

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116483.D
 Acq On : 23 Aug 2019 18:01
 Operator : HP/JU
 Sample : PB122424BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Manual Integrations
 APPROVED

Jagrut
 8/28/2019 8:09:42 AM

Quant Time: Aug 24 03:47:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103838	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	407282	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	192242	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	288193	20.00	ng	0.00
76) Chrysene-d12	14.03	240	180830	20.00	ng	0.00
87) Perylene-d12	15.49	264	194119	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	625068	87.96	ng	0.01
7) Phenol-d6	6.50	99	769761	88.34	ng	0.00
23) Nitrobenzene-d5	7.44	82	437065	58.71	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	152968	92.67	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	773955	64.83	ng	0.00
79) Terphenyl-d14	12.97	244	630692	65.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	118380	38.473	ng	98
3) Pyridine	3.49	79	286453	30.571	ng	98
4) n-Nitrosodimethylamine	3.43	42	124069	36.271	ng	97
6) Aniline	6.55	93	336247	28.503	ng	100
8) 2-Chlorophenol	6.67	128	270549	36.278	ng	99
9) Benzaldehyde	6.43	77	218853	37.590	ng	99
10) Phenol	6.52	94	323332m	34.170	ng	
11) bis(2-Chloroethyl)ether	6.62	93	262487	36.433	ng	99
12) 1,3-Dichlorobenzene	6.83	146	295764	36.641	ng	96
13) 1,4-Dichlorobenzene	6.90	146	302653	38.957	ng	98
14) 1,2-Dichlorobenzene	7.06	146	278157	37.954	ng	99
15) Benzyl Alcohol	7.02	79	243112	34.475	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	340511	34.182	ng	99
17) 2-Methylphenol	7.13	107	218734	35.400	ng	99
18) Hexachloroethane	7.40	117	111134	36.679	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	196298	33.014	ng	96
20) 3+4-Methylphenols	7.28	107	269929	35.661	ng	# 88
22) Acetophenone	7.29	105	380826	37.393	ng	# 98
24) Nitrobenzene	7.46	77	291475	37.808	ng	97
25) Isophorone	7.70	82	513870	35.028	ng	99
26) 2-Nitrophenol	7.77	139	127263	45.192	ng	97
27) 2,4-Dimethylphenol	7.81	122	228125	38.825	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	313151	34.565	ng	99
29) 2,4-Dichlorophenol	8.02	162	205310	36.742	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	245384	39.008	ng	97
31) Naphthalene	8.19	128	764928	38.824	ng	99
32) Benzoic acid	7.90	122	131995	35.139	ng	97
33) 4-Chloroaniline	8.23	127	167631	19.381	ng	97
34) Hexachlorobutadiene	8.31	225	134155	39.104	ng	99
35) Caprolactam	8.57	113	55930	28.735	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	212064	33.635	ng	97
37) 2-Methylnaphthalene	8.87	142	496574	36.707	ng	99
38) 1-Methylnaphthalene	8.97	142	459091	36.329	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	208233	40.260	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	246123	88.445	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	136252	37.640	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	137805	37.414	ng	98
46) 1,1'-Biphenyl	9.34	154	588792	38.308	ng	98
47) 2-Chloronaphthalene	9.36	162	447983	37.596	ng	98
48) 2-Nitroaniline	9.45	65	122034	33.449	ng	95
49) Acenaphthylene	9.77	152	672537	38.578	ng	100
50) Dimethylphthalate	9.63	163	465690	34.720	ng	99
51) 2,6-Dinitrotoluene	9.69	165	102245	37.242	ng	94
52) Acenaphthene	9.95	154	445319	39.809	ng	97
53) 3-Nitroaniline	9.85	138	68473	20.924	ng	99
54) 2,4-Dinitrophenol	9.96	184	63300	61.108	ng	# 24
55) Dibenzofuran	10.12	168	587749	37.692	ng	100
56) 4-Nitrophenol	10.00	139	160092	62.939	ng	100
57) 2,4-Dinitrotoluene	10.09	165	126631	36.249	ng	# 87
58) Fluorene	10.46	166	435820	35.973	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	110354	36.489	ng	98
60) Diethylphthalate	10.33	149	444749	33.737	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	214568	36.304	ng	95
62) 4-Nitroaniline	10.46	138	95217	29.750	ng	94
63) Azobenzene	10.62	77	487973	36.000	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	46683	40.744	ng	86
66) n-Nitrosodiphenylamine	10.57	169	387363	41.511	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	122570	40.568	ng	98
68) Hexachlorobenzene	11.01	284	128996	38.601	ng	# 89
69) Atrazine	11.09	200	103681	37.083	ng	100
70) Pentachlorophenol	11.20	266	146365	75.070	ng	99
71) Phenanthrene	11.42	178	617440	39.328	ng	99
72) Anthracene	11.47	178	632252	40.077	ng	99
73) Carbazole	11.62	167	526630	37.189	ng	97
74) Di-n-butylphthalate	11.96	149	655259	37.342	ng	99
75) Fluoranthene	12.60	202	590114	36.357	ng	98
77) Benzidine	12.72	184	247217	33.980	ng	98
78) Pyrene	12.83	202	587952	40.657	ng	99
80) Butylbenzylphthalate	13.45	149	242773	38.873	ng	89
81) Benzo(a)anthracene	14.02	228	459140	39.203	ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	131343	31.470	ng	100
83) Chrysene	14.06	228	456297	38.439	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	338807	40.684	ng	99
85) Di-n-octyl phthalate	14.63	149	581312	41.116	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	531240	52.244	ng	99
88) Benzo(b)fluoranthene	15.06	252	450034	37.529	ng	98
89) Benzo(k)fluoranthene	15.10	252	419960	38.656	ng	99
90) Benzo(a)pyrene	15.43	252	428579	40.438	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	442190	50.775	ng	99
92) Benzo(g,h,i)perylene	17.40	276	453730	54.650	ng	99

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

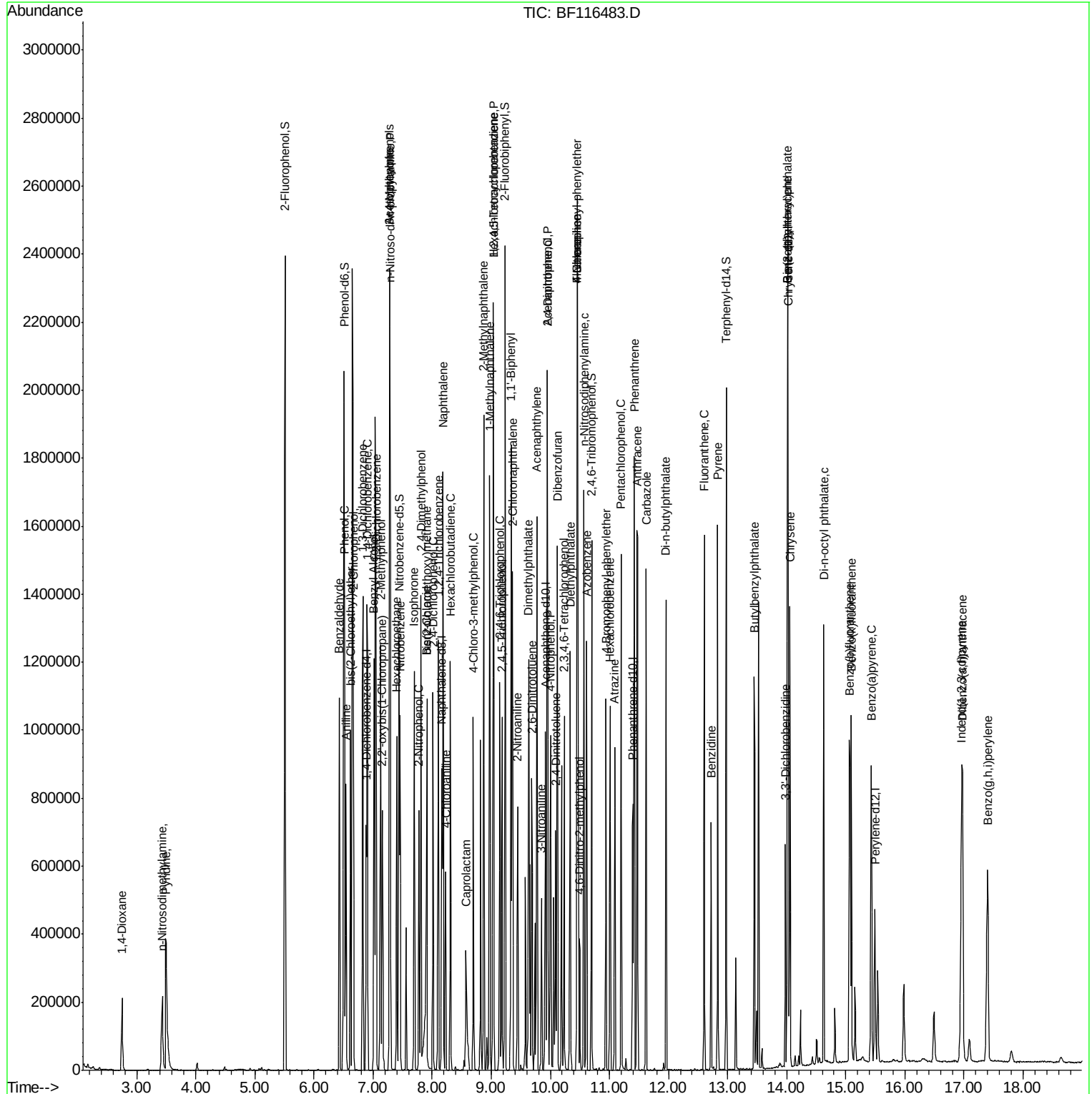
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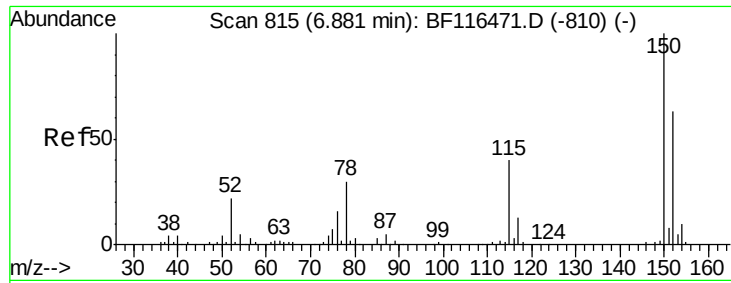
Instrument :
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#1

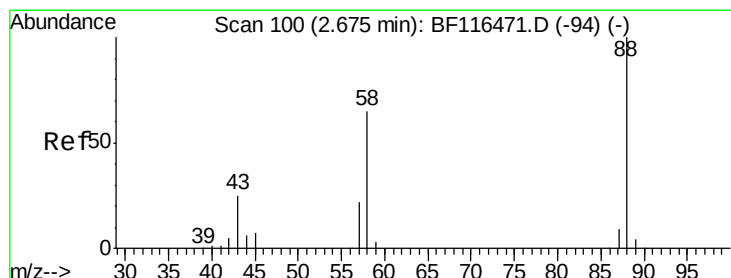
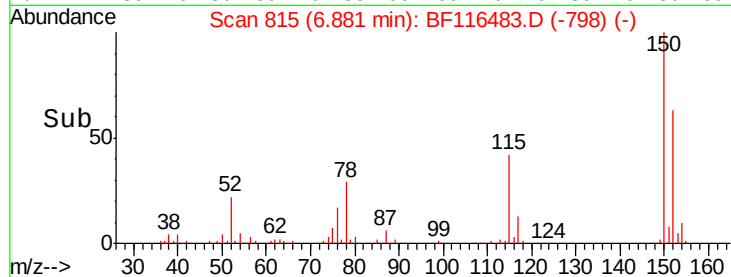
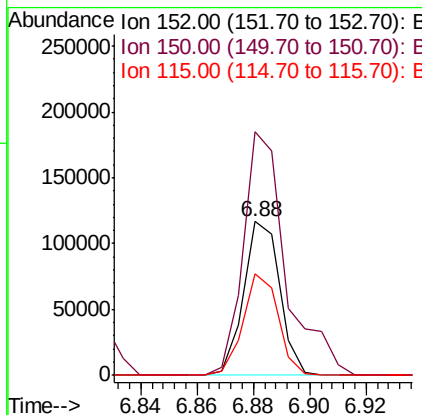
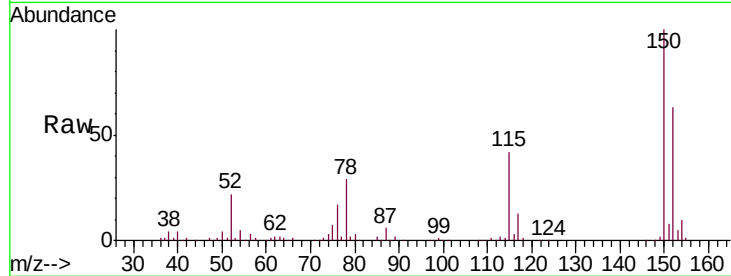
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.7	190.1
115	66.2	50.9	76.3

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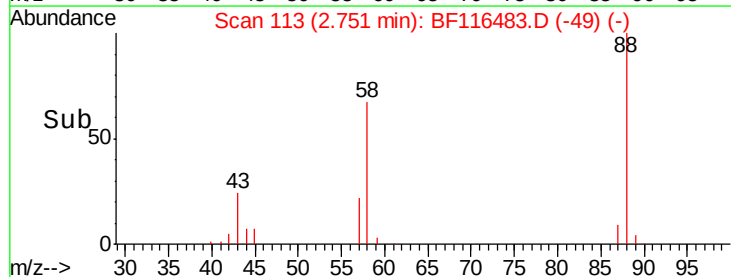
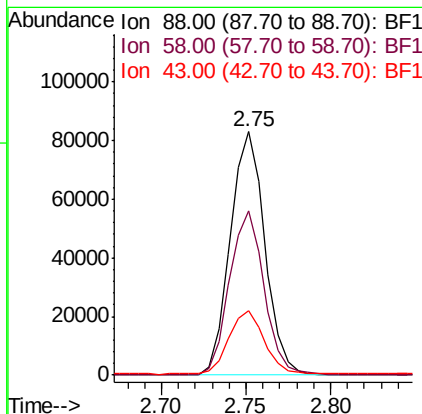
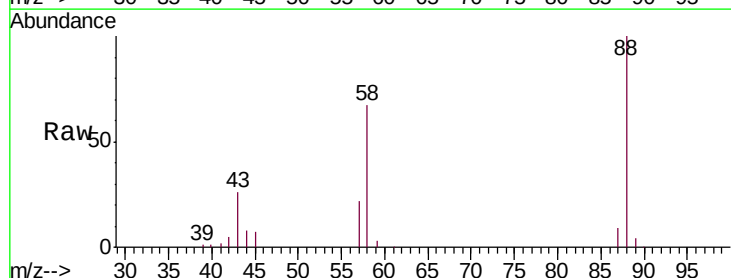
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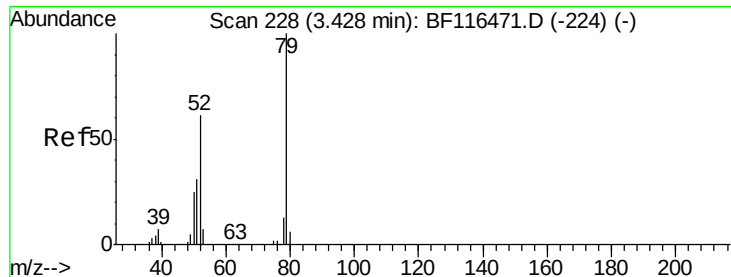


#2

1,4-Dioxane
Concen: 38.473 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	53.4	80.0
43	28.5	21.2	31.8





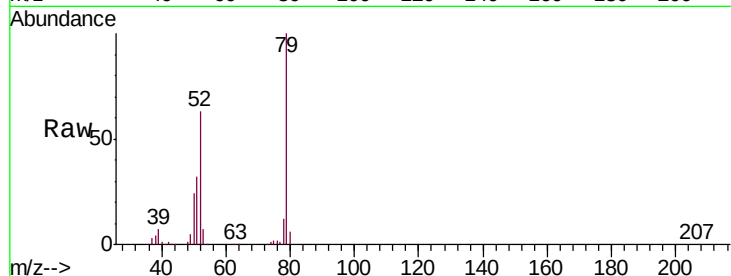
#3
 Pvridine
 Concen: 30.571 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

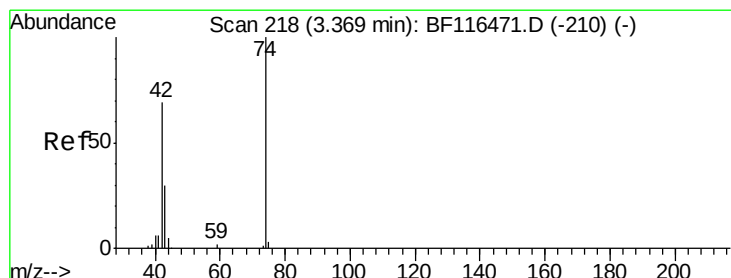
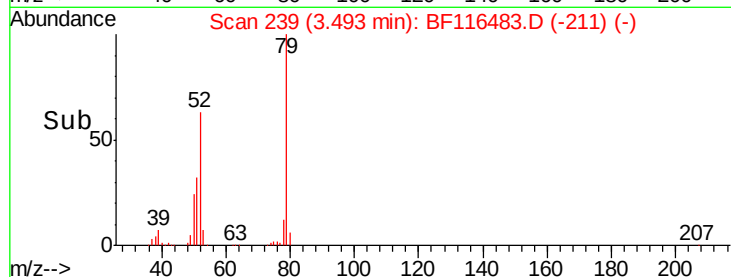
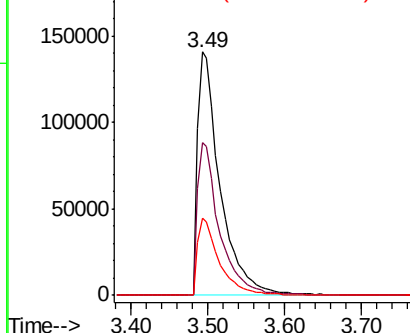
Tot Ion	Ratio	Lower	Upper
79	100		
52	62.9	48.8	73.2
51	31.7	25.2	37.8

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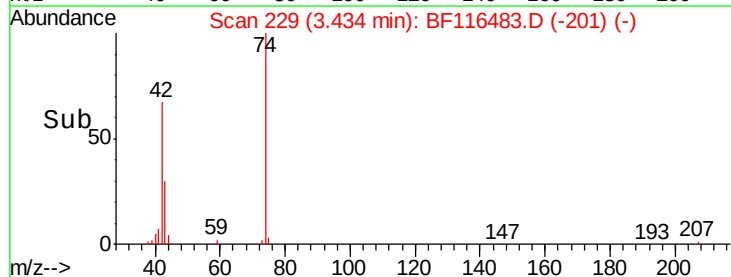
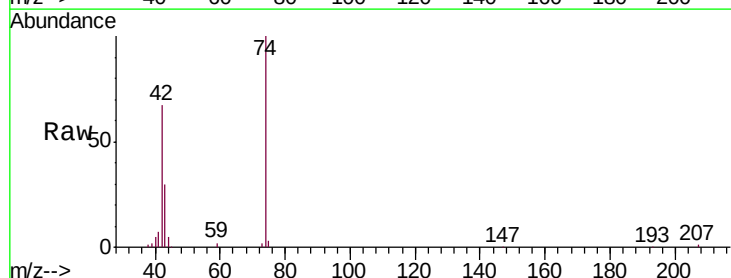
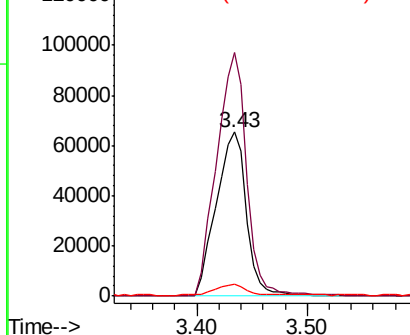
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

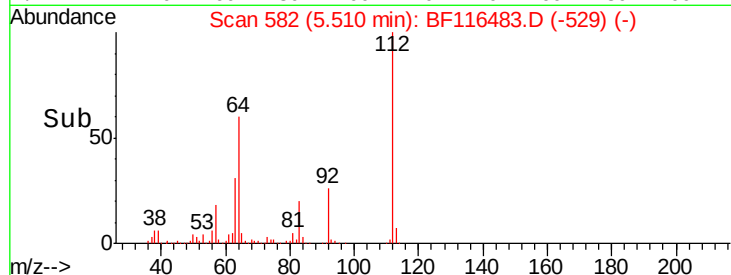
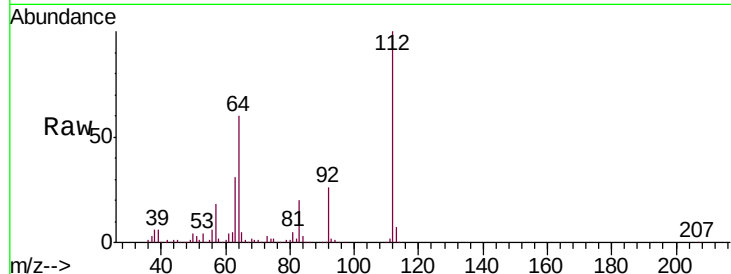
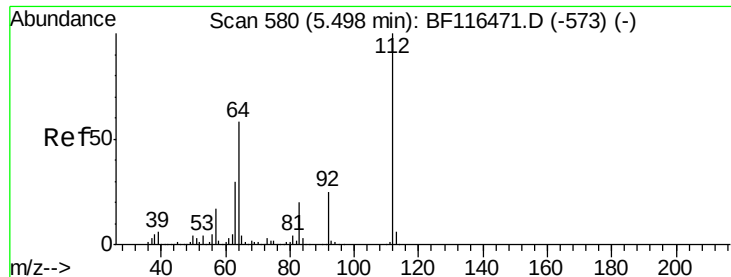


#4
 n-Nitrosodimethylamine
 Concen: 36.271 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.06 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.3	115.3	172.9
44	6.9	5.8	8.8

Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





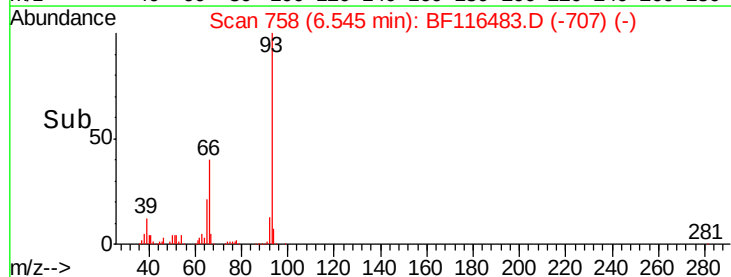
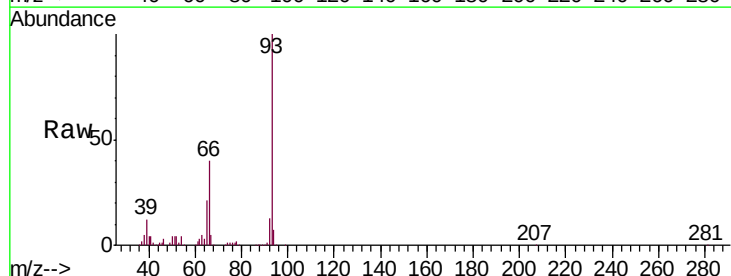
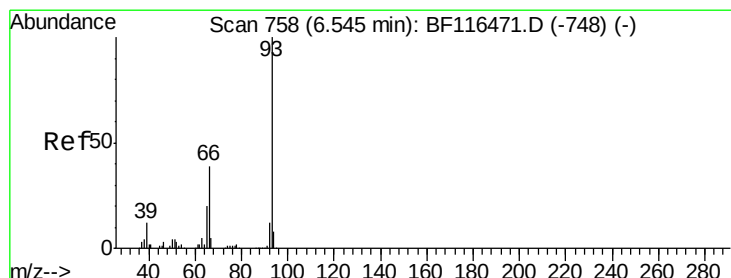
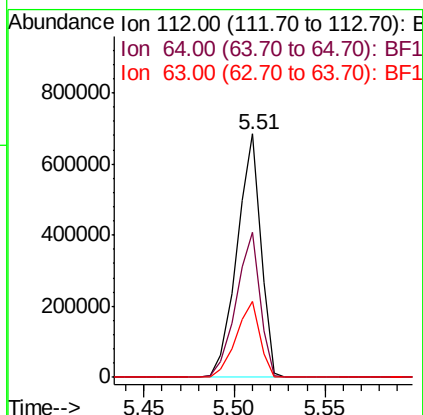
#5
2-Fluorophenol
Concen: 87.956 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.5	46.3	69.5
63	31.4	24.2	36.4

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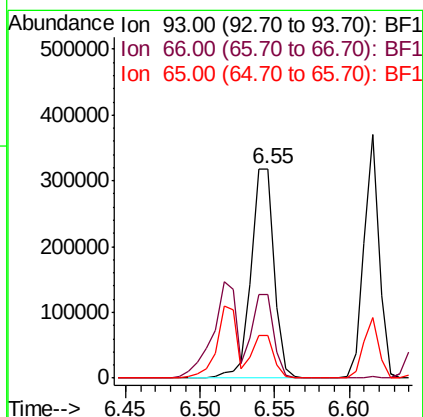
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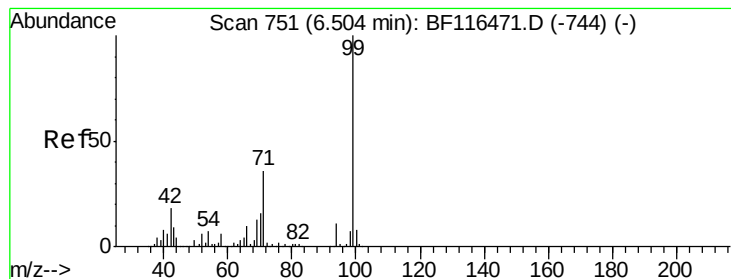
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#6
Aniline
Concen: 28.503 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116483.D
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Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.0	32.2	48.2
65	20.6	16.3	24.5





#7

Phenol-d6

Concen: 88.339 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

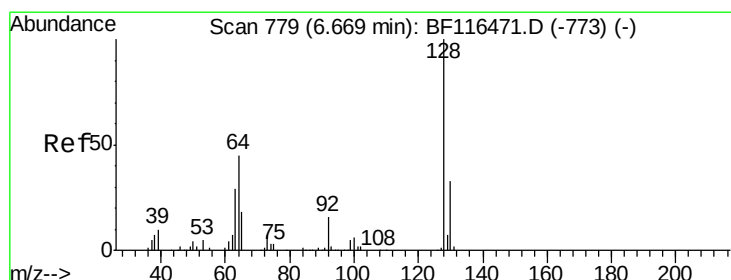
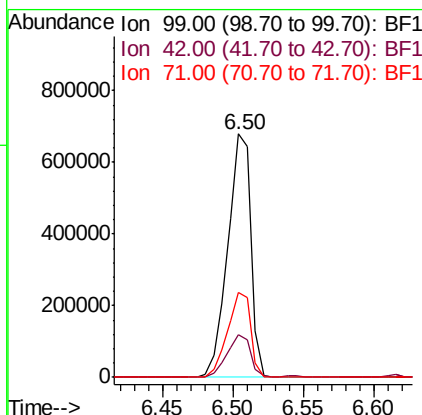
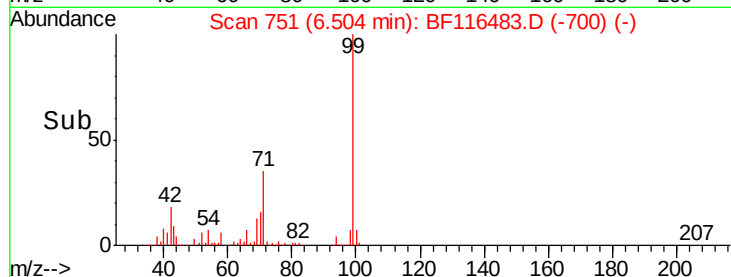
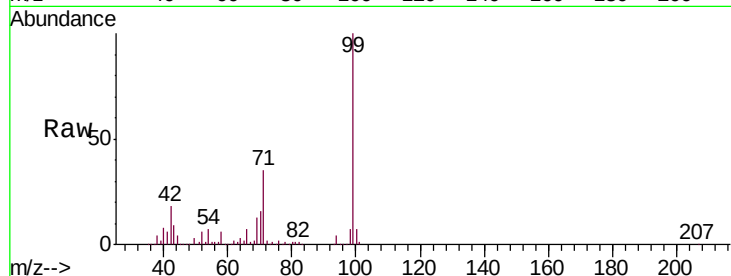
ClientSampleId :

PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		769761		
42	17.6	14.6	21.8		
71	34.9	28.5	42.7		

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#8

2-Chlorophenol

Concen: 36.278 ng

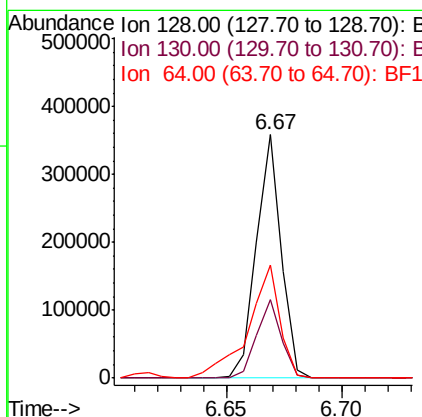
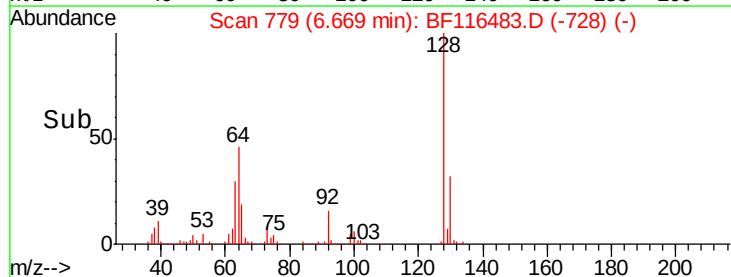
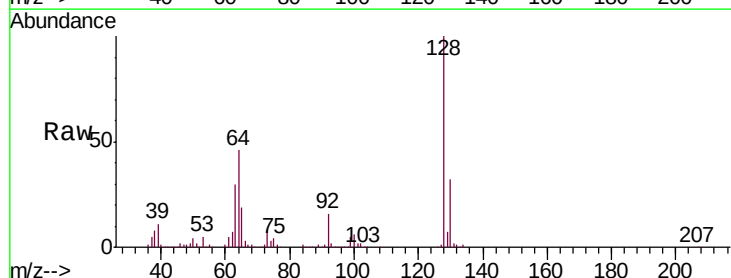
RT: 6.67 min Scan# 779

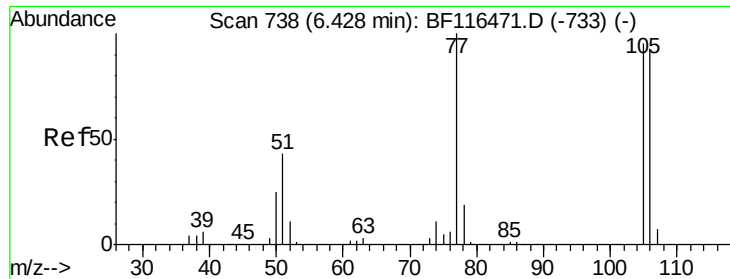
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		270549		
130	32.3	13.4	53.4		
64	46.3	26.3	66.3		





#9

Benzaldehyde

Concen: 37.590 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

Tot Ion: 77 Resp: 218853

Ion Ratio Lower Upper

77 100

105 96.5 75.5 115.5

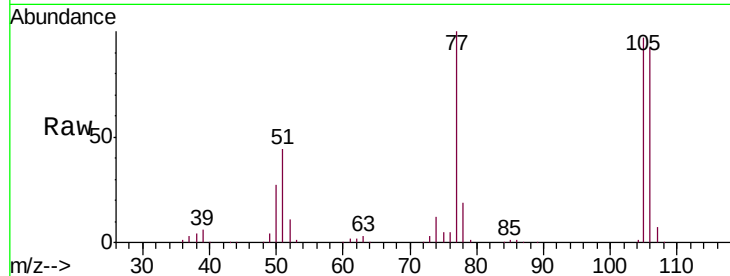
106 92.1 73.2 113.2

Manual Integrations

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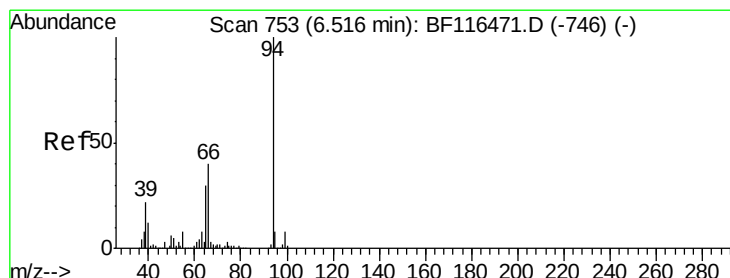
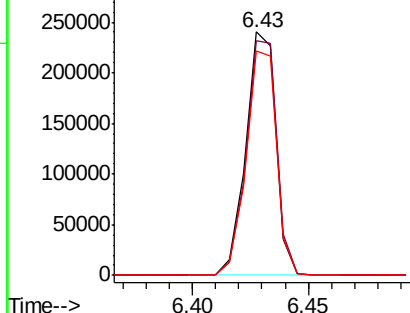
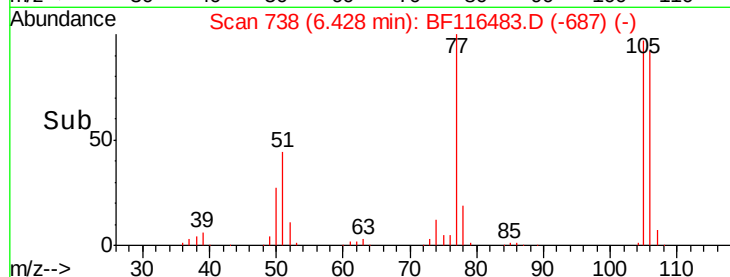
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.170 ng m

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

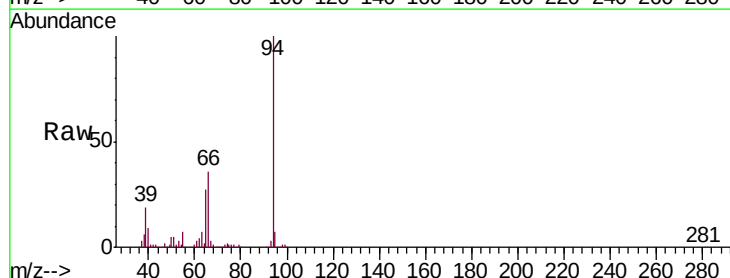
Tgt Ion: 94 Resp: 323332

Ion Ratio Lower Upper

94 100

65 27.4 10.0 50.0

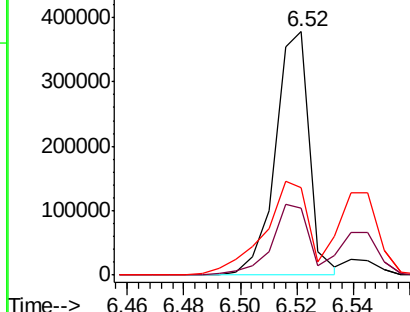
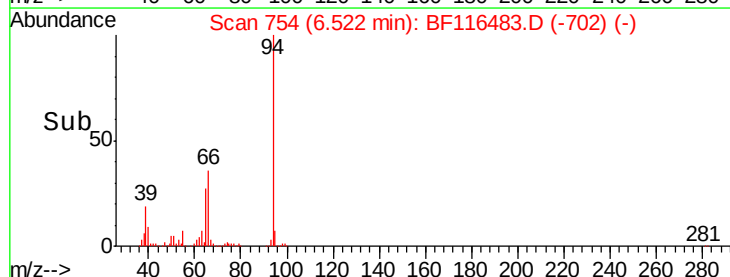
66 35.7 19.8 59.8

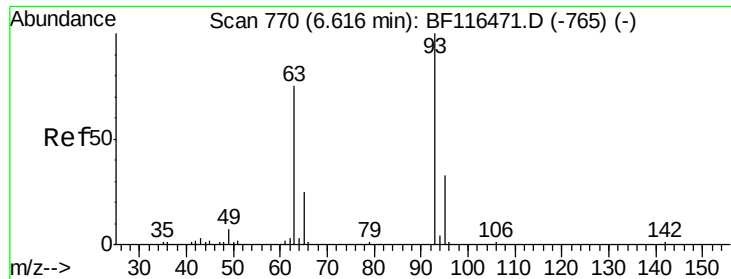


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





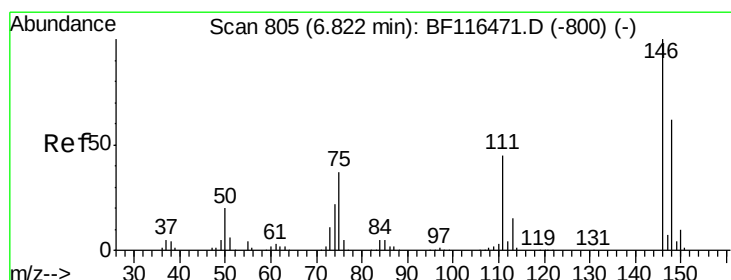
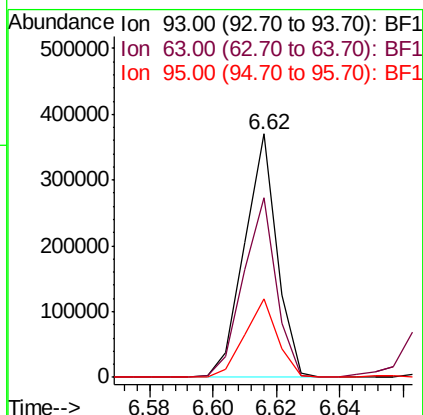
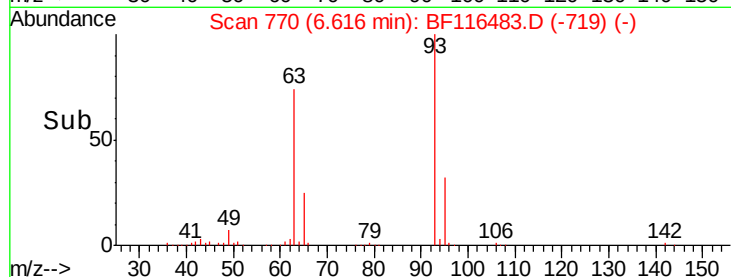
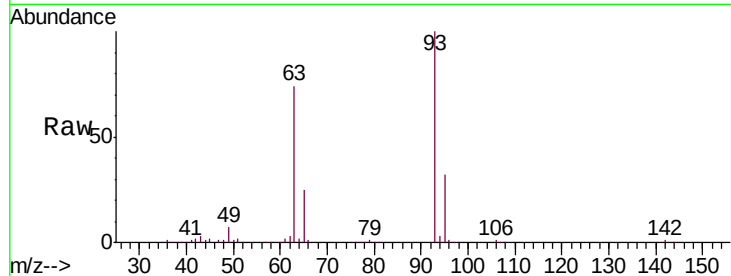
#11
bis(2-Chloroethyl)ether
Concen: 36.433 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		262487		
63	73.9	54.3	94.3		
95	32.4	13.3	53.3		

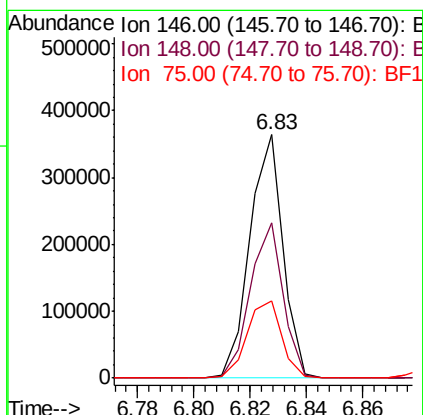
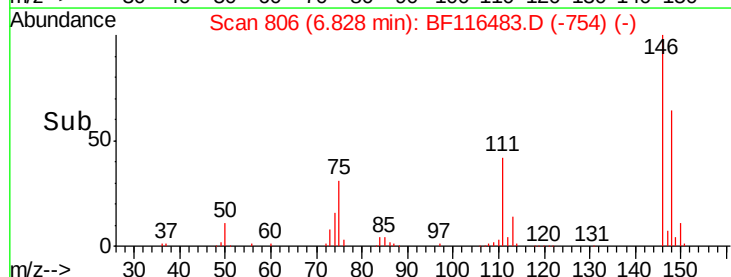
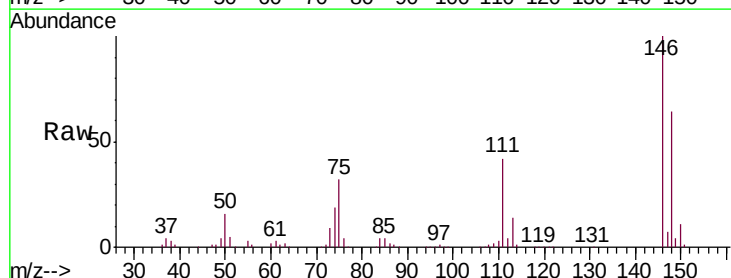
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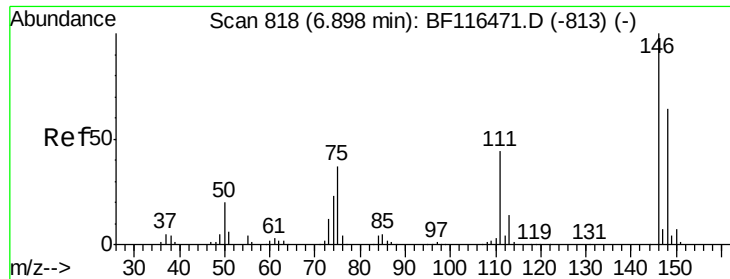
Jagrut
8/28/2019 8:09:42 AM



#12
1,3-Dichlorobenzene
Concen: 36.641 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		295764		
148	63.8	49.8	74.8		
75	31.9	29.3	43.9		





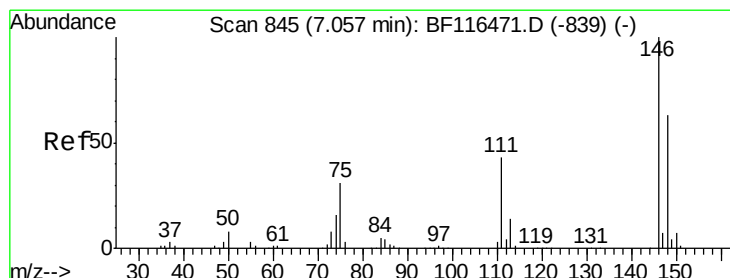
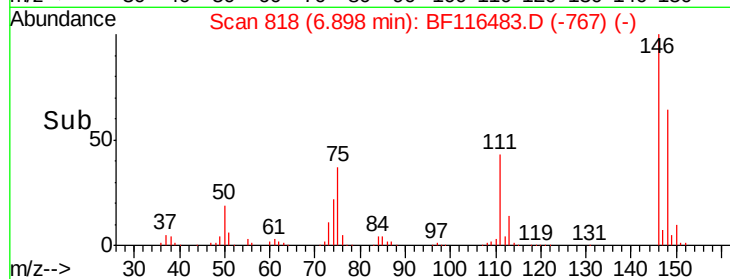
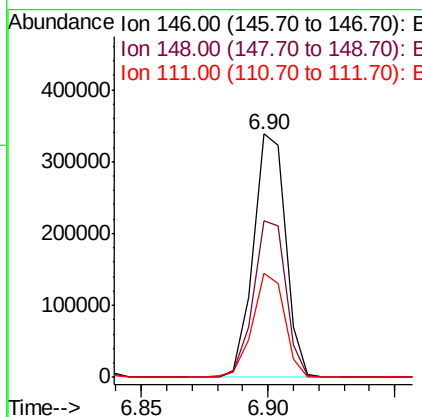
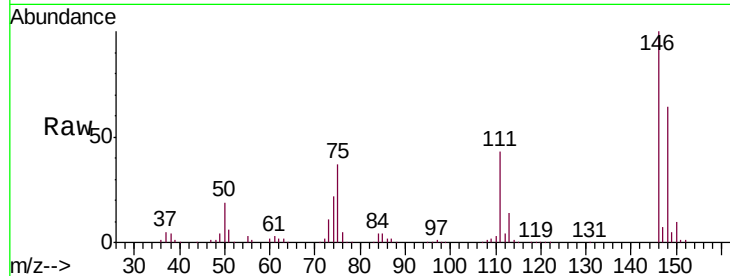
#13
 1,4-Dichlorobenzene
 Concen: 38.957 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		302653		
148	64.3	51.0		76.4	
111	42.6	35.4		53.2	

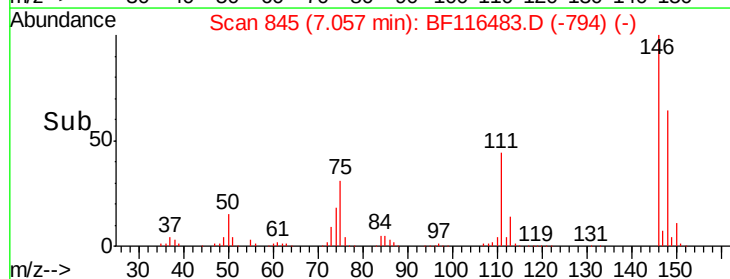
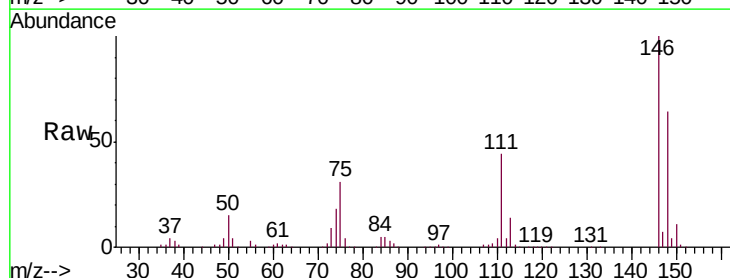
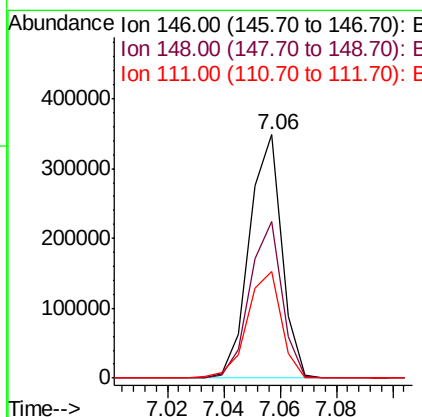
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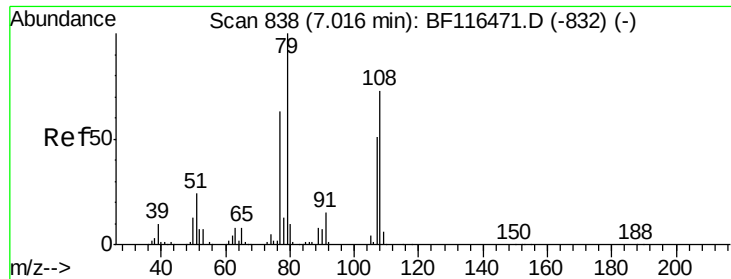
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#14
 1,2-Dichlorobenzene
 Concen: 37.954 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		278157		
148	64.4	50.8		76.2	
111	44.0	34.5		51.7	





#15

Benzyl Alcohol

Concen: 34.475 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

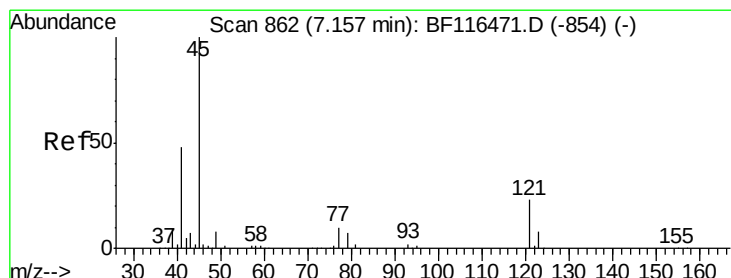
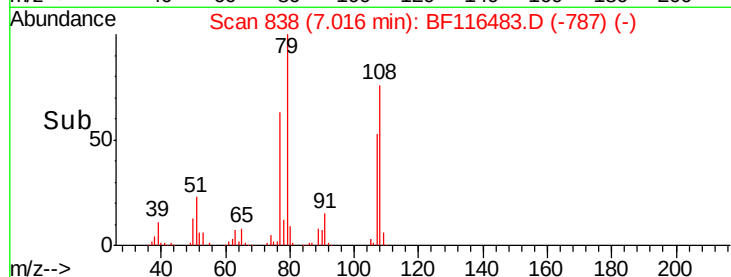
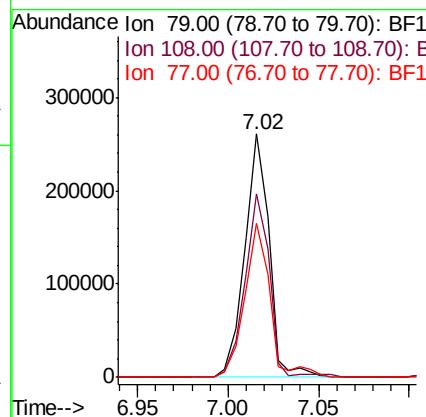
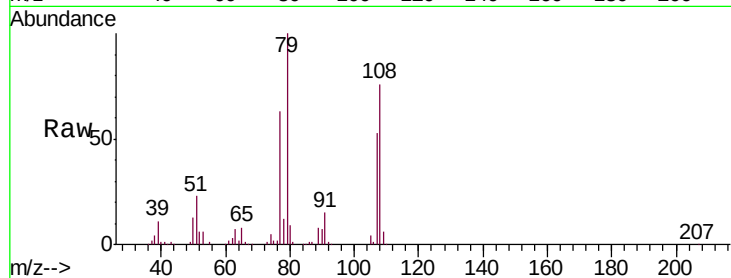
ClientSampleId :

PB122424BS

Tot Ion:	79	Resp:	243112
Ion Ratio	Lower	Upper	
79	100		
108	75.6	58.1	87.1
77	63.1	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.182 ng

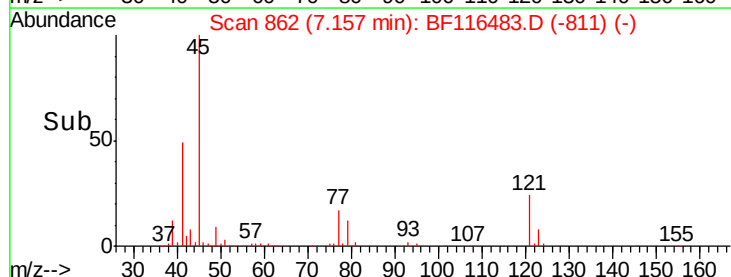
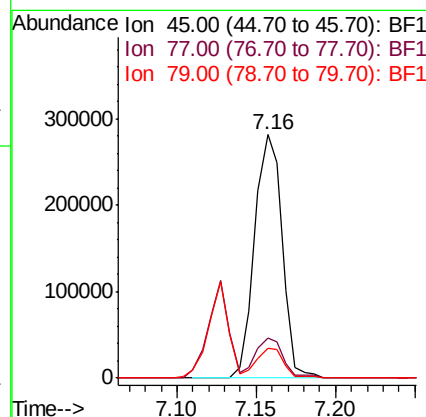
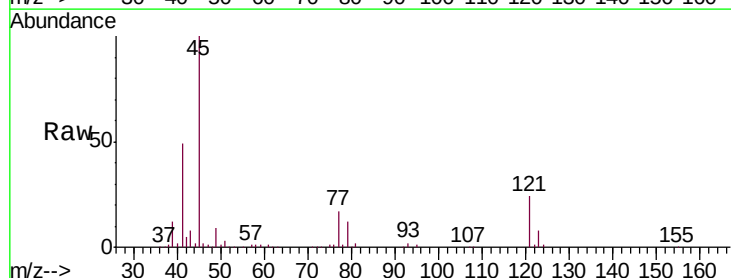
RT: 7.16 min Scan# 862

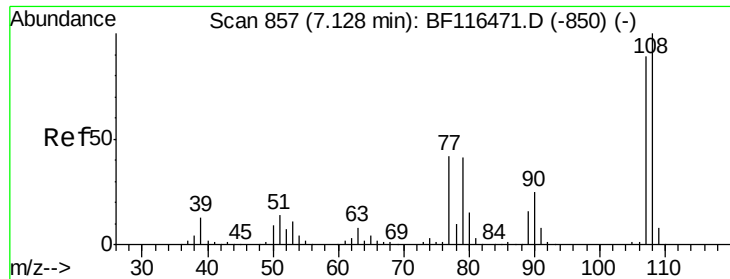
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:	45	Resp:	340511
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	36.1
79	12.5	0.0	32.3





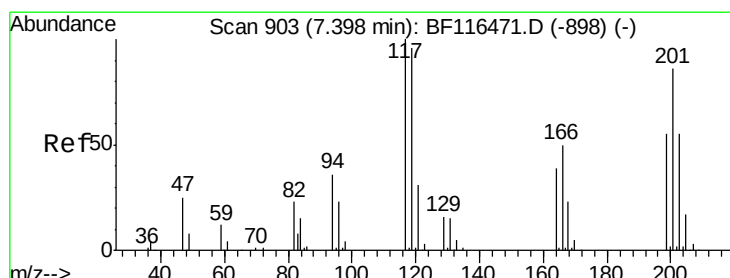
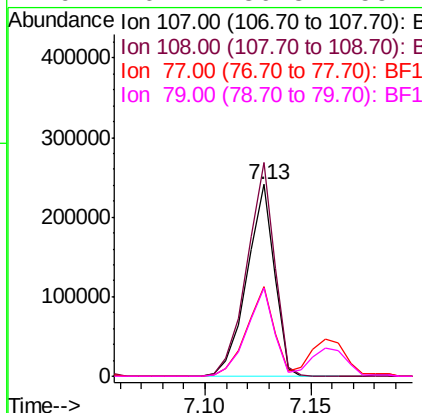
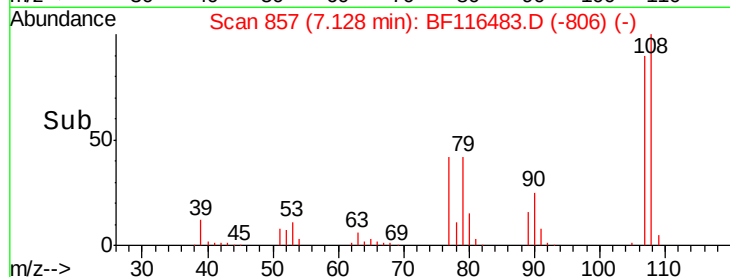
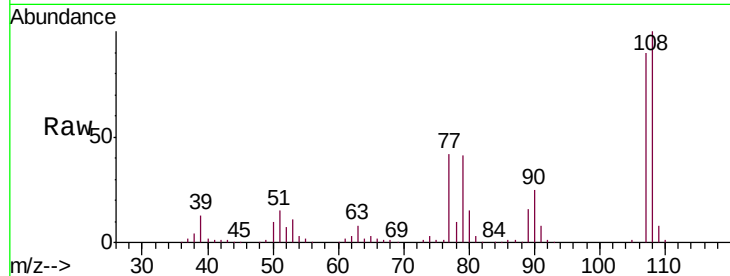
#17
2-Methylphenol
Concen: 35.400 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	218734		
108	108.00	111.5	90.0	135.0	
77	77.00	47.1	37.6	56.4	
79	79.00	46.1	36.8	55.2	

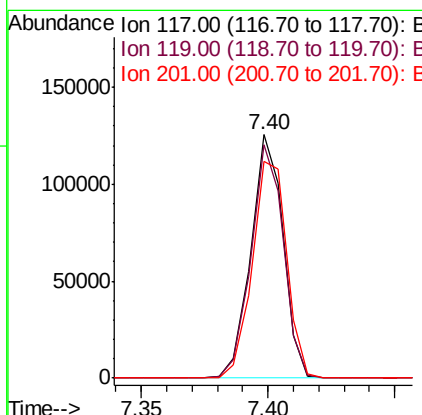
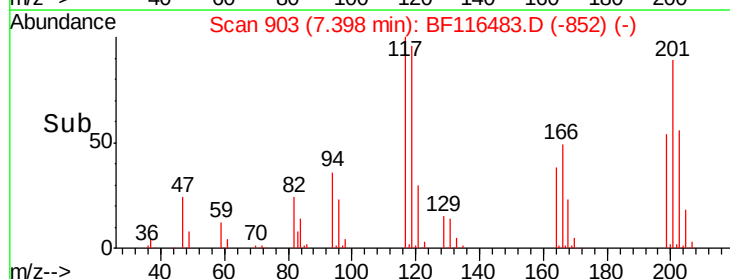
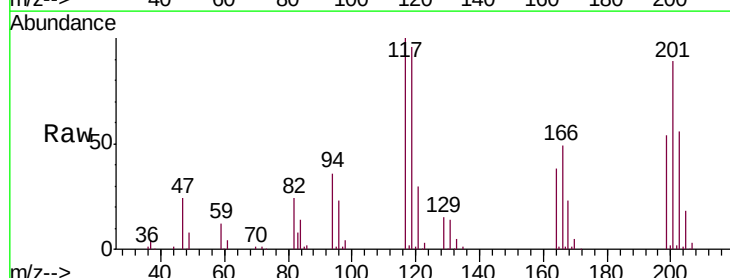
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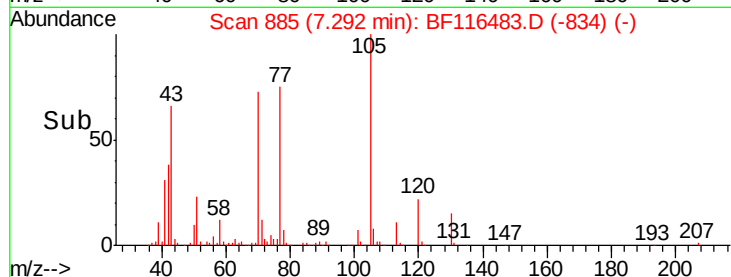
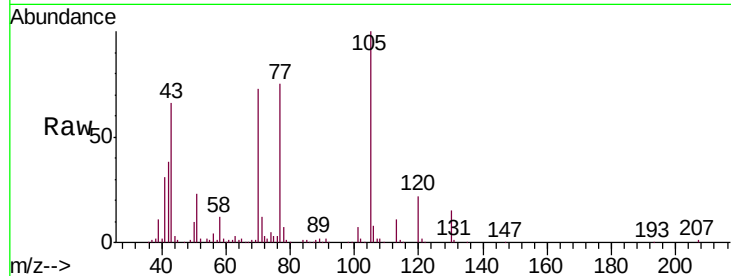
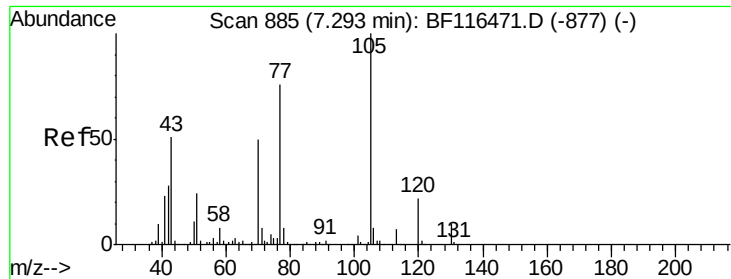
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#18
Hexachloroethane
Concen: 36.679 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	111134		
119	119.00	96.0	77.0	115.6	
201	201.00	89.2	69.1	103.7	





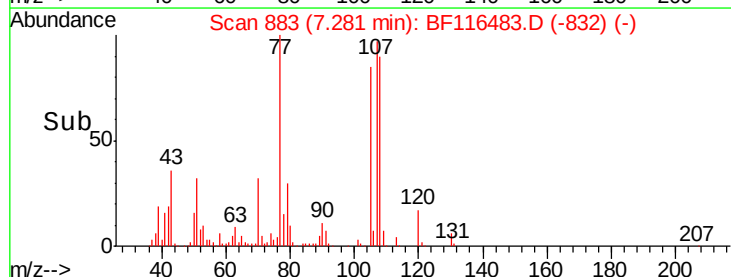
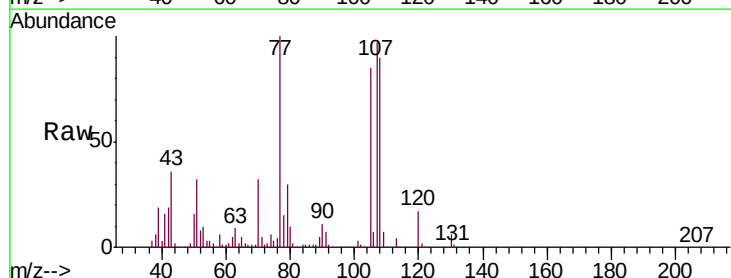
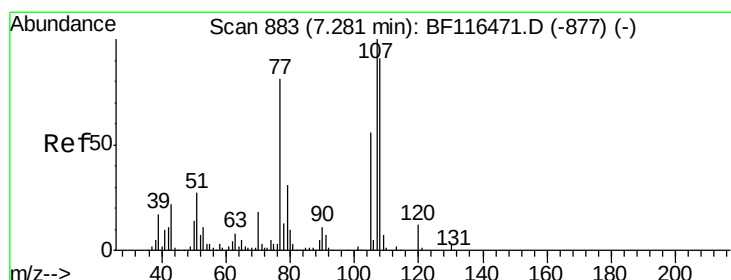
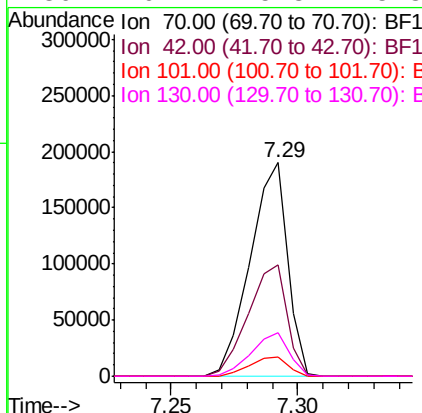
#19
n-Nitroso-di-n-propylamine
Concen: 33.014 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	44.4	66.6
101	9.3	7.1	10.7
130	20.7	15.8	23.8

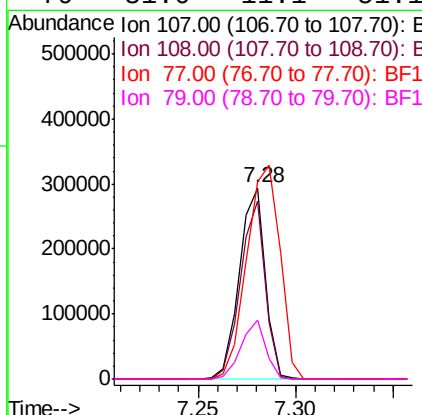
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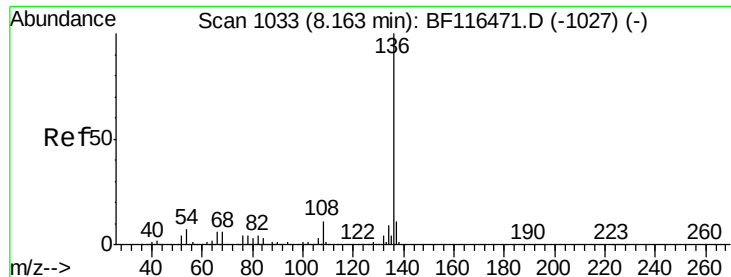
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#20
3+4-Methylphenols
Concen: 35.661 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	70.7	110.7
77	103.5	60.6	100.6
79	31.0	11.1	51.1





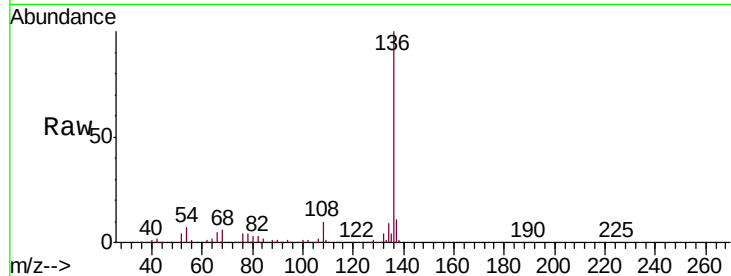
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		407282		
137	10.6		9.0	13.4	
54	7.2		5.8	8.6	
68	6.3		5.1	7.7	

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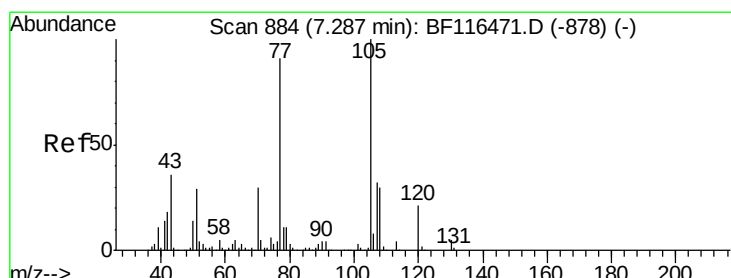
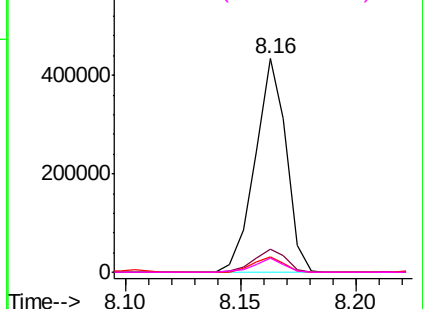
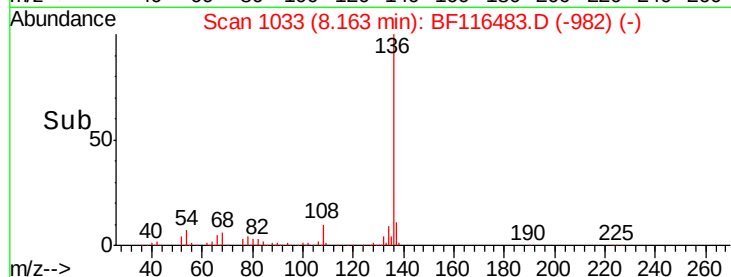
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

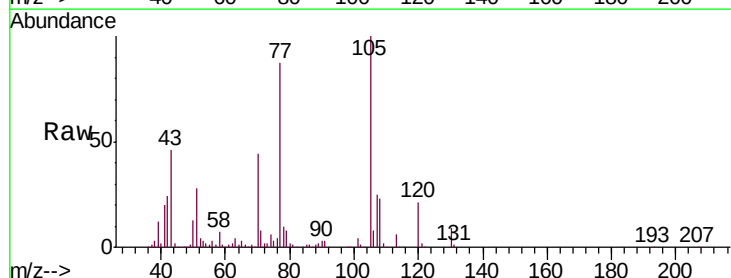
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.393 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		380826		
71	7.6		4.2	6.2	#
51	27.7		23.0	34.4	
120	21.5		16.5	24.7	



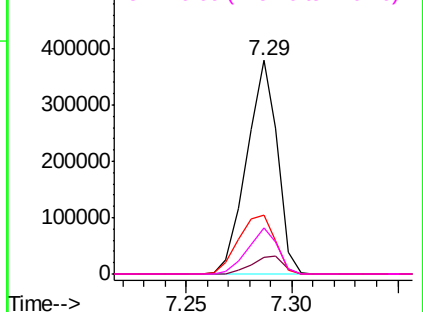
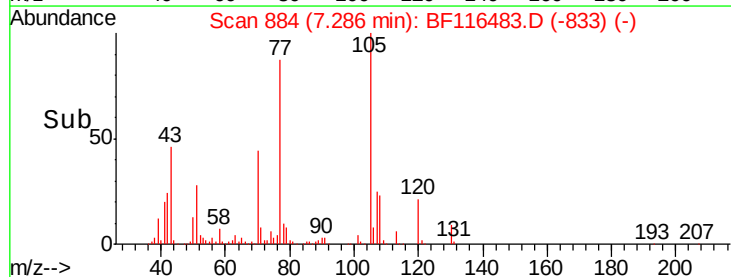
Abundance

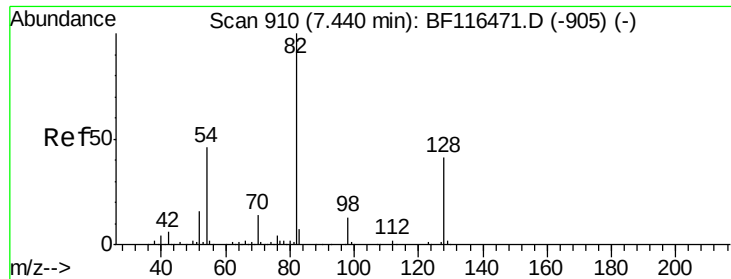
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





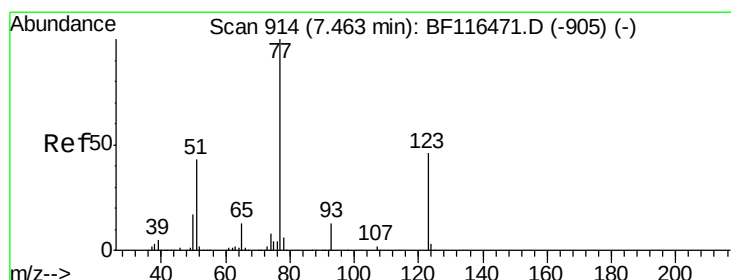
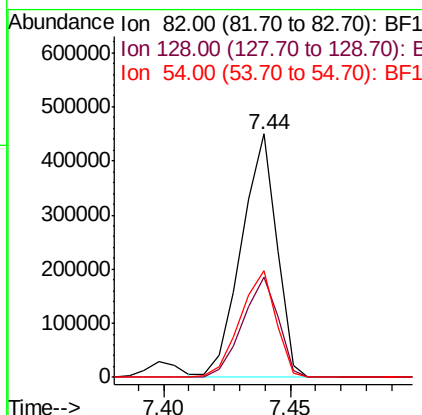
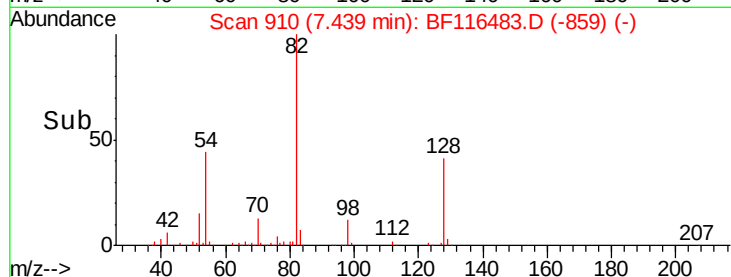
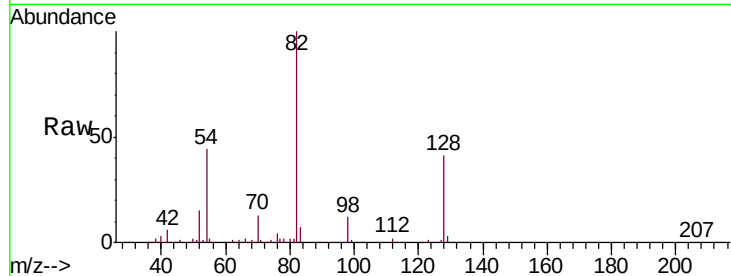
#23
 Nitrobenzene-d5
 Concen: 58.711 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	437065		
128	41.3	32.2	48.4	
54	44.0	36.5	54.7	

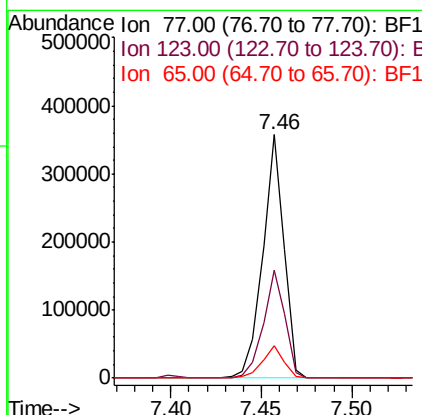
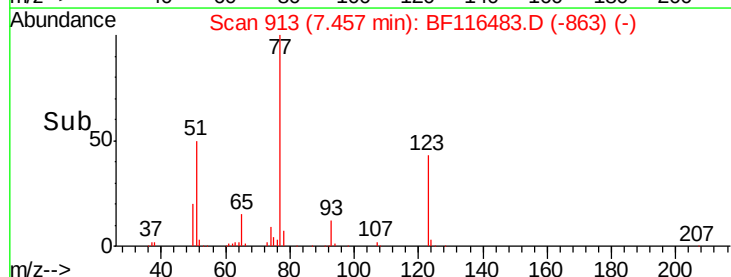
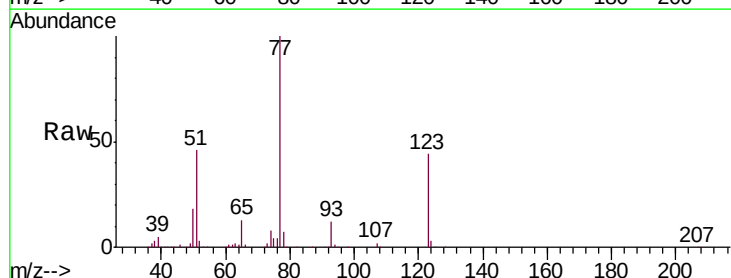
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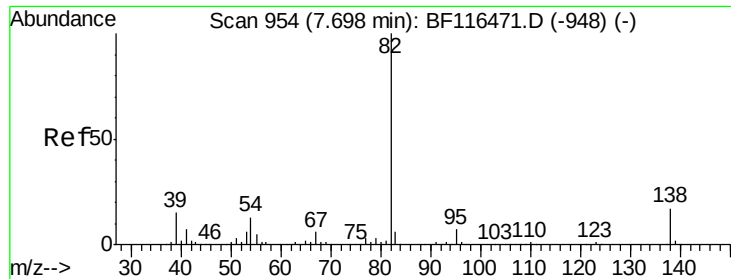
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#24
 Nitrobenzene
 Concen: 37.808 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	291475		
123	44.1	37.0	55.4	
65	13.4	10.5	15.7	





#25

Isophorone

Concen: 35.028 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

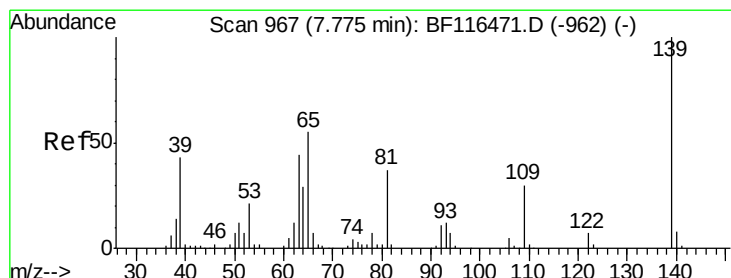
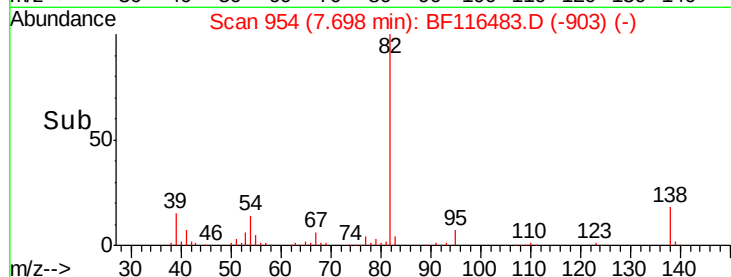
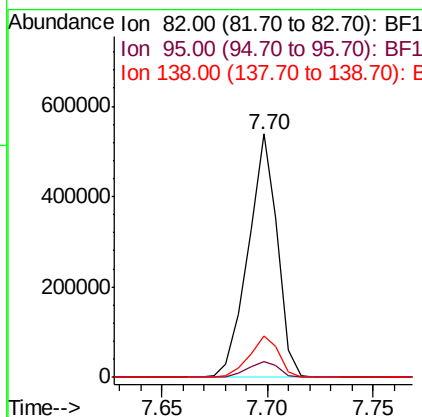
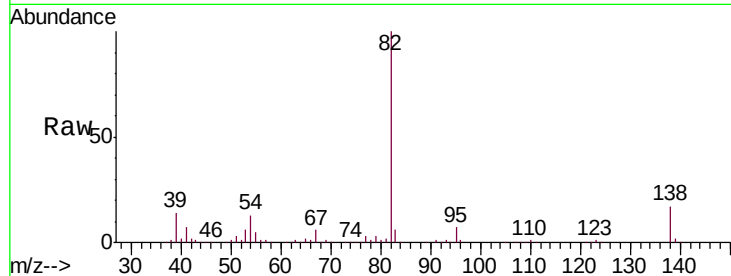
ClientSampleId :

PB122424BS

Tot Ion:	82	Resp:	513870
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	17.0	13.3	19.9

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#26

2-Nitrophenol

Concen: 45.192 ng

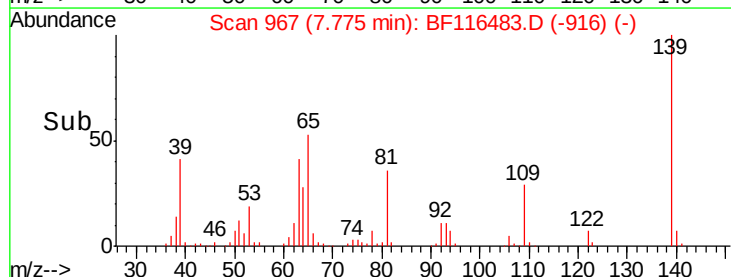
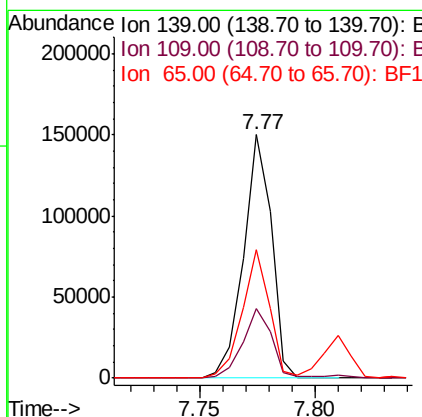
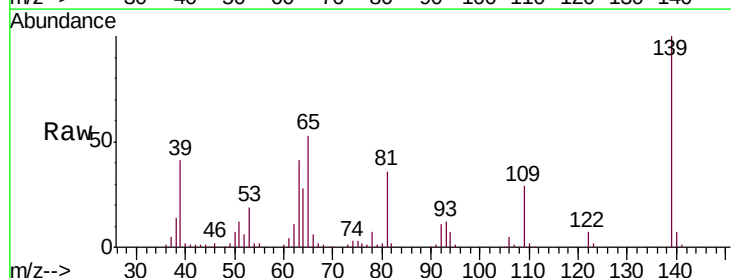
RT: 7.77 min Scan# 967

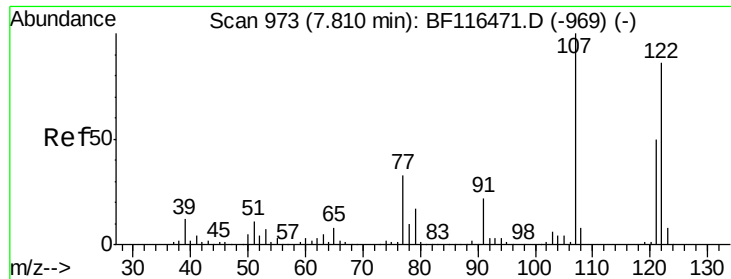
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:	139	Resp:	127263
Ion Ratio		Lower	Upper
139	100		
109	28.8	24.3	36.5
65	52.8	44.0	66.0





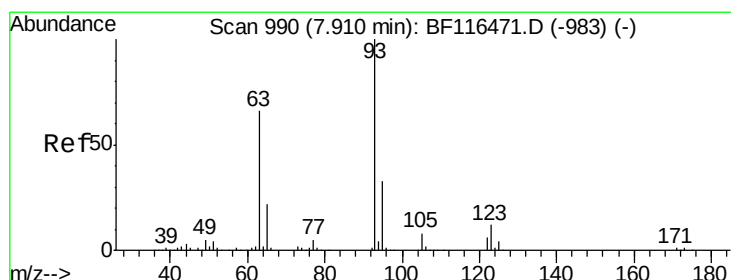
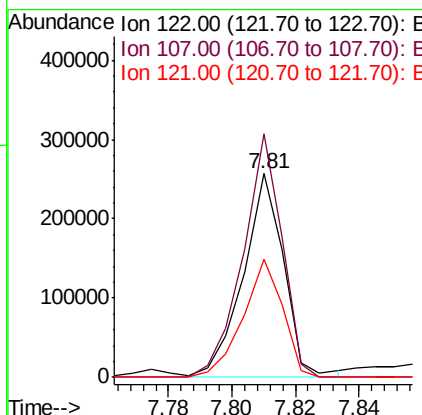
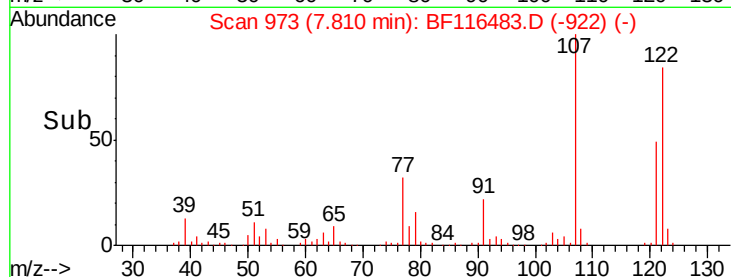
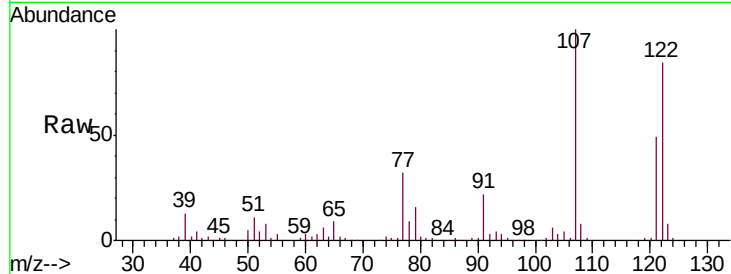
#27
 2,4-Dimethylphenol
 Concen: 38.825 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	119.4	92.4	138.6
121	58.2	46.2	69.4

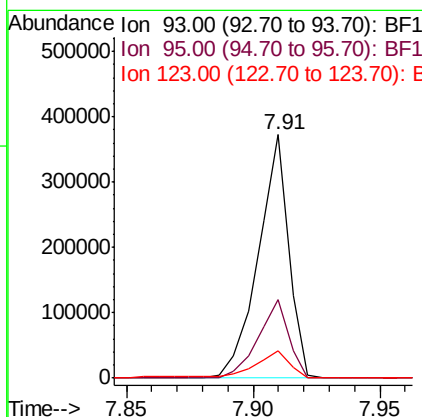
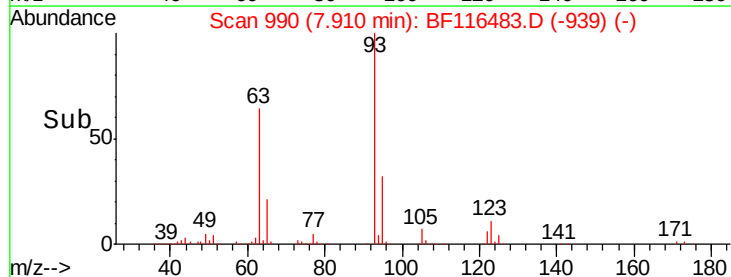
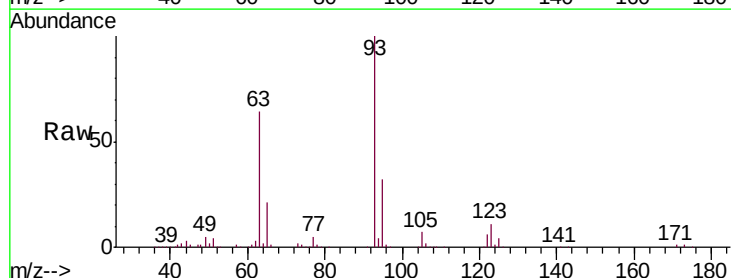
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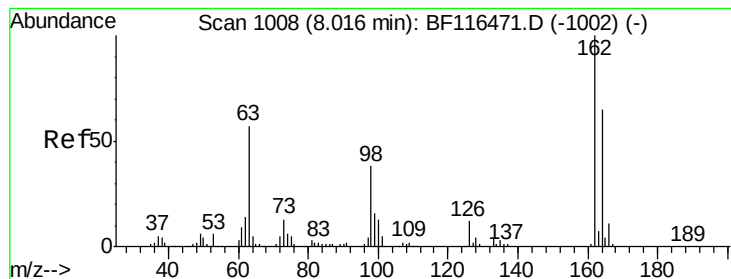
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.565 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.4	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 36.742 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

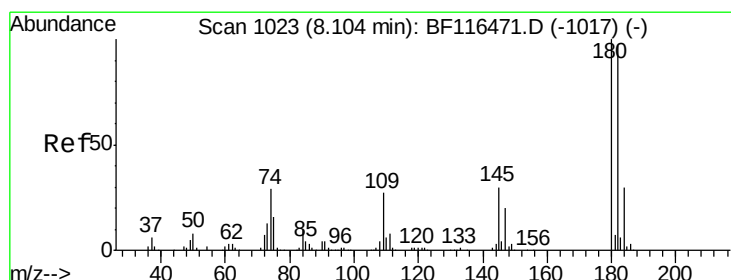
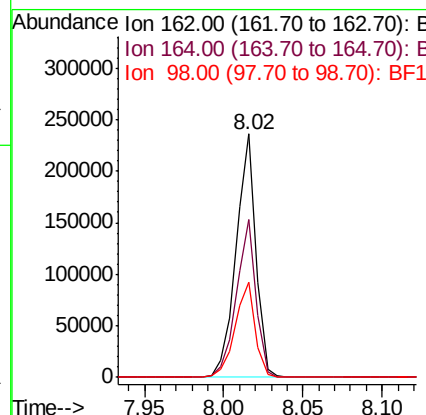
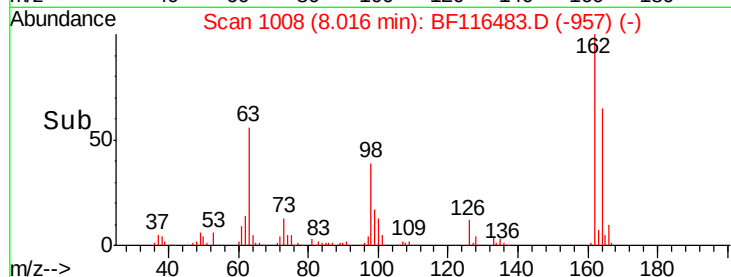
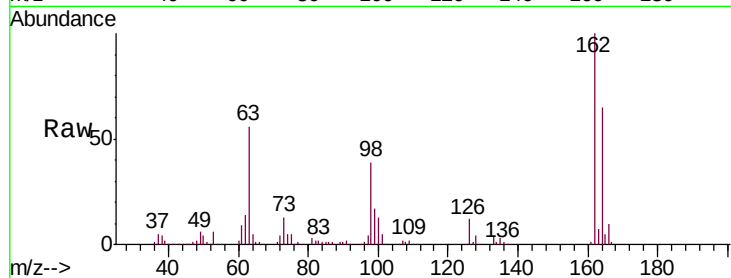
ClientSampleId :

PB122424BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	205310		
164	64.8	44.9	84.9	
98	38.9	17.9	57.9	

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#30

1,2,4-Trichlorobenzene

Concen: 39.008 ng

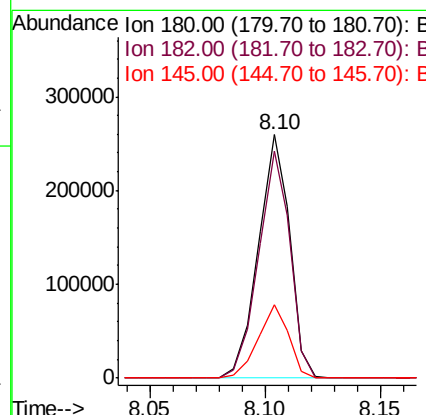
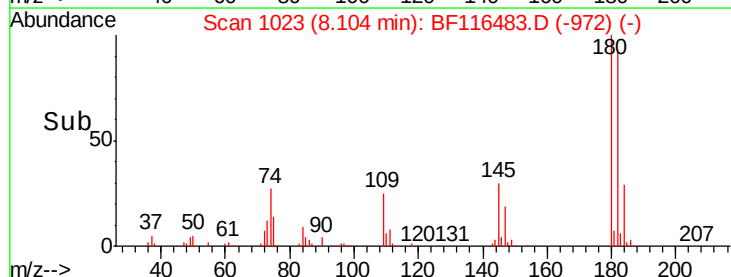
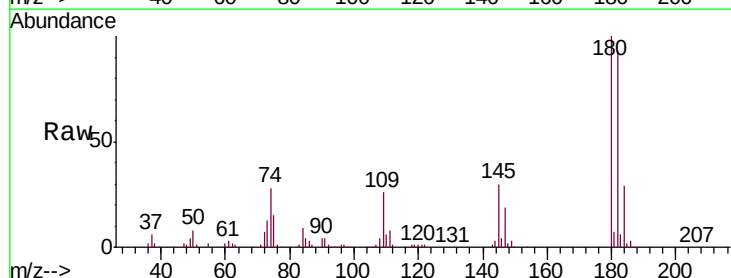
RT: 8.10 min Scan# 1023

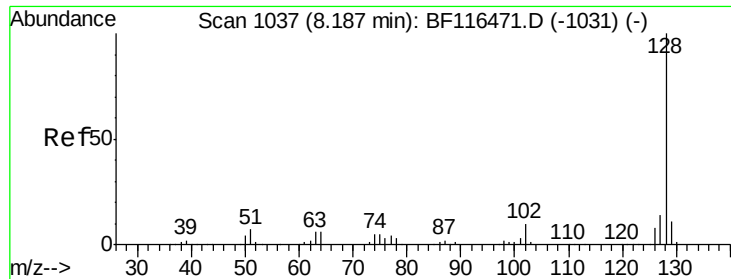
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245384		
182	93.1	77.4	116.0	
145	30.2	24.3	36.5	





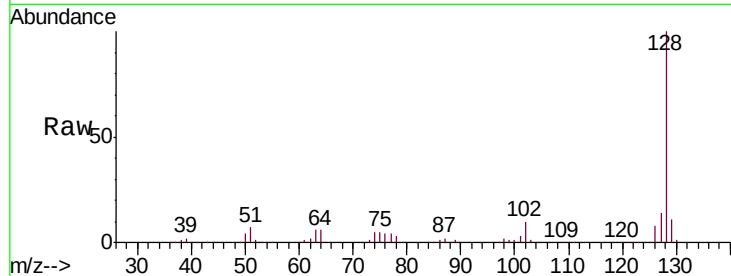
#31
Naphthalene
Concen: 38.824 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

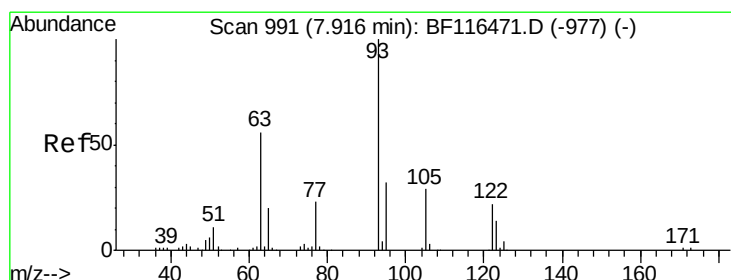
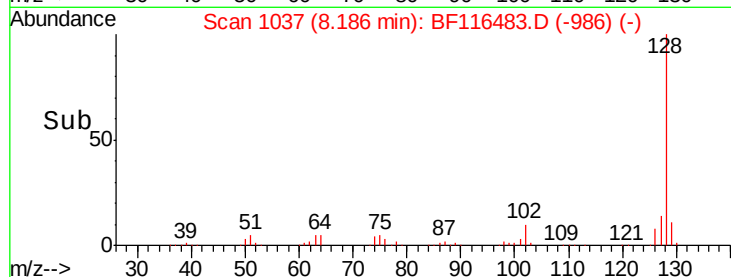
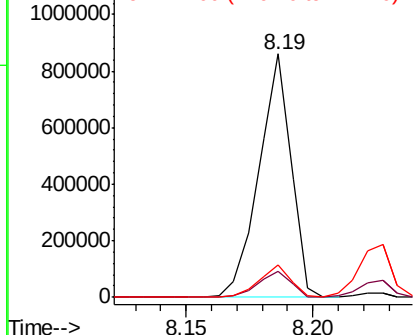
Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
129	10.9		9.0	13.6	
127	13.5		10.9	16.3	

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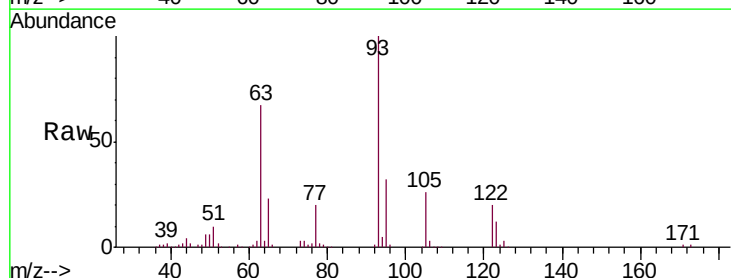


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

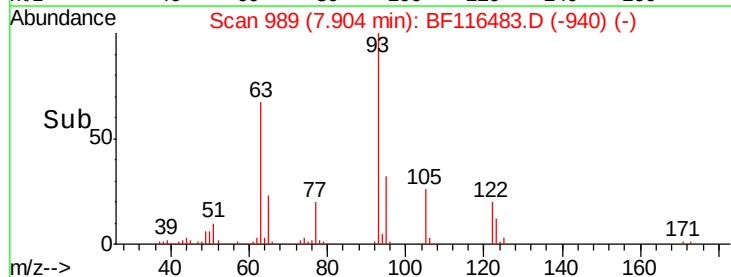
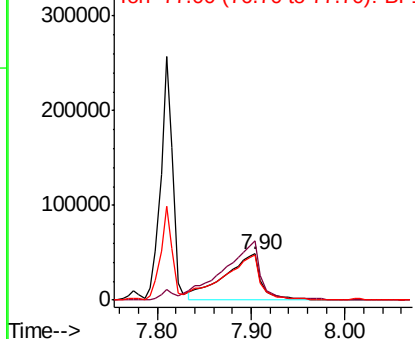


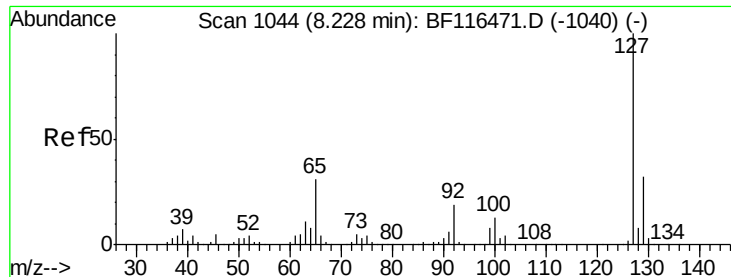
#32
Benzoic acid
Concen: 35.139 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
105	128.5		109.9	149.9	
77	98.6		84.9	124.9	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





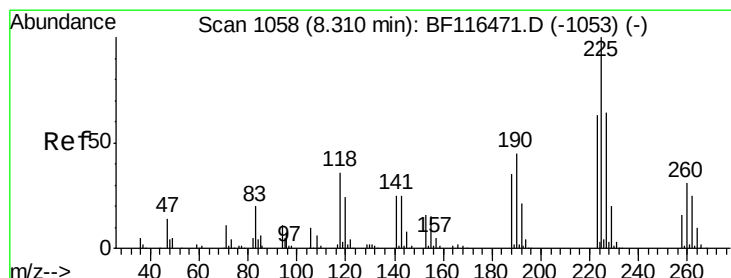
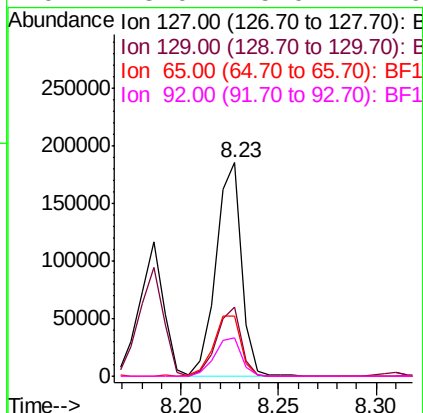
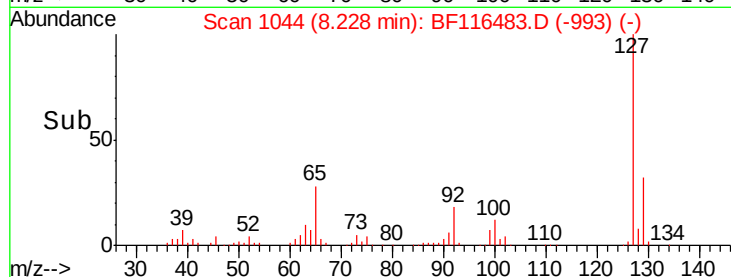
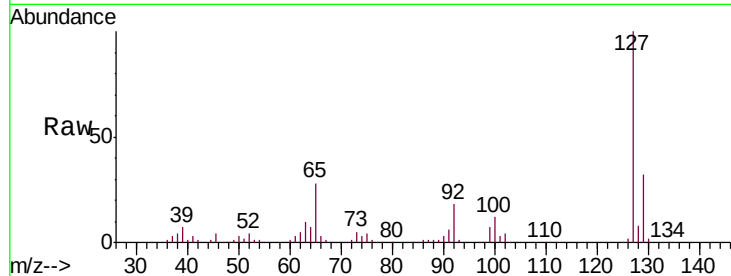
#33
 4-Chloroaniline
 Concen: 19.381 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampled :
 PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		167631		
129	32.1	25.7	38.5		
65	28.3	25.0	37.6		
92	18.0	15.0	22.6		

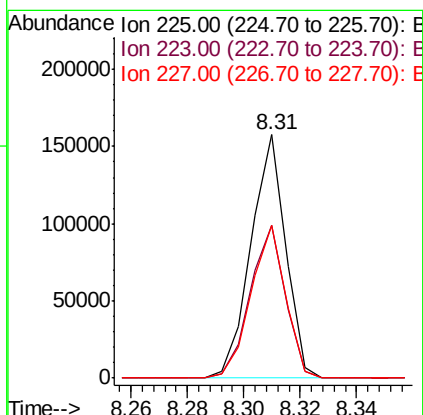
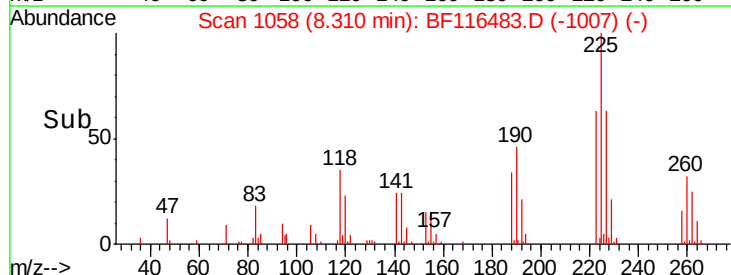
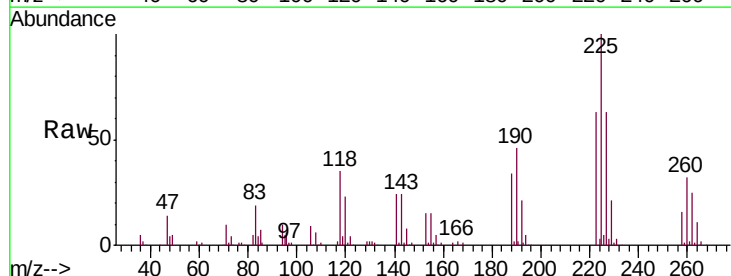
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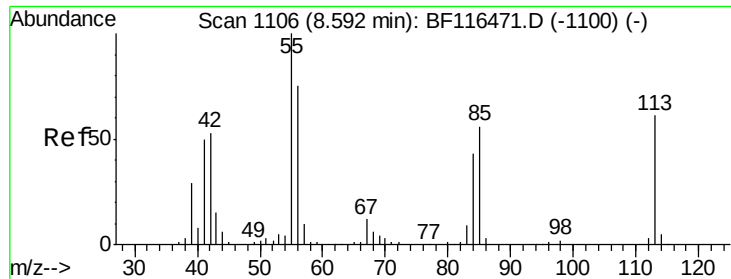
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#34
 Hexachlorobutadiene
 Concen: 39.104 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		134155		
223	63.0	50.3	75.5		
227	62.8	51.0	76.4		





#35

Caprolactam

Concen: 28.735 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

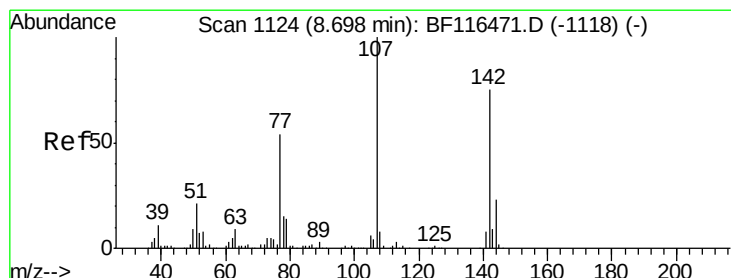
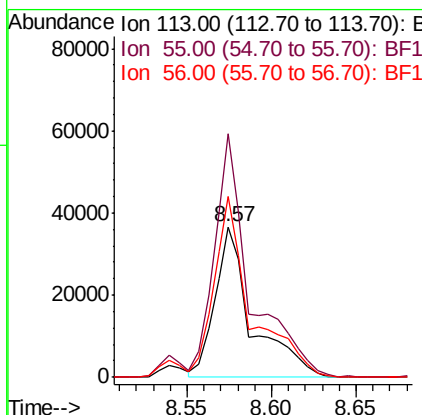
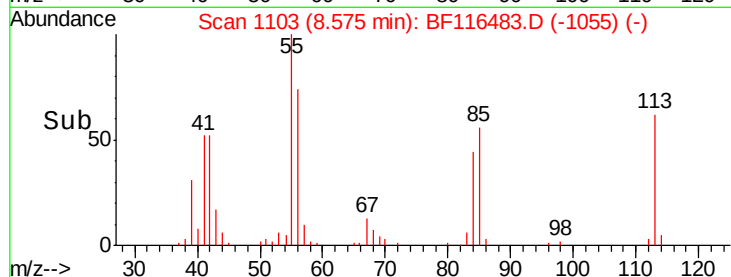
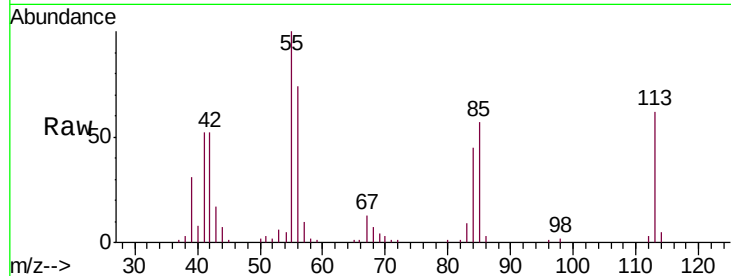
ClientSampleId :

PB122424BS

Tot Ion:	113	Resp:	55930
Ion	Ratio	Lower	Upper
113	100		
55	161.9	143.6	183.6
56	120.3	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 33.635 ng

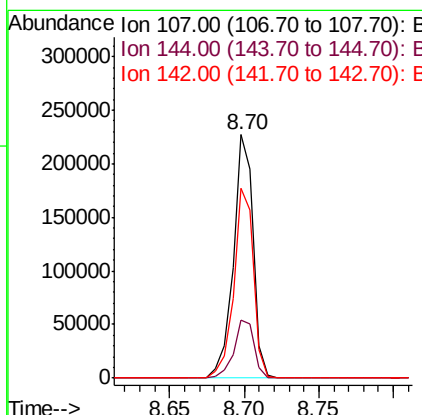
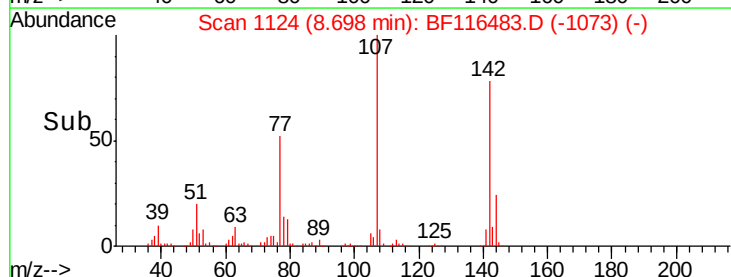
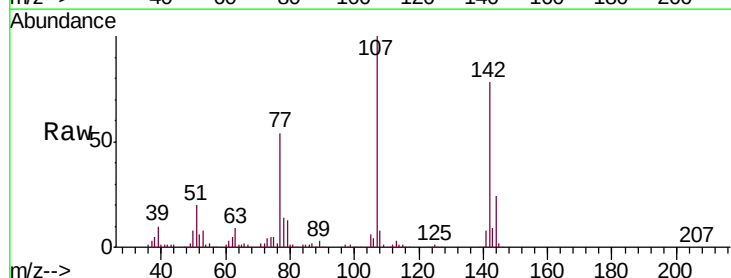
RT: 8.70 min Scan# 1124

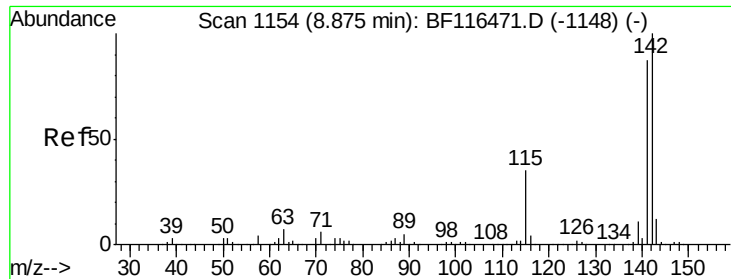
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:	107	Resp:	212064
Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.8	28.2
142	78.0	59.8	89.6





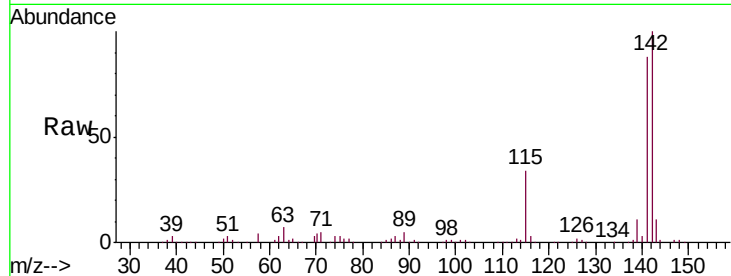
#37
2-Methylnaphthalene
Concen: 36.707 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.6
115	33.8	27.7	41.5

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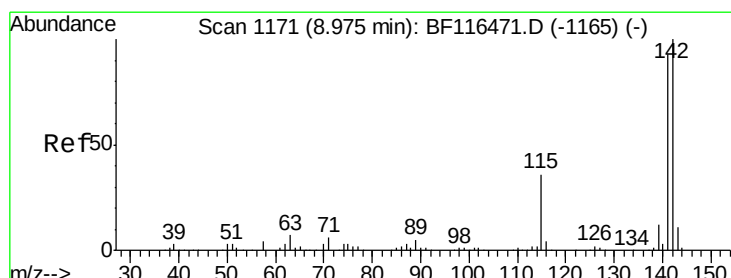
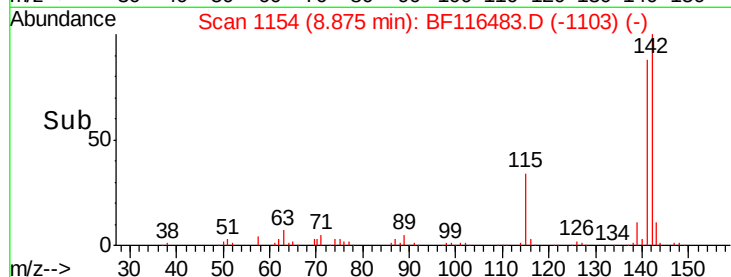
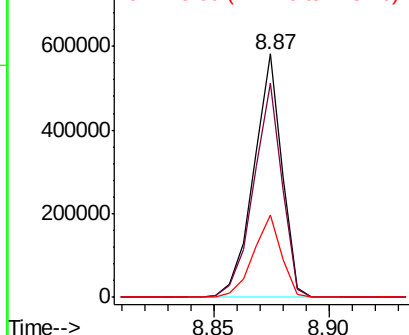


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.329 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

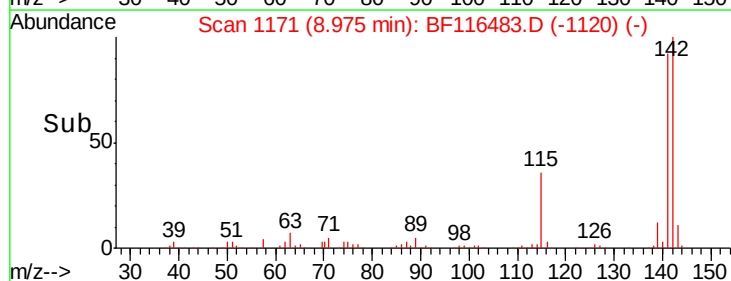
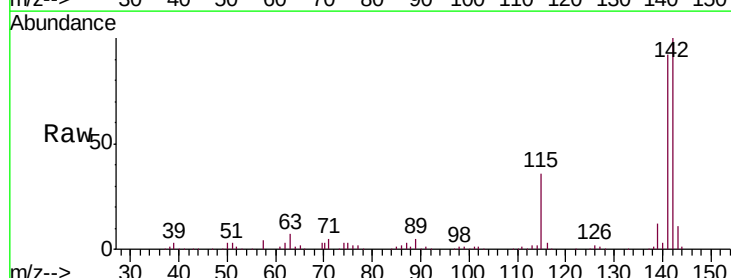
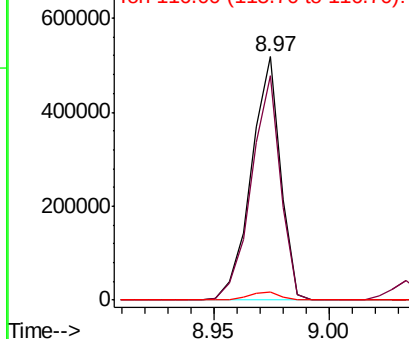
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.2
116	3.5	2.9	4.3

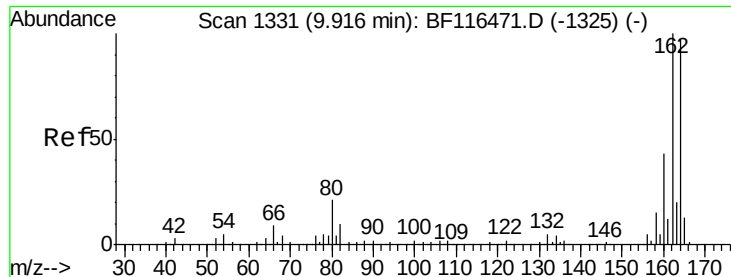
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





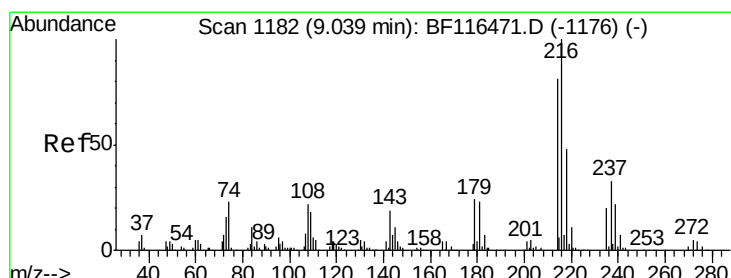
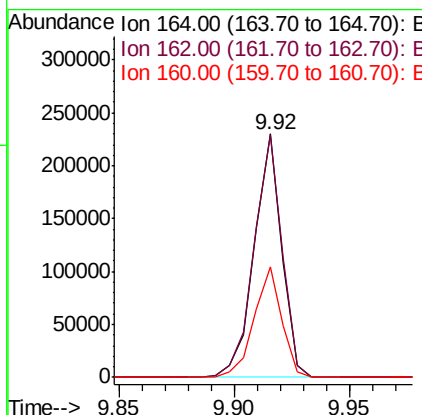
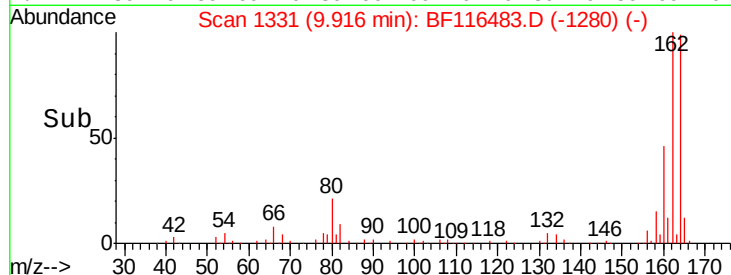
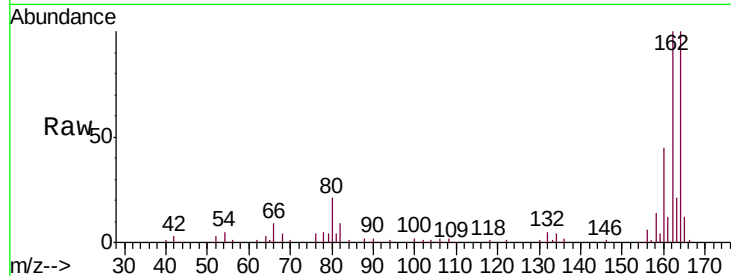
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	45.4	35.8	53.8

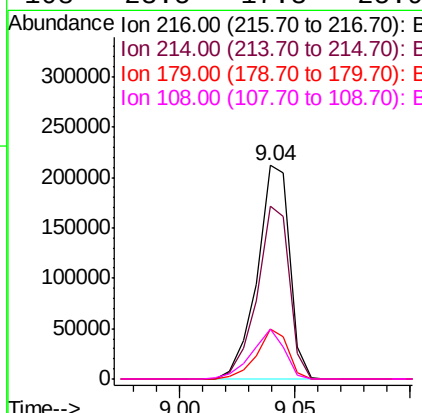
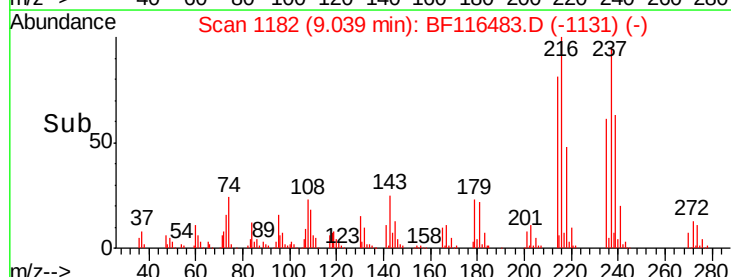
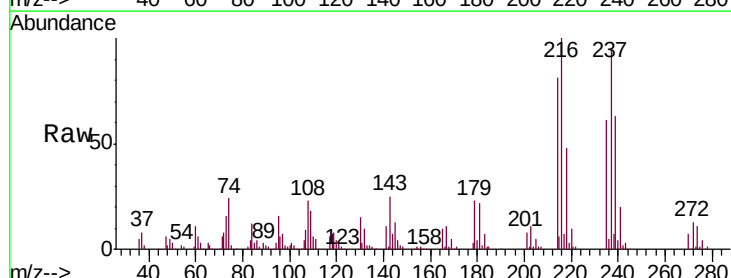
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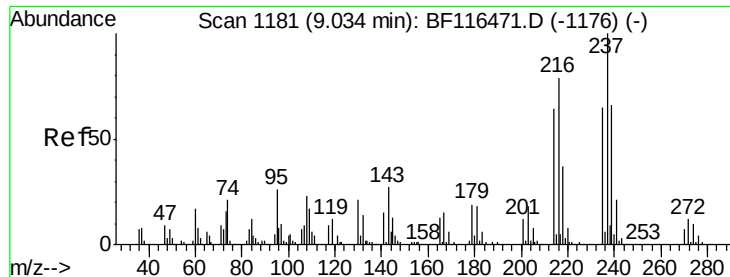
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.260 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	22.6	18.5	27.7
108	23.5	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 88.445 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

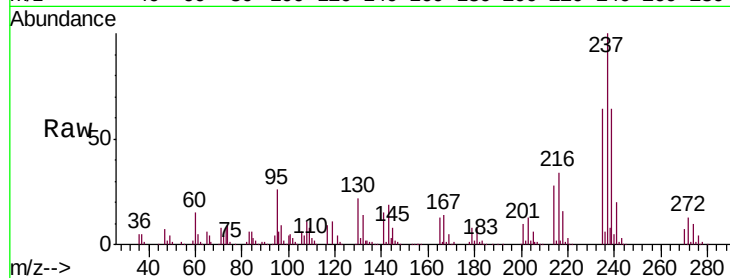
ClientSampleId :

PB122424BS

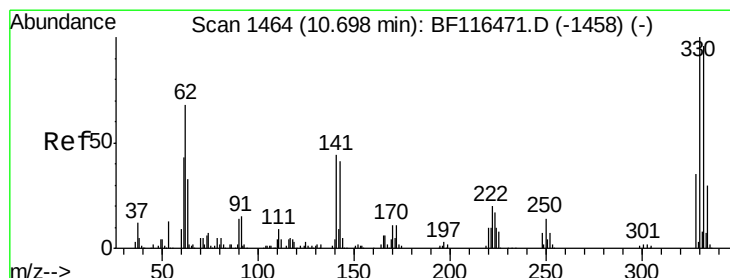
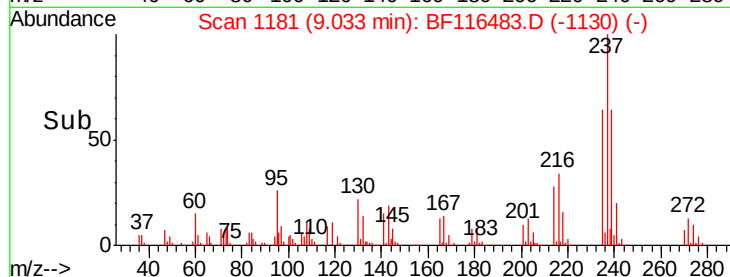
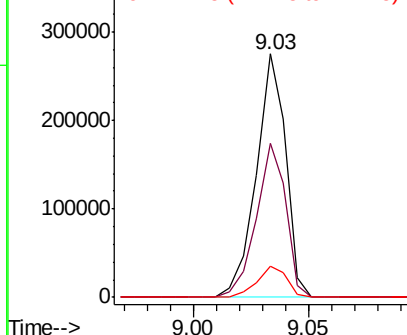
Tot Ion:	237	Resp:	246123
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.8	84.8
272	13.0	0.0	32.5

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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: 92.667 ng

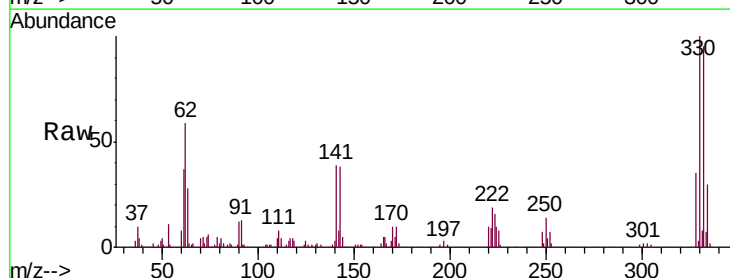
RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

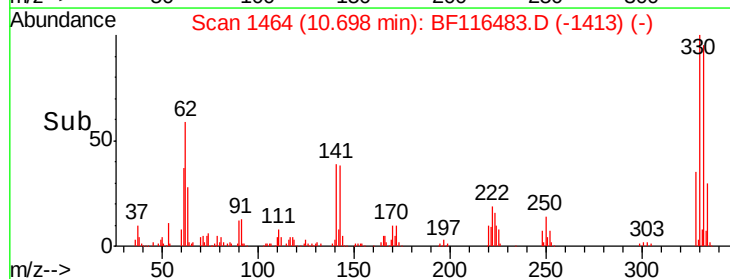
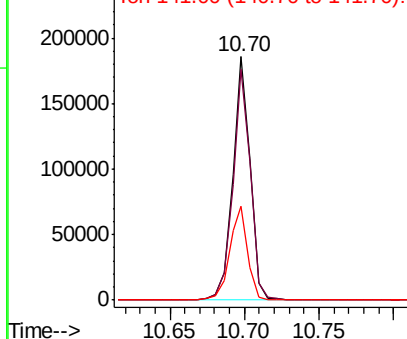
Lab File: BF116483.D

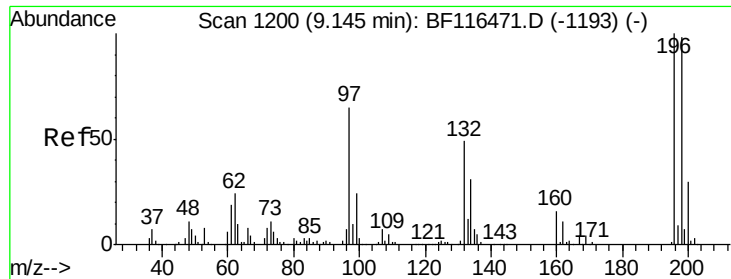
Acq: 23 Aug 2019 18:01

Tgt Ion:	330	Resp:	152968
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.2	115.8
141	39.7	33.3	49.9



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





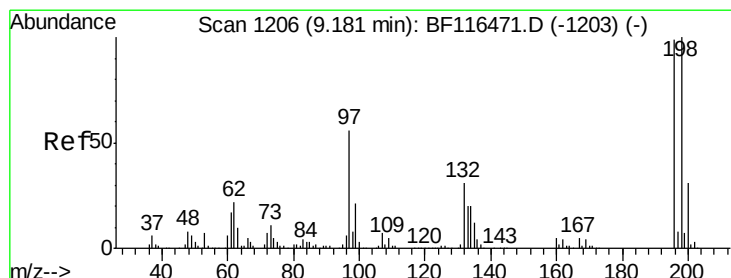
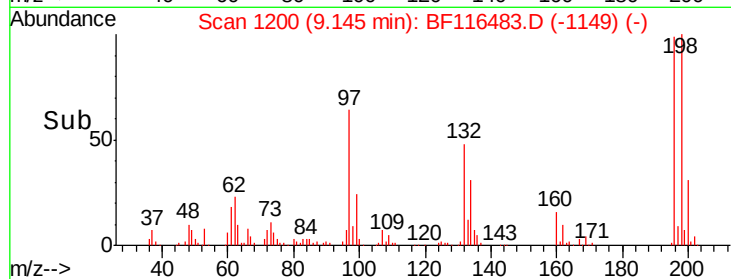
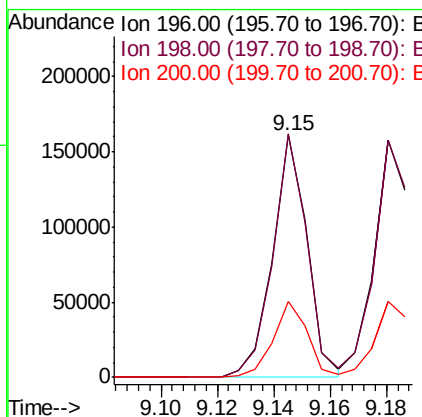
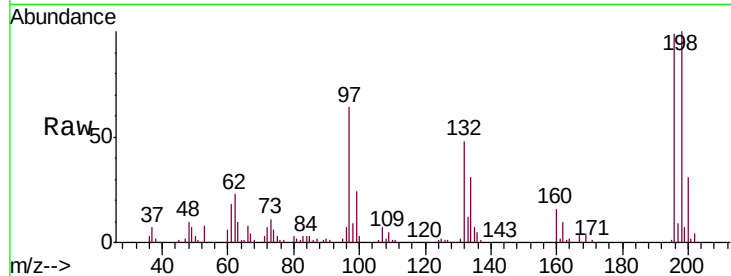
#43
 2,4,6-Trichlorophenol
 Concen: 37.640 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	136252		
198	100.6	78.0	117.0	
200	31.2	24.2	36.2	

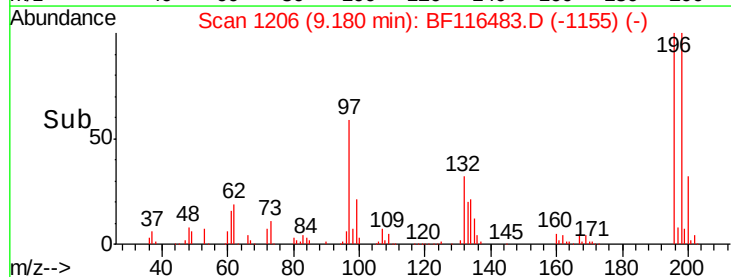
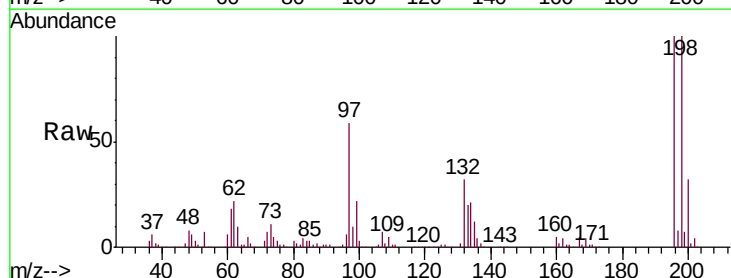
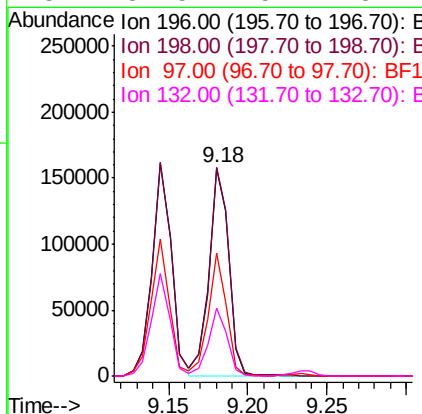
Manual Integrations
 APPROVED

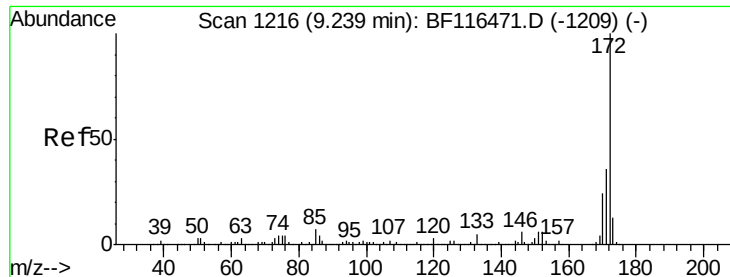
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#44
 2,4,5-Trichlorophenol
 Concen: 37.414 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137805		
198	100.2	80.8	121.2	
97	59.4	45.7	68.5	
132	32.5	25.1	37.7	





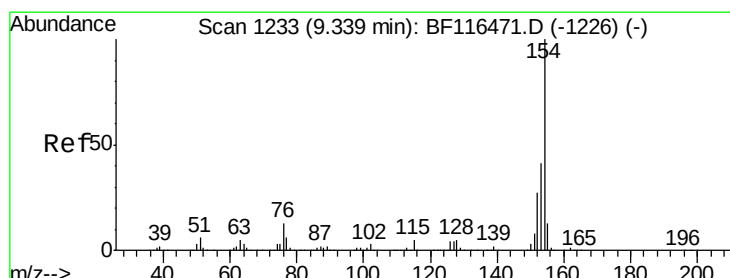
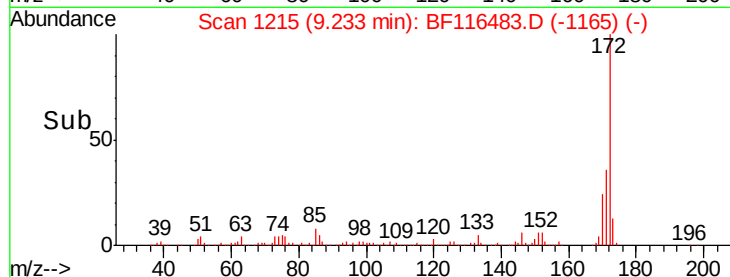
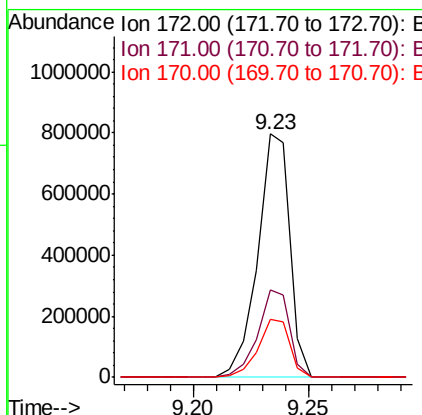
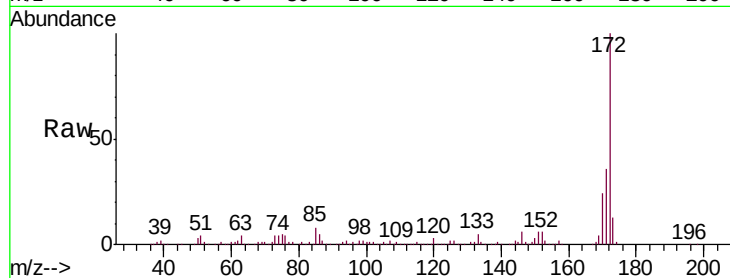
#45
2-Fluorobiphenyl
Concen: 64.834 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampled :
PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.1	28.9	43.3		
170	23.9	19.4	29.0		

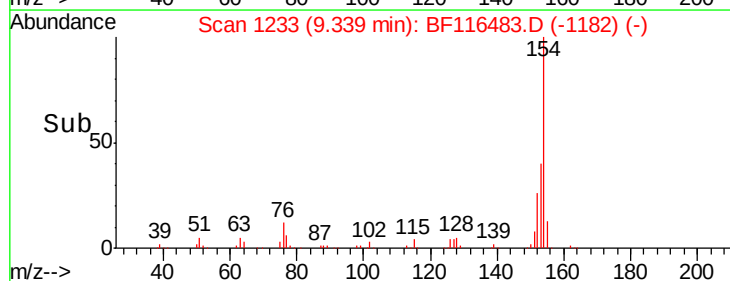
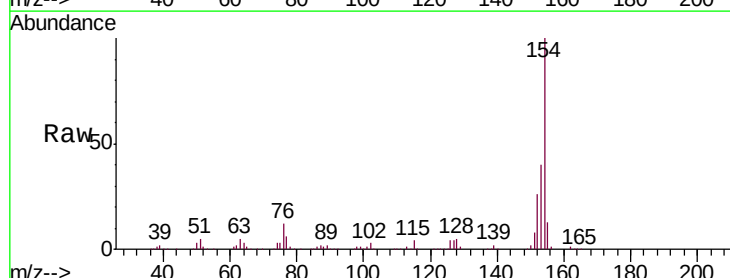
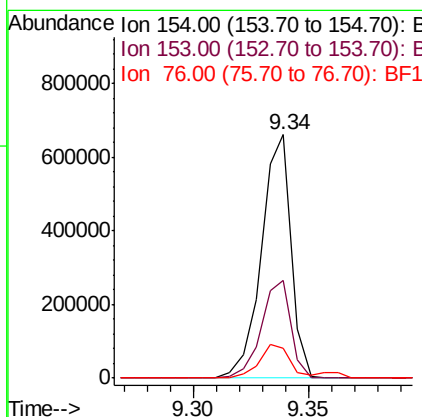
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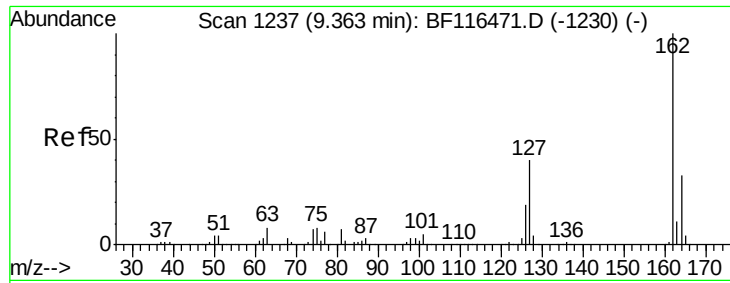
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#46
1,1'-Biphenyl
Concen: 38.308 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.3	21.3	61.3		
76	12.2	0.0	32.9		





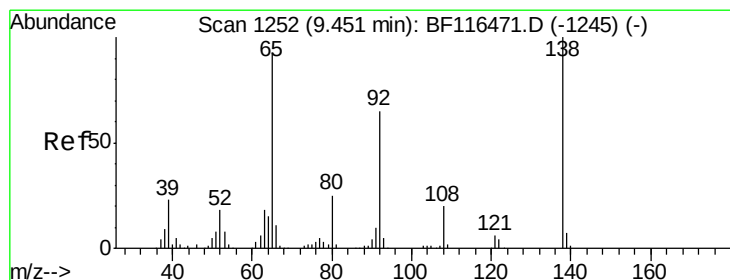
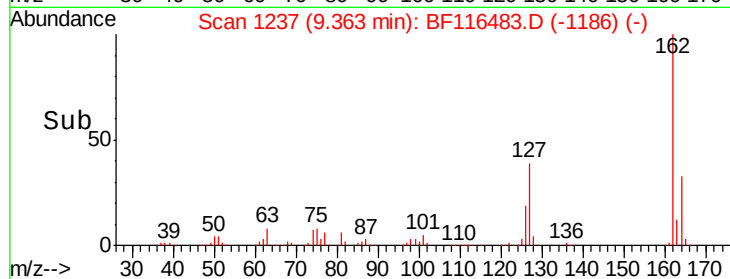
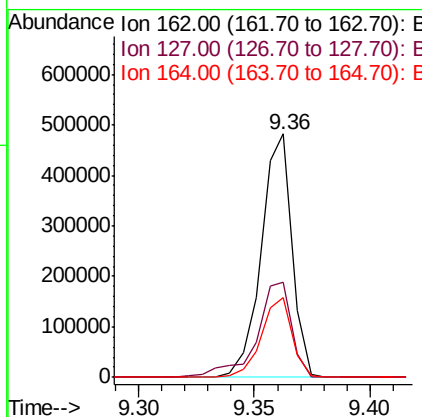
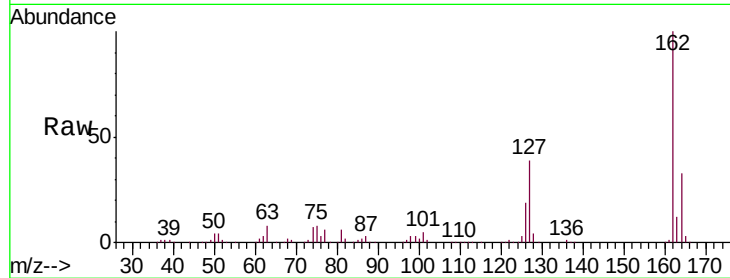
#47
 2-Chloronaphthalene
 Concen: 37.596 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	447983		
127	39.0		32.5	48.7
164	32.8		26.7	40.1

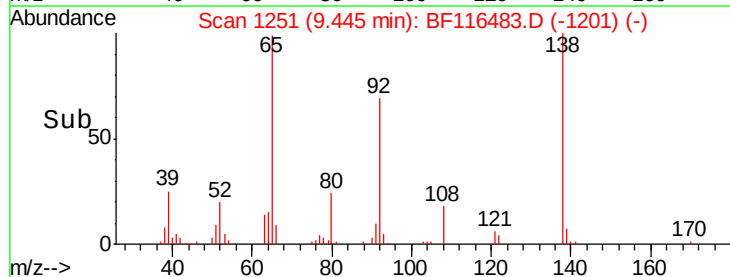
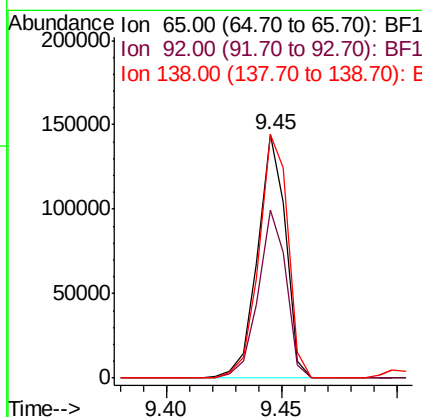
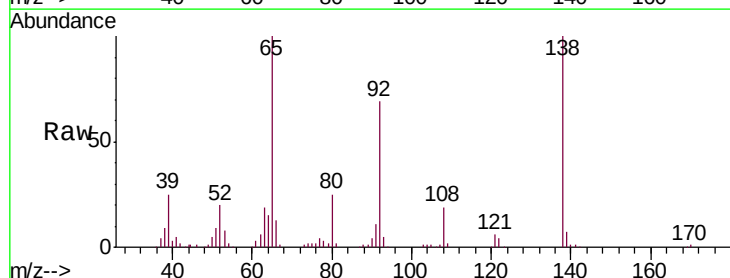
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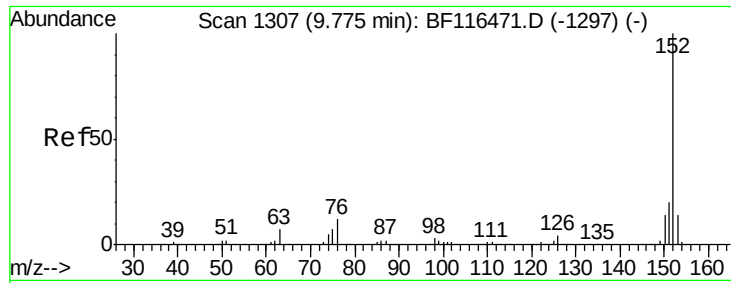
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#48
 2-Nitroaniline
 Concen: 33.449 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	122034		
92	69.2		56.2	84.2
138	99.9		86.0	129.0





#49

Acenaphthylene

Concen: 38.578 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

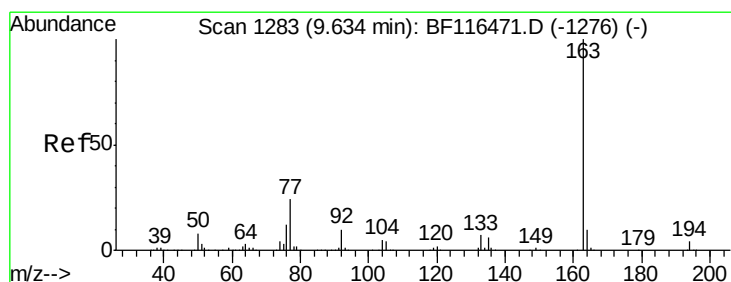
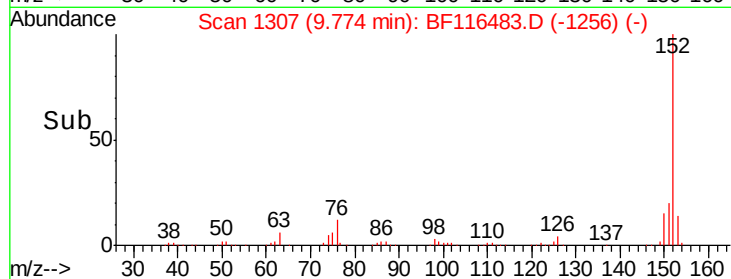
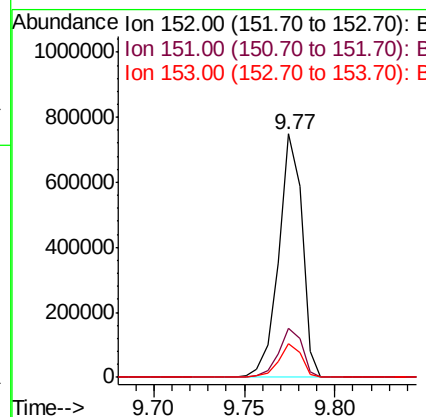
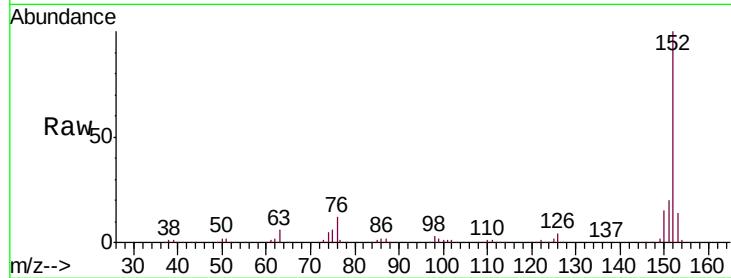
ClientSampleId :

PB122424BS

Tot Ion:	152	Resp:	672537
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.1	24.1
153	14.0	11.4	17.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 34.720 ng

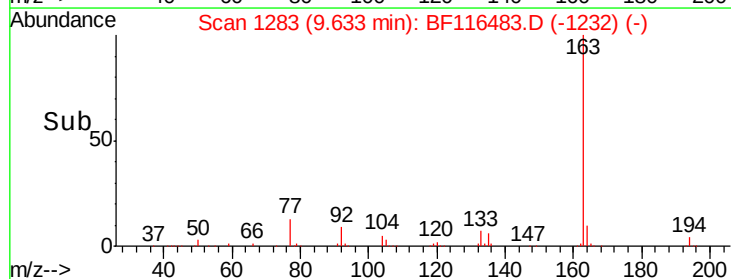
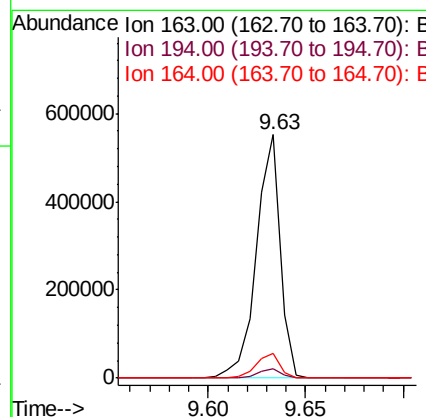
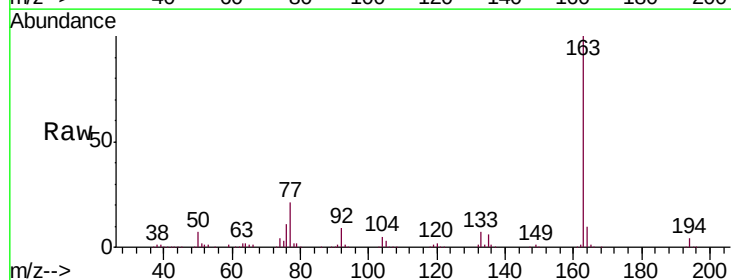
RT: 9.63 min Scan# 1283

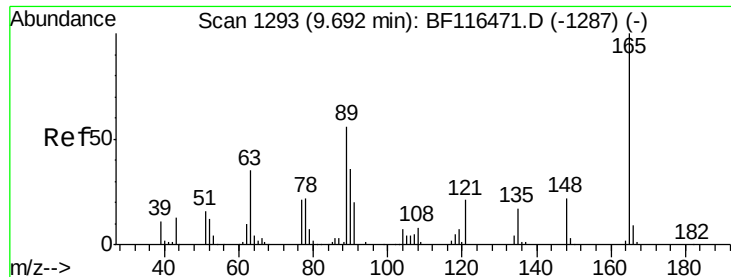
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:	163	Resp:	465690
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.0	8.2	12.2





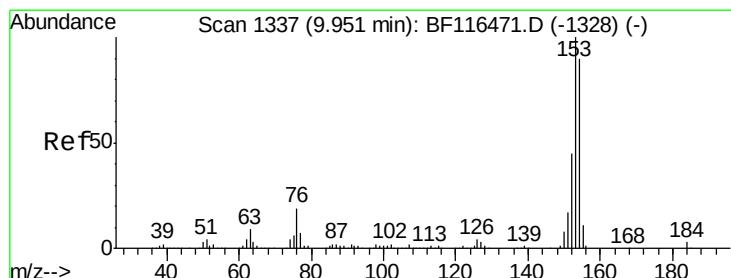
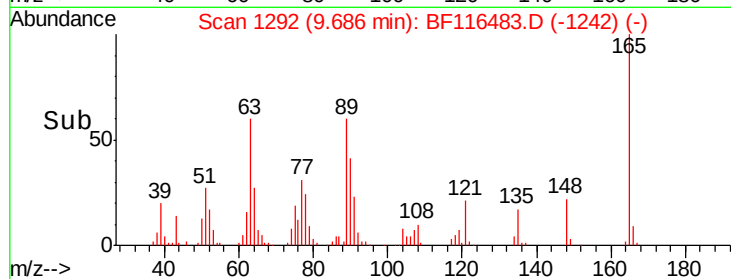
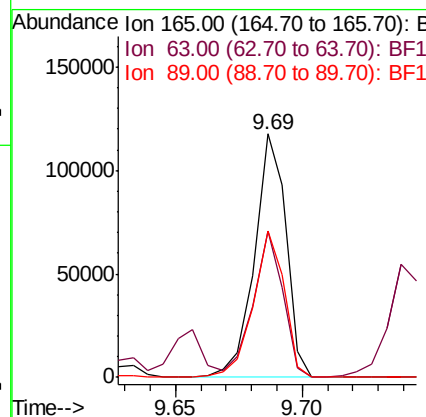
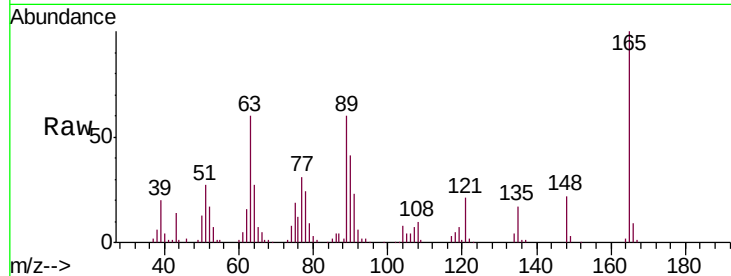
#51
 2,6-Dinitrotoluene
 Concen: 37.242 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		102245		
63	60.3	43.7	65.5		
89	60.1	45.1	67.7		

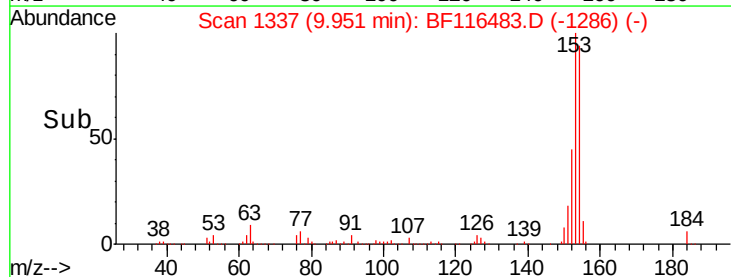
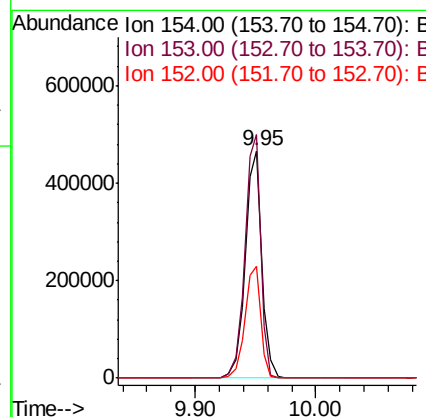
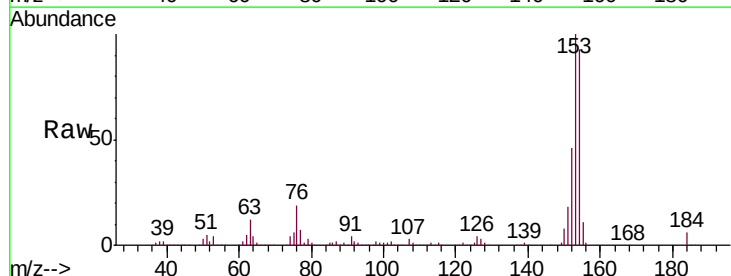
Manual Integrations
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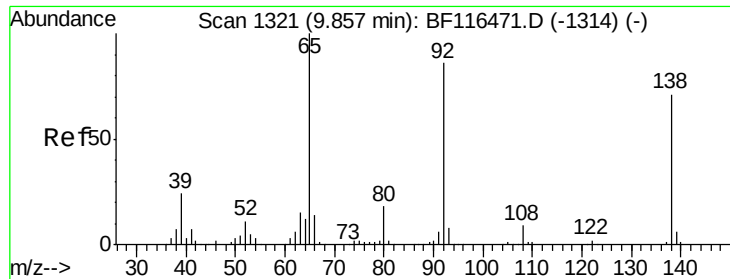
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#52
 Acenaphthene
 Concen: 39.809 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		445319		
153	107.0	89.3	133.9		
152	49.3	40.2	60.4		





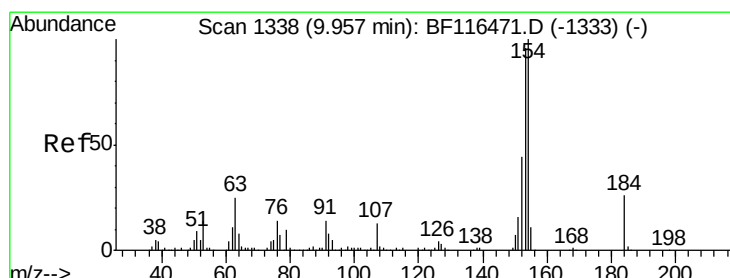
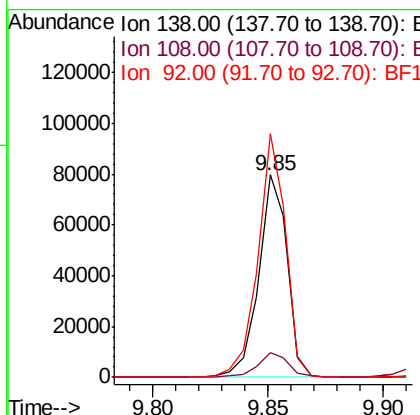
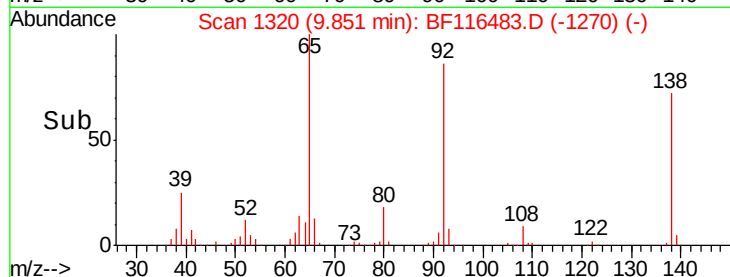
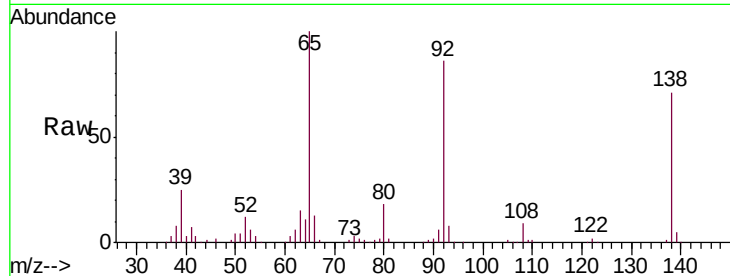
#53
3-Nitroaniline
Concen: 20.924 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.0	15.0
92	120.3	97.7	146.5

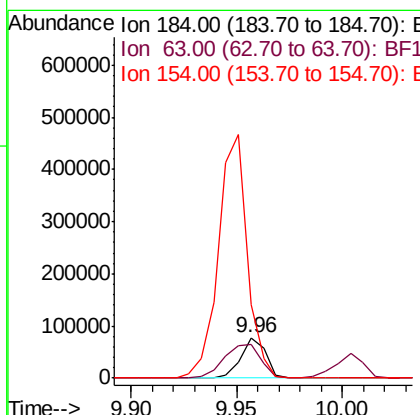
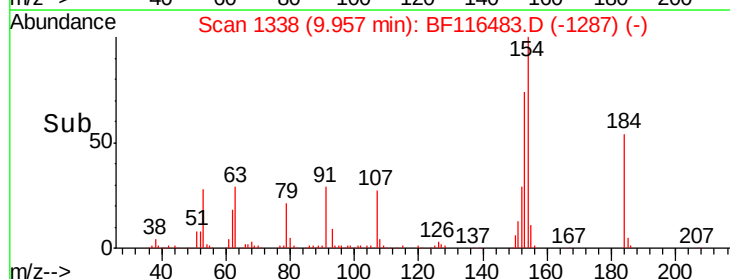
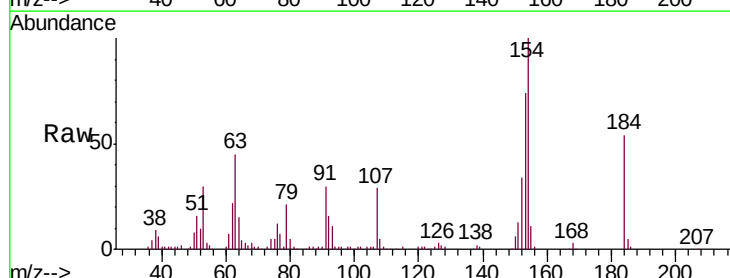
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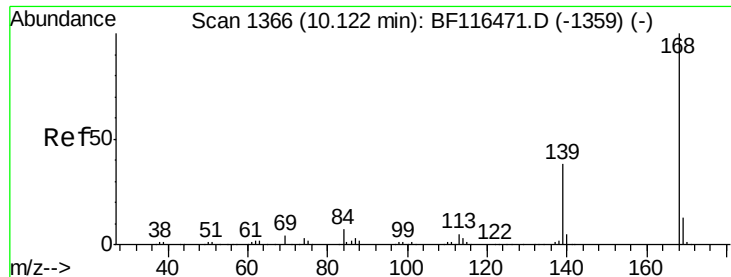
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#54
2,4-Dinitrophenol
Concen: 61.108 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	83.5	78.2	117.4
154	184.0	320.4	480.6





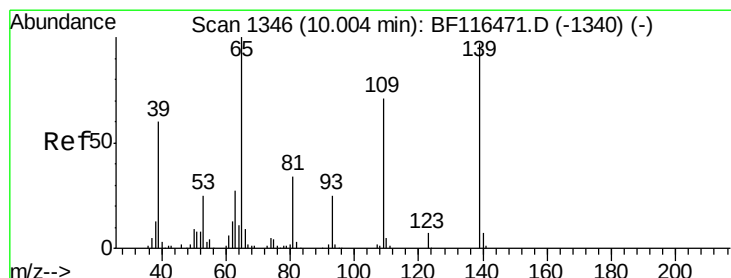
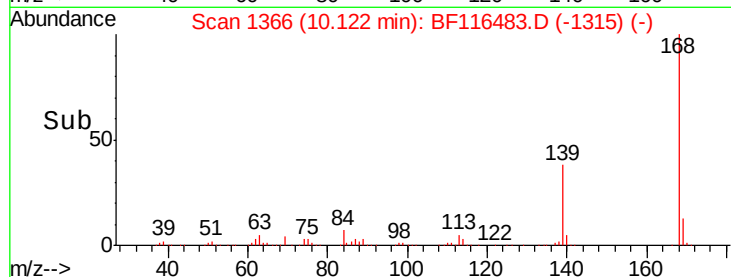
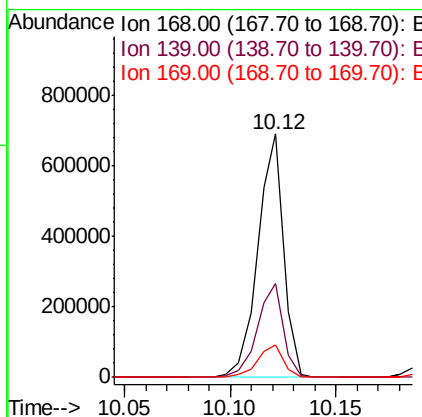
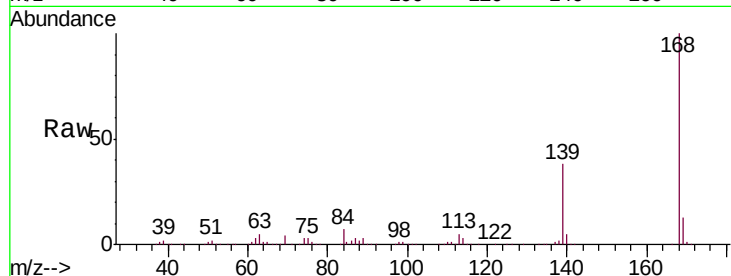
#55
Dibenzofuran
Concen: 37.692 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.7	46.1
169	13.2	10.7	16.1

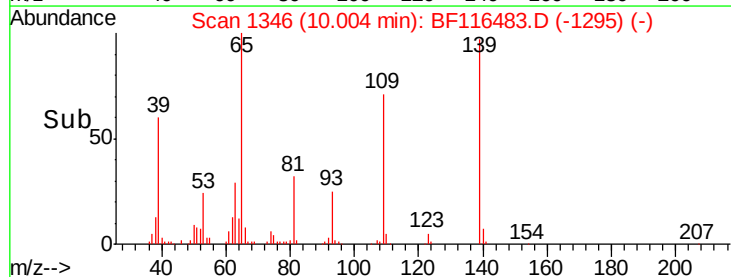
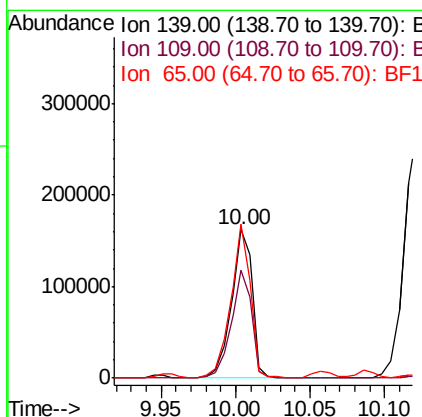
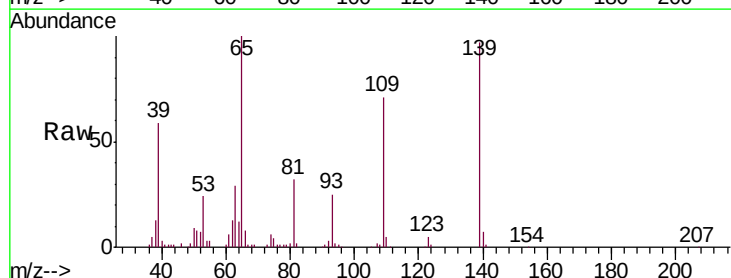
Manual Integrations
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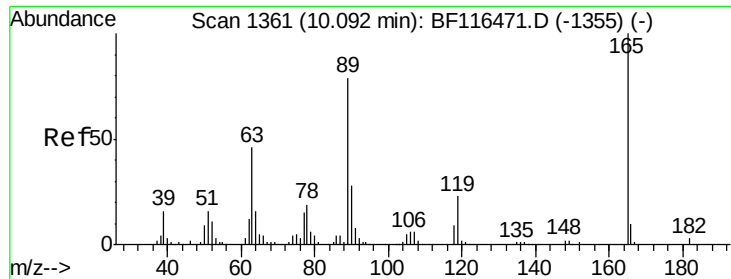
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#56
4-Nitrophenol
Concen: 62.939 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	53.4	93.4
65	103.5	83.0	123.0





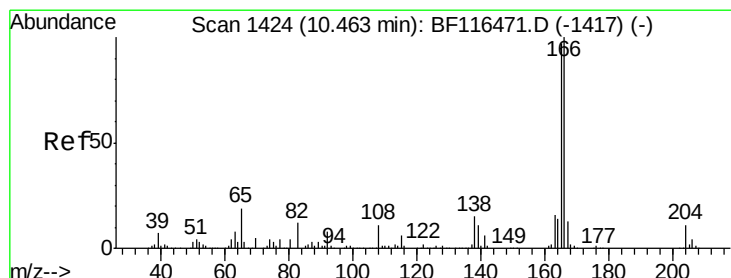
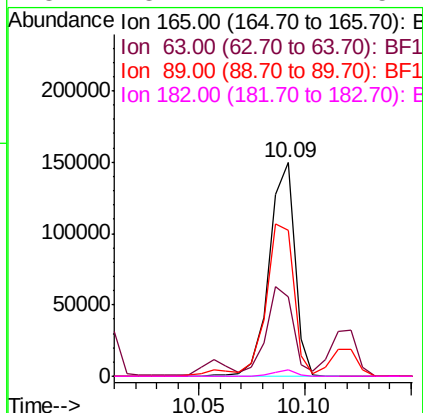
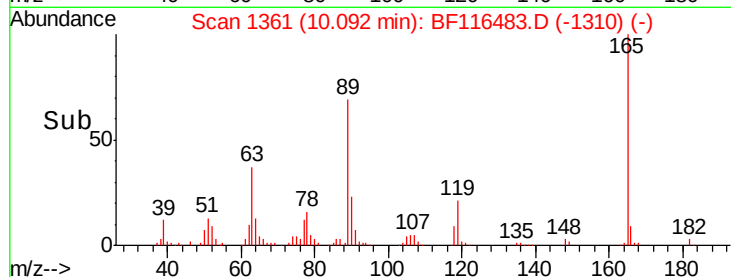
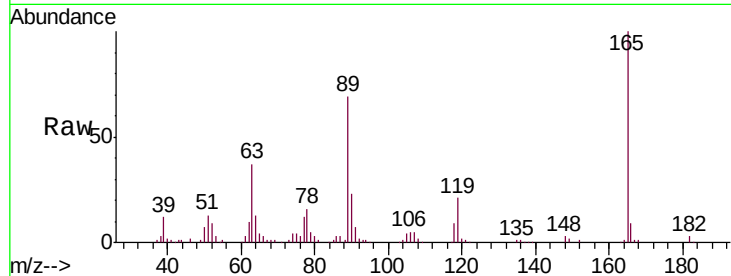
#57
2,4-Dinitrotoluene
Concen: 36.249 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	36.9	55.3
89	68.6	63.4	95.0
182	3.2	2.1	3.1#

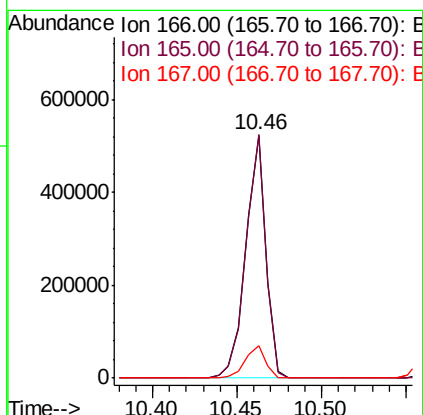
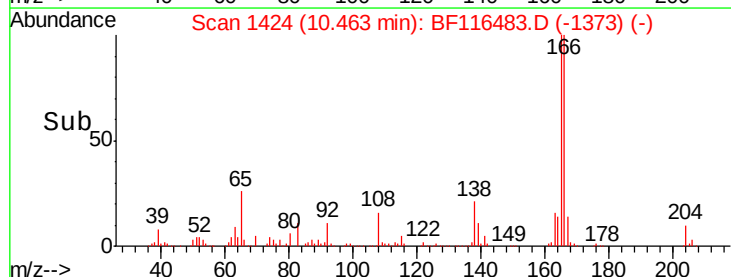
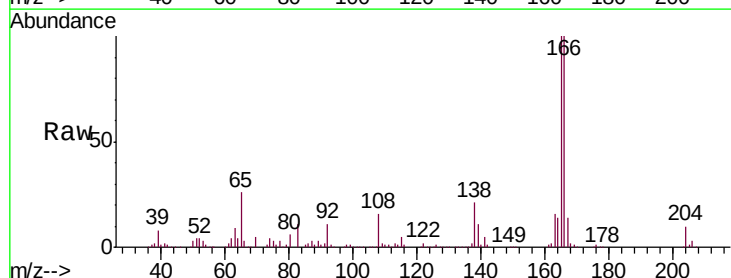
Manual Integrations
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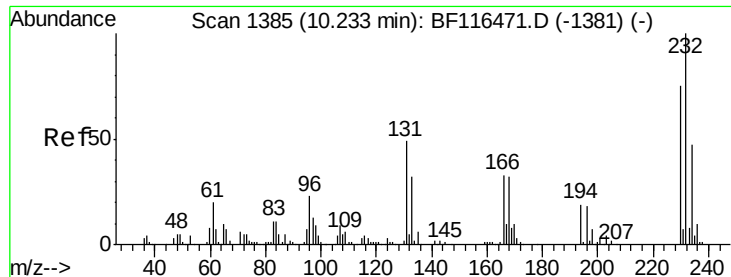
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#58
Fluorene
Concen: 35.973 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.4	116.0
167	13.6	10.8	16.2





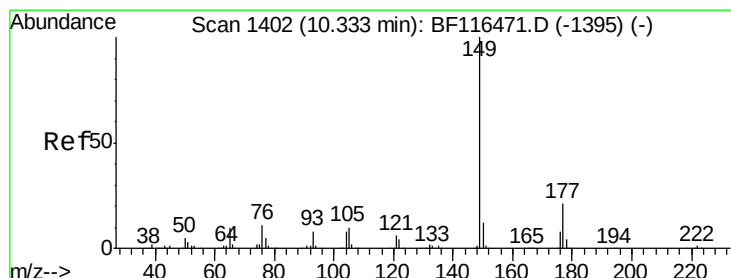
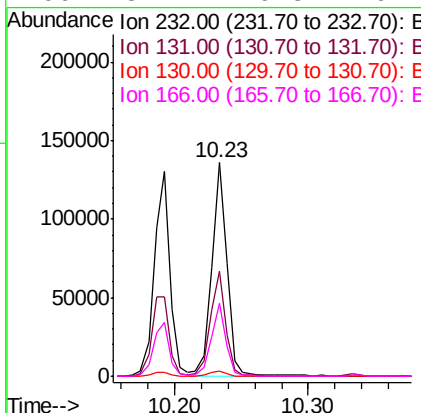
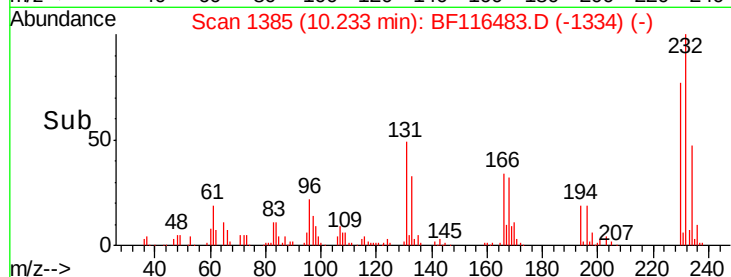
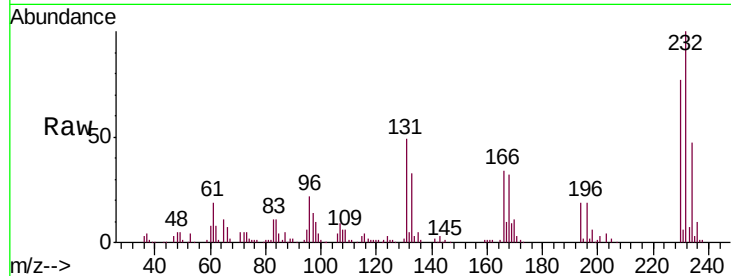
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.489 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		110354		
131	49.2	40.8	61.2		
130	2.3	1.8	2.8		
166	32.7	26.8	40.2		

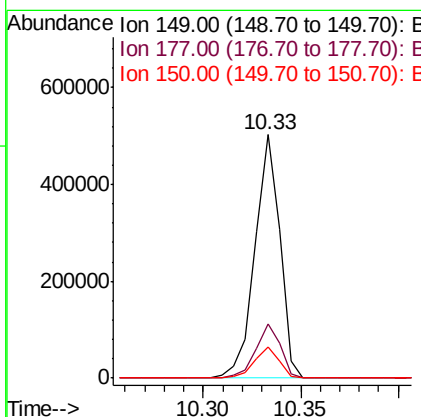
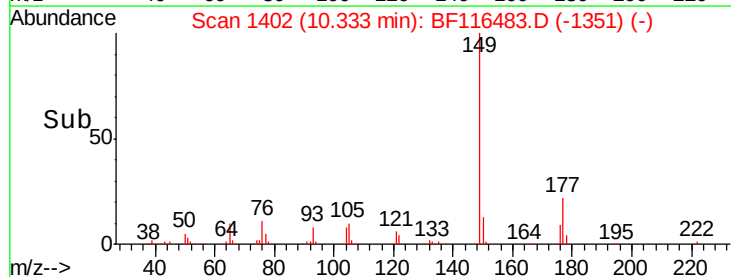
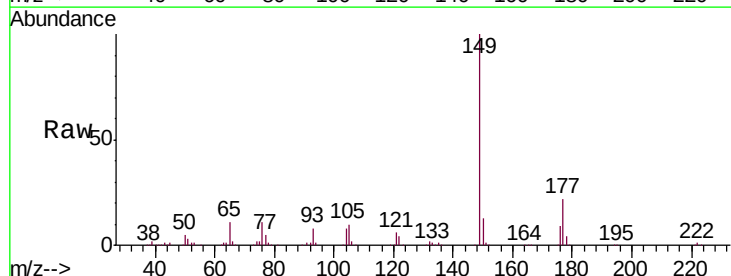
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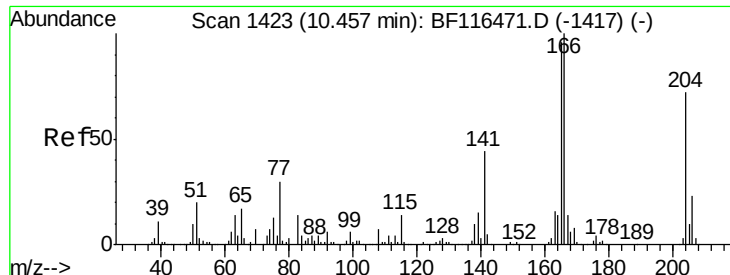
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#60
Diethylphthalate
Concen: 33.737 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		444749		
177	22.2	17.1	25.7		
150	12.5	9.8	14.6		





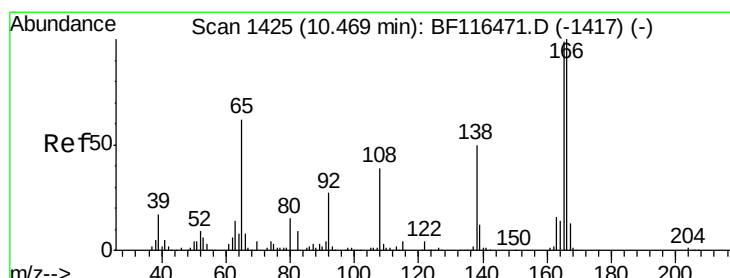
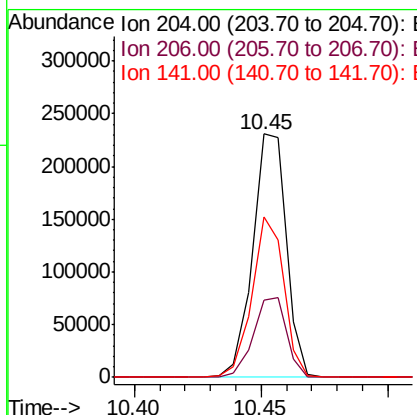
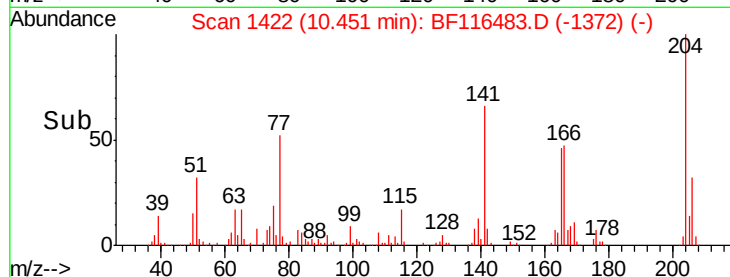
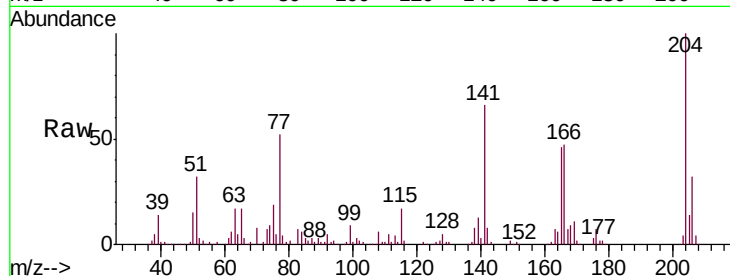
#61
 4-Chlorophenyl-phenylether
 Concen: 36.304 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion:	204	Resp:	214568
Ion Ratio	Lower	Upper	
204	100		
206	31.8	25.9	38.9
141	66.0	48.6	73.0

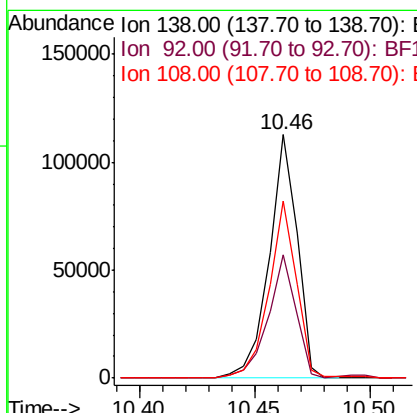
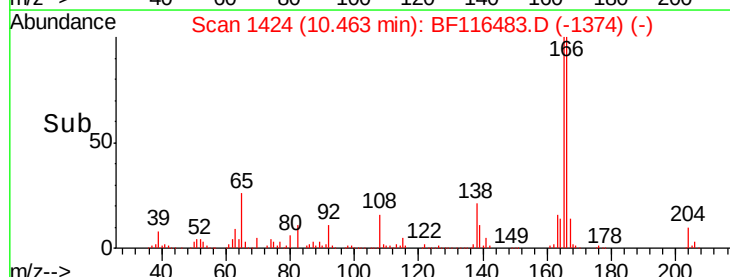
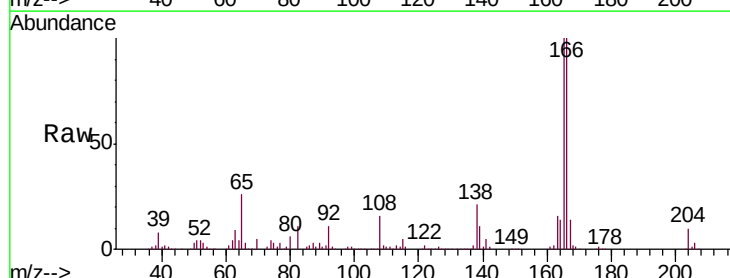
Manual Integrations
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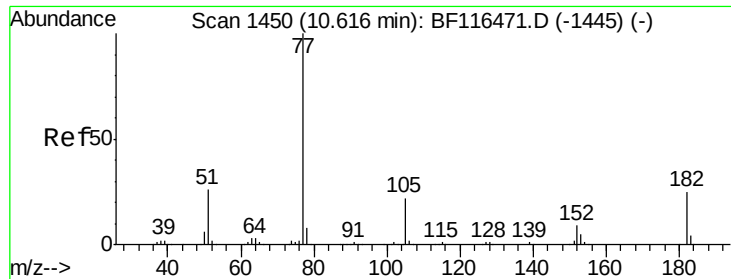
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#62
 4-Nitroaniline
 Concen: 29.750 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:	138	Resp:	95217
Ion Ratio	Lower	Upper	
138	100		
92	50.8	34.9	74.9
108	72.8	57.7	97.7





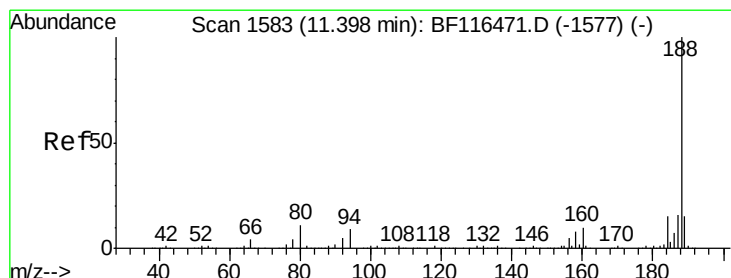
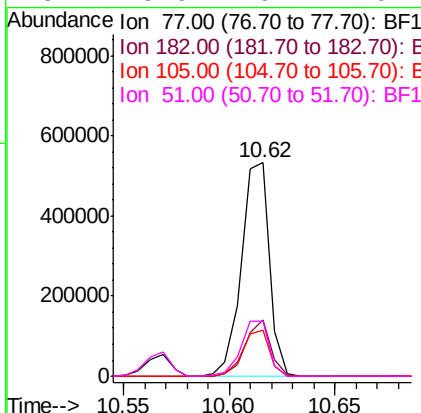
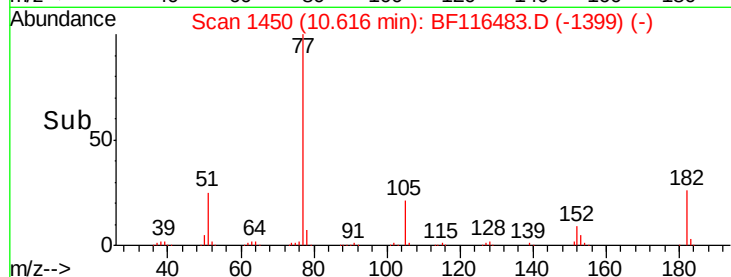
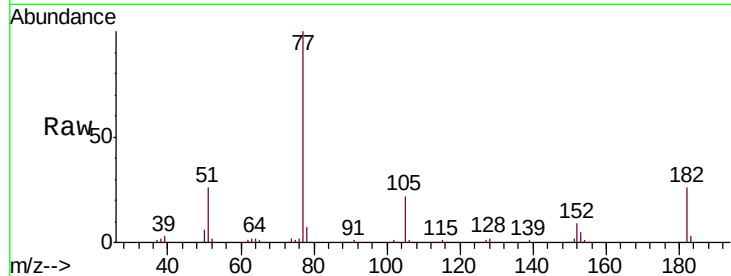
#63
Azobenzene
Concen: 36.000 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		487973		
182	26.1	5.4	45.4		
105	21.9	1.6	41.6		
51	25.6	6.2	46.2		

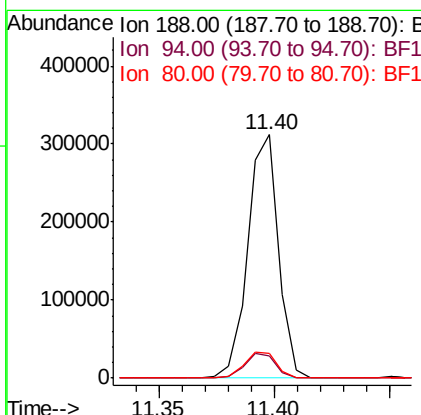
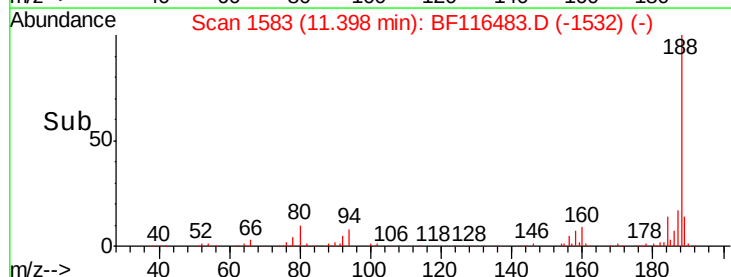
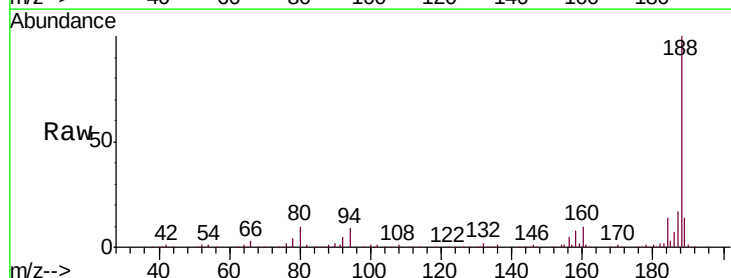
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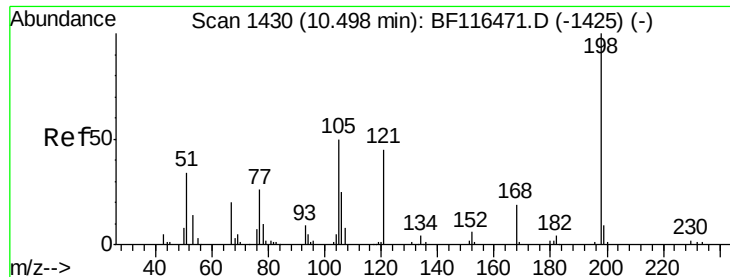
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		288193		
94	9.1	7.4	11.2		
80	10.1	8.6	12.8		





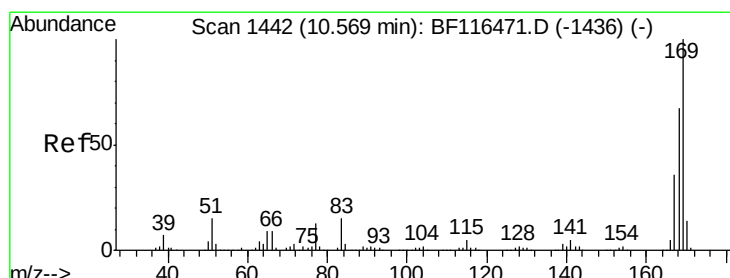
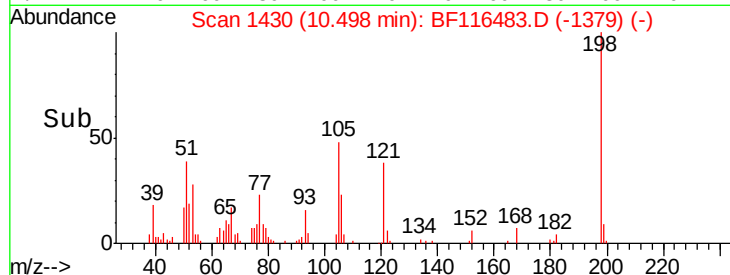
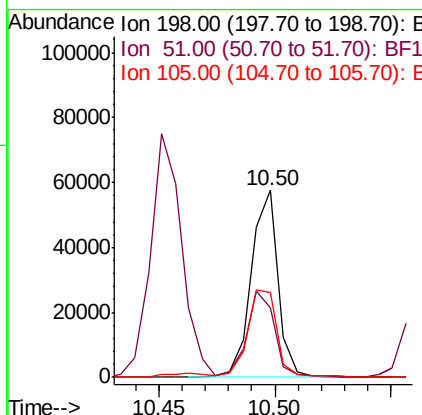
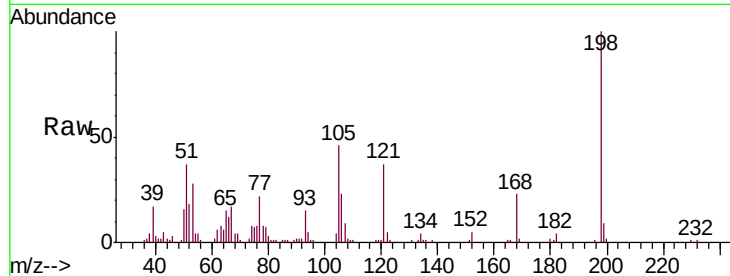
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.744 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleID :
 PB122424BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	46683		
51	37.4		30.4	70.4
105	45.5		32.8	72.8

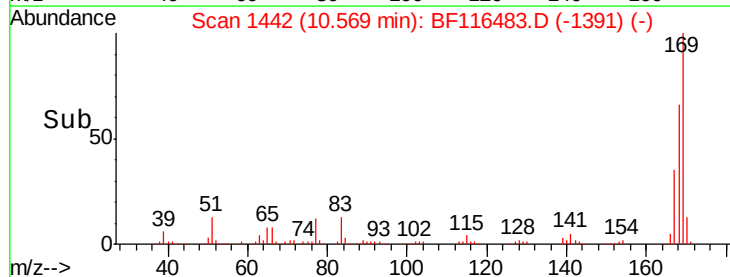
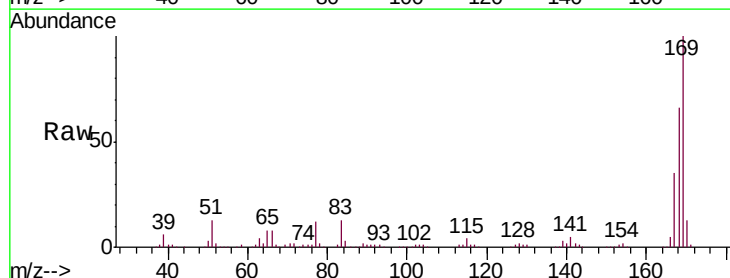
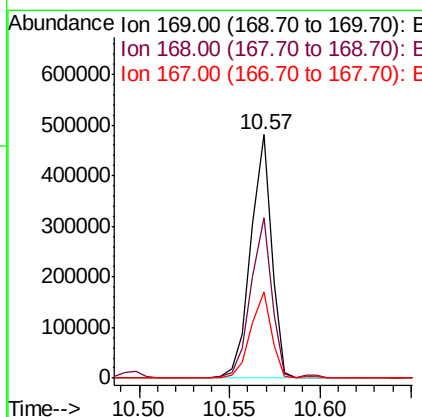
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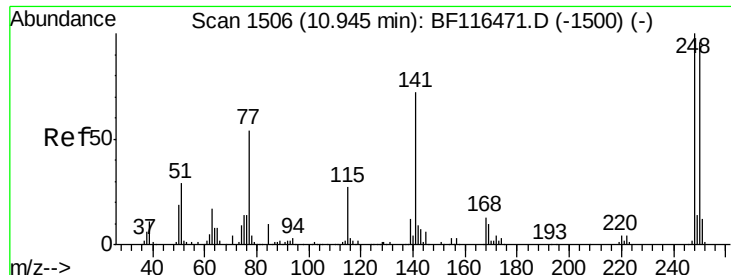
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#66
 n-Nitrosodiphenylamine
 Concen: 41.511 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	387363		
168	65.7		53.6	80.4
167	35.3		28.7	43.1





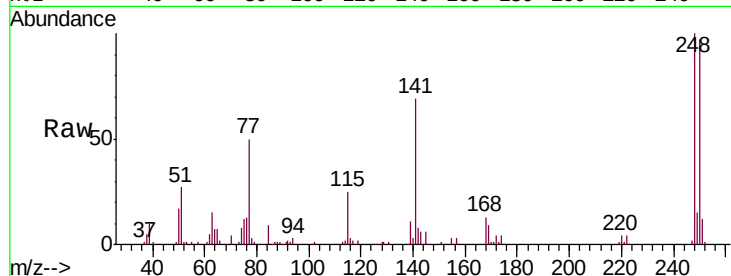
#67
4-Bromophenyl-phenylether
Concen: 40.568 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	69.2	57.4	86.0

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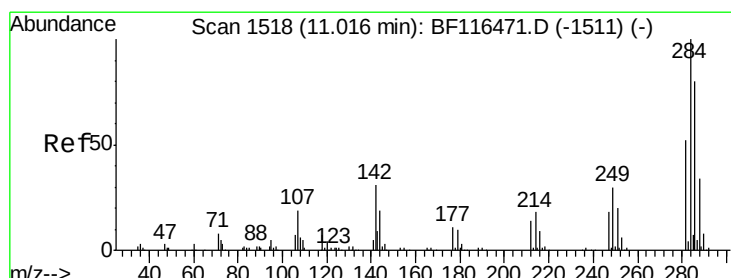
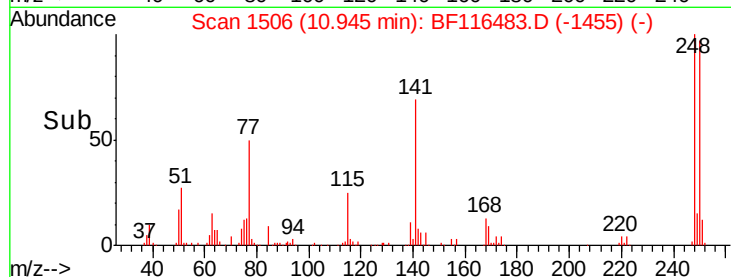
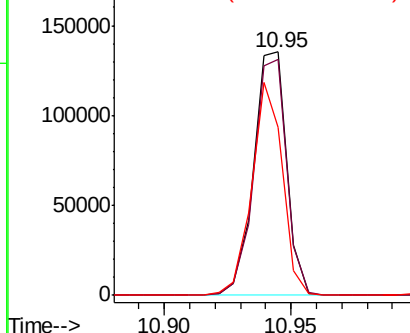


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.601 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

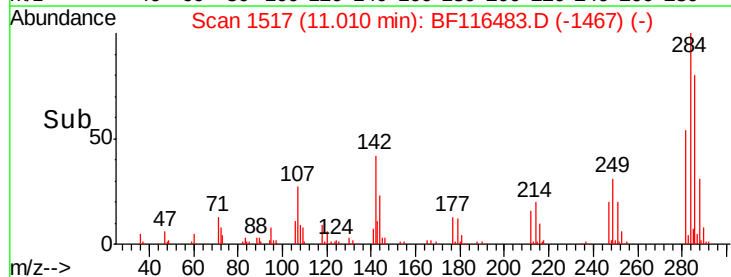
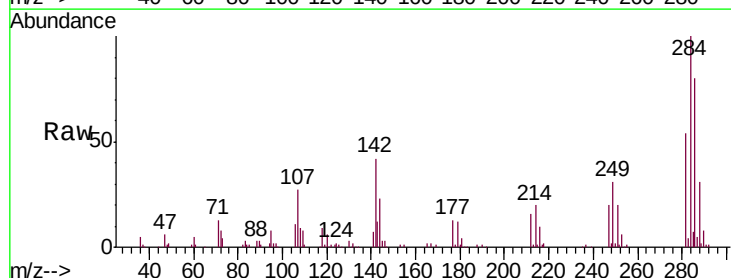
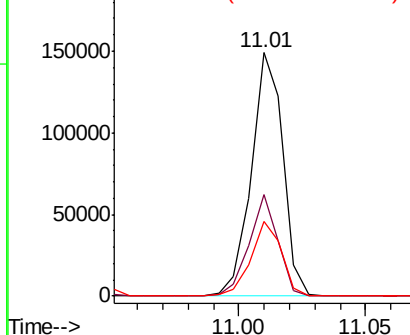
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.8	24.6	36.8#
249	30.8	24.1	36.1

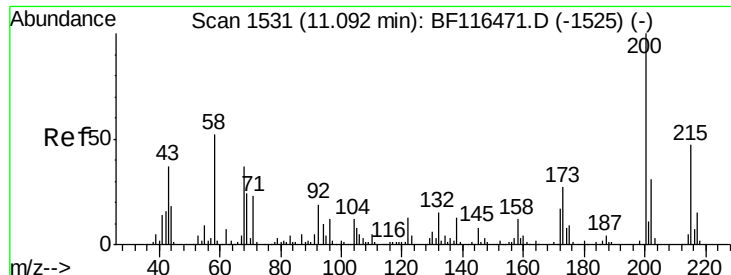
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





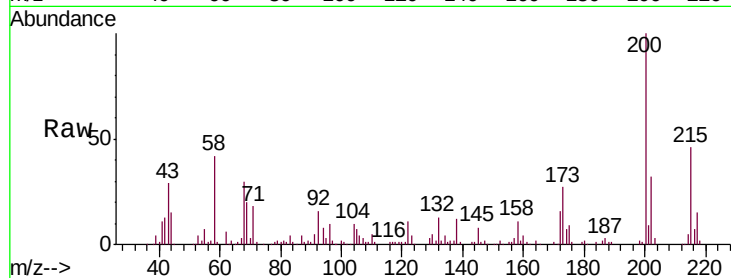
#69
Atrazine
Concen: 37.083 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	46.3	26.7	66.7

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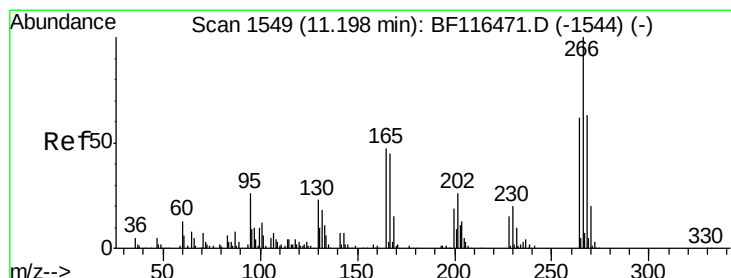
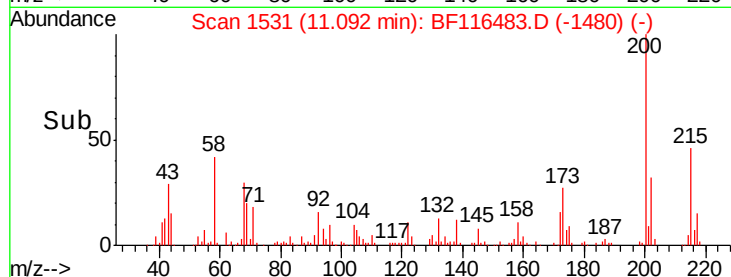
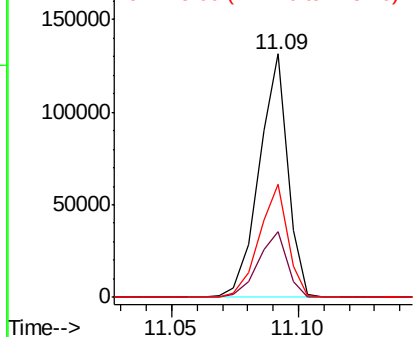


Abundance

Ion 200.00 (199.70 to 200.70): E

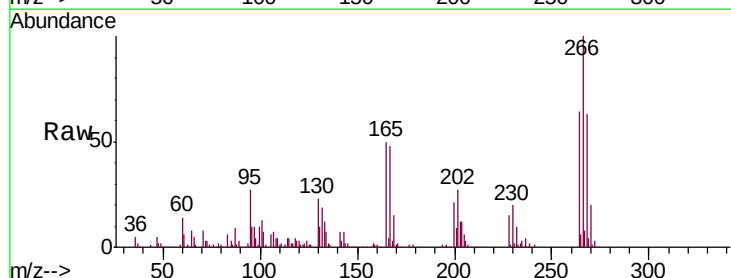
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.070 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.7	76.1
264	64.4	50.0	75.0

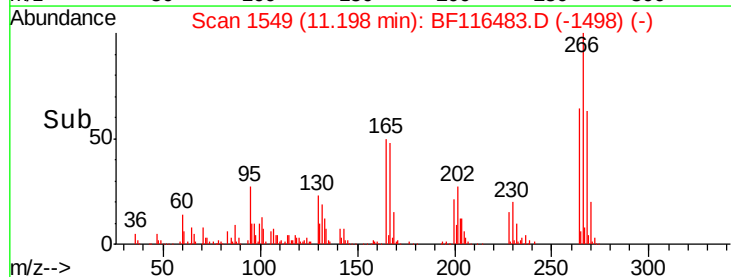
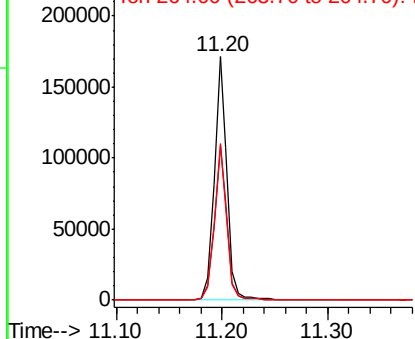


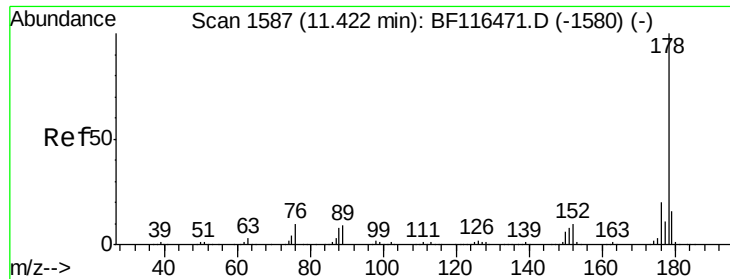
Abundance

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





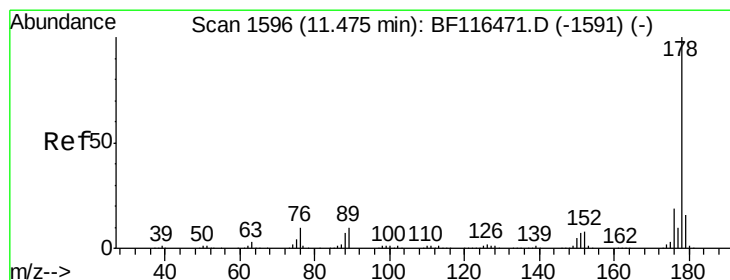
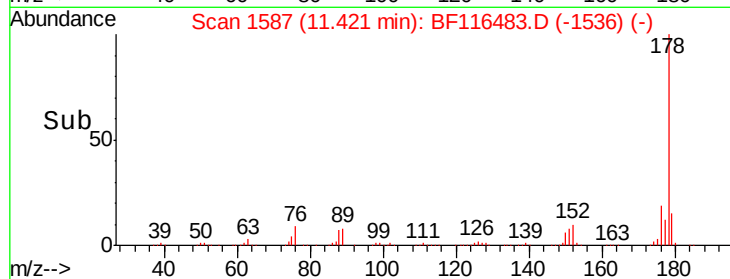
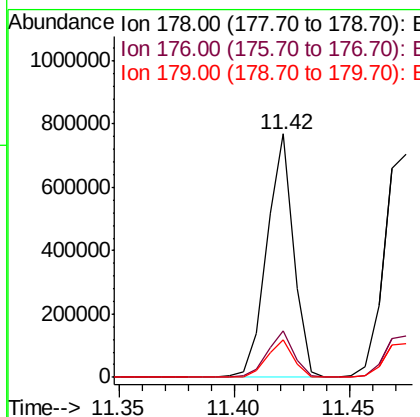
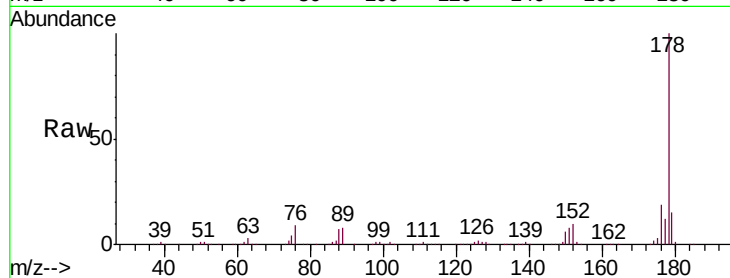
#71
 Phenanthrene
 Concen: 39.328 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampled :
 PB122424BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.4	12.8	19.2

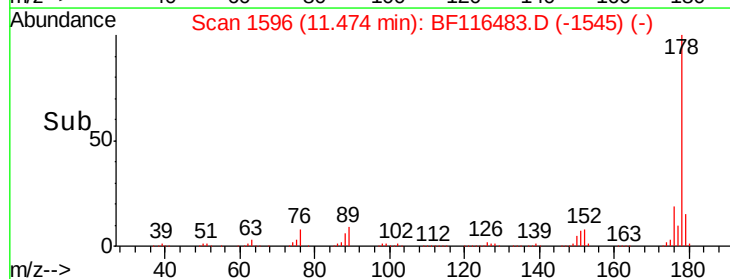
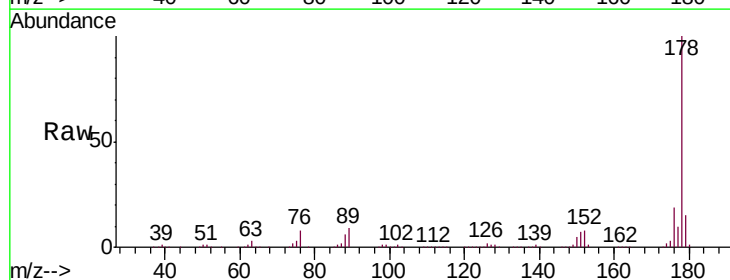
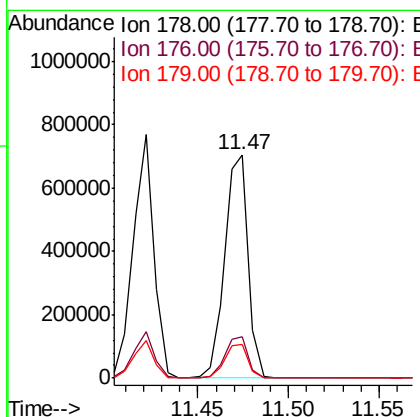
Manual Integrations
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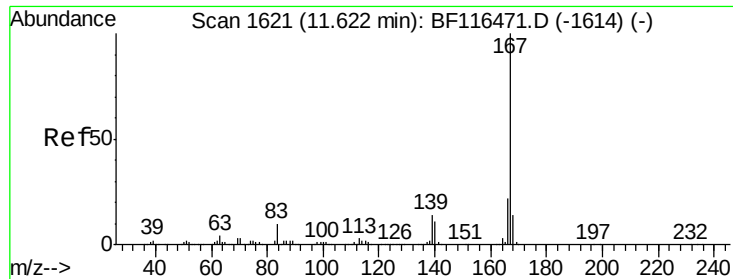
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#72
 Anthracene
 Concen: 40.077 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.0	12.5	18.7





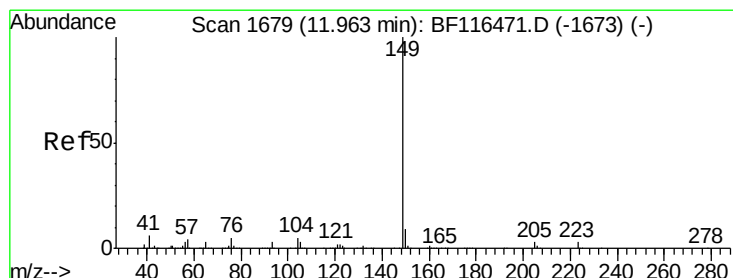
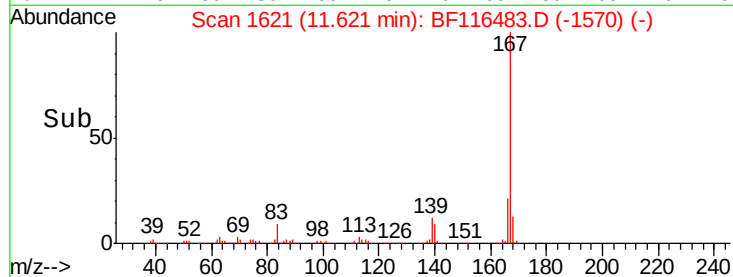
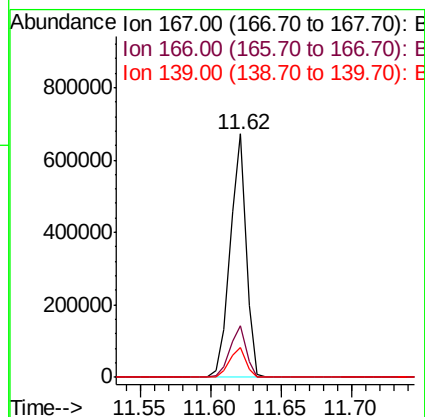
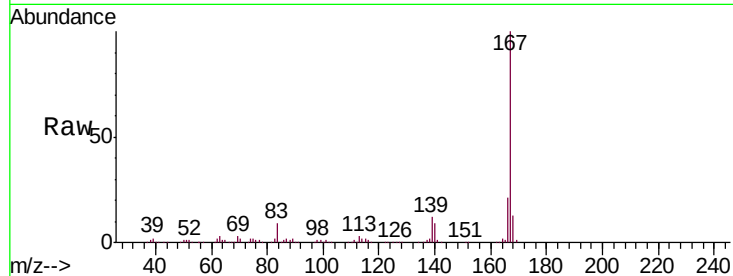
#73
 Carbazole
 Concen: 37.189 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion:	167	Resp:	526630
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.8	26.6
139	12.5	10.9	16.3

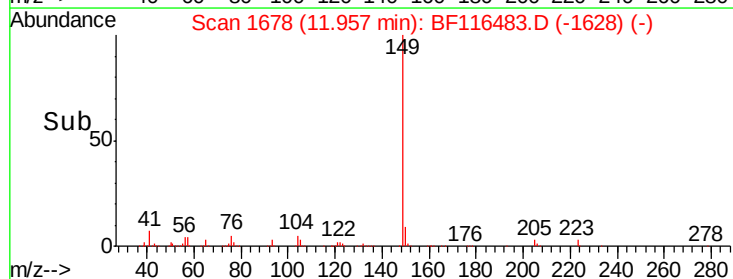
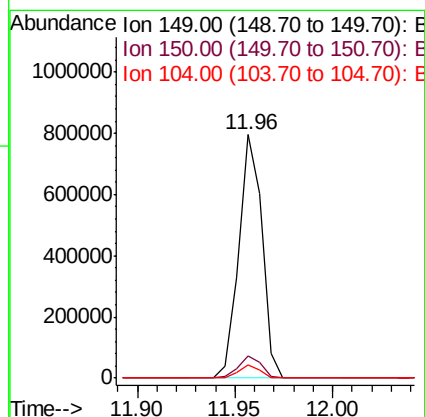
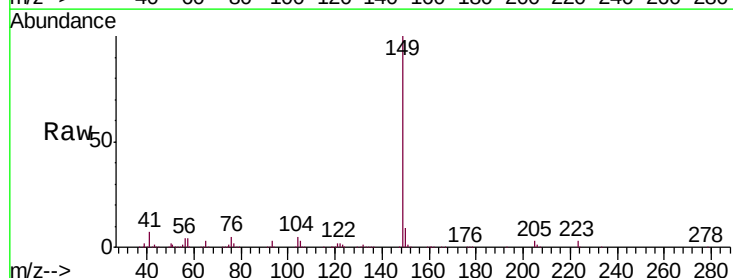
Manual Integrations
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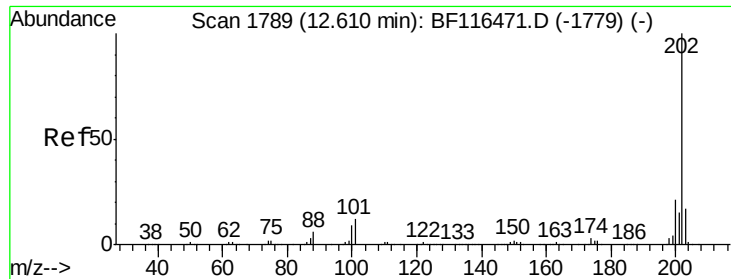
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#74
 Di-n-butylphthalate
 Concen: 37.342 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:	149	Resp:	655259
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	5.4	4.1	6.1





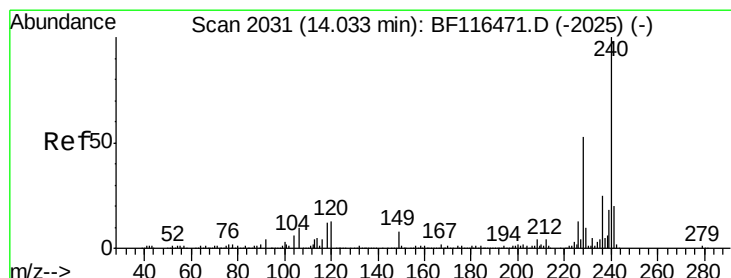
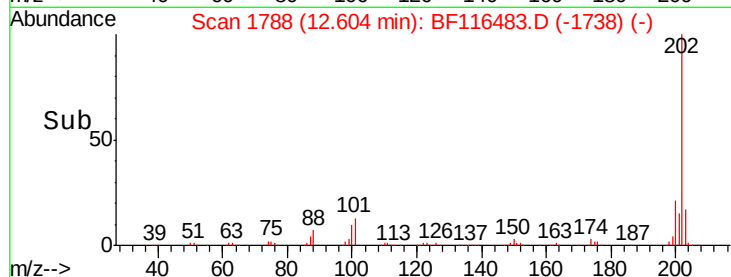
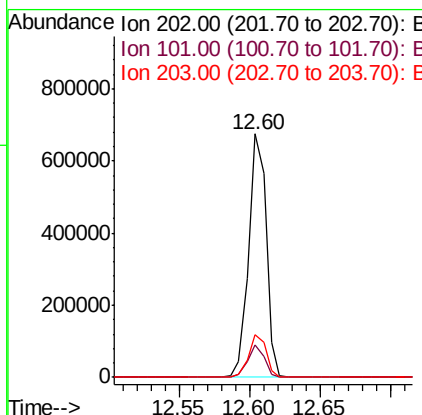
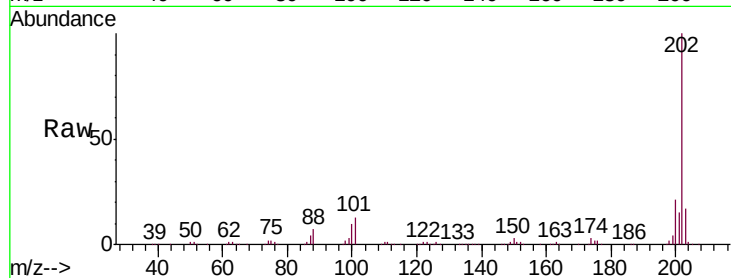
#75
Fluoranthene
Concen: 36.357 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	31.5
203	17.5	0.0	37.5

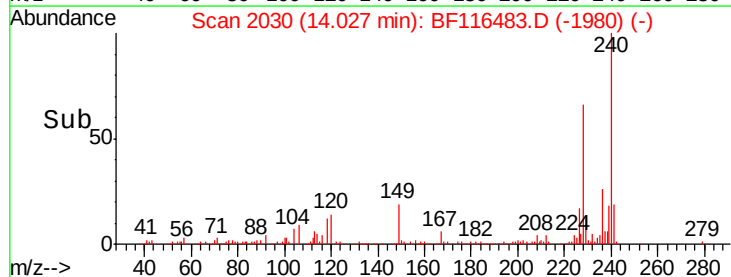
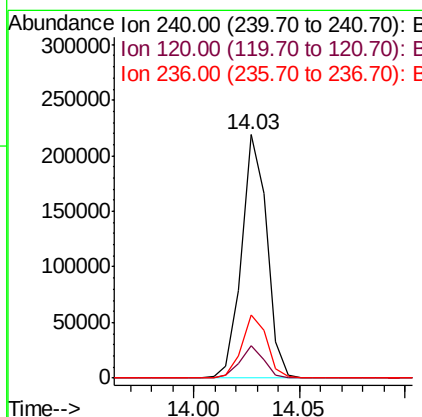
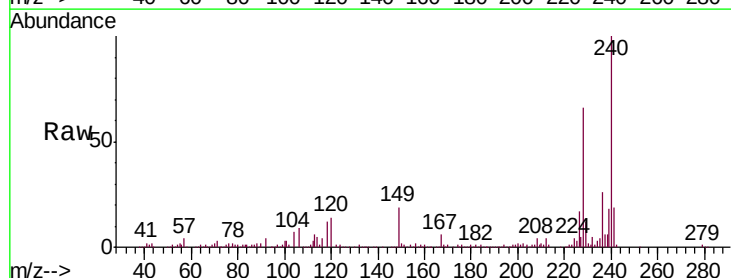
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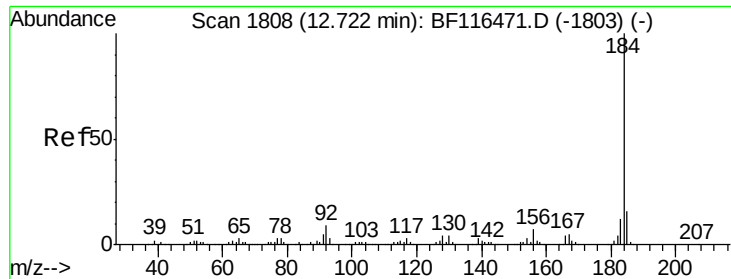
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	10.5	15.7
236	26.0	20.2	30.2





#77

Benzidine

Concen: 33.980 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

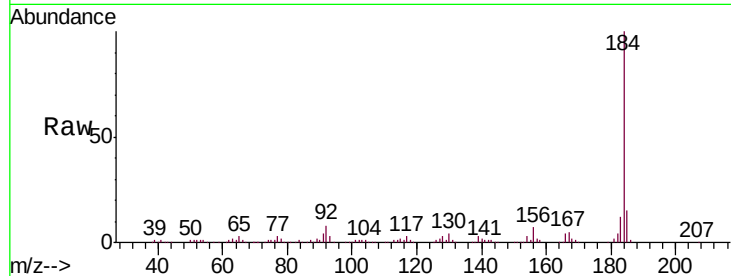
ClientSampleId :

PB122424BS

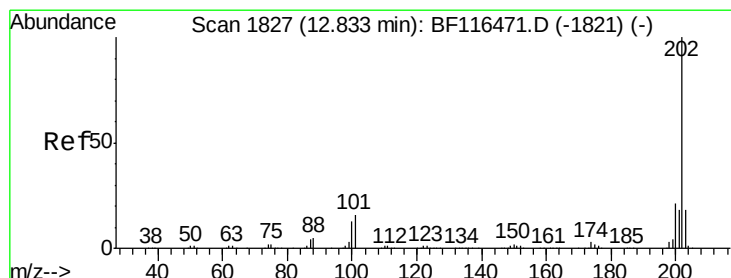
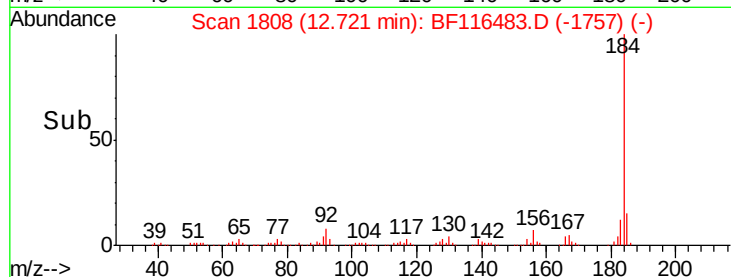
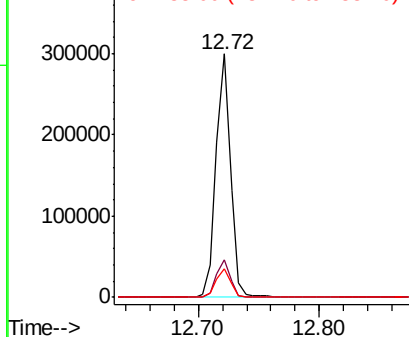
Tot Ion:	184	Resp:	247217
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.0	19.4
183	11.5	9.8	14.6

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



#78

Pyrene

Concen: 40.657 ng

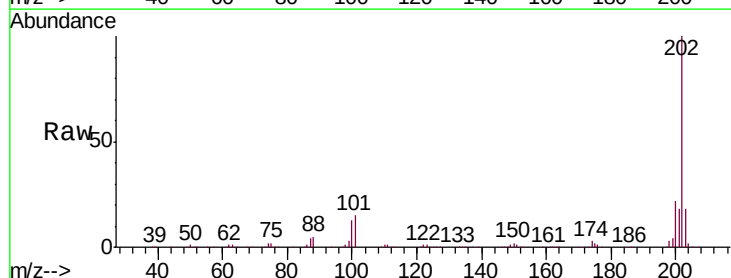
RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

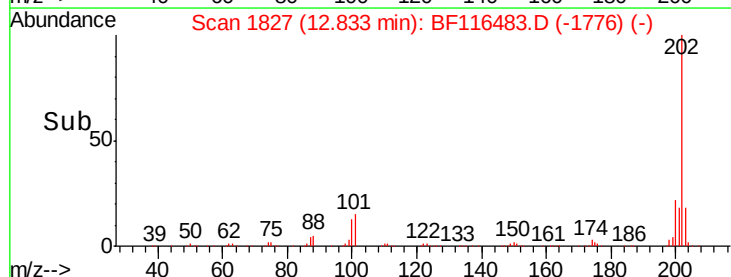
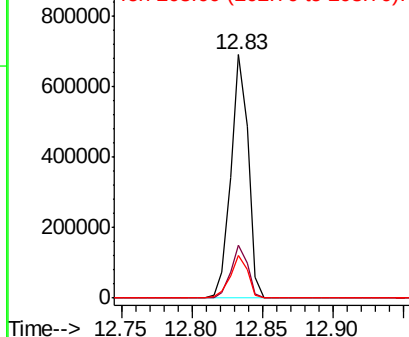
Lab File: BF116483.D

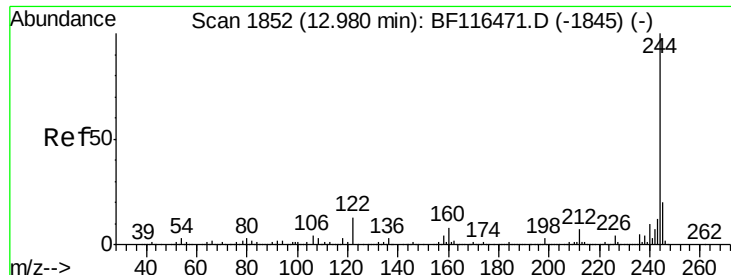
Acq: 23 Aug 2019 18:01

Tgt Ion:	202	Resp:	587952
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	17.7	14.2	21.4



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





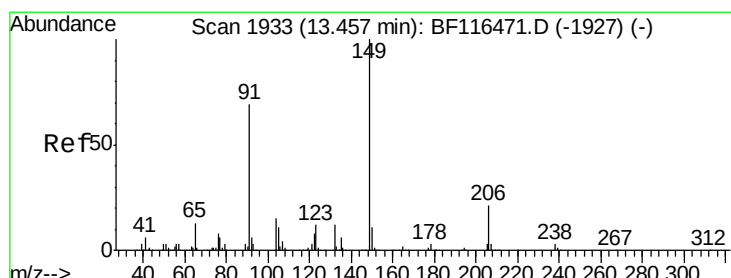
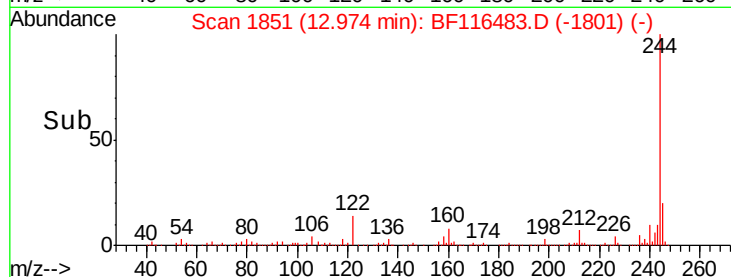
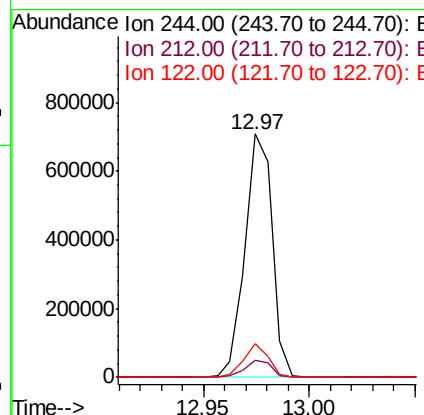
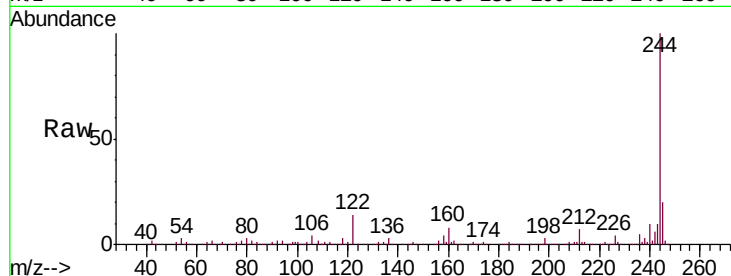
#79
 Terphenyl-d14
 Concen: 65.148 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	630692		
212	6.8	5.7	8.5	
122	13.6	10.2	15.4	

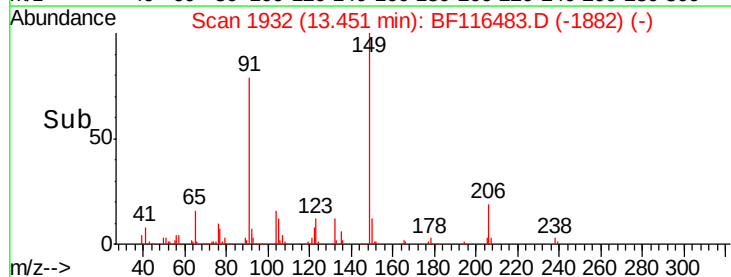
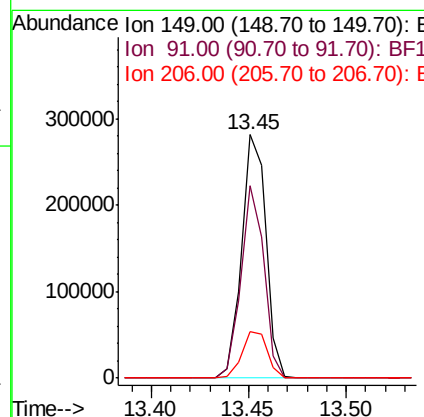
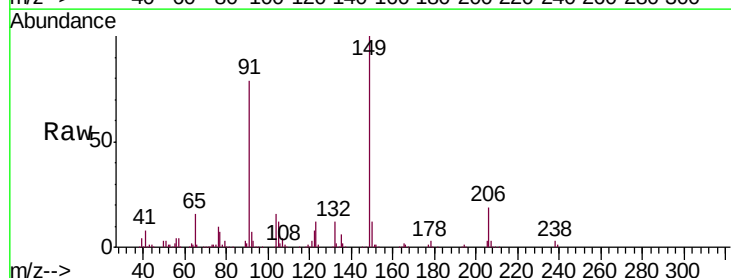
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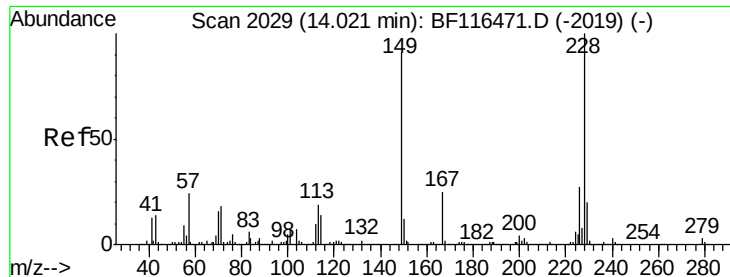
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#80
 Butylbenzylphthalate
 Concen: 38.873 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	242773		
91	79.0	54.9	82.3	
206	19.2	16.6	24.8	





#81

Benzo(a)anthracene

Concen: 39.203 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

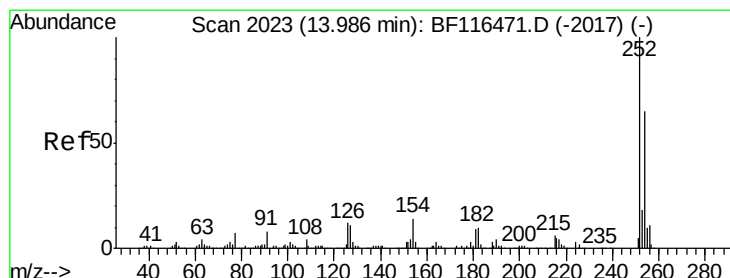
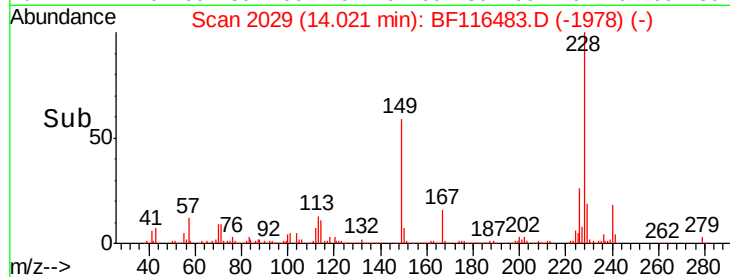
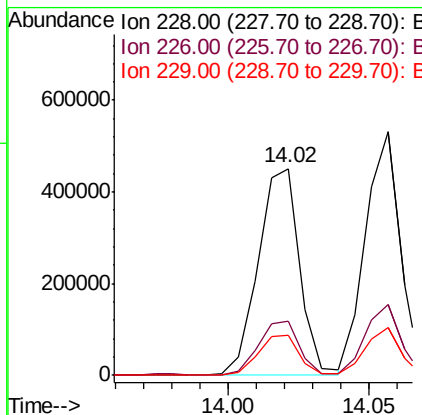
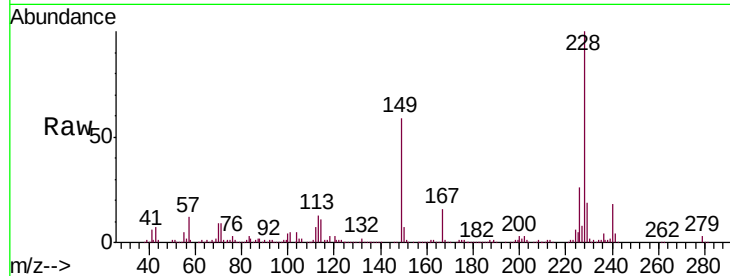
ClientSampleId :

PB122424BS

Tot Ion:	228	Resp:	459140
Ion Ratio		Lower	Upper
228	100		
226	26.3	21.8	32.6
229	19.1	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 31.470 ng

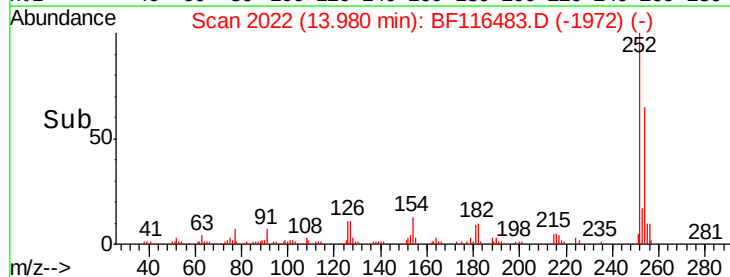
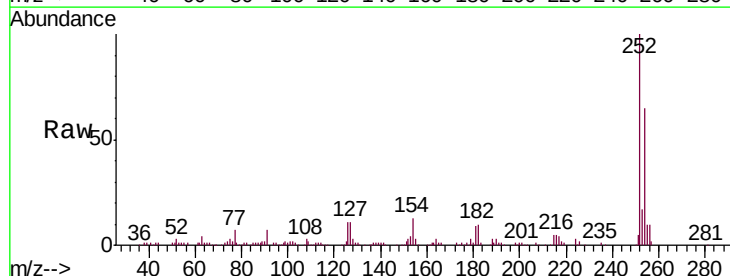
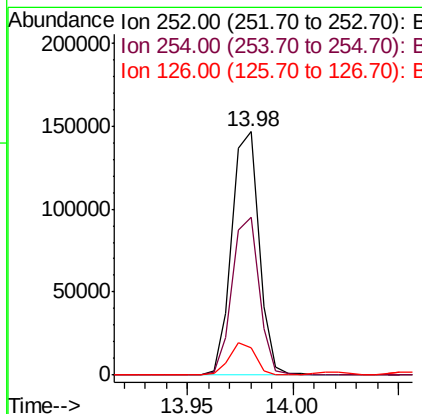
RT: 13.98 min Scan# 2022

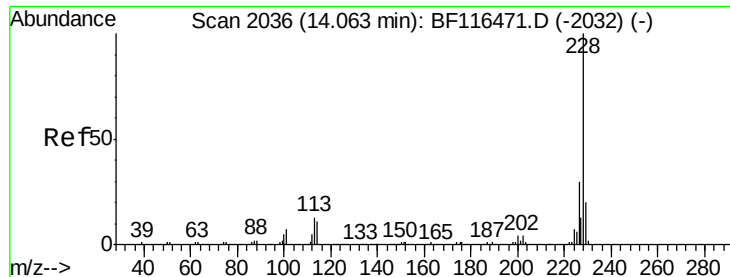
Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:	252	Resp:	131343
Ion Ratio		Lower	Upper
252	100		
254	64.7	51.9	77.9
126	11.1	9.4	14.0





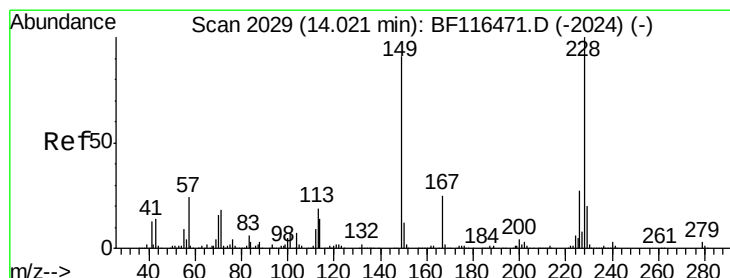
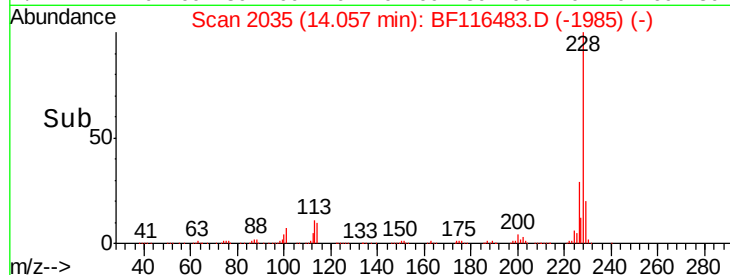
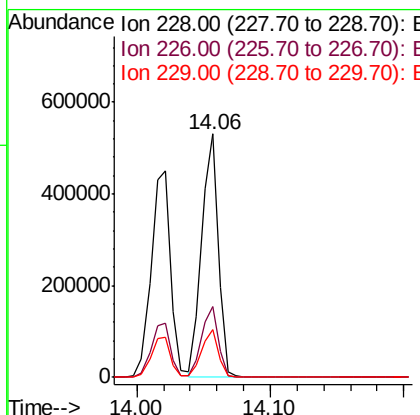
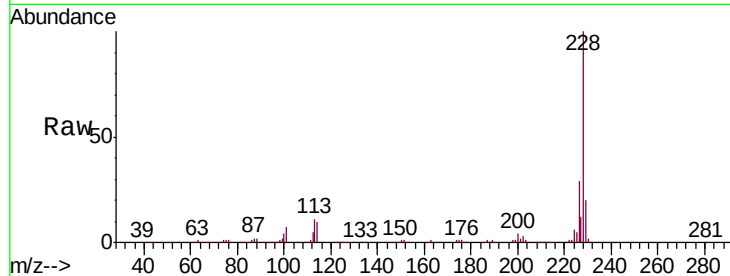
#83
 Chrysene
 Concen: 38.439 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.2
229	19.6	15.8	23.6

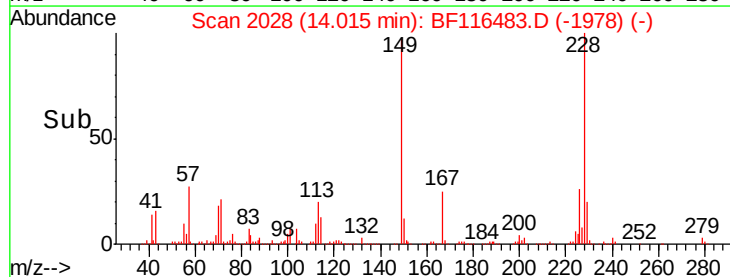
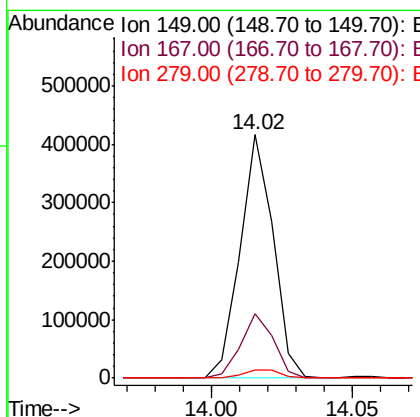
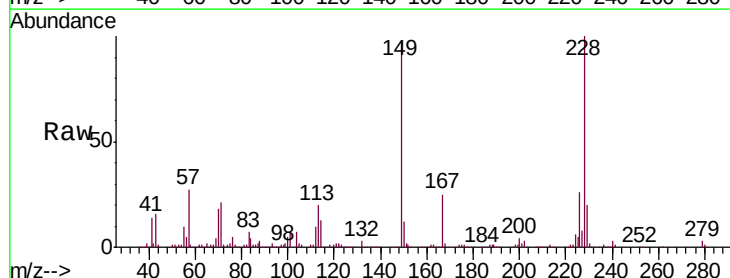
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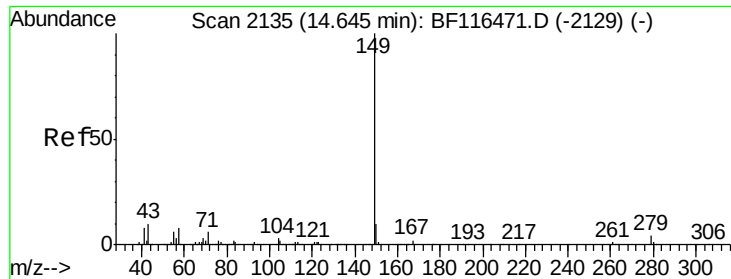
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.684 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.6
279	3.4	3.0	4.4





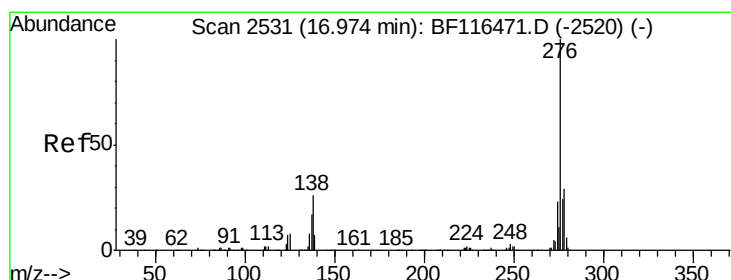
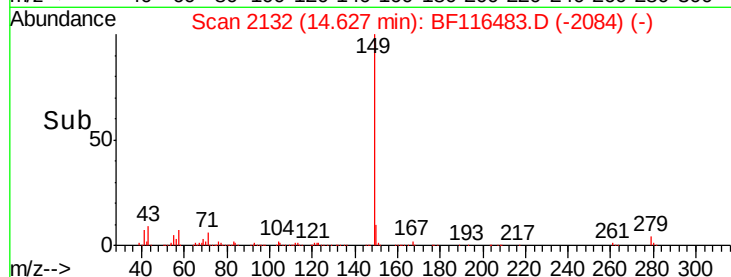
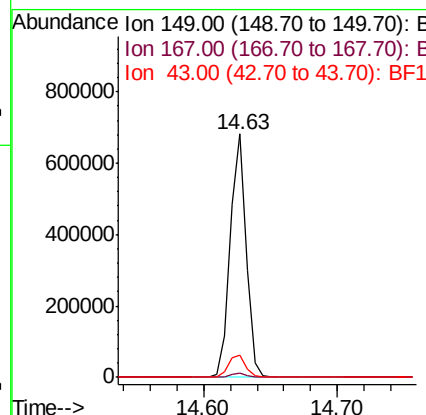
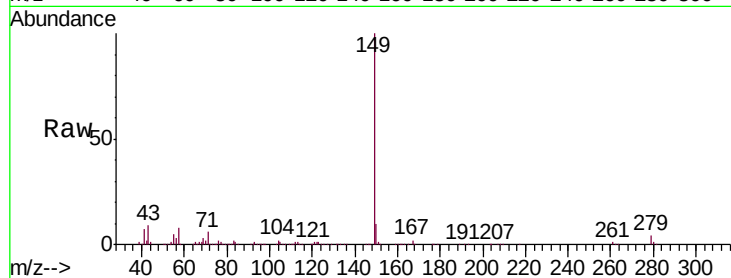
#85
Di-n-octyl phthalate
Concen: 41.116 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion:	149	Resp:	581312
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.4	7.8	11.8

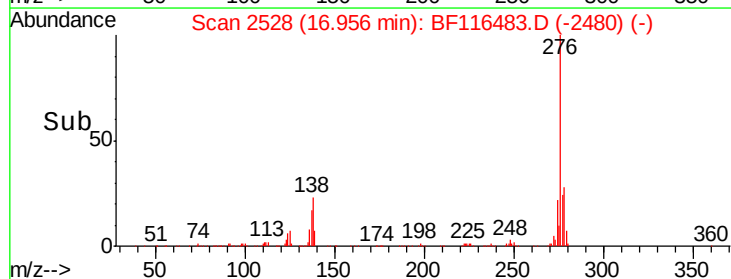
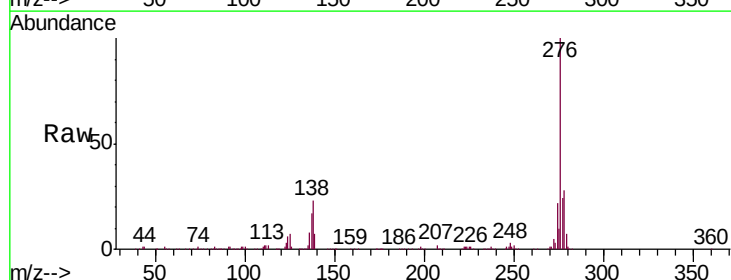
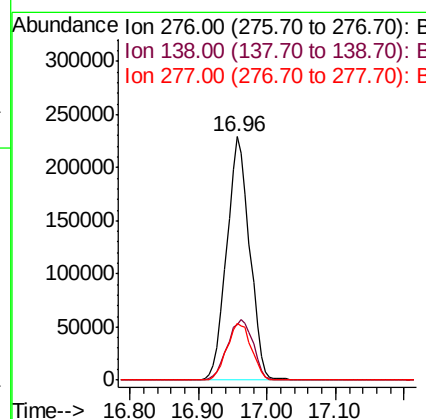
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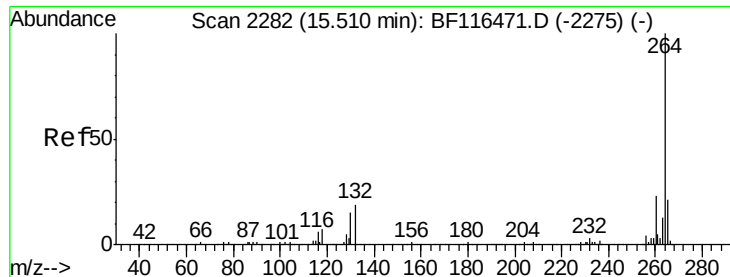
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.244 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:	276	Resp:	531240
Ion Ratio	Lower	Upper	
276	100		
138	27.8	22.9	34.3
277	25.1	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

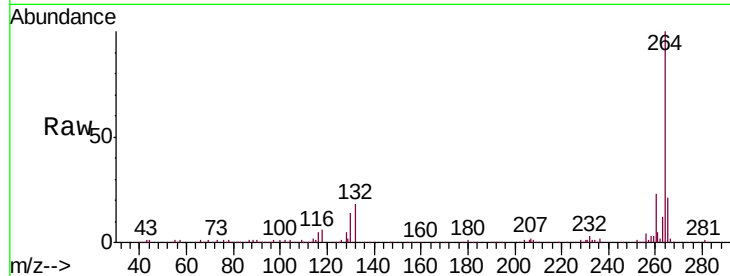
ClientSampleId :

PB122424BS

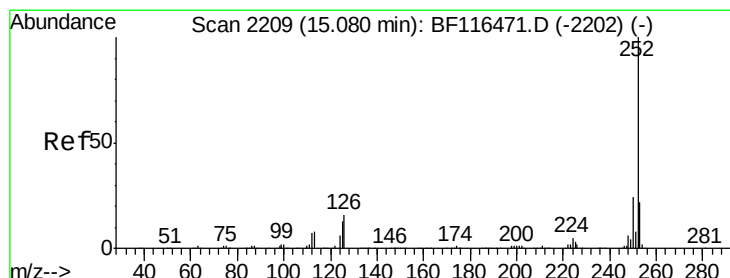
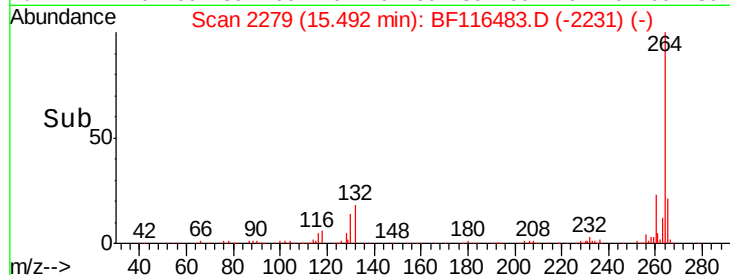
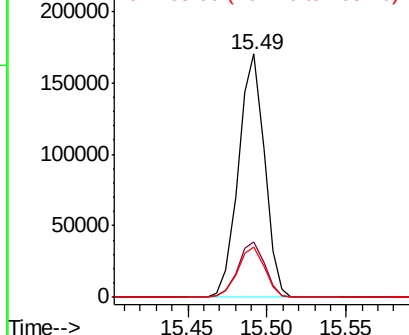
Tot Ion:	264	Resp:	194119
Ion Ratio		Lower	Upper
264	100		
260	22.9	18.8	28.2
265	20.8	17.1	25.7

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



#88

Benzo(b)fluoranthene

Concen: 37.529 ng

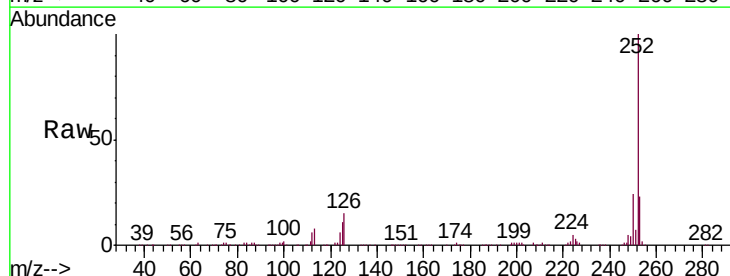
RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

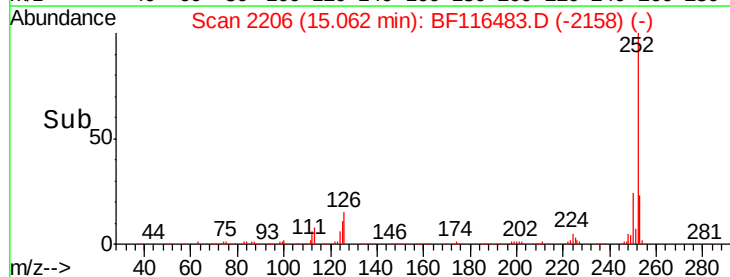
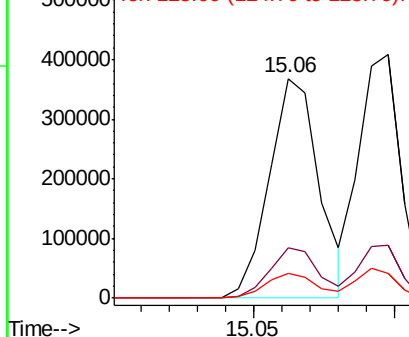
Lab File: BF116483.D

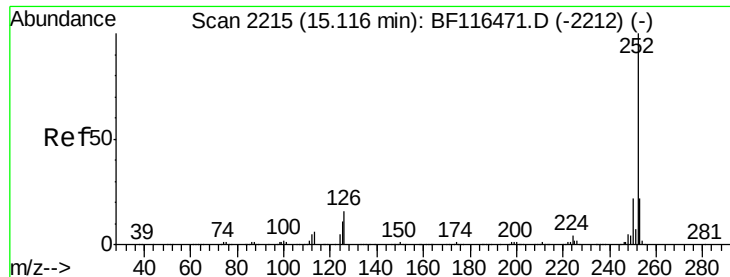
Acq: 23 Aug 2019 18:01

Tgt Ion:	252	Resp:	450034
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.2	10.1	15.1



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





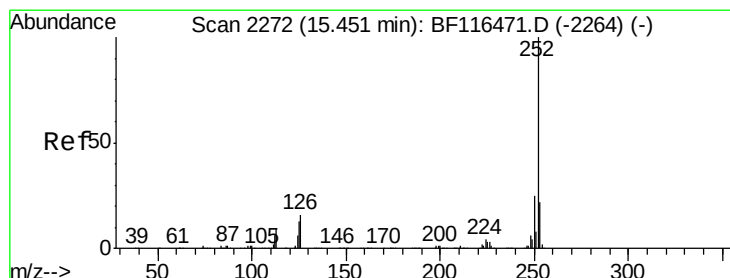
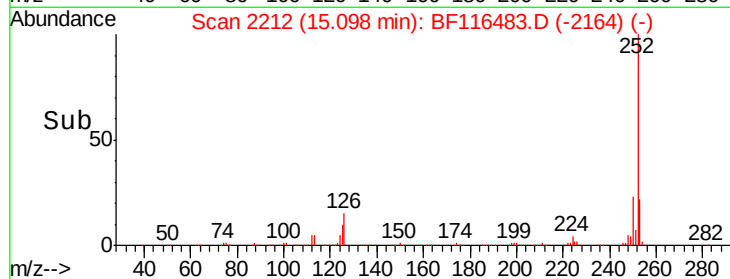
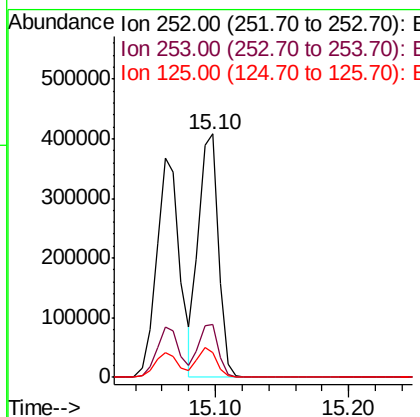
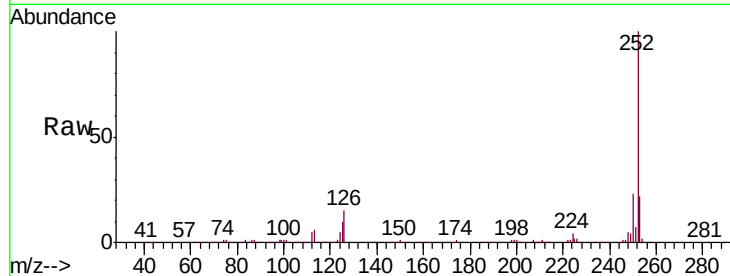
#89
Benzo(k)fluoranthene
Concen: 38.656 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampled :
PB122424BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.0	9.1	13.7

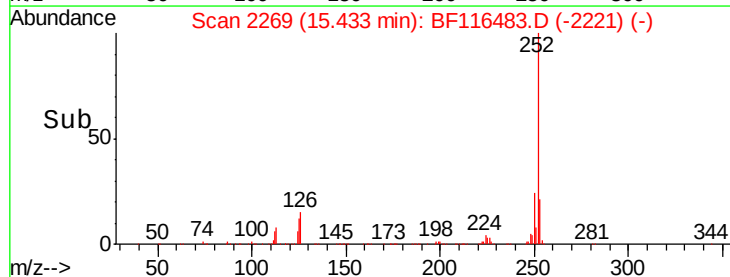
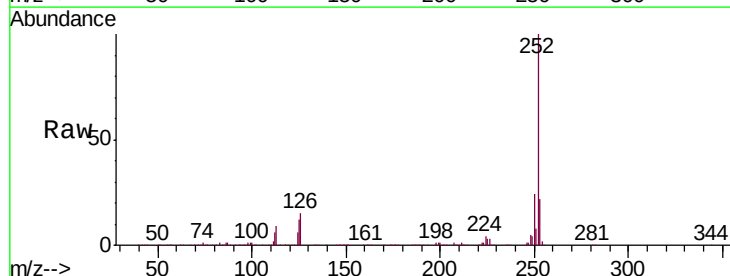
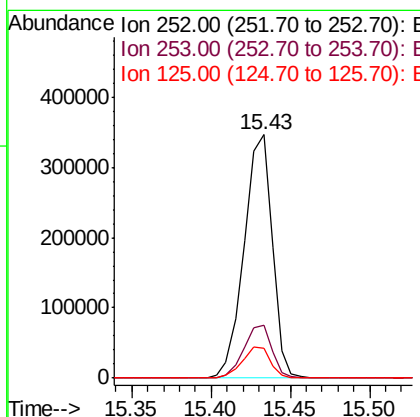
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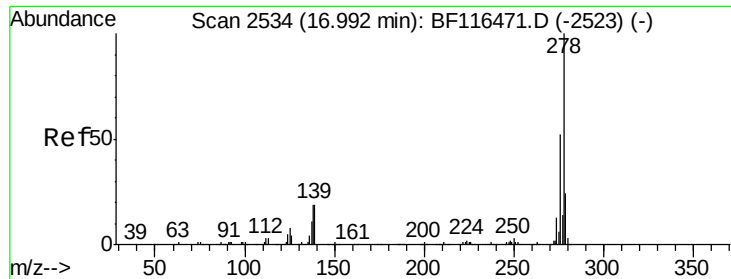
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#90
Benzo(a)pyrene
Concen: 40.438 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.1	10.2	15.4





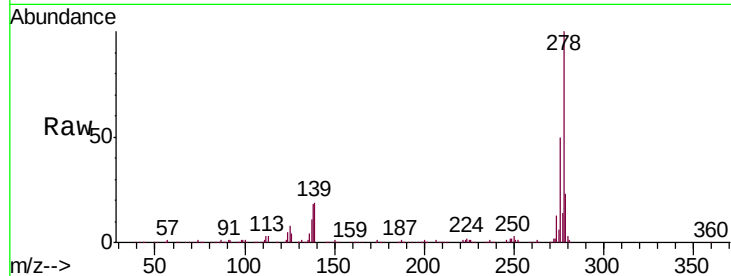
#91
Dibenzo(a,h)anthracene
Concen: 50.775 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.3	22.9
279	23.3	19.0	28.6

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Jagrut
8/28/2019 8:09:42 AM

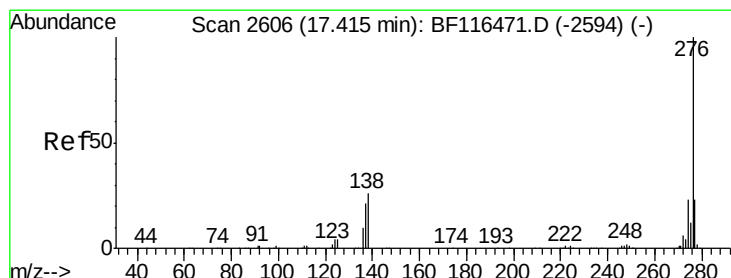
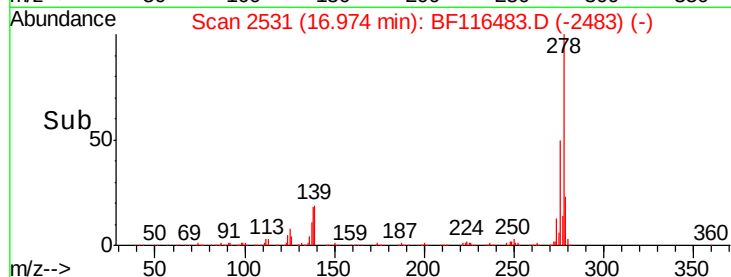
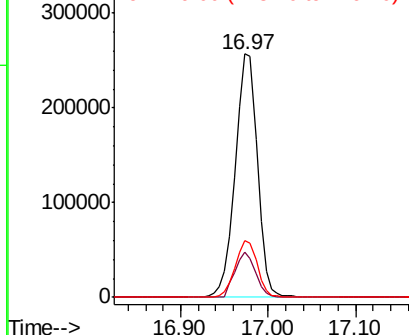


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.650 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	25.3	20.8	31.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

