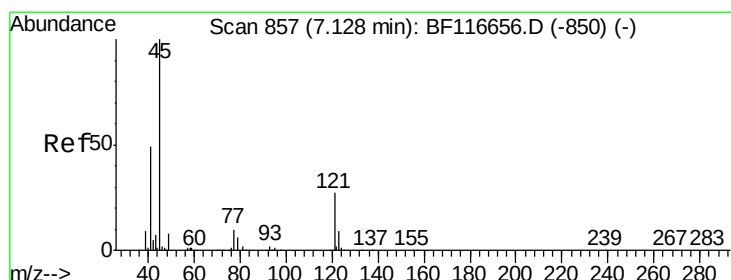
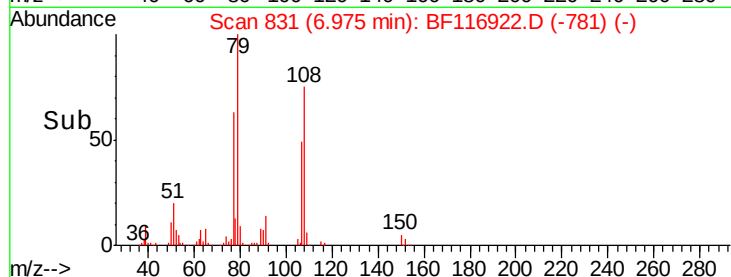
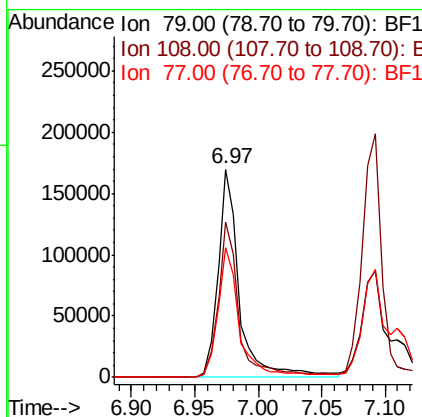
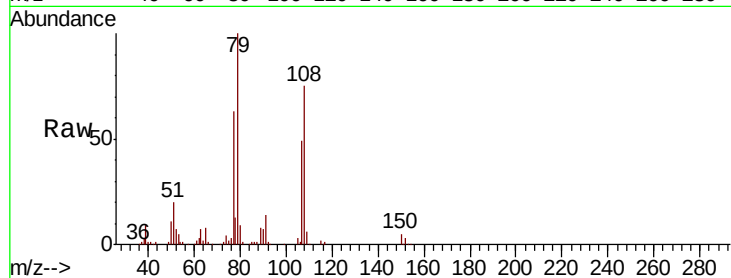
ClientSampleId :

PB122853BSD

Tot Ion:	79	Resp:	200709
Ion Ratio	Lower	Upper	
79	100		
108	74.9	59.2	88.8
77	62.6	53.0	79.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.523 ng

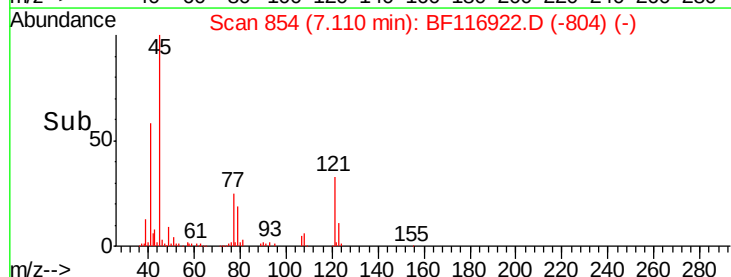
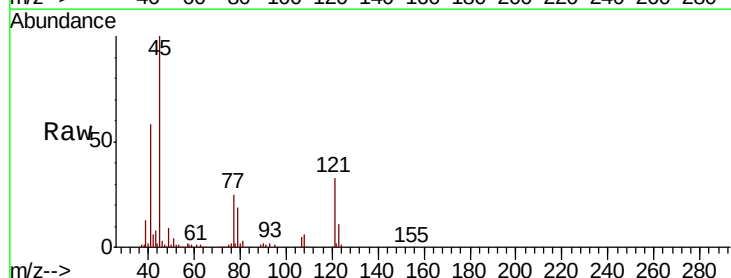
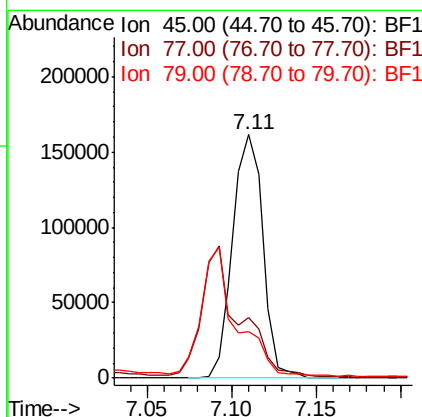
RT: 7.11 min Scan# 854

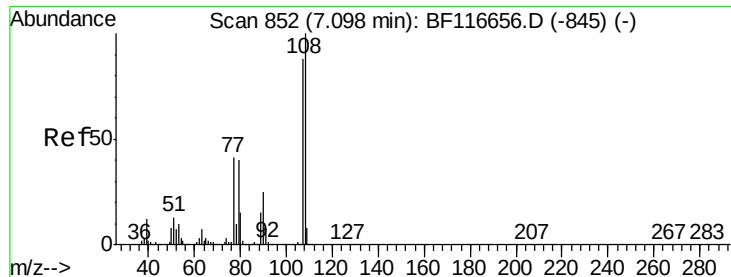
Delta R.T. -0.01 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	45	Resp:	201427
Ion Ratio	Lower	Upper	
45	100		
77	24.7	0.0	38.2
79	19.0	0.0	33.9





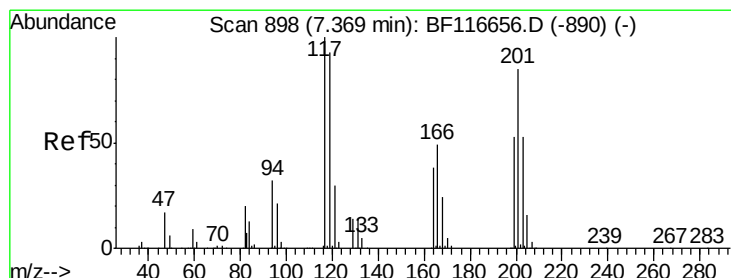
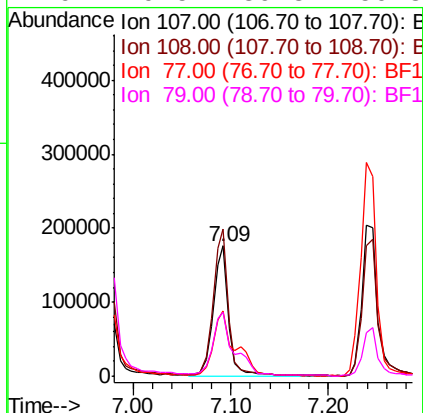
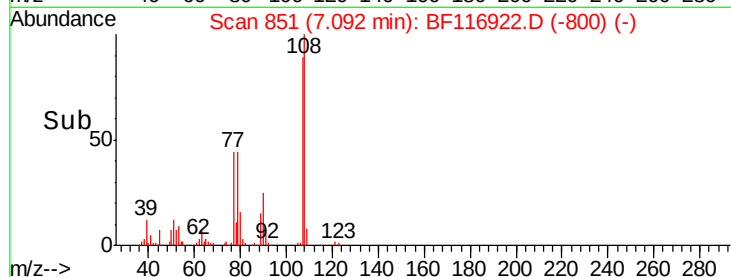
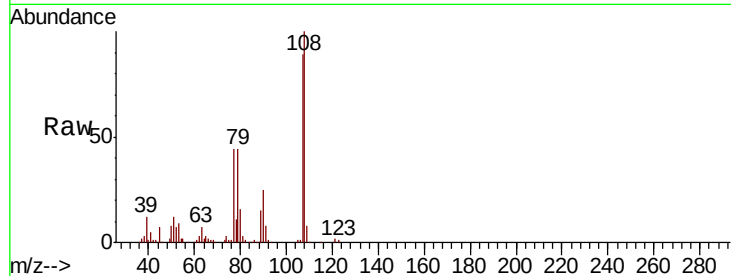
#17
2-Methylphenol
Concen: 41.641 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	88.3	132.5	
77	49.8	39.9	59.9	
79	49.5	39.8	59.8	

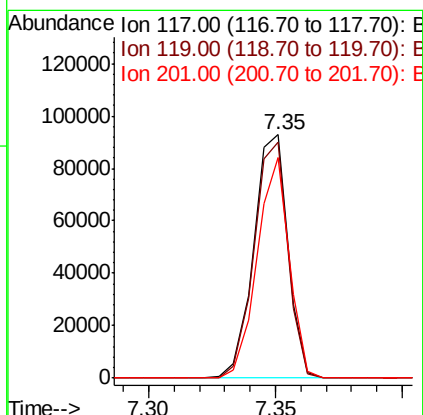
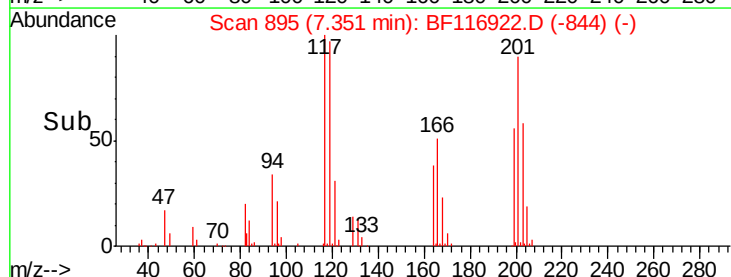
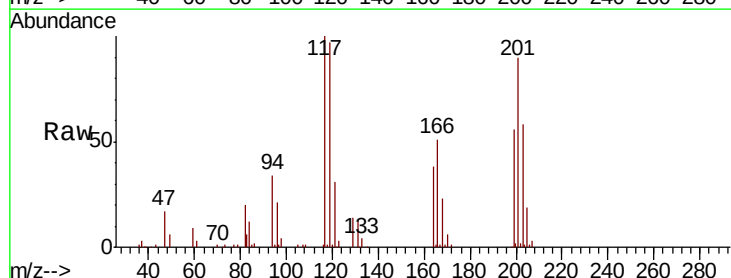
Manual Integrations
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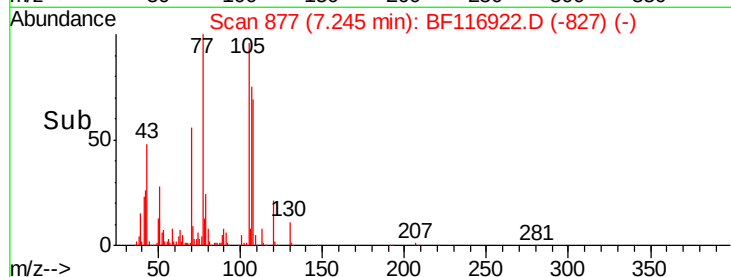
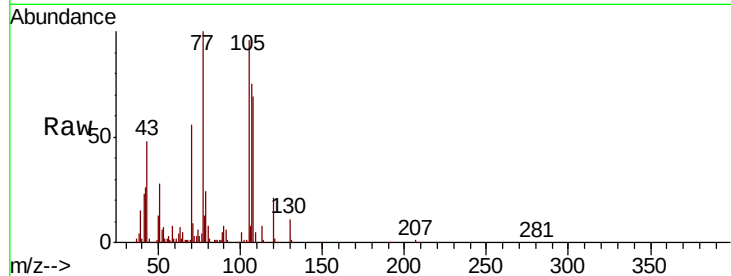
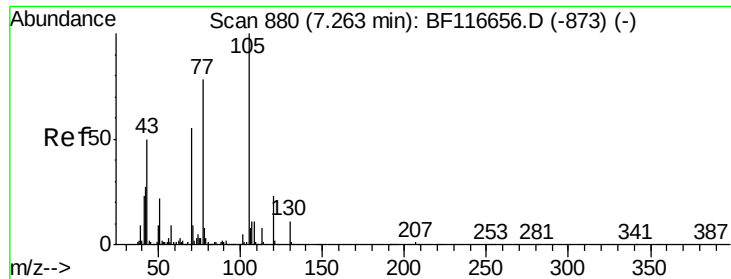
mohammad
9/16/2019 8:56:56 AM



#18
Hexachloroethane
Concen: 38.128 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.9	115.3	
201	90.5	79.4	119.0	





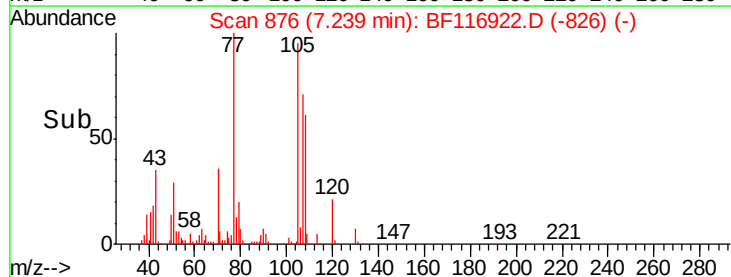
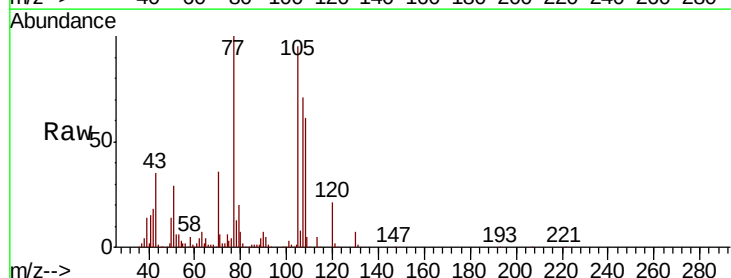
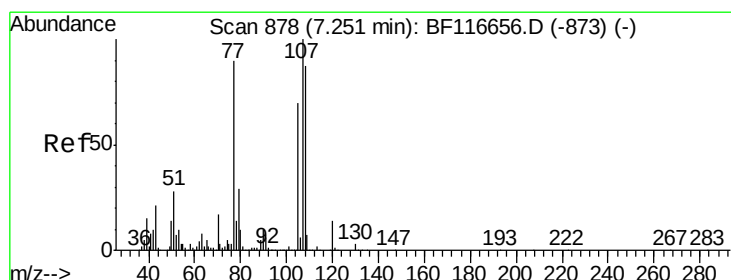
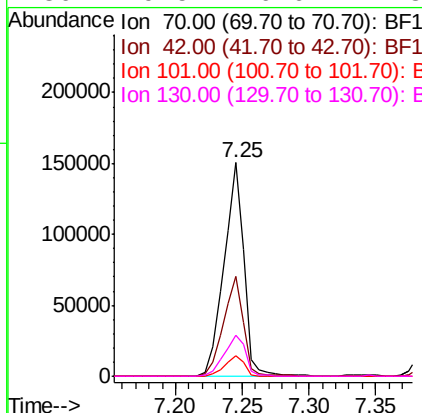
#19
n-Nitroso-di-n-propylamine
Concen: 38.365 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		159563		
42	46.5	43.5	65.3		
101	9.6	7.8	11.6		
130	19.5	16.6	24.8		

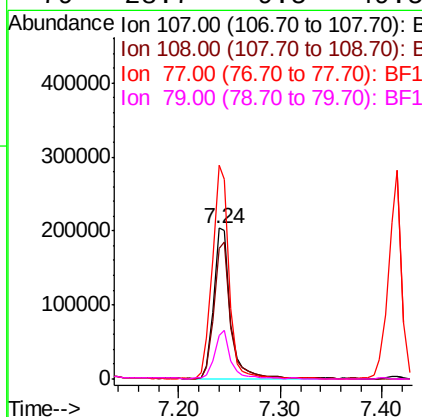
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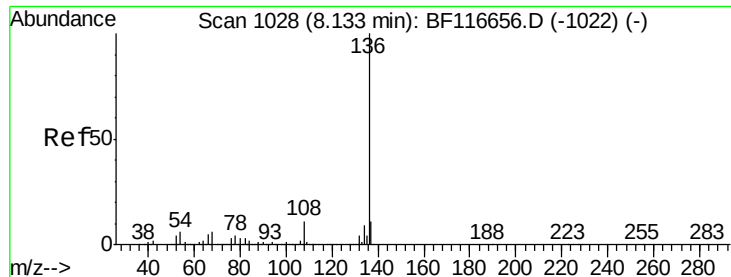
mohammad
9/16/2019 8:56:56 AM



#20
3+4-Methylphenols
Concen: 43.840 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		234321		
108	86.9	65.5	105.5		
77	141.6	69.4	109.4		
79	28.7	9.5	49.5		





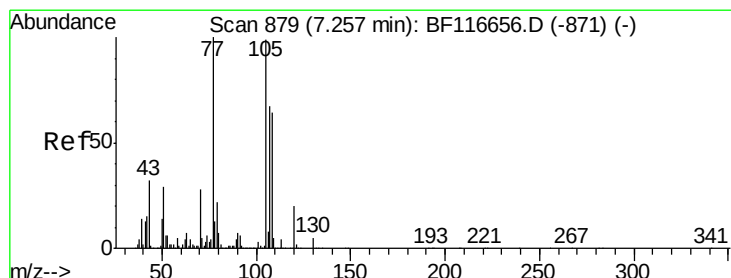
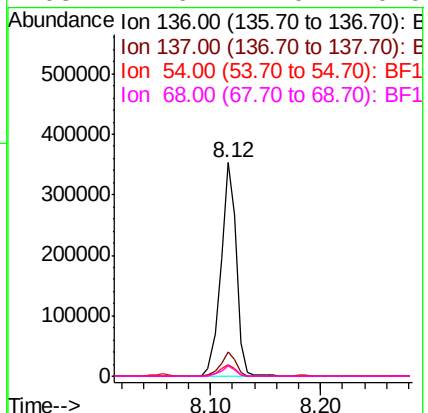
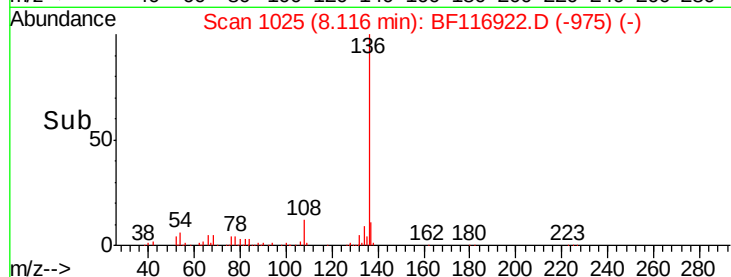
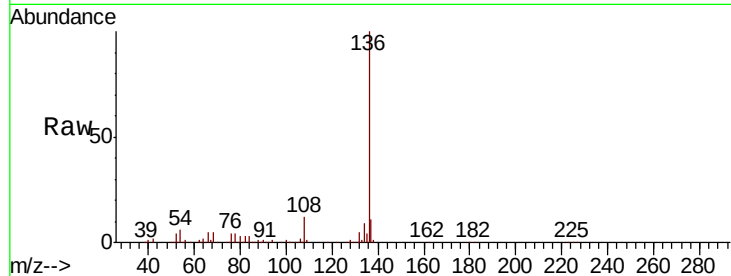
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	344170		
137	11.3	8.9	13.3	
54	5.6	4.8	7.2	
68	4.6	4.0	6.0	

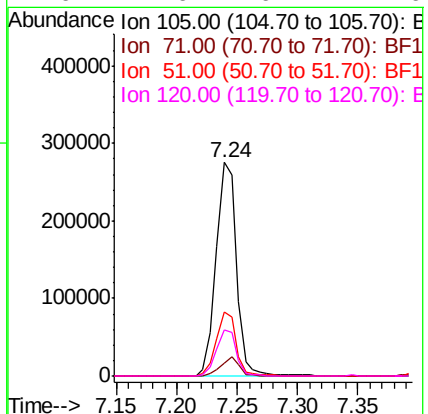
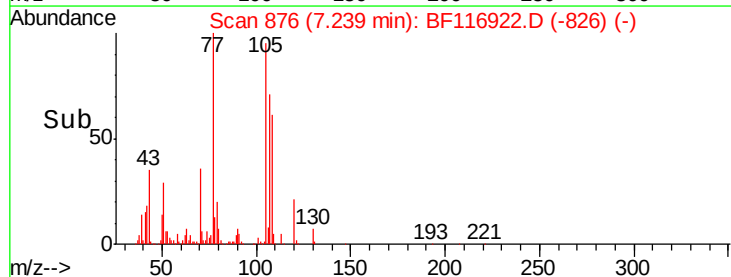
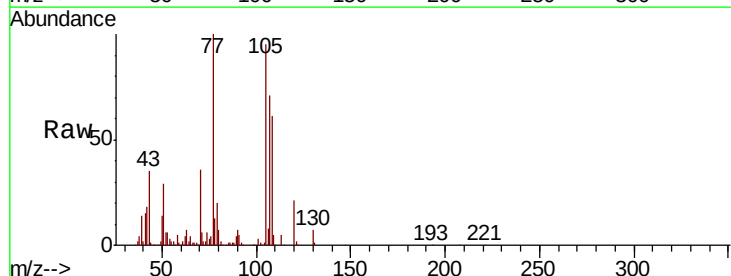
Manual Integrations
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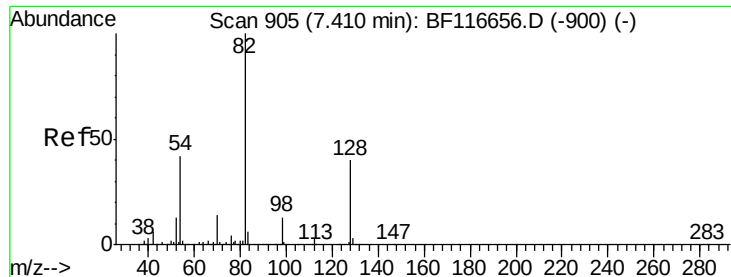
mohammad
9/16/2019 8:56:56 AM



#22
Acetophenone
Concen: 38.637 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320143		
71	6.3	4.2	6.4	
51	30.0	25.8	38.8	
120	21.6	16.4	24.6	





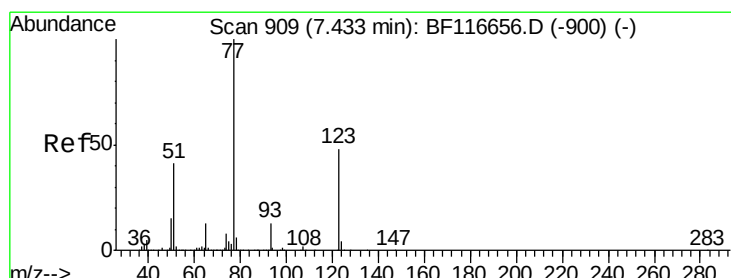
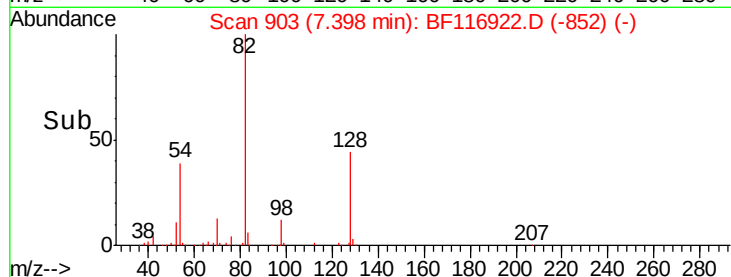
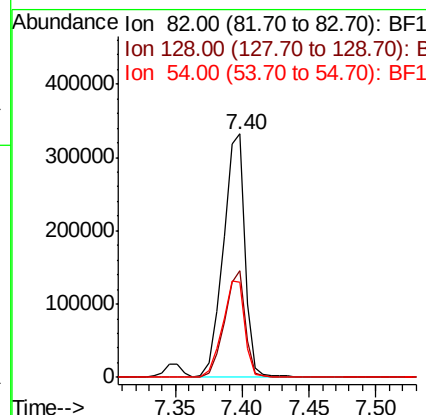
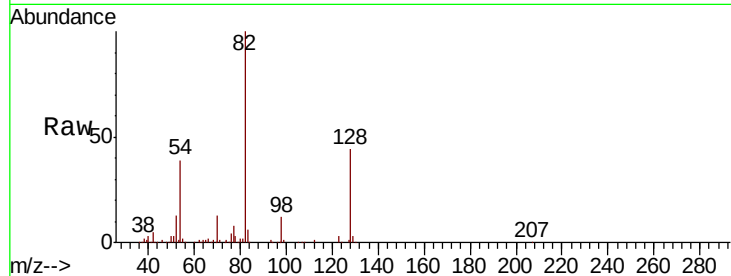
#23
 Nitrobenzene-d5
 Concen: 63.129 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	380597		
128	43.8		32.8	49.2
54	39.0		36.9	55.3

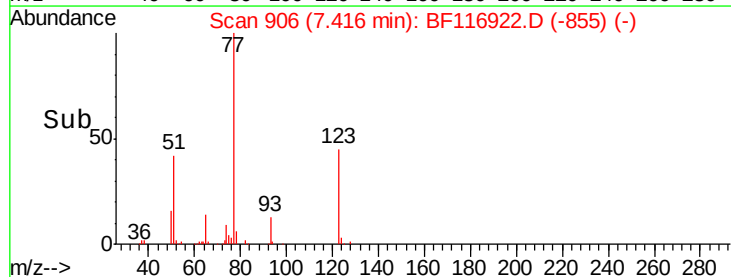
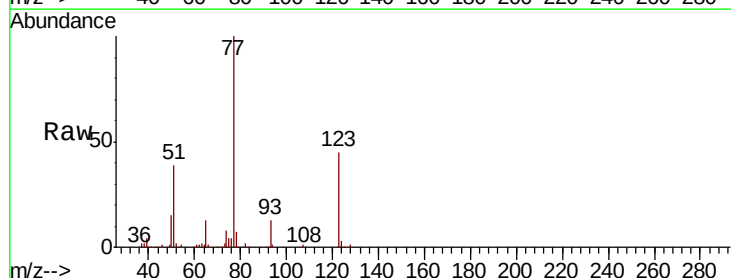
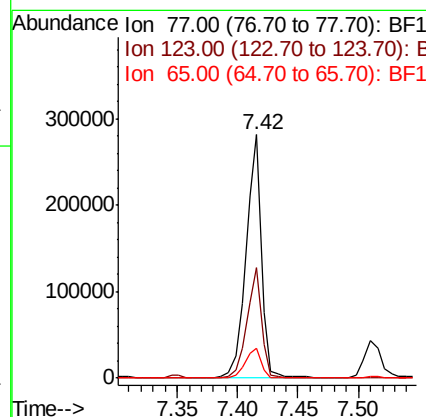
Manual Integrations
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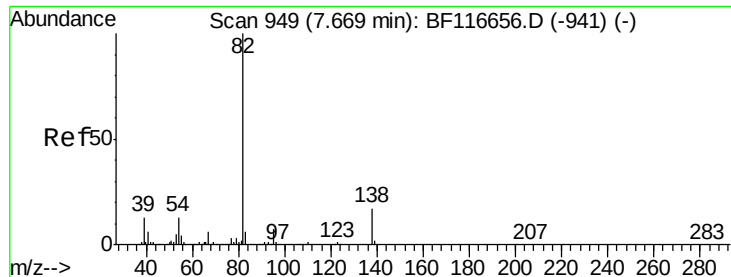
mohammad
 9/16/2019 8:56:56 AM



#24
 Nitrobenzene
 Concen: 40.753 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	249879		
123	45.3		33.1	49.7
65	12.5		10.6	15.8





#25

Isophorone

Concen: 36.613 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

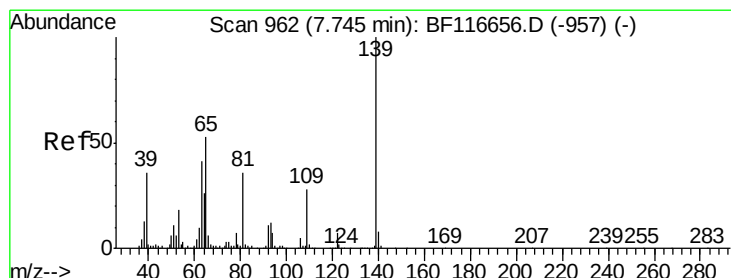
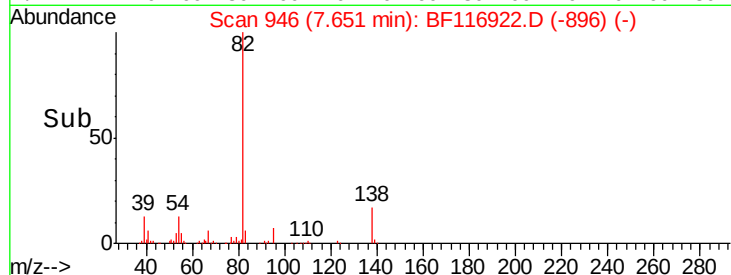
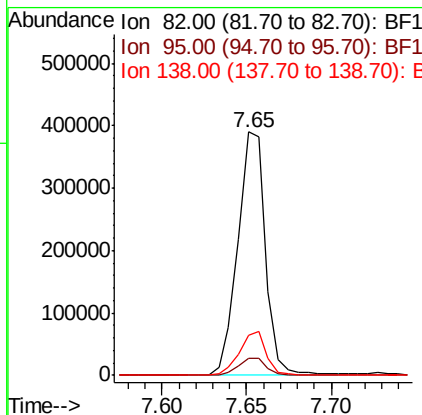
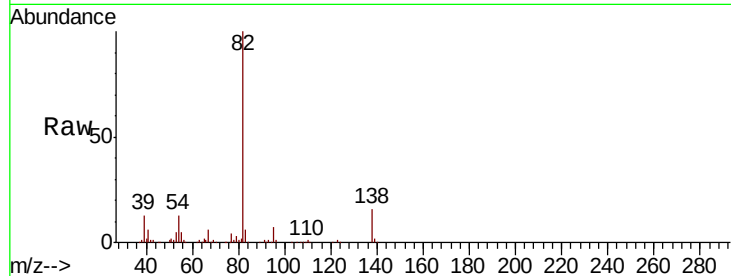
ClientSampleId :

PB122853BSD

Tot Ion:	82	Resp:	447282
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.8	8.6
138	16.3	13.5	20.3

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#26

2-Nitrophenol

Concen: 50.979 ng

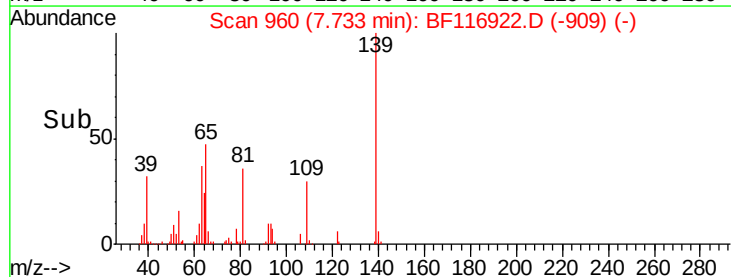
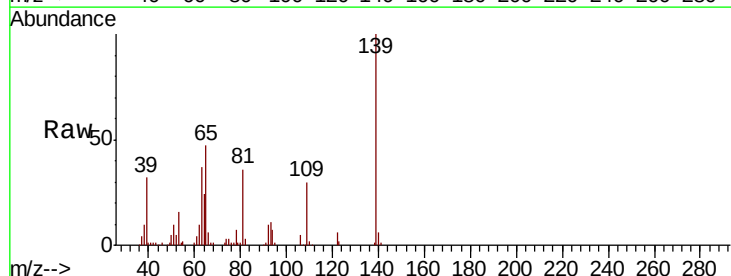
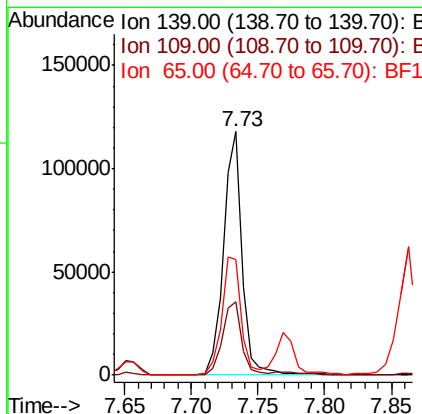
RT: 7.73 min Scan# 960

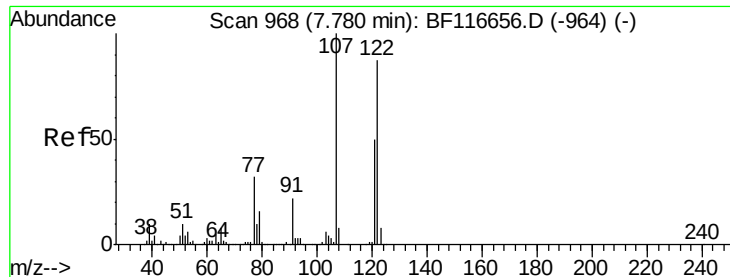
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	139	Resp:	116213
Ion Ratio		Lower	Upper
139	100		
109	30.2	27.1	40.7
65	47.3	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 42.774 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

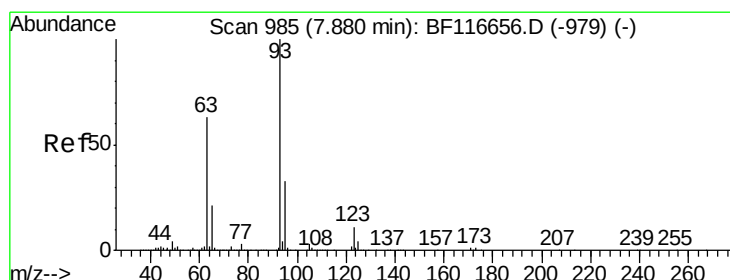
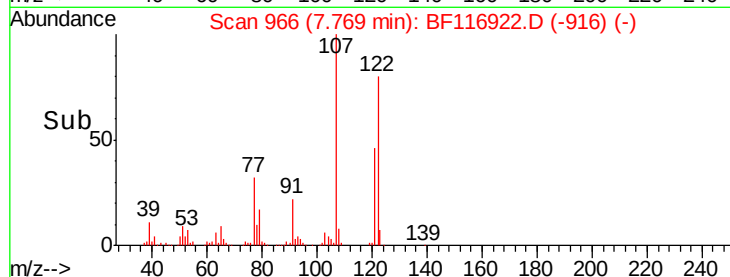
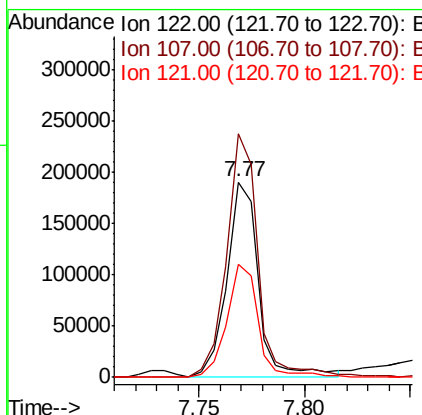
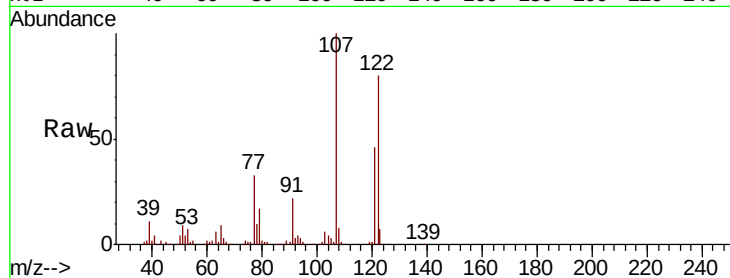
ClientSampleId :

PB122853BSD

Tot Ion:	122	Resp:	196927
Ion	Ratio	Lower	Upper
122	100		
107	124.7	98.1	147.1
121	57.7	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 35.982 ng

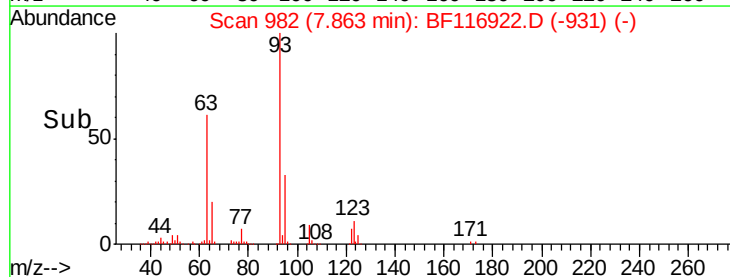
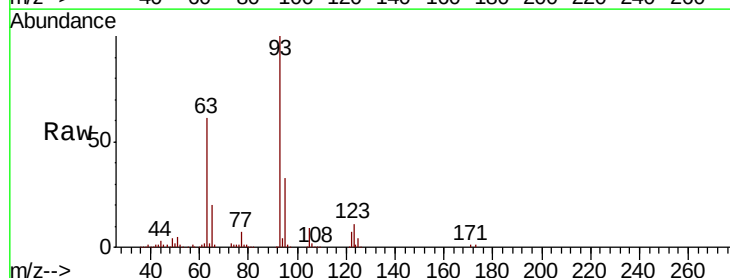
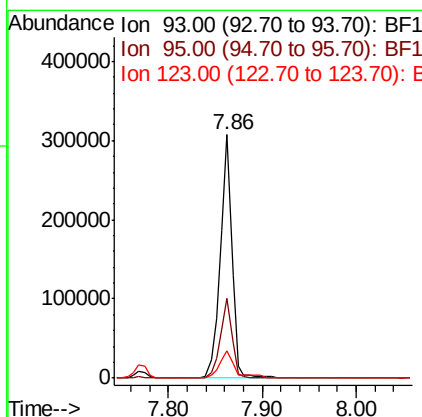
RT: 7.86 min Scan# 982

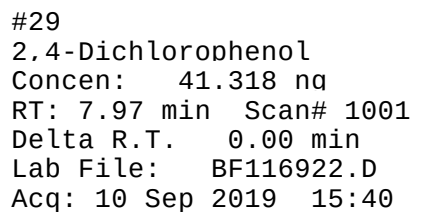
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	93	Resp:	268625
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.4	9.8	14.8



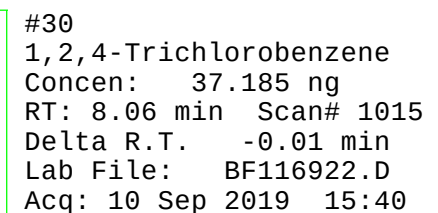
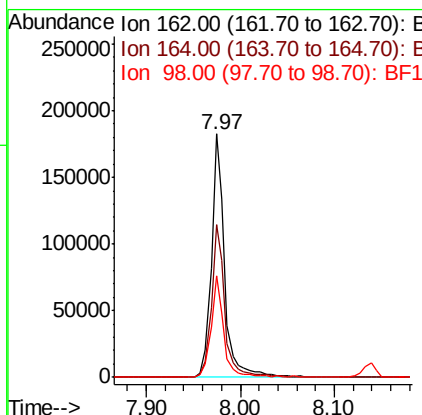


Instrument :
BNA_F
ClientSampleId :
PB122853BSD

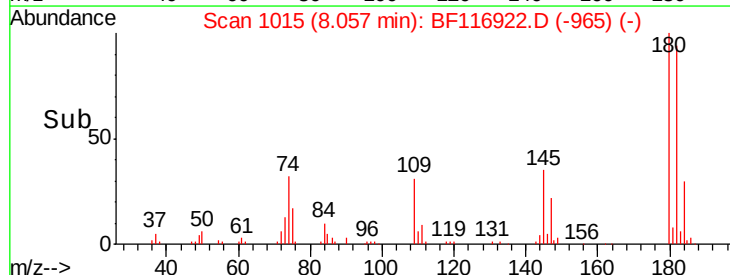
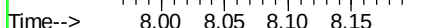
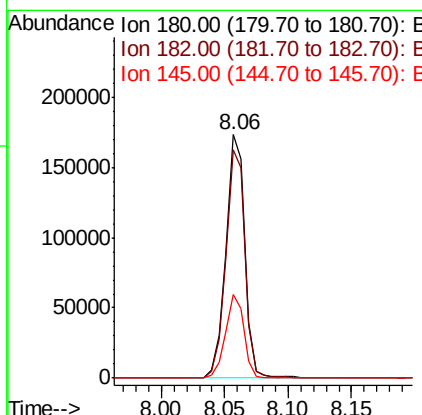
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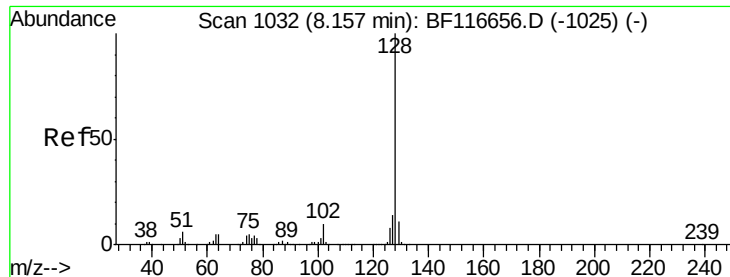
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Tqt	Ion:162	Resp:	182809
Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.4	83.4
98	41.5	18.1	58.1



Tgt	Ion:180	Resp:	178448
Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.6	118.0
145	34.5	25.7	38.5





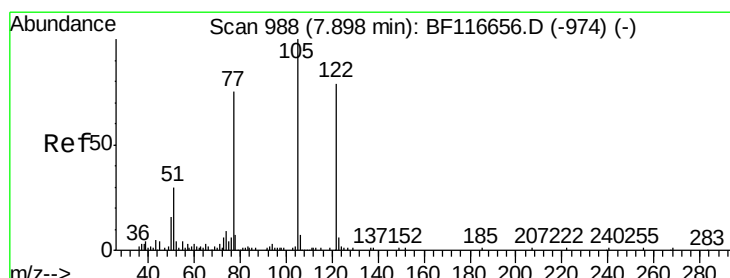
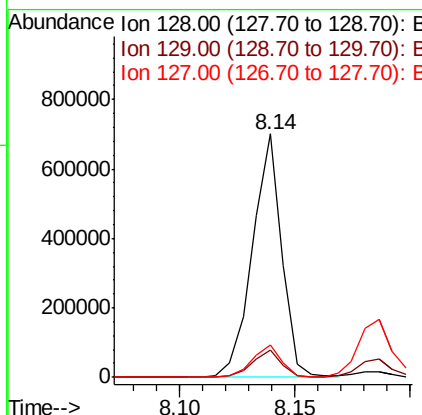
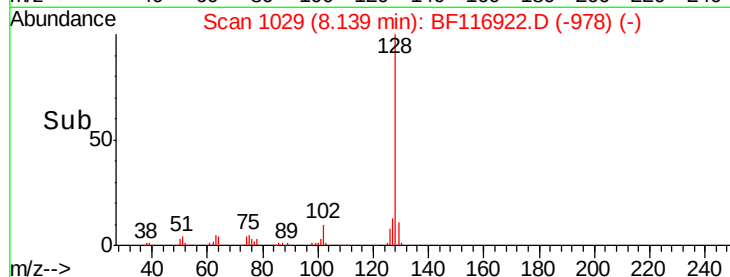
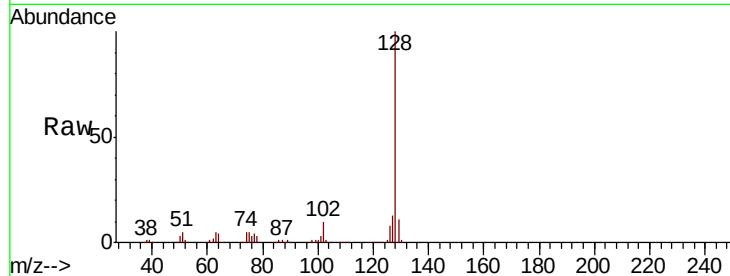
#31
Naphthalene
Concen: 38.198 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	625138		
129	11.1	8.6	13.0	
127	13.5	10.4	15.6	

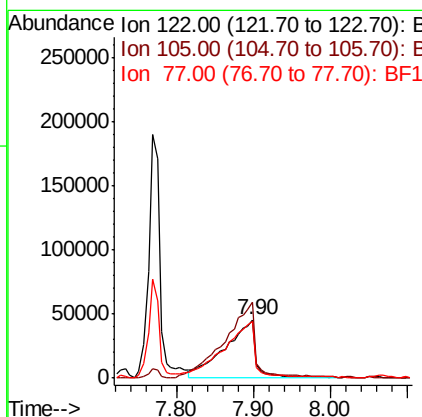
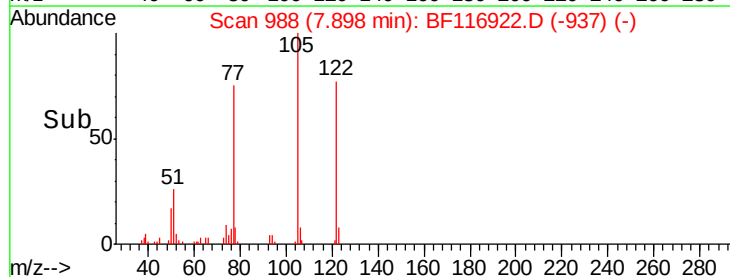
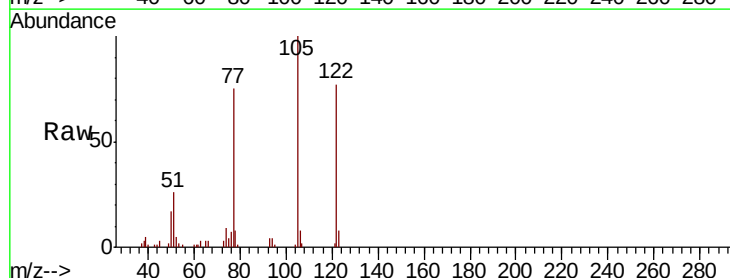
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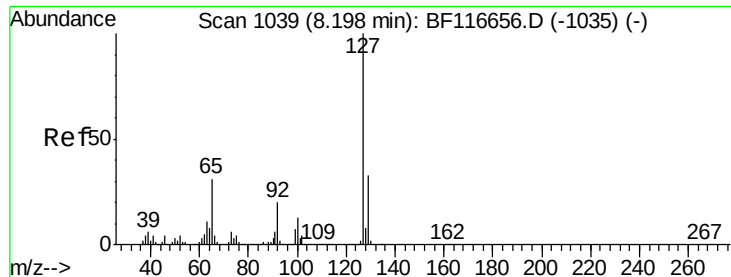
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#32
Benzoic acid
Concen: 48.499 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	126076		
105	130.1	110.0	150.0	
77	98.1	81.7	121.7	





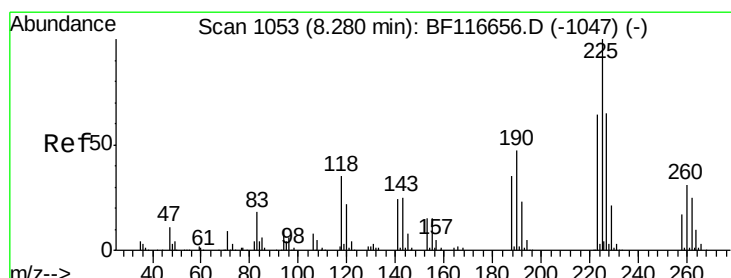
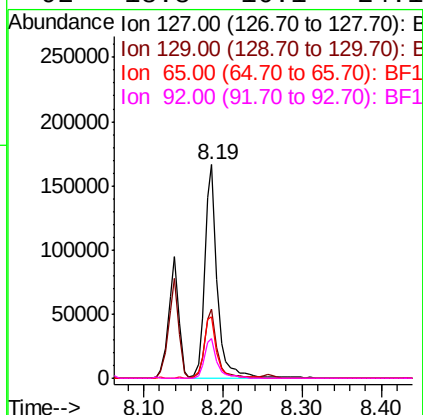
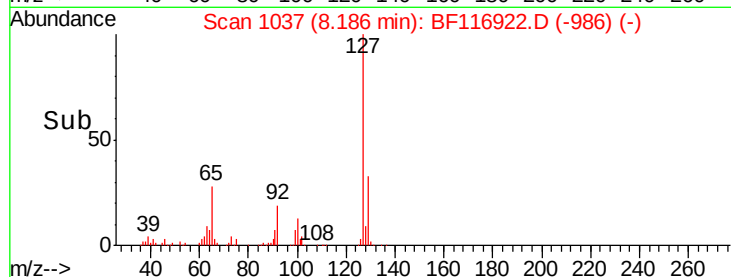
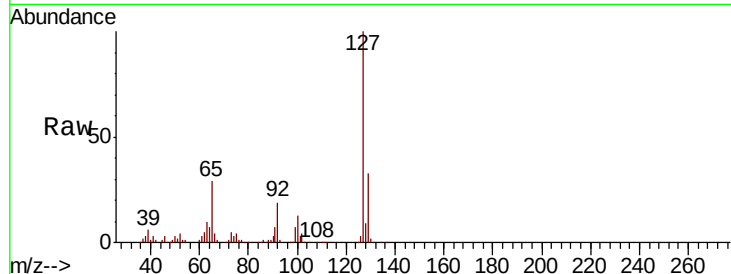
#33
4-Chloroaniline
Concen: 24.912 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		185587		
129	32.6	26.2	39.2		
65	28.7	26.0	39.0		
92	18.8	16.1	24.1		

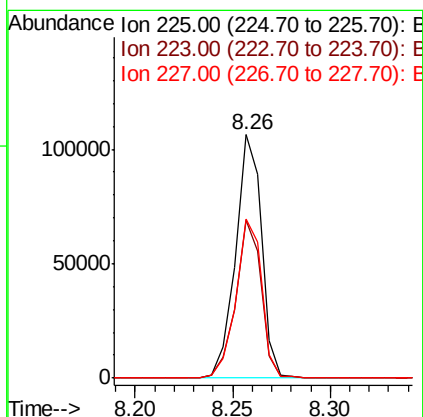
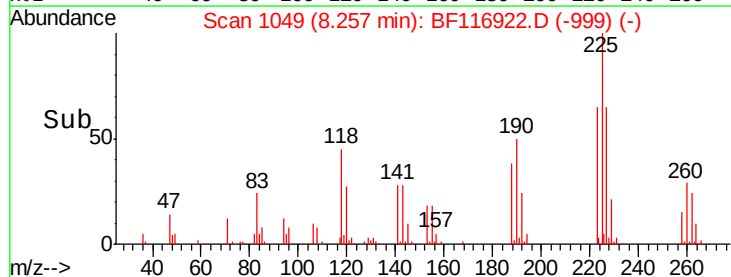
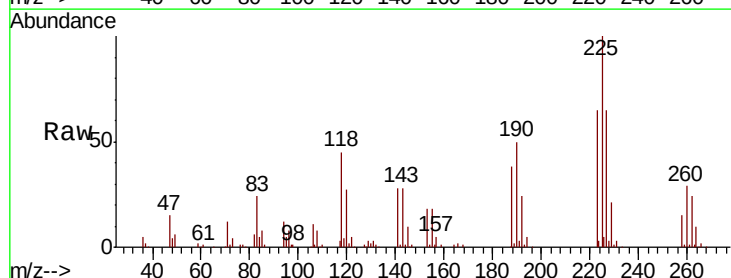
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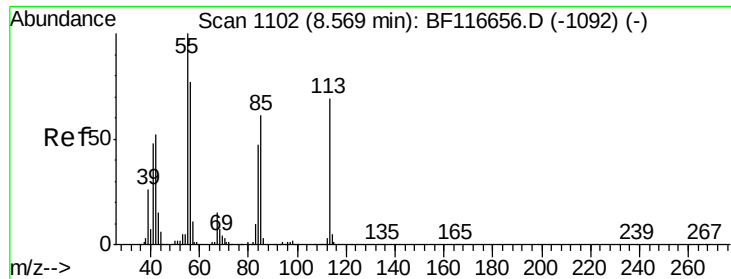
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#34
Hexachlorobutadiene
Concen: 37.646 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		98505		
223	64.7	49.4	74.2		
227	65.2	51.0	76.4		





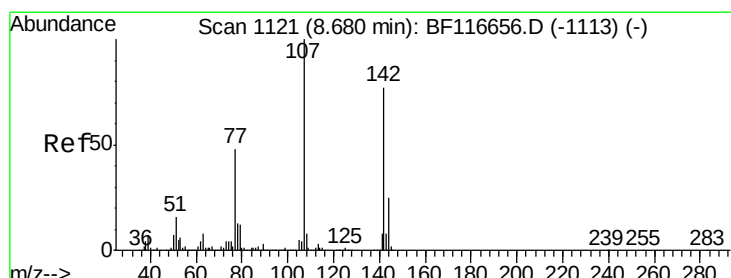
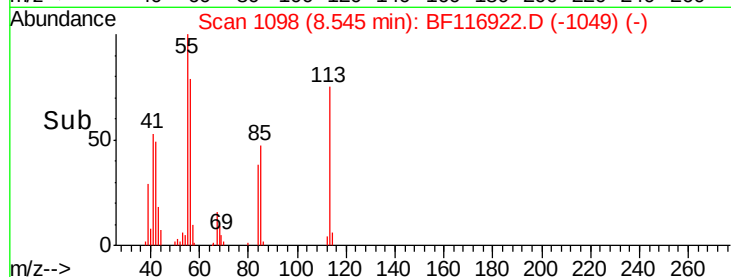
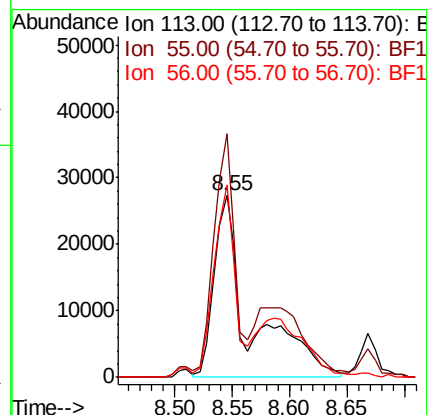
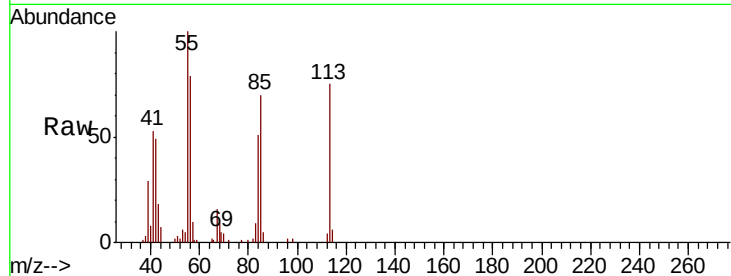
#35
Caprolactam
Concen: 35.651 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		59031		
55	134.1	124.3	164.3		
56	105.7	94.6	134.6		

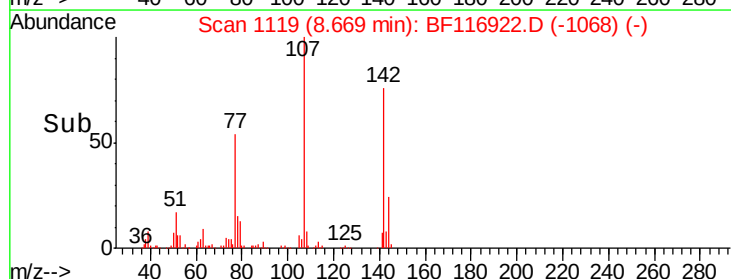
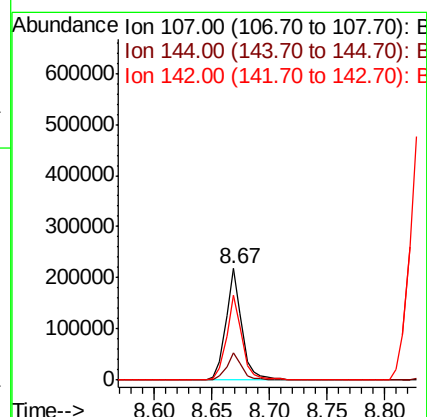
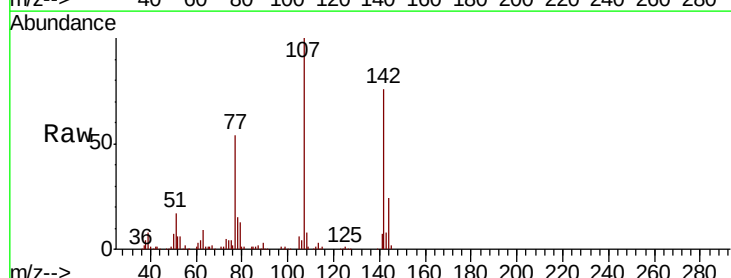
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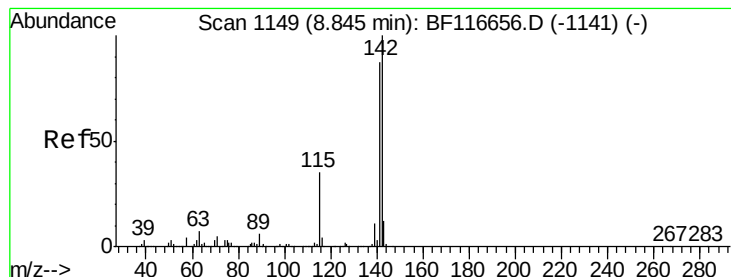
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#36
4-Chloro-3-methylphenol
Concen: 41.606 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		211576		
144	24.2	18.6	27.8		
142	76.0	58.5	87.7		





#37

2-Methylnaphthalene

Concen: 39.989 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

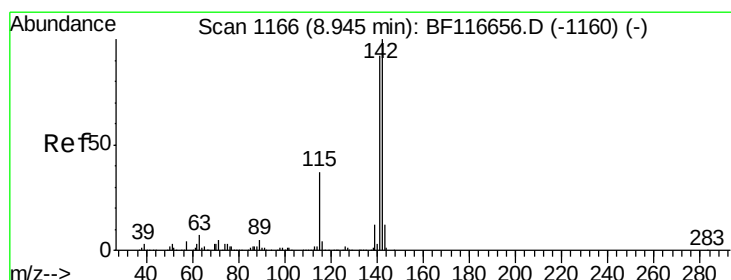
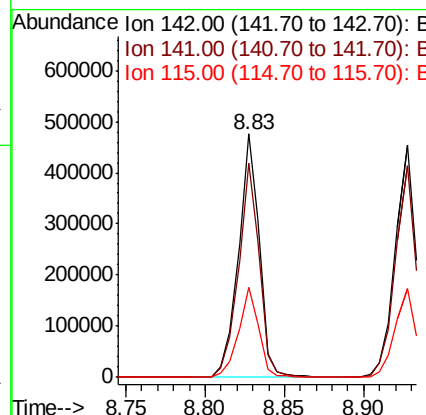
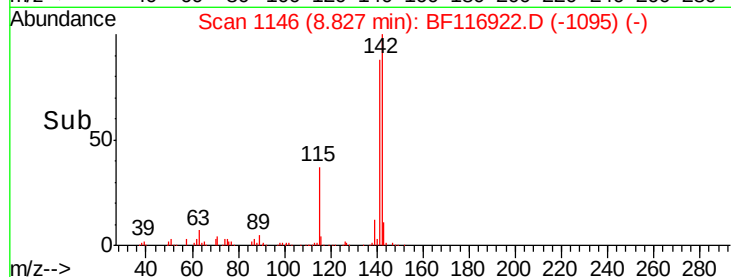
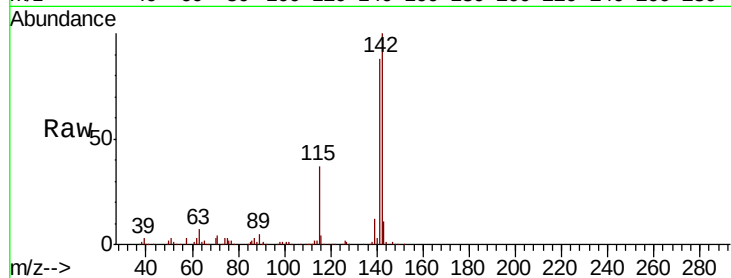
ClientSampleId :

PB122853BSD

Tot Ion:	142	Resp:	435432
Ion Ratio	Lower	Upper	
142	100		
141	87.9	72.6	109.0
115	36.8	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 39.575 ng

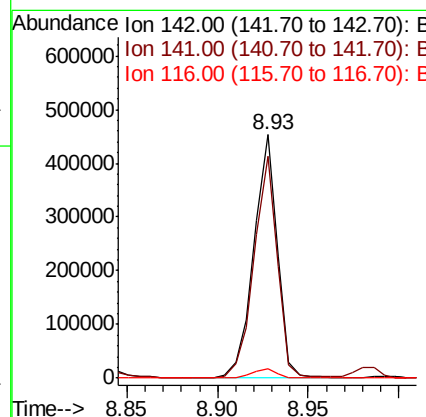
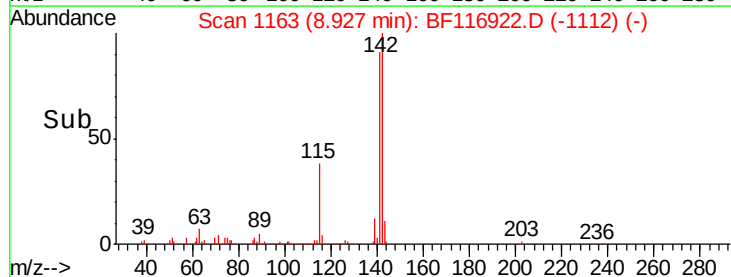
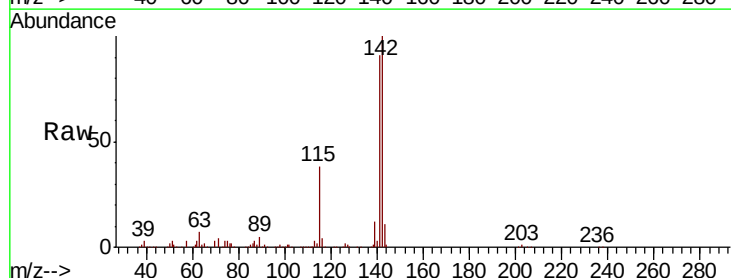
RT: 8.93 min Scan# 1163

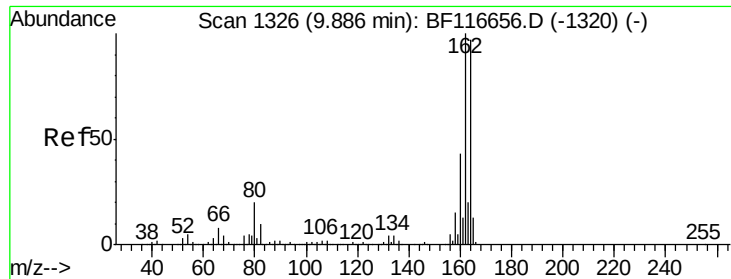
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	142	Resp:	406793
Ion Ratio	Lower	Upper	
142	100		
141	91.4	73.9	110.9
116	4.0	3.0	4.6





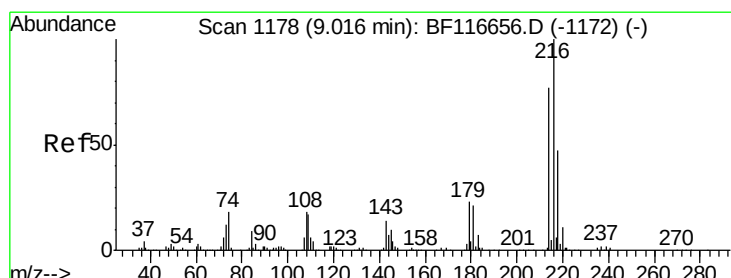
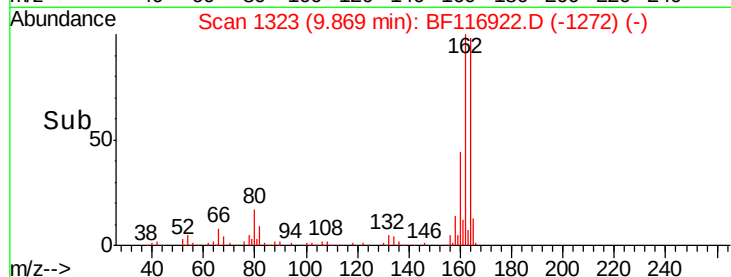
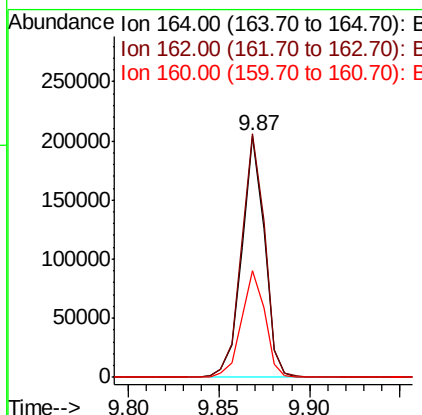
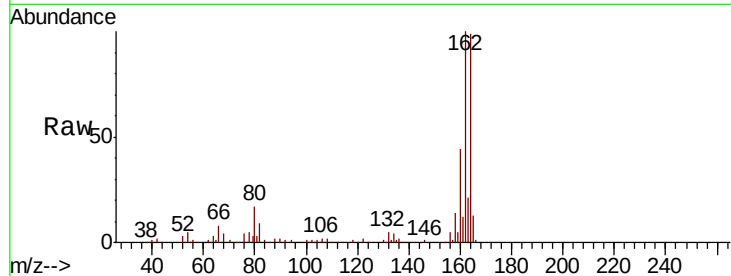
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177544		
162	100.9	81.4	122.0	
160	44.1	35.4	53.2	

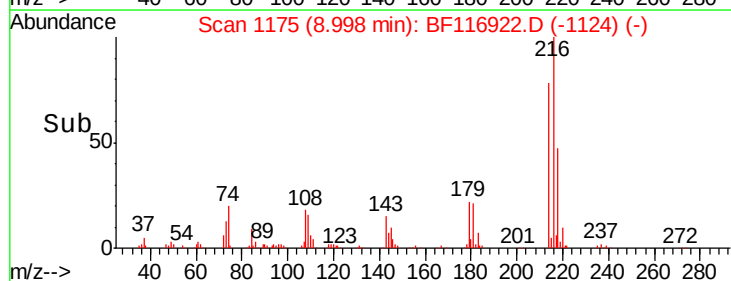
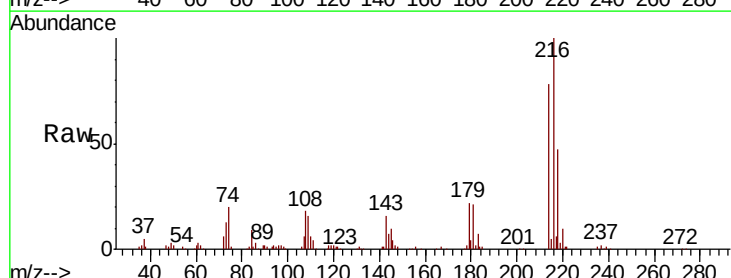
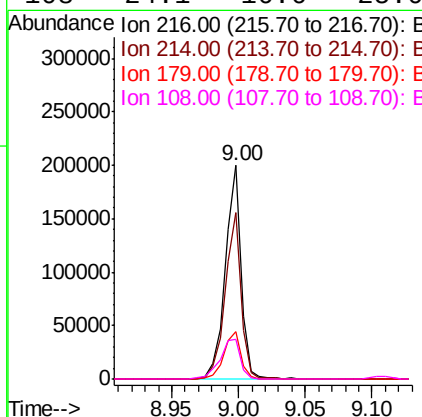
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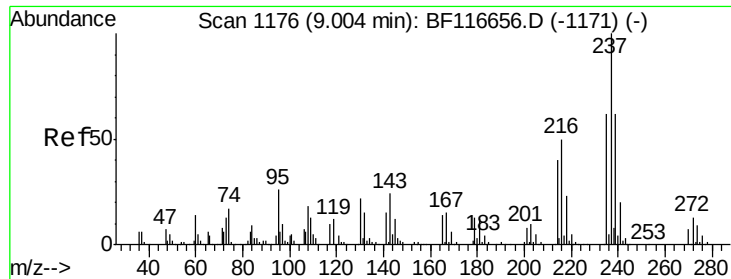
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.755 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	169199		
214	78.5	62.7	94.1	
179	23.4	19.3	28.9	
108	24.1	16.6	25.0	





#41

Hexachlorocyclopentadiene

Concen: 52.778 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

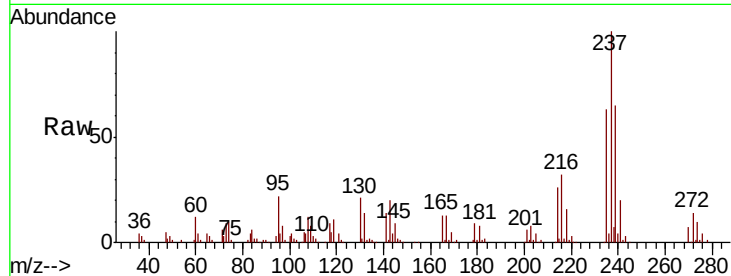
ClientSampleId :

PB122853BSD

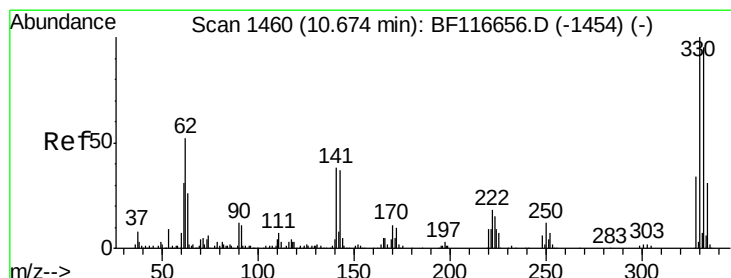
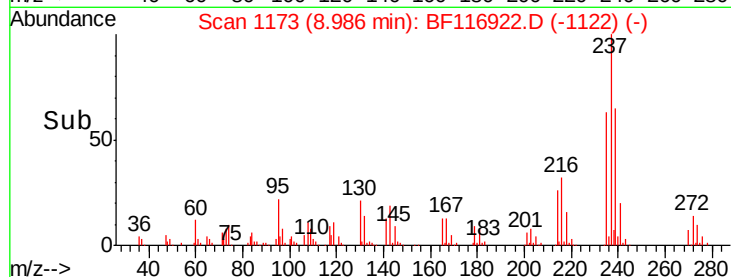
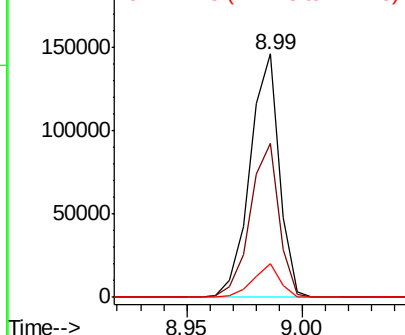
Tot Ion:	237	Resp:	129715
Ion Ratio	Lower	Upper	
237	100		
235	63.3	41.4	81.4
272	13.7	0.0	32.8

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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: 126.522 ng

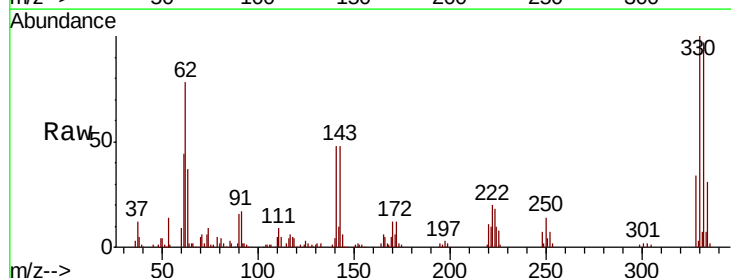
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

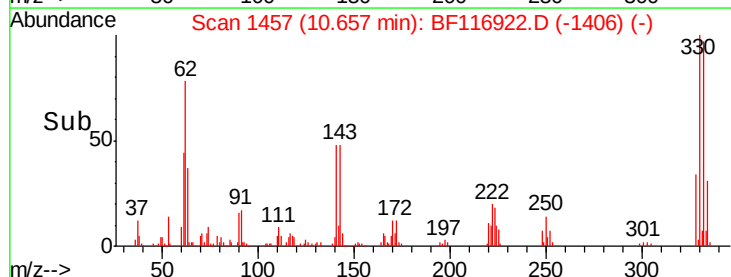
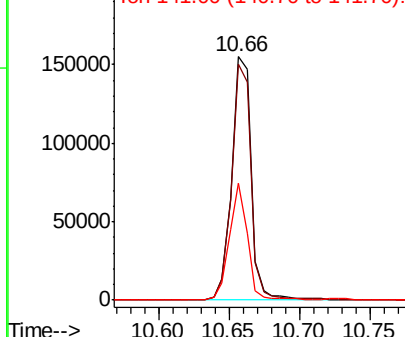
Lab File: BF116922.D

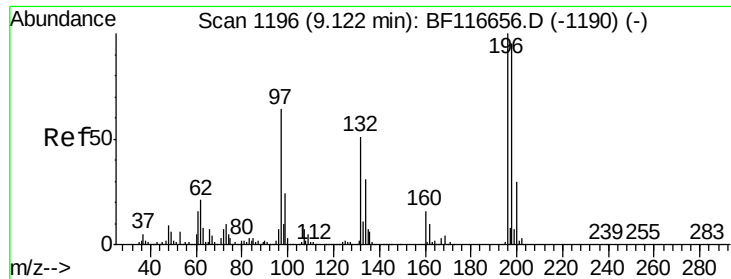
Acq: 10 Sep 2019 15:40

Tgt Ion:	330	Resp:	150171
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	44.4	31.4	47.2



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





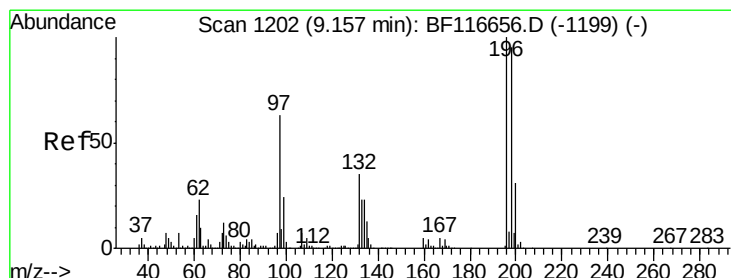
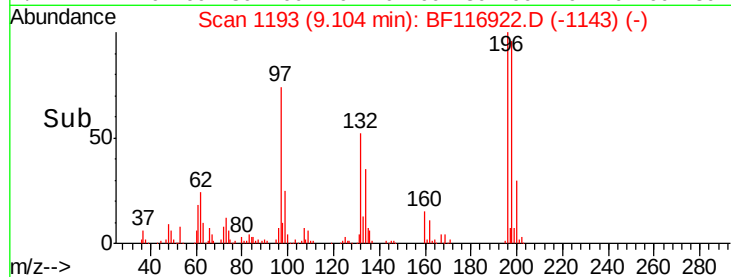
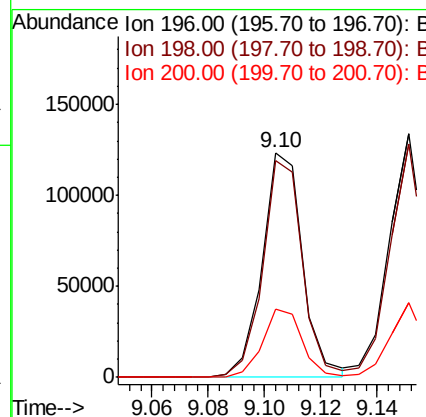
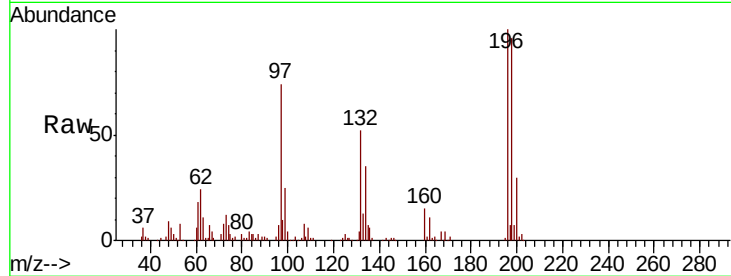
#43
 2,4,6-Trichlorophenol
 Concen: 41.876 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion:	196	Resp:	122175
Ion Ratio	Lower	Upper	
196	100		
198	96.3	79.1	118.7
200	30.5	24.0	36.0

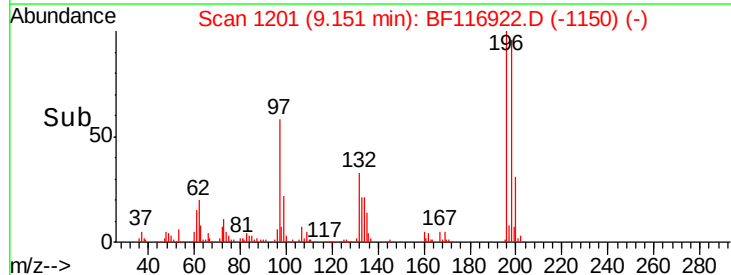
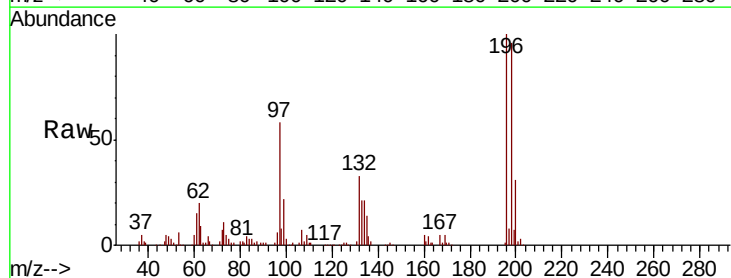
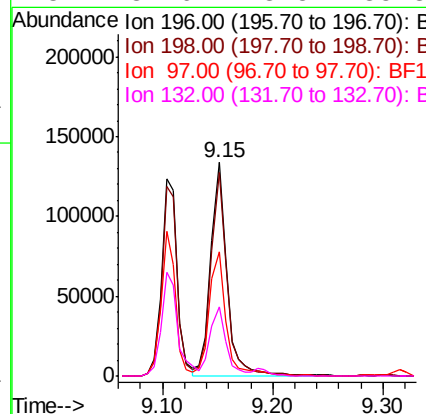
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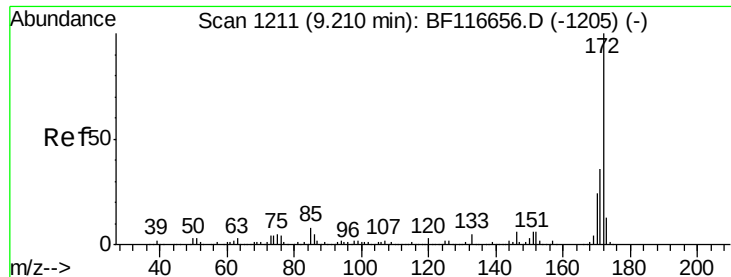
mohammad
 9/16/2019 8:56:56 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.393 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion:	196	Resp:	134462
Ion Ratio	Lower	Upper	
196	100		
198	95.6	78.1	117.1
97	58.1	41.6	62.4
132	32.6	23.5	35.3





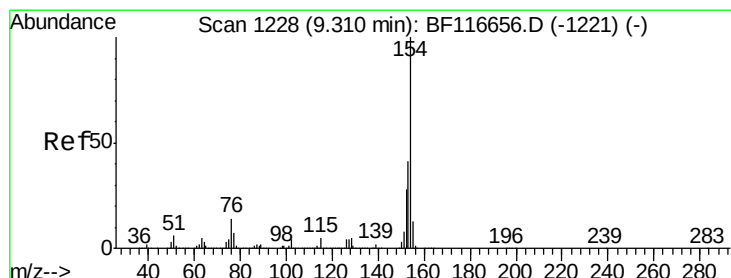
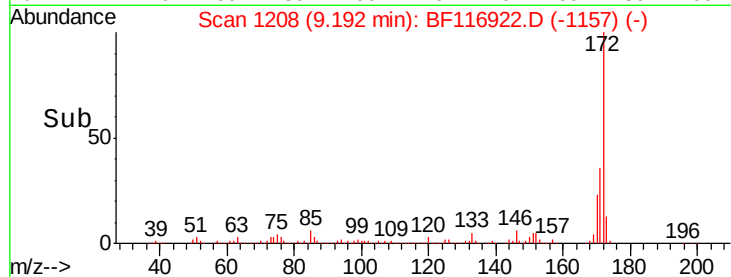
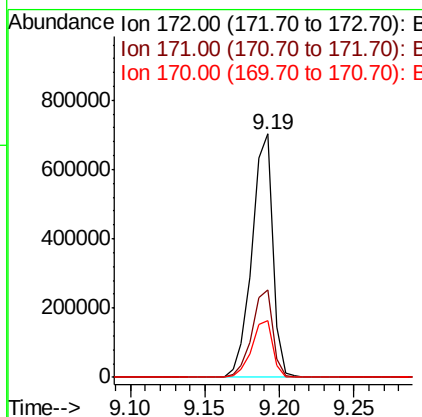
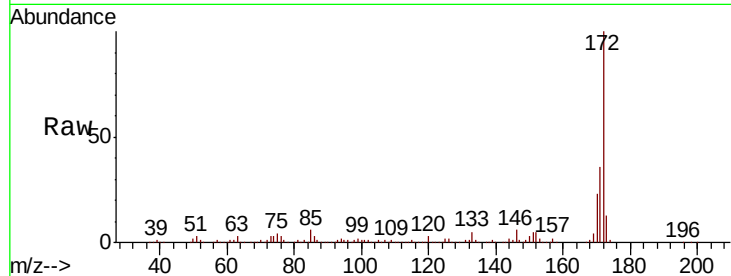
#45
2-Fluorobiphenyl
Concen: 64.388 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	677677		
171	35.8		27.8	41.6
170	23.3		18.9	28.3

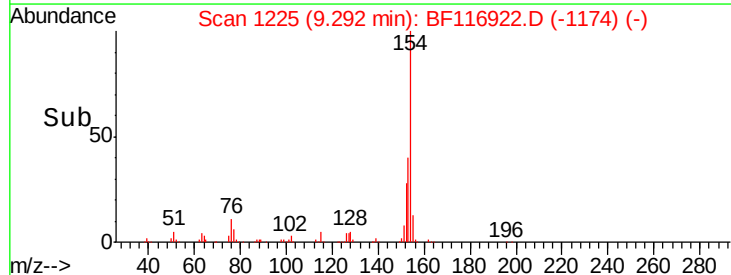
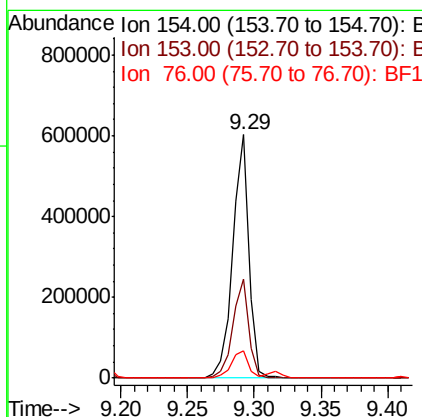
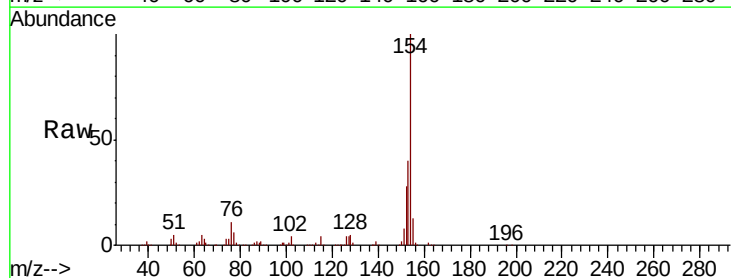
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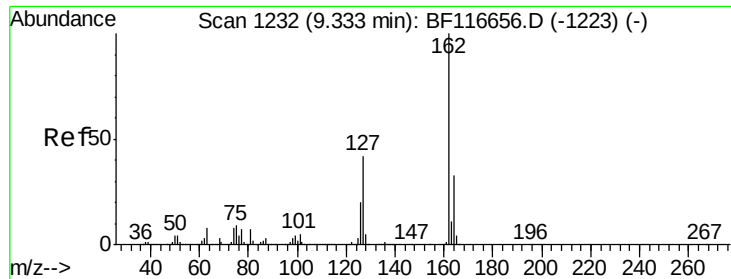
mohammad
9/16/2019 8:56:56 AM



#46
1,1'-Biphenyl
Concen: 38.397 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	517298		
153	40.5		21.2	61.2
76	11.4		0.0	30.9





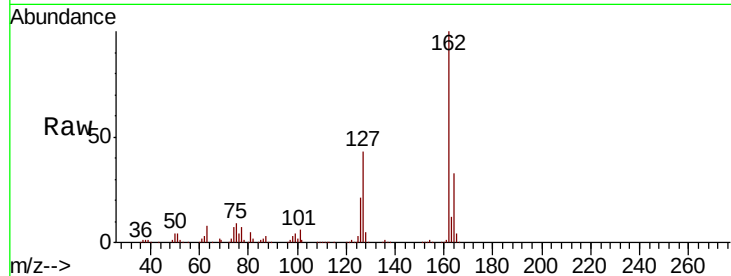
#47
2-Chloronaphthalene
Concen: 37.478 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399915		
127	43.3		33.4	50.2
164	33.2		26.6	39.8

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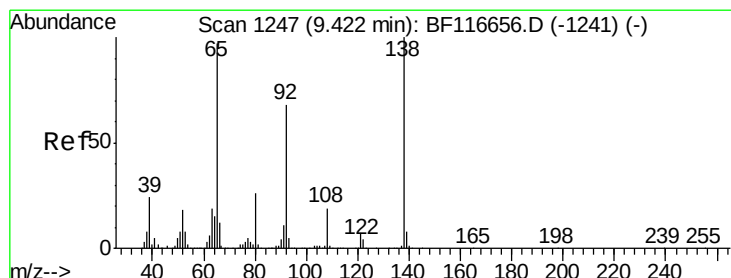
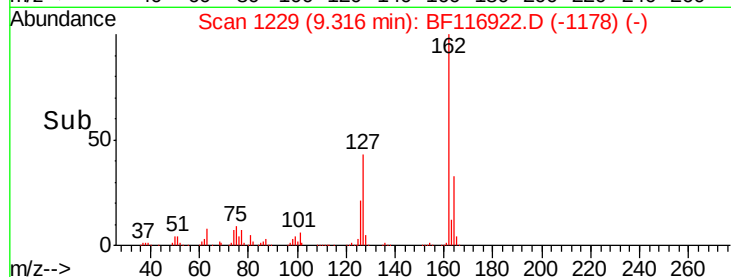
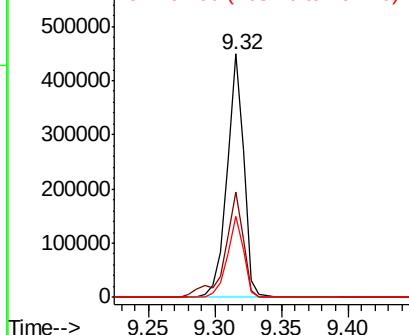


Abundance

Ion 162.00 (161.70 to 162.70): E

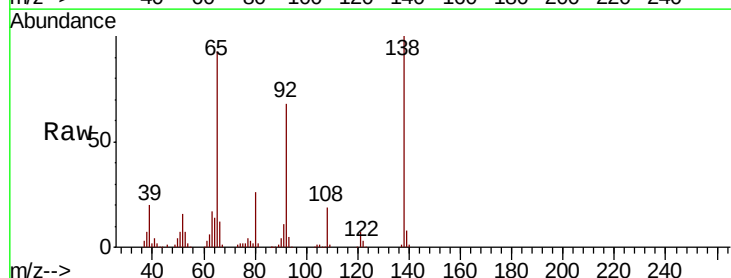
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.235 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130291		
92	72.4		57.1	85.7
138	107.1		88.2	132.2

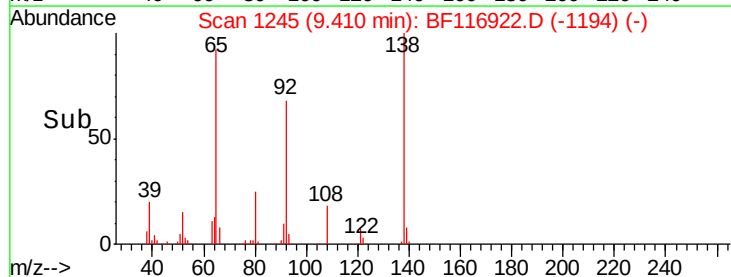
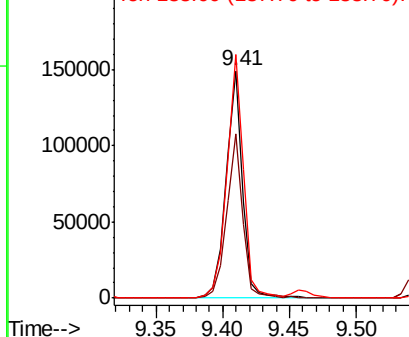


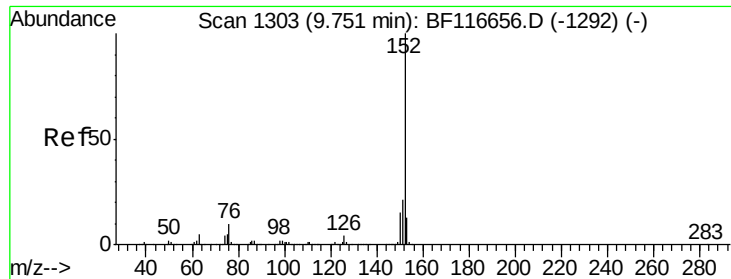
Abundance

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





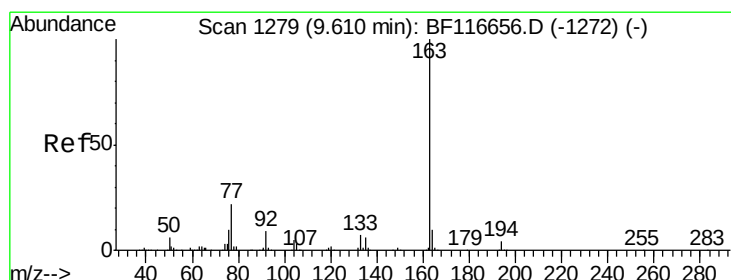
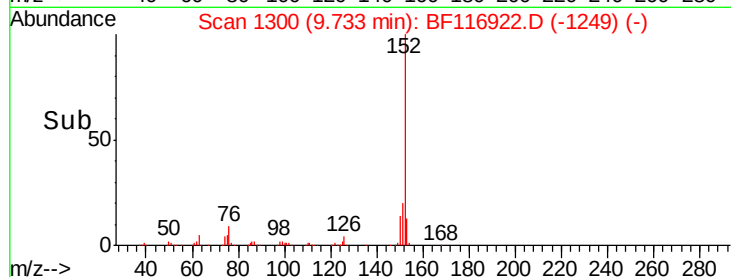
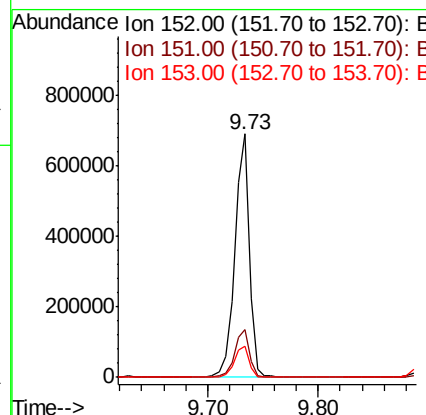
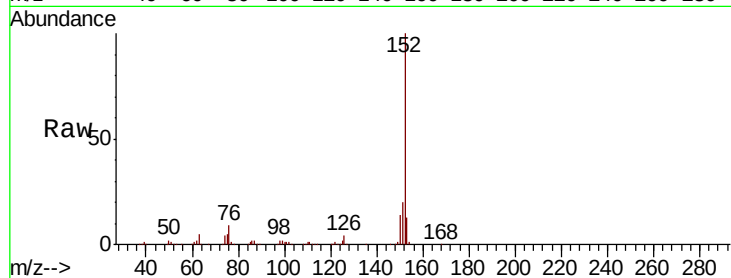
#49
Acenaphthylene
Concen: 39.344 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.7	10.9	16.3

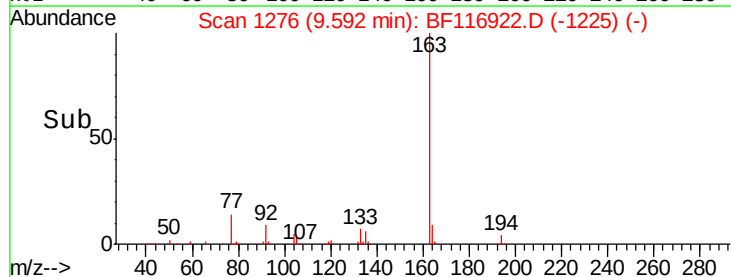
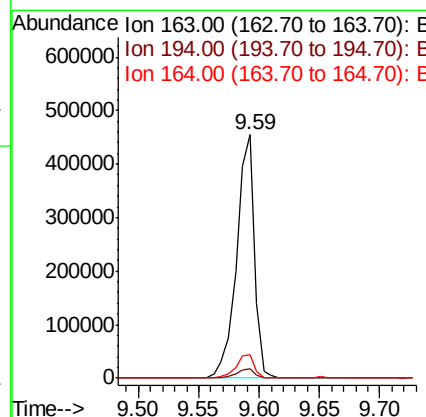
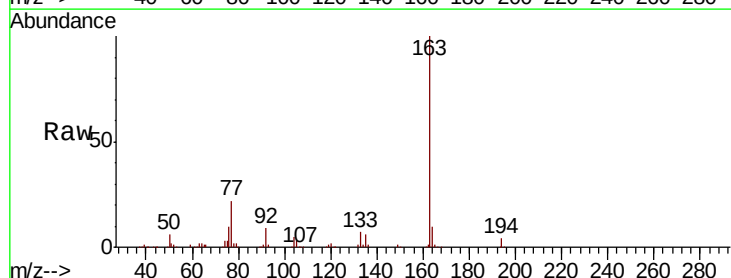
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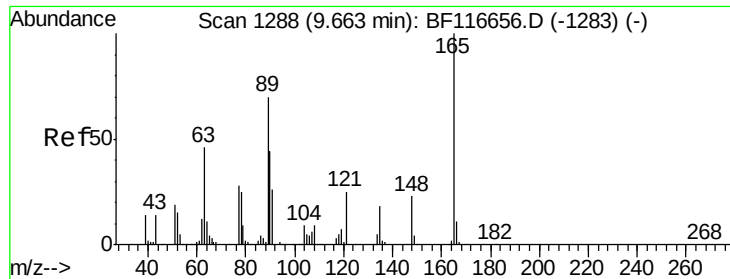
mohammad
9/16/2019 8:56:56 AM



#50
Dimethylphthalate
Concen: 38.218 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.8	8.6	12.8





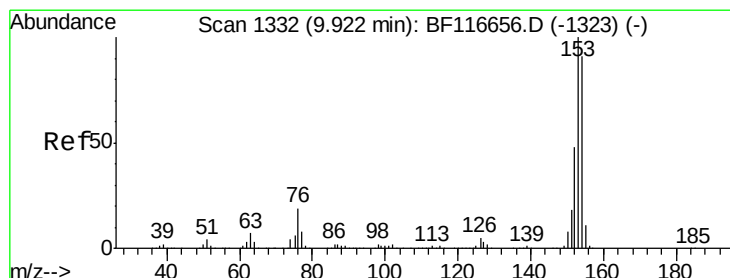
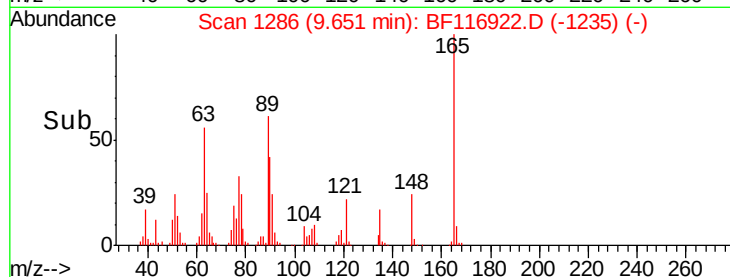
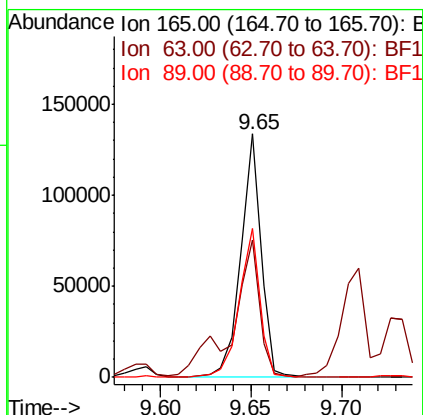
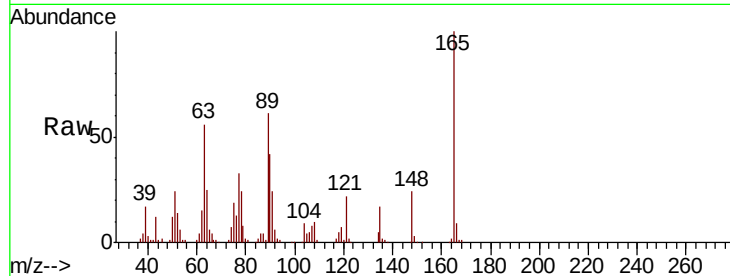
#51
 2,6-Dinitrotoluene
 Concen: 44.829 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	56.3	47.3	70.9		
89	61.0	52.5	78.7		

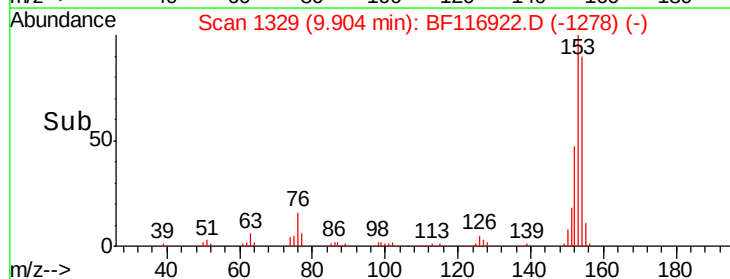
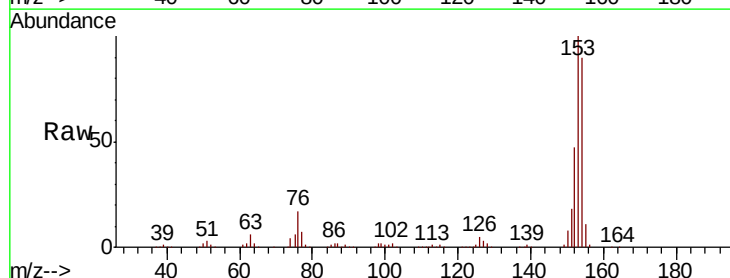
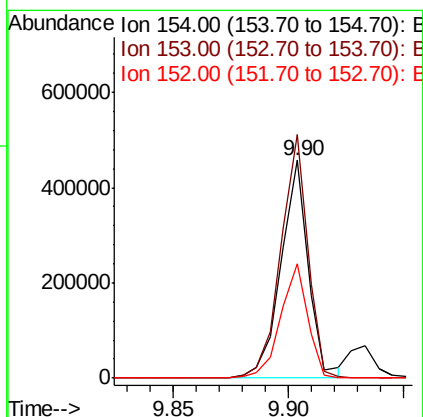
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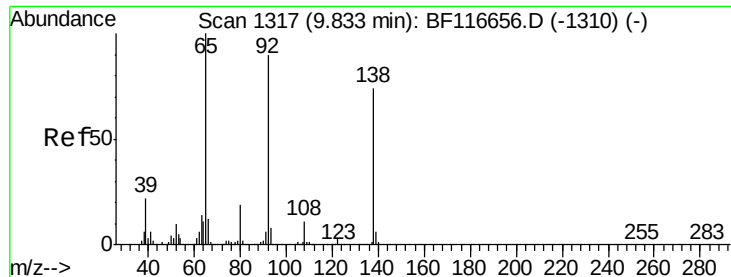
mohammad
 9/16/2019 8:56:56 AM



#52
 Acenaphthene
 Concen: 37.819 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	111.7	89.5	134.3		
152	52.5	41.9	62.9		





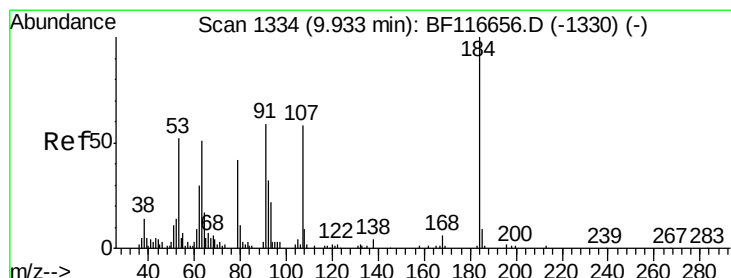
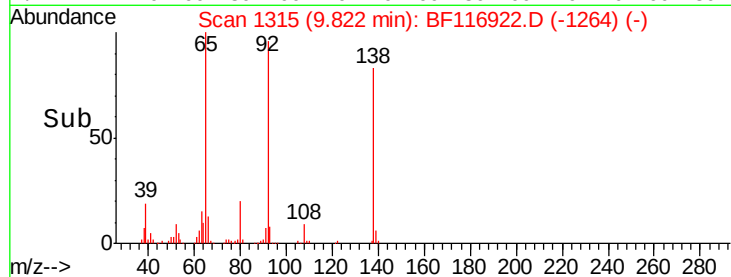
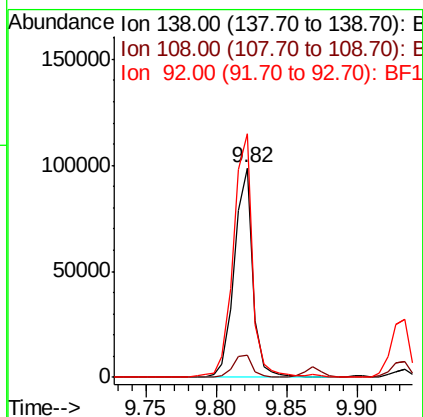
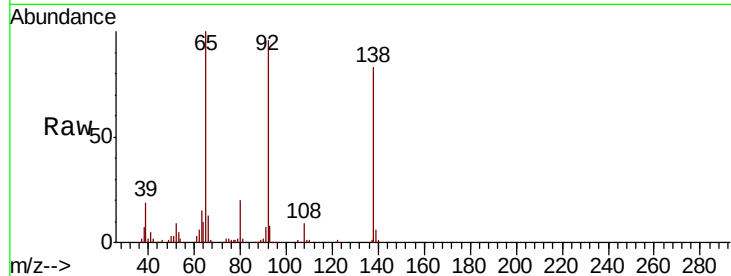
#53
3-Nitroaniline
Concen: 30.795 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	116.4	87.2	130.8

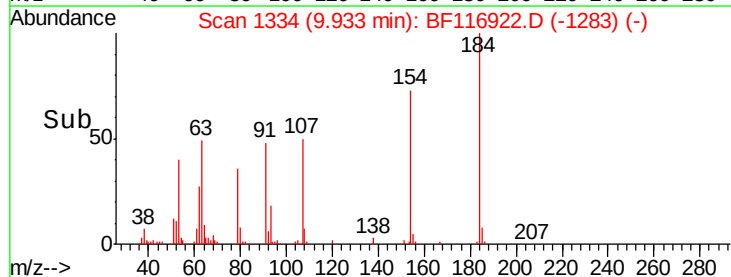
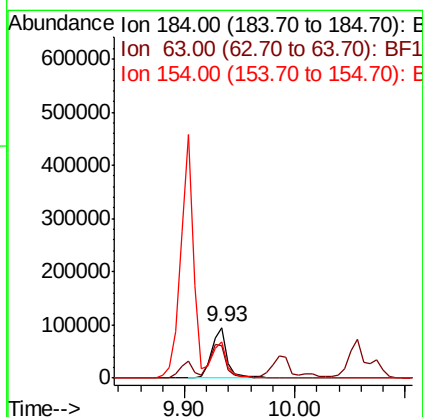
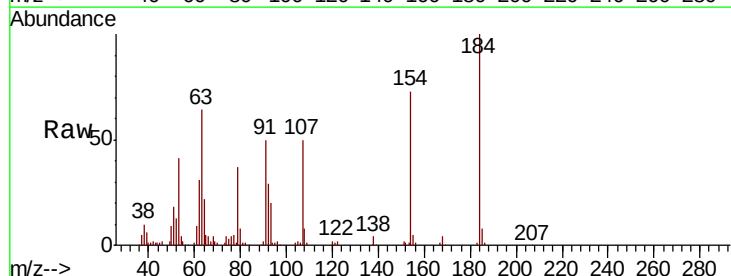
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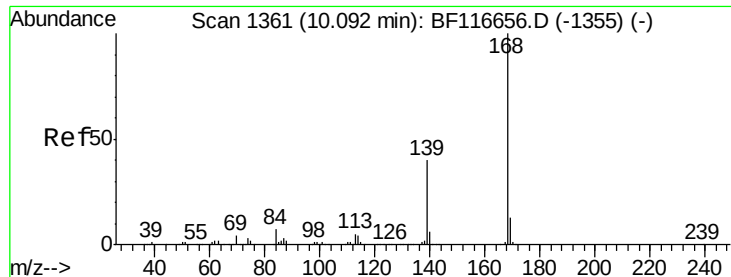
mohammad
9/16/2019 8:56:56 AM



#54
2,4-Dinitrophenol
Concen: 105.905 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	52.2	78.2
154	72.6	60.8	91.2





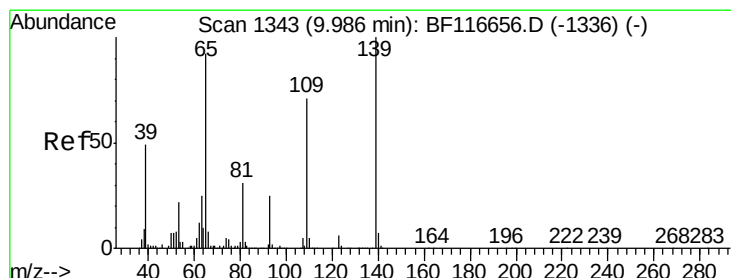
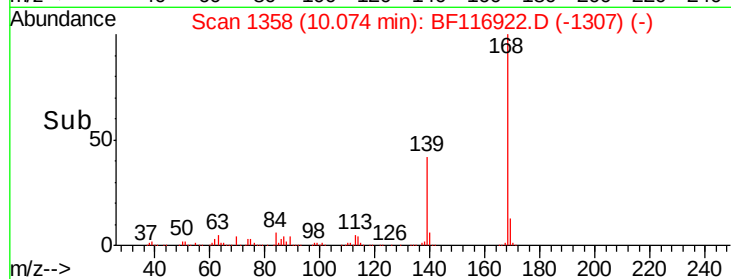
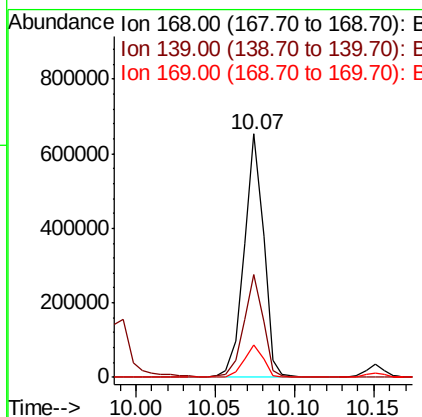
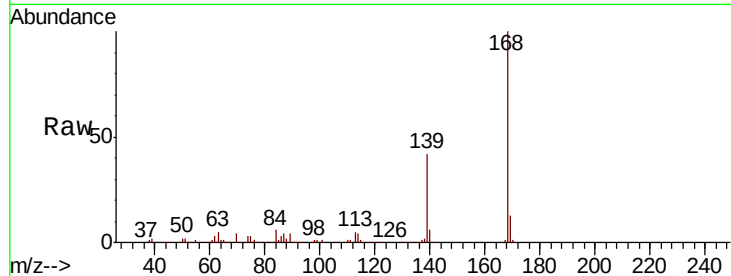
#55
Dibenzofuran
Concen: 39.674 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	554297		
139	42.1		31.5	47.3
169	13.4		10.3	15.5

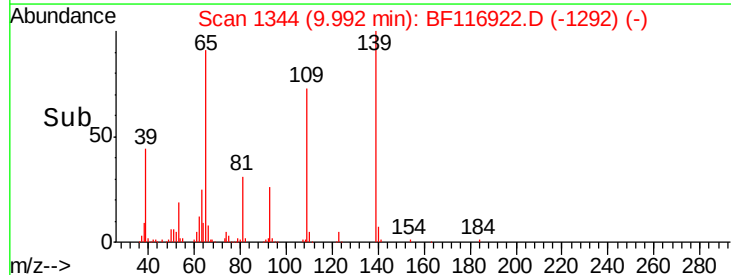
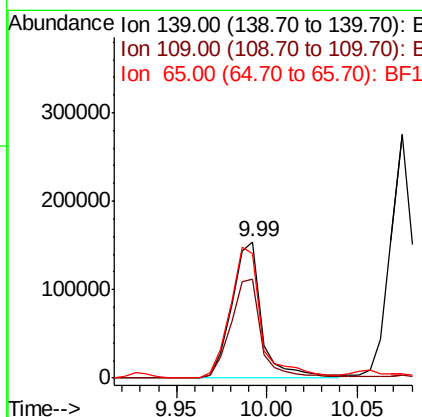
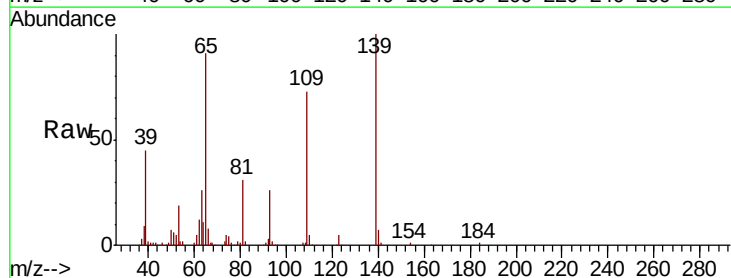
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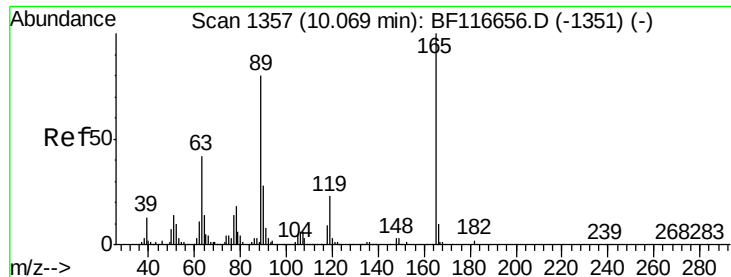
mohammad
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#56
4-Nitrophenol
Concen: 88.388 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	177624		
109	72.9		61.7	101.7
65	91.2		89.1	129.1





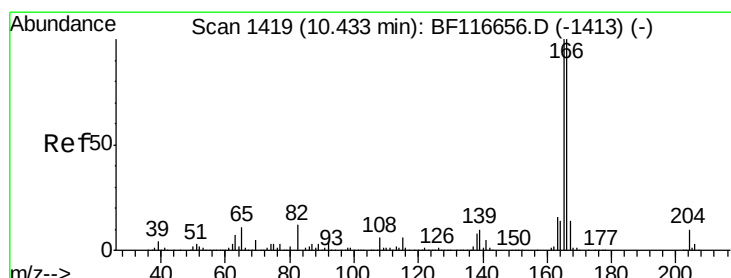
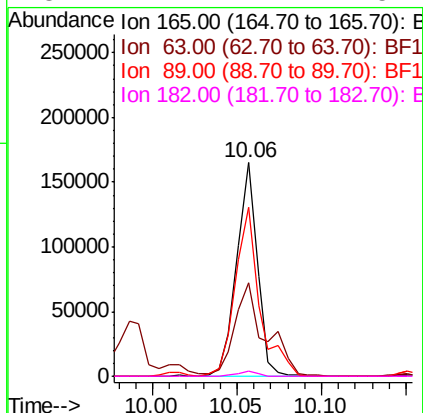
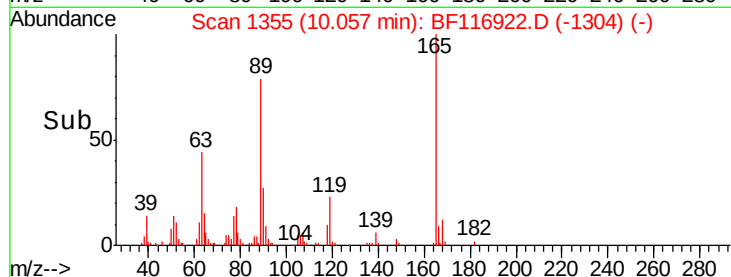
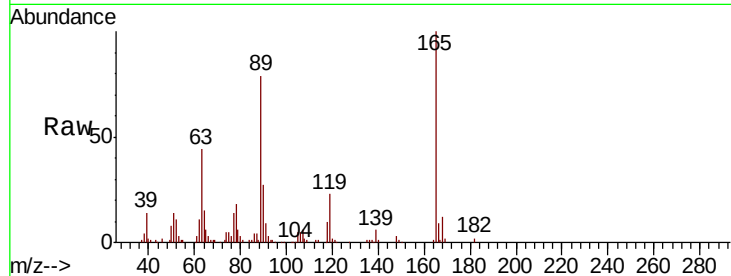
#57
2,4-Dinitrotoluene
Concen: 49.301 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.6	36.4	54.6
89	79.4	62.6	94.0
182	2.4	2.1	3.1

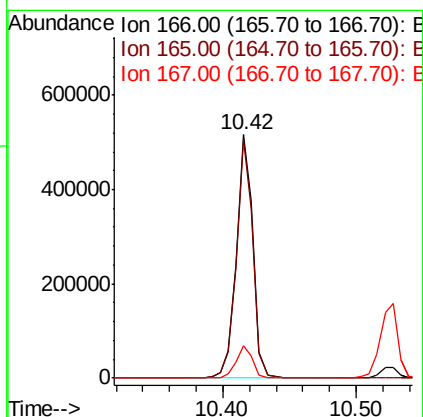
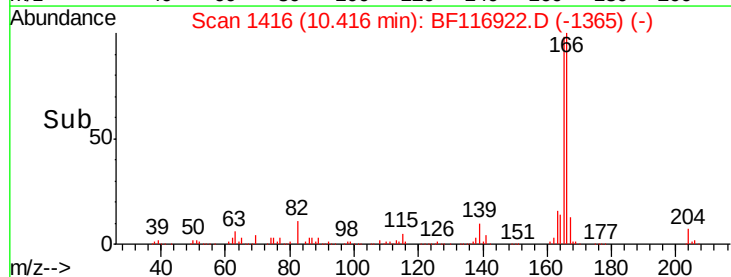
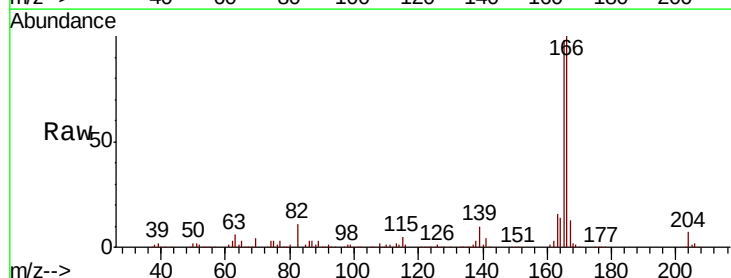
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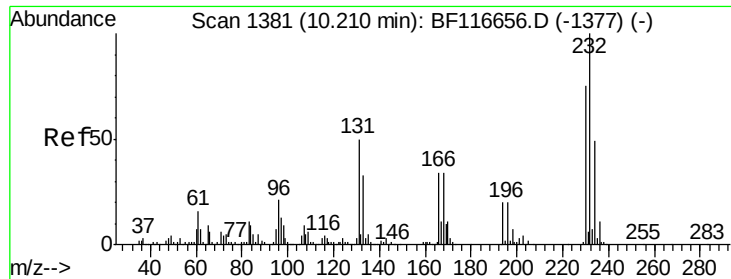
mohammad
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#58
Fluorene
Concen: 42.087 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.0	78.8	118.2
167	13.3	10.0	15.0





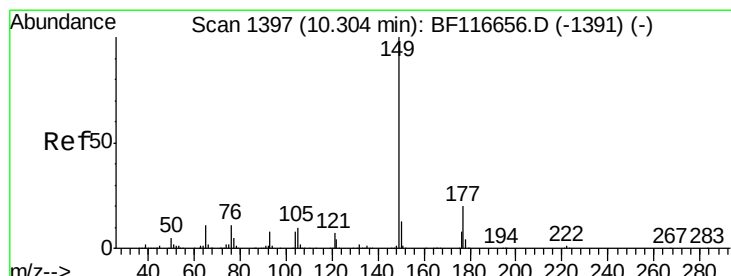
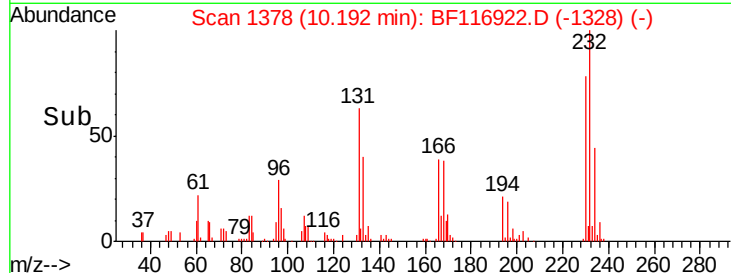
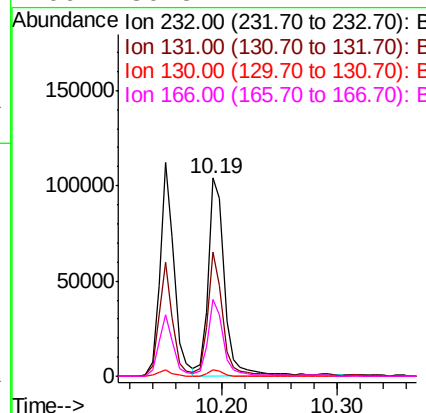
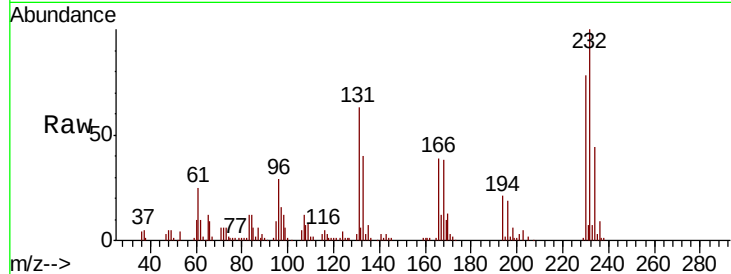
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.109 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	102980		
131	57.0	42.7	64.1	
130	2.7	1.9	2.9	
166	36.3	27.4	41.2	

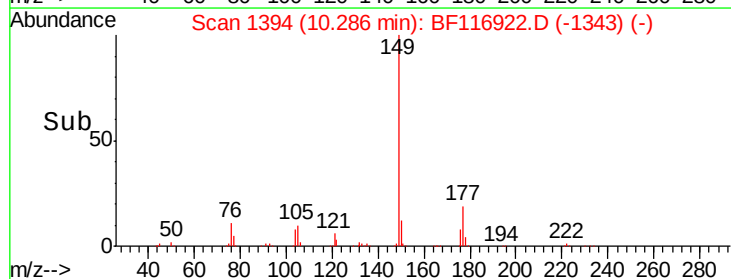
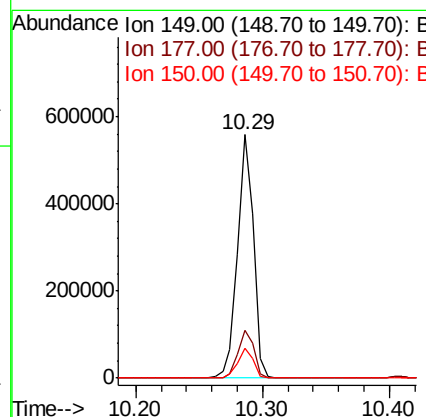
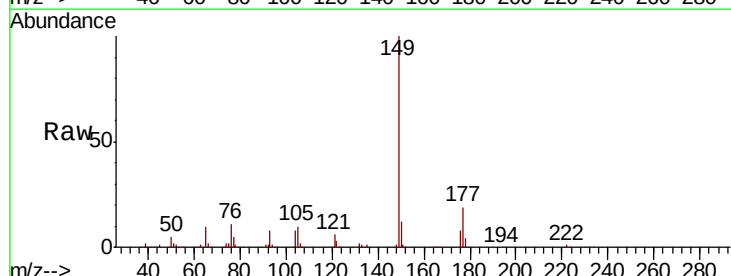
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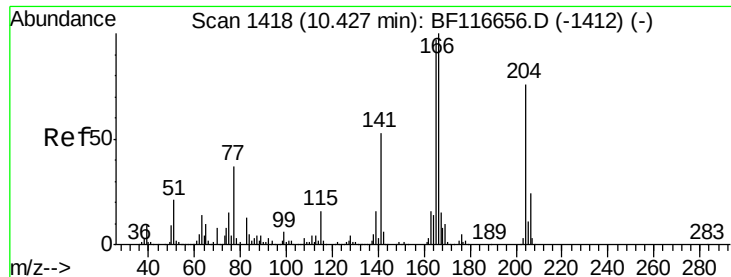
mohammad
 9/16/2019 8:56:56 AM



#60
 Diethylphthalate
 Concen: 39.068 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	479688		
177	19.4	17.2	25.8	
150	12.2	9.7	14.5	





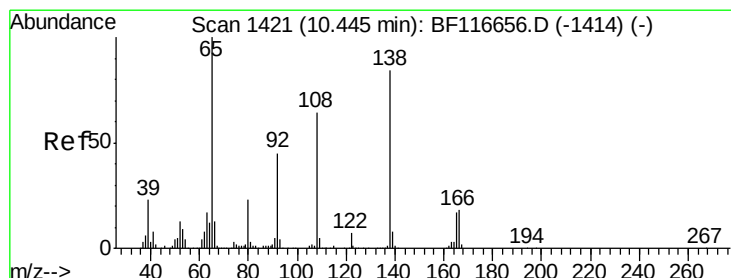
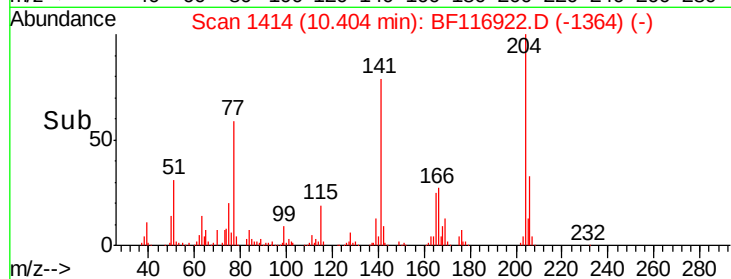
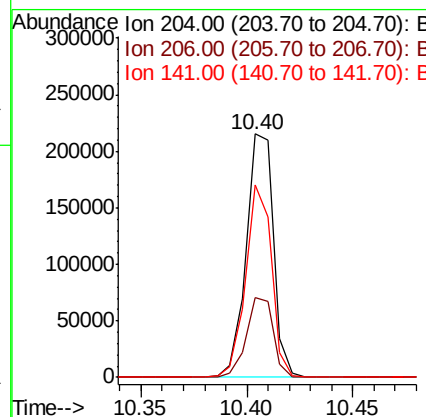
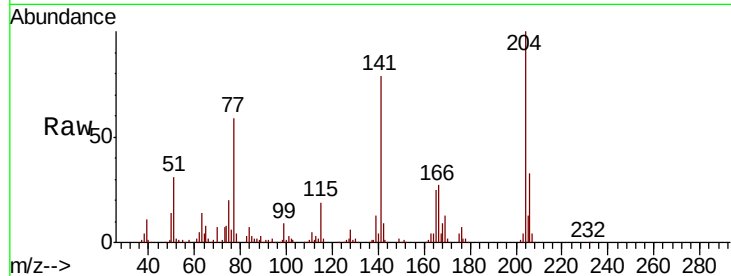
#61
4-Chlorophenyl-phenylether
Concen: 41.356 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion:	204	Resp:	192787
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.4	38.2
141	79.2	53.8	80.8

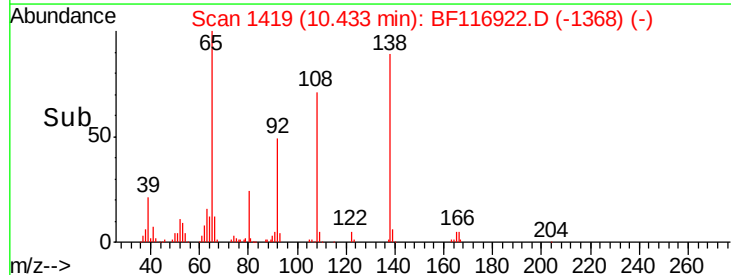
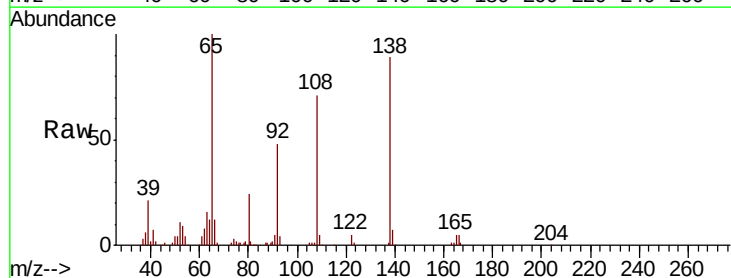
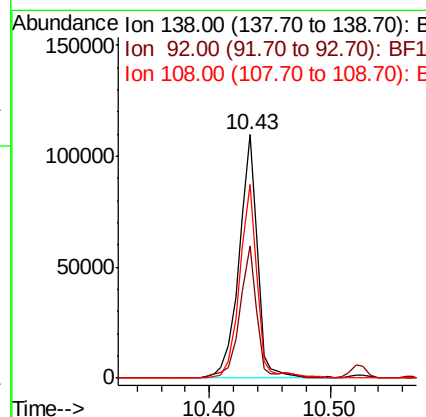
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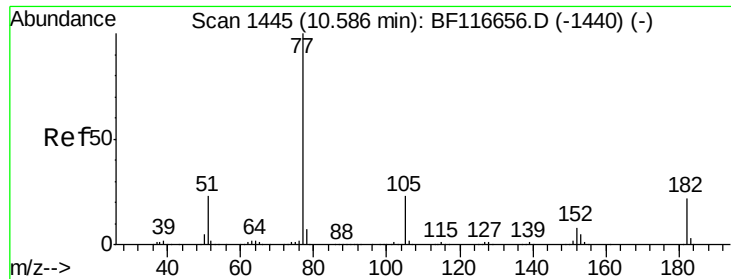
mohammad
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#62
4-Nitroaniline
Concen: 41.242 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion:	138	Resp:	117302
Ion Ratio	Lower	Upper	
138	100		
92	54.2	28.7	68.7
108	79.5	60.4	100.4





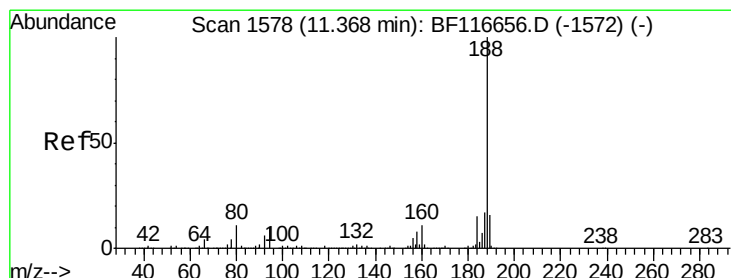
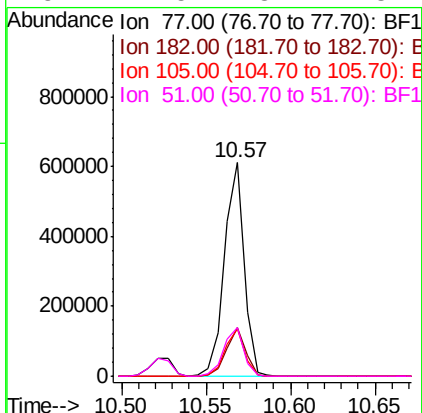
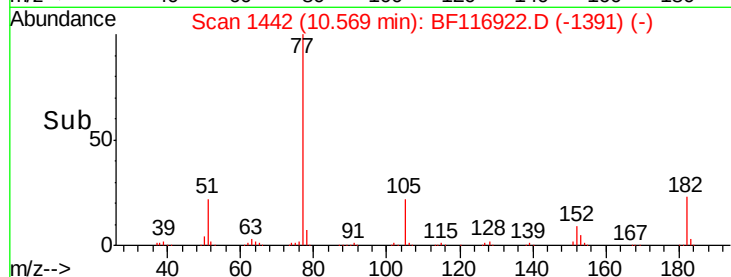
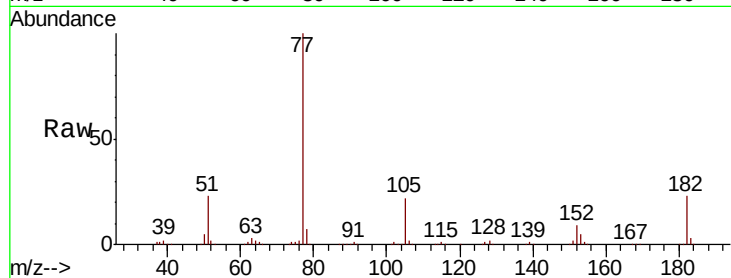
#63
Azobenzene
Concen: 38.780 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		496492		
182	22.6	1.2	41.2		
105	22.1	0.6	40.6		
51	22.5	8.2	48.2		

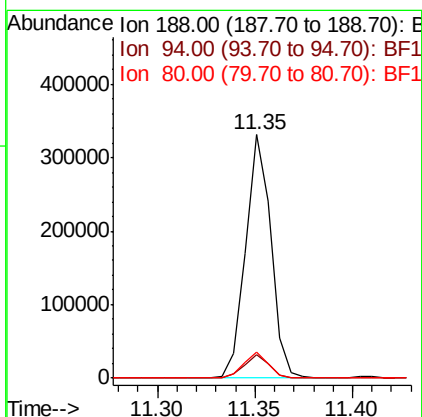
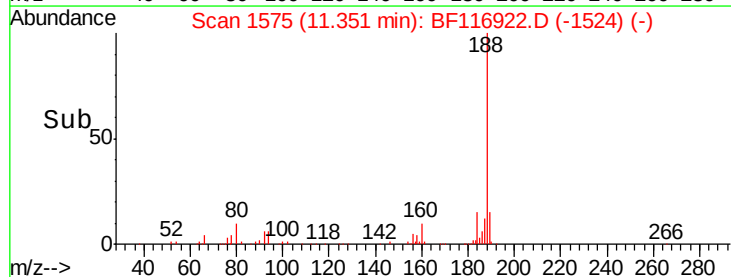
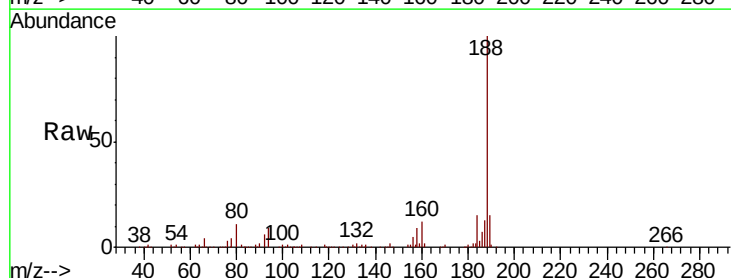
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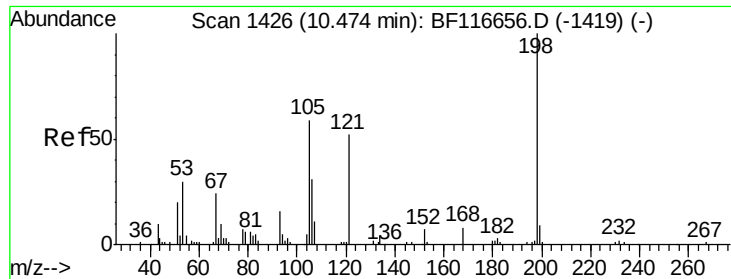
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298439		
94	9.4	7.3	10.9		
80	10.8	8.4	12.6		





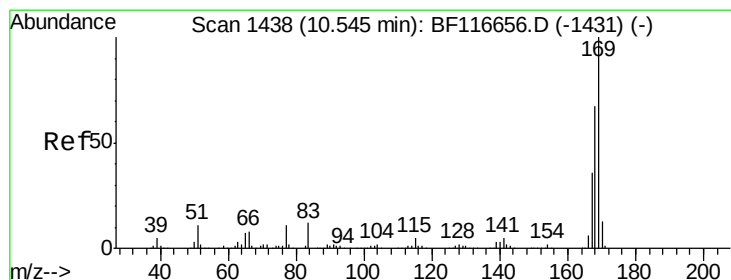
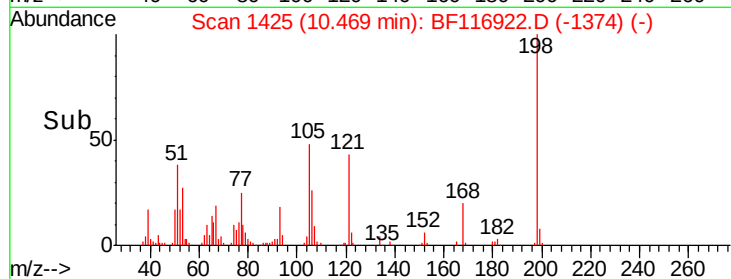
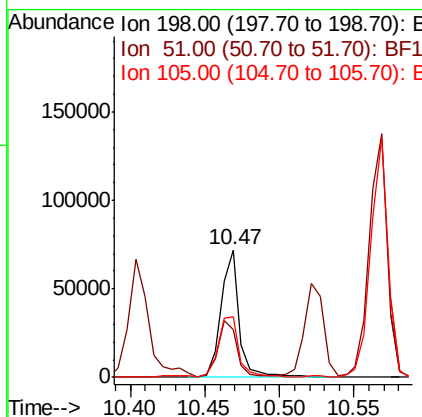
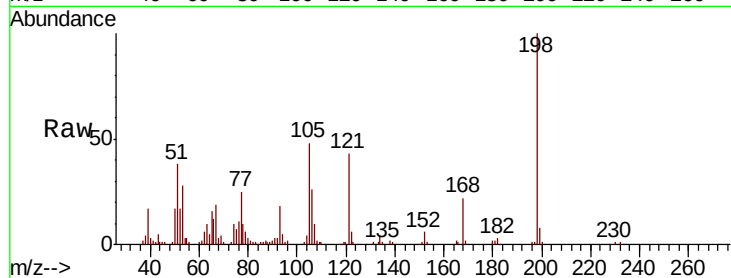
#65
4,6-Dinitro-2-methylphenol
Concen: 54.844 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	61663		
51	37.5	18.4	58.4	
105	48.0	22.9	62.9	

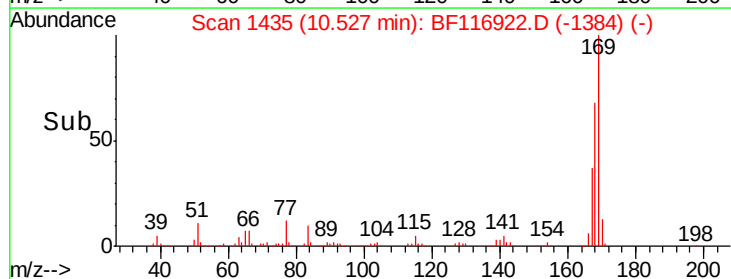
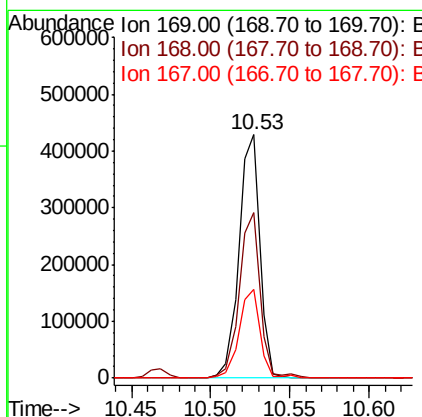
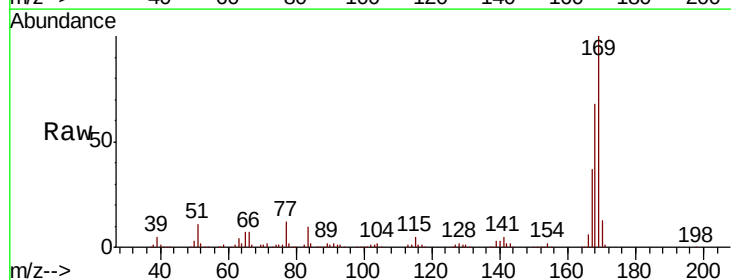
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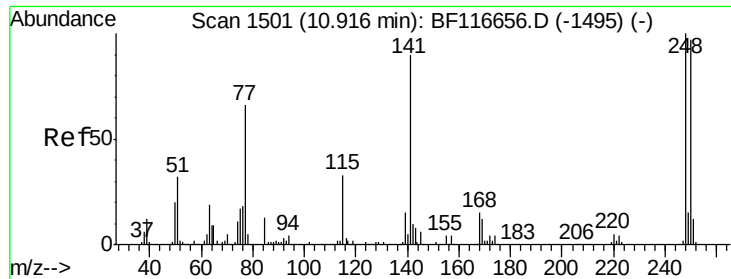
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#66
n-Nitrosodiphenylamine
Concen: 37.960 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	391895		
168	68.0	55.8	83.6	
167	36.7	29.4	44.2	





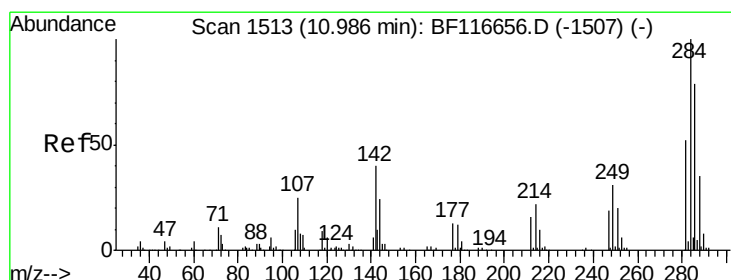
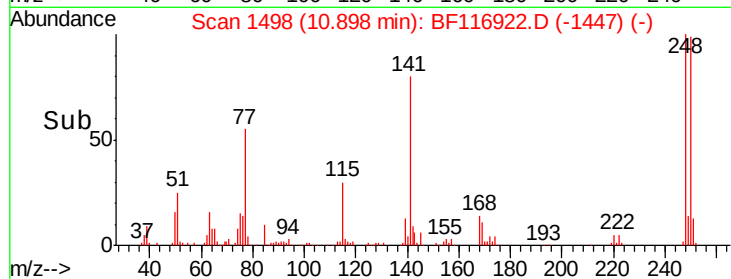
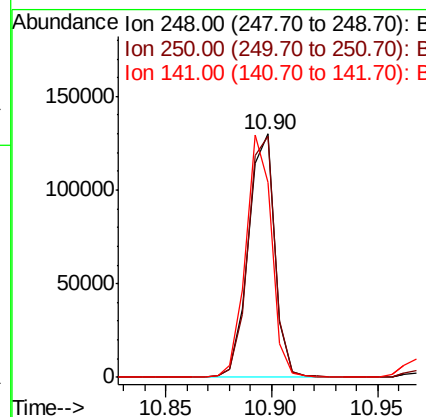
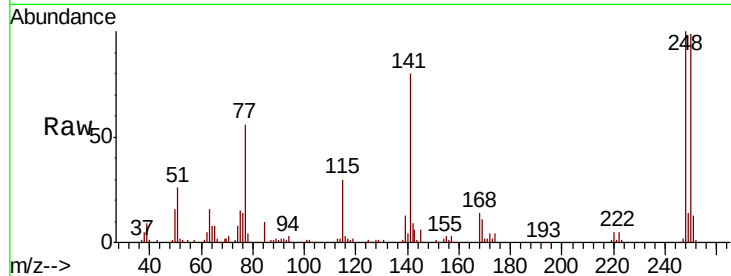
#67
 4-Bromophenyl-phenylether
 Concen: 37.245 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion:	248	Resp:	112917
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.8	116.8
141	80.1	75.9	113.9

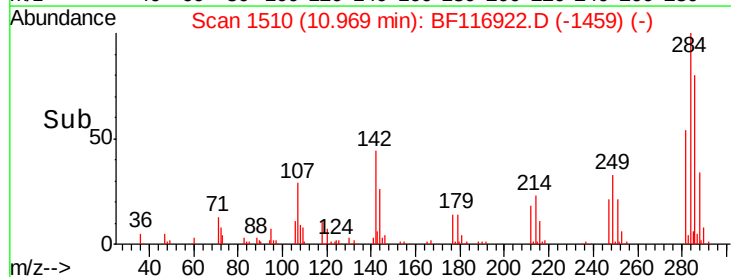
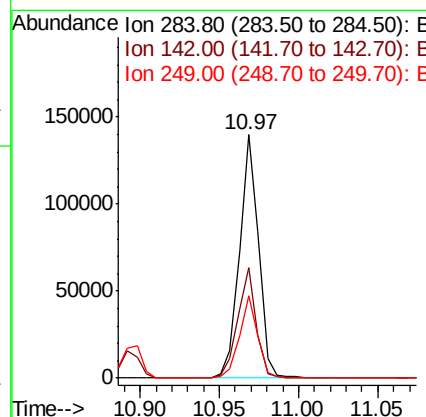
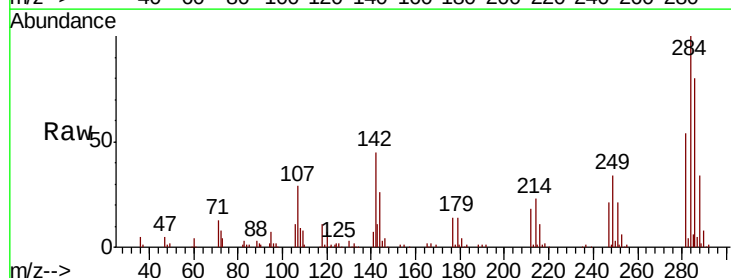
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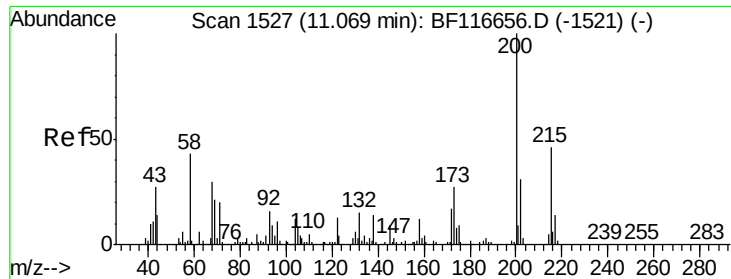
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#68
 Hexachlorobenzene
 Concen: 37.078 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion:	284	Resp:	117610
Ion Ratio	Lower	Upper	
284	100		
142	45.4	34.0	51.0
249	33.9	26.4	39.6





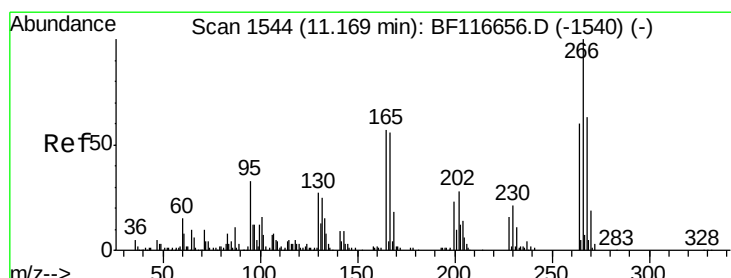
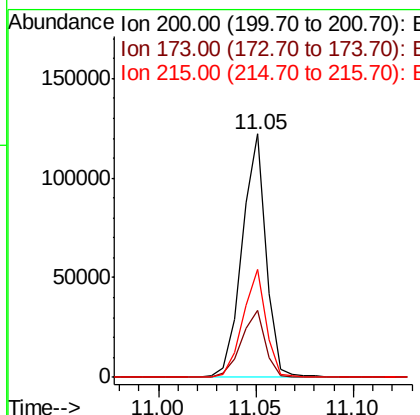
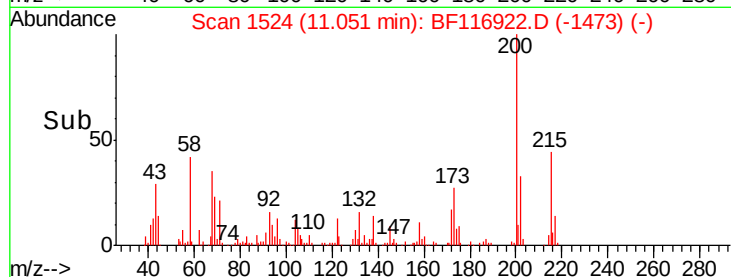
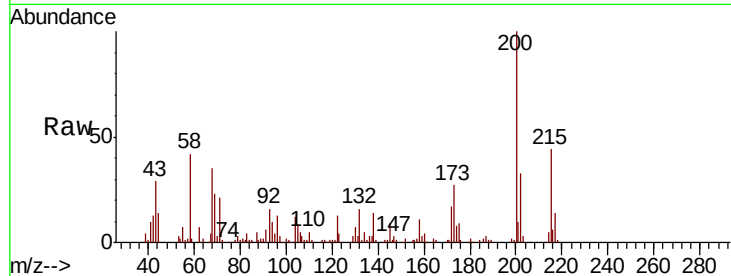
#69
Atrazine
Concen: 35.948 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	103943		
173	27.3	6.2	46.2	
215	44.1	24.3	64.3	

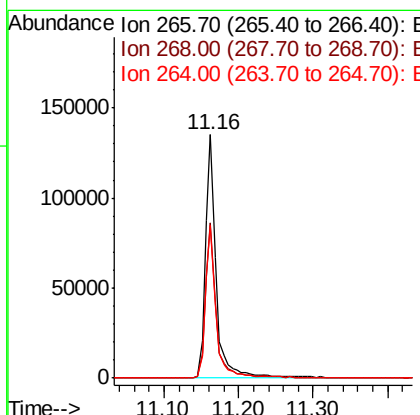
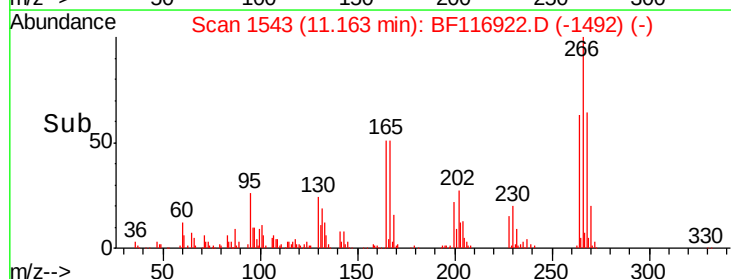
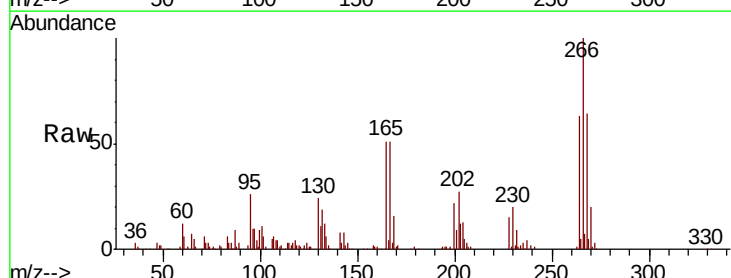
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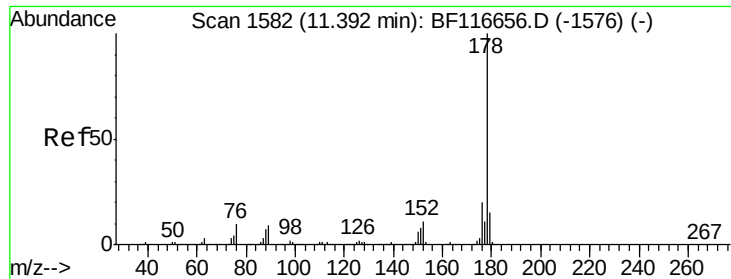
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#70
Pentachlorophenol
Concen: 89.103 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	136723		
268	64.0	51.2	76.8	
264	62.9	51.9	77.9	





#71

Phenanthrene

Concen: 37.958 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

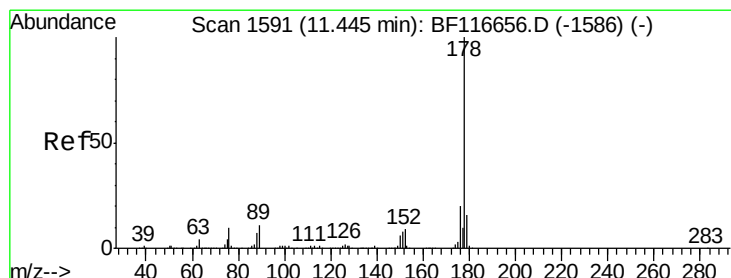
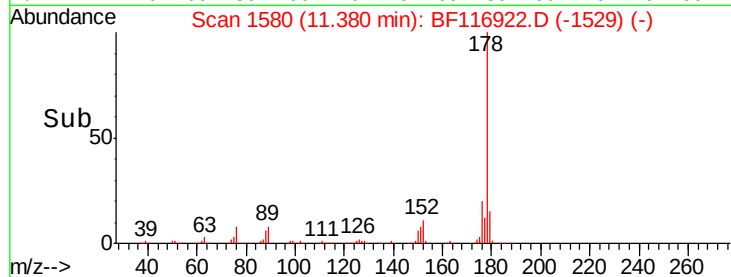
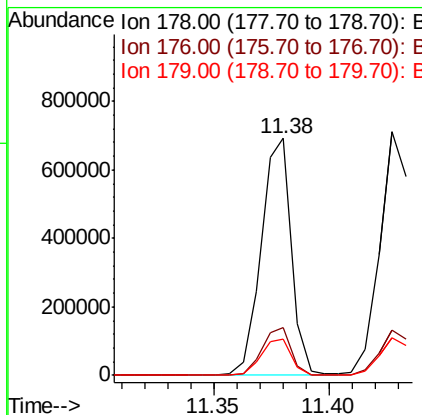
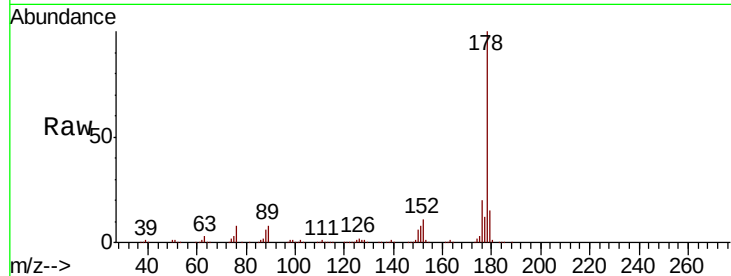
ClientSampleId :

PB122853BSD

Tot Ion:	178	Resp:	630595
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.0
179	15.4	12.2	18.2

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#72

Anthracene

Concen: 38.867 ng

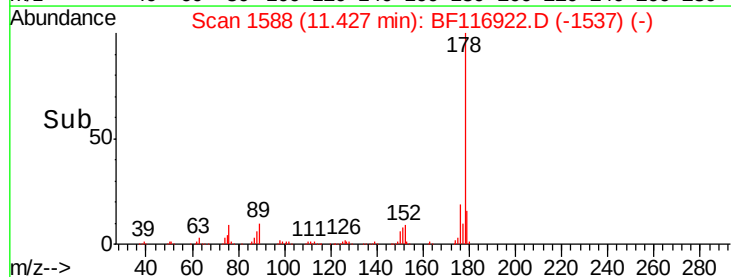
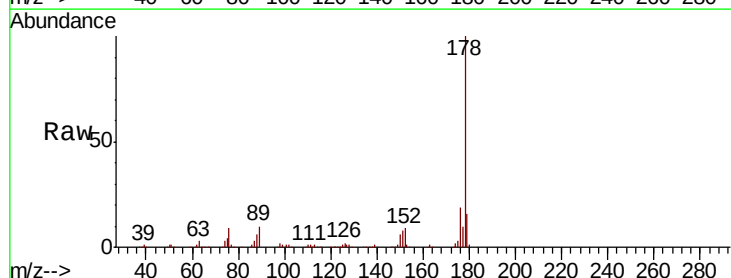
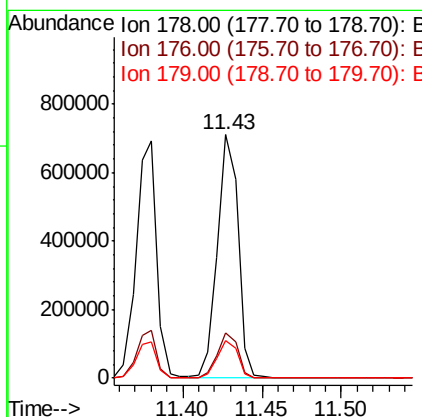
RT: 11.43 min Scan# 1588

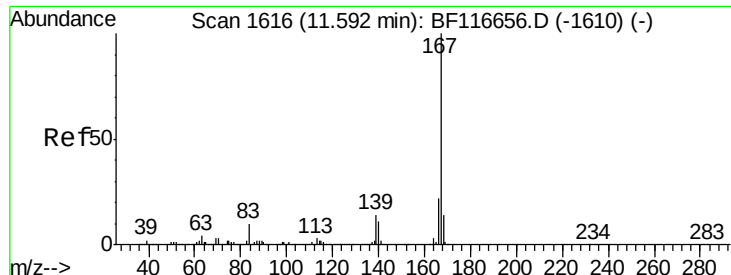
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	178	Resp:	649986
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.4	23.0
179	15.6	12.5	18.7





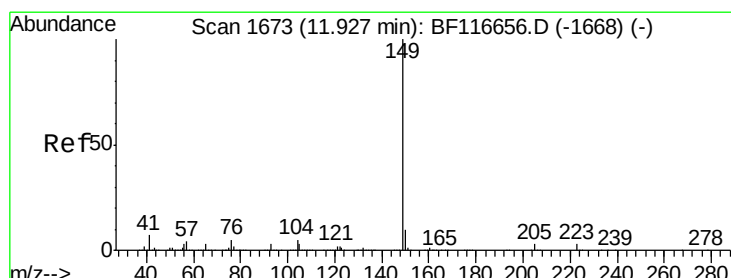
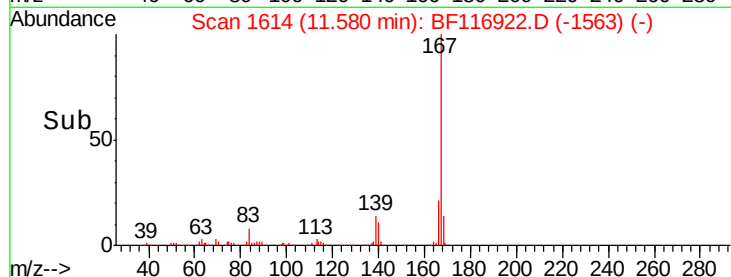
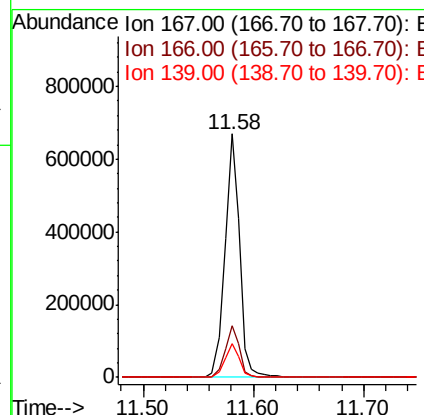
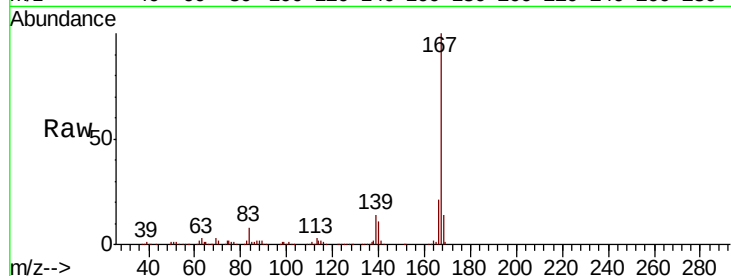
#73
 Carbazole
 Concen: 38.727 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	13.7	11.1	16.7

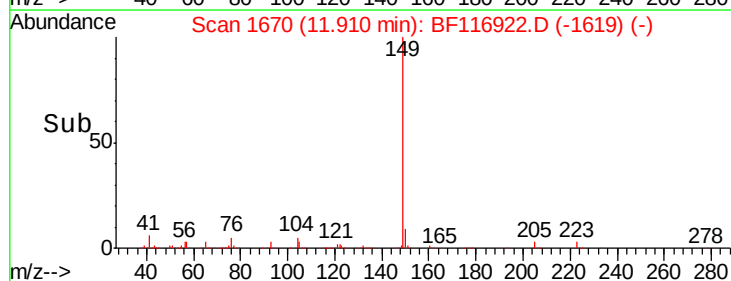
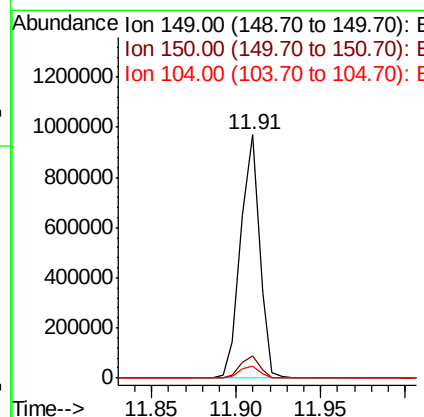
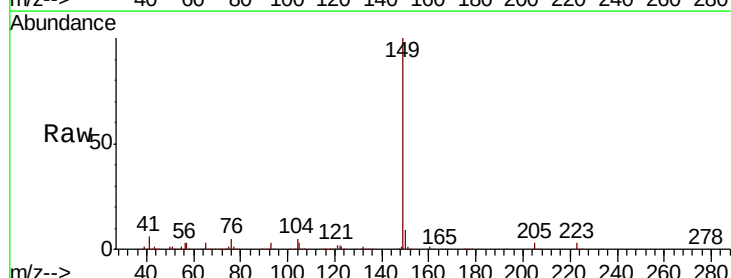
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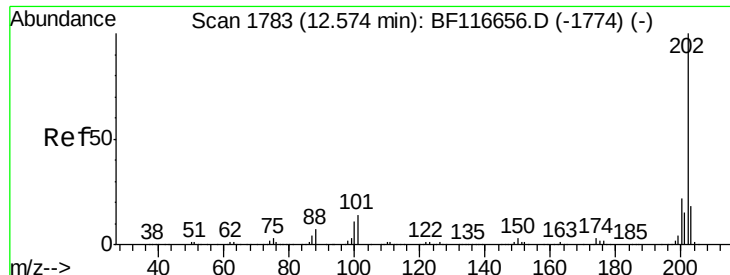
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#74
 Di-n-butylphthalate
 Concen: 37.306 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 39.069 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

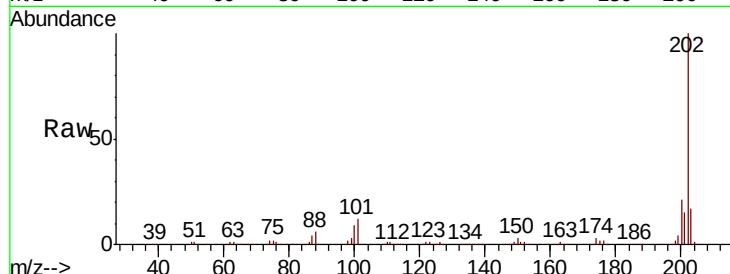
ClientSampleID :

PB122853BSD

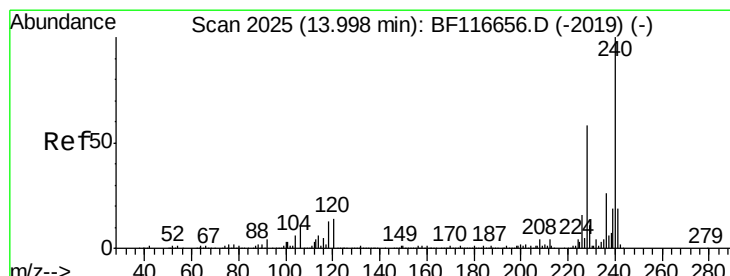
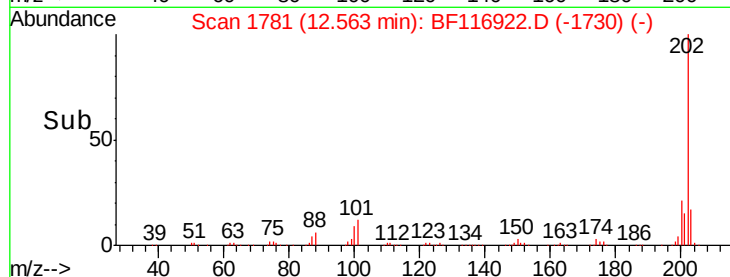
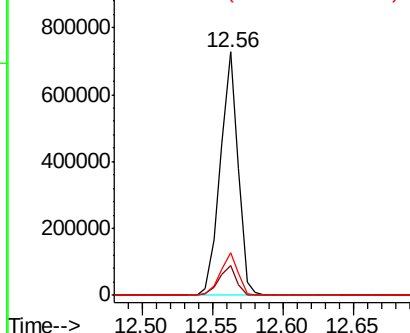
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	31.3
203	17.3	0.0	37.6

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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

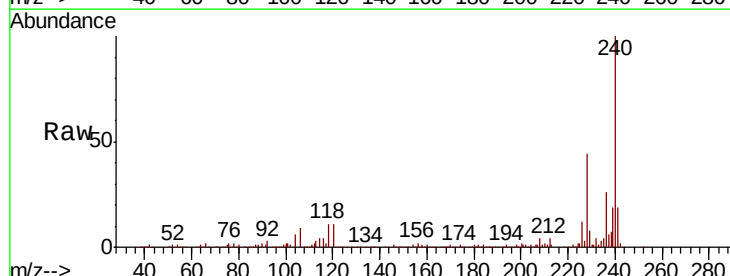
RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

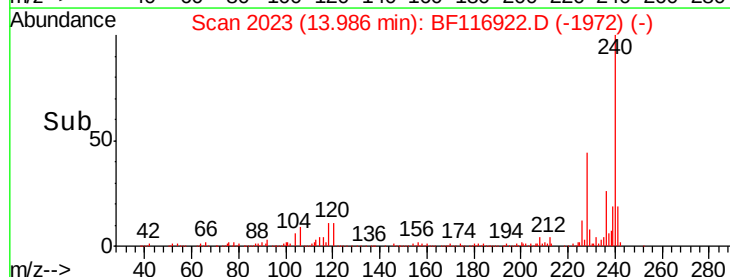
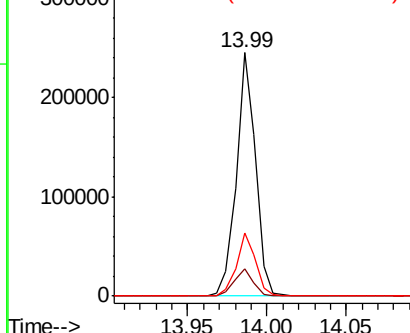
Lab File: BF116922.D

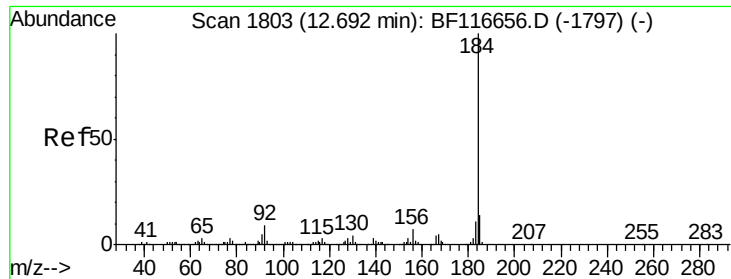
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.1	13.7
236	25.8	21.1	31.7



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: 13.638 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Instrument :

BNA_F

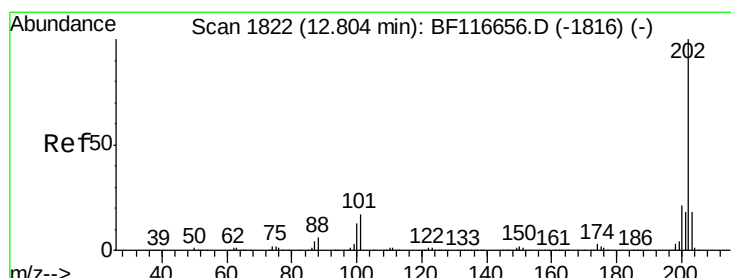
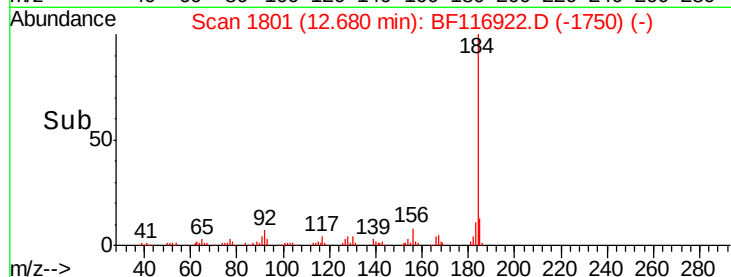
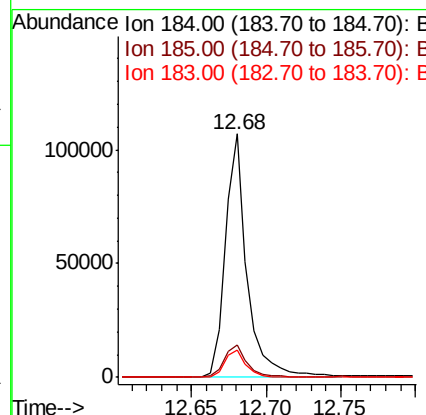
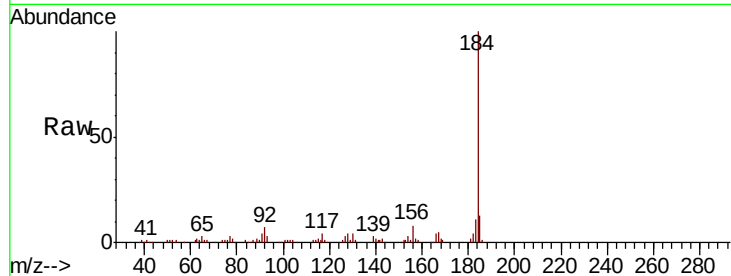
ClientSampleId :

PB122853BSD

Tot Ion:	184	Resp:	109594
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.3	16.9
183	11.3	9.2	13.8

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#78

Pyrene

Concen: 35.728 ng

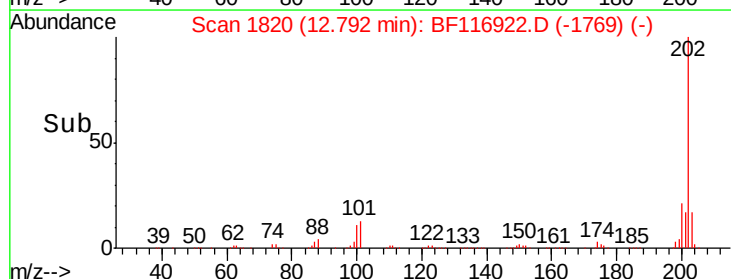
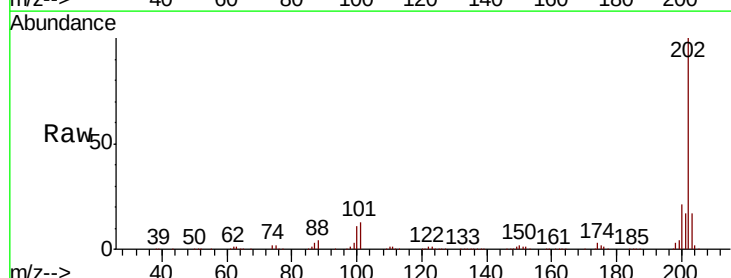
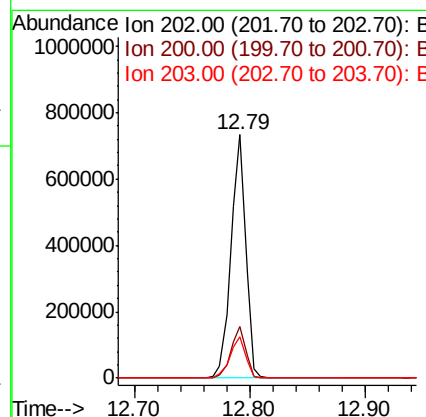
RT: 12.79 min Scan# 1820

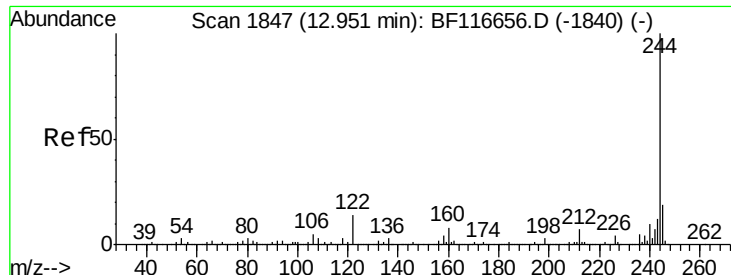
Delta R.T. 0.00 min

Lab File: BF116922.D

Acq: 10 Sep 2019 15:40

Tgt Ion:	202	Resp:	650703
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.5	24.7
203	17.3	13.7	20.5





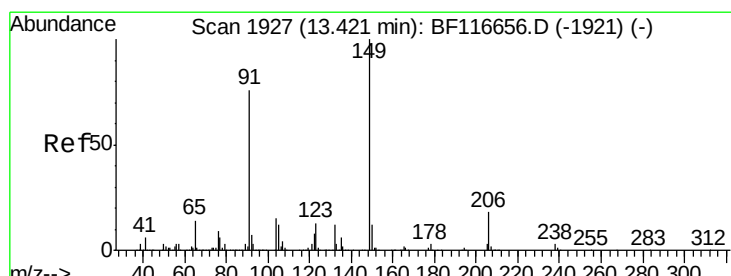
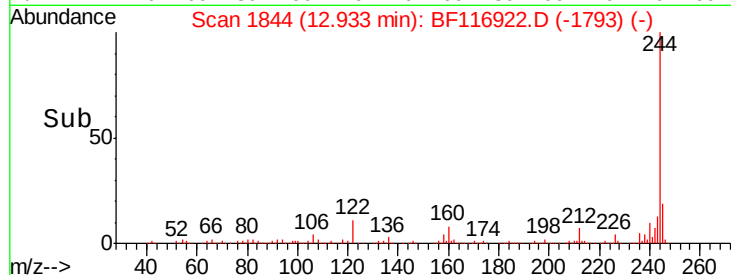
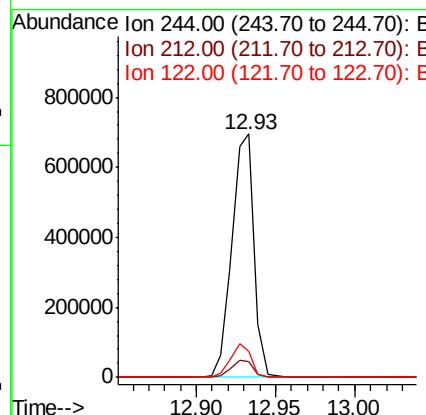
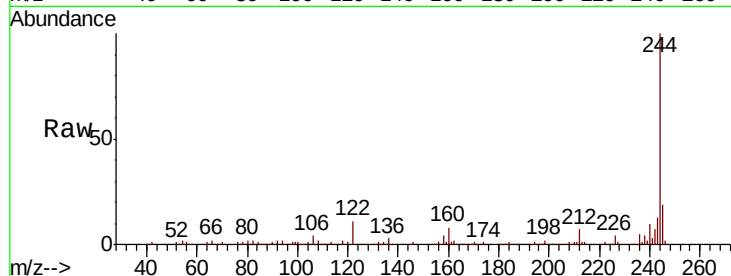
#79
 Terphenyl-d14
 Concen: 60.555 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	10.7	10.2	15.4

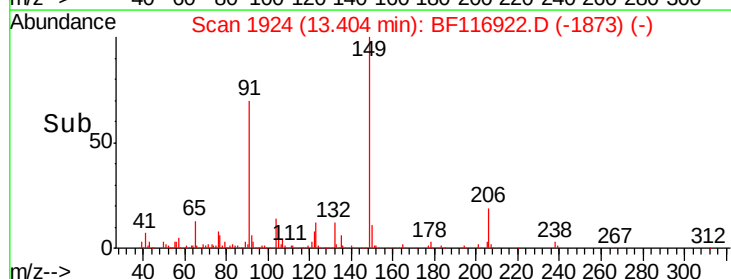
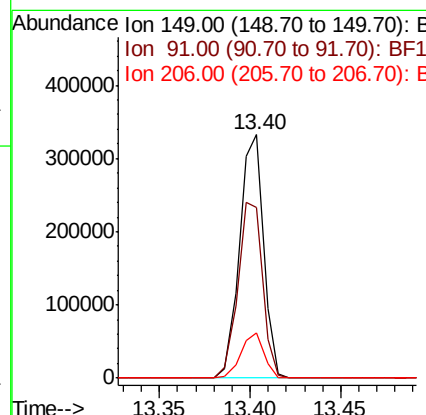
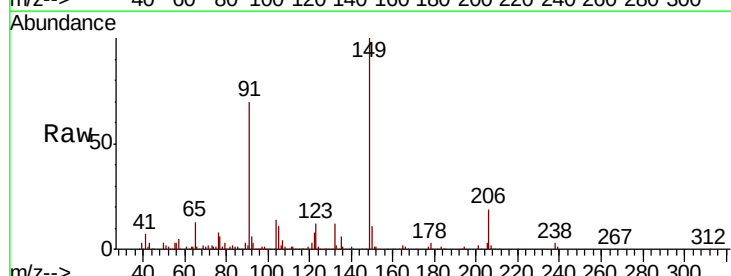
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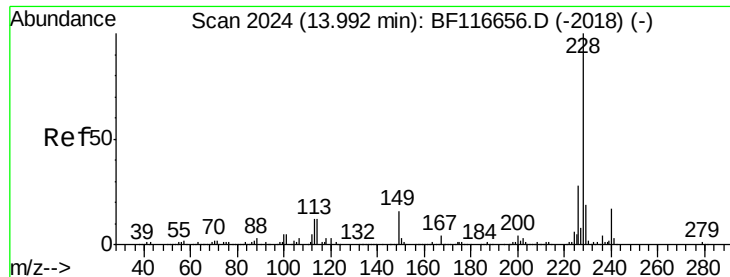
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#80
 Butylbenzylphthalate
 Concen: 34.654 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	61.0	91.4
206	18.7	14.8	22.2





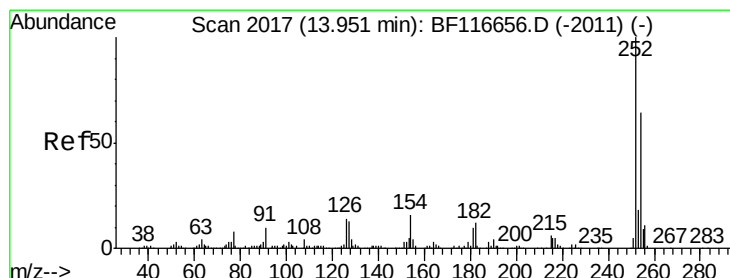
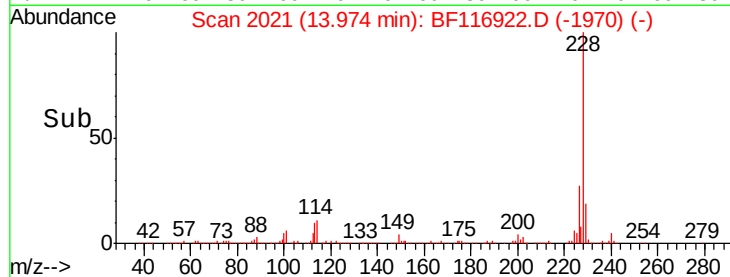
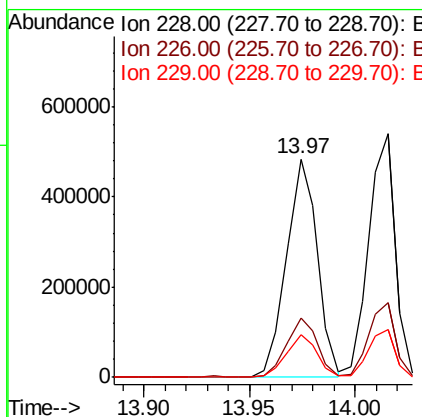
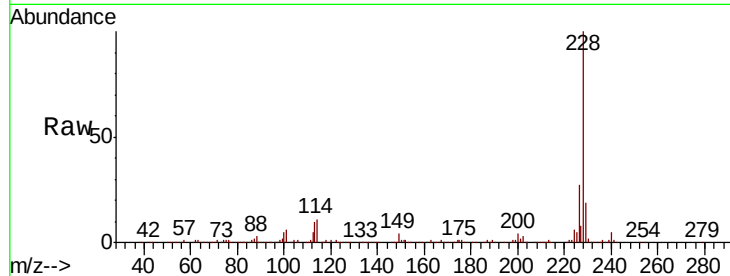
#81
Benzo(a)anthracene
Concen: 38.120 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.3	16.4	24.6

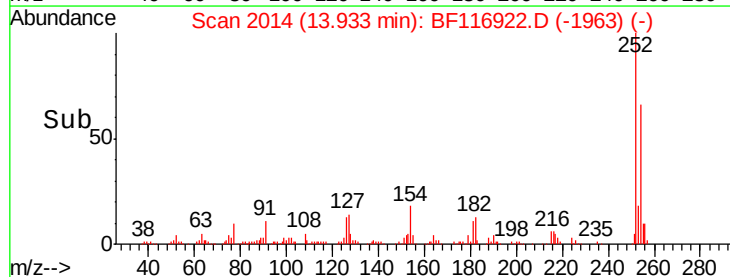
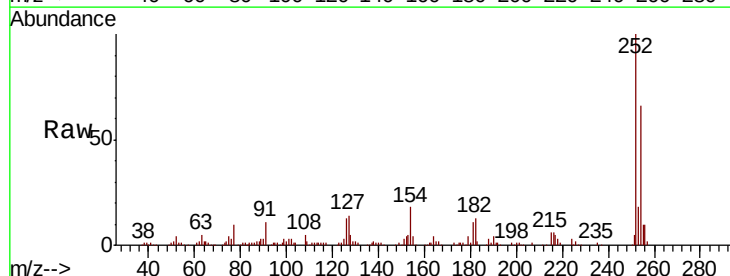
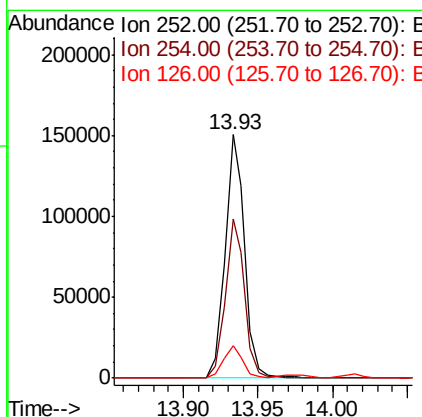
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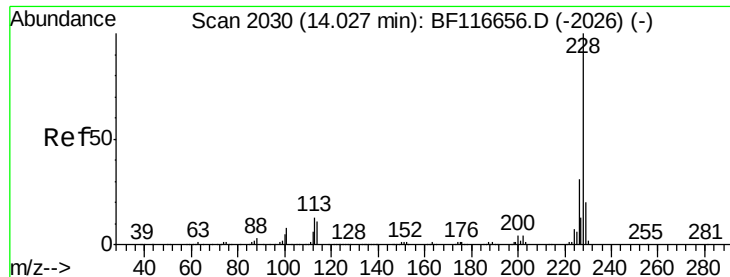
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#82
3,3'-Dichlorobenzidine
Concen: 31.571 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.1	75.1
126	13.5	10.6	16.0





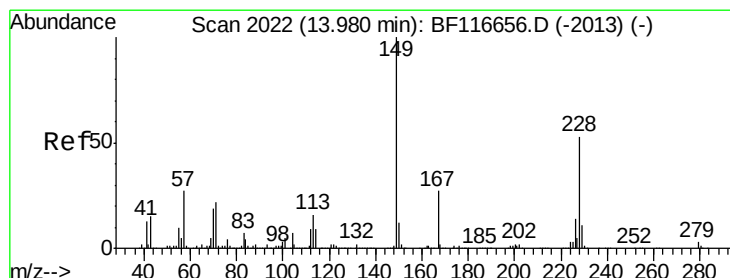
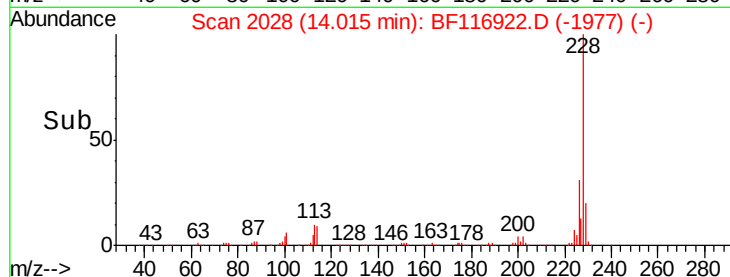
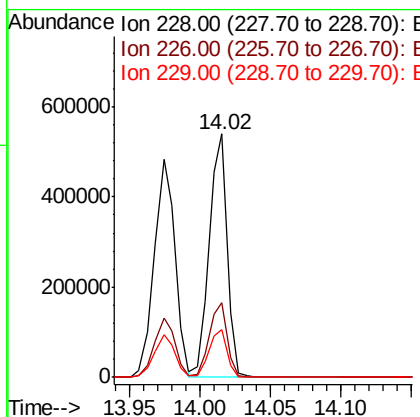
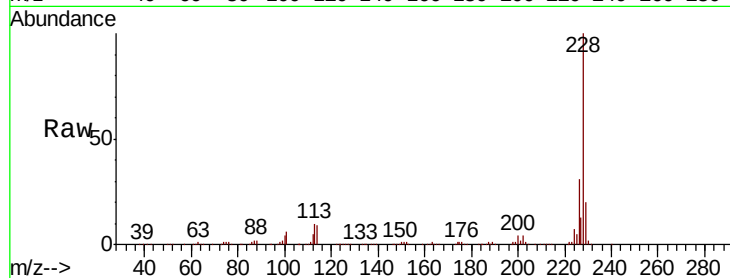
#83
 Chrysene
 Concen: 35.655 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.6	15.4	23.0

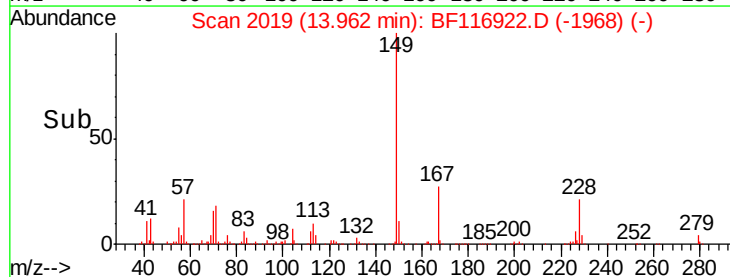
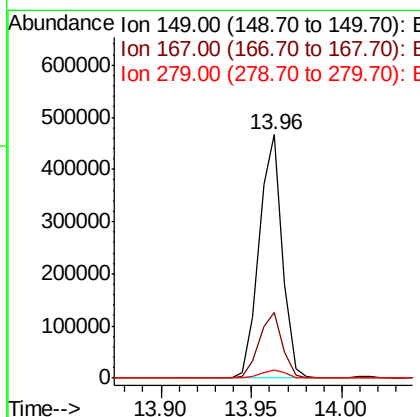
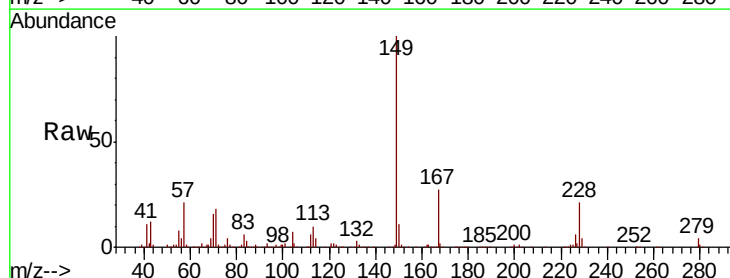
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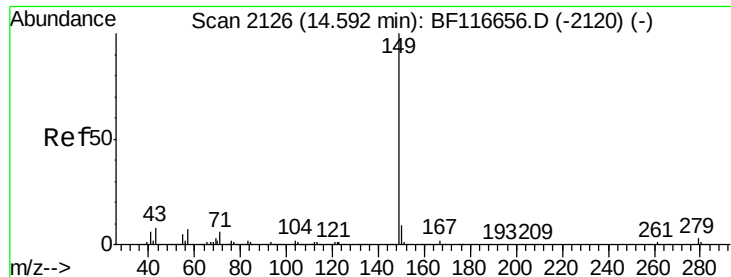
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.781 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116922.D
 Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	3.5	2.8	4.2





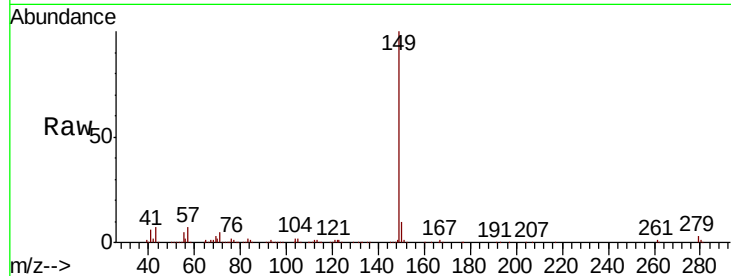
#85
Di-n-octyl phthalate
Concen: 36.280 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.4	7.8	11.8#

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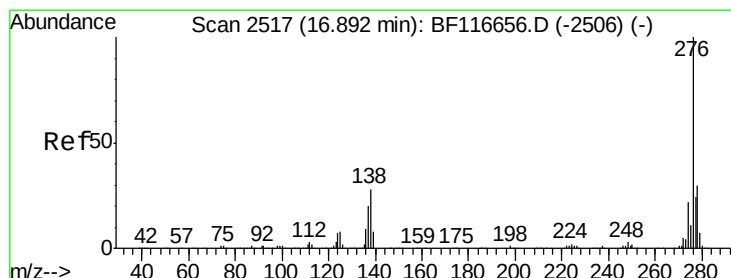
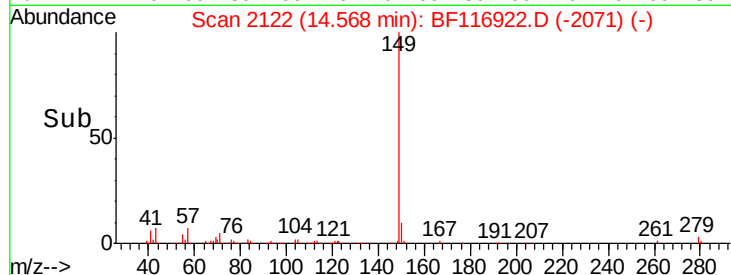
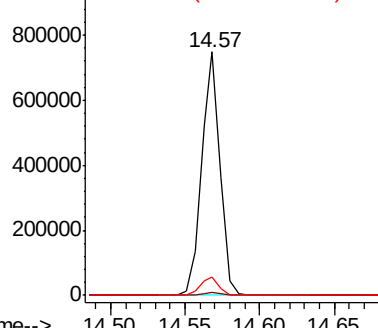


Abundance

Ion 149.00 (148.70 to 149.70): E

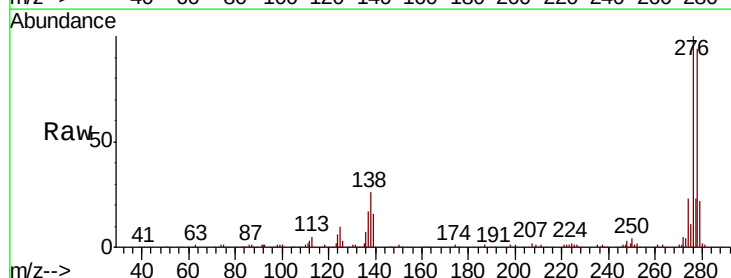
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.342 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.6	19.4	29.2
277	24.2	20.5	30.7

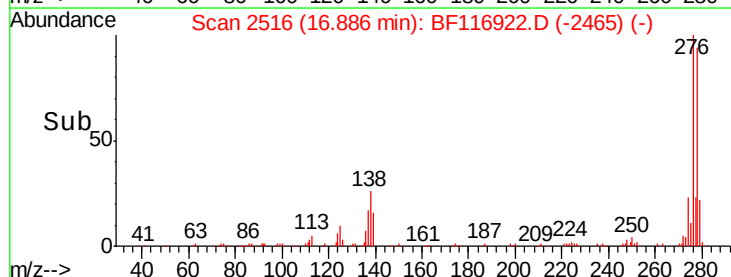
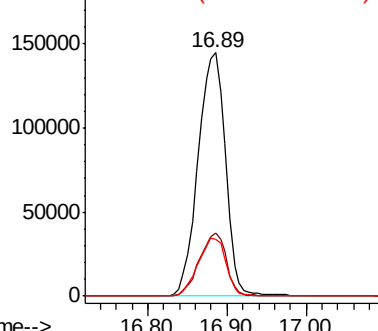


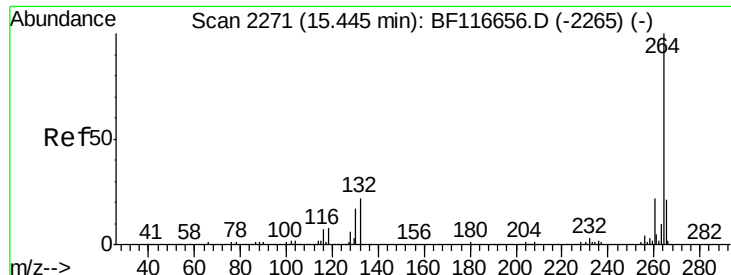
Abundance

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





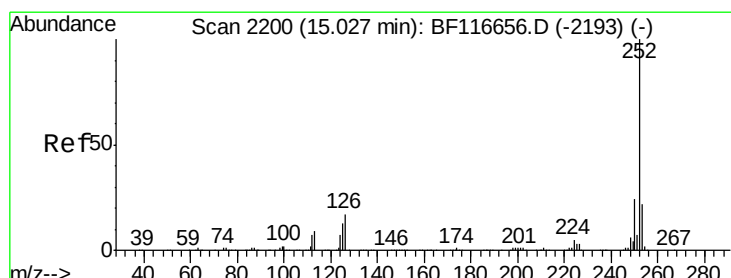
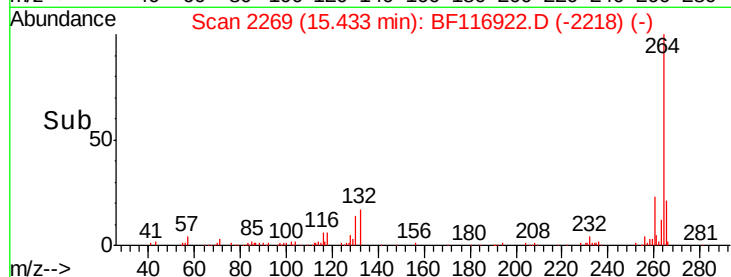
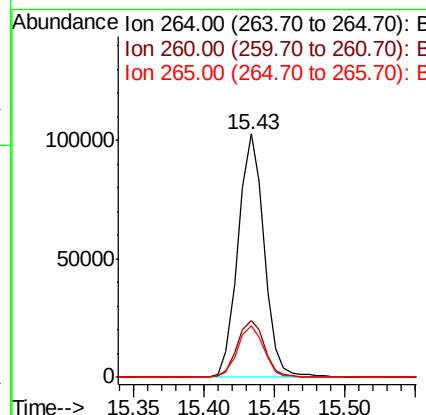
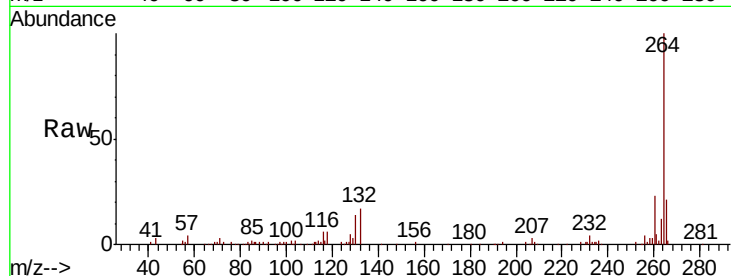
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampled :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.0	16.5	24.7

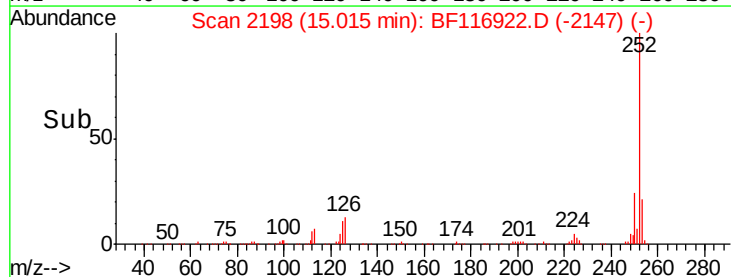
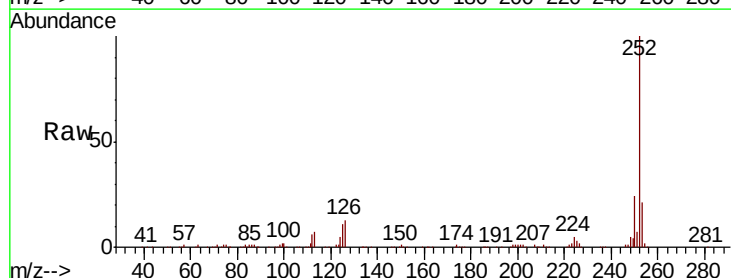
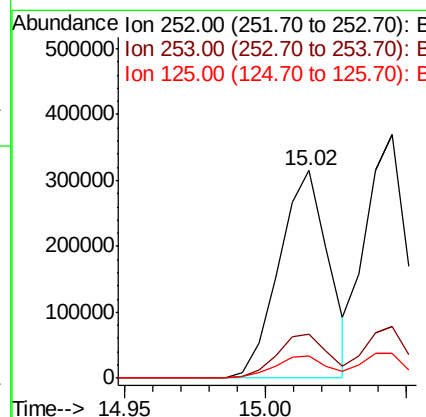
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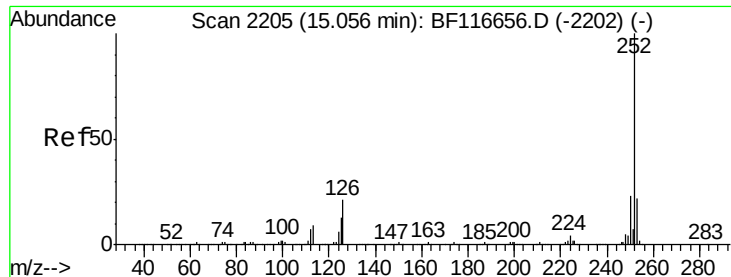
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#88
Benzo(b)fluoranthene
Concen: 47.951 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	10.7	8.2	12.2





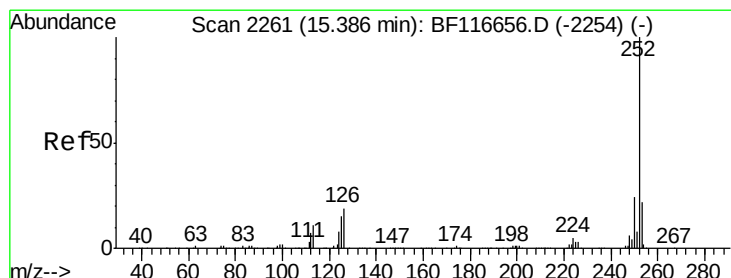
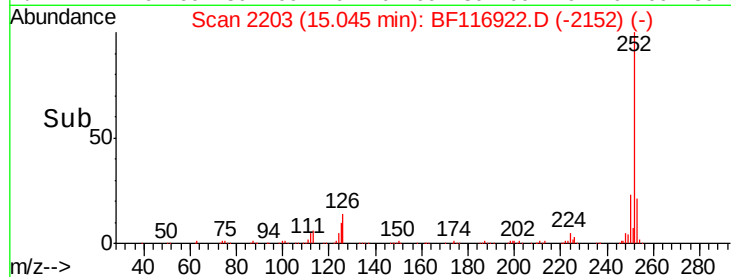
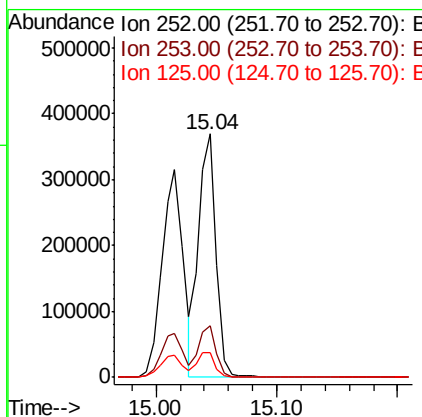
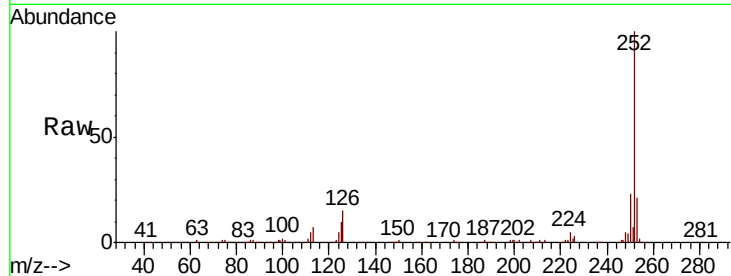
#89
Benzo(k)fluoranthene
Concen: 51.191 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.2	8.6	13.0

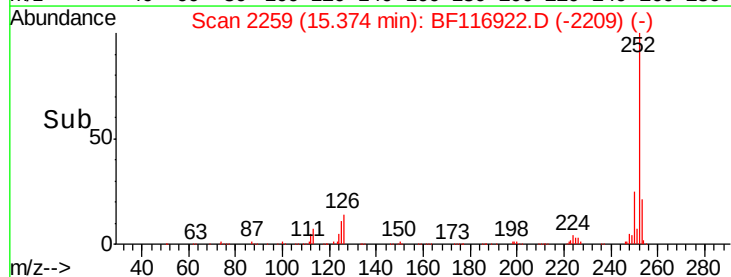
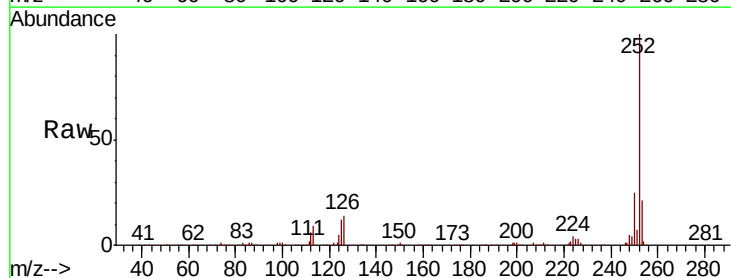
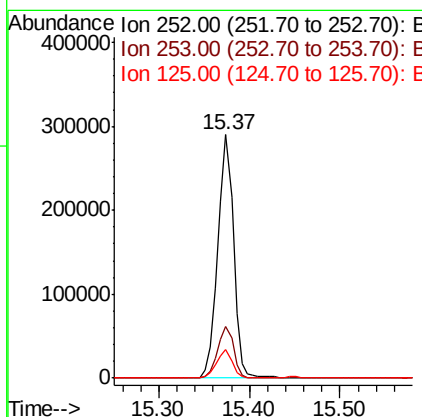
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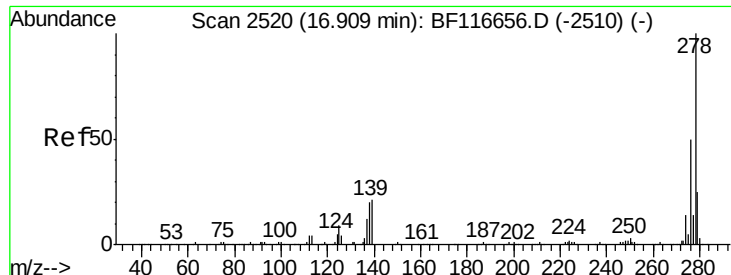
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#90
Benzo(a)pyrene
Concen: 50.067 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	11.7	9.8	14.8





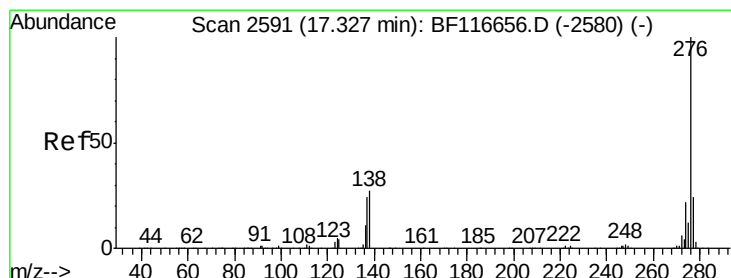
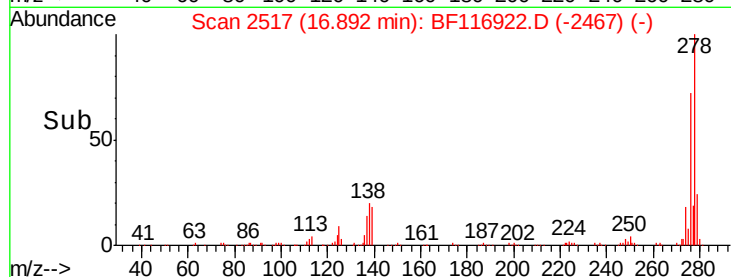
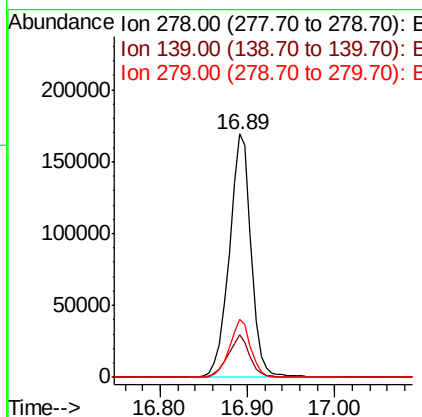
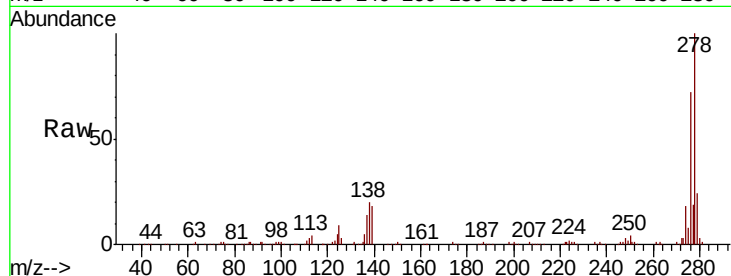
#91
Dibenzo(a,h)anthracene
Concen: 47.282 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Instrument :
BNA_F
ClientSampleId :
PB122853BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.4	18.6
279	23.7	18.2	27.4

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#92
Benzo(g,h,i)perylene
Concen: 46.785 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF116922.D
Acq: 10 Sep 2019 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	20.2	16.2	24.2

