

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116266.D
 Acq On : 14 Aug 2019 17:31
 Operator : HP/JU
 Sample : K4089-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:41:49 AM

Quant Time: Aug 14 18:42:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	165834	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	653415	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	349092	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	593159	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	412510	20.00	ng	-0.02
87) Perylene-d12	15.45	264	376234	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1035027	104.48	ng	0.00
7) Phenol-d6	6.47	99	1241255	99.31	ng	-0.01
23) Nitrobenzene-d5	7.39	82	947990	83.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	404921	119.64	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1622107	87.04	ng	-0.02
79) Terphenyl-d14	12.93	244	1765396	90.18	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	151932	30.359	ng	# 84
3) Pyridine	3.52	79	195477	13.983	ng	98
4) n-Nitrosodimethylamine	3.43	42	179820	32.595	ng	99
6) Aniline	6.50	93	130009	7.263	ng	# 61
8) 2-Chlorophenol	6.62	128	404433	36.921	ng	99
9) Benzaldehyde	6.39	77	97663	11.325	ng	99
10) Phenol	6.49	94	434796	29.542	ng	79
11) bis(2-Chloroethyl)ether	6.56	93	411863	38.062	ng	96
12) 1,3-Dichlorobenzene	6.77	146	415923	32.854	ng	98
13) 1,4-Dichlorobenzene	6.85	146	433296	34.183	ng	98
14) 1,2-Dichlorobenzene	7.00	146	392057	33.591	ng	98
15) Benzyl Alcohol	6.97	79	324583	34.221	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	527723	35.755	ng	73
17) 2-Methylphenol	7.09	107	341458	36.813	ng	97
18) Hexachloroethane	7.33	117	156625	33.561	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	290413	37.497	ng	98
20) 3+4-Methylphenols	7.25	107	421437	38.395	ng	99
22) Acetophenone	7.24	105	580801	40.530	ng	96
24) Nitrobenzene	7.41	77	484549	39.643	ng	100
25) Isophorone	7.65	82	873274	40.345	ng	100
26) 2-Nitrophenol	7.73	139	229427	39.820	ng	97
27) 2,4-Dimethylphenol	7.77	122	379128	43.738	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	540014	40.251	ng	100
29) 2,4-Dichlorophenol	7.97	162	374299	40.896	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	391717	37.546	ng	99
31) Naphthalene	8.13	128	1215737	39.538	ng	99
32) Benzoic acid	7.93	122	216634	35.448	ng	96
33) 4-Chloroaniline	8.20	127	64212	4.674	ng	98
34) Hexachlorobutadiene	8.25	225	218213	36.312	ng	99
35) Caprolactam	8.56	113	80872m	27.320	ng	
36) 4-Chloro-3-methylphenol	8.67	107	385734	40.512	ng	97
37) 2-Methylnaphthalene	8.82	142	809715	39.985	ng	99
38) 1-Methylnaphthalene	8.92	142	757532	39.542	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	378064	40.510	ng	100

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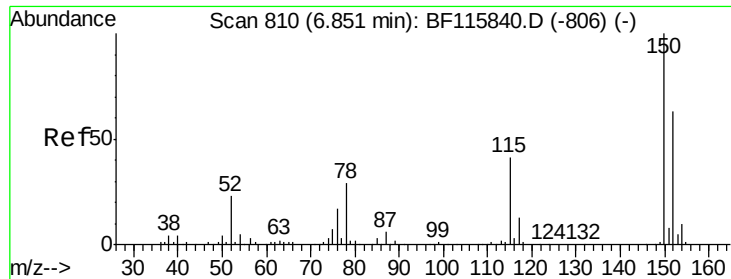
Manual Integrations
 APPROVED

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	208014	51.896	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	243333	37.880	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	254340	38.303	nq	97
46) 1,1'-Biphenyl	9.28	154	1009504	40.961	nq	99
47) 2-Chloronaphthalene	9.31	162	790665	38.545	nq	98
48) 2-Nitroaniline	9.41	65	234797	34.630	nq	92
49) Acenaphthylene	9.72	152	1176531	39.315	nq	99
50) Dimethylphthalate	9.58	163	994103	41.823	nq	100
51) 2,6-Dinitrotoluene	9.65	165	209476	40.553	nq #	88
52) Acenaphthene	9.89	154	716656	39.035	nq	99
53) 3-Nitroaniline	9.83	138	43021	6.740	nq	98
54) 2,4-Dinitrophenol	9.95	184	181798	70.252	nq	97
55) Dibenzofuran	10.07	168	1017321	38.103	nq	99
56) 4-Nitrophenol	10.00	139	235229	57.532	nq	94
57) 2,4-Dinitrotoluene	10.06	165	251063	36.505	nq	93
58) Fluorene	10.41	166	824353	40.131	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	232469	41.612	nq	99
60) Diethylphthalate	10.28	149	909855	41.000	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	421442	40.511	nq	99
62) 4-Nitroaniline	10.45	138	173549	26.311	nq	99
63) Azobenzene	10.56	77	933772	40.909	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	134248	42.709	nq	97
66) n-Nitrosodiphenylamine	10.52	169	719075	40.276	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	262250	41.301	nq	98
68) Hexachlorobenzene	10.96	284	289612	39.443	nq	98
69) Atrazine	11.05	200	196634	33.478	nq	98
70) Pentachlorophenol	11.16	266	267851	75.139	nq	99
71) Phenanthrene	11.37	178	1195108	39.412	nq	99
72) Anthracene	11.43	178	1261855	41.118	nq	99
73) Carbazole	11.58	167	1118973	40.190	nq	100
74) Di-n-butylphthalate	11.90	149	1405321	43.268	nq	100
75) Fluoranthene	12.56	202	1270558	40.023	nq	98
78) Pyrene	12.79	202	1298616	41.762	nq	99
80) Butylbenzylphthalate	13.39	149	607786	46.207	nq	94
81) Benzo(a)anthracene	13.98	228	1059720	40.192	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	70706	7.719	nq	99
83) Chrysene	14.02	228	1056979	41.292	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	851535	49.818	nq	99
85) Di-n-octyl phthalate	14.56	149	1323832	48.760	nq	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	851212	39.593	nq	100
88) Benzo(b)fluoranthene	15.03	252	893996	41.095	nq	99
89) Benzo(k)fluoranthene	15.06	252	900682	42.507	nq	100
90) Benzo(a)pyrene	15.39	252	829997	42.681	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	717591	42.630	nq	98
92) Benzo(g,h,i)perylene	17.36	276	705621	42.683	nq	98

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



#1

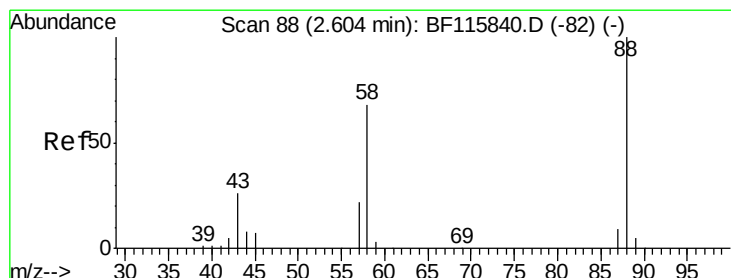
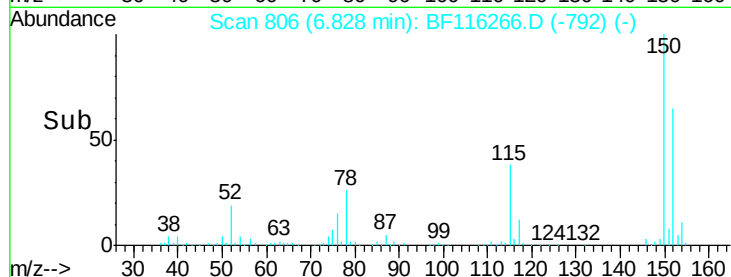
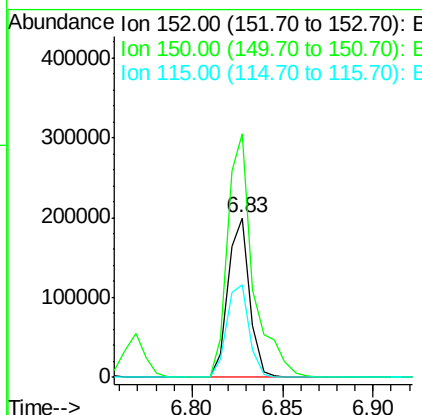
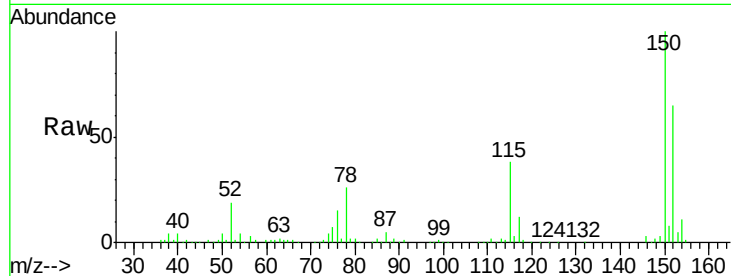
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Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	57.8	49.9	74.9

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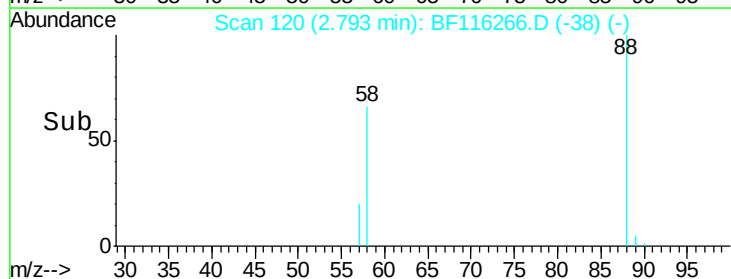
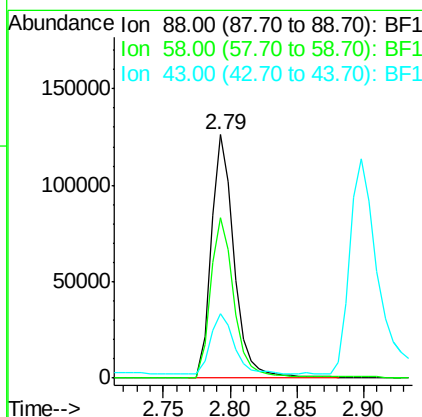
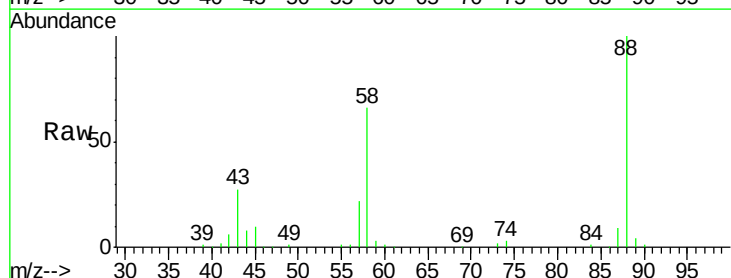
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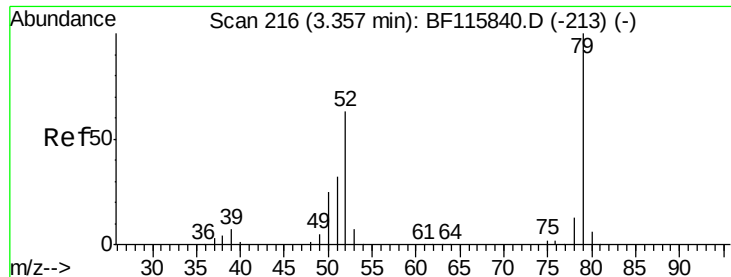


#2

1,4-Dioxane
Concen: 30.359 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.18 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	53.7	80.5
43	0.0	21.0	31.4





#3

Pvridine

Concen: 13.983 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.16 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

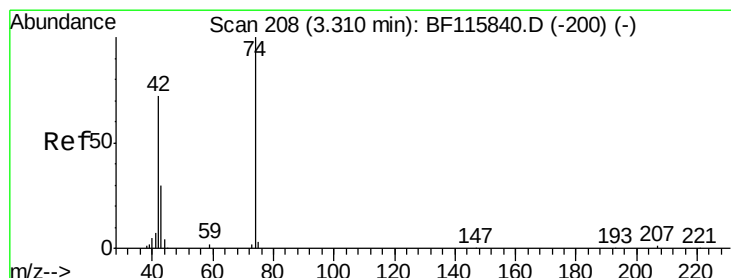
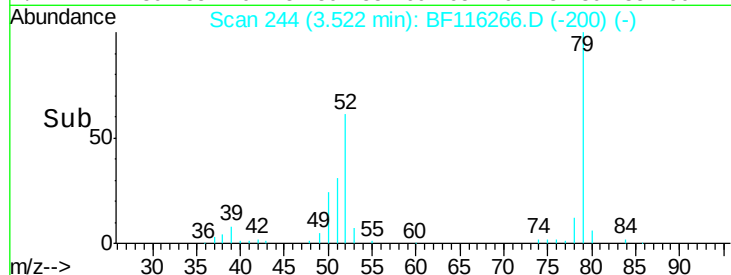
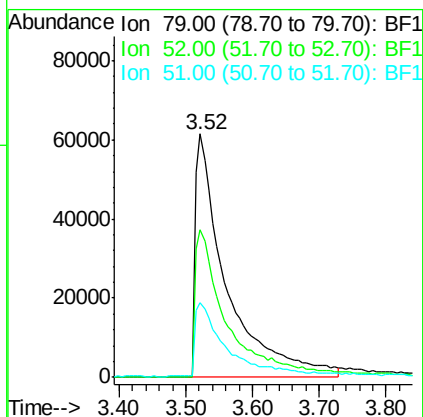
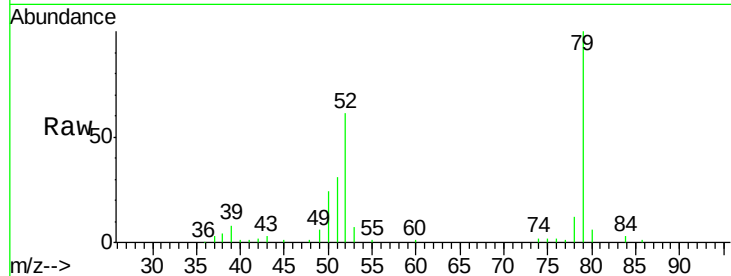
ClientSampleId :

OK-03-081219MS

Tot Ion:	79	Resp:	195477
Ion	Ratio	Lower	Upper
79	100		
52	60.5	49.8	74.8
51	30.9	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.595 ng

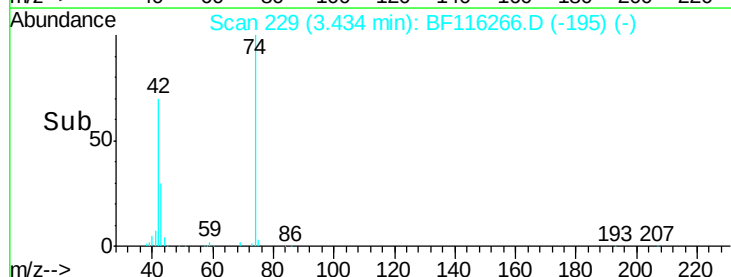
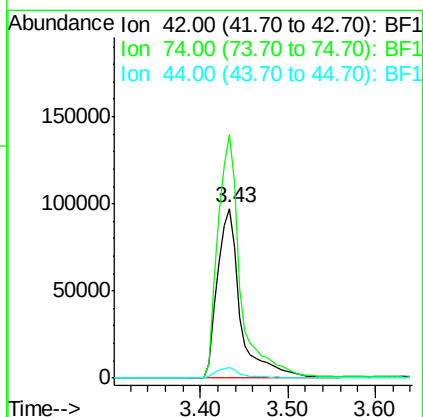
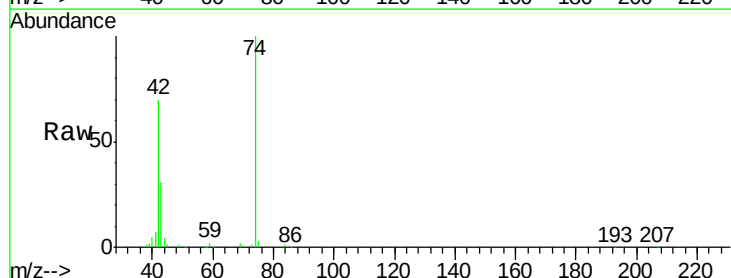
RT: 3.43 min Scan# 229

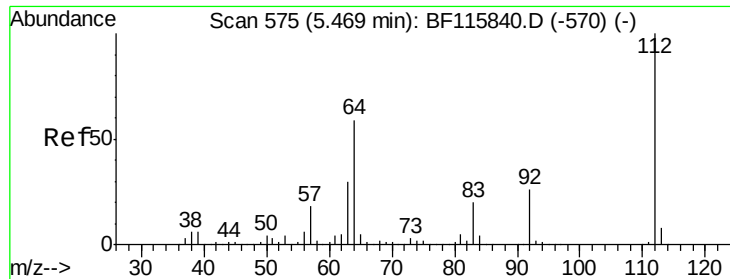
Delta R.T. 0.10 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Tgt Ion:	42	Resp:	179820
Ion	Ratio	Lower	Upper
42	100		
74	143.2	116.0	174.0
44	6.3	4.6	7.0





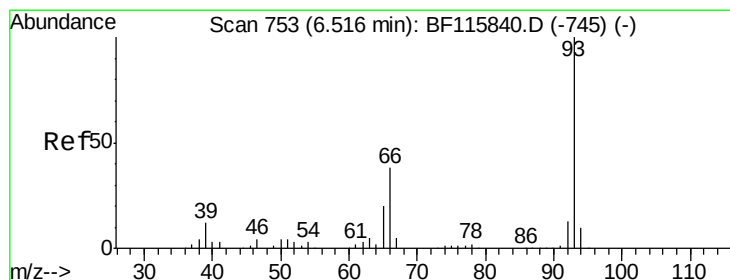
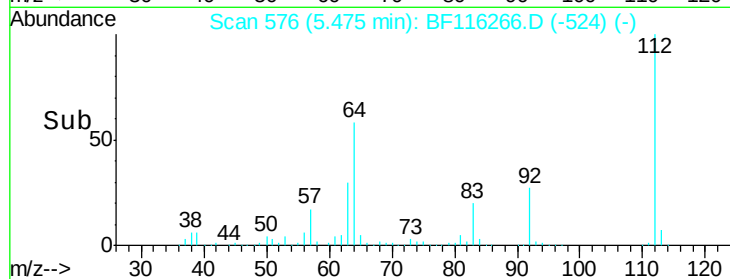
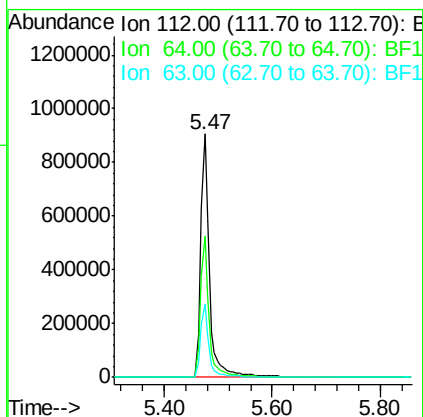
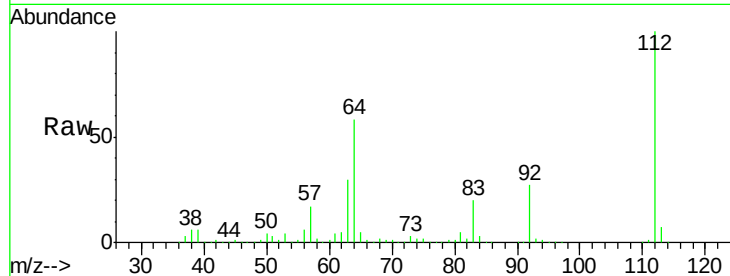
#5
2-Fluorophenol
Concen: 104.484 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.4	68.2
63	30.4	23.7	35.5

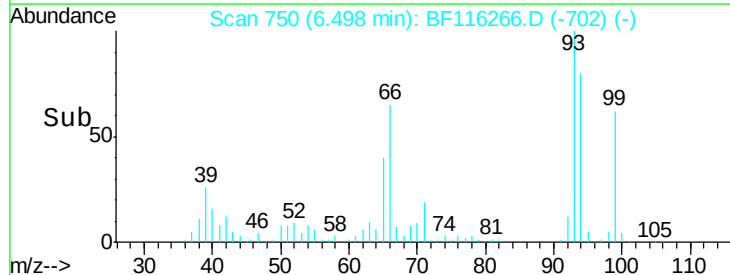
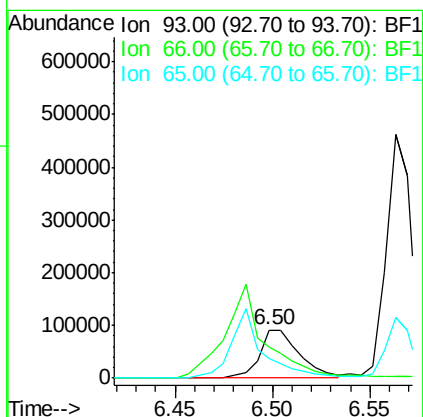
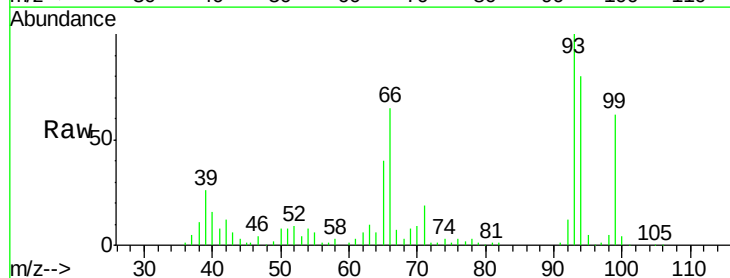
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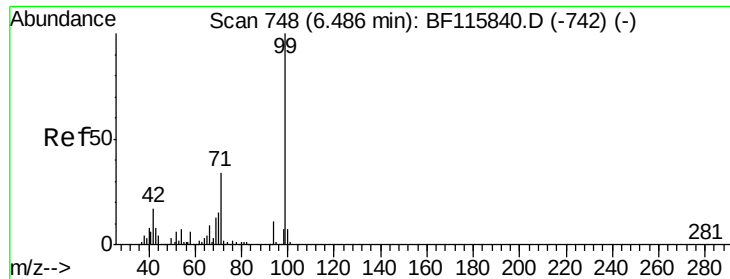
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#6
Aniline
Concen: 7.263 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	64.9	32.2	48.4#
65	39.7	17.0	25.6#





#7

Phenol-d6

Concen: 99.314 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MS

Tot Ion: 99 Resp: 1241255

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

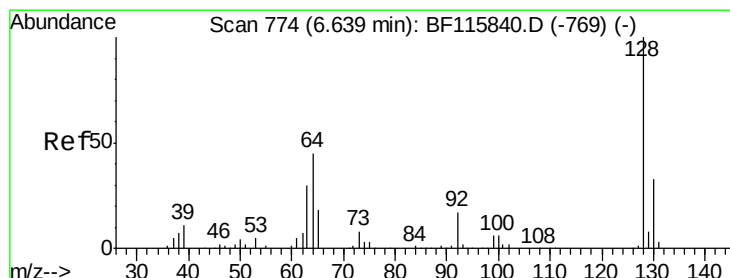
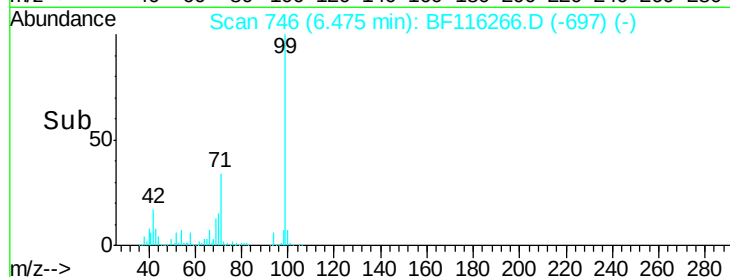
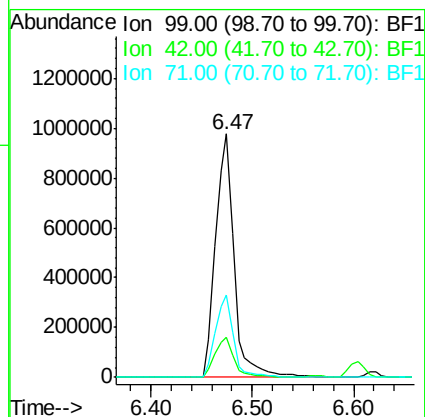
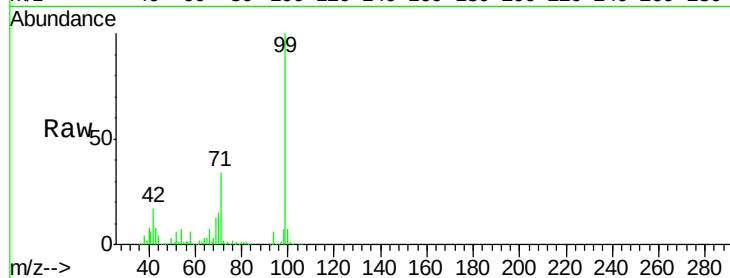
71 34.0 27.3 40.9

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#8

2-Chlorophenol

Concen: 36.921 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

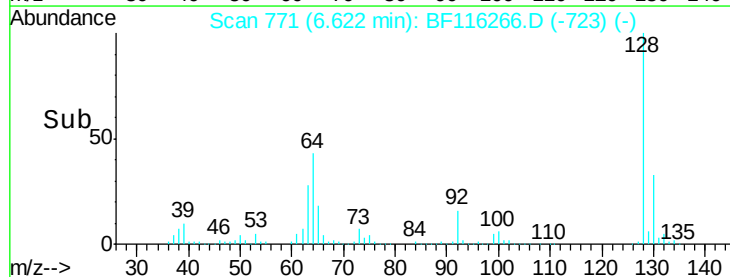
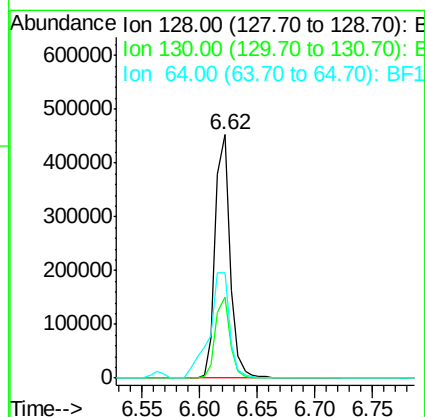
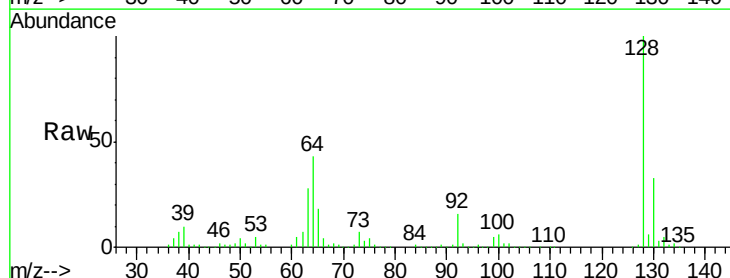
Tgt Ion: 128 Resp: 404433

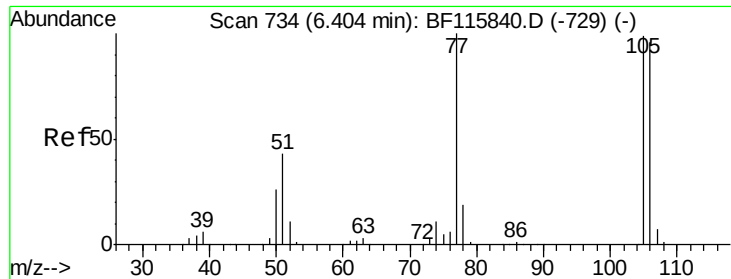
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 43.2 24.3 64.3





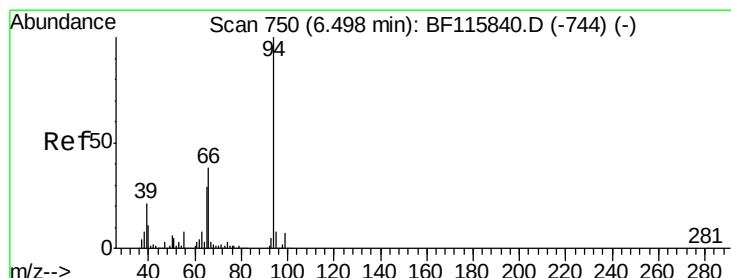
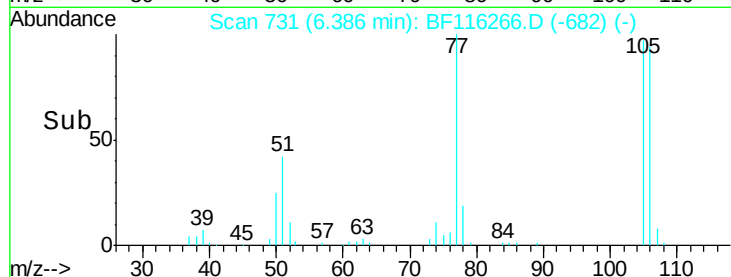
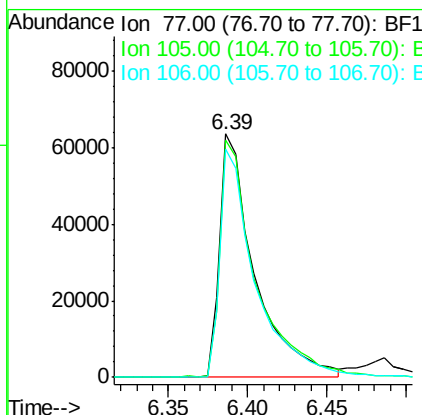
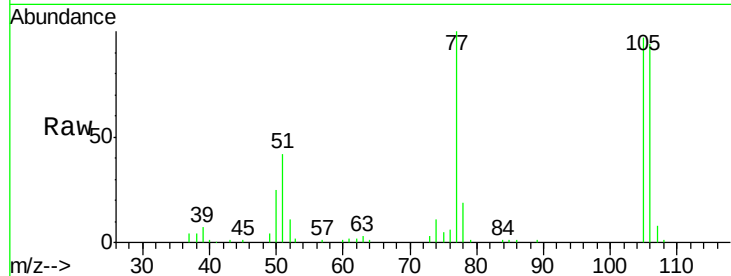
#9
Benzaldehyde
Concen: 11.325 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	79.2	119.2
106	93.9	74.3	114.3

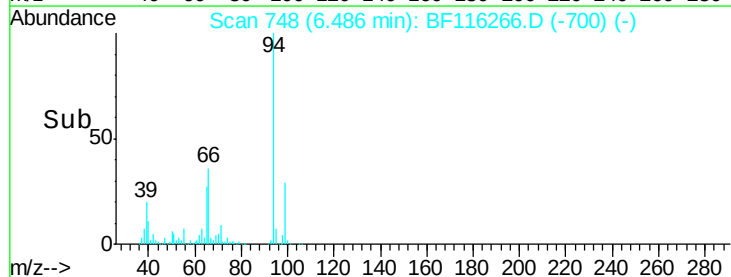
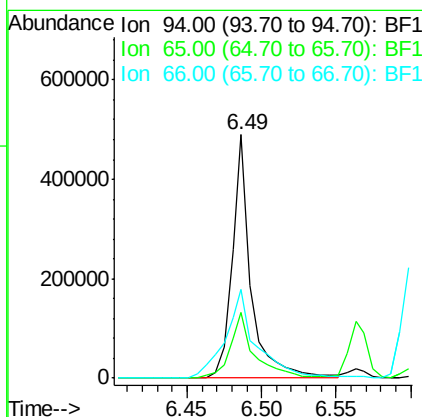
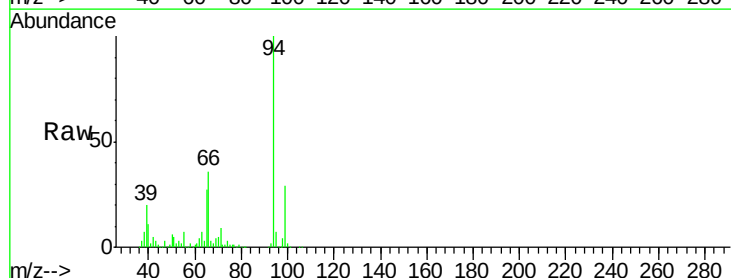
Manual Integrations
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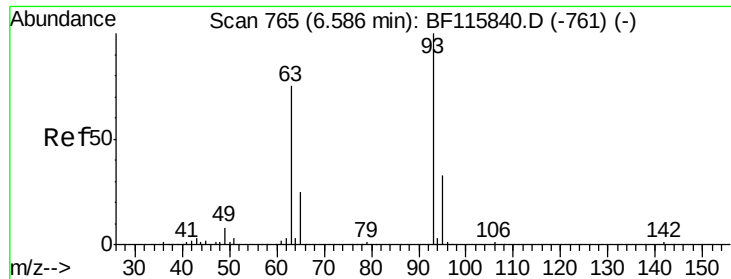
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#10
Phenol
Concen: 29.542 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	16.8	56.8
66	36.4	34.2	74.2





#11

bis(2-Chloroethyl)ether

Concen: 38.062 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

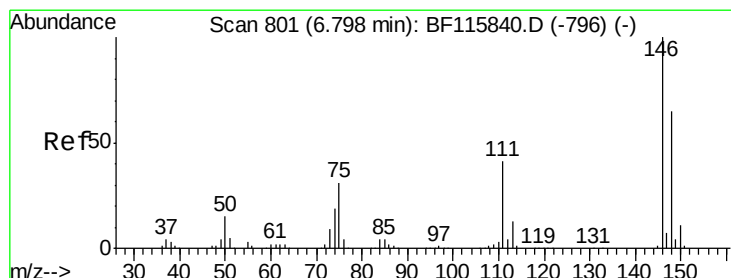
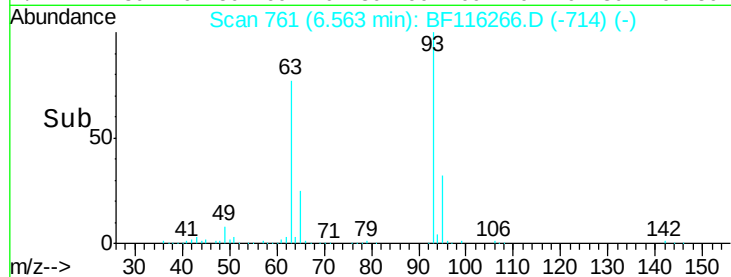
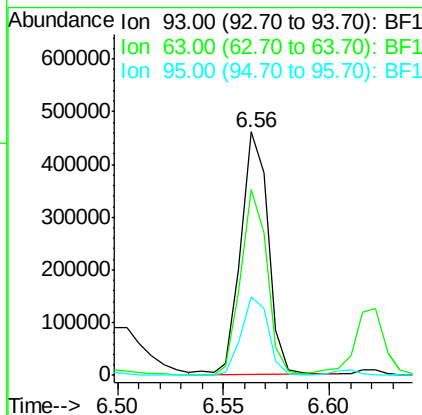
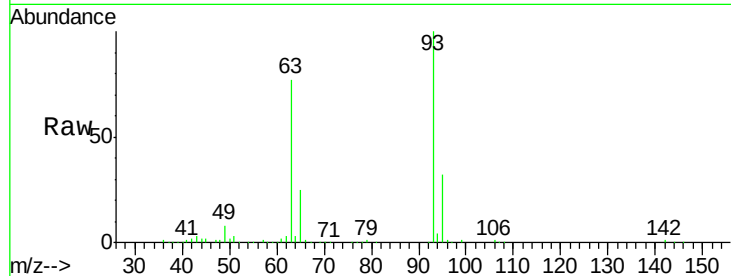
ClientSampleId :

OK-03-081219MS

Tot Ion:	93	Resp:	411863
Ion	Ratio	Lower	Upper
93	100		
63	76.6	51.9	91.9
95	32.1	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 32.854 ng

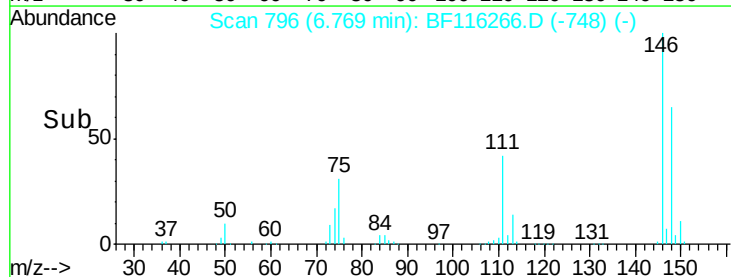
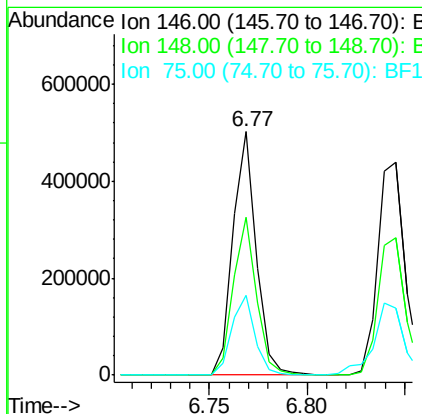
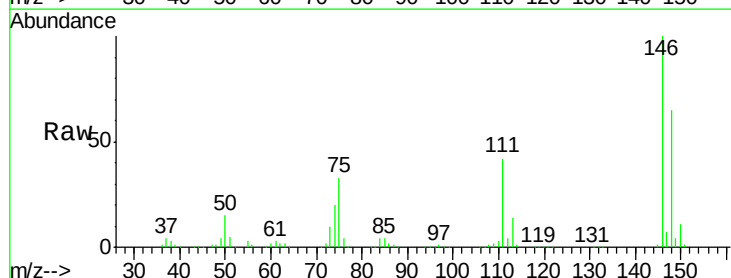
RT: 6.77 min Scan# 796

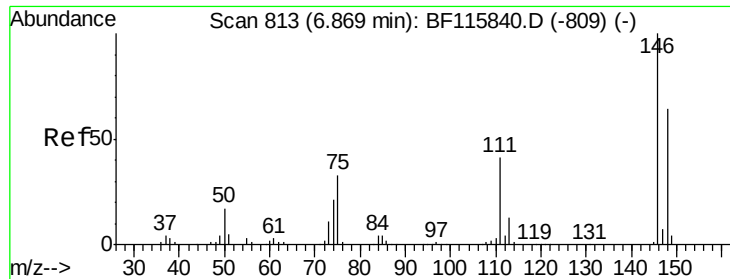
Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Tgt Ion:	146	Resp:	415923
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
75	32.6	27.4	41.2





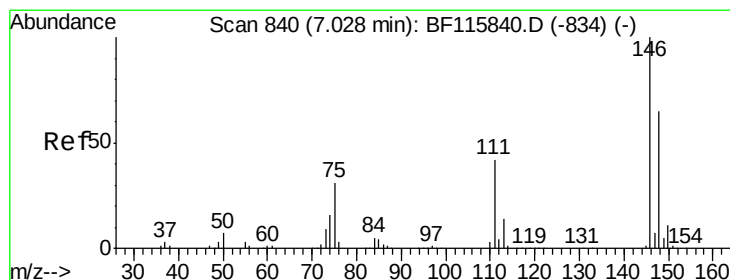
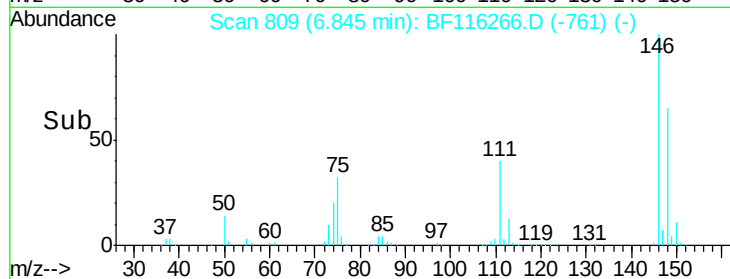
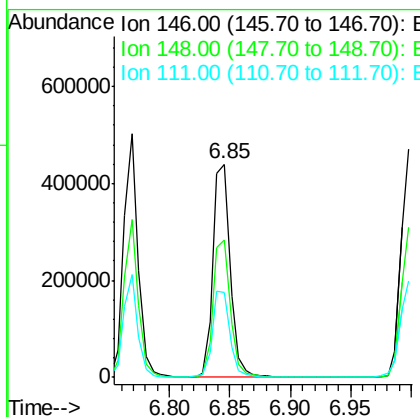
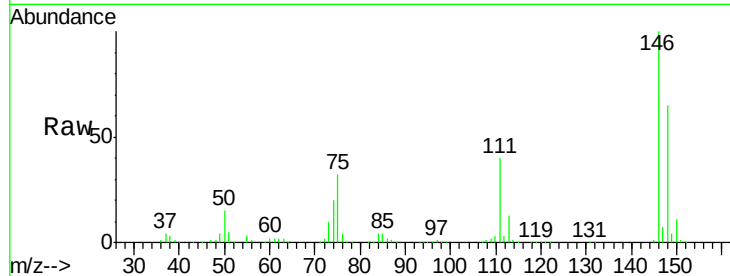
#13
1,4-Dichlorobenzene
Concen: 34.183 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	39.6	34.0	51.0

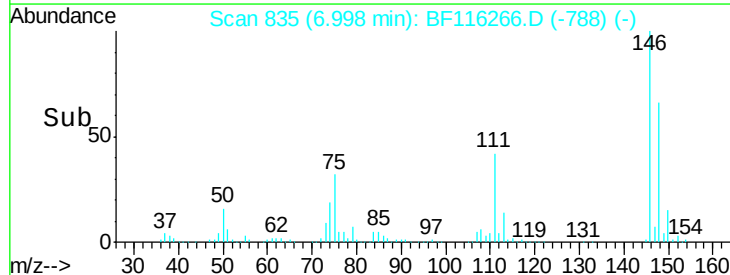
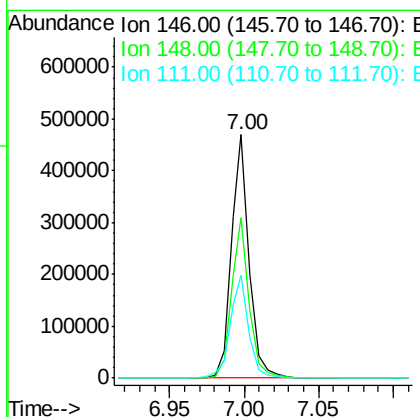
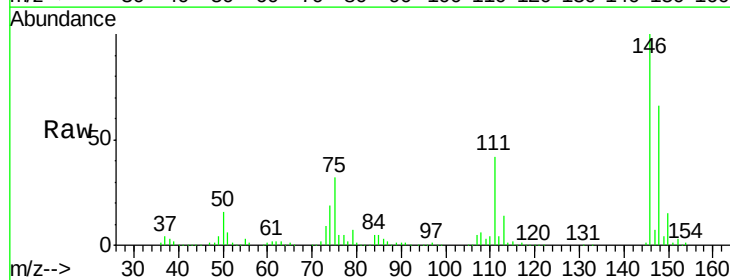
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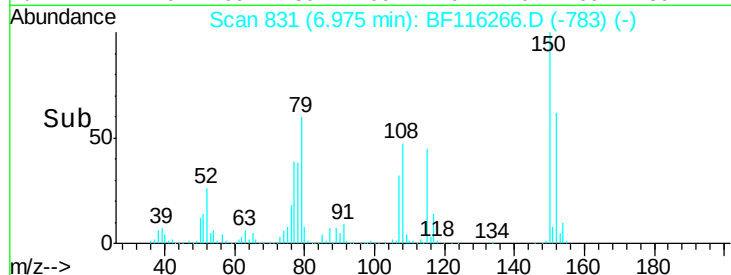
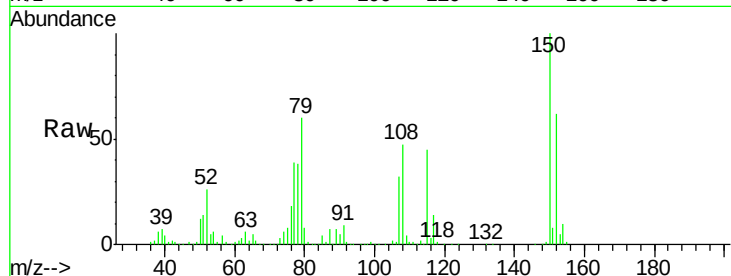
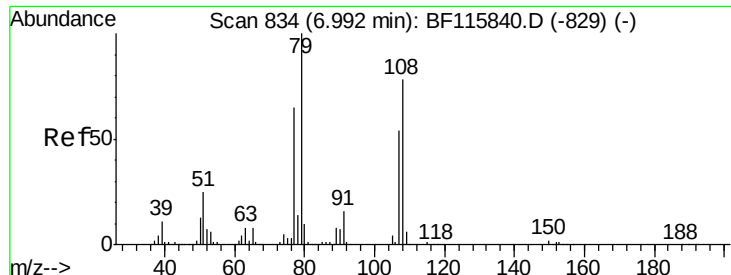
mohammad
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#14
1,2-Dichlorobenzene
Concen: 33.591 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
111	42.3	33.5	50.3





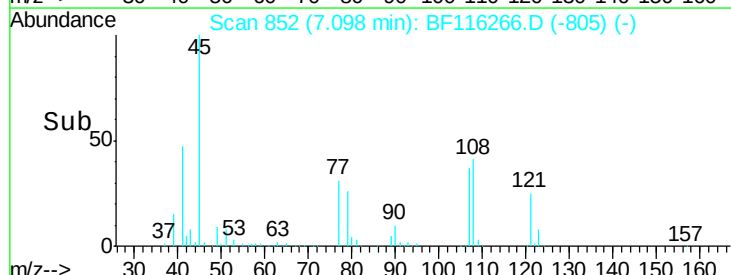
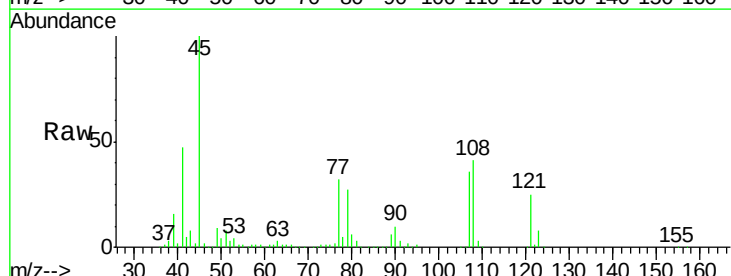
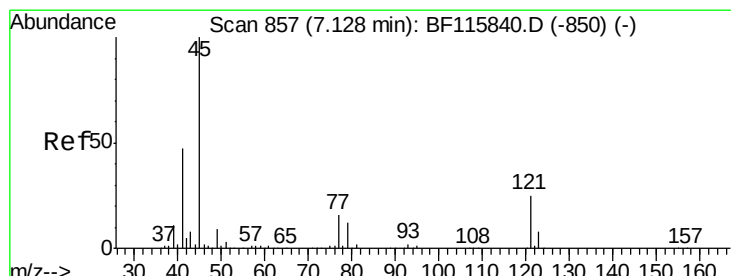
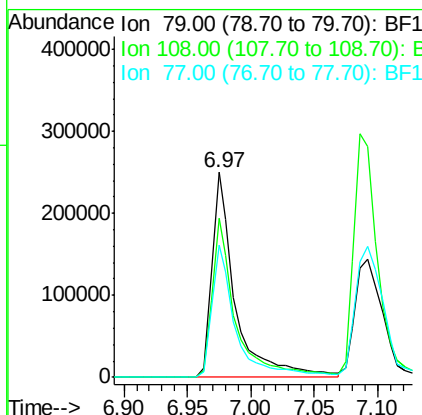
#15
Benzyl Alcohol
Concen: 34.221 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.7	94.1
77	64.8	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

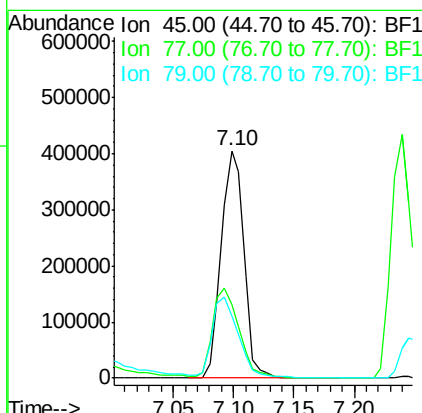
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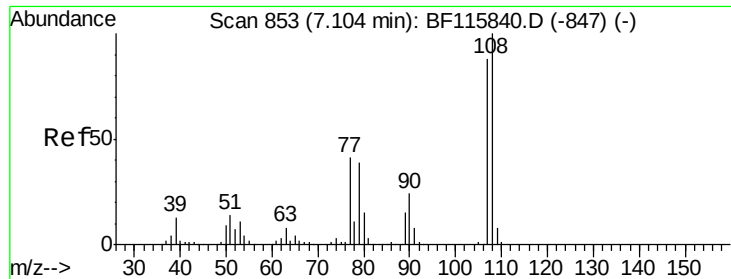
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.755 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.4	0.0	40.0
79	27.4	0.0	35.9





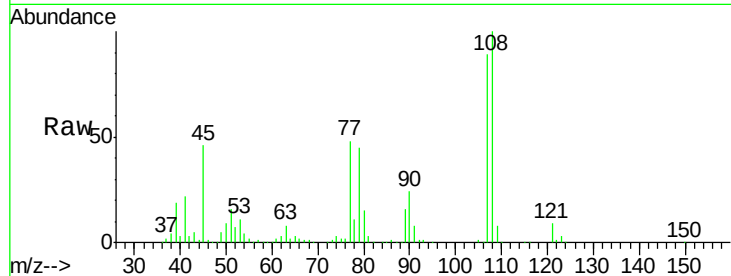
#17
2-Methylphenol
Concen: 36.813 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

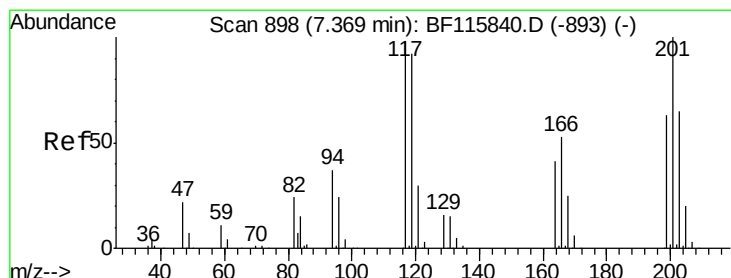
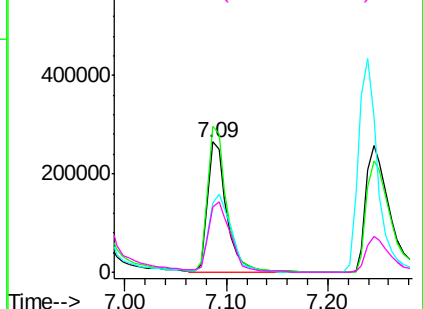
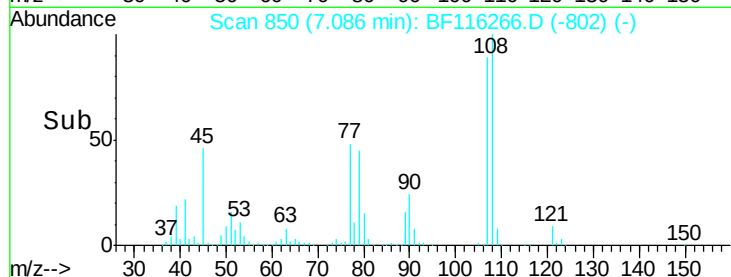
Tot Ion:	107	Resp:	341458
Ion Ratio	Lower	Upper	
107	100		
108	112.2	91.2	136.8
77	53.5	40.3	60.5
79	50.1	37.6	56.4

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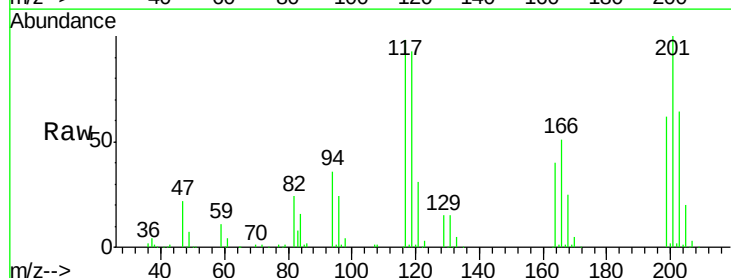


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

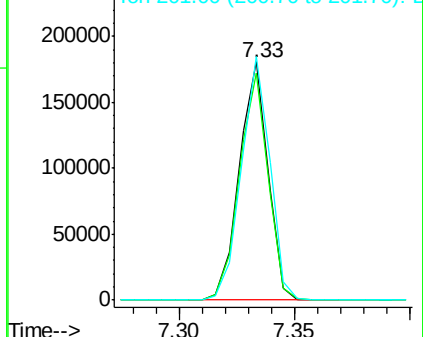
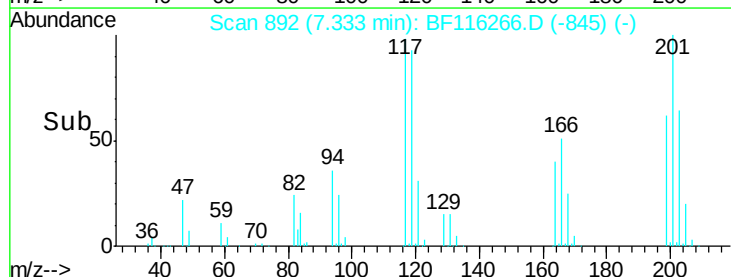


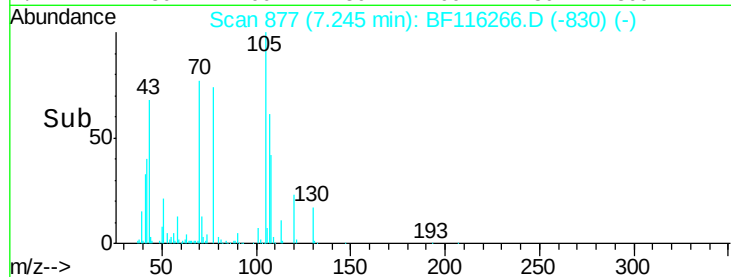
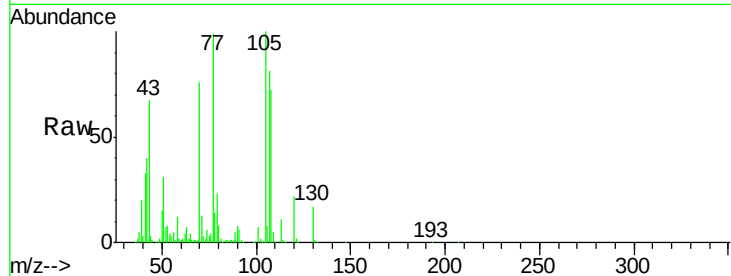
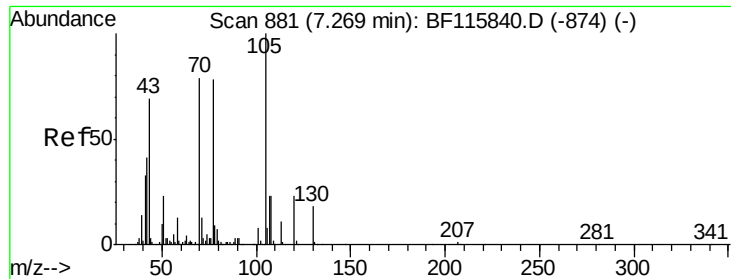
#18
Hexachloroethane
Concen: 33.561 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion:	117	Resp:	156625
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.1	114.1
201	102.2	77.0	115.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





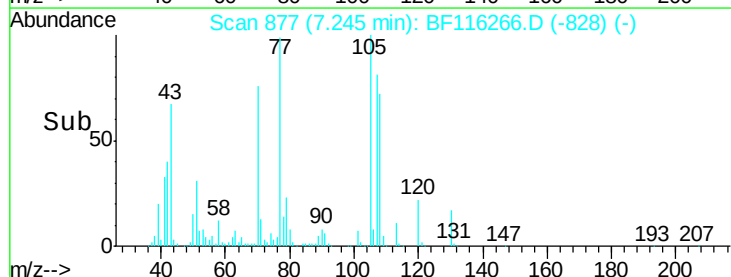
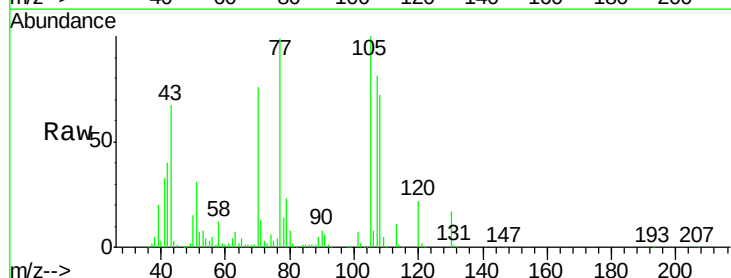
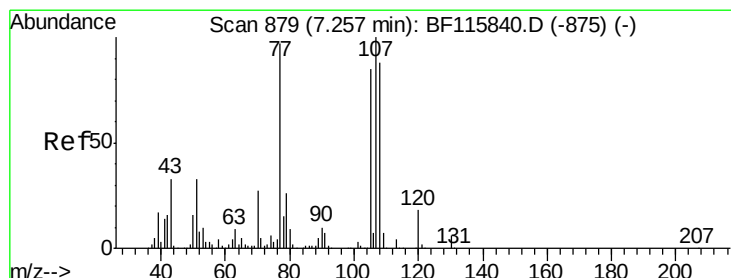
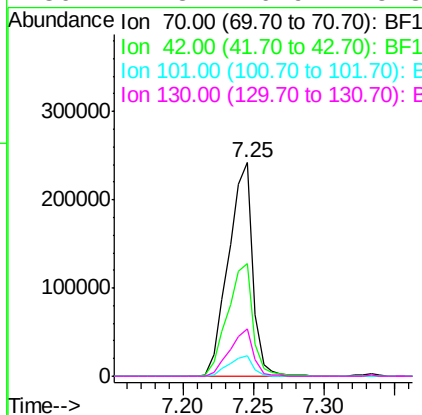
#19
n-Nitroso-di-n-propylamine
Concen: 37.497 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		290413		
42	52.5	40.9	61.3		
101	9.8	7.9	11.9		
130	22.3	16.9	25.3		

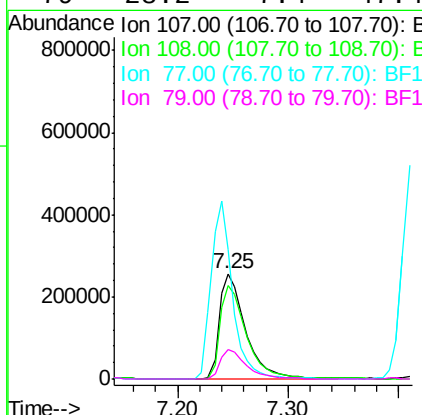
Manual Integrations
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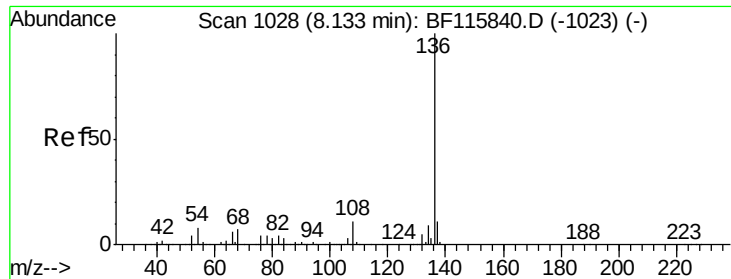
mohammad
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#20
3+4-Methylphenols
Concen: 38.395 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		421437		
108	88.6	67.6	107.6		
77	122.4	104.4	144.4		
79	28.2	7.4	47.4		





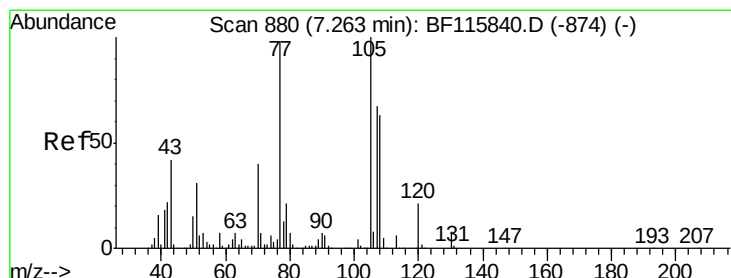
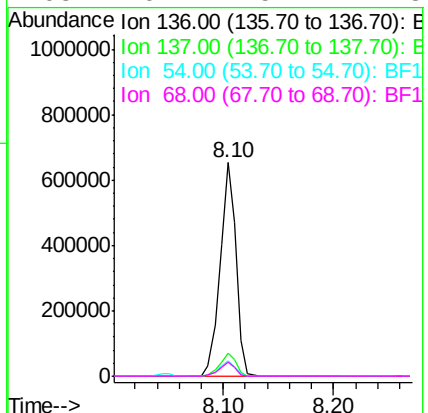
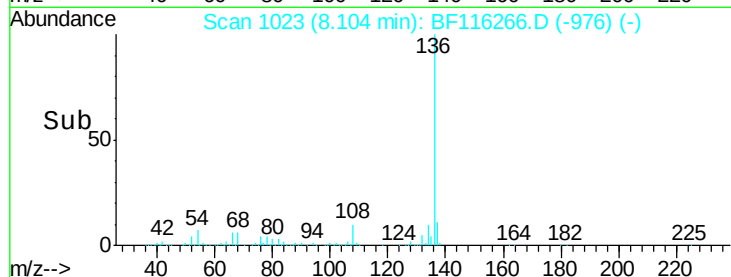
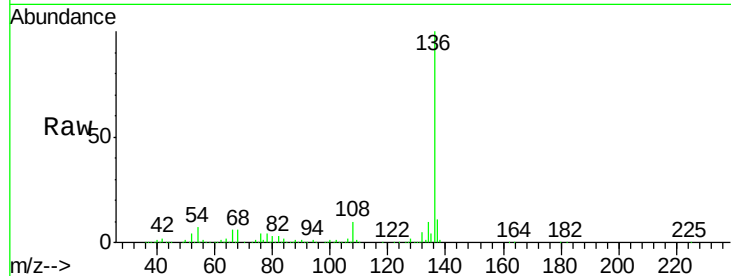
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	653415		
137	11.0		9.0	13.4
54	7.2		5.8	8.6
68	6.4		5.2	7.8

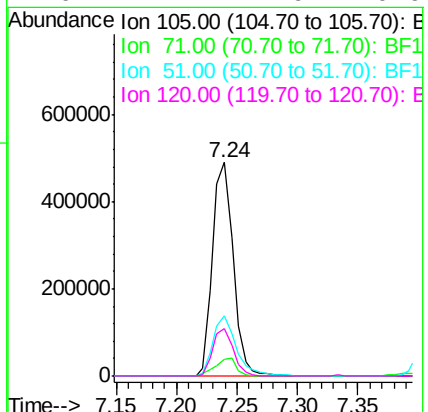
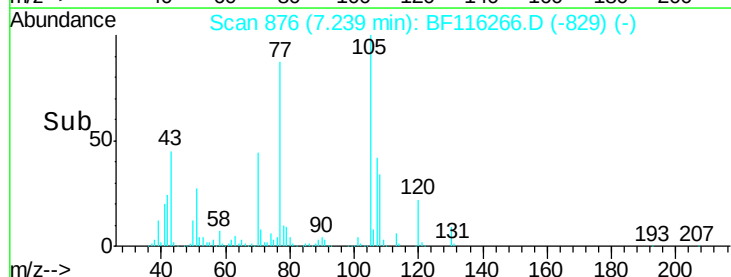
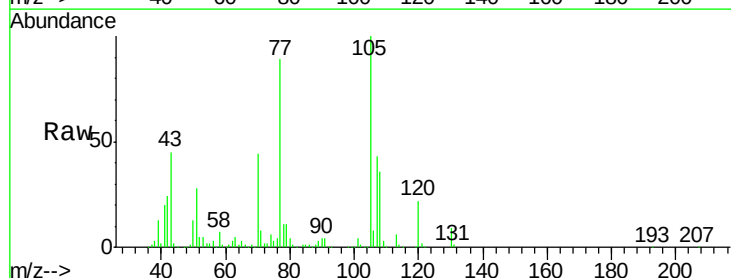
Manual Integrations
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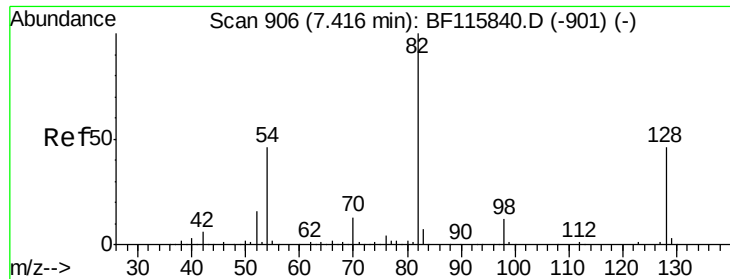
mohammad
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#22
Acetophenone
Concen: 40.530 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580801		
71	7.5		5.9	8.9
51	28.1		25.3	37.9
120	22.1		17.9	26.9





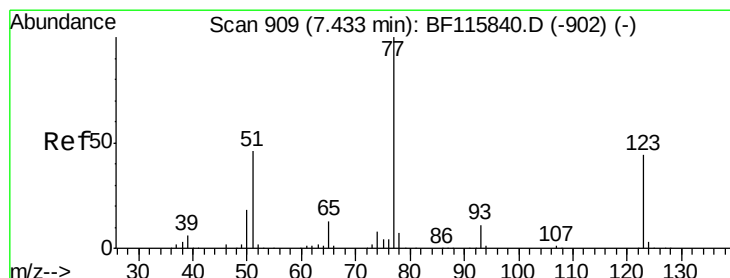
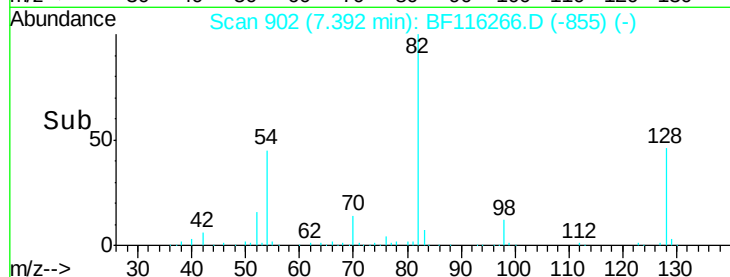
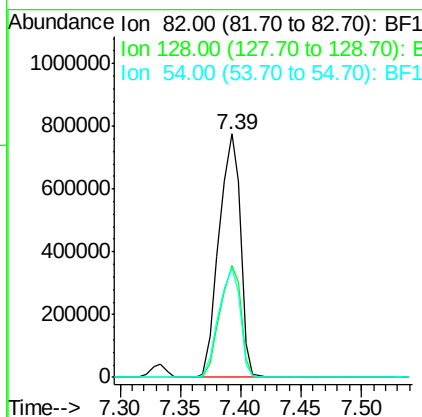
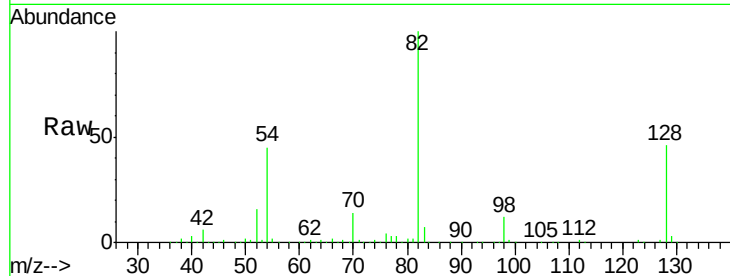
#23
 Nitrobenzene-d5
 Concen: 83.746 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	947990		
128	46.1	36.5	54.7	
54	45.0	36.0	54.0	

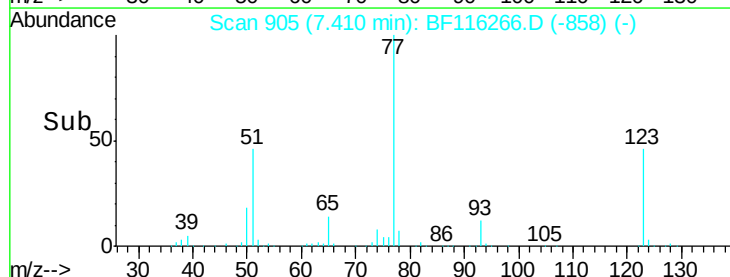
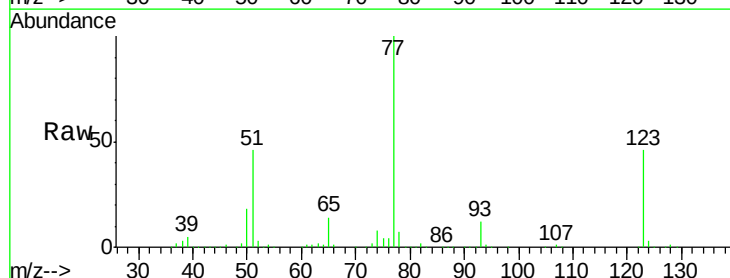
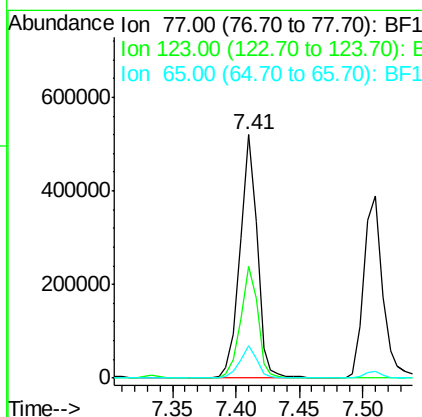
Manual Integrations
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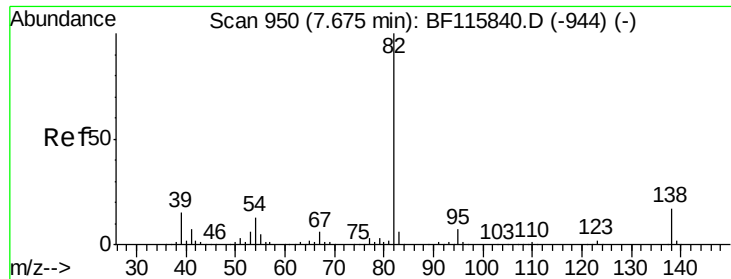
mohammad
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#24
 Nitrobenzene
 Concen: 39.643 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	484549		
123	45.8	36.7	55.1	
65	13.6	10.6	16.0	





#25

Isophorone

Concen: 40.345 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

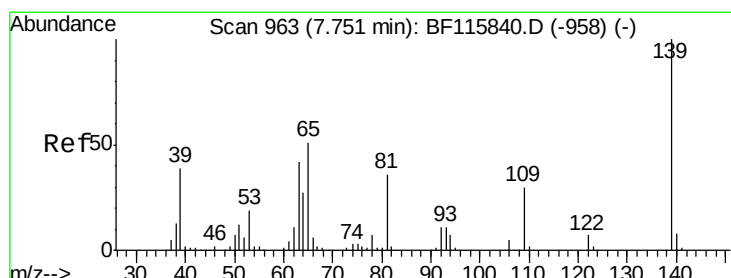
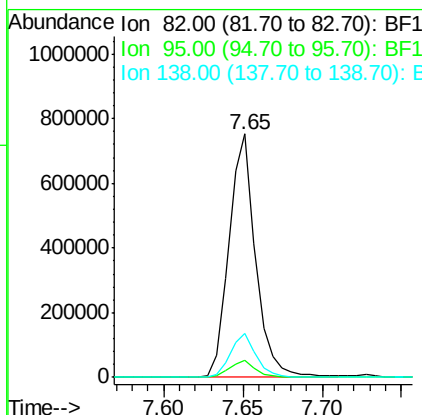
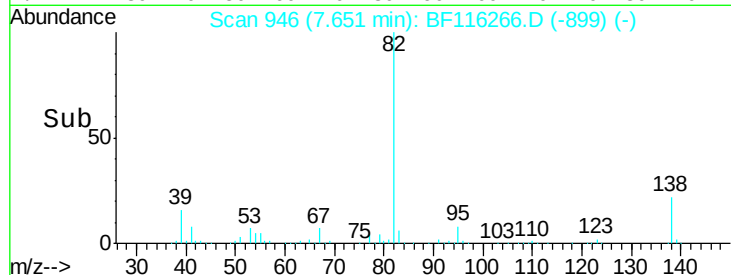
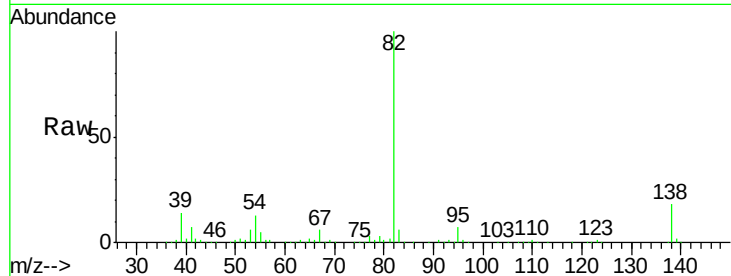
ClientSampleId :

OK-03-081219MS

Tot Ion:	82	Resp:	873274
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.0
138	17.9	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.820 ng

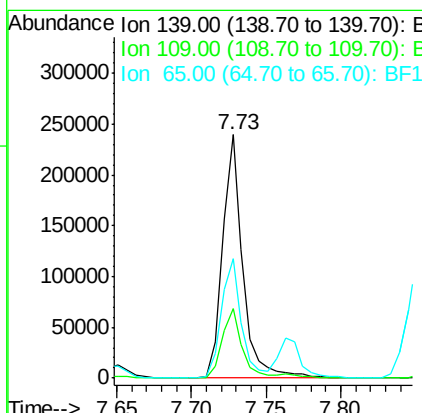
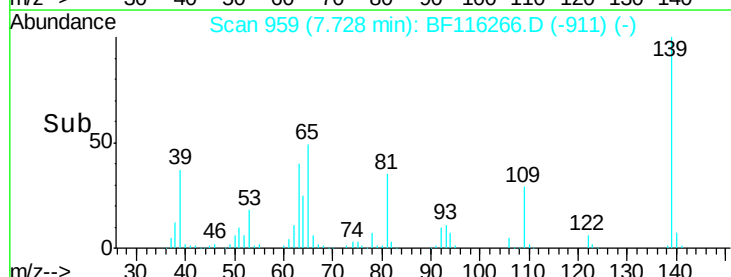
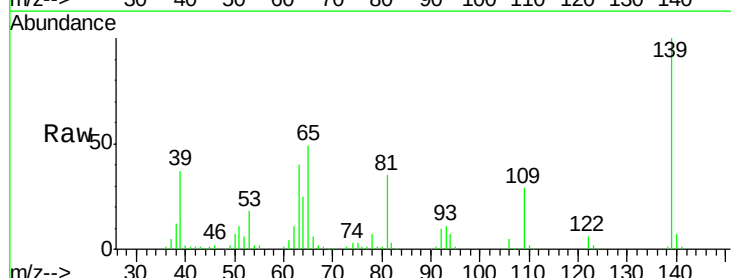
RT: 7.73 min Scan# 959

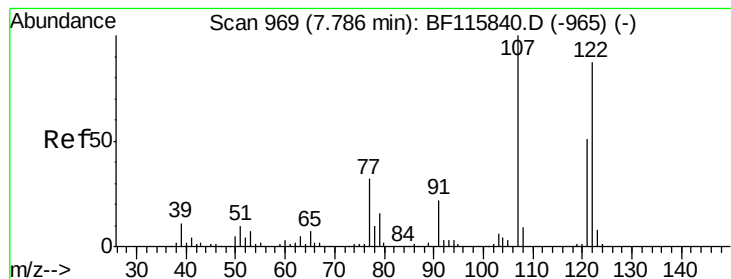
Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Tgt Ion:	139	Resp:	229427
Ion Ratio		Lower	Upper
139	100		
109	28.6	23.4	35.2
65	49.1	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 43.738 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

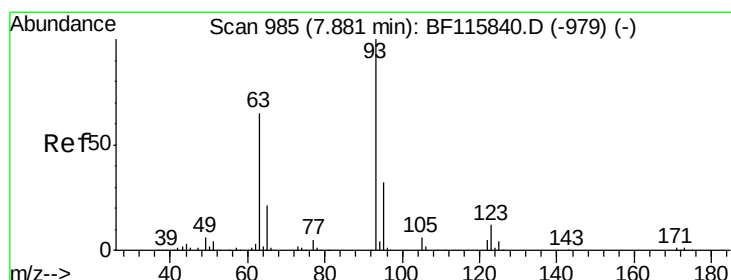
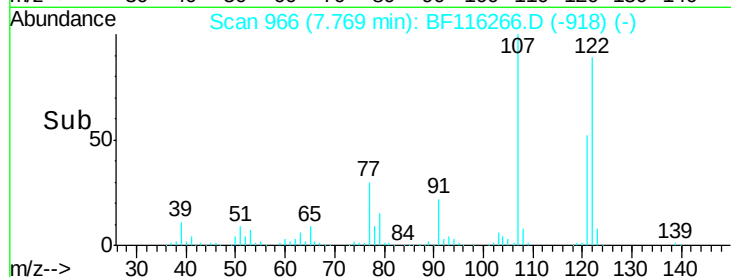
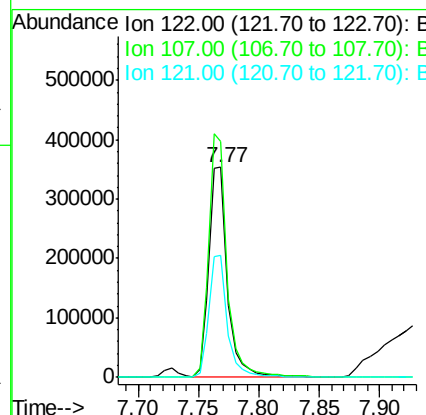
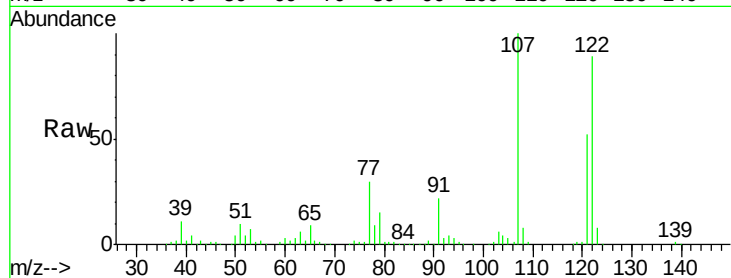
ClientSampleId :

OK-03-081219MS

Tot Ion:	122	Resp:	379128
Ion Ratio	Lower	Upper	
122	100		
107	112.3	93.0	139.6
121	58.0	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 40.251 ng

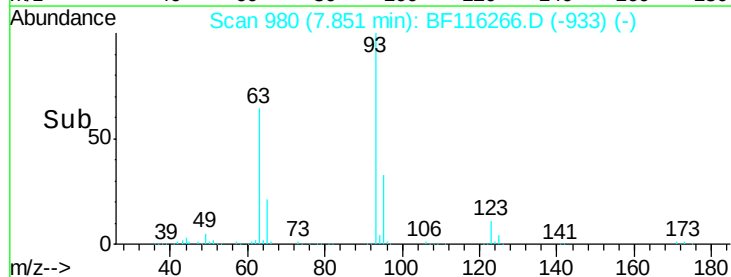
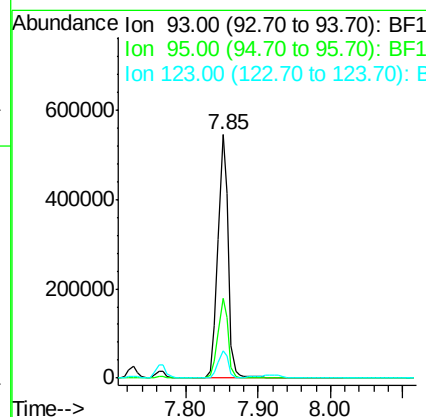
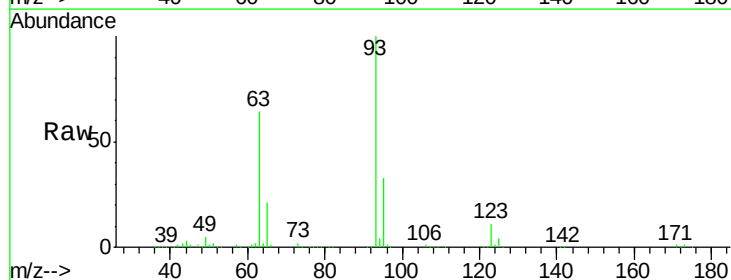
RT: 7.85 min Scan# 980

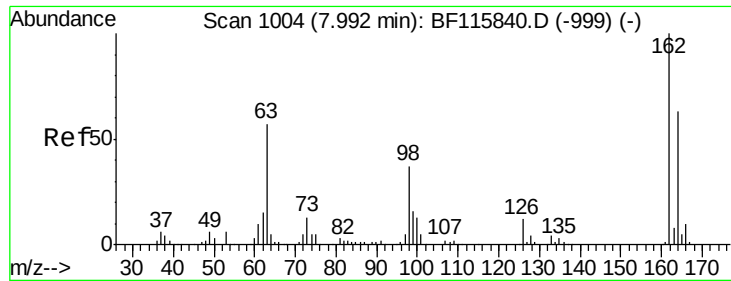
Delta R.T. -0.02 min

Lab File: BF116266.D

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Tgt Ion:	93	Resp:	540014
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.2	39.4
123	11.1	9.2	13.8





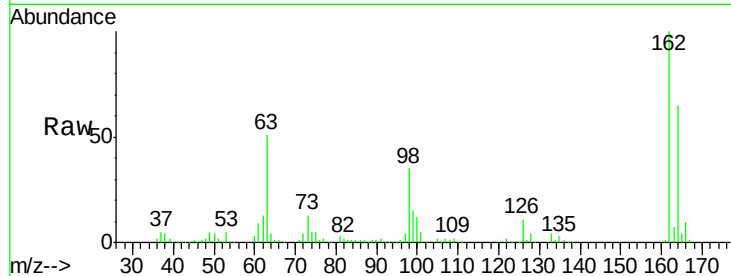
#29
 2,4-Dichlorophenol
 Concen: 40.896 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

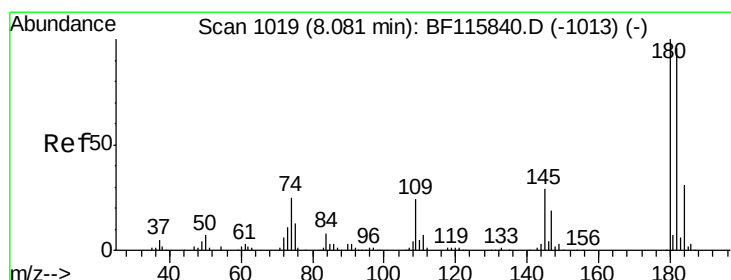
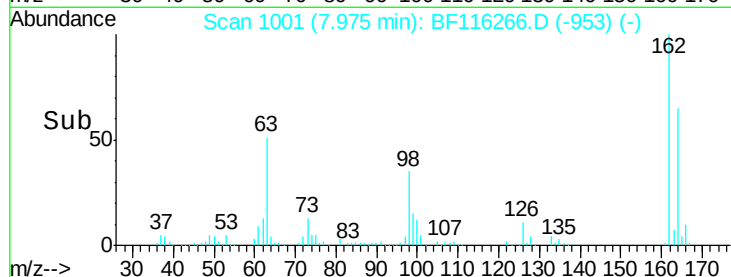
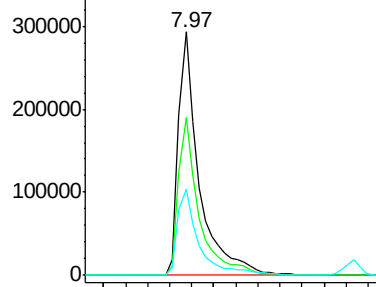
Tot Ion	Ratio	Resp	Lower	Upper
162	100	374299		
164	65.0	45.1	85.1	
98	35.3	15.8	55.8	

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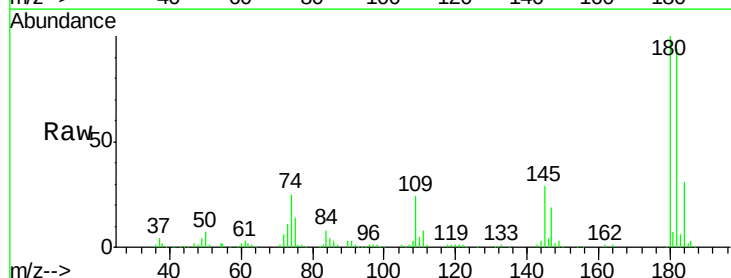


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

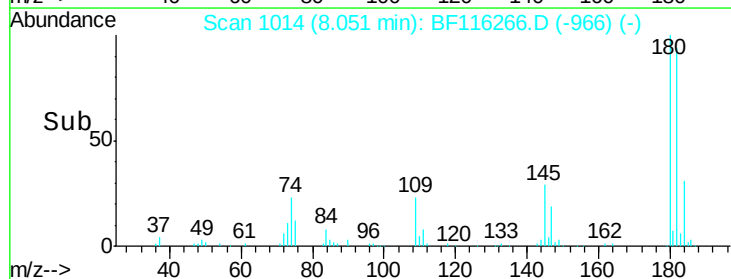
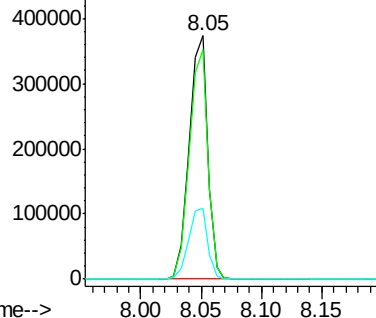


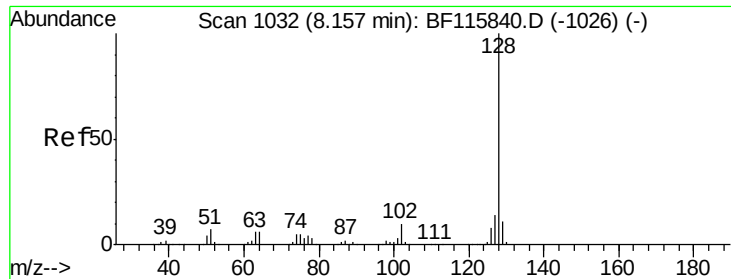
#30
 1,2,4-Trichlorobenzene
 Concen: 37.546 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391717		
182	94.5	75.7	113.5	
145	29.2	24.3	36.5	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





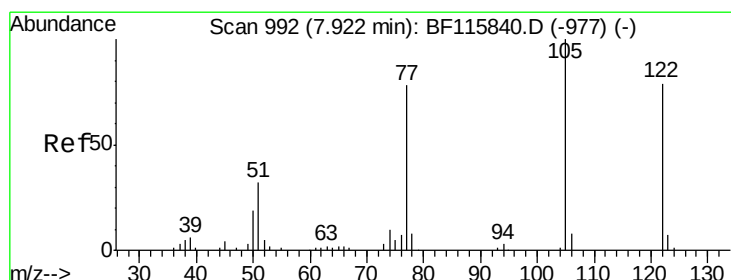
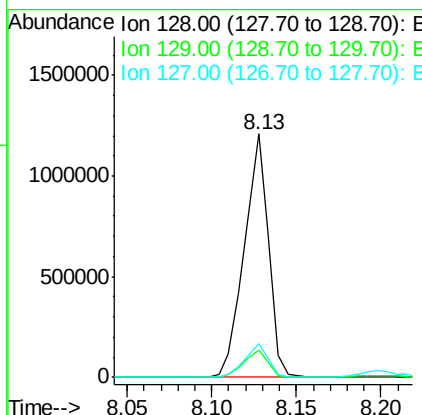
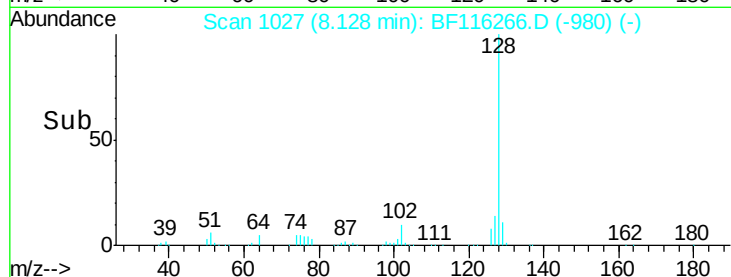
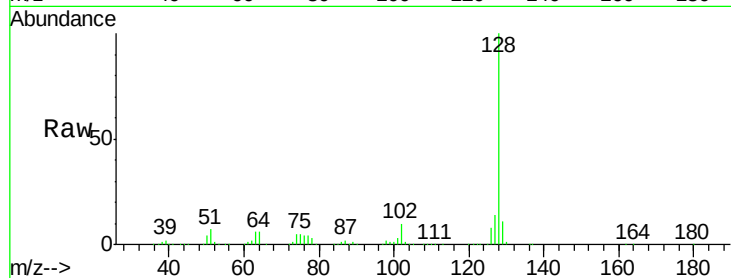
#31
Naphthalene
Concen: 39.538 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion:128 Resp: 1215737
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.7 11.4 17.0

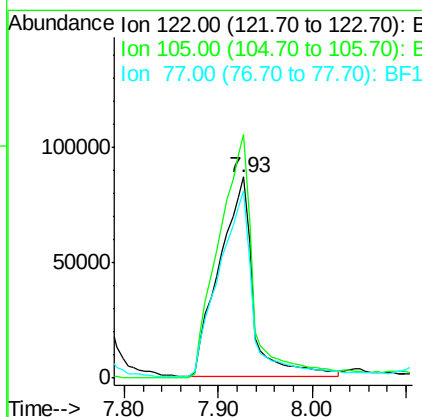
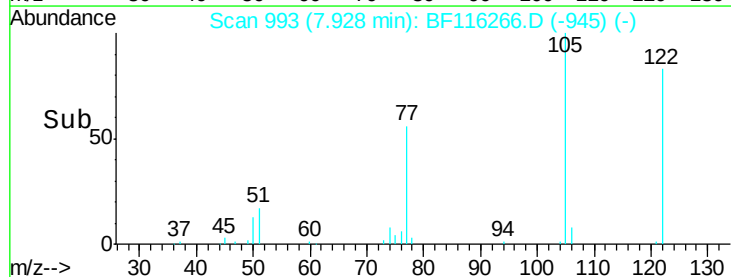
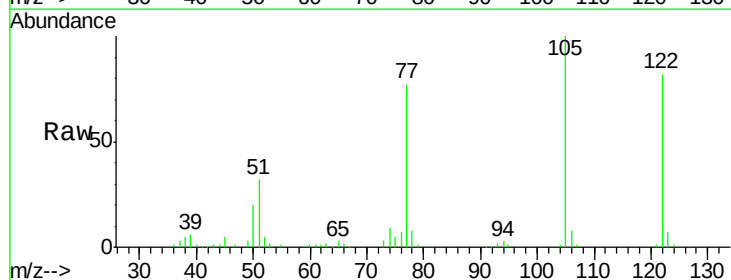
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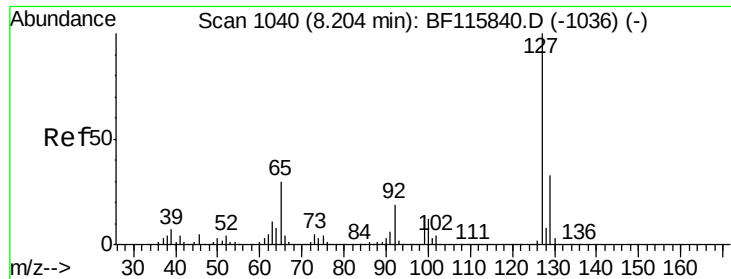
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#32
Benzoic acid
Concen: 35.448 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion:122 Resp: 216634
Ion Ratio Lower Upper
122 100
105 121.2 106.1 146.1
77 93.4 76.7 116.7





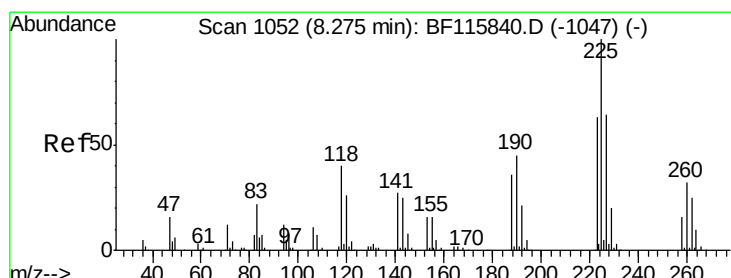
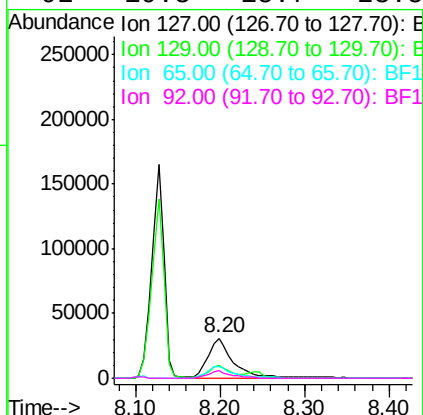
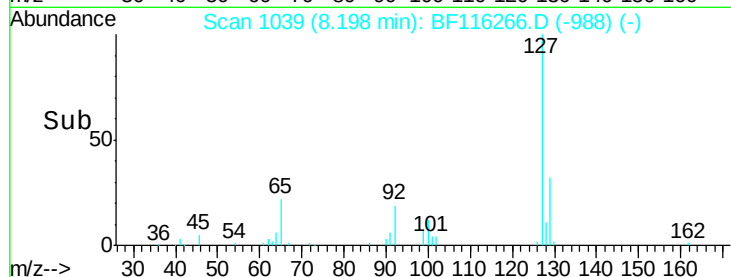
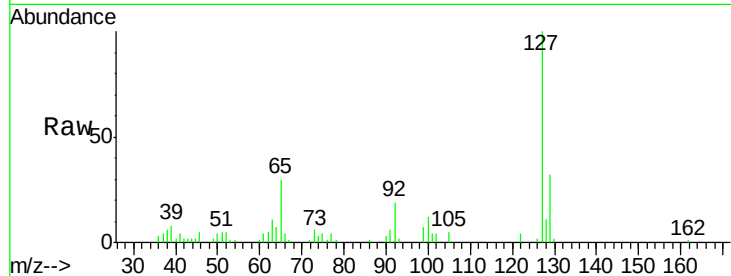
#33
4-Chloroaniline
Concen: 4.674 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64212		
129	31.7	26.1	39.1		
65	29.7	24.9	37.3		
92	19.3	15.7	23.5		

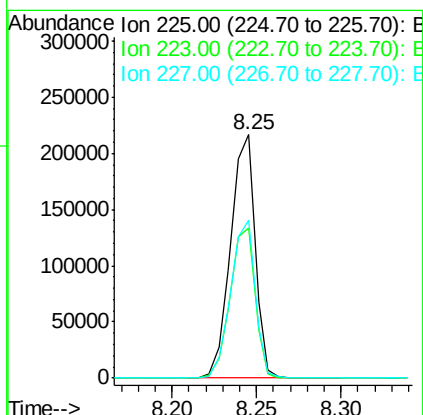
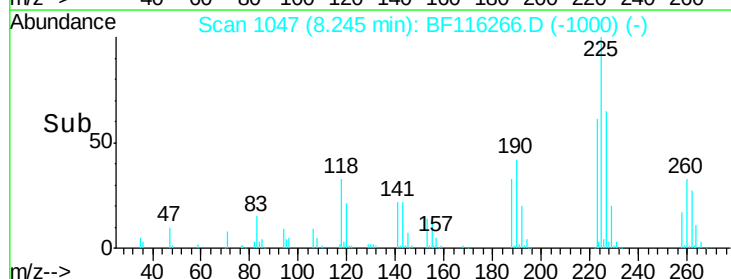
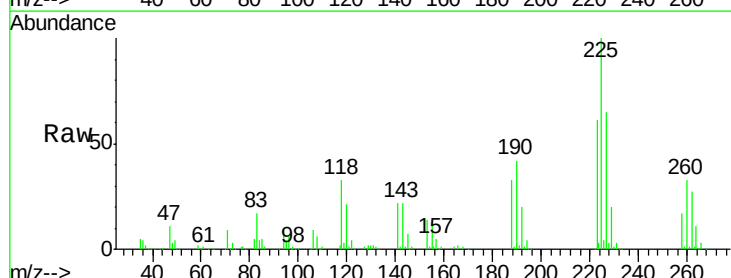
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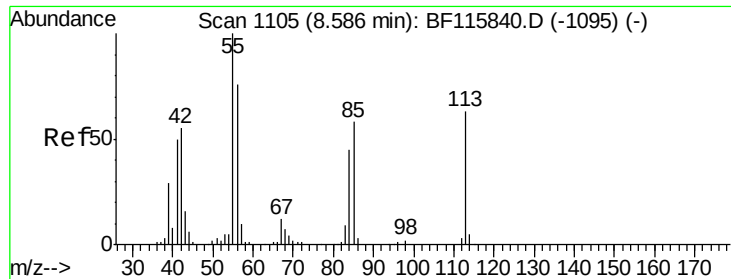
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#34
Hexachlorobutadiene
Concen: 36.312 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		218213		
223	61.5	50.0	75.0		
227	64.6	51.0	76.4		





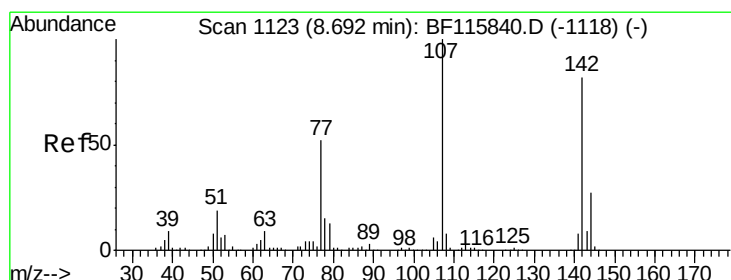
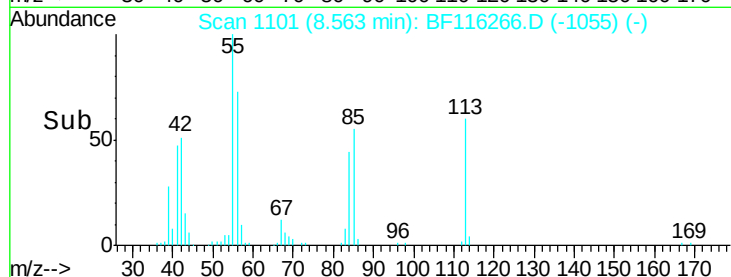
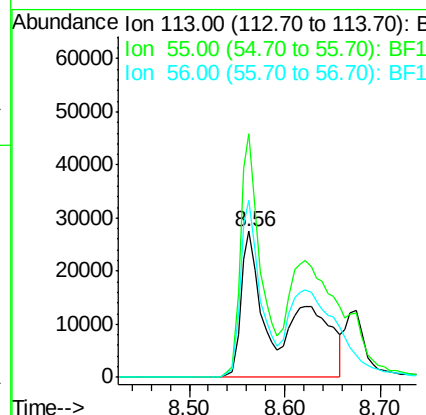
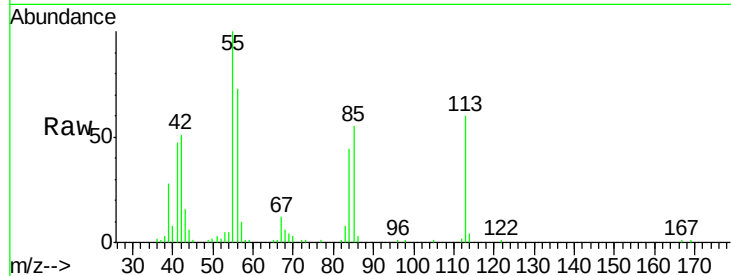
#35
 Caprolactam
 Concen: 27.320 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.4	144.3	184.3
56	121.2	97.1	137.1

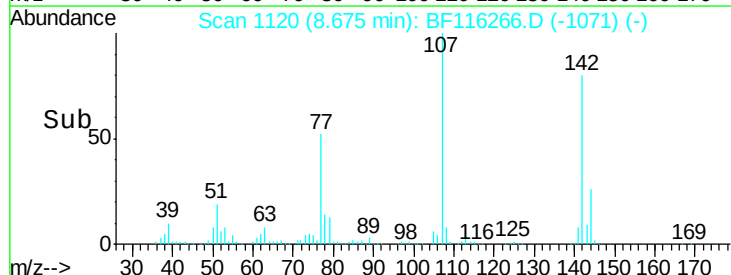
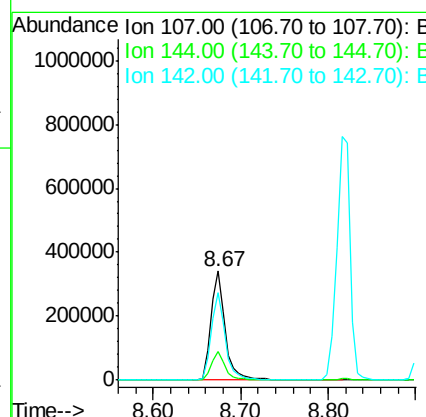
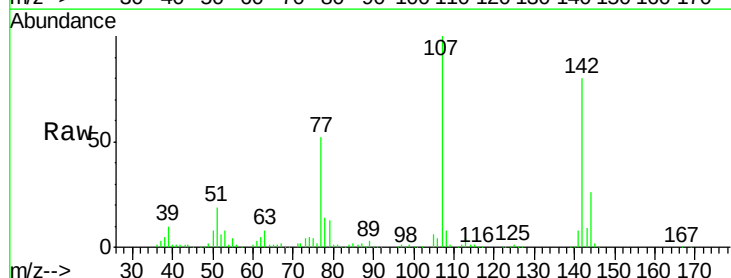
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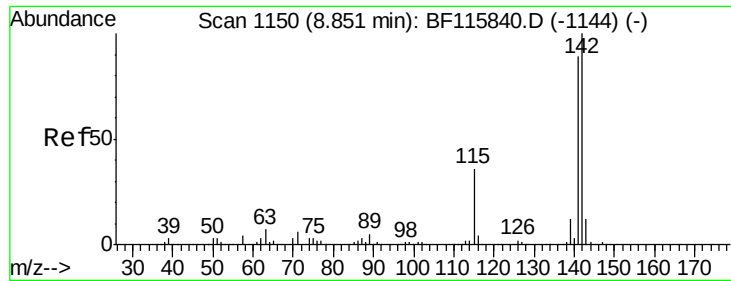
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#36
 4-Chloro-3-methylphenol
 Concen: 40.512 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.2	30.2
142	80.1	61.7	92.5





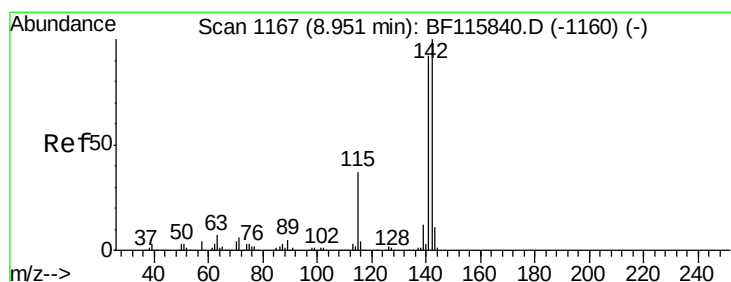
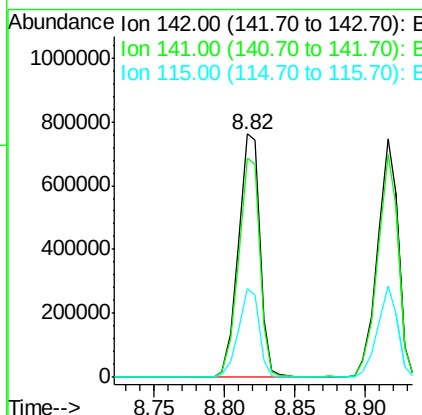
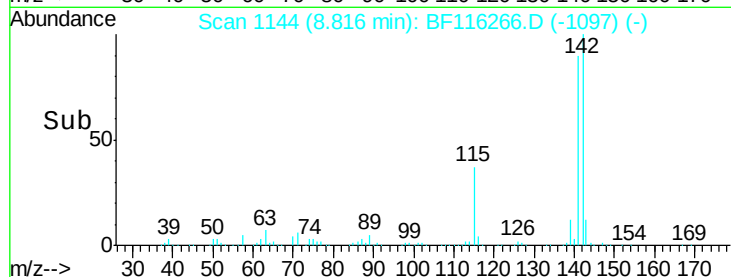
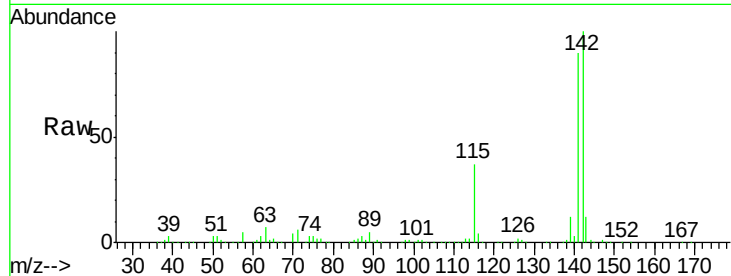
#37
2-Methylnaphthalene
Concen: 39.985 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	36.6	29.0	43.6

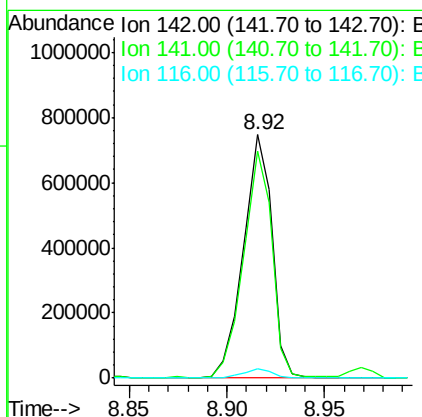
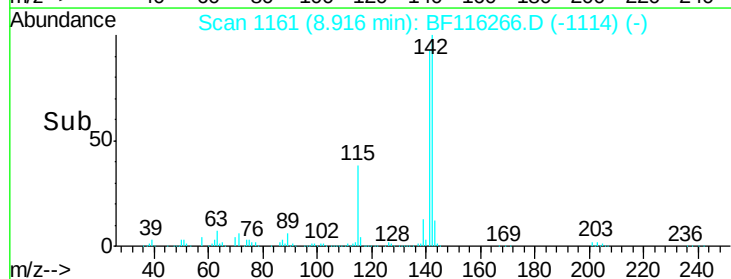
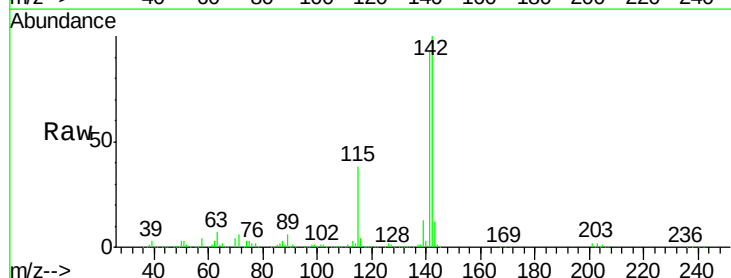
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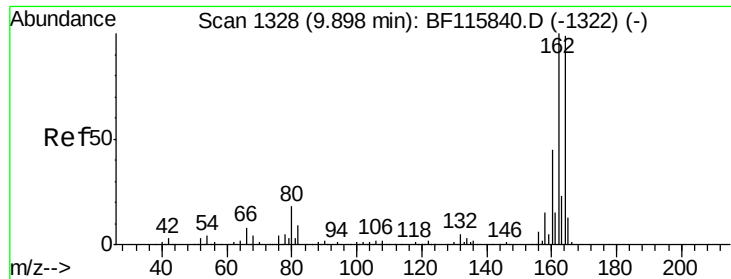
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#38
1-Methylnaphthalene
Concen: 39.542 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6
116	4.0	3.1	4.7





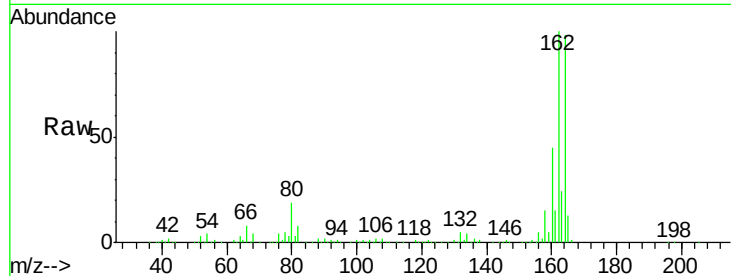
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

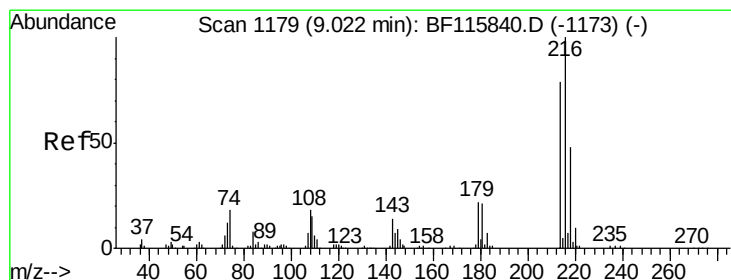
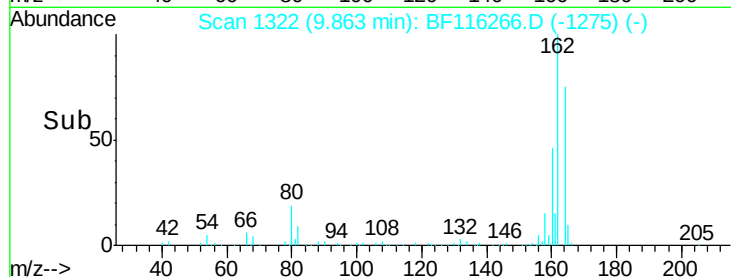
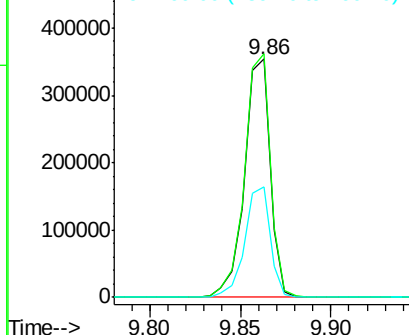
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.6	124.0	
160	46.2	37.6	56.4	

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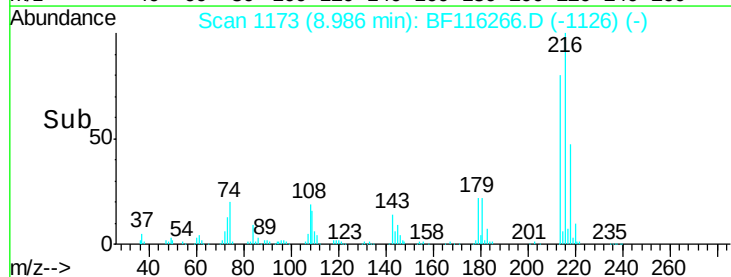
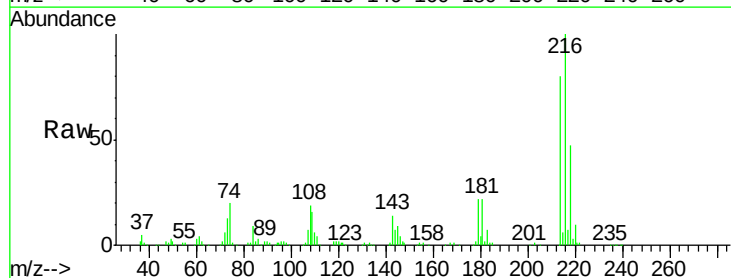
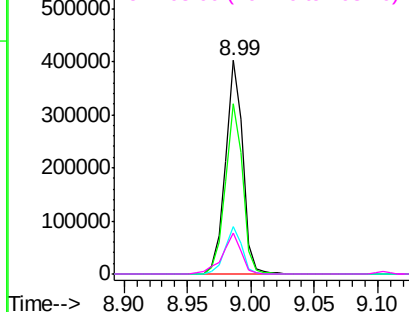
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

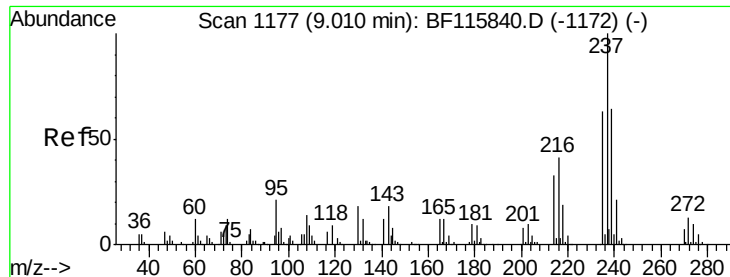


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.510 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.6	95.4	
179	22.0	17.8	26.8	
108	21.0	16.5	24.7	

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.896 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

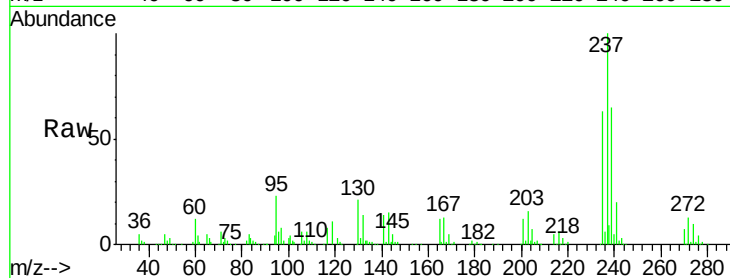
ClientSampleId :

OK-03-081219MS

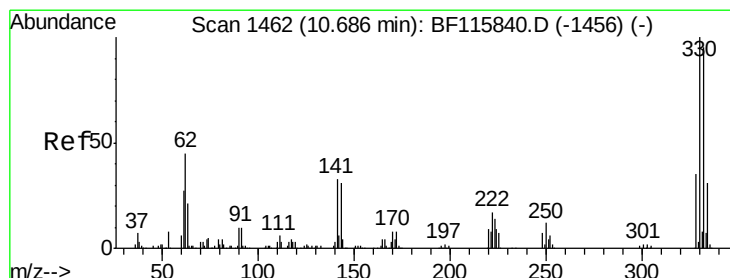
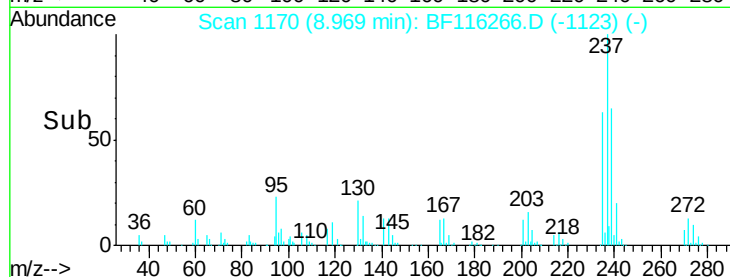
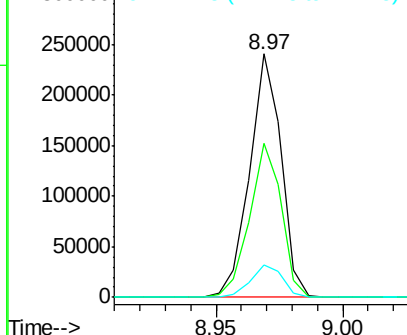
Tot Ion:	237	Resp:	208014
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	13.4	0.0	33.2

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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: 119.638 ng

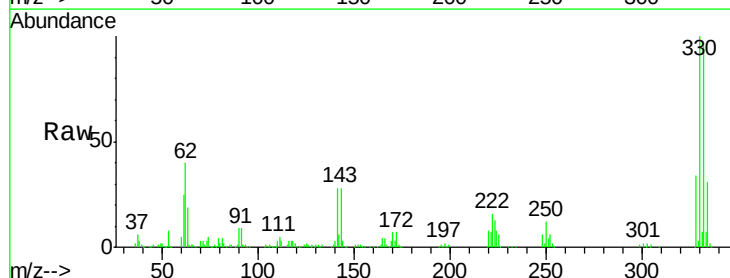
RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

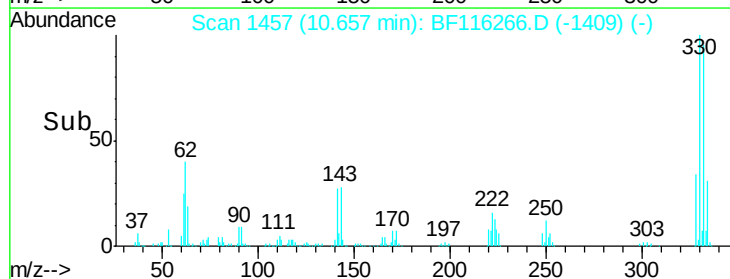
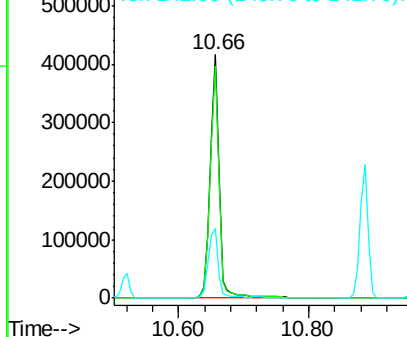
Lab File: BF116266.D

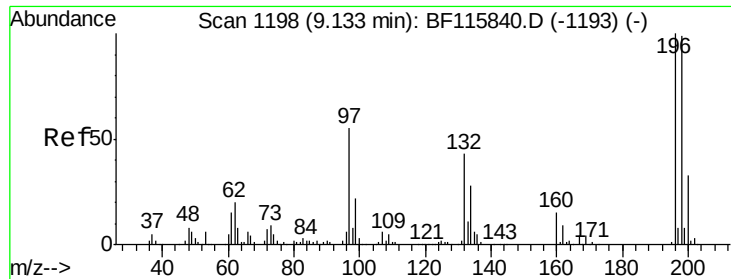
Acq: 14 Aug 2019 17:31

Tgt Ion:	330	Resp:	404921
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	31.2	26.3	39.5



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





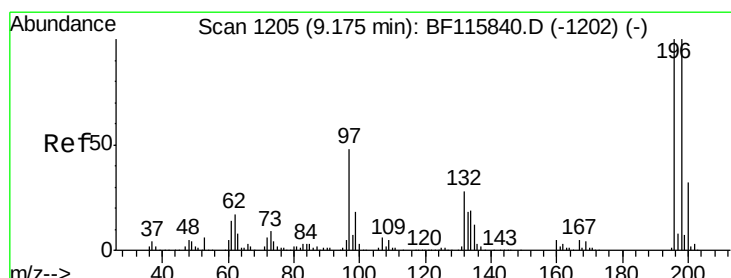
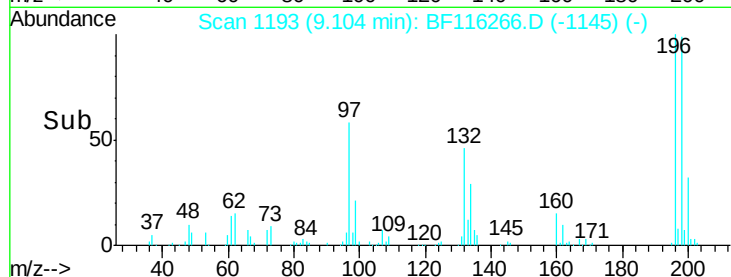
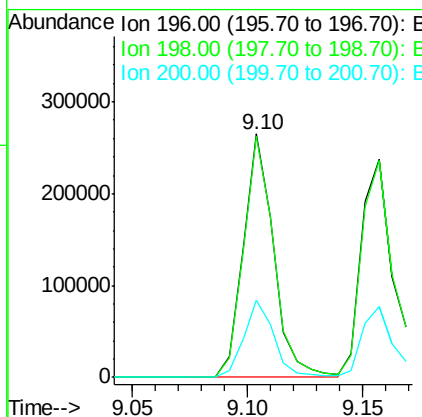
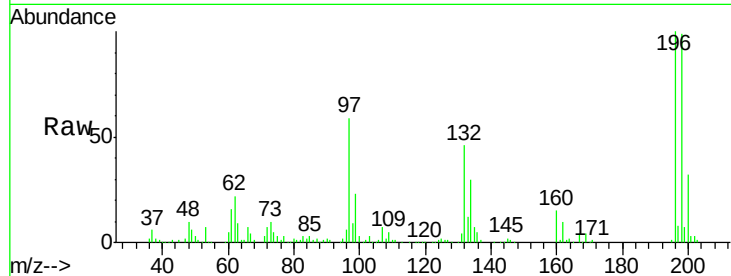
#43
 2,4,6-Trichlorophenol
 Concen: 37.880 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	243333		
198	98.9	79.2	118.8	
200	31.8	25.2	37.8	

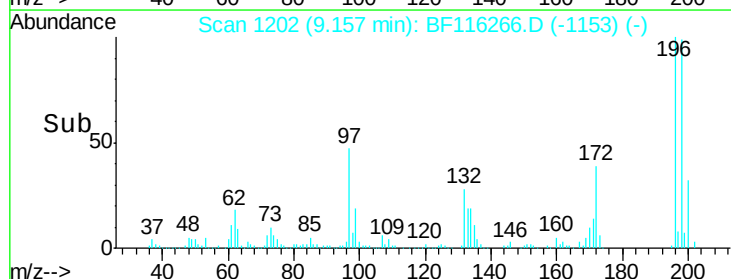
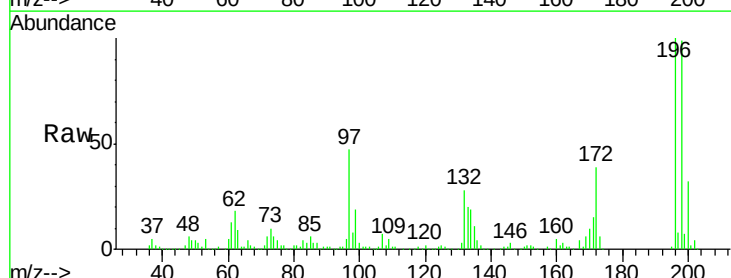
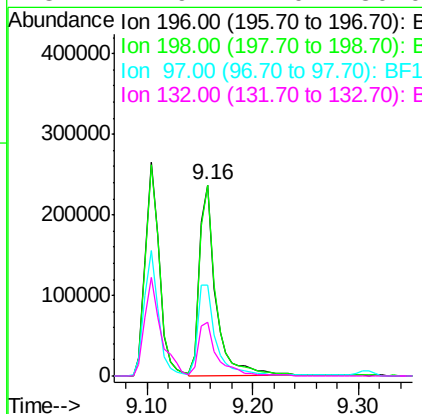
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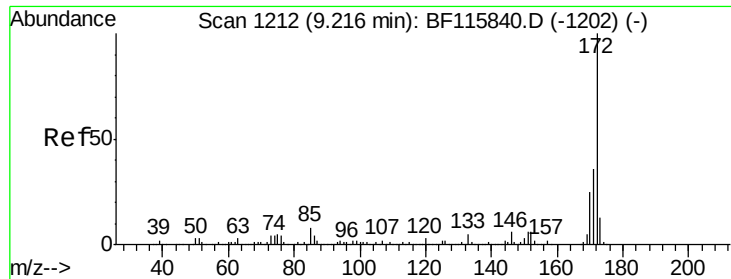
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.303 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254340		
198	99.4	78.8	118.2	
97	47.4	42.2	63.4	
132	27.9	24.0	36.0	





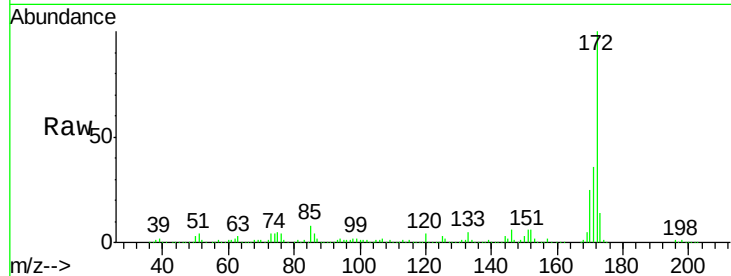
#45
2-Fluorobiphenyl
Concen: 87.035 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

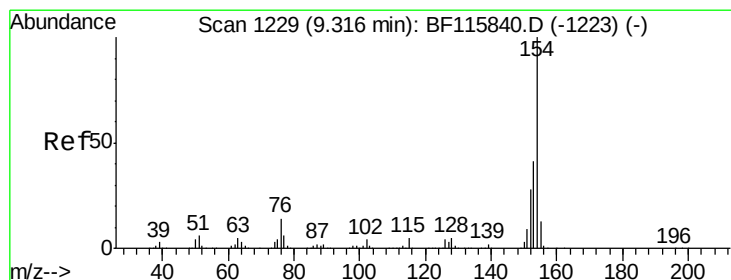
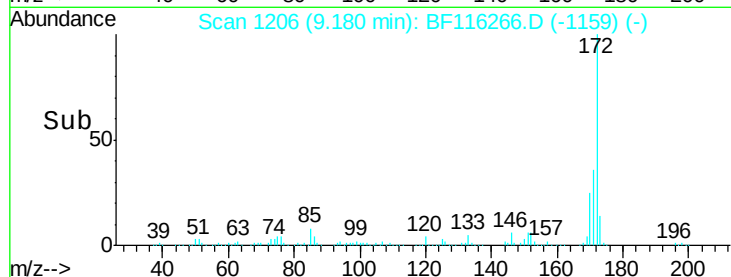
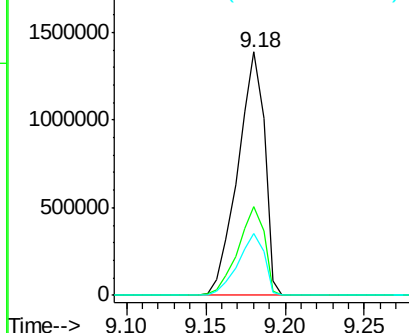
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.2	20.1	30.1

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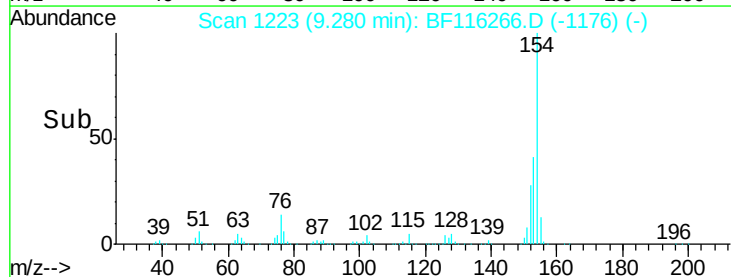
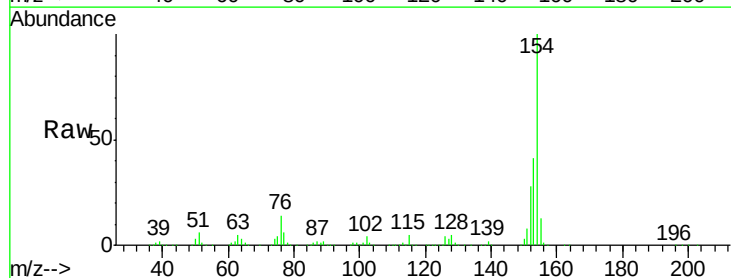
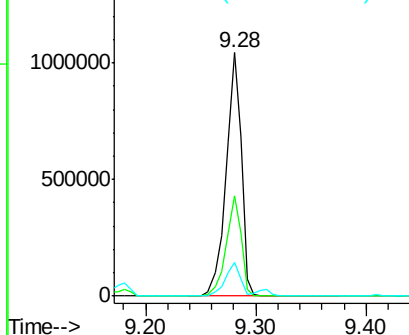
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

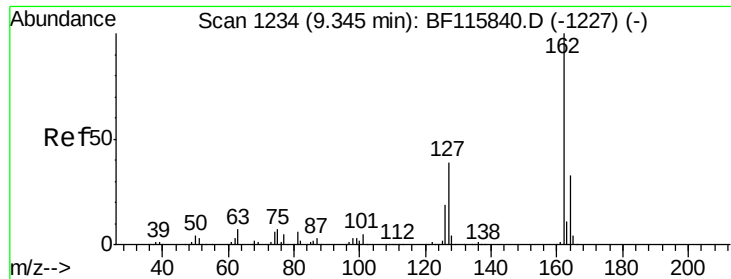


#46
1,1'-Biphenyl
Concen: 40.961 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	14.1	0.0	35.2

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





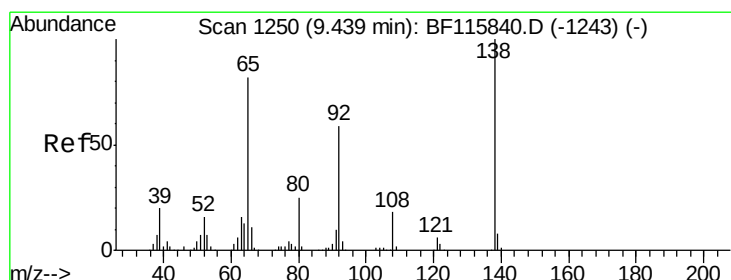
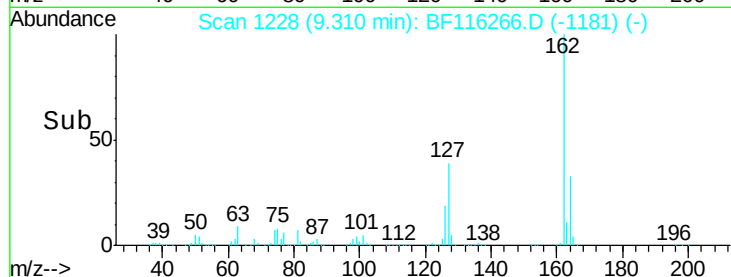
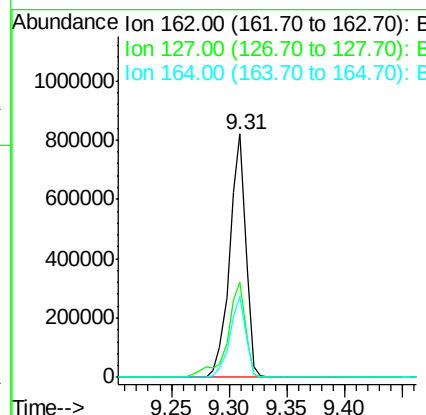
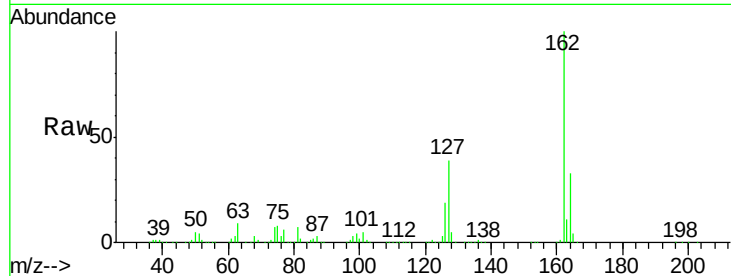
#47
 2-Chloronaphthalene
 Concen: 38.545 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	790665		
127	39.3	32.8	49.2	
164	33.3	26.6	39.8	

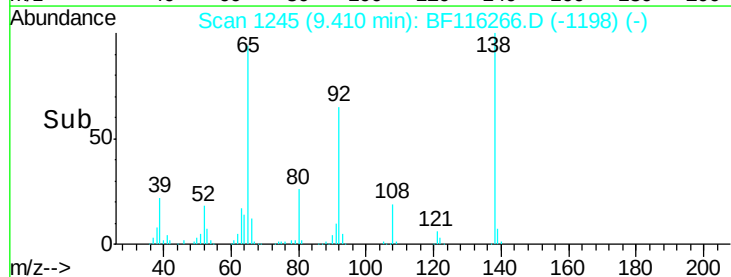
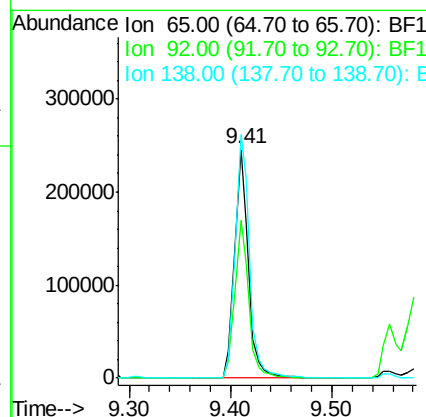
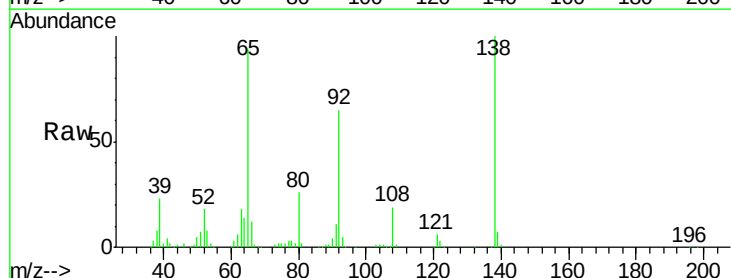
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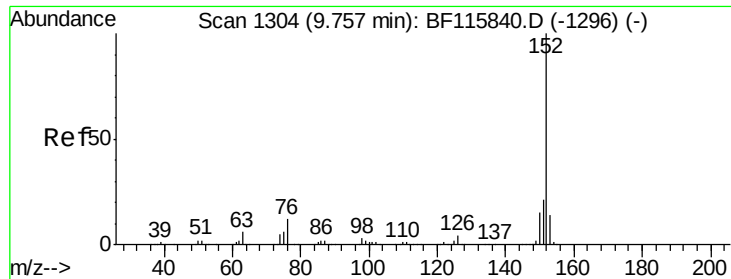
mohammad
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#48
 2-Nitroaniline
 Concen: 34.630 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	234797		
92	69.3	57.8	86.8	
138	106.5	94.0	141.0	





#49

Acenaphthylene

Concen: 39.315 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MS

Tot Ion:152 Resp: 1176531

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

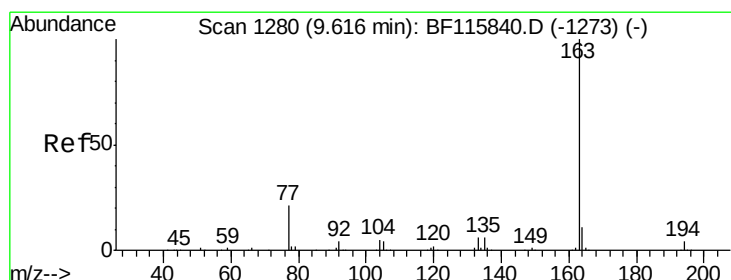
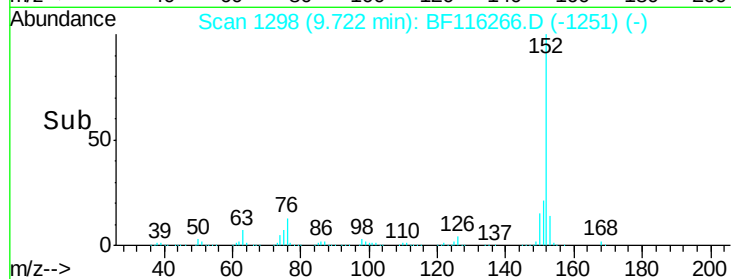
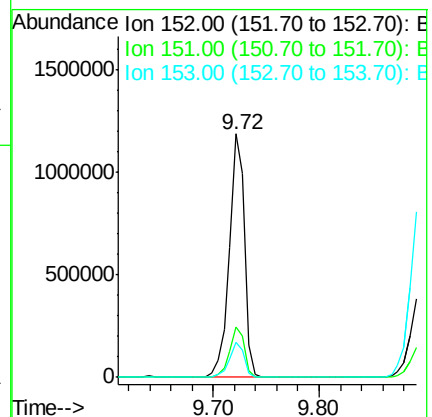
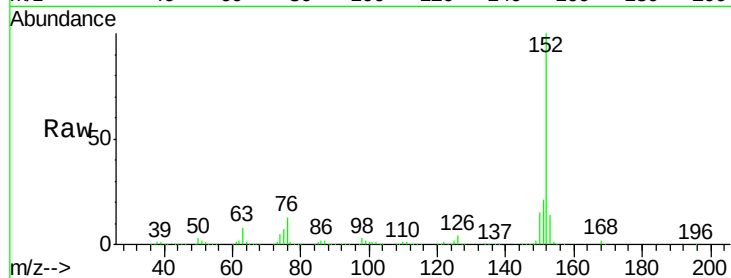
153 14.2 11.8 17.8

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#50

Dimethylphthalate

Concen: 41.823 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

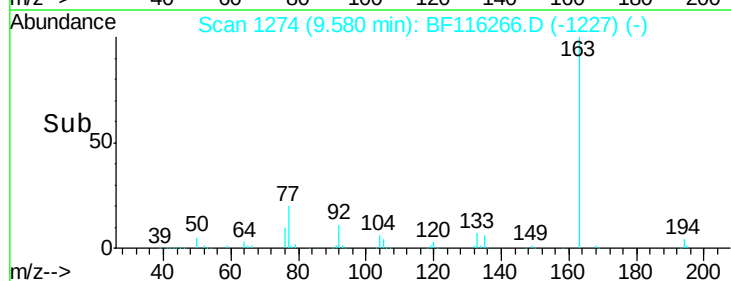
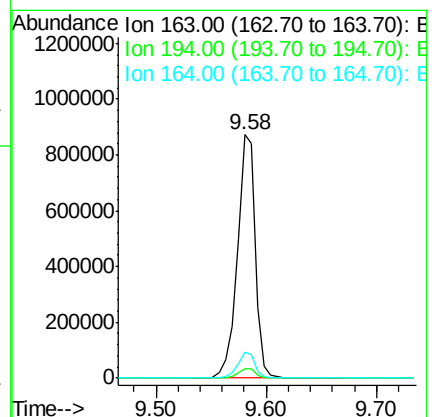
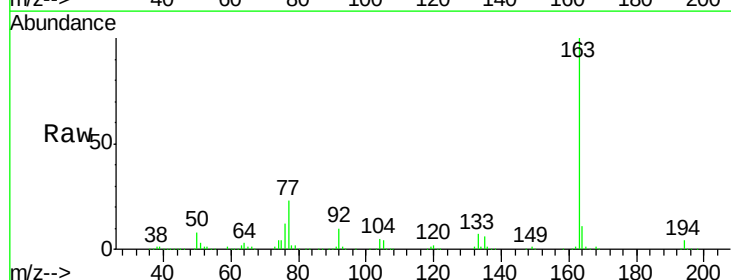
Tgt Ion:163 Resp: 994103

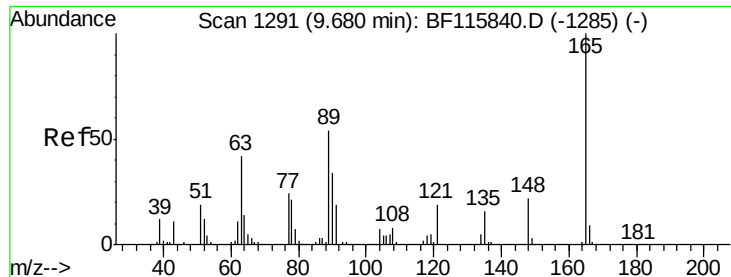
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.6 8.4 12.6





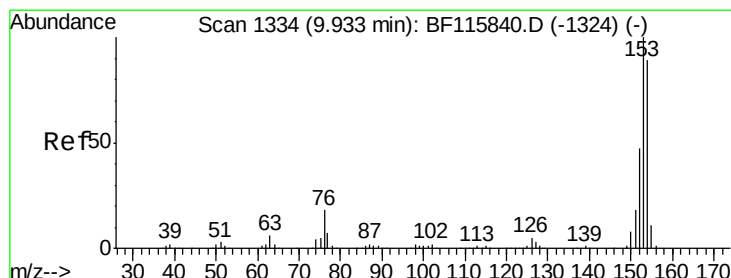
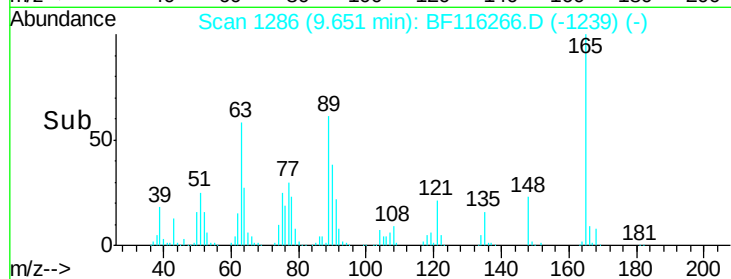
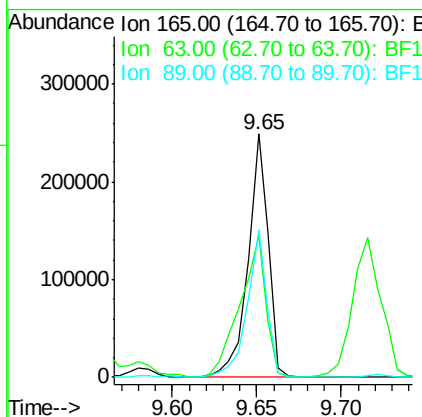
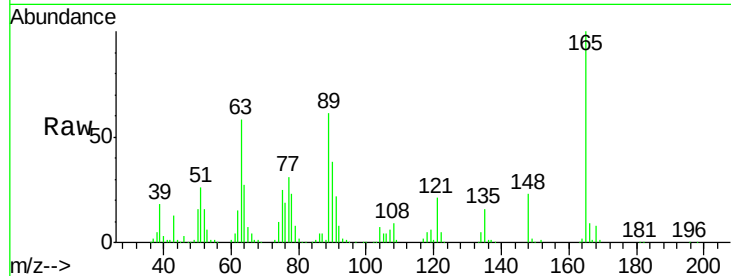
#51
 2,6-Dinitrotoluene
 Concen: 40.553 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209476		
63	58.0		38.2	57.2#
89	60.6		42.9	64.3

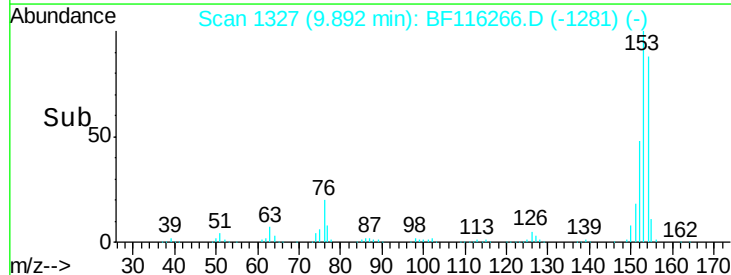
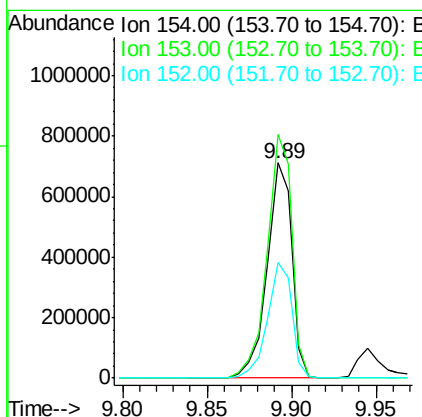
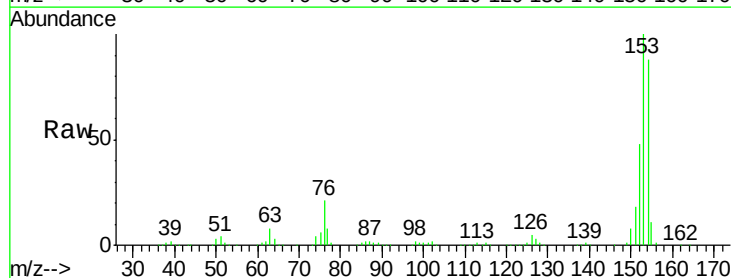
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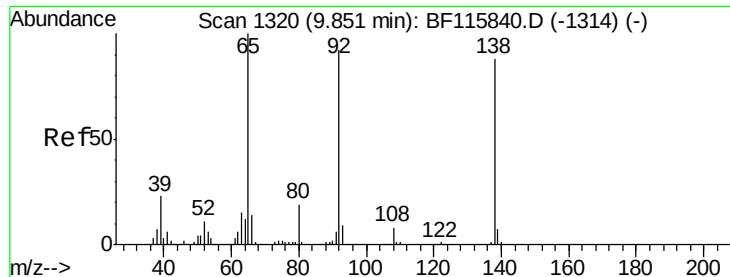
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#52
 Acenaphthene
 Concen: 39.035 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	716656		
153	113.2		89.4	134.0
152	53.9		42.3	63.5





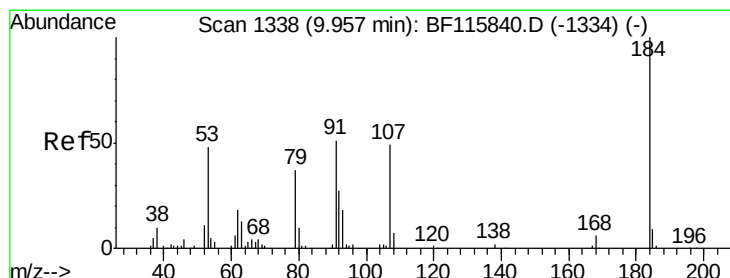
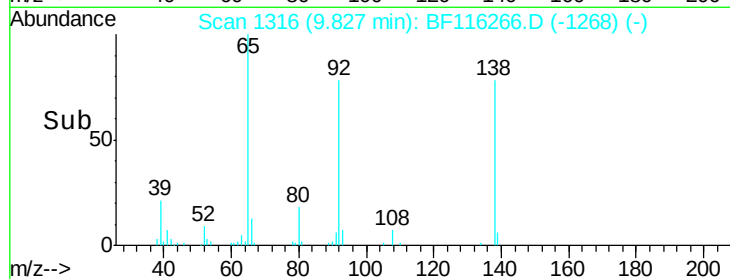
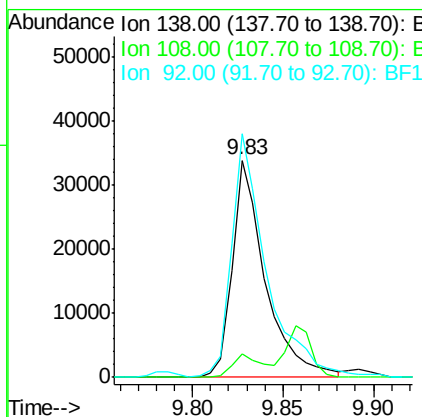
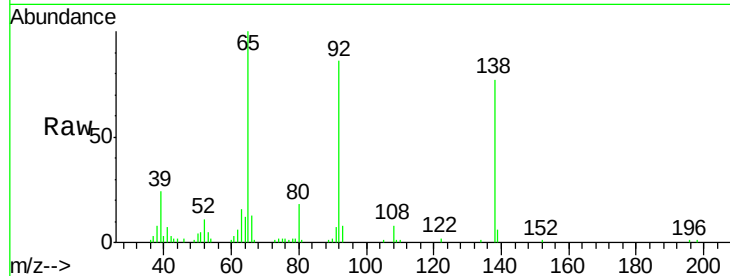
#53
 3-Nitroaniline
 Concen: 6.740 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.0	12.0
92	112.1	91.0	136.6

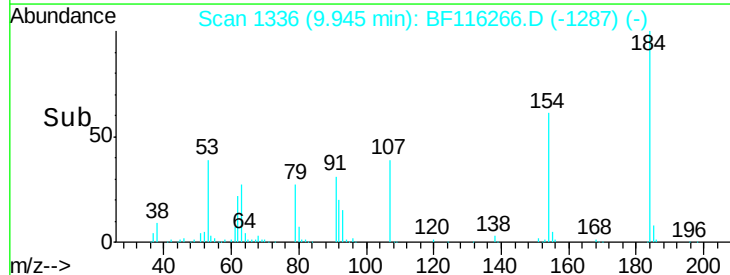
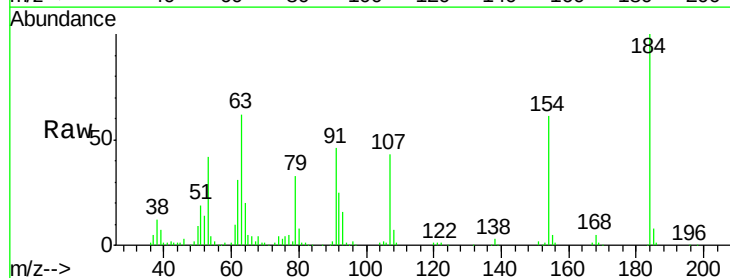
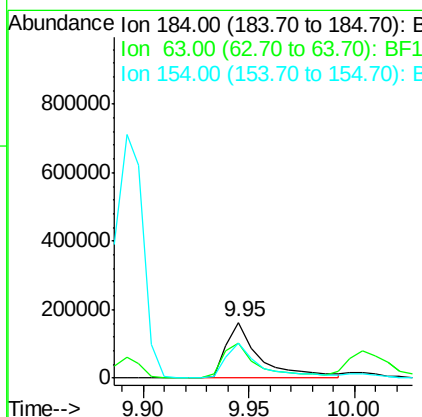
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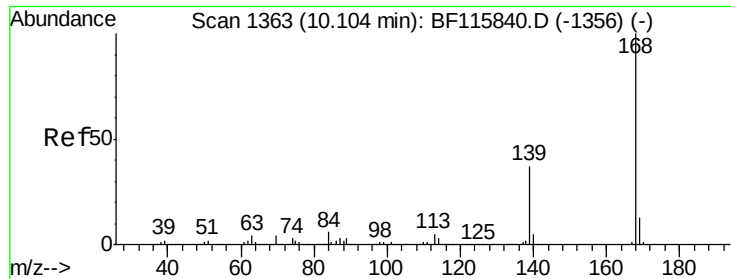
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#54
 2,4-Dinitrophenol
 Concen: 70.252 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.3	53.0	79.4
154	61.5	50.1	75.1





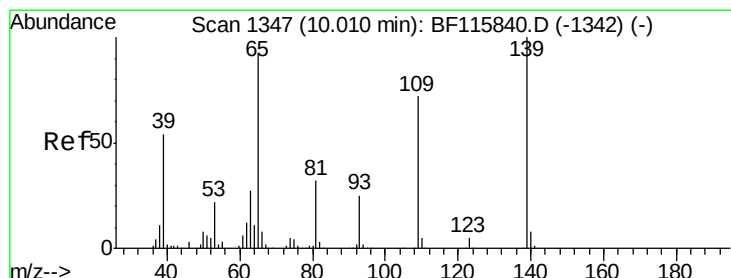
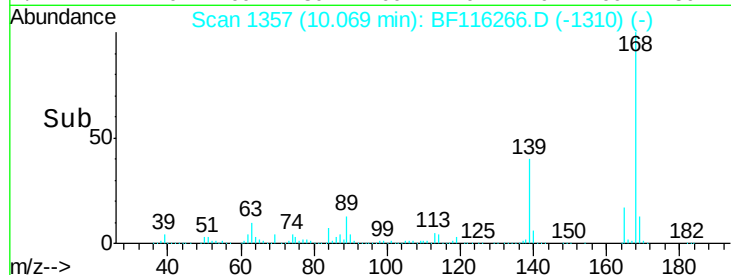
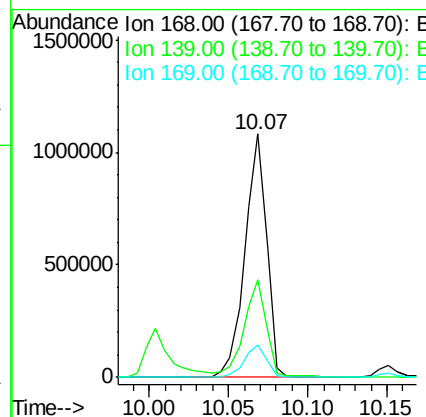
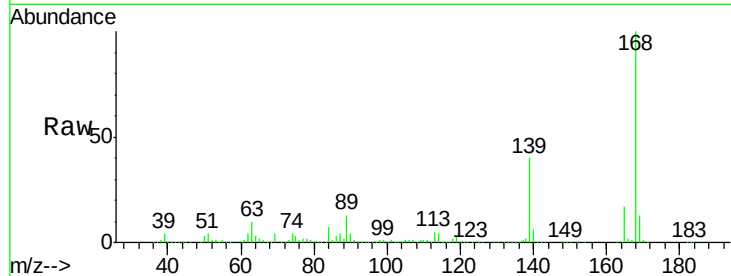
#55
Dibenzofuran
Concen: 38.103 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.4	47.2
169	13.4	10.9	16.3

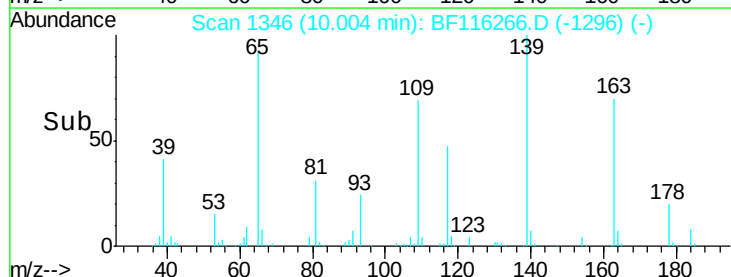
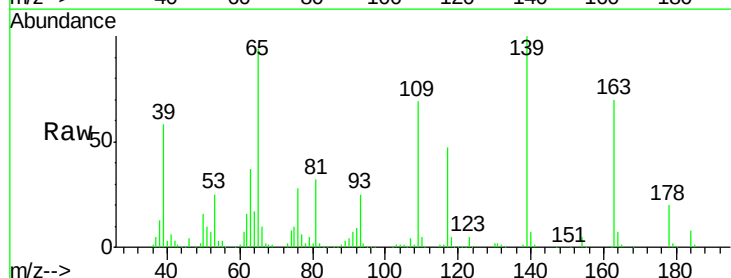
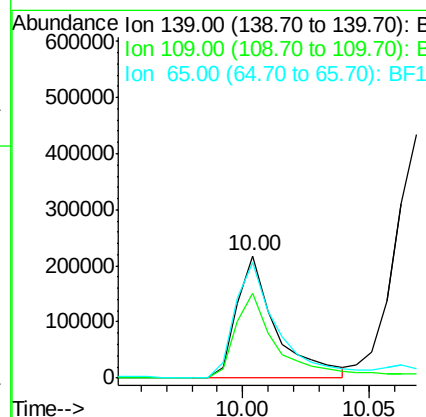
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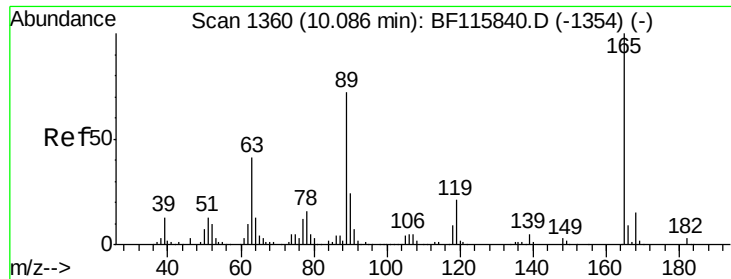
mohammad
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#56
4-Nitrophenol
Concen: 57.532 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.8	54.4	94.4
65	94.2	80.6	120.6





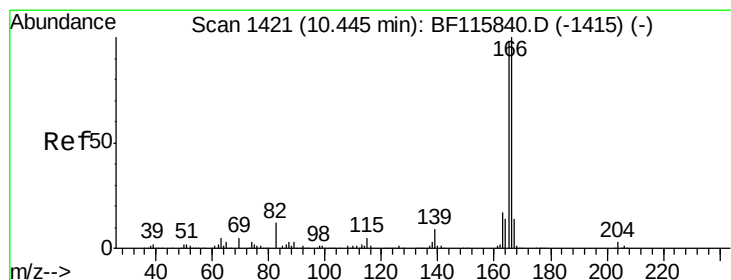
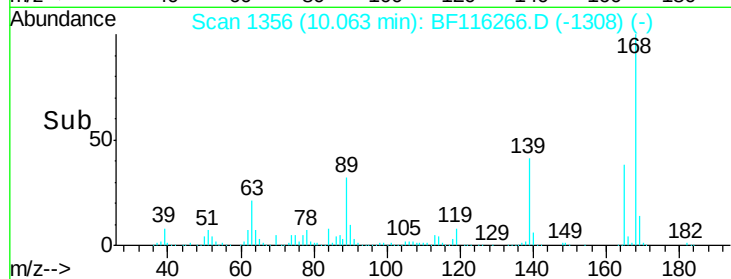
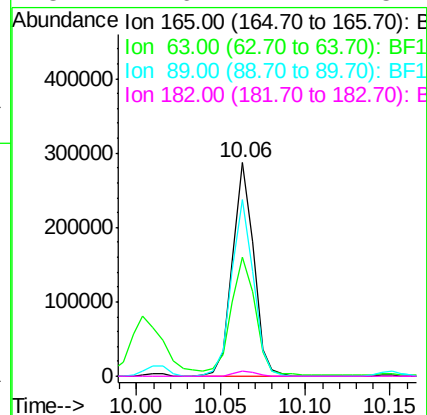
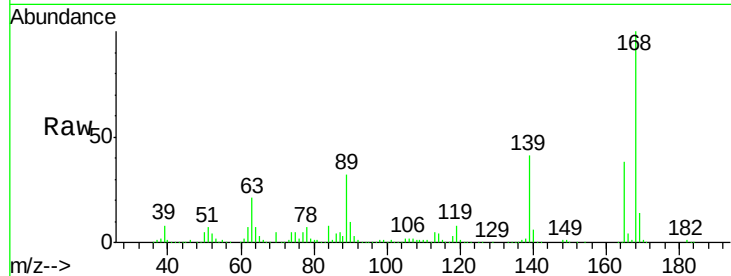
#57
2,4-Dinitrotoluene
Concen: 36.505 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		251063		
63	55.9	39.6	59.4		
89	83.0	62.2	93.2		
182	2.6	2.1	3.1		

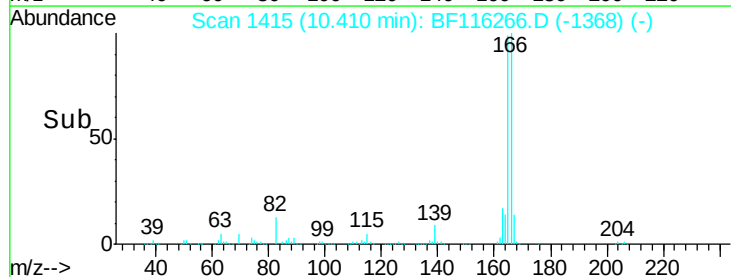
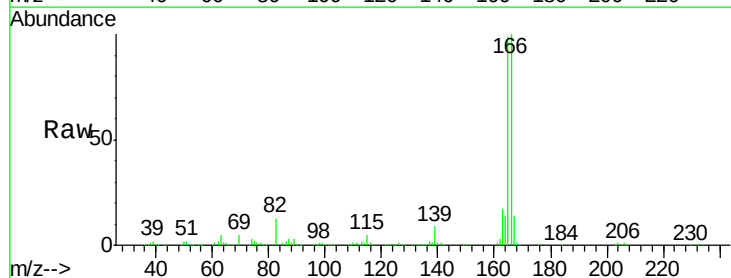
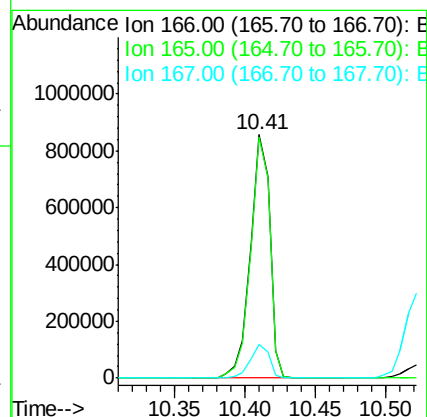
Manual Integrations
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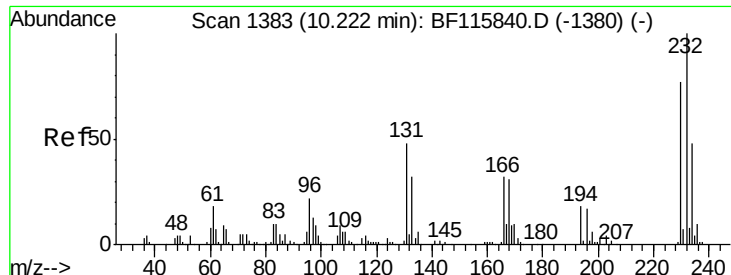
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#58
Fluorene
Concen: 40.131 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		824353		
165	99.1	78.4	117.6		
167	13.7	11.0	16.4		





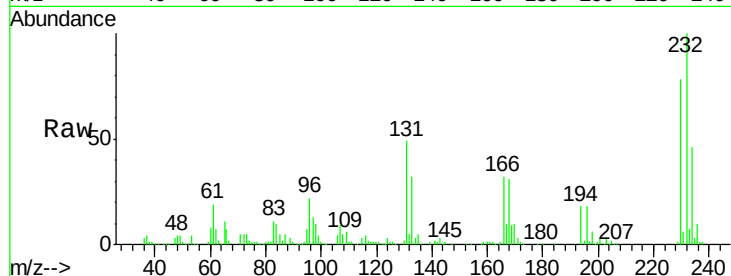
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.612 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

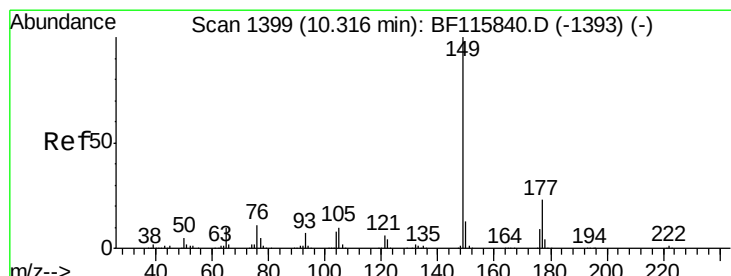
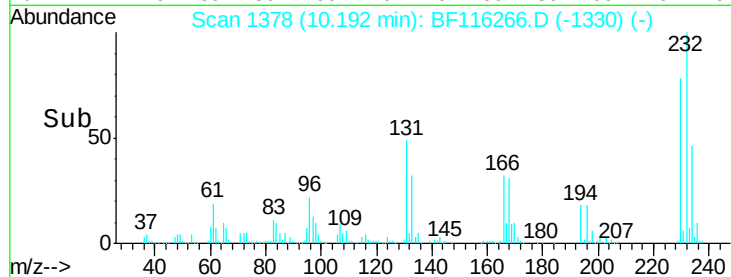
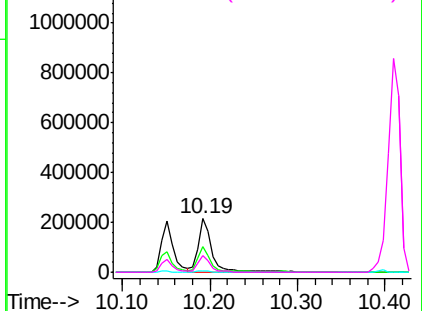
Tot Ion	Ratio	Resp	Lower	Upper
232	100	232469		
131	44.2	36.2	54.2	
130	2.4	1.9	2.9	
166	28.8	23.0	34.4	

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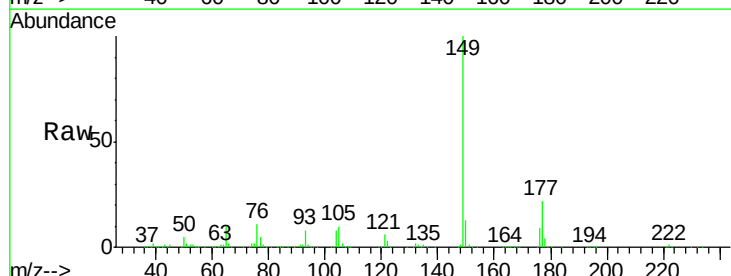


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

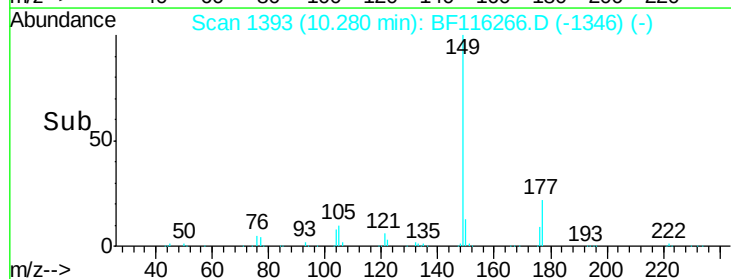
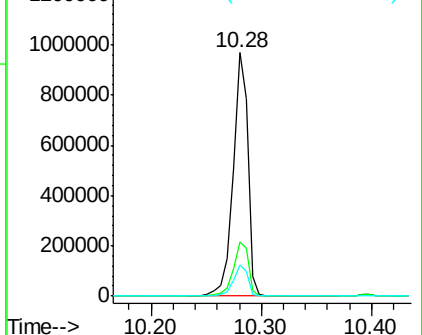


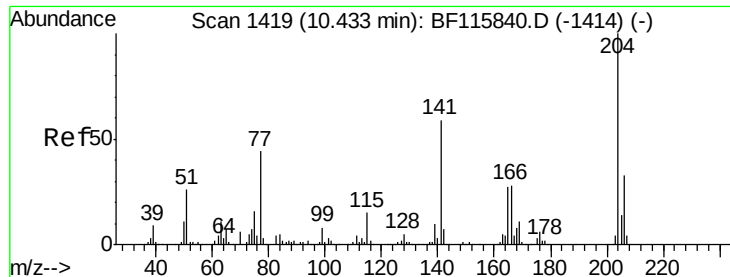
#60
 Diethylphthalate
 Concen: 41.000 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	909855		
177	22.3	18.8	28.2	
150	13.0	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





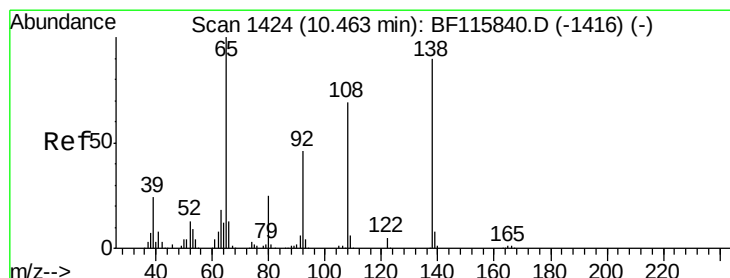
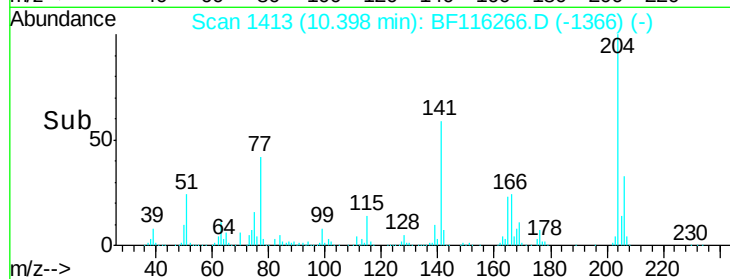
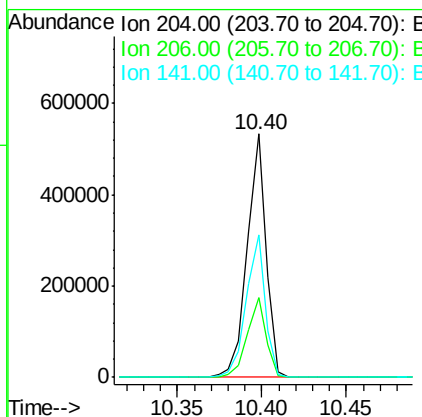
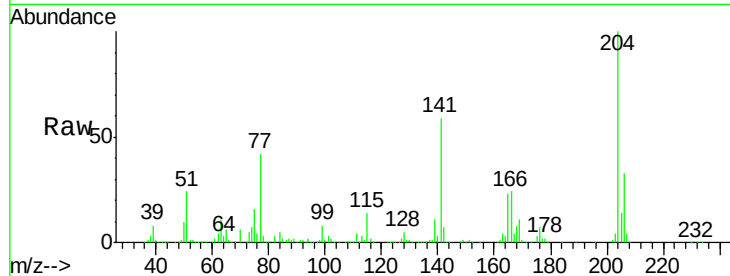
#61
 4-Chlorophenyl-phenylether
 Concen: 40.511 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion:	204	Resp:	421442
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.4	39.6
141	58.6	46.4	69.6

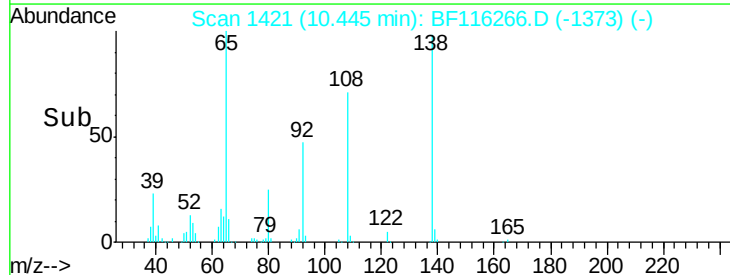
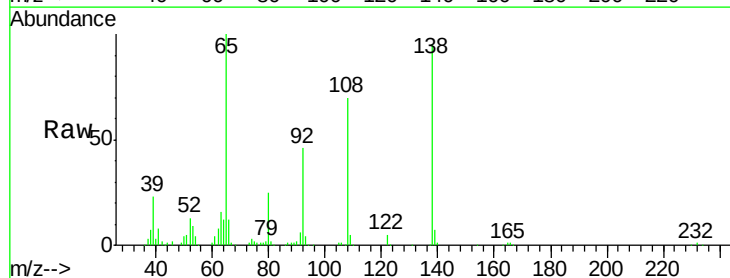
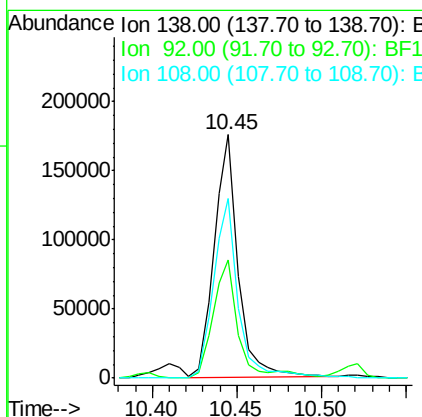
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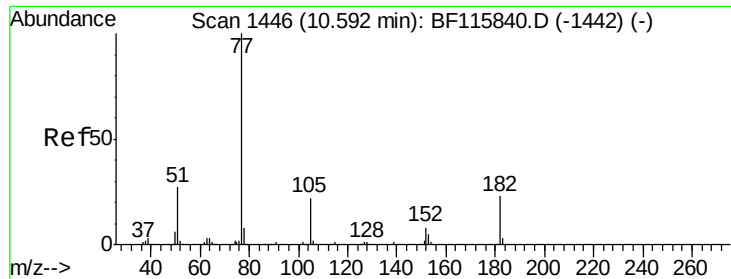
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#62
 4-Nitroaniline
 Concen: 26.311 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion:	138	Resp:	173549
Ion Ratio	Lower	Upper	
138	100		
92	48.6	29.0	69.0
108	74.0	54.7	94.7





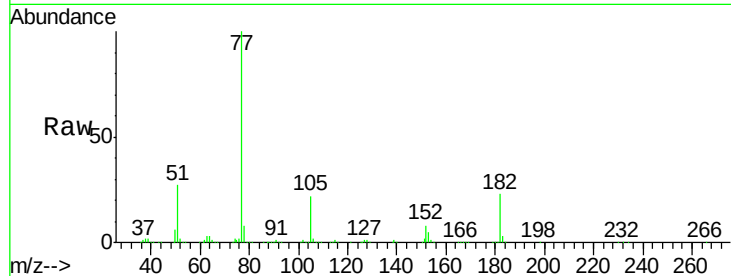
#63
Azobenzene
Concen: 40.909 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

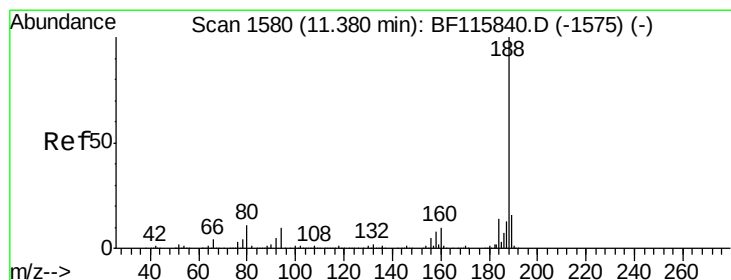
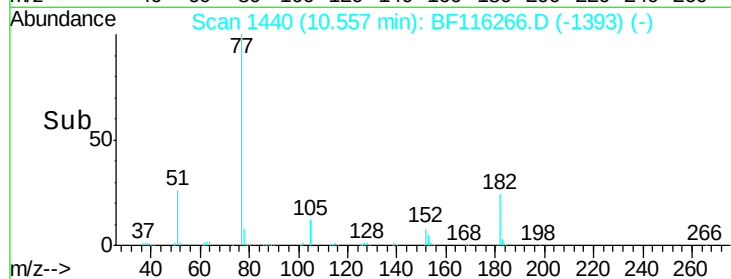
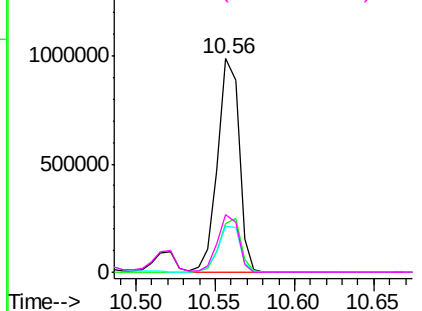
Tot Ion	Ratio	Resp	Lower	Upper
77	100	933772		
182	22.8	4.0	44.0	
105	21.5	2.0	42.0	
51	26.8	7.5	47.5	

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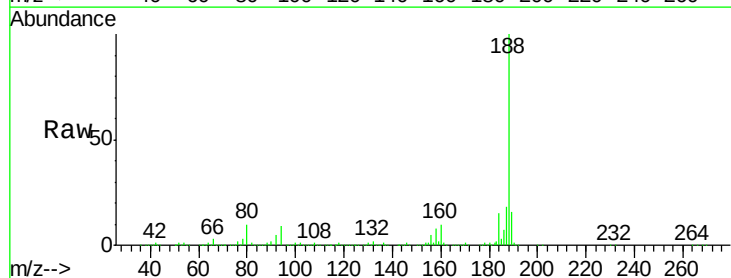


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

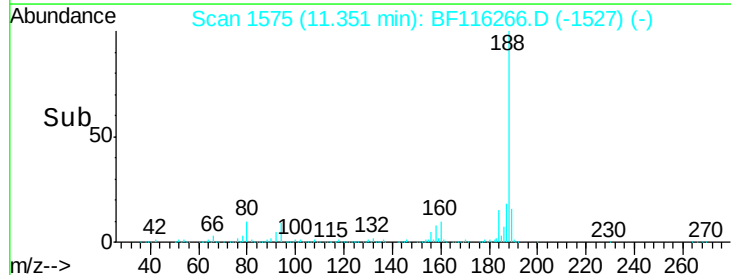
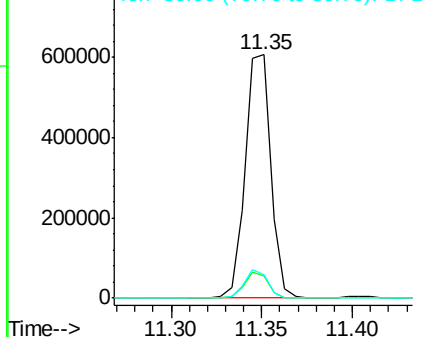


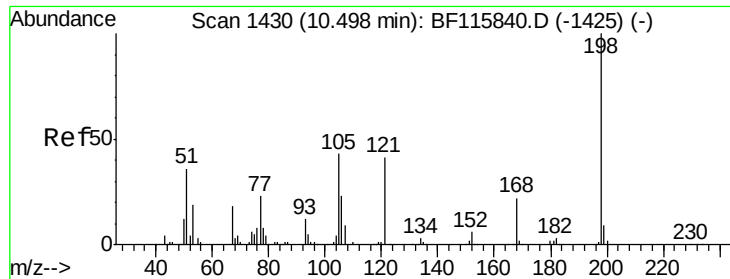
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	593159		
94	9.2	8.1	12.1	
80	9.9	8.7	13.1	



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





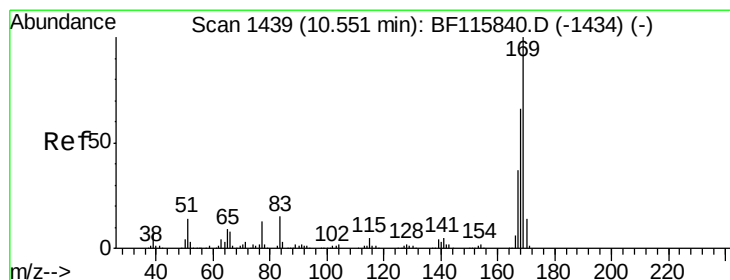
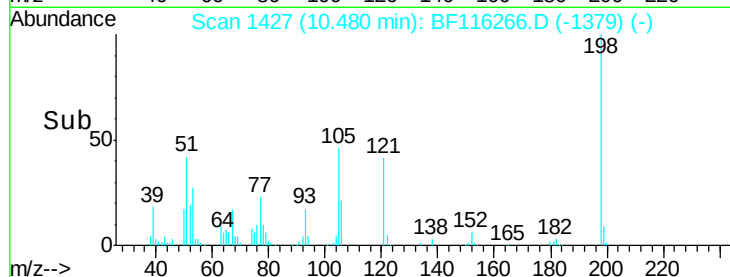
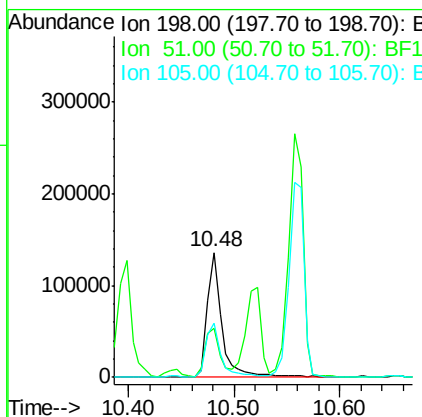
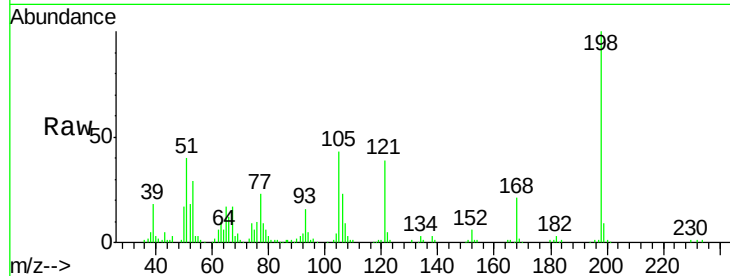
#65
4,6-Dinitro-2-methylphenol
Concen: 42.709 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	134248		
51	39.5	17.0	57.0	
105	43.3	21.6	61.6	

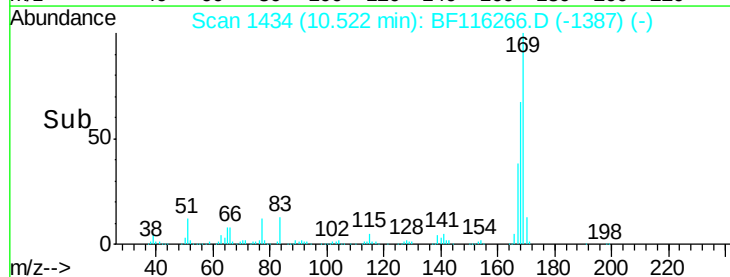
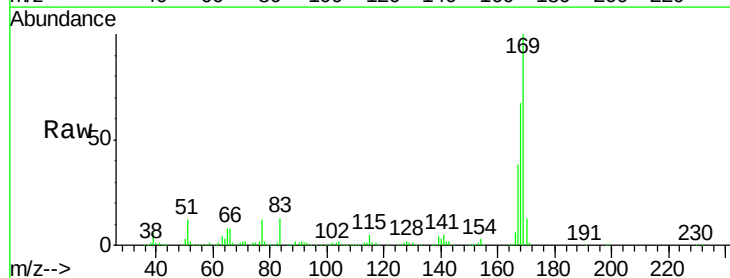
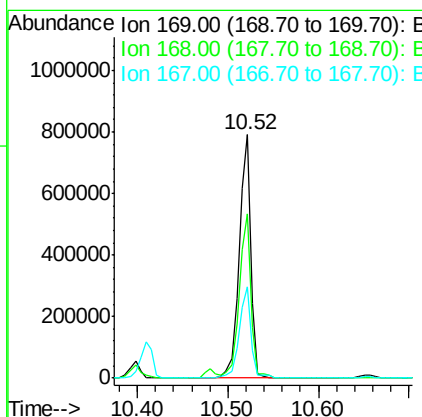
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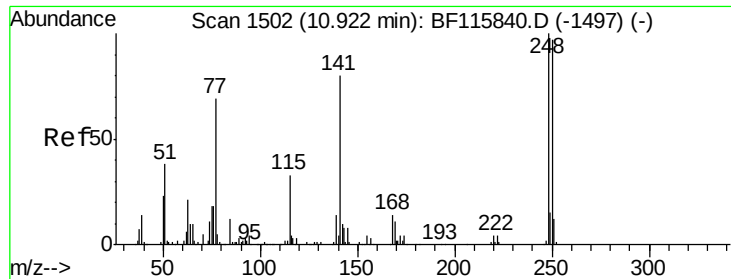
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#66
n-Nitrosodiphenylamine
Concen: 40.276 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	719075		
168	67.2	53.8	80.6	
167	37.7	29.6	44.4	





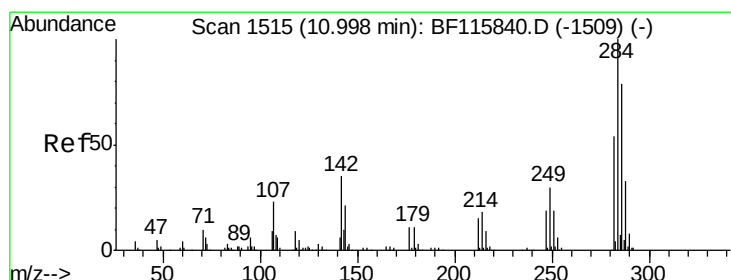
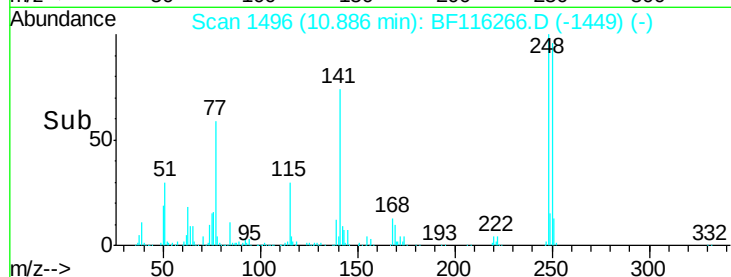
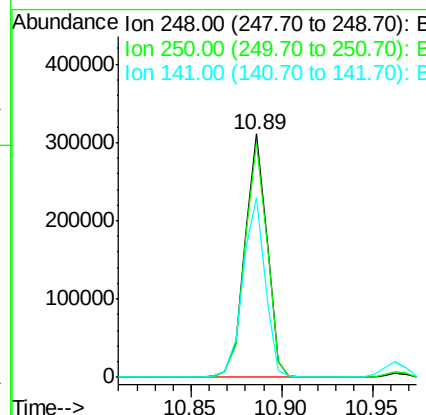
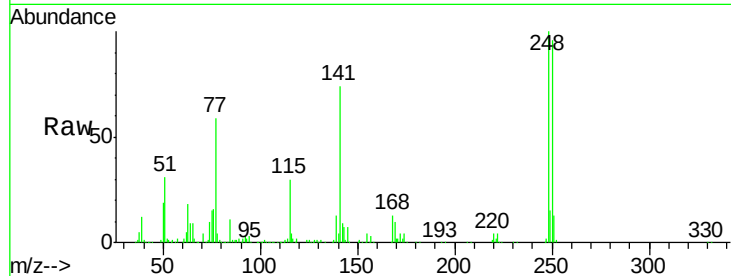
#67
4-Bromophenyl-phenylether
Concen: 41.301 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	73.6	56.8	85.2

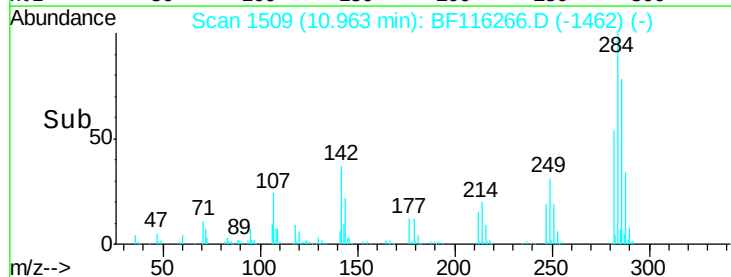
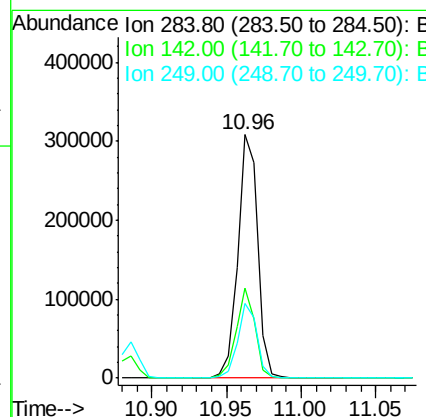
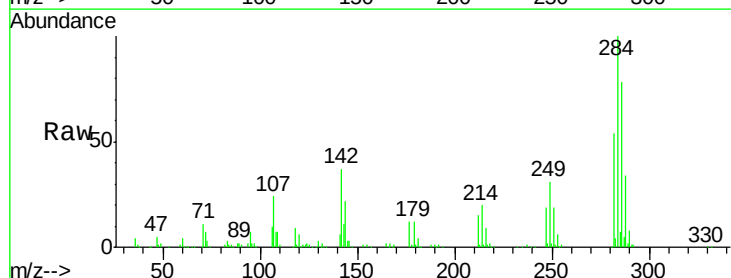
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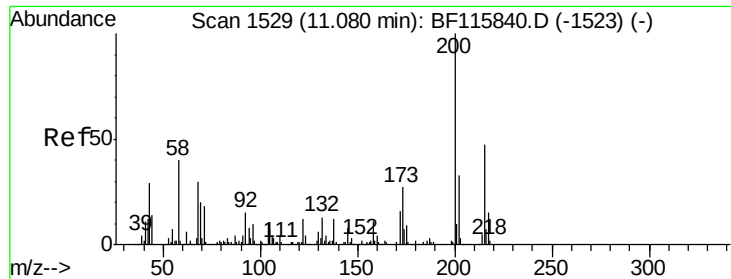
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#68
Hexachlorobenzene
Concen: 39.443 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.4	42.6
249	30.6	24.5	36.7





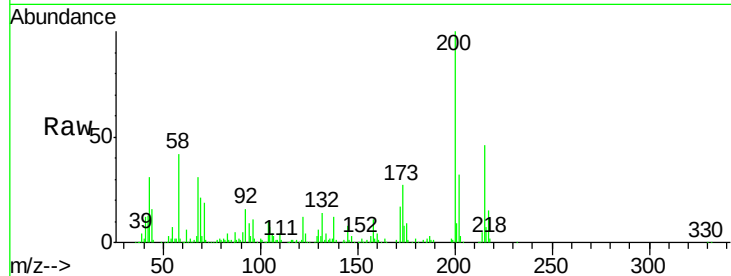
#69
Atrazine
Concen: 33.478 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

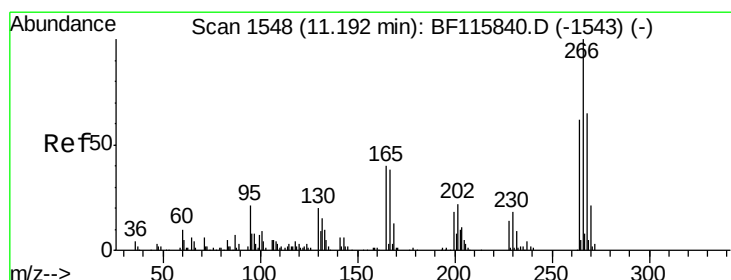
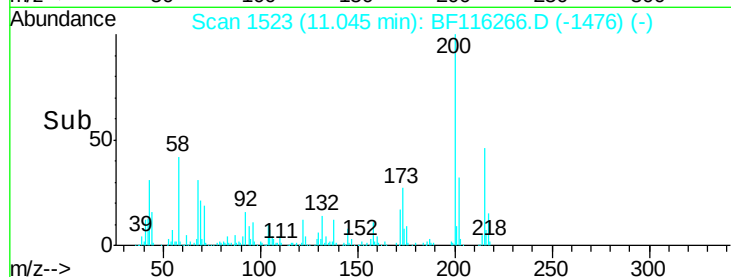
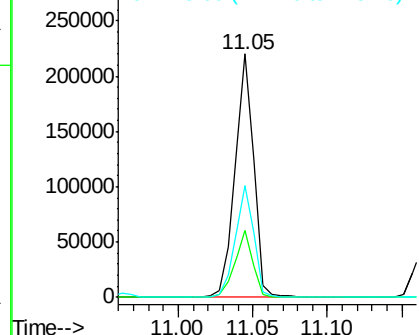
Tot Ion	Ratio	Resp	Lower	Upper
200	100	196634		
173	27.4	6.8	46.8	
215	45.8	27.5	67.5	

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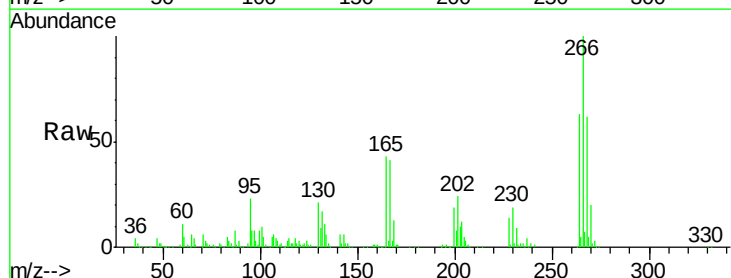


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

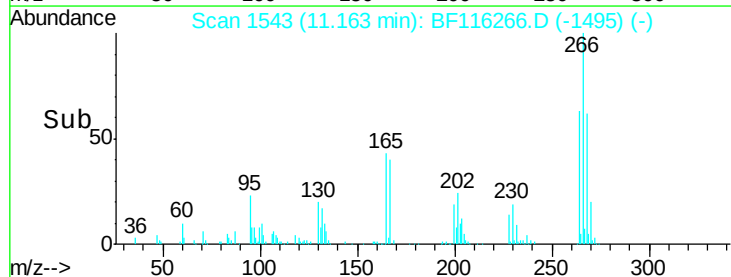
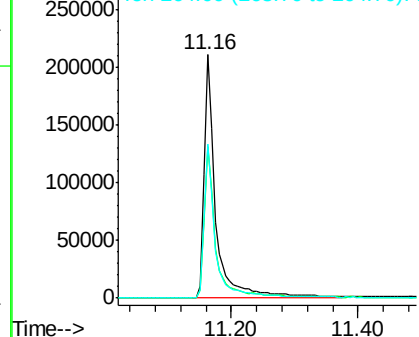


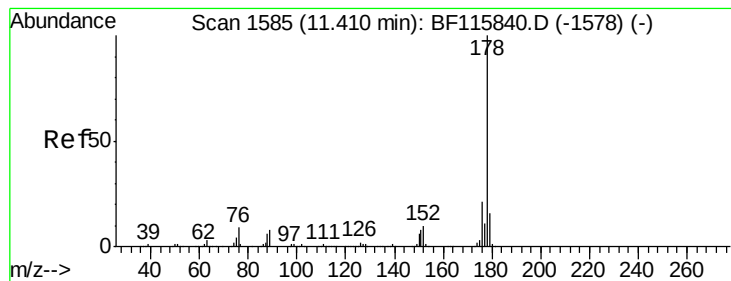
#70
Pentachlorophenol
Concen: 75.139 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	267851		
268	62.4	48.8	73.2	
264	63.4	50.6	76.0	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.412 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MS

Tot Ion:178 Resp: 1195108

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

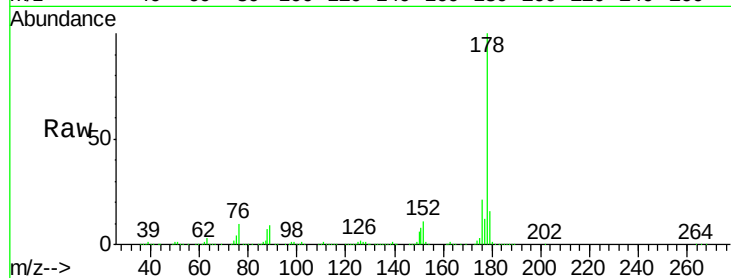
179 15.9 12.5 18.7

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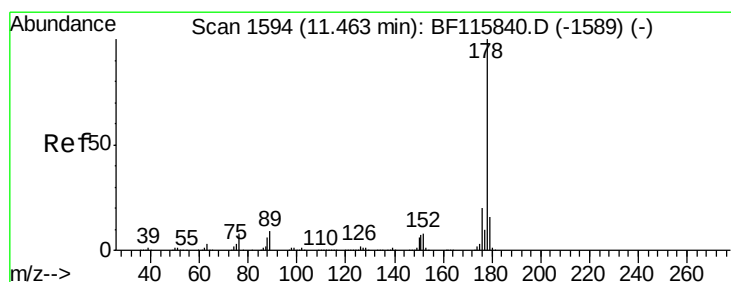
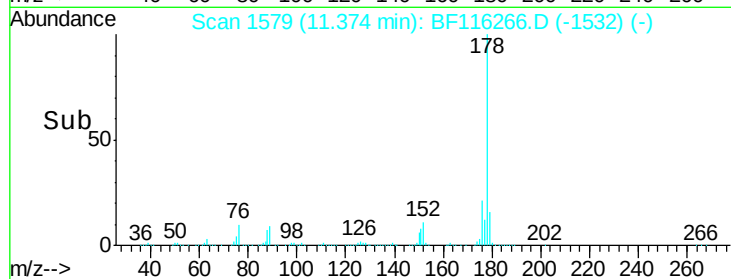
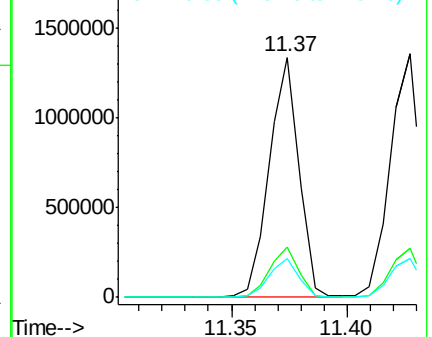
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.118 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Tgt Ion:178 Resp: 1261855

Ion Ratio Lower Upper

178 100

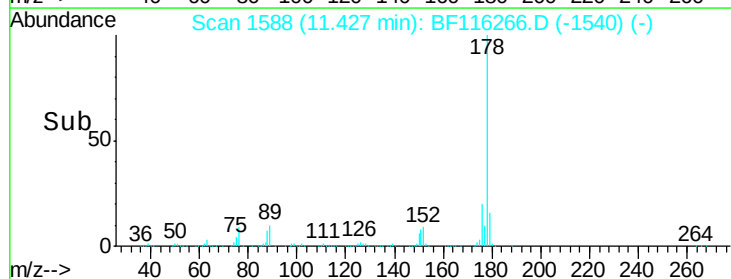
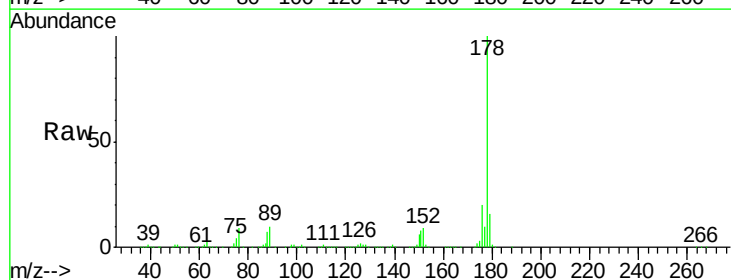
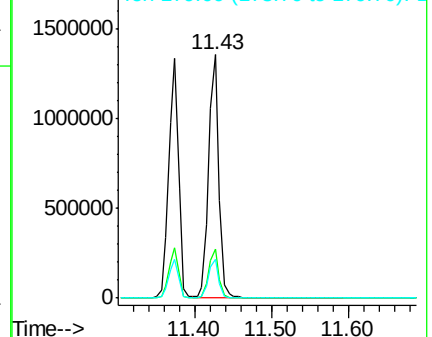
176 20.2 15.7 23.5

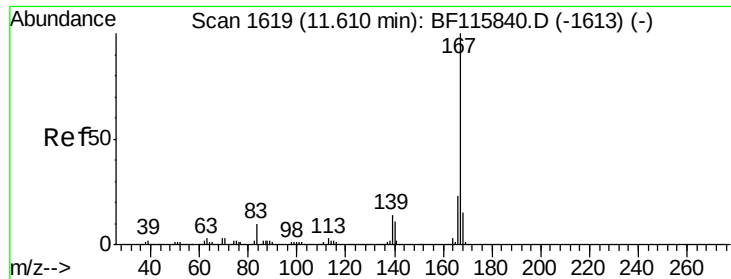
179 16.0 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





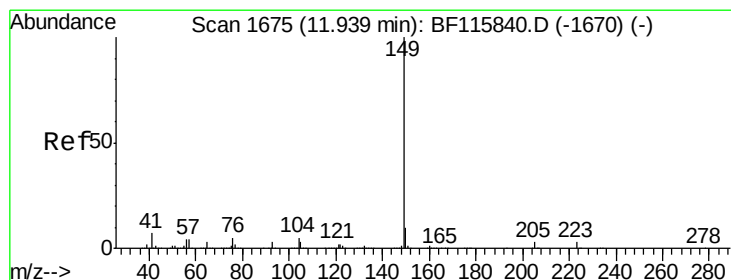
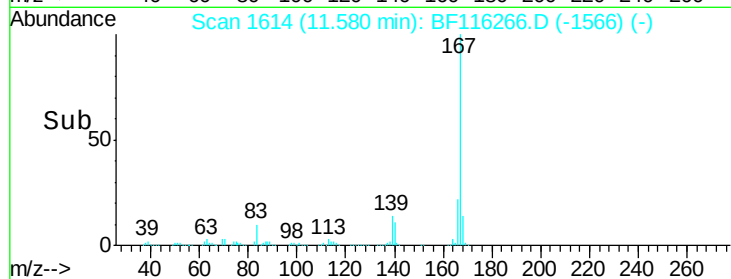
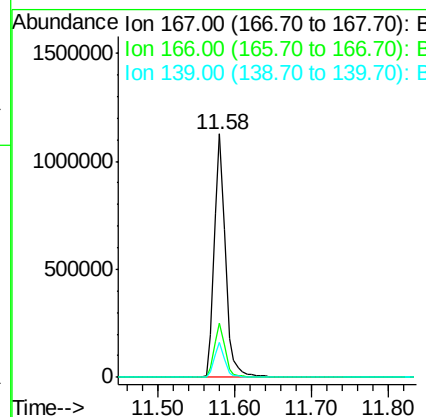
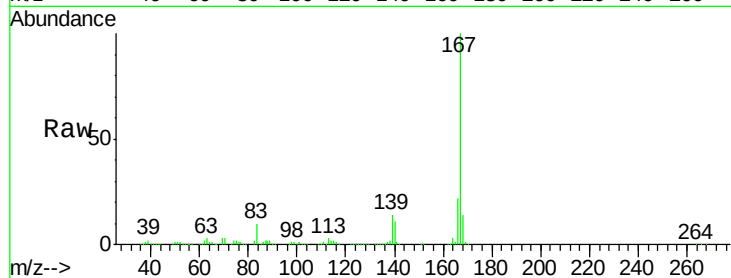
#73
 Carbazole
 Concen: 40.190 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.1	11.4	17.0

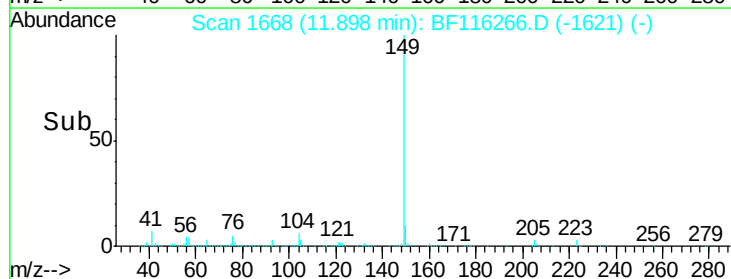
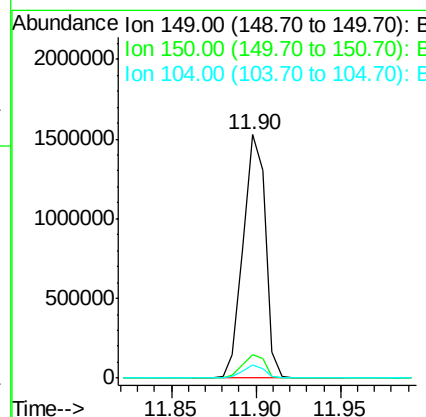
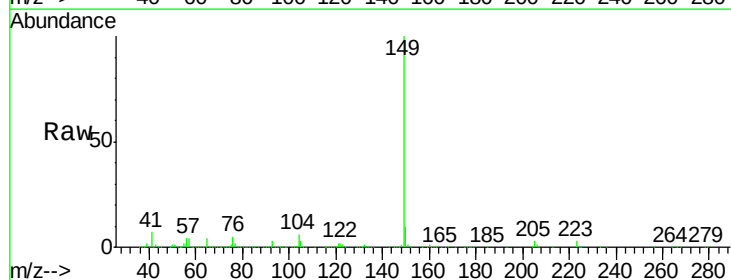
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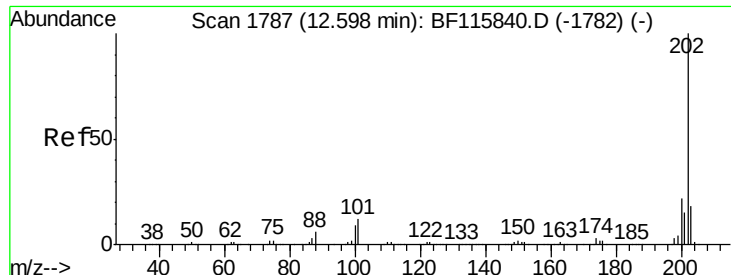
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#74
 Di-n-butylphthalate
 Concen: 43.268 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 40.023 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

ClientSampleId :

OK-03-081219MS

Tot Ion:202 Resp: 1270558

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.2

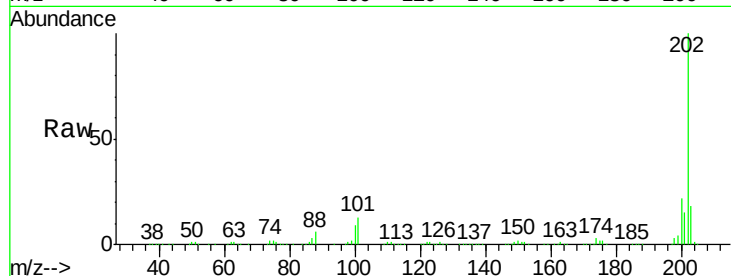
203 17.8 0.0 37.8

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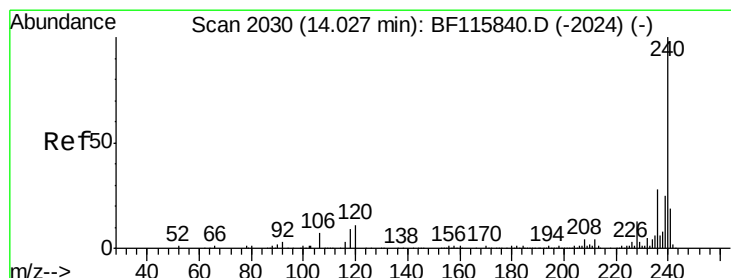
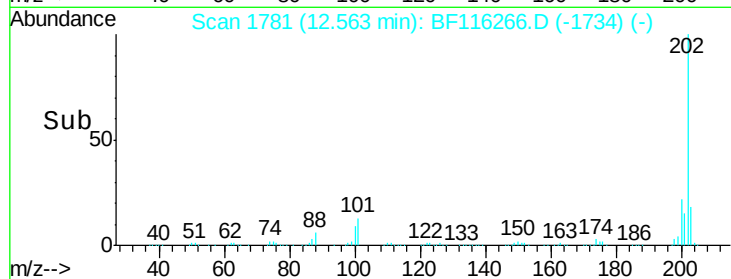
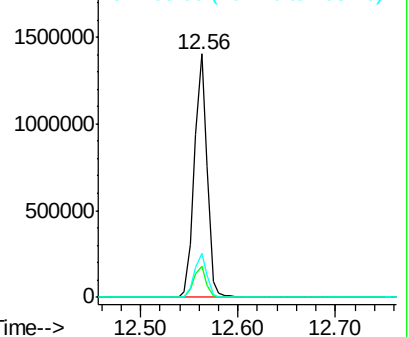
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Abundance Ion 202.00 (201.70 to 202.70): E

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# 2024

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

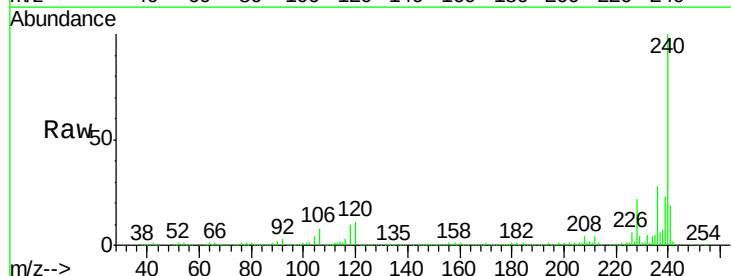
Tgt Ion:240 Resp: 412510

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

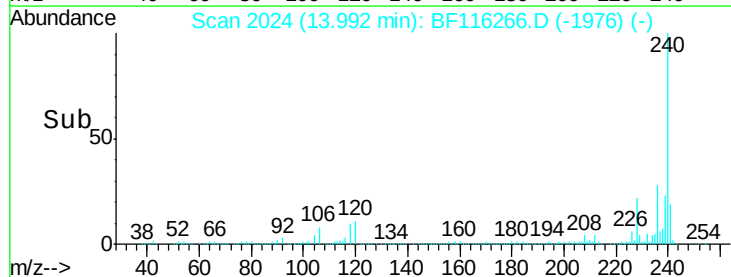
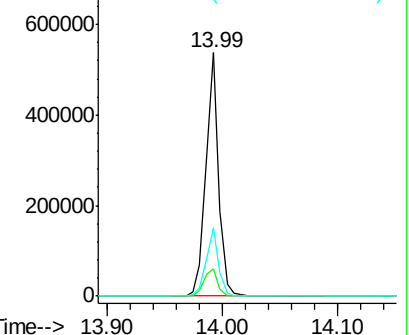
236 27.9 22.2 33.2

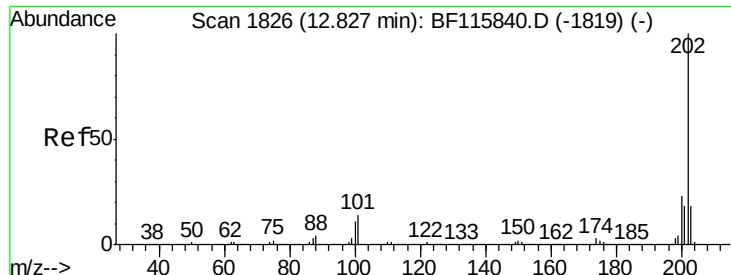


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





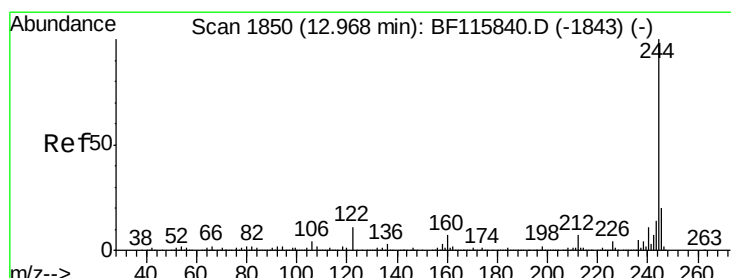
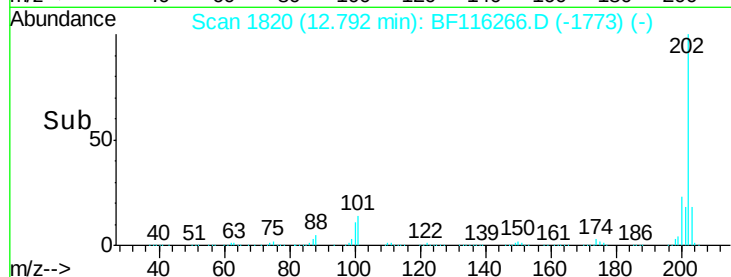
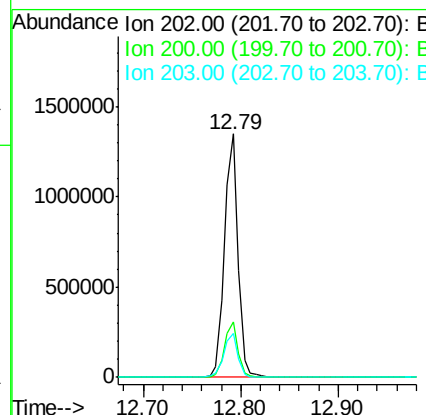
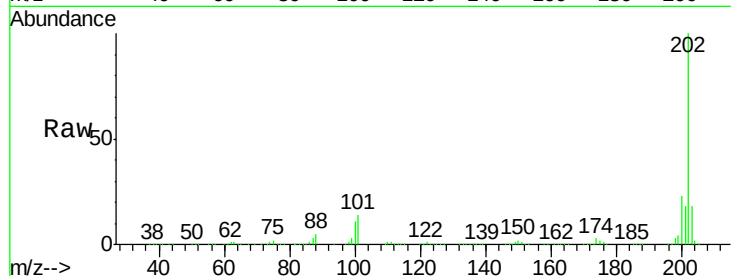
#78
Pvrene
Concen: 41.762 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.0	27.0
203	18.0	14.1	21.1

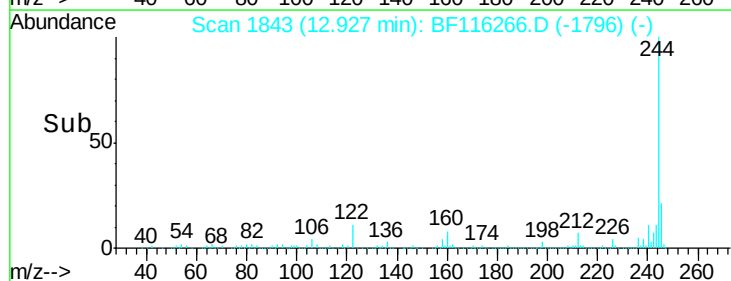
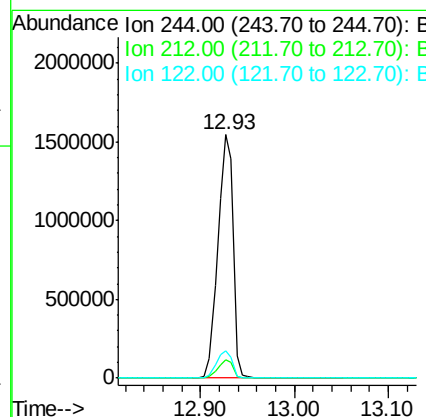
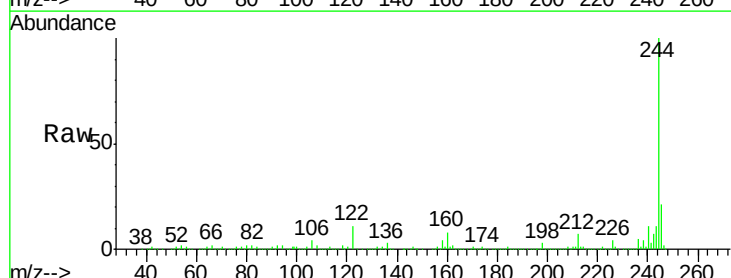
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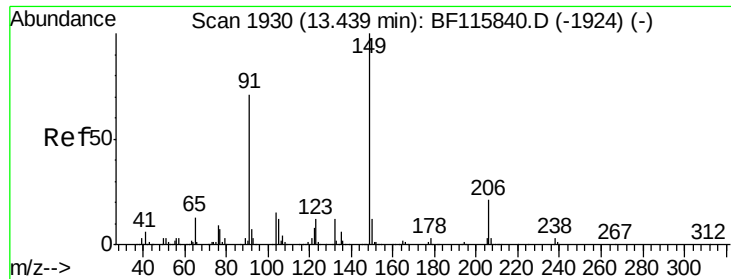
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#79
Terphenyl-d14
Concen: 90.179 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.5	9.0	13.4





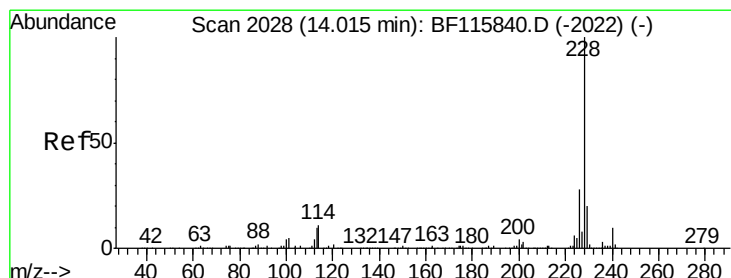
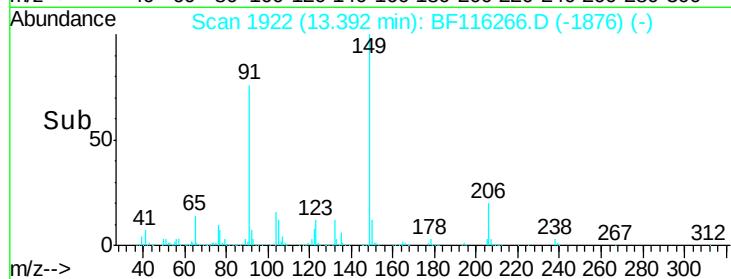
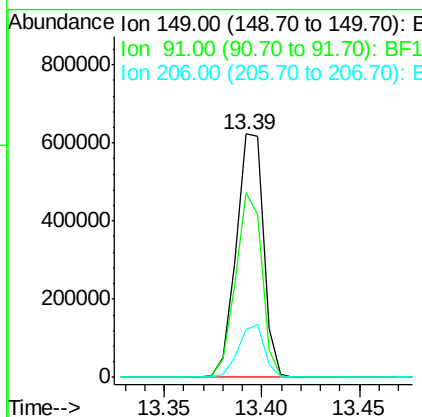
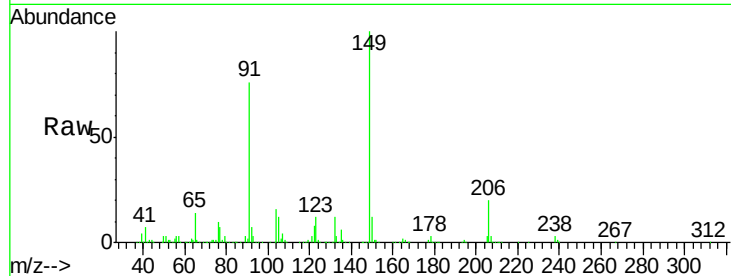
#80
Butylbenzylphthalate
Concen: 46.207 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.8	56.3	84.5
206	19.7	18.0	27.0

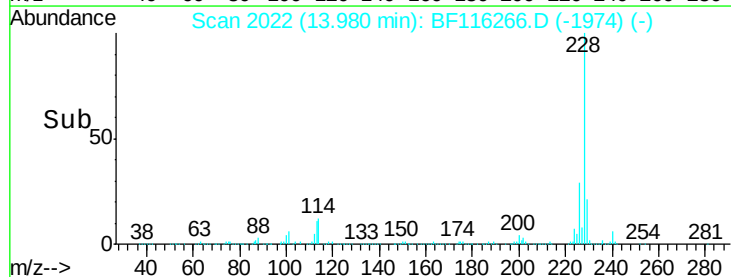
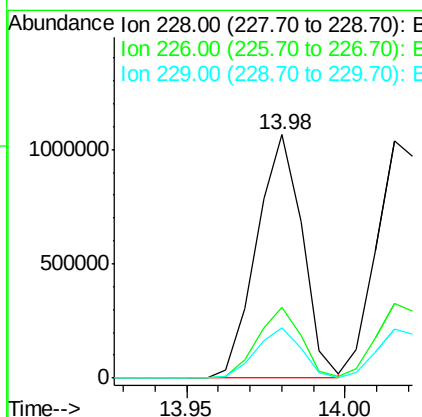
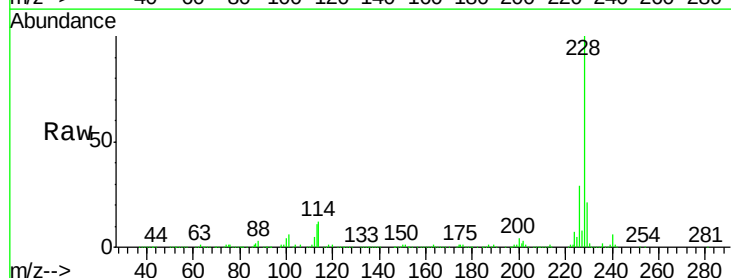
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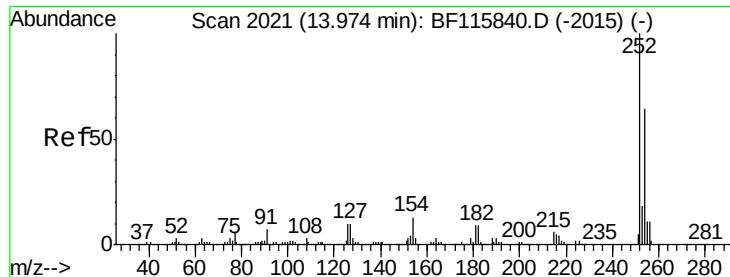
mohammad
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#81
Benzo(a)anthracene
Concen: 40.192 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.5	16.2	24.4





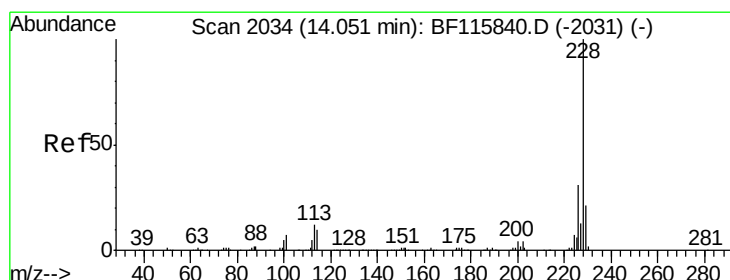
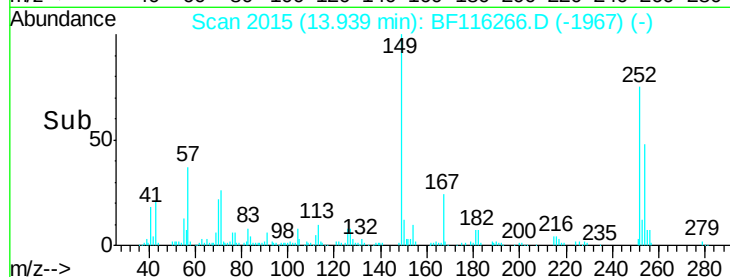
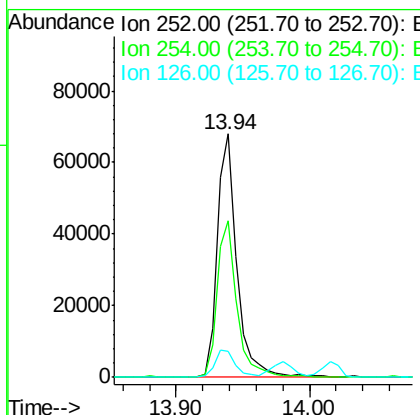
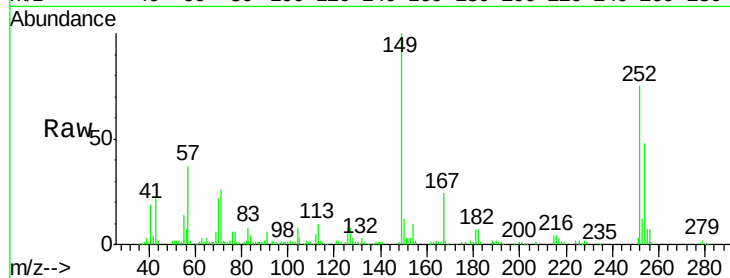
#82
 3,3'-Dichlorobenzidine
 Concen: 7.719 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.9	76.3
126	10.7	9.8	14.8

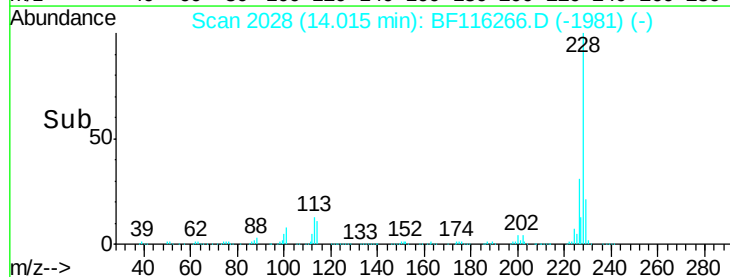
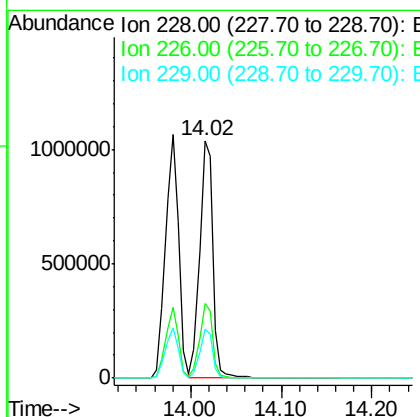
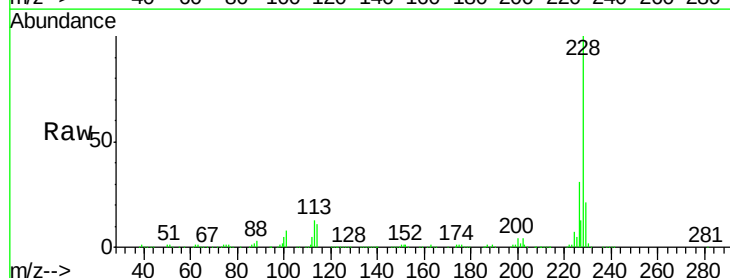
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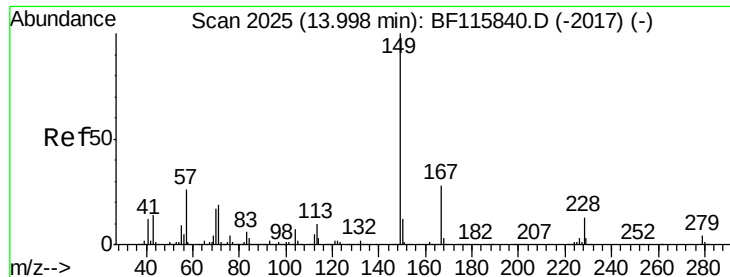
mohammad
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#83
 Chrysene
 Concen: 41.292 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	20.5	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.818 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

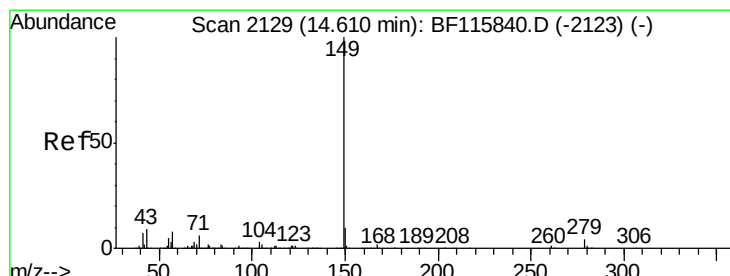
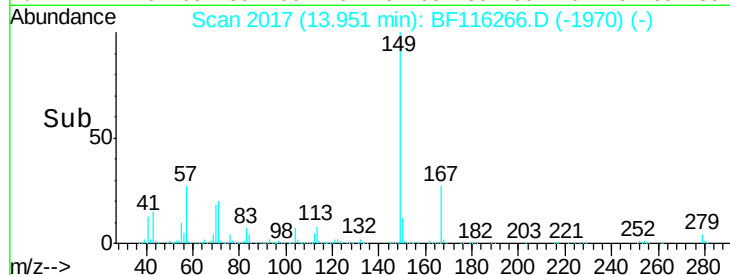
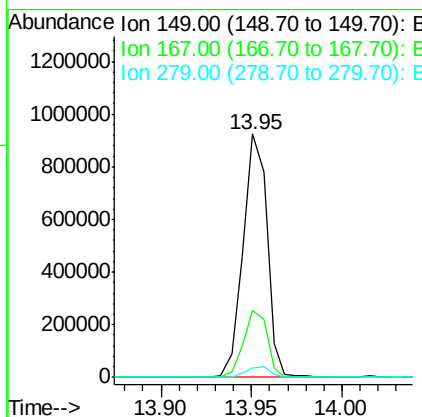
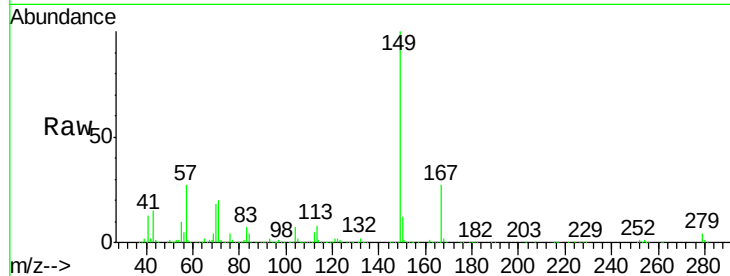
ClientSampleId :

OK-03-081219MS

Tot Ion:	149	Resp:	851535
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.6	32.4
279	3.8	3.0	4.4

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#85

Di-n-octyl phthalate

Concen: 48.760 ng

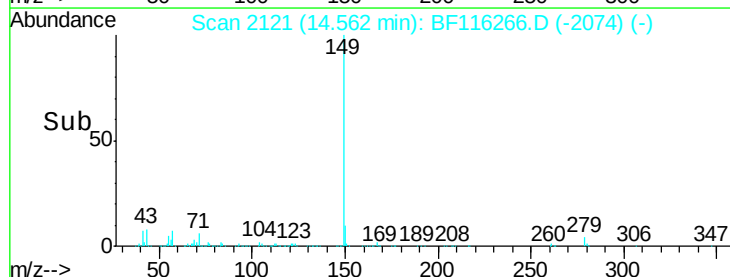
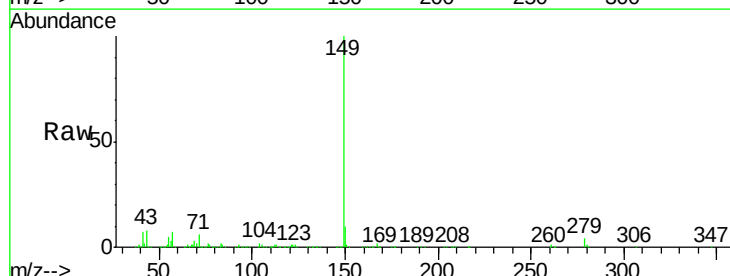
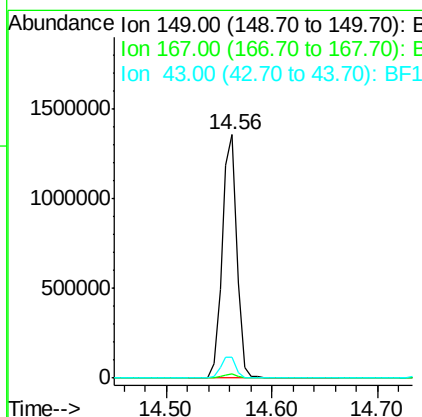
RT: 14.56 min Scan# 2121

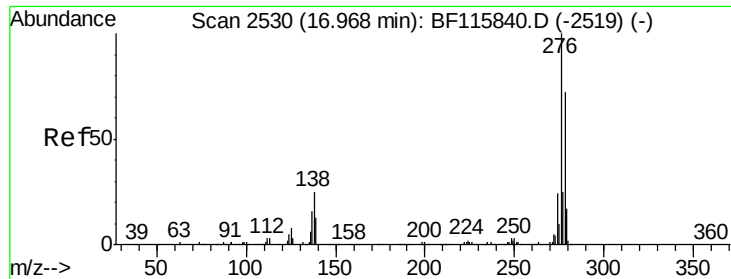
Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Tgt Ion:	149	Resp:	1323832
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3





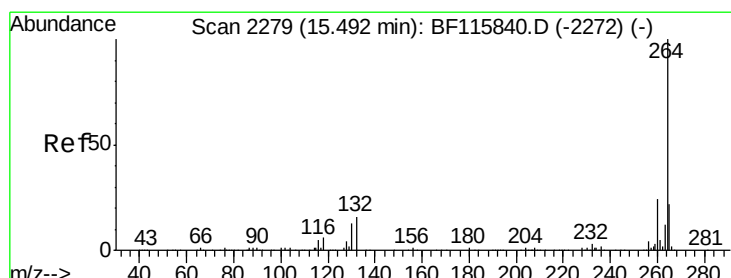
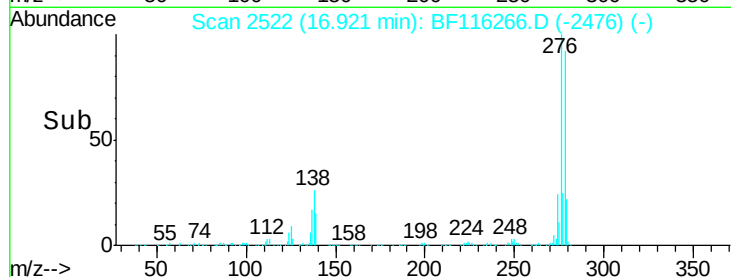
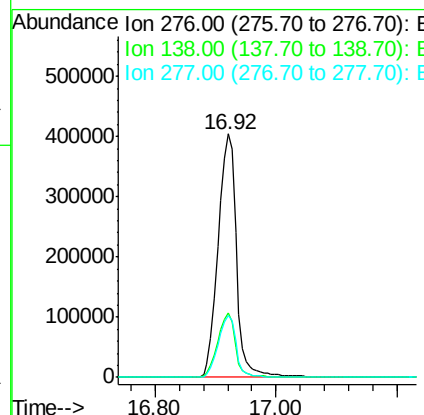
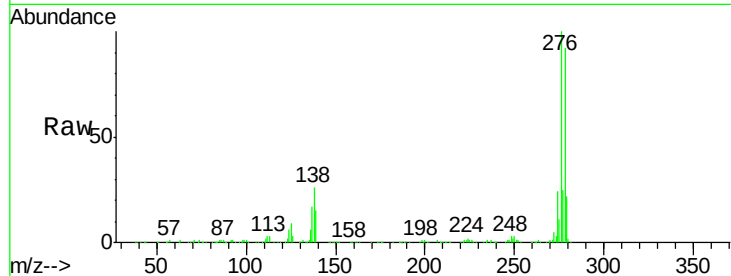
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.593 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.4	30.6
277	25.0	20.0	30.0

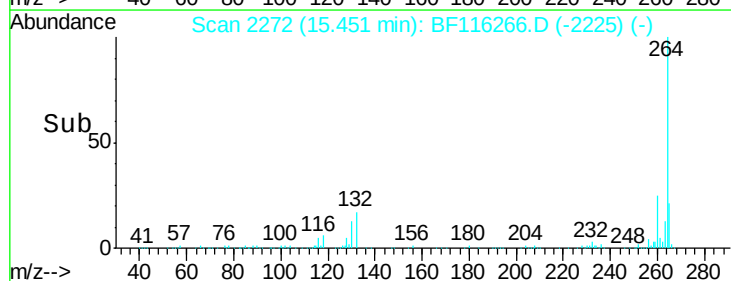
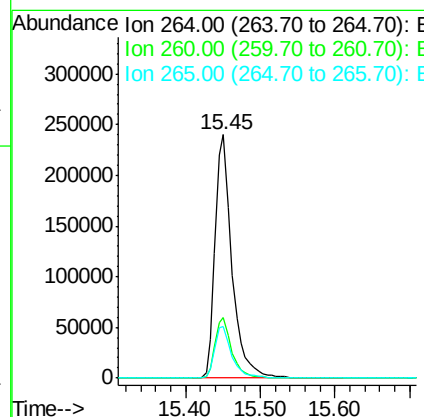
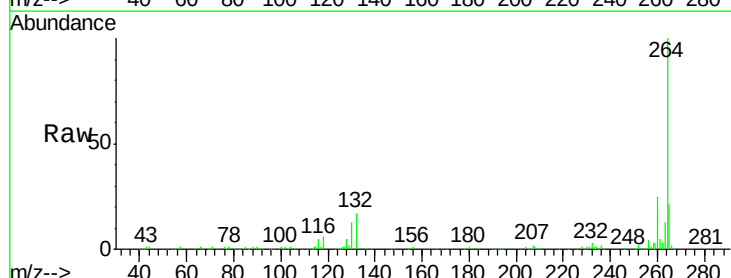
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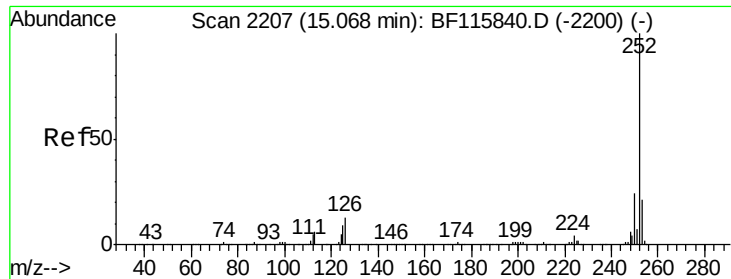
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.3	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 41.095 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Instrument :

BNA_F

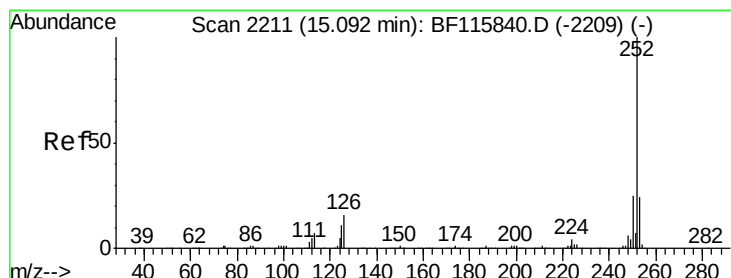
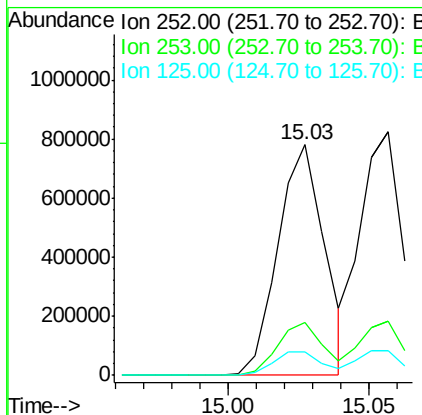
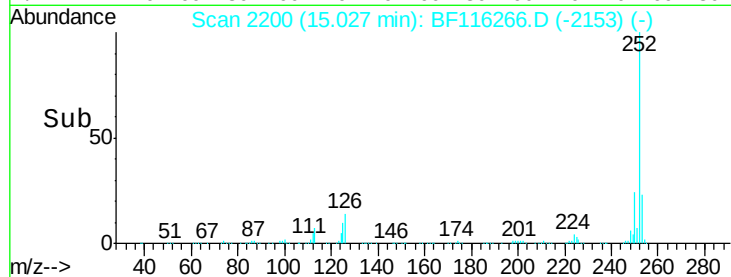
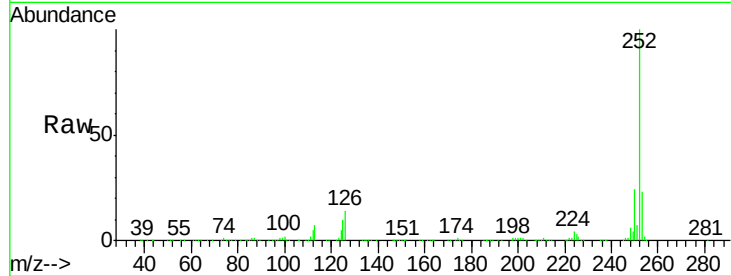
ClientSampleId :

OK-03-081219MS

Tot Ion:	252	Resp:	893996
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	10.3	8.4	12.6

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#89

Benzo(k)fluoranthene

Concen: 42.507 ng

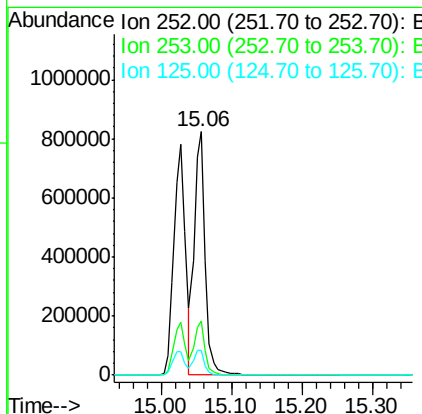
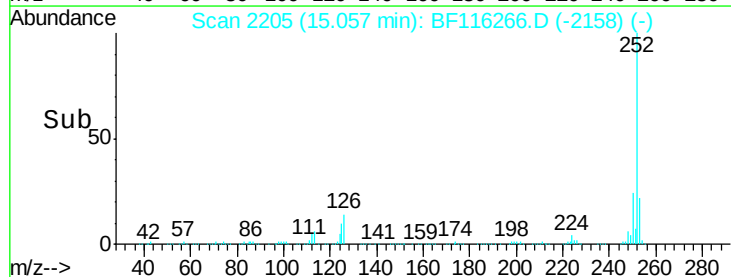
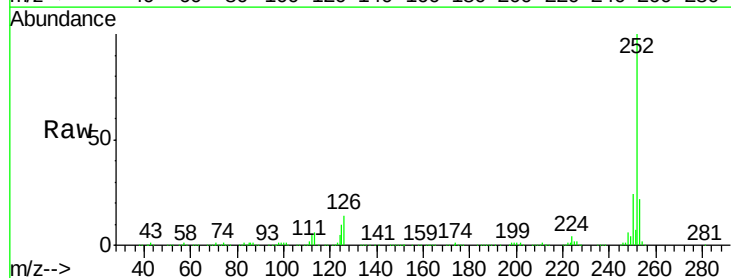
RT: 15.06 min Scan# 2205

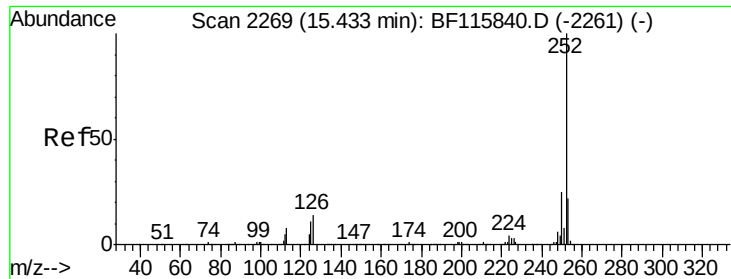
Delta R.T. -0.02 min

Lab File: BF116266.D

Acq: 14 Aug 2019 17:31

Tgt Ion:	252	Resp:	900682
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	10.0	7.7	11.5





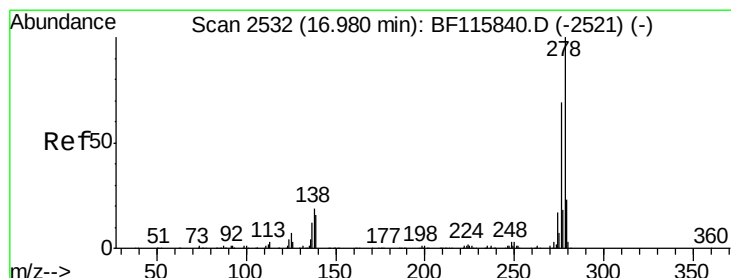
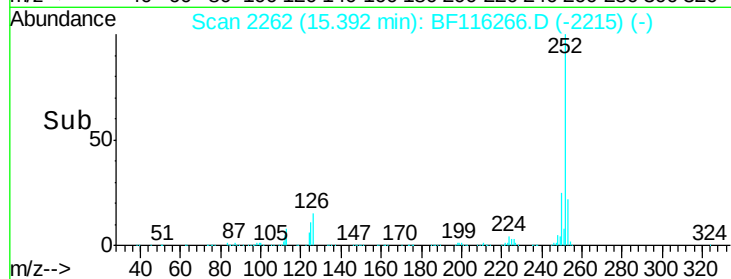
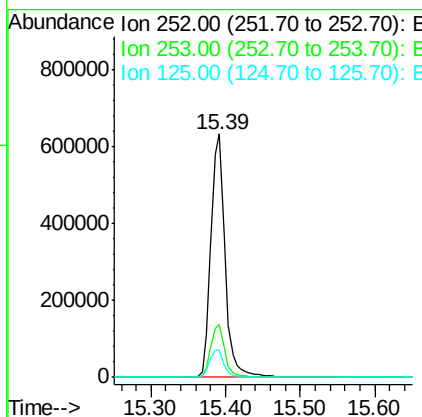
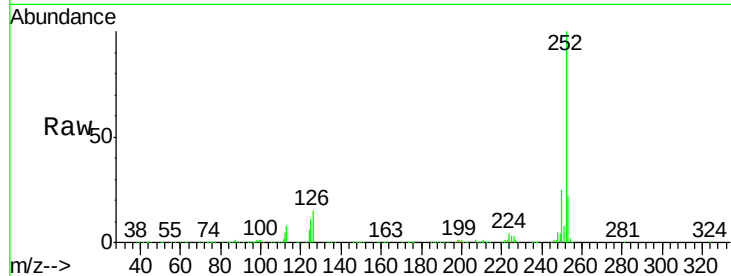
#90
Benzo(a)pyrene
Concen: 42.681 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.1	8.9	13.3

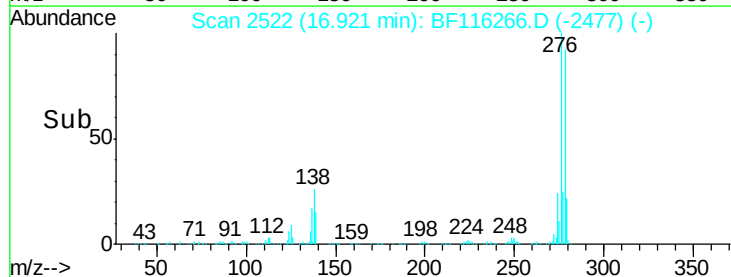
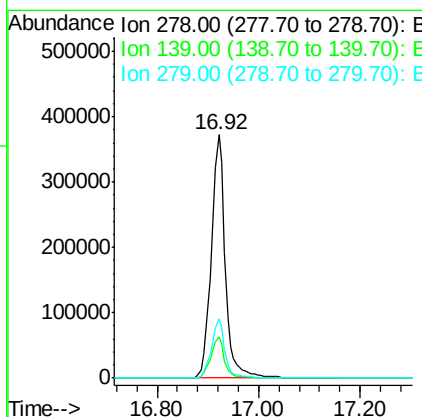
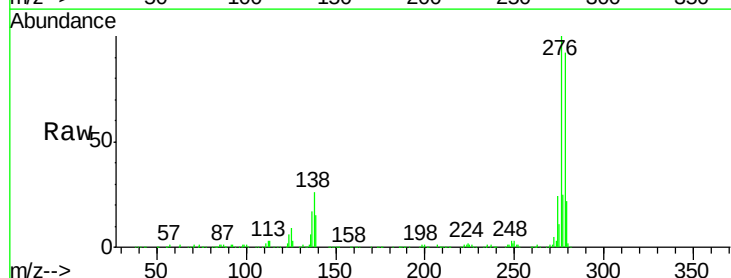
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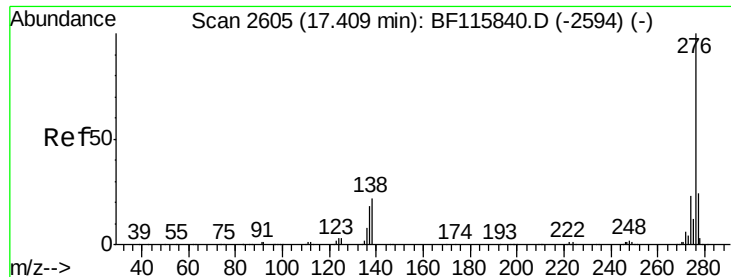
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 42.630 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF116266.D
Acq: 14 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	24.3	18.8	28.2





#92
 Benzo(a,h,i)perylene
 Concen: 42.683 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. -0.03 min
 Lab File: BF116266.D
 Acq: 14 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	22.3	17.0	25.6

Manual Integrations
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