

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115855.D
 Acq On : 31 Jul 2019 9:43
 Operator : HP/JU
 Sample : PB121703BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:06:15 PM

Quant Time: Jul 31 18:35:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144016	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	576612	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	312086	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	547338	20.00	ng	0.00
76) Chrysene-d12	14.03	240	434976	20.00	ng	0.00
87) Perylene-d12	15.50	264	480203	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1023686	118.99	ng	0.02
7) Phenol-d6	6.49	99	1311494	120.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	857528	85.84	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	371330	122.72	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1489099	89.37	ng	0.00
79) Terphenyl-d14	12.97	244	1661523	80.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	188205	43.305	ng	99
3) Pyridine	3.46	79	482643	39.755	ng	99
4) n-Nitrosodimethylamine	3.40	42	215127	44.902	ng	98
6) Aniline	6.52	93	524570	33.747	ng	100
8) 2-Chlorophenol	6.65	128	447070	46.996	ng	96
9) Benzaldehyde	6.40	77	251219	33.545	ng	99
10) Phenol	6.50	94	581284	45.478	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	423379	45.054	ng	99
12) 1,3-Dichlorobenzene	6.80	146	481382	43.786	ng	99
13) 1,4-Dichlorobenzene	6.87	146	490895	44.594	ng	100
14) 1,2-Dichlorobenzene	7.03	146	451264	44.521	ng	100
15) Benzyl Alcohol	7.00	79	388529	47.169	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	566948	44.232	ng	99
17) 2-Methylphenol	7.11	107	372254	46.214	ng	100
18) Hexachloroethane	7.36	117	178555	44.056	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	305441	45.412	ng	100
20) 3+4-Methylphenols	7.26	107	448069	47.006	ng	88
22) Acetophenone	7.26	105	601689	47.580	ng	97
24) Nitrobenzene	7.43	77	501743	46.518	ng	98
25) Isophorone	7.67	82	894920	46.852	ng	100
26) 2-Nitrophenol	7.75	139	242970	47.788	ng	100
27) 2,4-Dimethylphenol	7.79	122	401989	52.552	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	537378	45.390	ng	100
29) 2,4-Dichlorophenol	7.99	162	388843	48.144	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	415401	45.120	ng	98
31) Naphthalene	8.16	128	1288741	47.495	ng	100
32) Benzoic acid	7.93	122	278324	51.608	ng	100
33) 4-Chloroaniline	8.20	127	313584	25.865	ng	99
34) Hexachlorobutadiene	8.27	225	233166	43.969	ng	99
35) Caprolactam	8.58	113	120389m	46.087	ng	
36) 4-Chloro-3-methylphenol	8.69	107	411461	48.970	ng	98
37) 2-Methylnaphthalene	8.85	142	875022	48.965	ng	99
38) 1-Methylnaphthalene	8.95	142	808897	47.847	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	385176	46.166	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	348251	92.017	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	256956	44.744	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	280434	47.240	nq	97
46) 1,1'-Biphenyl	9.32	154	1042804	47.329	nq	100
47) 2-Chloronaphthalene	9.35	162	820921	44.766	nq	100
48) 2-Nitroaniline	9.44	65	263951	43.546	nq	97
49) Acenaphthylene	9.76	152	1273208	47.590	nq	99
50) Dimethylphthalate	9.62	163	943335	44.393	nq	100
51) 2,6-Dinitrotoluene	9.68	165	214292	46.405	nq	95
52) Acenaphthene	9.93	154	764470	46.577	nq	100
53) 3-Nitroaniline	9.85	138	159098	27.883	nq	90
54) 2,4-Dinitrophenol	9.96	184	207026	87.348	nq	96
55) Dibenzofuran	10.10	168	1111943	46.586	nq	97
56) 4-Nitrophenol	10.02	139	383483	104.913	nq	99
57) 2,4-Dinitrotoluene	10.09	165	290995	47.329	nq	88
58) Fluorene	10.45	166	863928	47.045	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	236928	47.439	nq	99
60) Diethylphthalate	10.32	149	899180	45.323	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	421982	45.372	nq	97
62) 4-Nitroaniline	10.47	138	250221	42.433	nq	100
63) Azobenzene	10.60	77	945202	46.320	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	147270	50.774	nq	93
66) n-Nitrosodiphenylamine	10.56	169	772496	46.891	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	261861	44.692	nq	93
68) Hexachlorobenzene	11.00	284	295512	43.616	nq	97
69) Atrazine	11.08	200	243918	45.006	nq	99
70) Pentachlorophenol	11.19	266	325296	98.893	nq	98
71) Phenanthrene	11.41	178	1298580	46.409	nq	100
72) Anthracene	11.46	178	1336602	47.200	nq	99
73) Carbazole	11.62	167	1204574	46.886	nq	99
74) Di-n-butylphthalate	11.94	149	1365775	45.571	nq	100
75) Fluoranthene	12.60	202	1373938	46.903	nq	99
77) Benzidine	12.72	184	817368	55.621	nq	98
78) Pyrene	12.83	202	1417636	43.235	nq	99
80) Butylbenzylphthalate	13.44	149	607220	43.780	nq	99
81) Benzo(a)anthracene	14.02	228	1249476	44.942	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	310963	32.194	nq	99
83) Chrysene	14.06	228	1242892	46.048	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	798787	44.318	nq	98
85) Di-n-octyl phthalate	14.62	149	1359657	47.493	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1192284	52.593	nq	99
88) Benzo(b)fluoranthene	15.07	252	1210740	43.605	nq	97
89) Benzo(k)fluoranthene	15.10	252	1214304	44.901	nq	100
90) Benzo(a)pyrene	15.44	252	1165163	46.943	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	999532	46.523	nq	99
92) Benzo(g,h,i)perylene	17.43	276	968334	45.892	nq	100

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

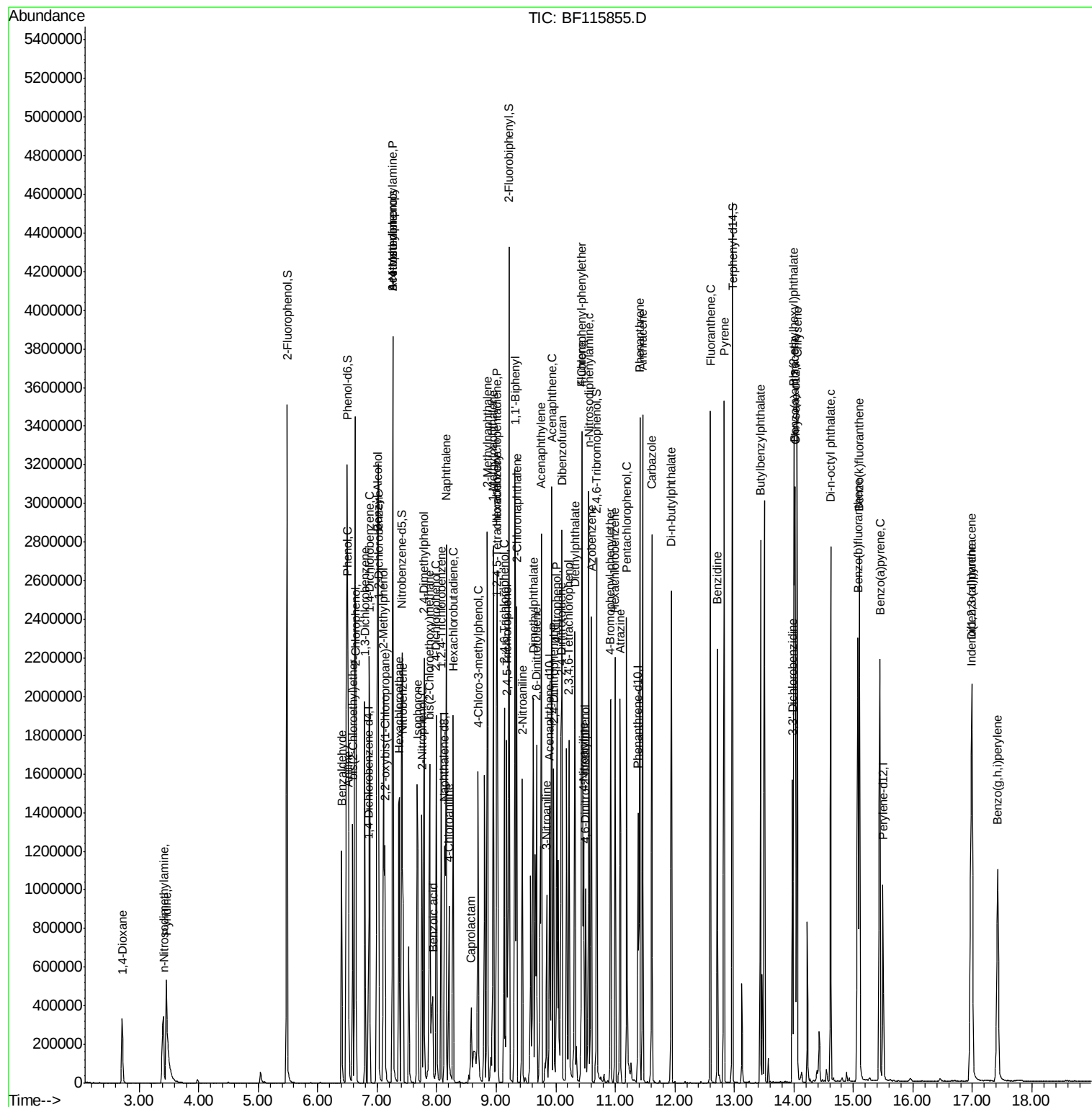
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

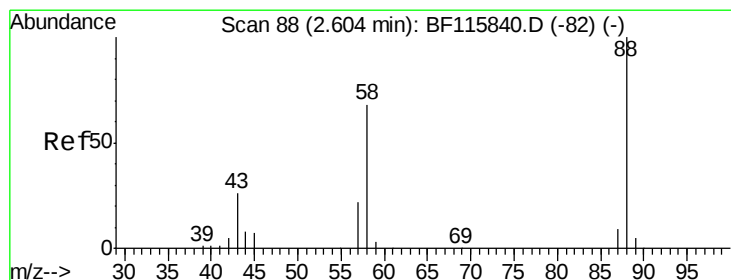
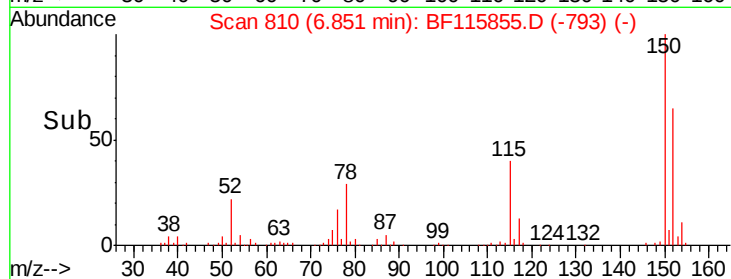
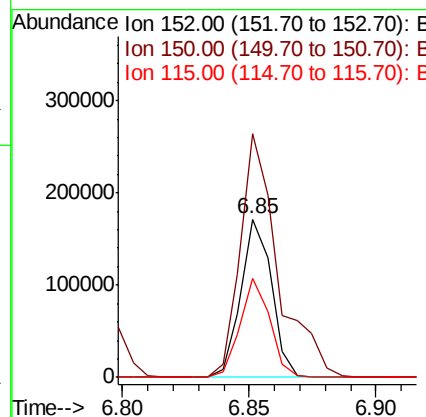
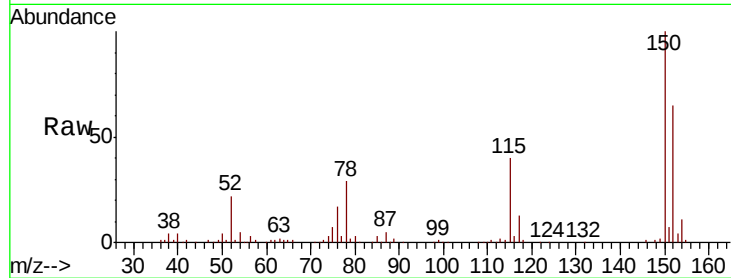
ClientSampleId :

PB121703BS

Tot Ion:	152	Resp:	144016
Ion Ratio	Lower	Upper	
152	100		
150	154.1	127.4	191.0
115	62.3	51.8	77.8

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#2

1,4-Dioxane

Concen: 43.305 ng

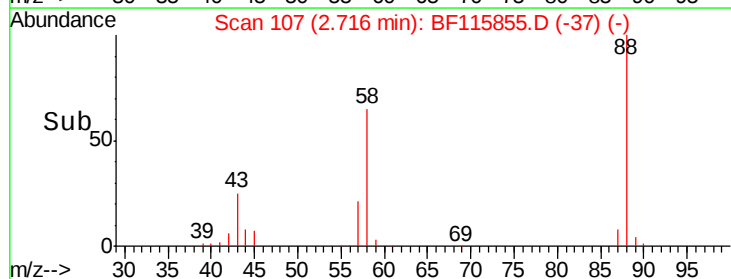
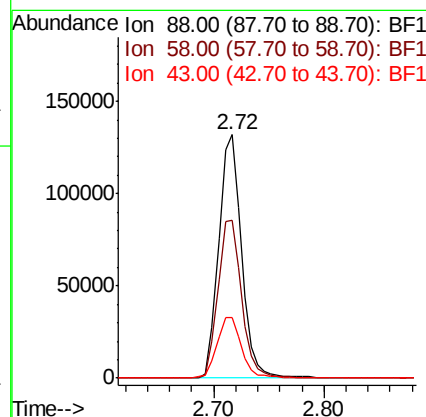
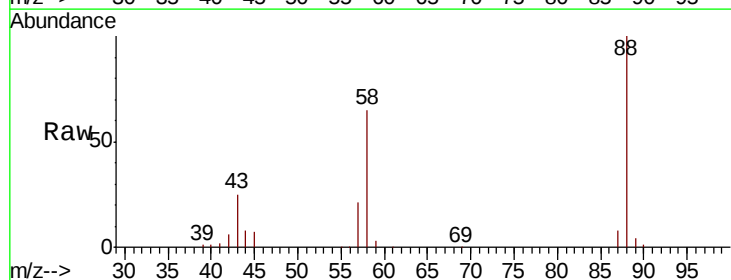
RT: 2.72 min Scan# 107

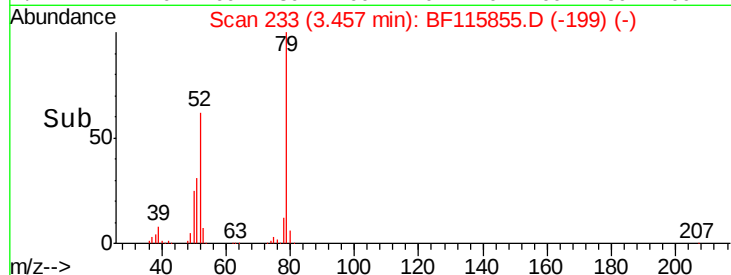
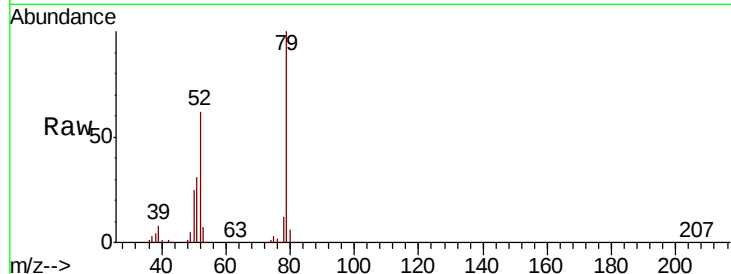
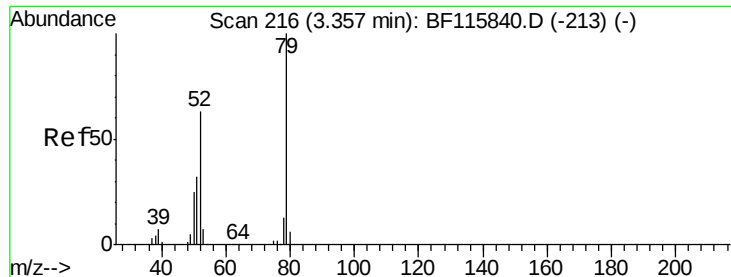
Delta R.T. 0.11 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion:	88	Resp:	188205
Ion Ratio	Lower	Upper	
88	100		
58	67.4	54.1	81.1
43	27.4	20.7	31.1





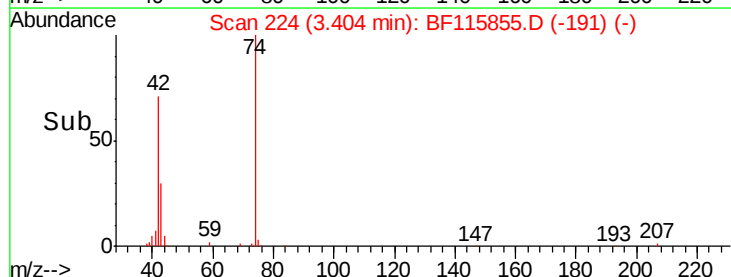
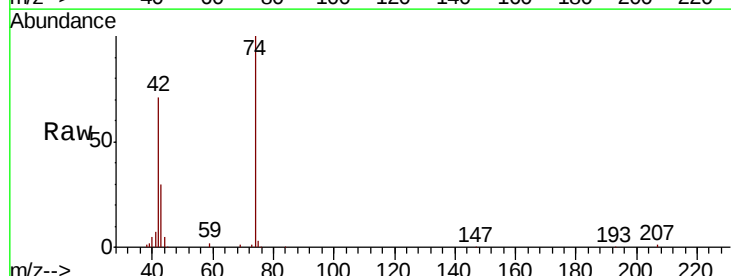
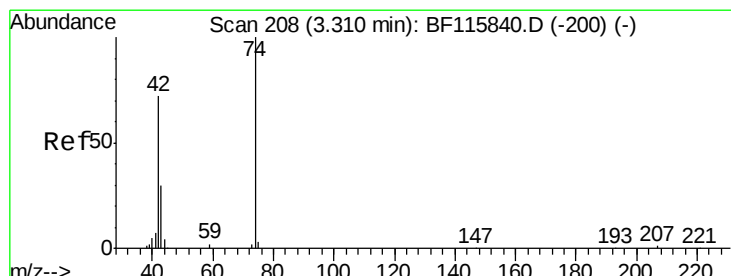
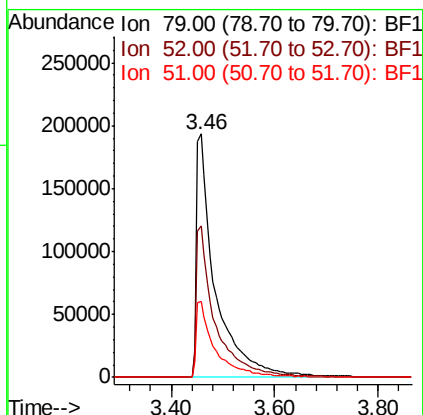
#3
 Pvridine
 Concen: 39.755 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.10 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.2	50.2	75.4
51	31.3	25.8	38.6

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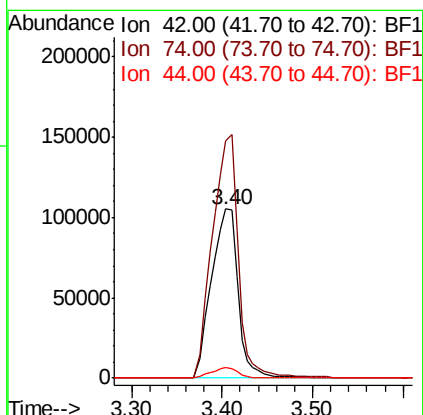
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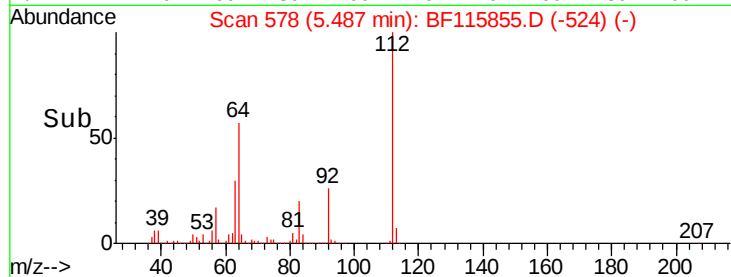
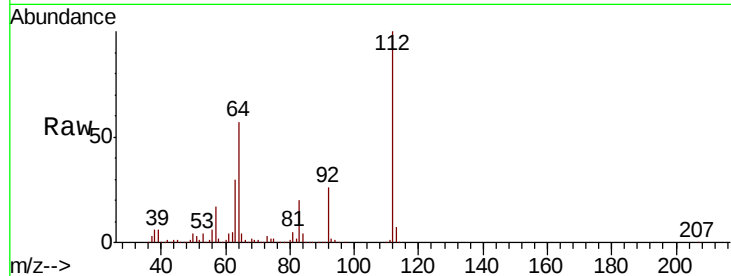
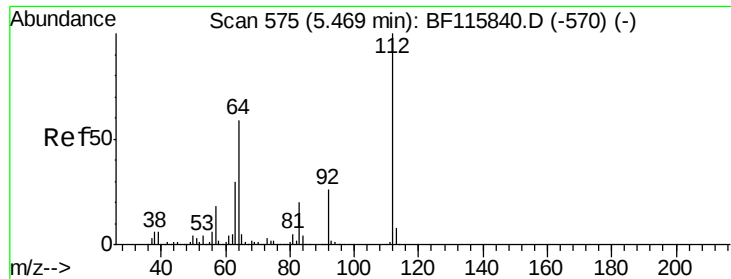
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#4
 n-Nitrosodimethylamine
 Concen: 44.902 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.09 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.6	111.0	166.4
44	6.6	4.7	7.1





#5

2-Fluorophenol

Concen: 118.995 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tot Ion:	112	Resp:	1023686
Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.8	70.2
63	29.6	24.2	36.2

Instrument :

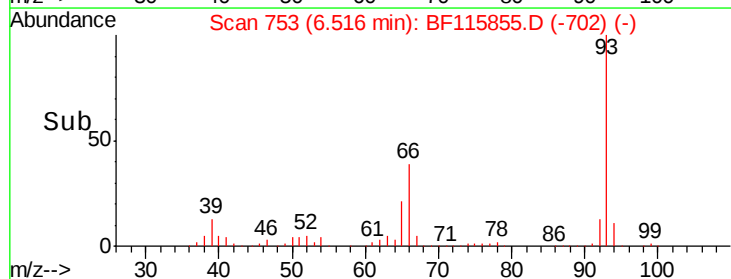
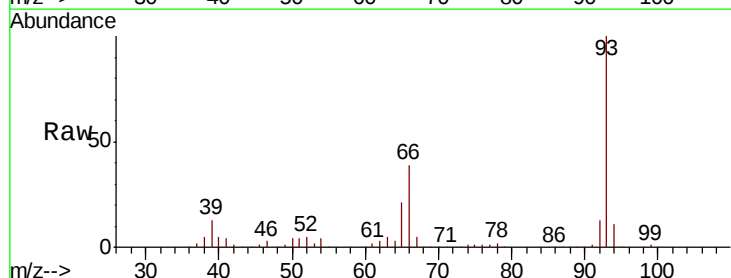
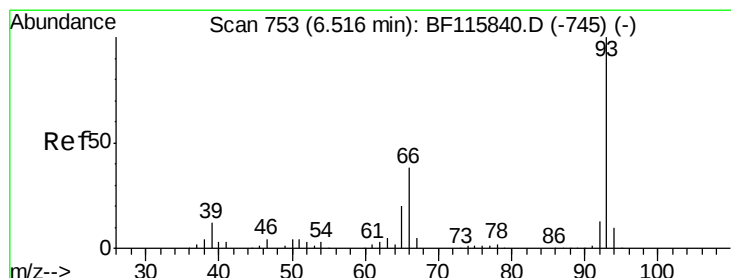
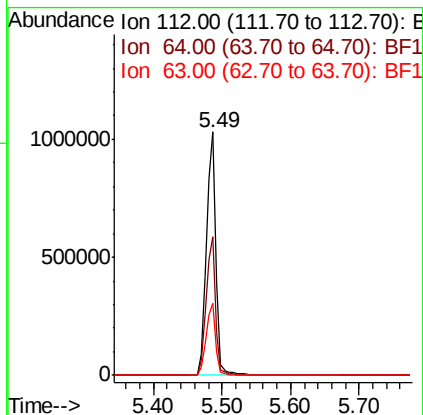
BNA_F

ClientSampled :

PB121703BS

Manual Integrations
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#6

Aniline

Concen: 33.747 ng

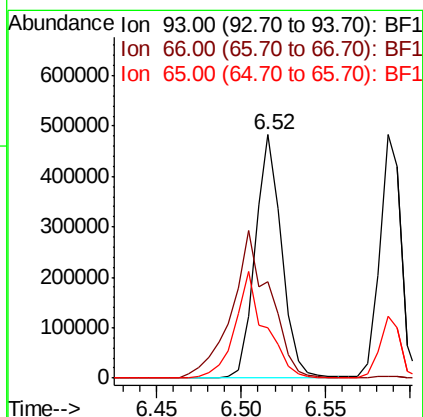
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion:	93	Resp:	524570
Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.4	47.0
65	20.7	16.5	24.7





#7

Phenol-d6

Concen: 120.831 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion: 99 Resp: 1311494

Ion Ratio Lower Upper

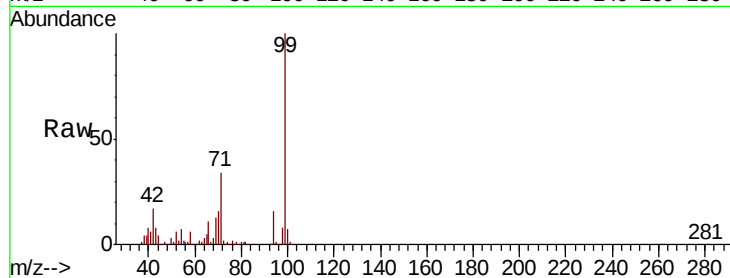
99 100

42 16.9 13.8 20.6

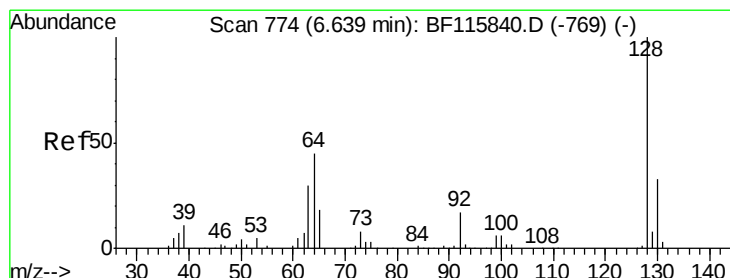
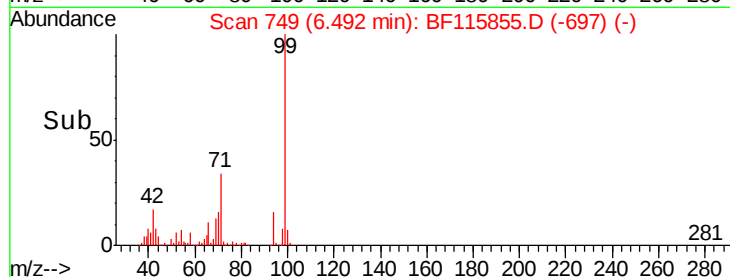
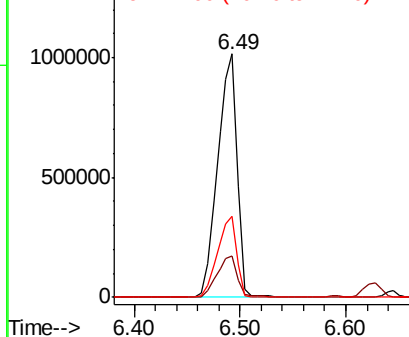
71 33.6 27.1 40.7

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.996 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115855.D

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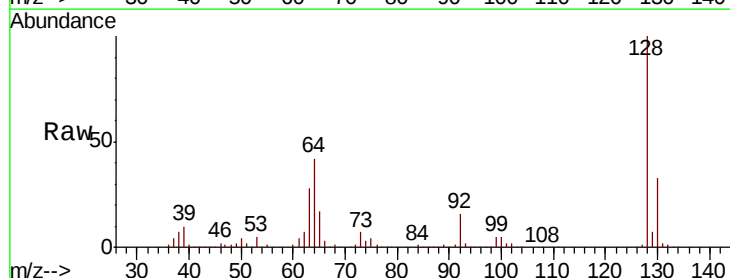
Tgt Ion: 128 Resp: 447070

Ion Ratio Lower Upper

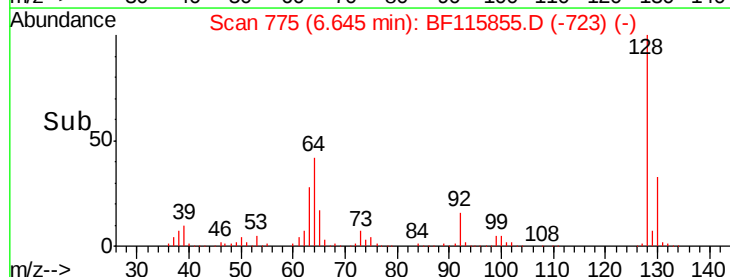
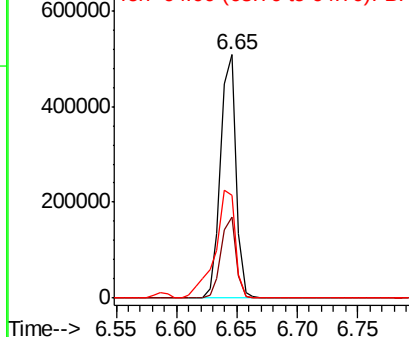
128 100

130 33.4 12.9 52.9

64 42.3 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





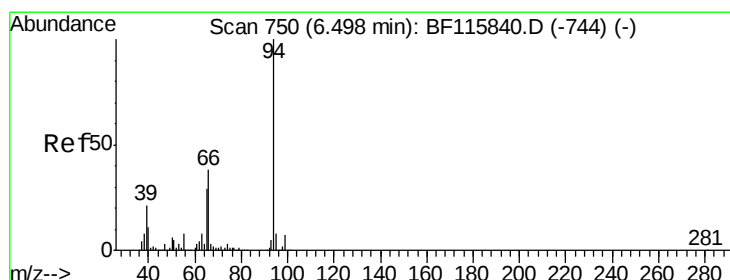
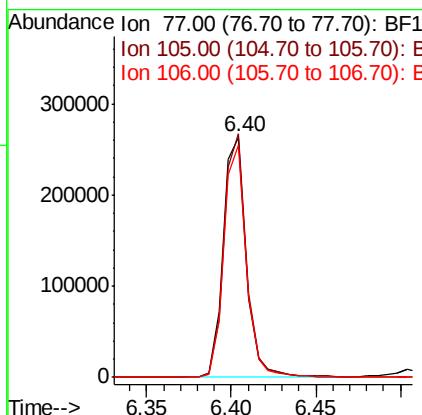
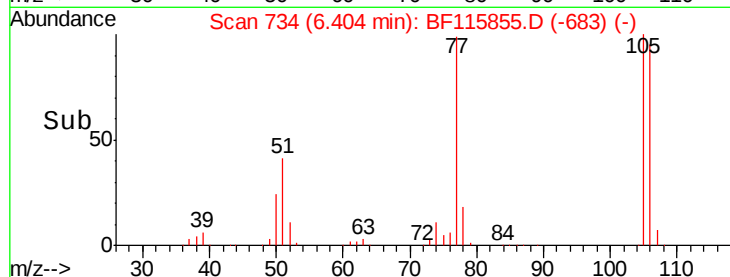
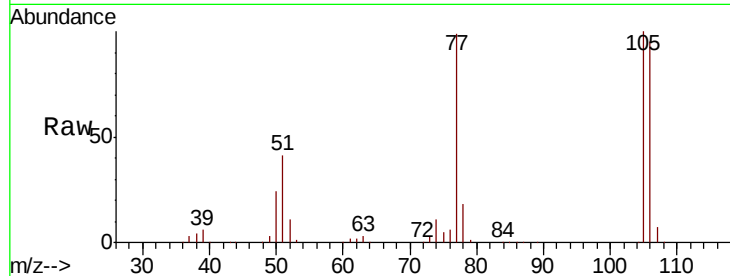
#9
Benzaldehyde
Concen: 33.545 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	79.0	119.0
106	96.6	76.2	116.2

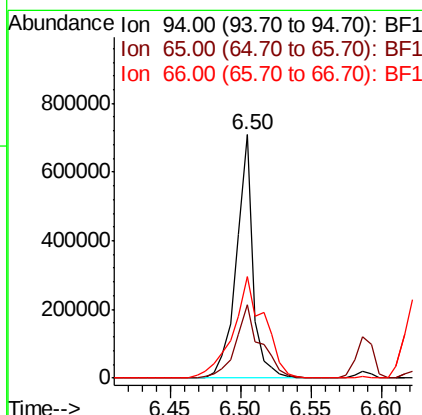
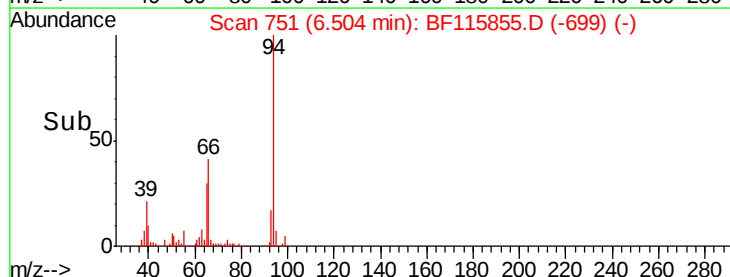
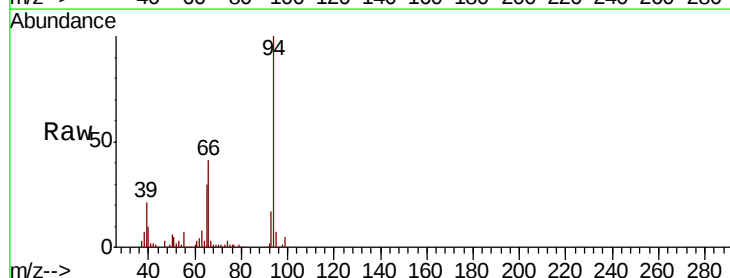
Manual Integrations
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#10
Phenol
Concen: 45.478 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.9	48.9
66	41.5	18.0	58.0





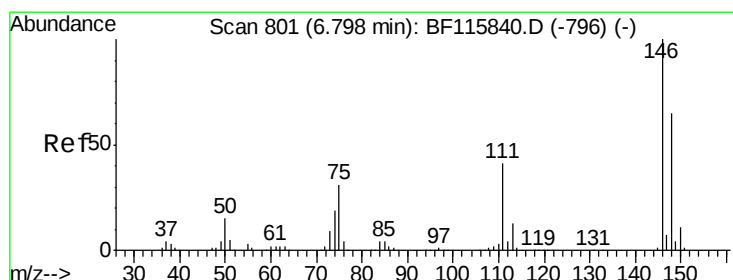
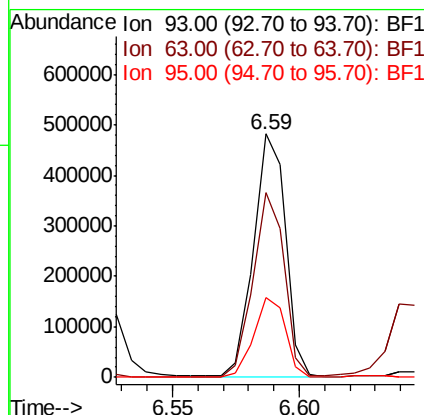
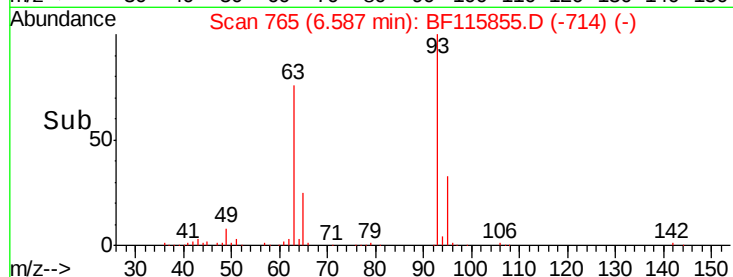
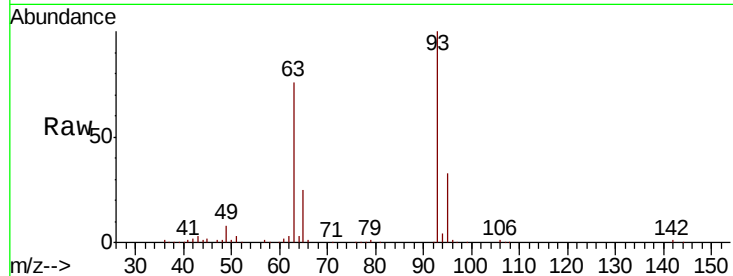
#11
bis(2-Chloroethyl)ether
Concen: 45.054 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.9	94.9
95	33.0	13.3	53.3

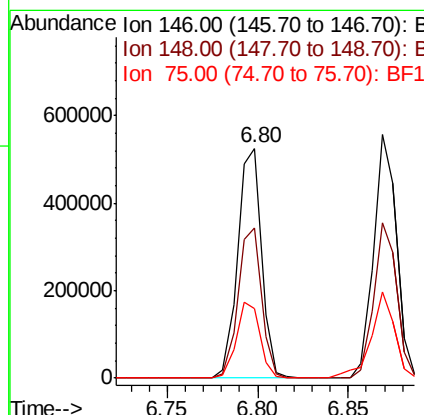
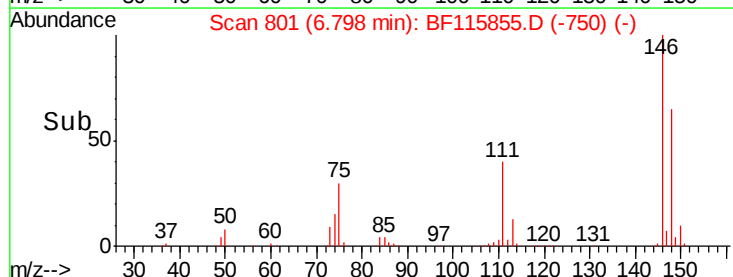
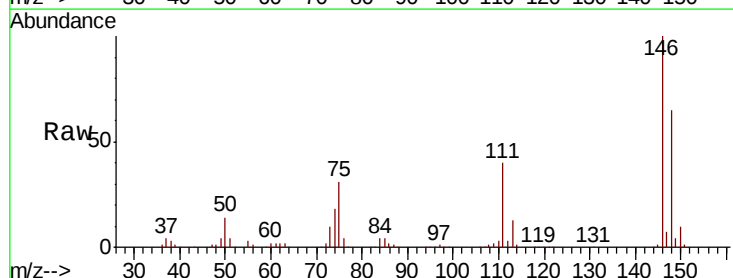
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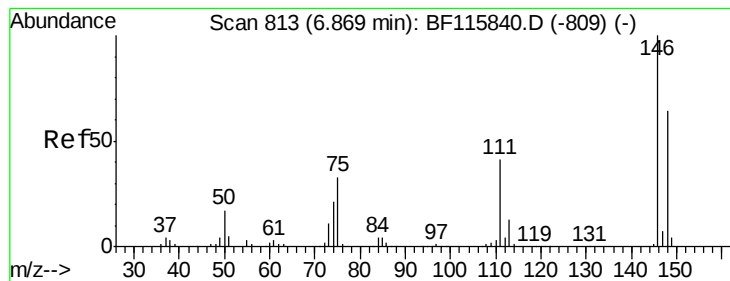
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.786 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	30.5	25.0	37.6





#13

1,4-Dichlorobenzene

Concen: 44.594 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

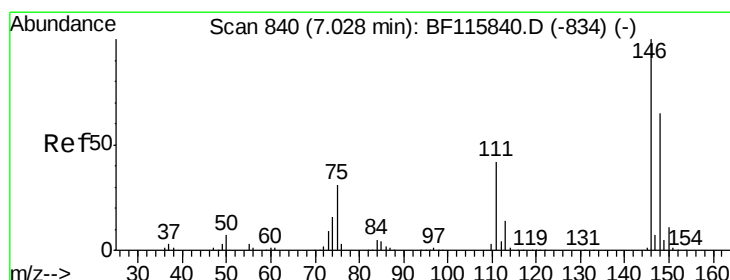
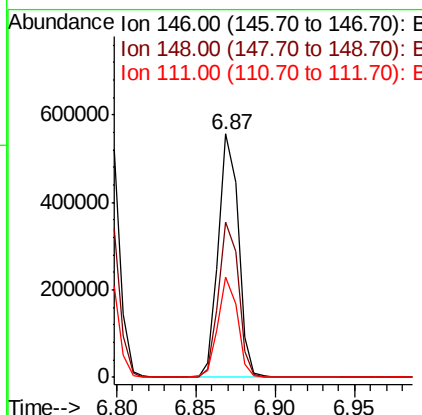
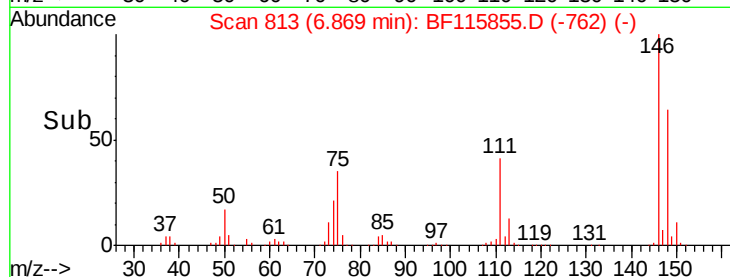
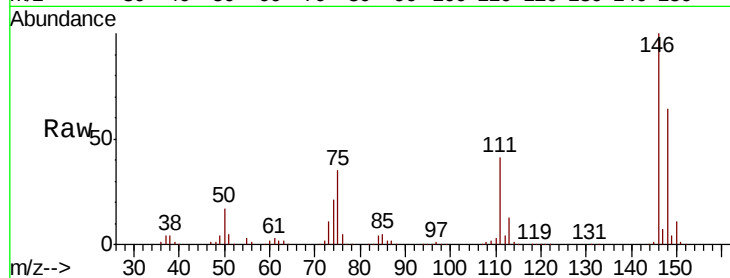
ClientSampleId :

PB121703BS

Tot Ion:	146	Resp:	490895
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.2	76.8
111	41.3	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 44.521 ng

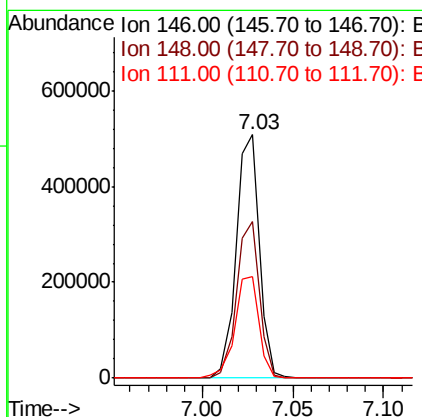
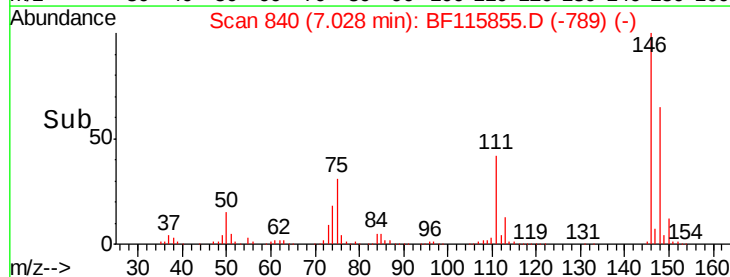
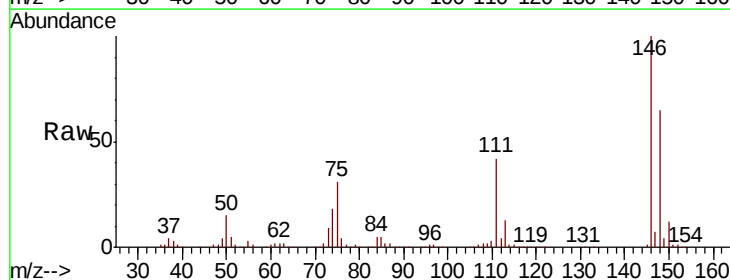
RT: 7.03 min Scan# 840

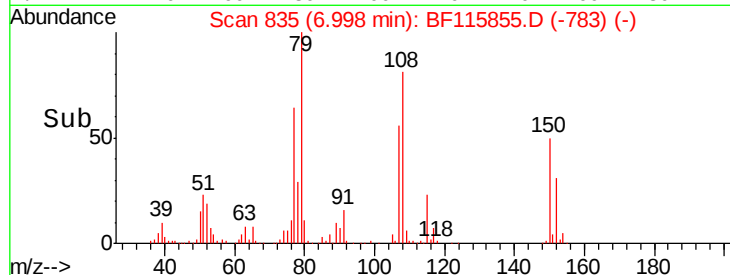
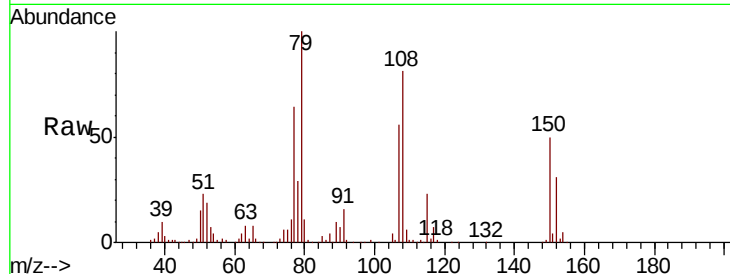
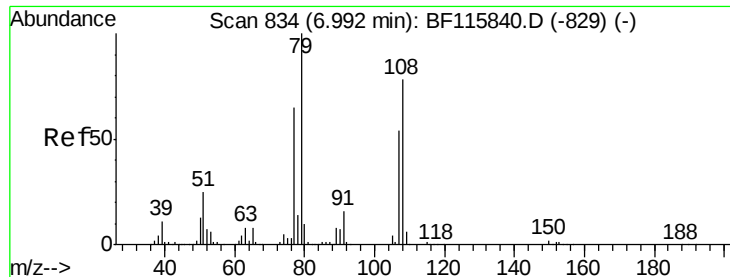
Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion:	146	Resp:	451264
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.6	77.4
111	41.7	33.6	50.4





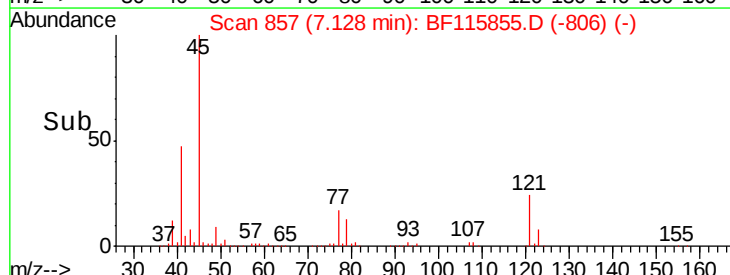
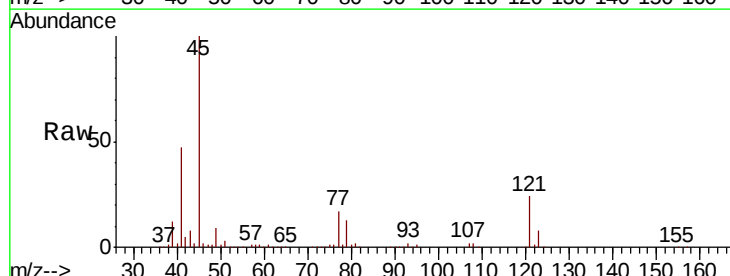
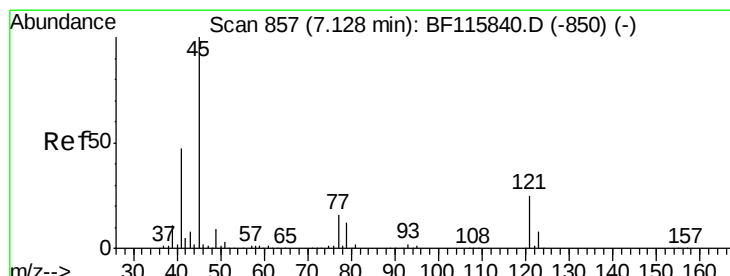
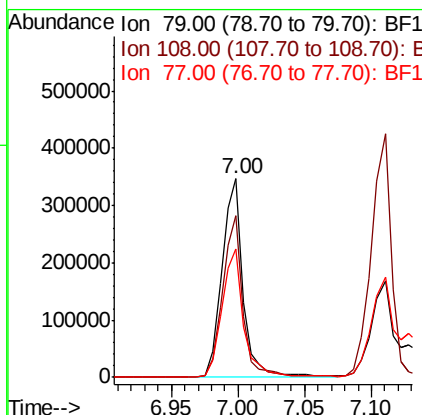
#15
Benzyl Alcohol
Concen: 47.169 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.3	62.8	94.2
77	64.5	52.0	78.0

Instrument :
BNA_F
ClientSampleID :
PB121703BS

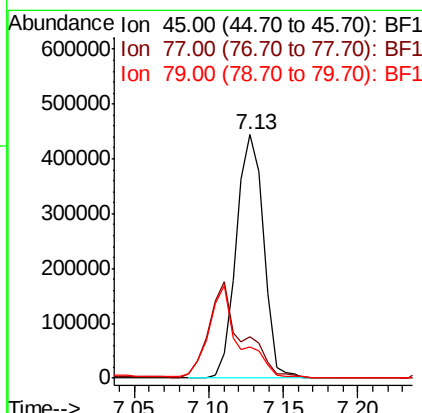
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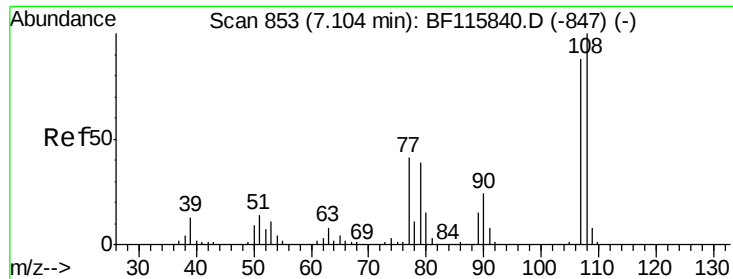
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.232 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.3
79	12.8	0.0	32.5





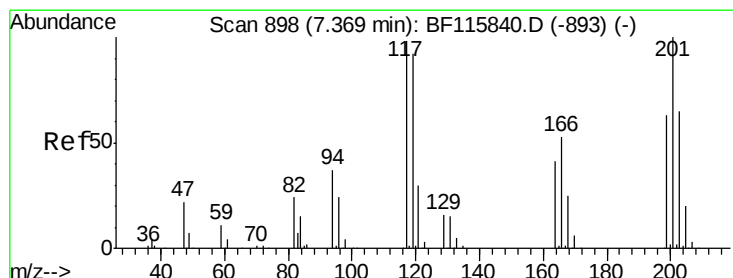
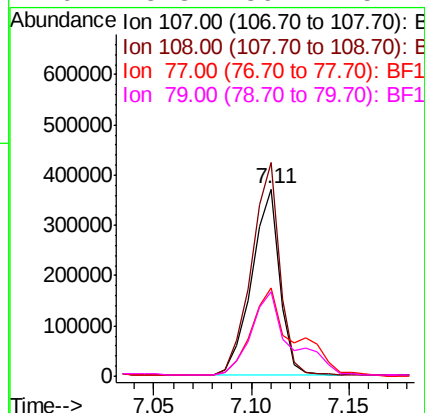
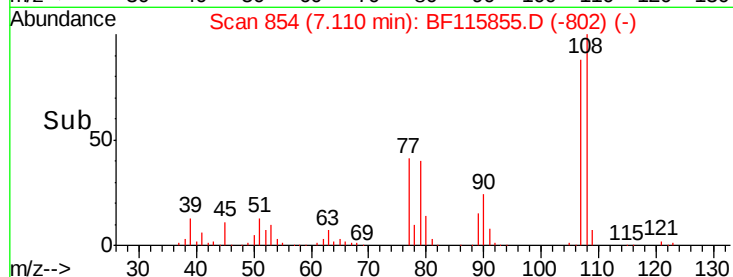
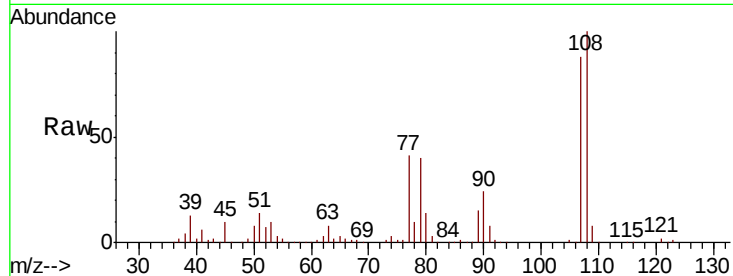
#17
2-Methylphenol
Concen: 46.214 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.4	137.0	
77	47.1	37.6	56.4	
79	45.3	36.2	54.4	

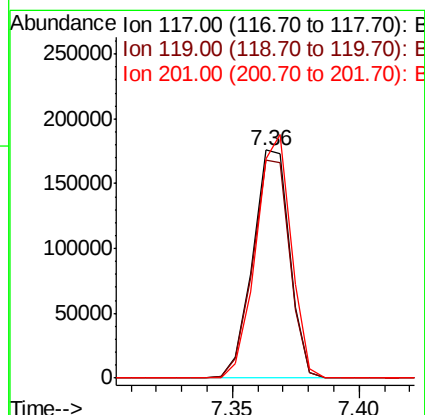
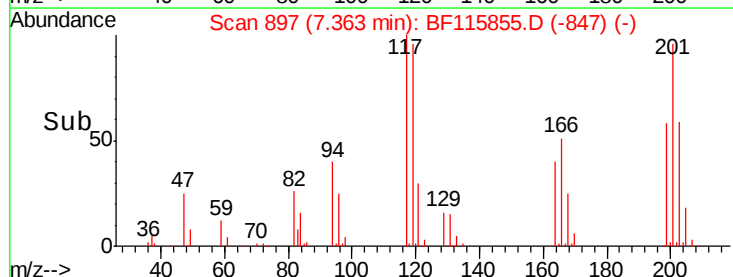
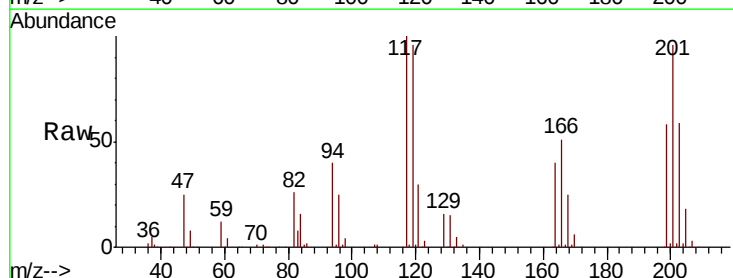
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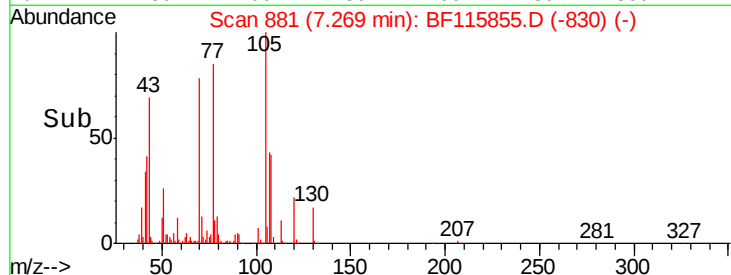
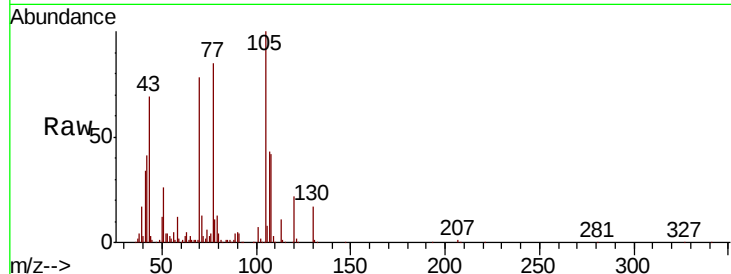
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#18
Hexachloroethane
Concen: 44.056 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.8	113.6	
201	96.2	82.0	123.0	





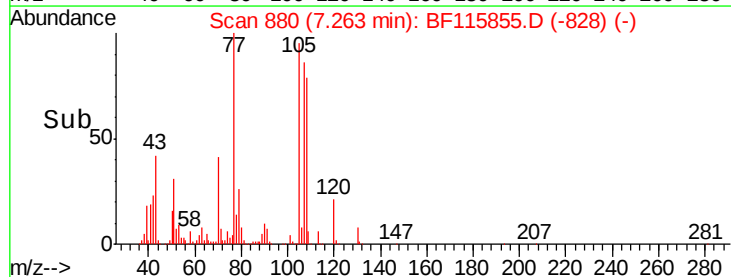
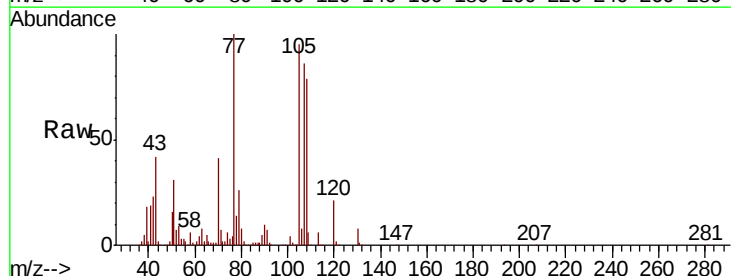
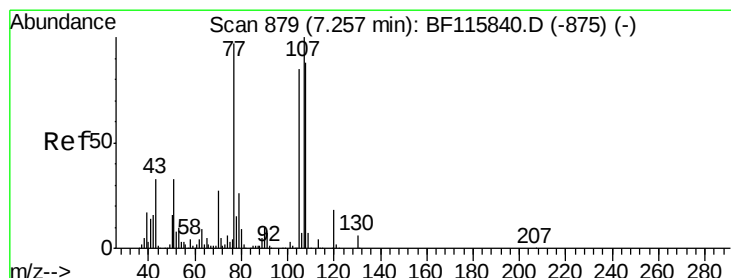
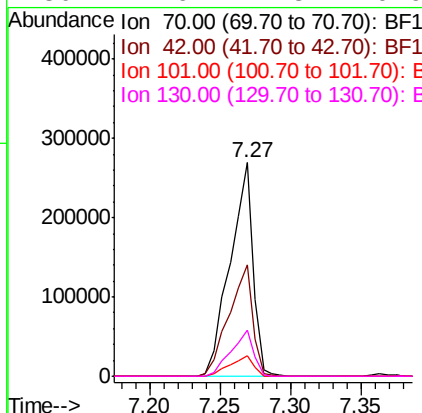
#19
n-Nitroso-di-n-propylamine
Concen: 45.412 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	41.8	62.8	
101	9.4	7.7	11.5	
130	21.6	17.8	26.6	

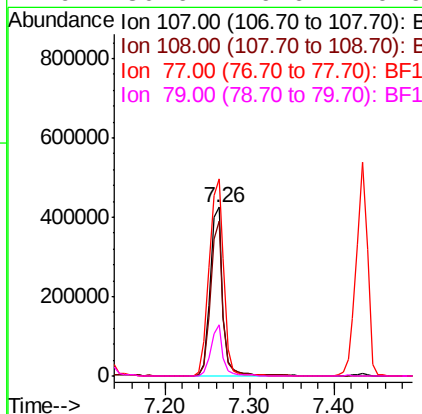
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#20
3+4-Methylphenols
Concen: 47.006 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	67.9	107.9	
77	116.6	77.3	117.3	
79	30.6	6.6	46.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

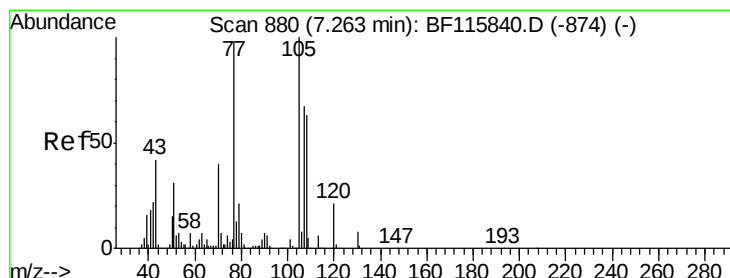
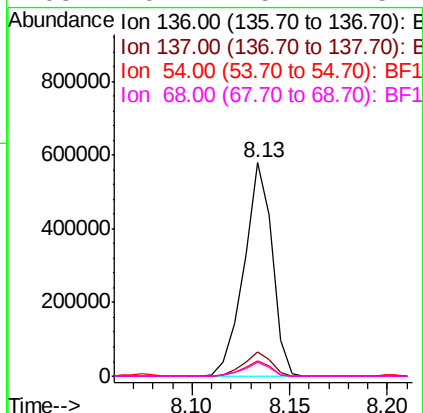
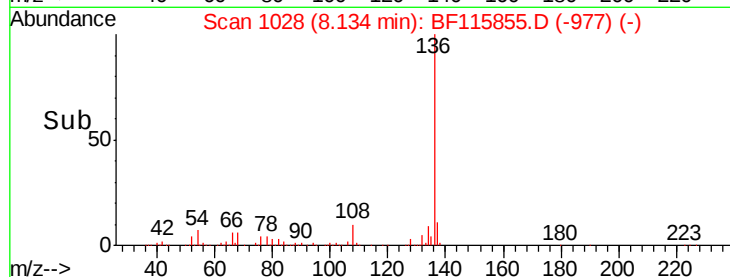
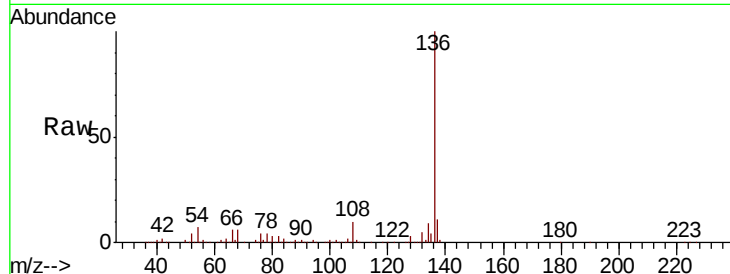
ClientSampleId :

PB121703BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.4	6.1	9.1
68	6.4	5.4	8.2

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#22

Acetophenone

Concen: 47.580 ng

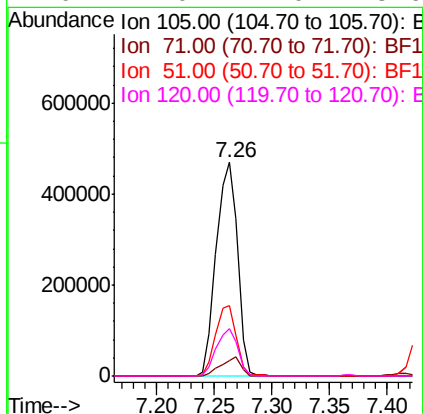
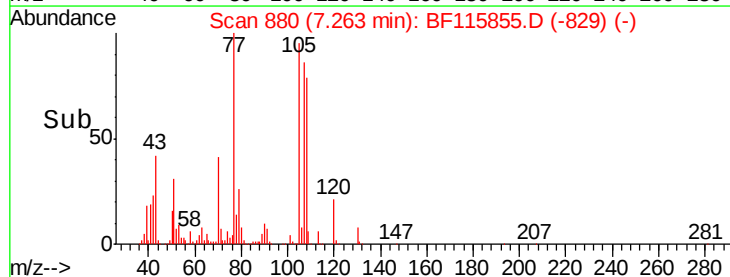
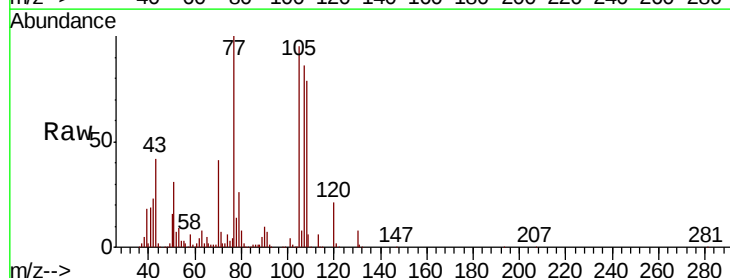
RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.2	5.4	8.0
51	32.8	24.6	36.8
120	22.0	17.0	25.6





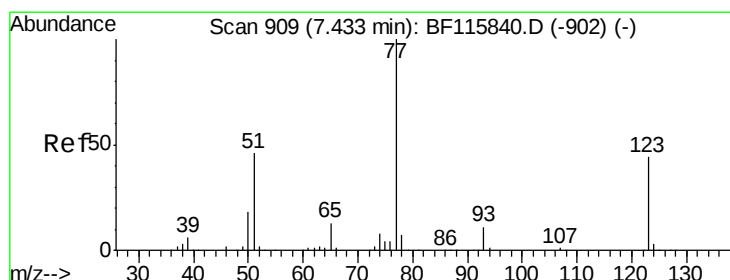
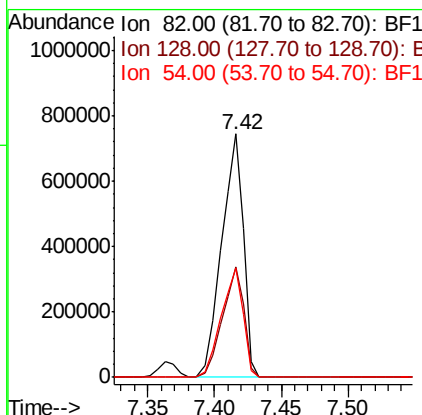
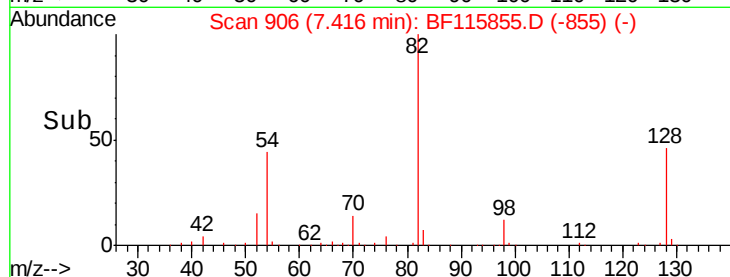
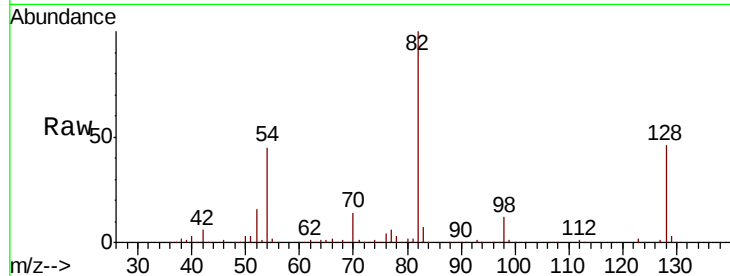
#23
 Nitrobenzene-d5
 Concen: 85.845 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleID :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	36.6	55.0	
54	44.9	36.6	55.0	

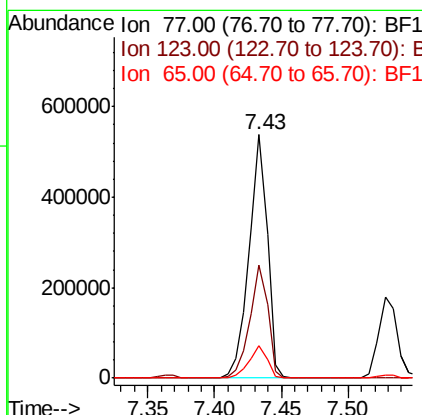
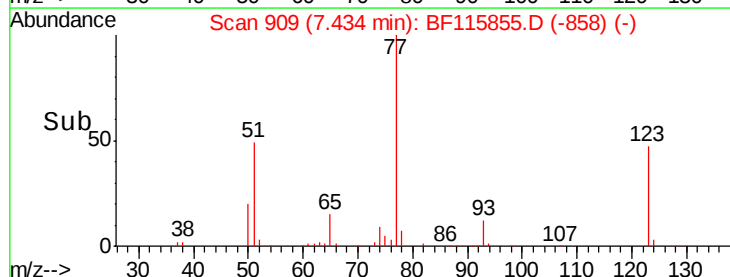
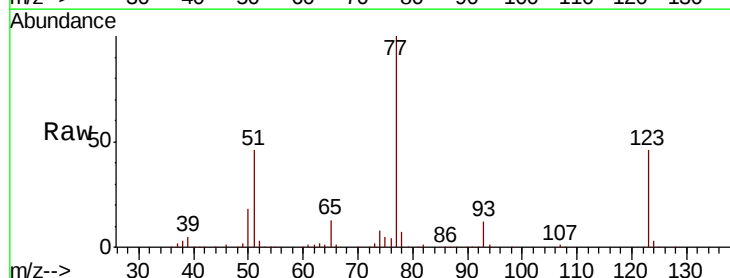
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#24
 Nitrobenzene
 Concen: 46.518 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3	35.5	53.3	
65	13.4	10.6	15.8	





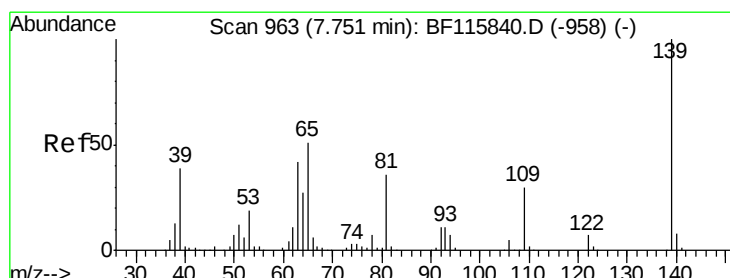
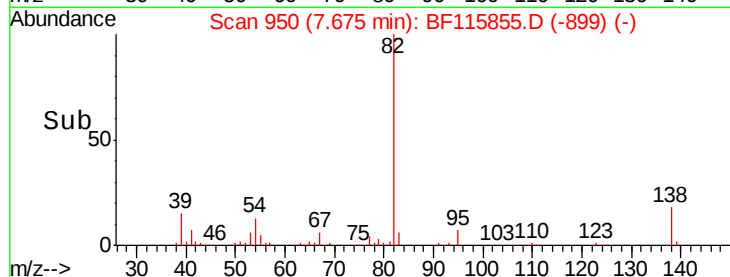
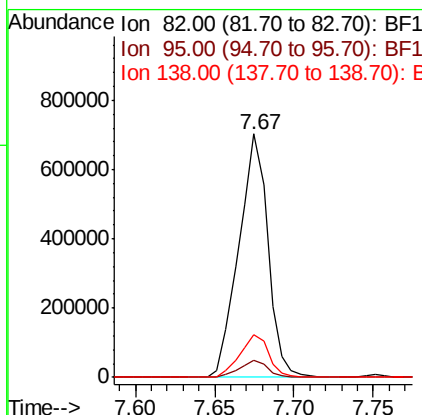
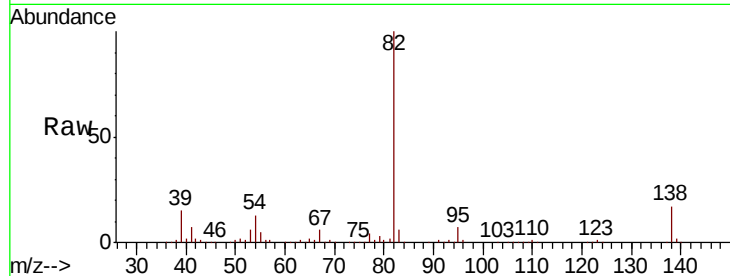
#25
Isophorone
Concen: 46.852 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	894920		
95	6.8		5.5	8.3
138	17.5		13.9	20.9

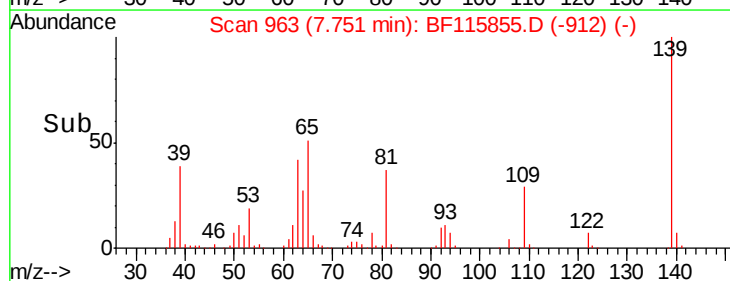
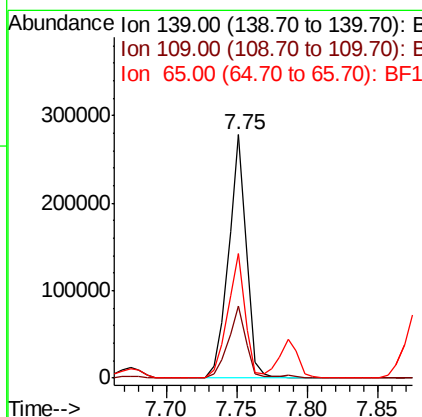
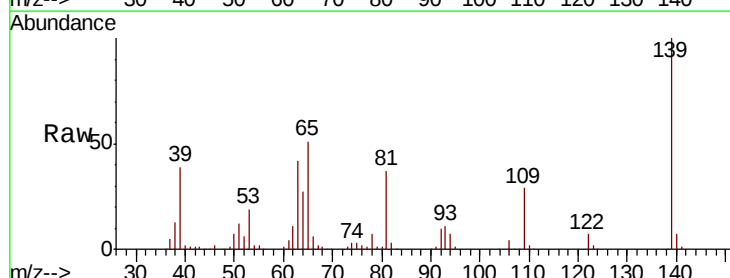
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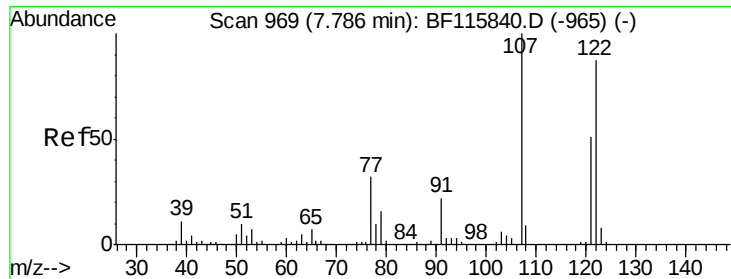
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#26
2-Nitrophenol
Concen: 47.788 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	242970		
109	29.5		23.6	35.4
65	50.9		40.6	60.8





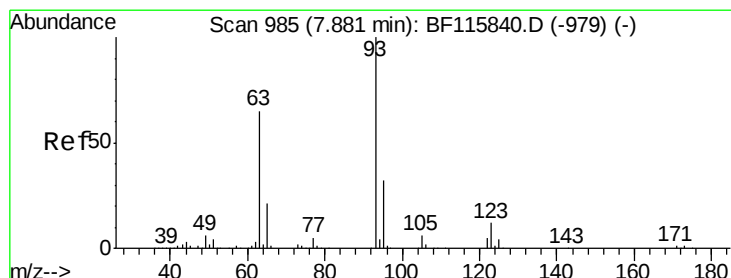
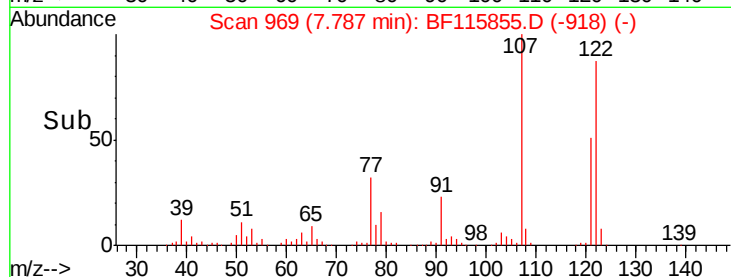
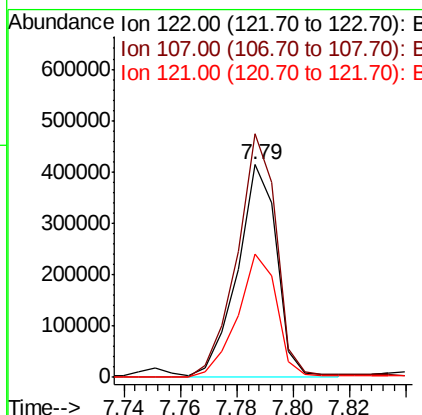
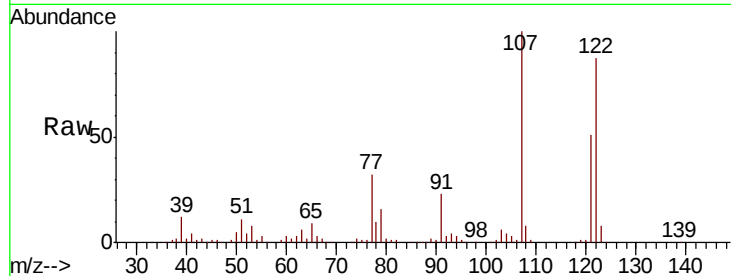
#27
2,4-Dimethylphenol
Concen: 52.552 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		401989		
107	114.4	91.7	137.5		
121	57.8	46.6	70.0		

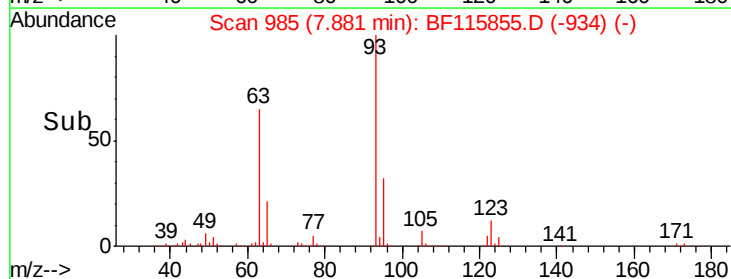
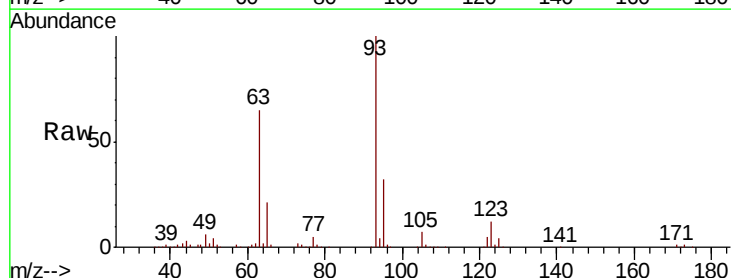
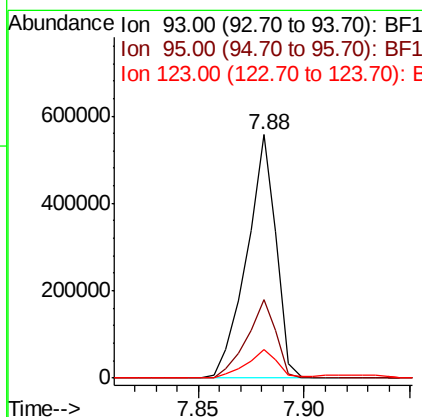
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#28
bis(2-Chloroethoxy)methane
Concen: 45.390 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		537378		
95	32.5	26.0	39.0		
123	11.8	9.5	14.3		





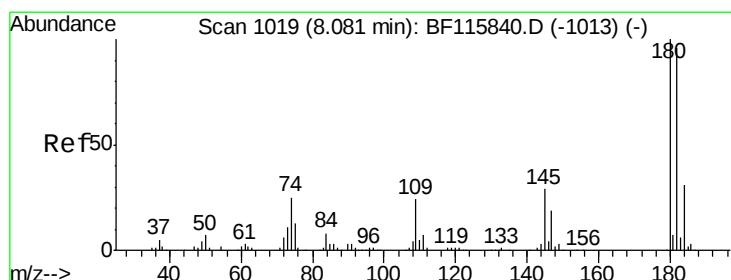
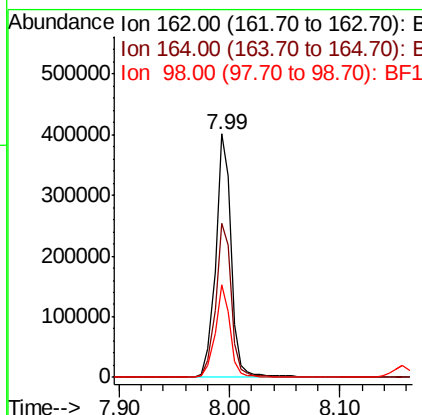
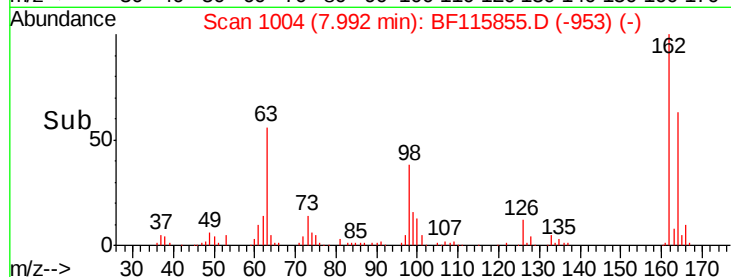
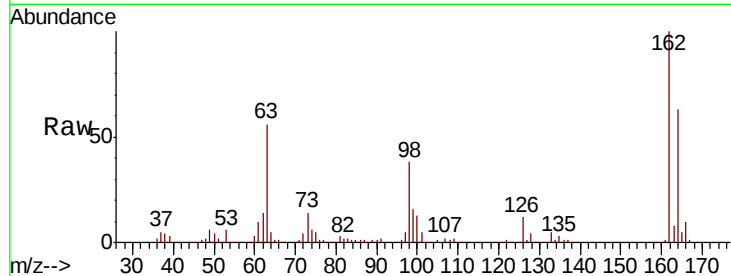
#29
2,4-Dichlorophenol
Concen: 48.144 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleID :
PB121703BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	43.2	83.2
98	37.8	17.3	57.3

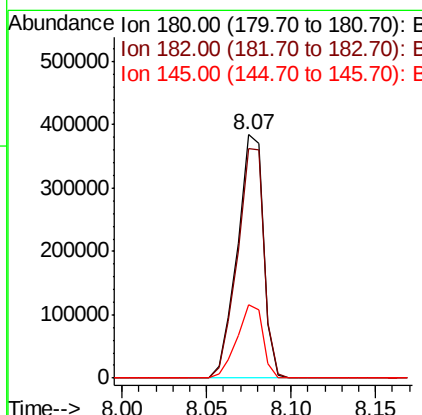
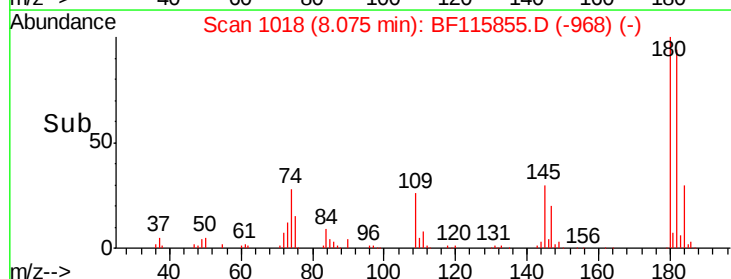
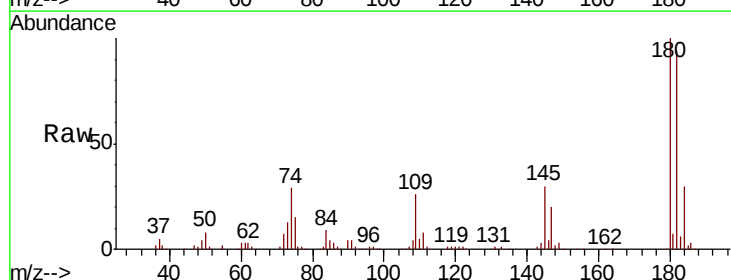
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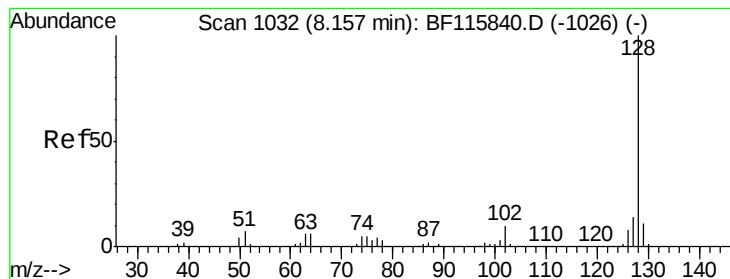
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#30
1,2,4-Trichlorobenzene
Concen: 45.120 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.6	114.8
145	30.4	23.2	34.8





#31

Naphthalene

Concen: 47.495 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:128 Resp: 1288741

Ion Ratio Lower Upper

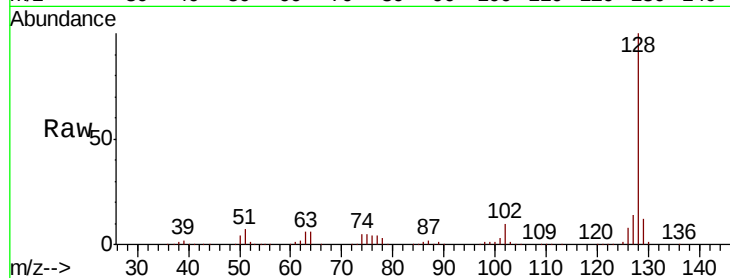
128 100

129 11.6 9.2 13.8

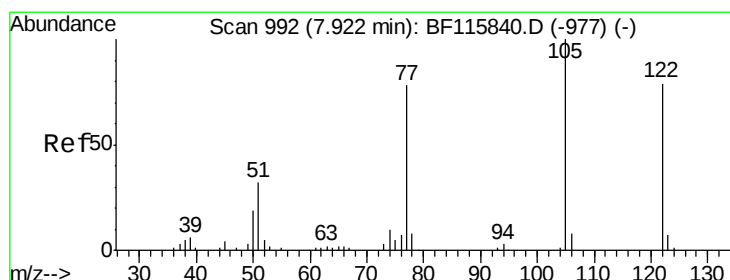
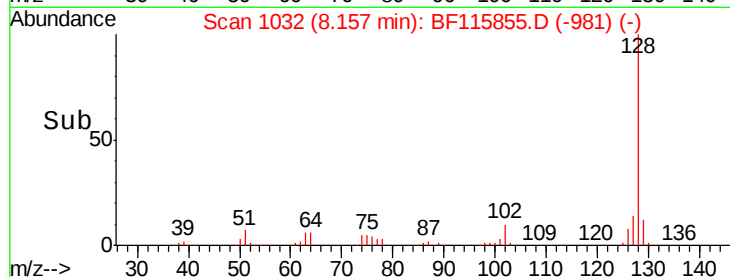
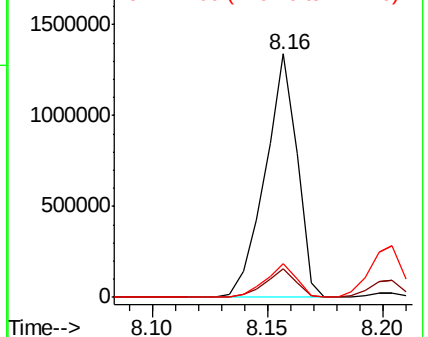
127 13.7 11.0 16.4

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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: 51.608 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

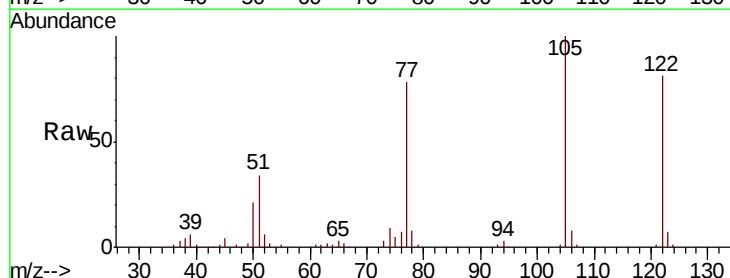
Tgt Ion:122 Resp: 278324

Ion Ratio Lower Upper

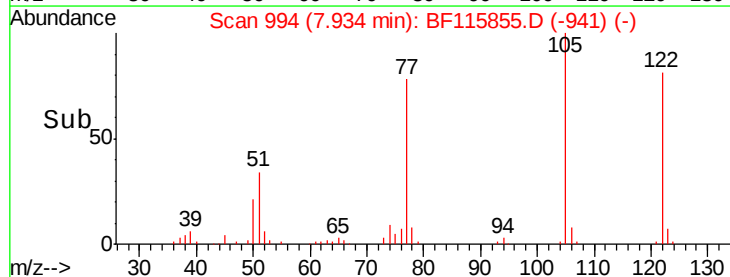
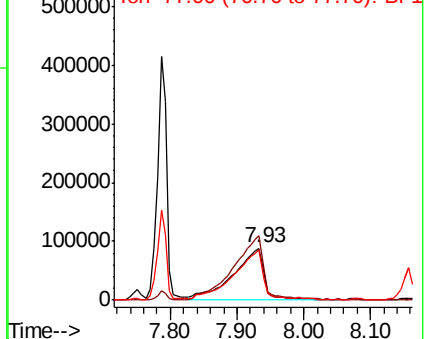
122 100

105 123.4 103.1 143.1

77 96.6 76.8 116.8



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





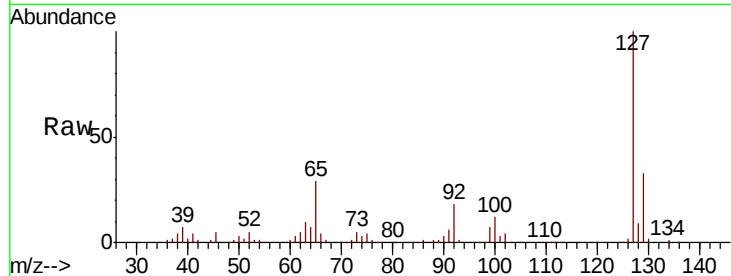
#33
4-Chloroaniline
Concen: 25.865 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.0	39.0		
65	28.9	23.9	35.9		
92	18.2	14.9	22.3		

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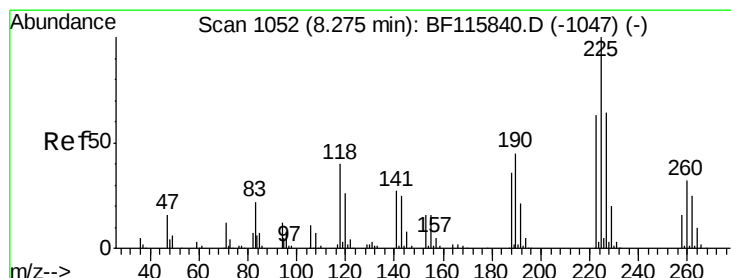
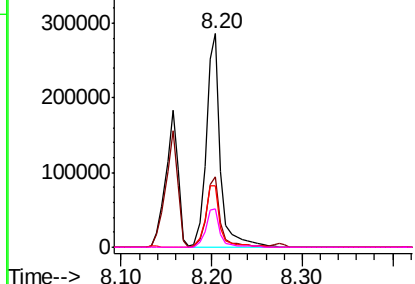
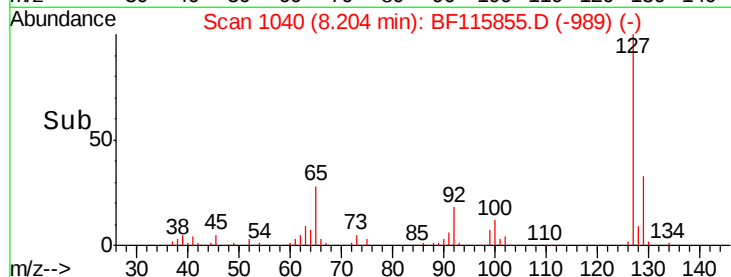
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

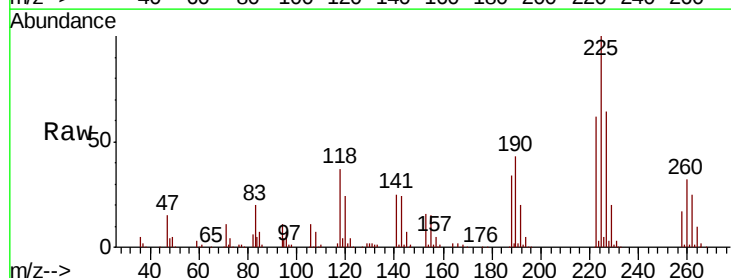
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.969 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.4	75.6		
227	63.9	51.6	77.4		

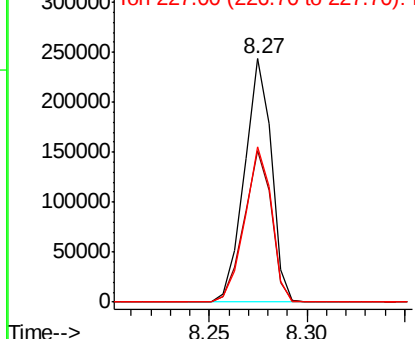
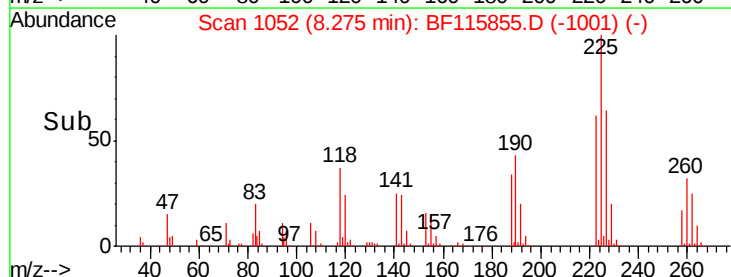


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.087 ng/mL

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleID :

PB121703BS

Tot Ion: 113 Resp: 120389

Ion Ratio Lower Upper

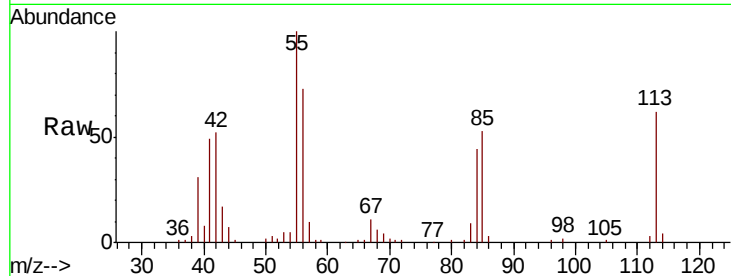
113 100

55 161.5 138.1 178.1

56 118.0 100.6 140.6

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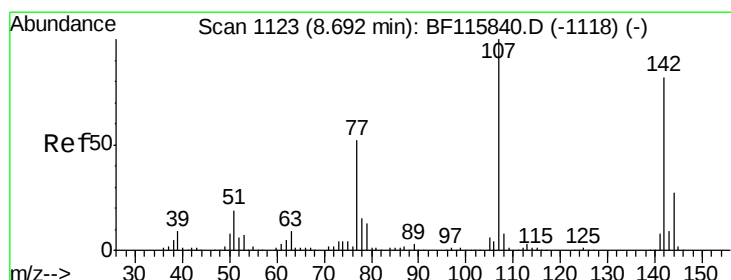
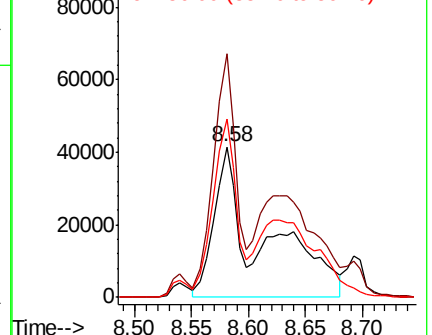
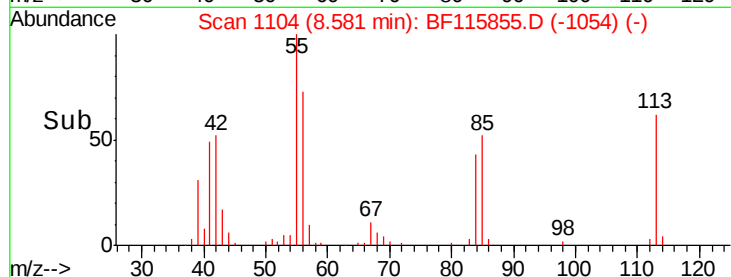
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.970 ng/mL

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

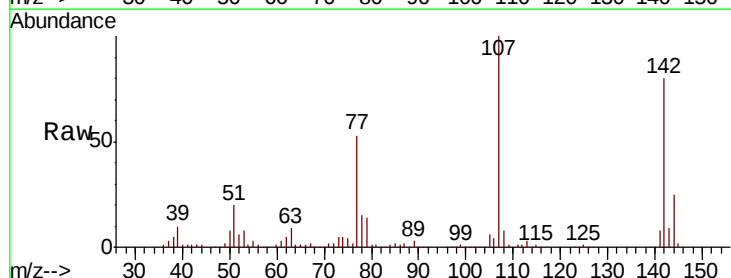
Tgt Ion: 107 Resp: 411461

Ion Ratio Lower Upper

107 100

144 25.4 21.4 32.0

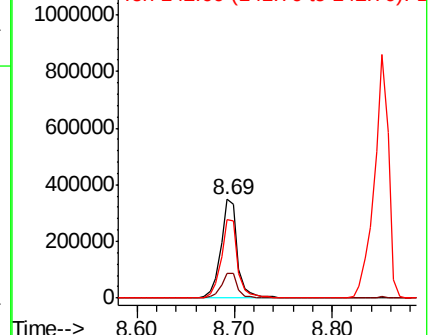
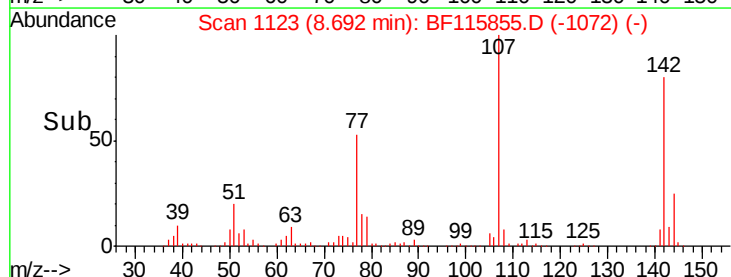
142 79.8 65.5 98.3

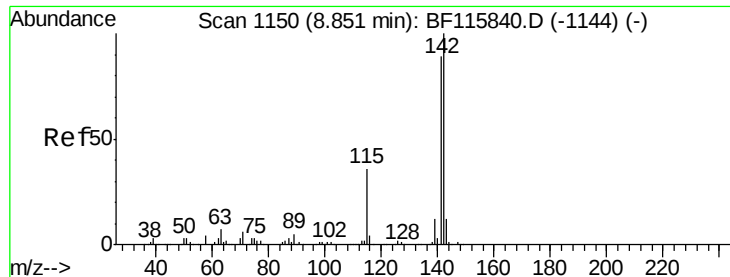


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





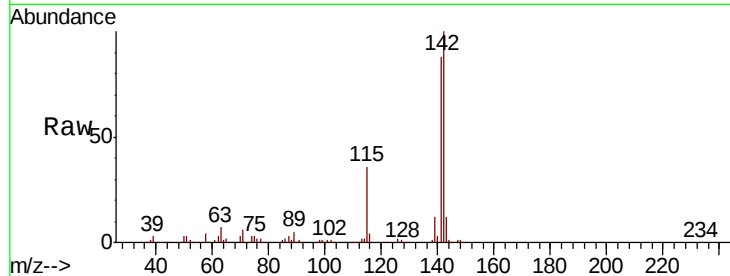
#37
2-Methylnaphthalene
Concen: 48.965 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	35.6	28.9	43.3

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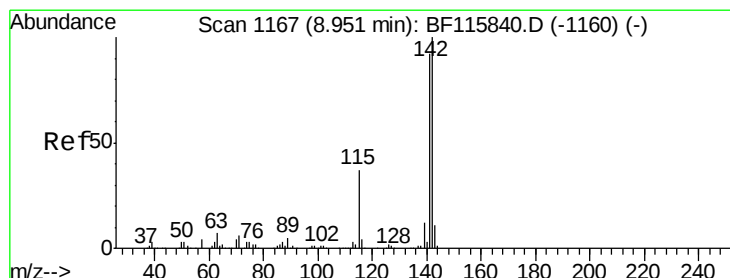
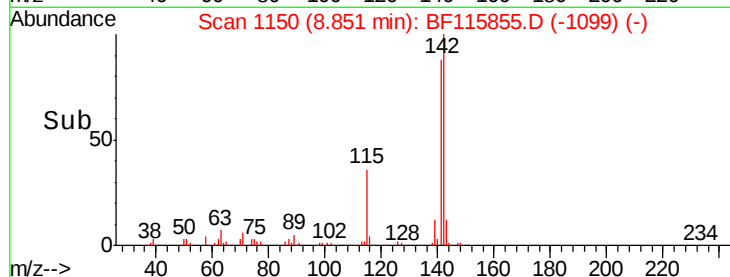
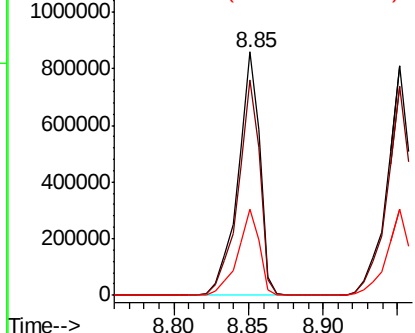


Abundance

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: 47.847 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

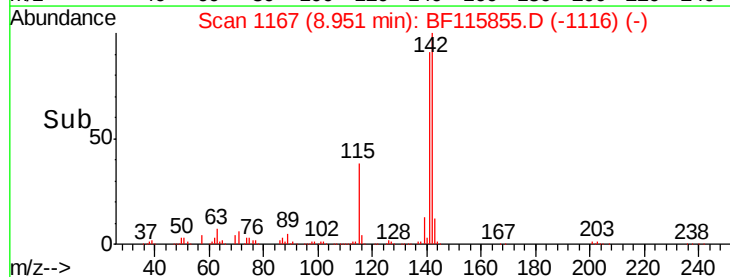
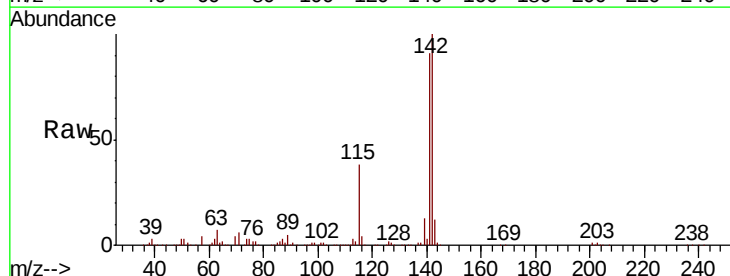
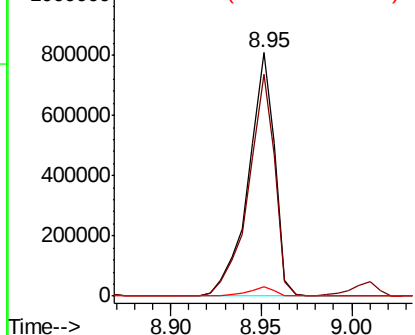
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.8	110.6
116	4.0	3.1	4.7

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

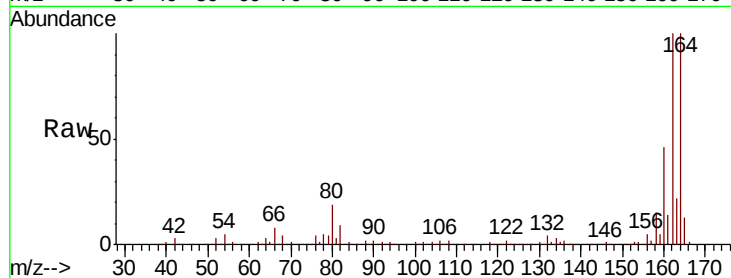
ClientSampleId :

PB121703BS

Tot Ion:	164	Resp:	312086
Ion Ratio	Lower	Upper	
164	100		
162	99.9	80.8	121.2
160	45.6	36.2	54.4

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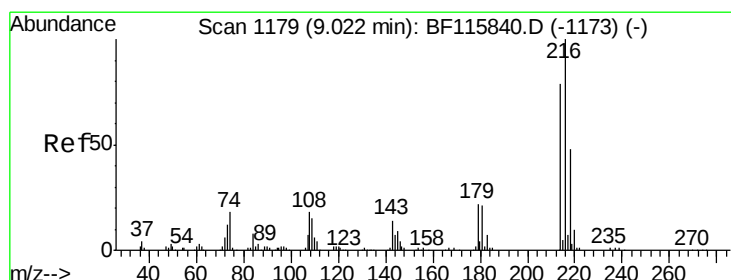
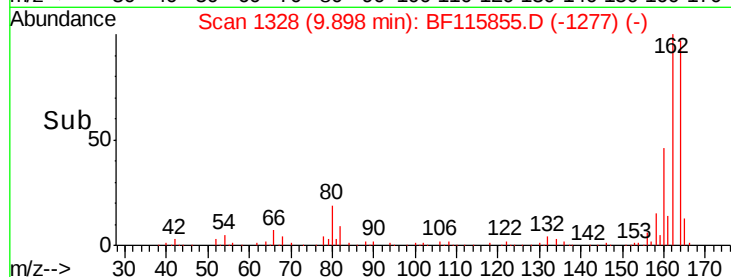
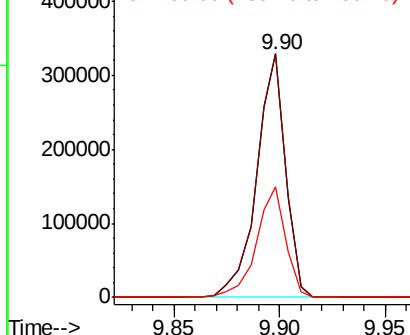


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.166 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion:	216	Resp:	385176
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.8	94.2
179	21.9	17.6	26.4
108	22.2	16.1	24.1

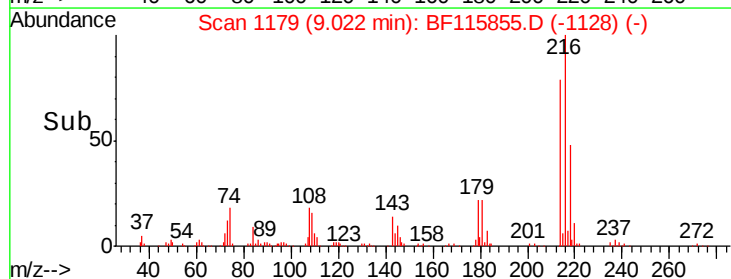
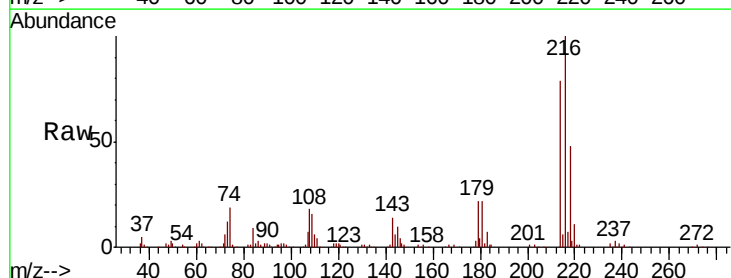
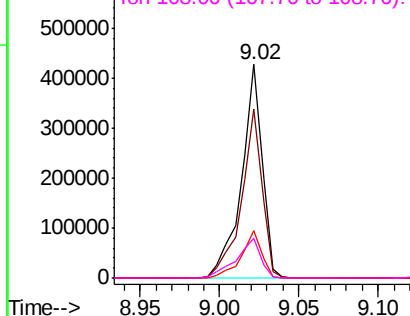
Abundance

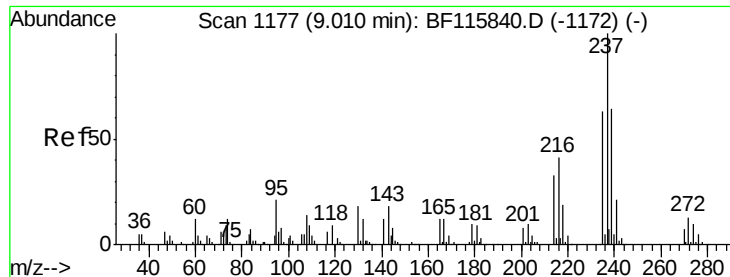
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.017 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

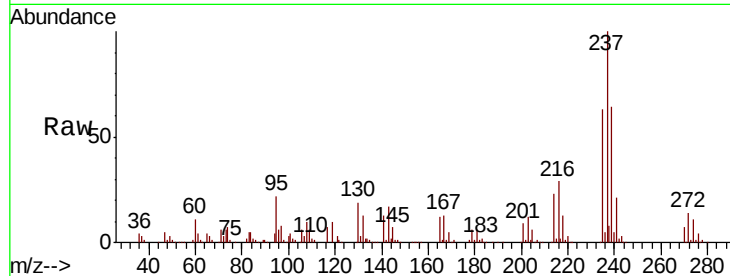
ClientSampleId :

PB121703BS

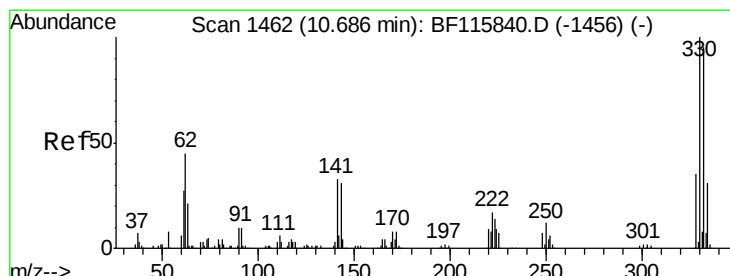
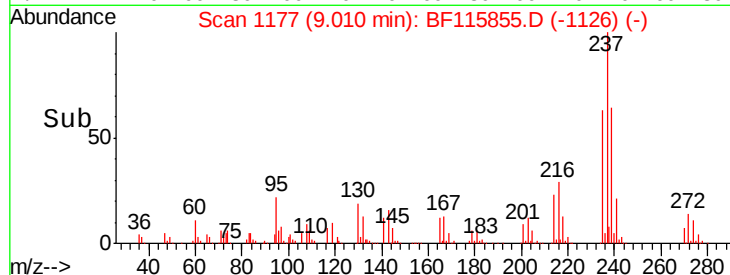
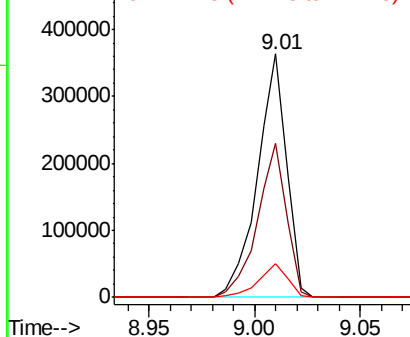
Tot Ion:	237	Resp:	348251
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.5	82.5
272	13.6	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 122.723 ng

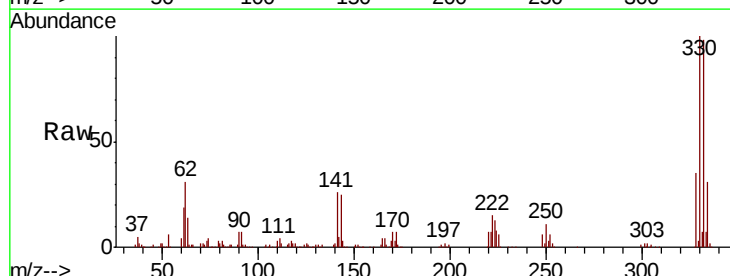
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

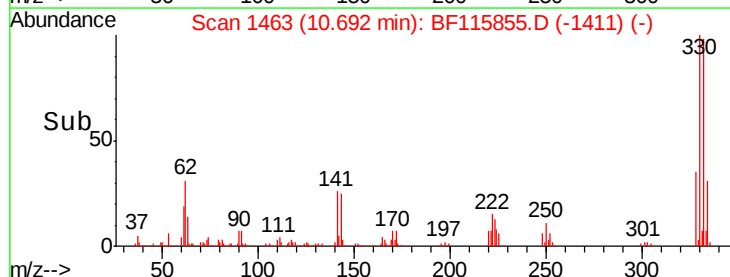
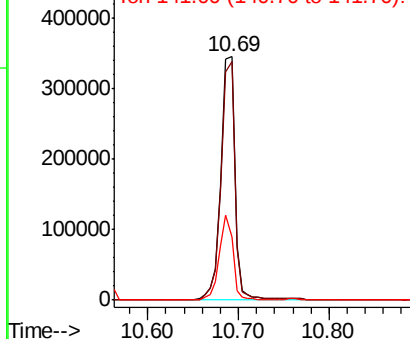
Lab File: BF115855.D

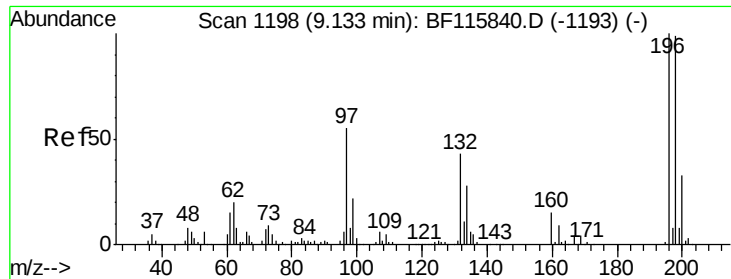
Acq: 31 Jul 2019 9:43

Tgt Ion:	330	Resp:	371330
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.7	116.5
141	33.4	28.1	42.1



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





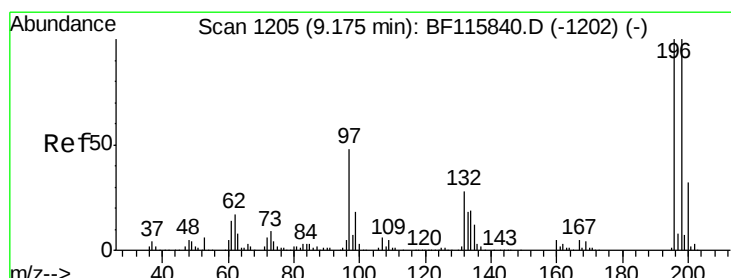
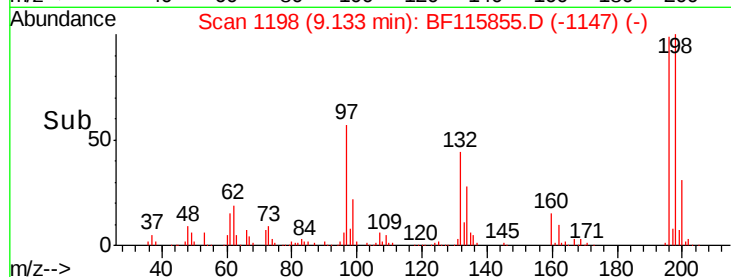
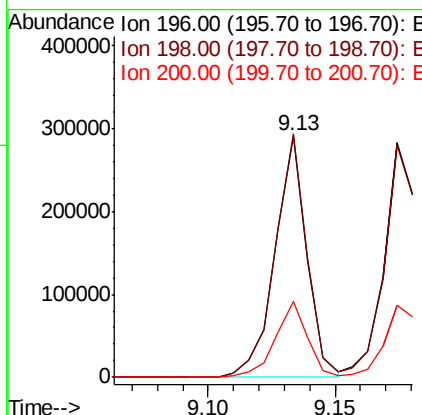
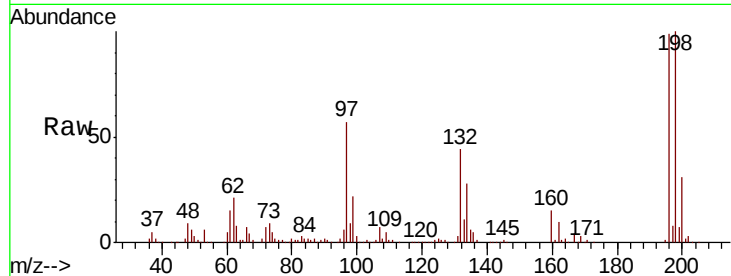
#43
 2,4,6-Trichlorophenol
 Concen: 44.744 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256956		
198	100.8	79.1	118.7	
200	31.3	26.0	39.0	

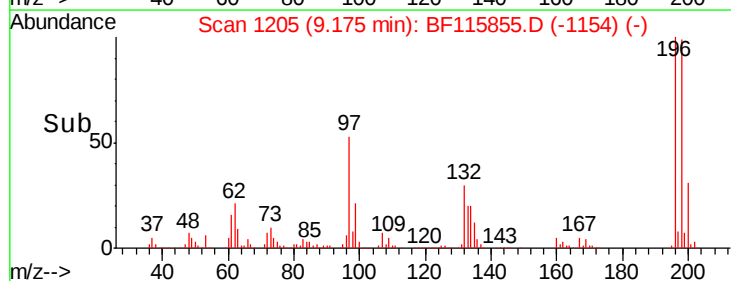
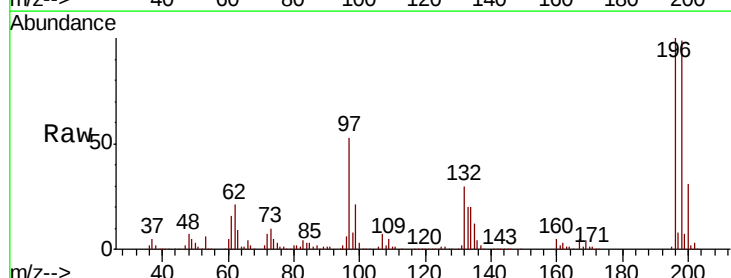
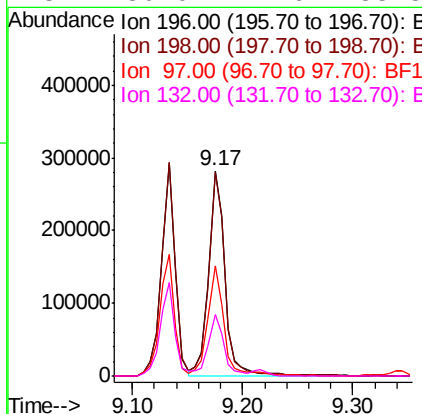
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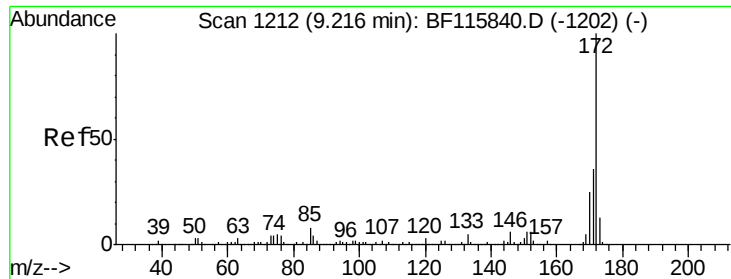
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.240 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280434		
198	99.2	80.1	120.1	
97	53.3	38.9	58.3	
132	30.0	22.6	33.8	





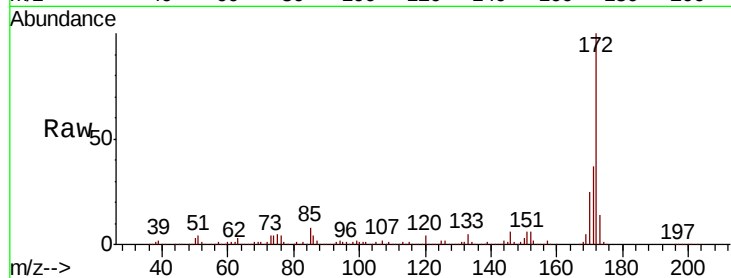
#45
2-Fluorobiphenyl
Concen: 89.373 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.1	43.7
170	25.3	20.1	30.1

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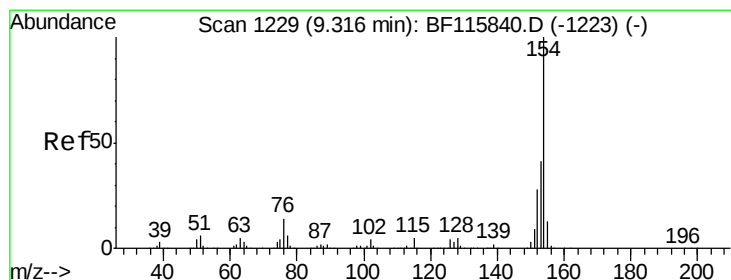
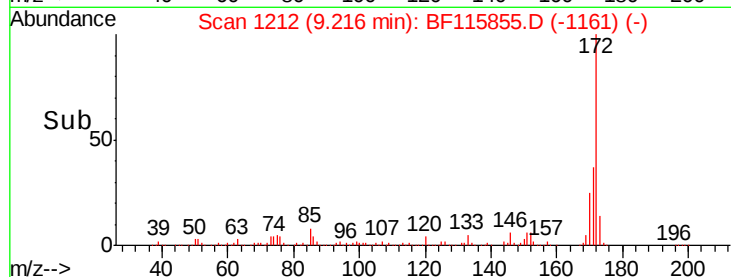
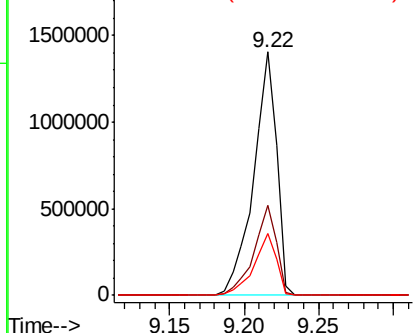


Abundance

Ion 172.00 (171.70 to 172.70): E

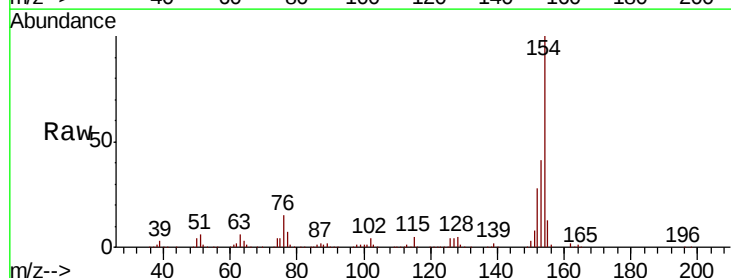
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.329 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	14.5	0.0	34.3

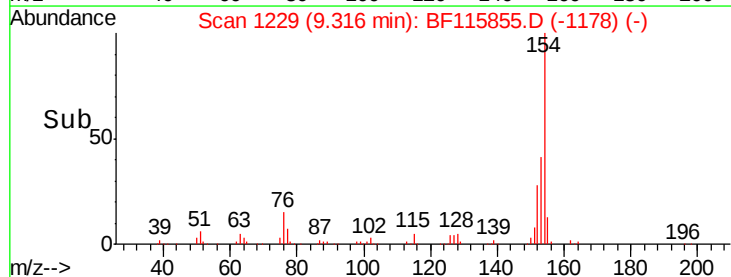
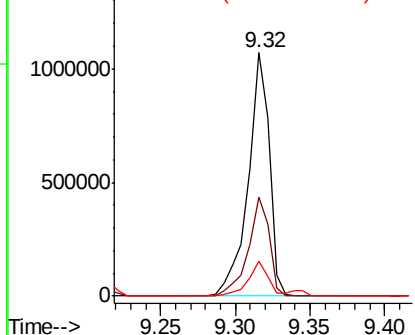


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





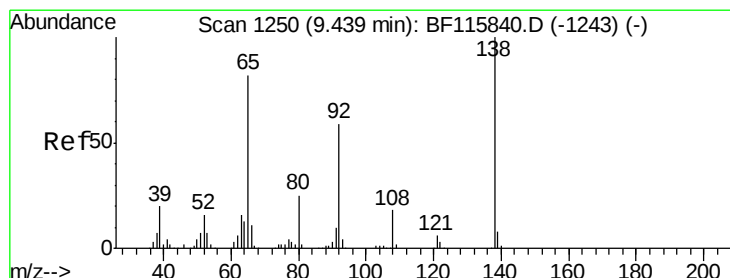
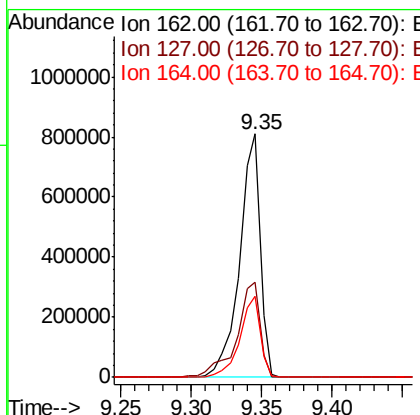
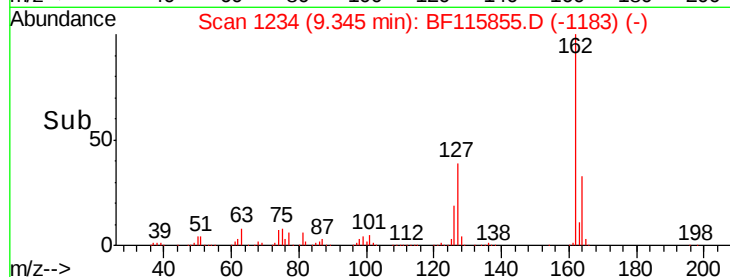
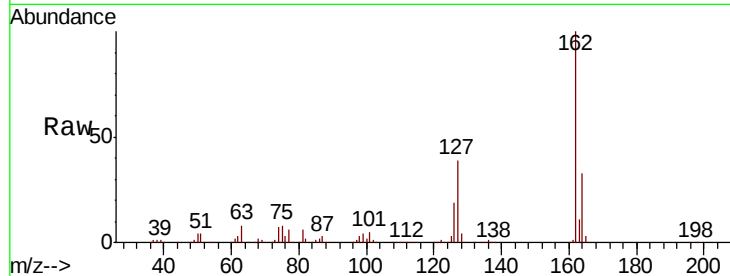
#47
 2-Chloronaphthalene
 Concen: 44.766 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleID :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	31.3	46.9	
164	33.2	26.6	40.0	

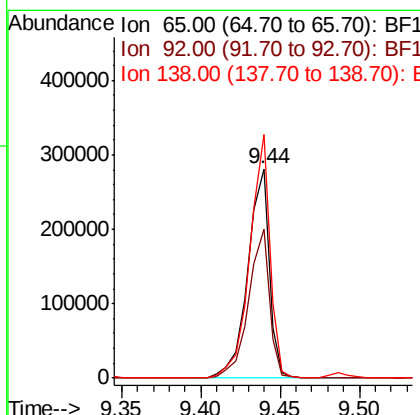
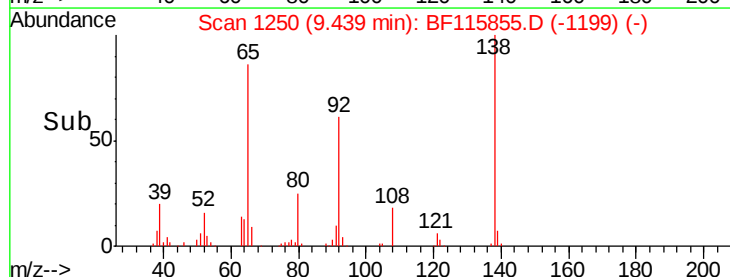
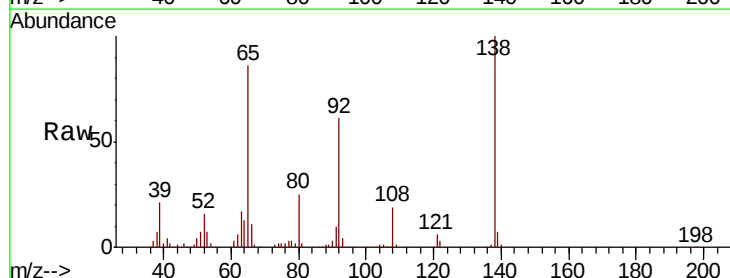
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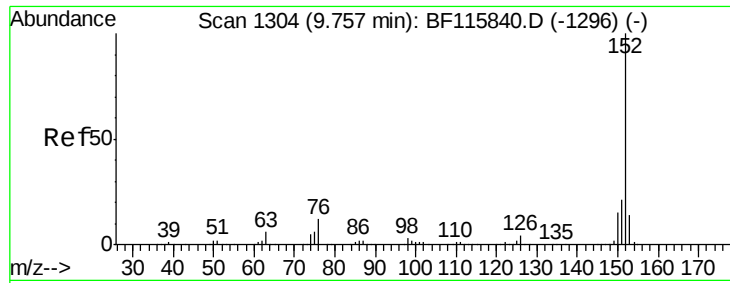
mohammad
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#48
 2-Nitroaniline
 Concen: 43.546 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.9	57.1	85.7	
138	116.2	97.1	145.7	





#49

Acenaphthylene

Concen: 47.590 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:152 Resp: 1273208

Ion Ratio Lower Upper

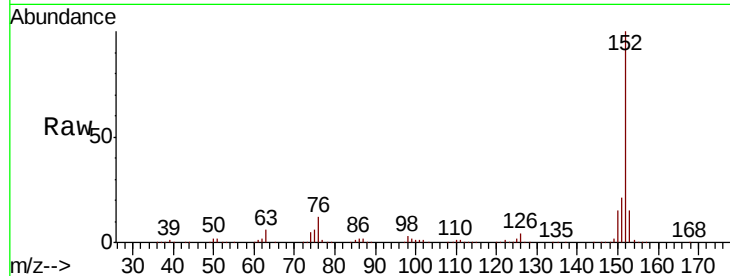
152 100

151 21.3 16.8 25.2

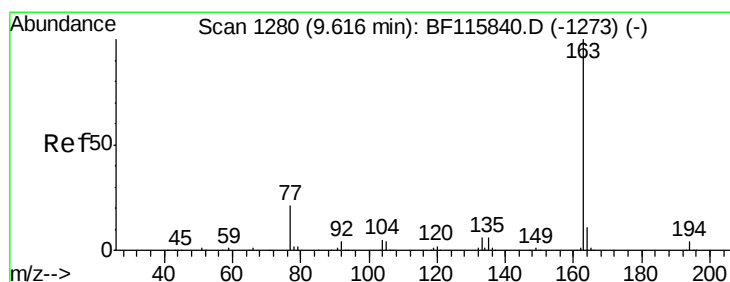
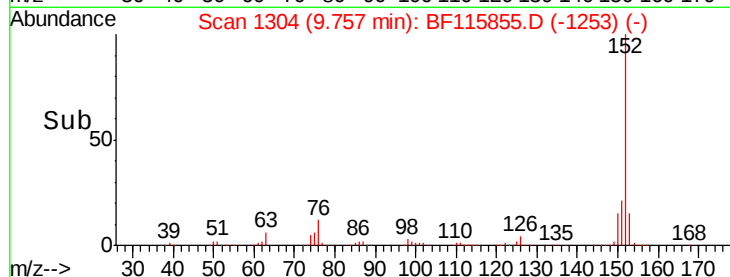
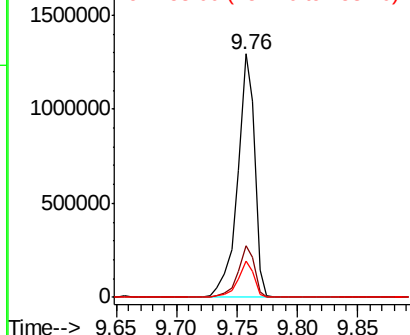
153 14.7 11.6 17.4

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



#50

Dimethylphthalate

Concen: 44.393 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

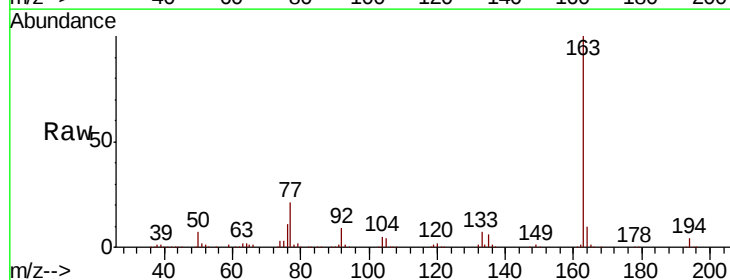
Tgt Ion:163 Resp: 943335

Ion Ratio Lower Upper

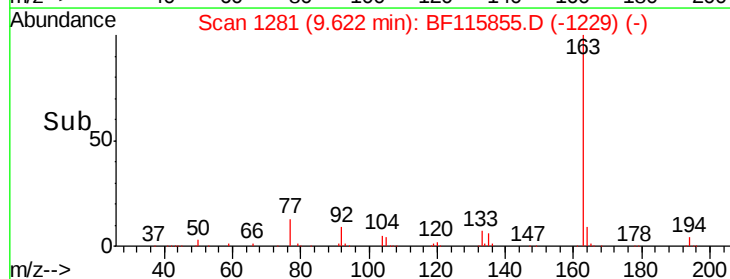
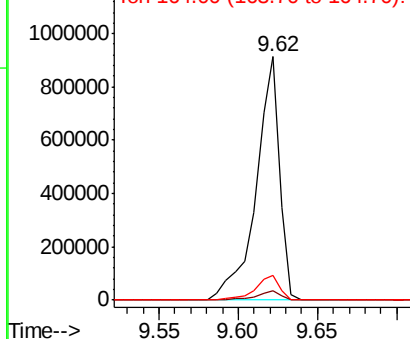
163 100

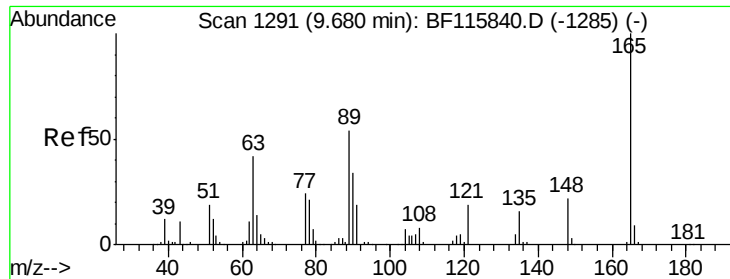
194 3.8 3.0 4.6

164 10.3 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 46.405 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

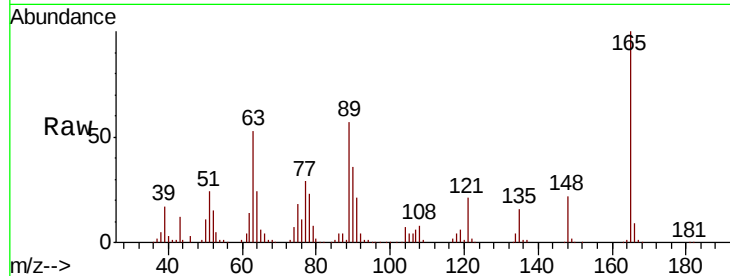
ClientSampleId :

PB121703BS

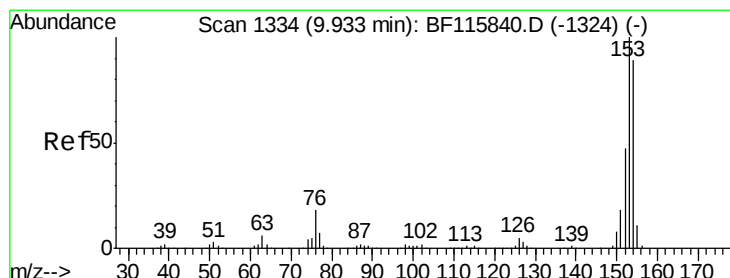
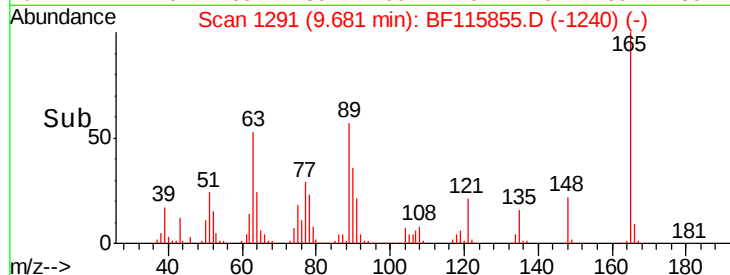
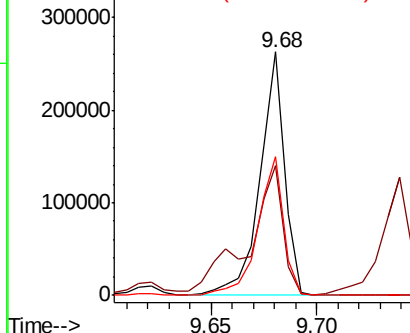
Tot Ion:	165	Resp:	214292
Ion Ratio	Lower	Upper	
165	100		
63	53.2	39.4	59.2
89	57.1	43.0	64.6

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



#52

Acenaphthene

Concen: 46.577 ng

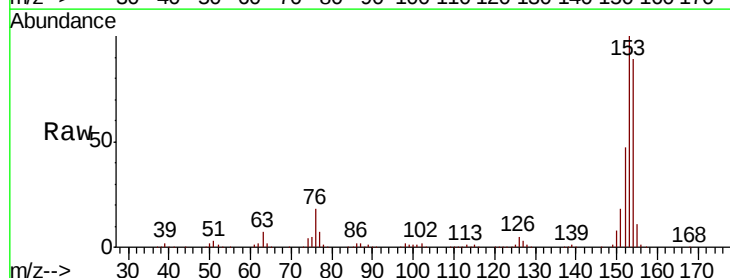
RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

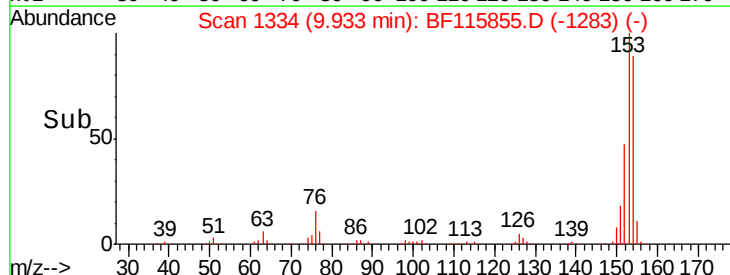
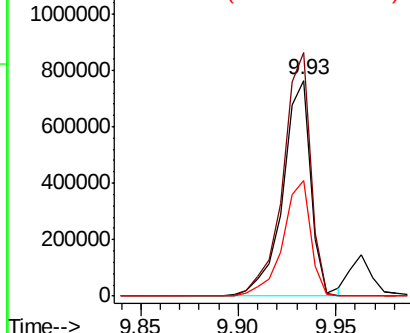
Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion:	154	Resp:	764470
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.1	135.1
152	53.5	42.6	63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





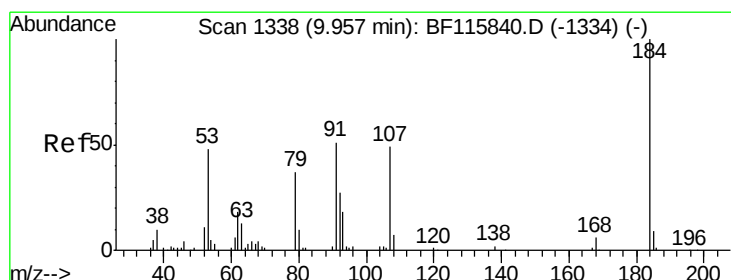
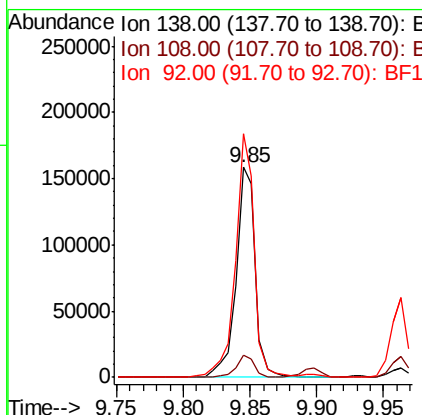
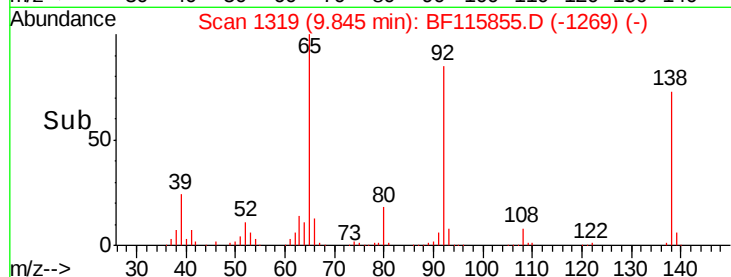
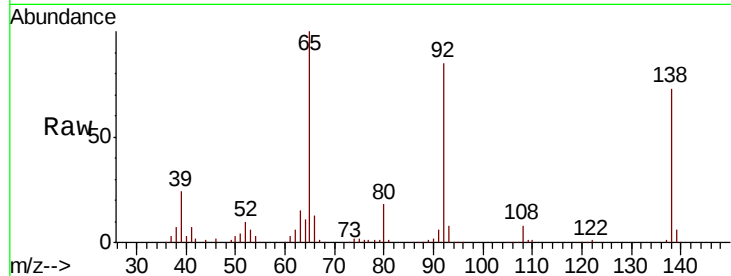
#53
3-Nitroaniline
Concen: 27.883 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.4	11.2
92	116.0	83.9	125.9

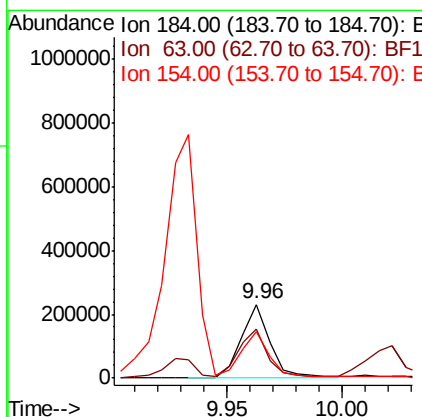
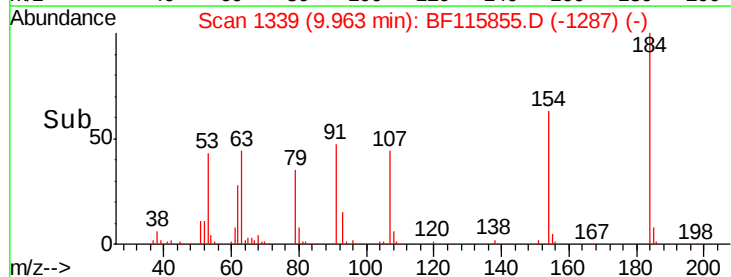
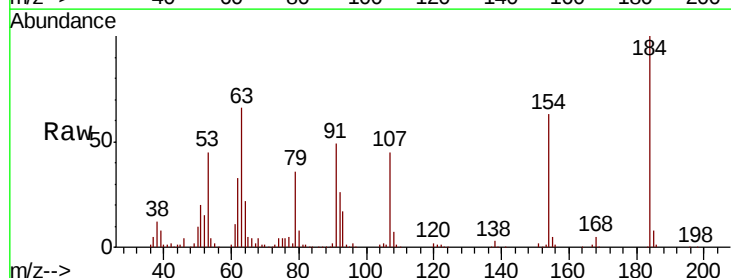
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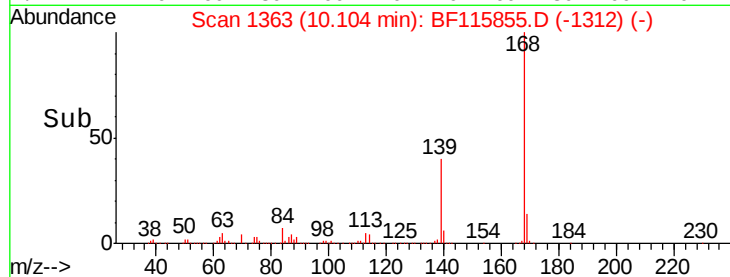
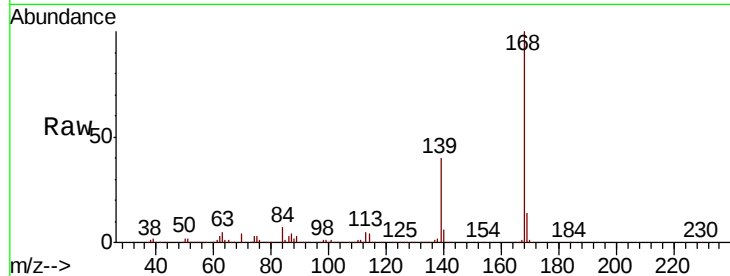
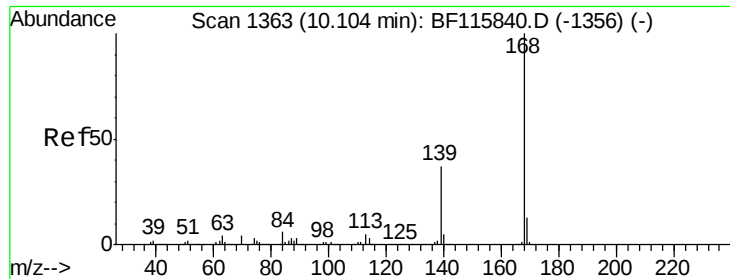
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#54
2,4-Dinitrophenol
Concen: 87.348 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.3	56.7	85.1
154	63.5	51.9	77.9





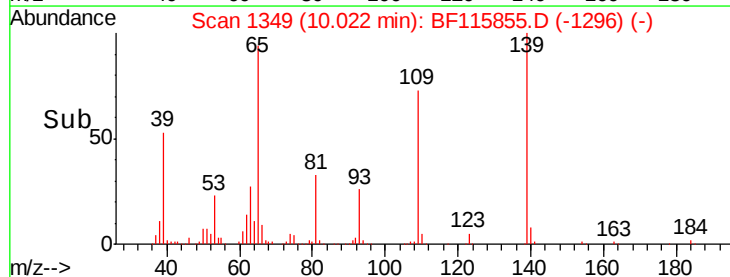
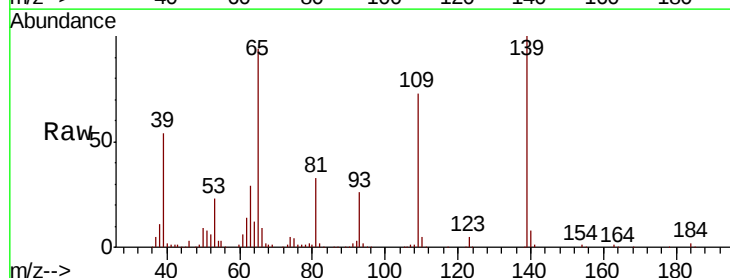
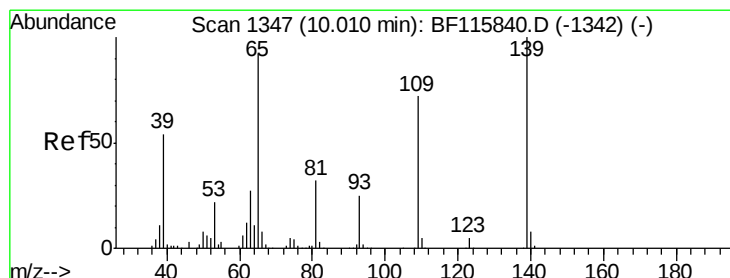
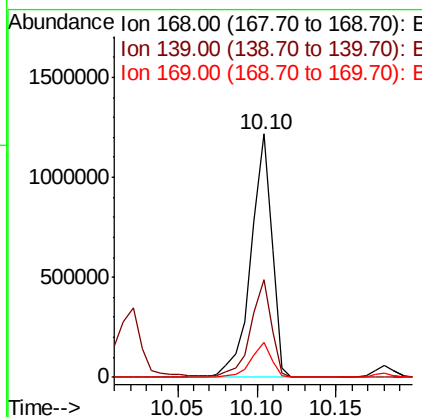
#55
Dibenzofuran
Concen: 46.586 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.2	45.2
169	14.2	10.8	16.2

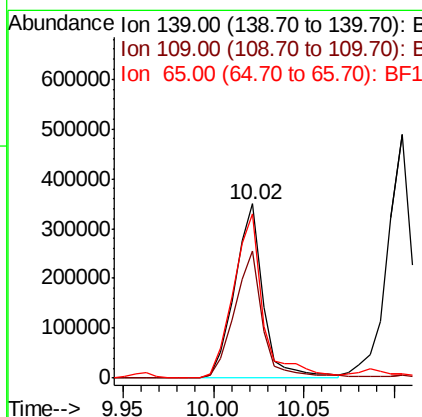
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#56
4-Nitrophenol
Concen: 104.913 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.1	52.0	92.0
65	94.1	72.6	112.6





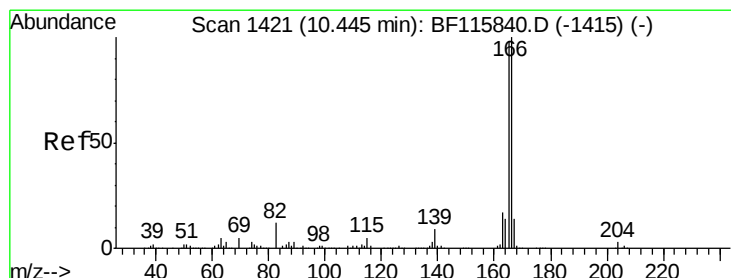
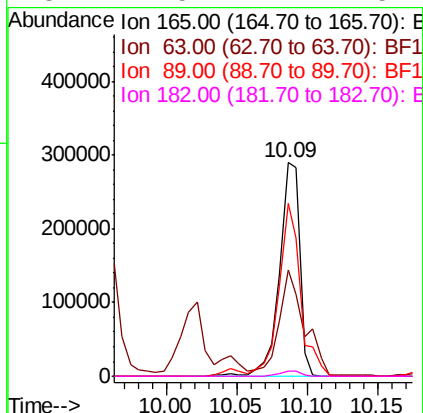
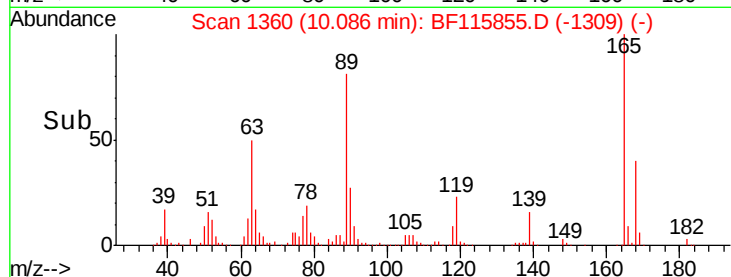
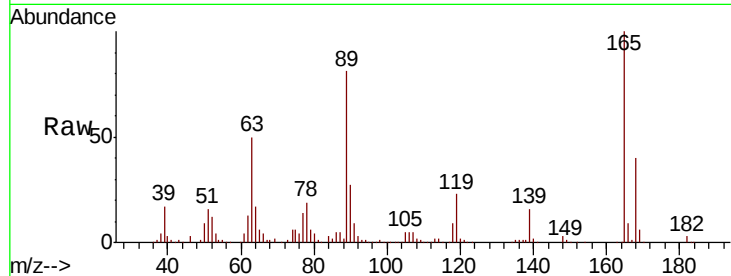
#57
2,4-Dinitrotoluene
Concen: 47.329 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	290995		
63	49.6	33.2	49.8	
89	80.9	57.3	85.9	
182	2.5	2.1	3.1	

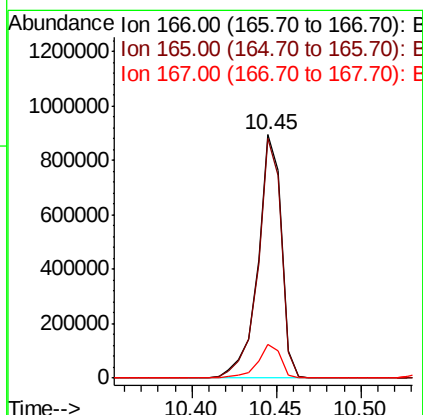
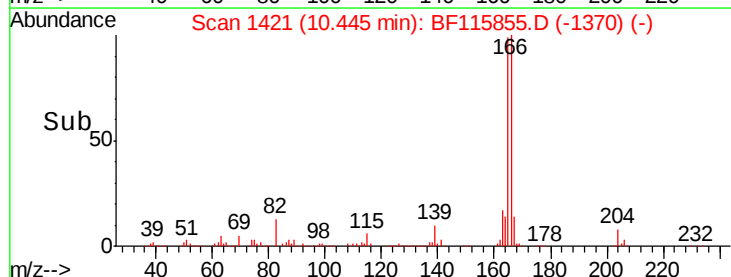
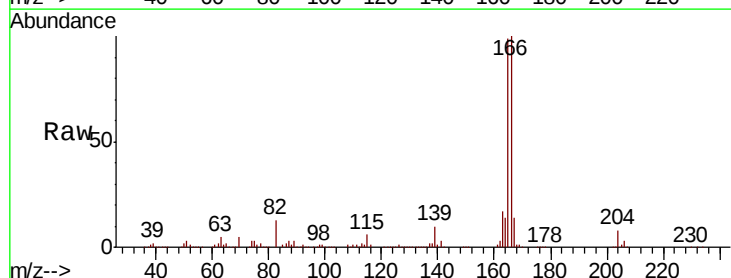
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#58
Fluorene
Concen: 47.045 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	863928		
165	98.7	78.6	118.0	
167	13.9	10.9	16.3	





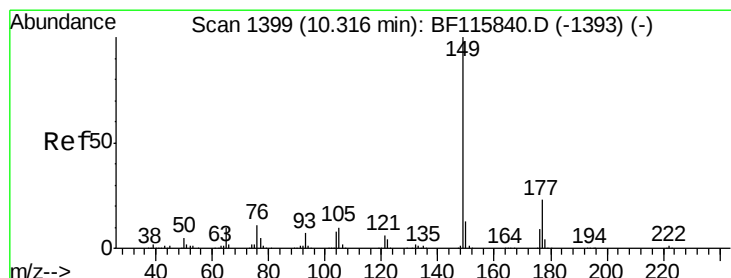
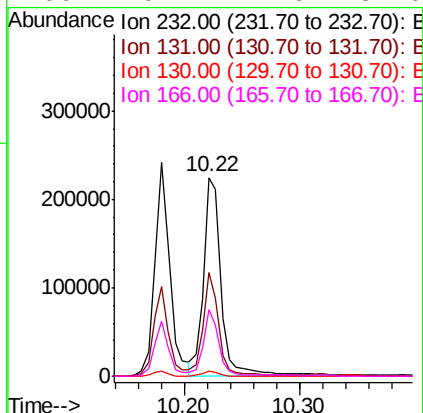
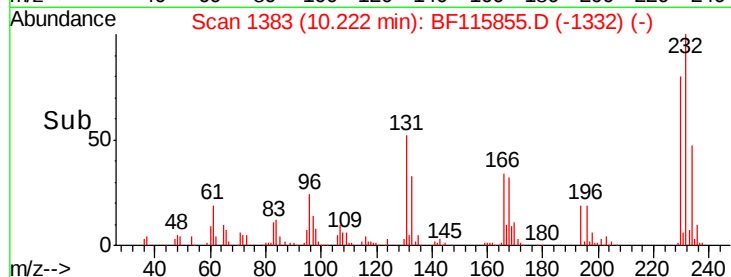
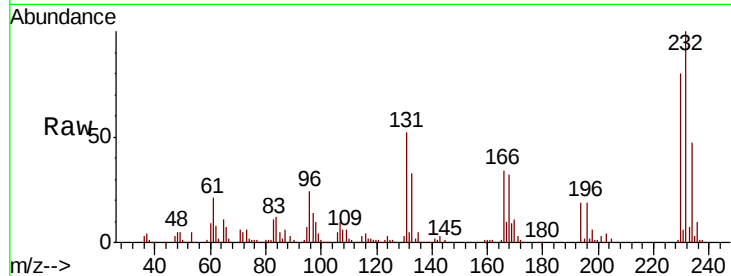
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.439 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	46.5	37.6	56.4
130	2.5	1.8	2.8
166	29.7	24.6	37.0

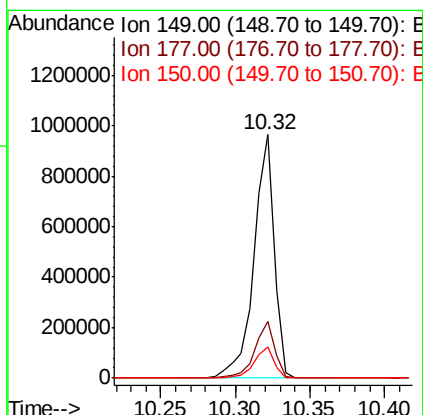
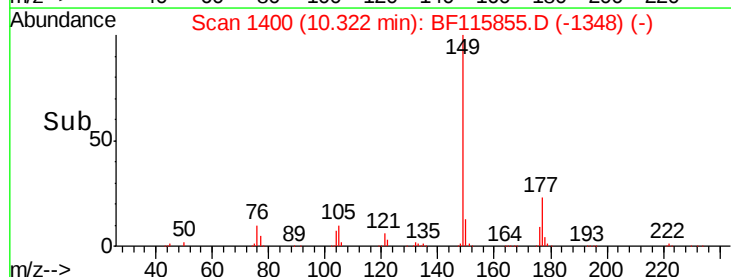
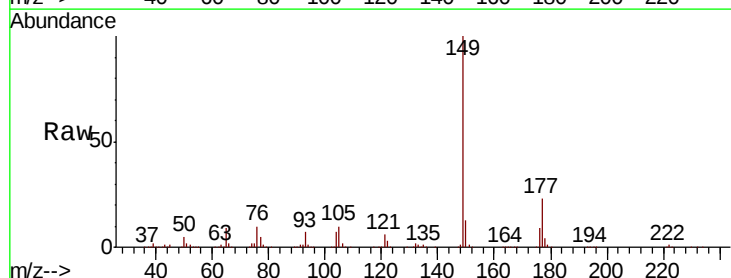
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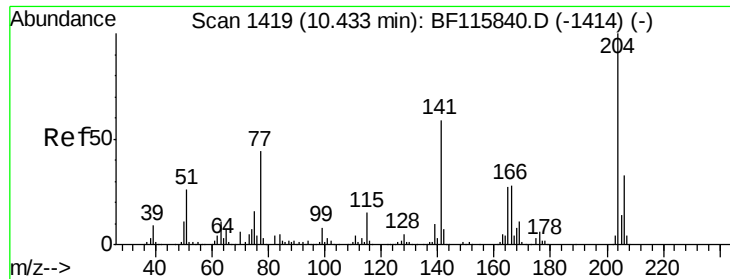
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#60
Diethylphthalate
Concen: 45.323 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.7	10.1	15.1





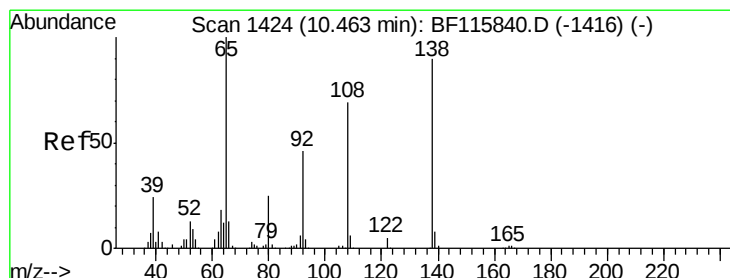
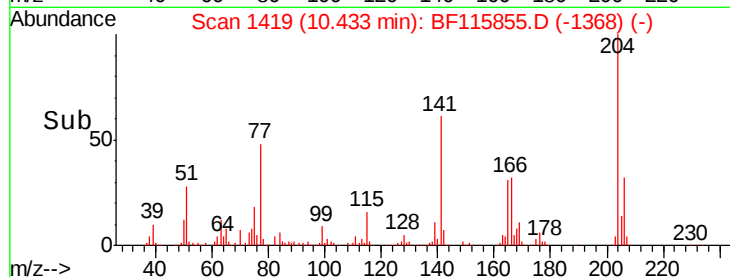
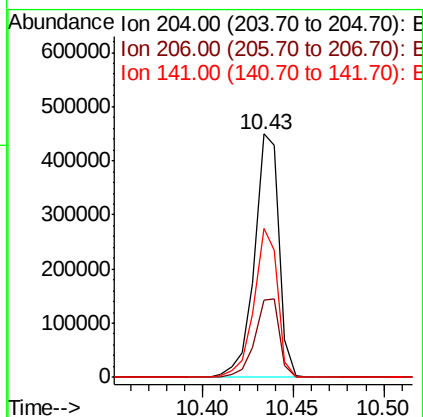
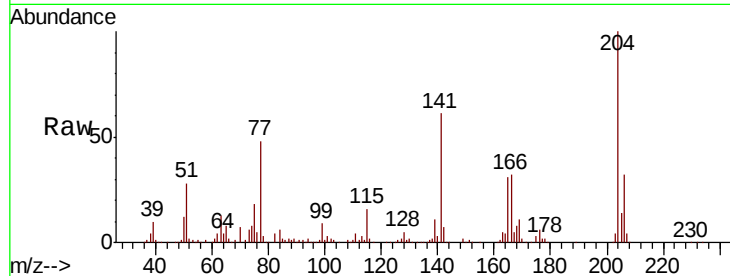
#61
 4-Chlorophenyl-phenylether
 Concen: 45.372 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion:	204	Resp:	421982
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.4	39.6
141	61.2	47.0	70.4

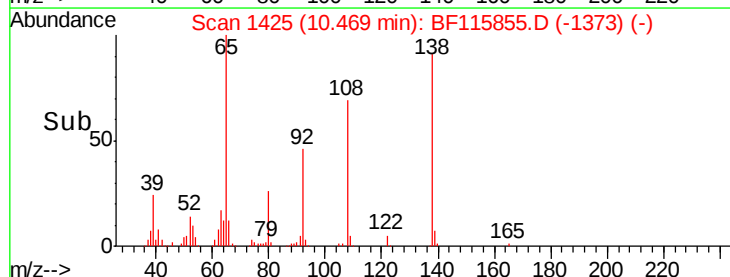
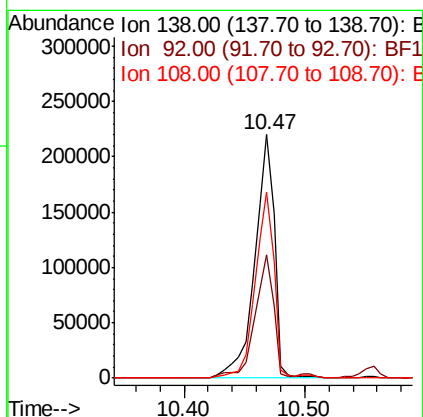
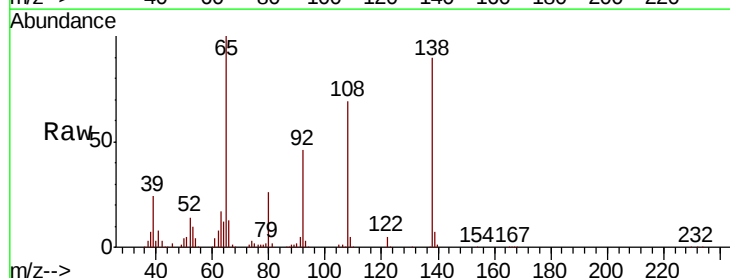
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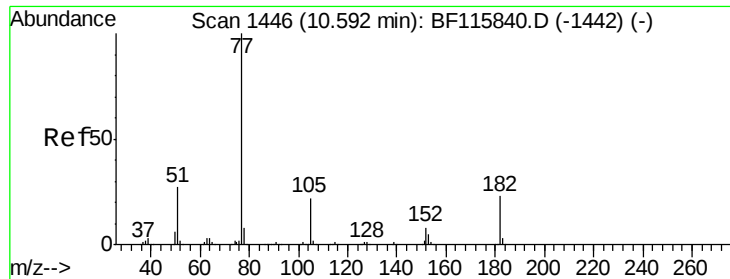
mohammad
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#62
 4-Nitroaniline
 Concen: 42.433 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion:	138	Resp:	250221
Ion Ratio	Lower	Upper	
138	100		
92	50.7	31.0	71.0
108	76.4	56.7	96.7





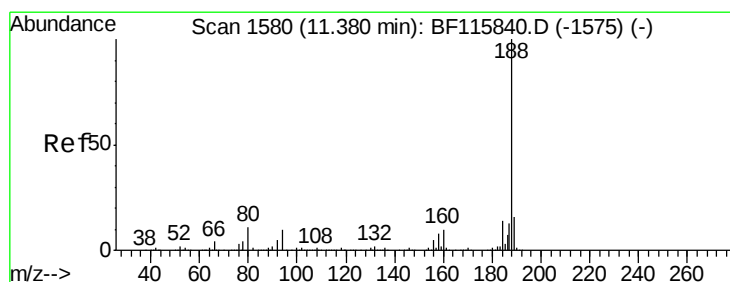
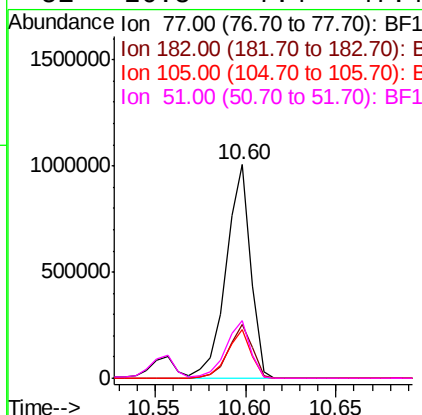
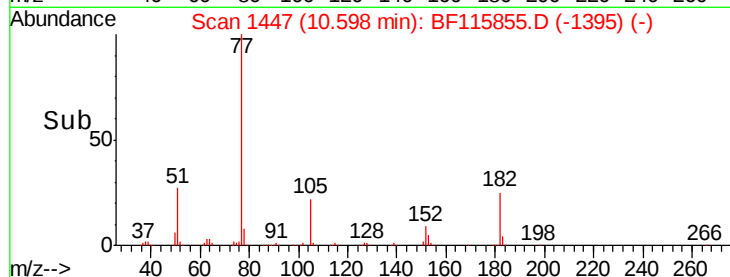
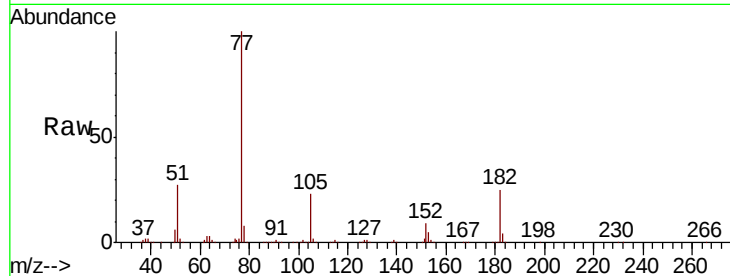
#63
Azobenzene
Concen: 46.320 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	2.6	42.6
105	22.6	1.6	41.6
51	26.8	7.4	47.4

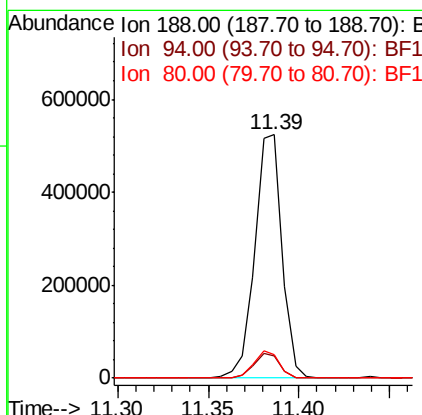
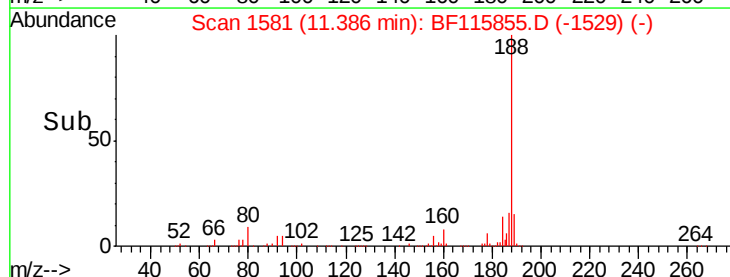
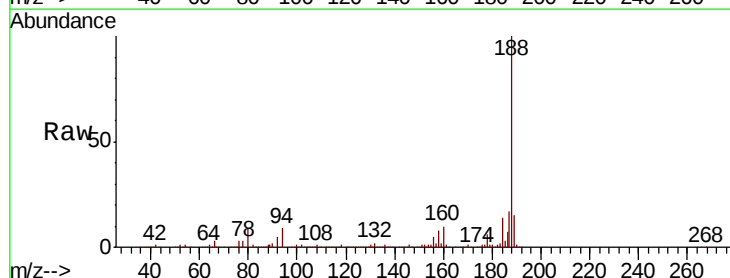
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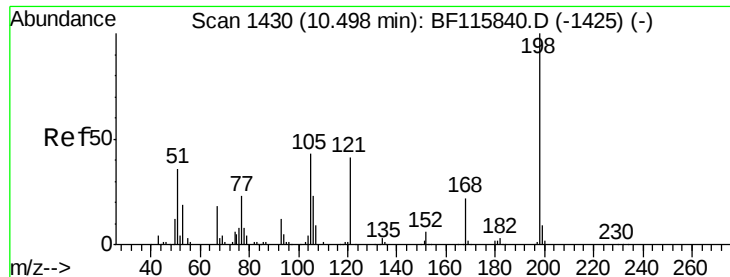
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.5	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 50.774 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:198 Resp: 147270

Ion Ratio Lower Upper

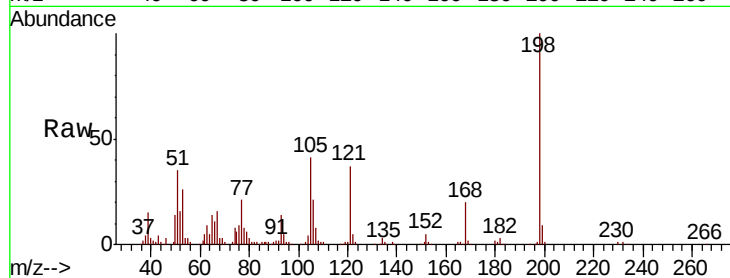
198 100

51 35.4 21.1 61.1

105 40.7 24.5 64.5

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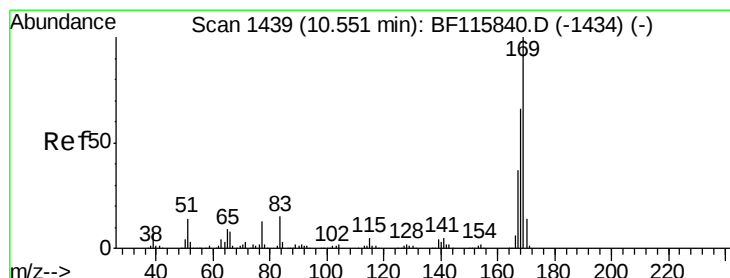
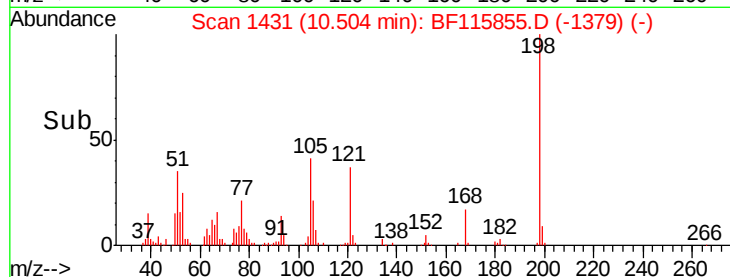
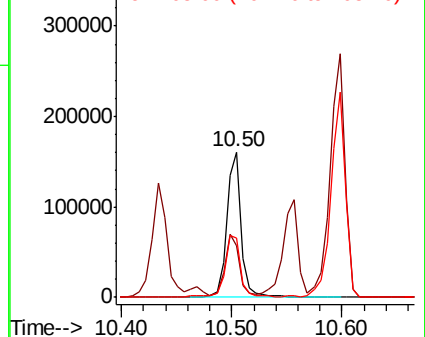
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.891 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

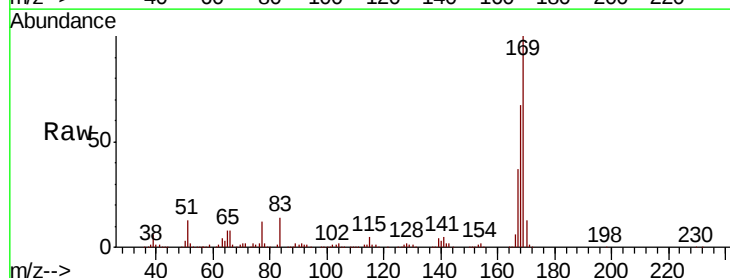
Tgt Ion:169 Resp: 772496

Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.6

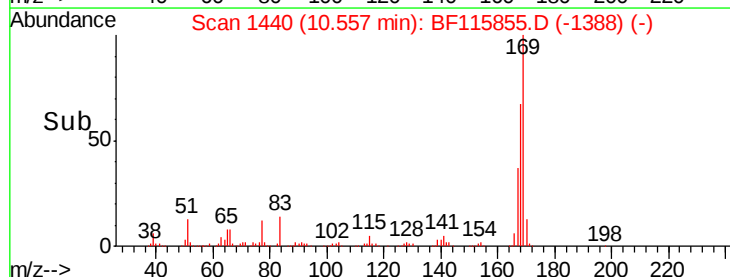
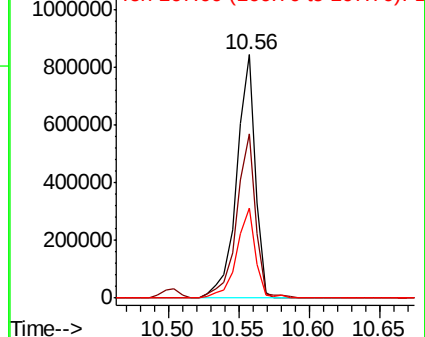
167 37.1 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





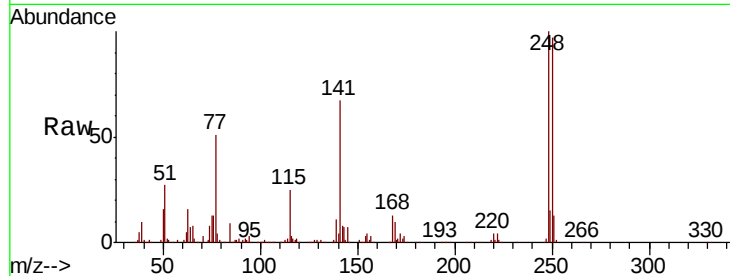
#67
4-Bromophenyl-phenylether
Concen: 44.692 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.6
141	66.6	64.3	96.5

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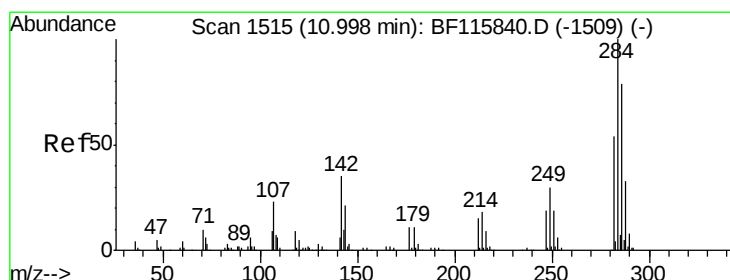
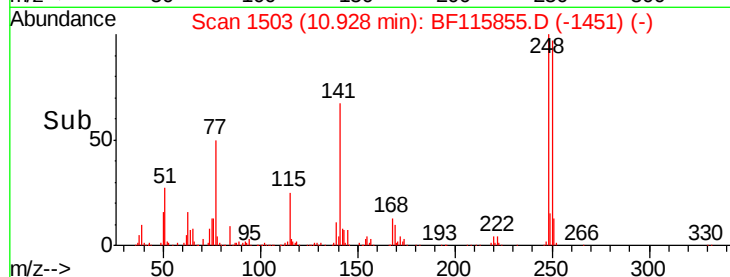
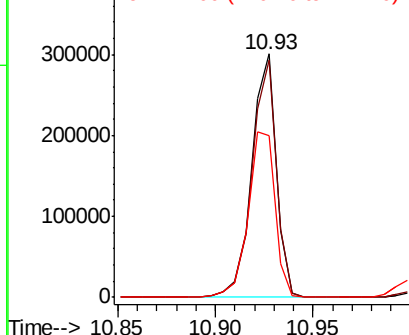


Abundance

Ion 248.00 (247.70 to 248.70): E

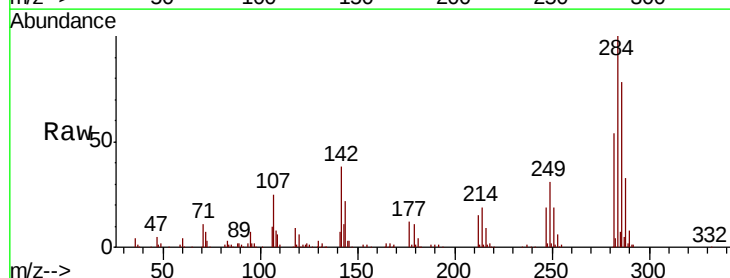
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.616 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	28.2	42.2
249	31.0	24.0	36.0

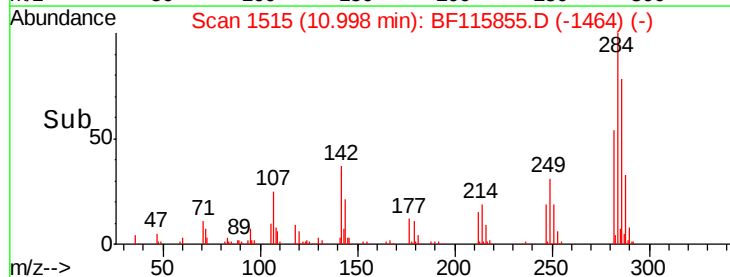
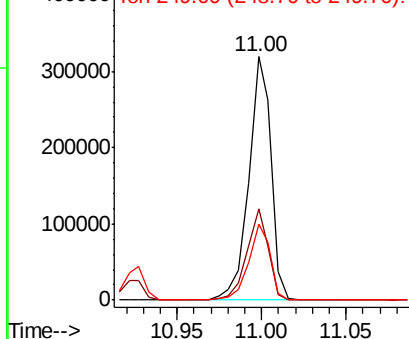


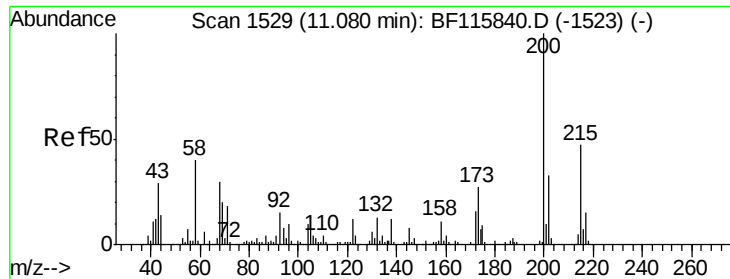
Abundance

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: 45.006 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:200 Resp: 243918

Ion Ratio Lower Upper

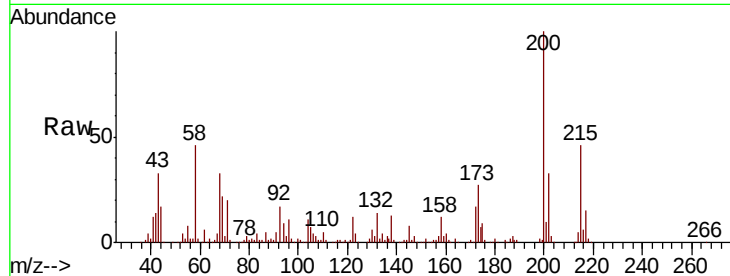
200 100

173 26.9 7.3 47.3

215 46.3 26.9 66.9

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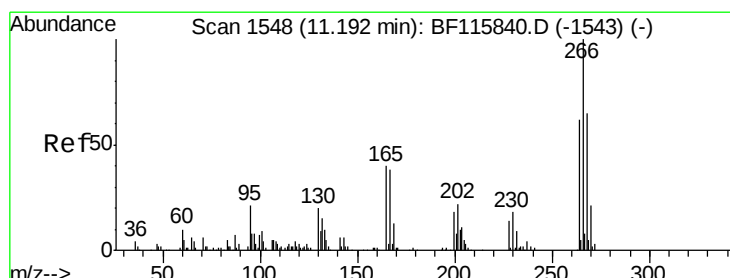
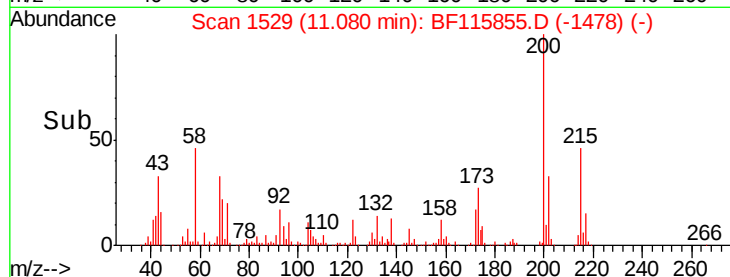
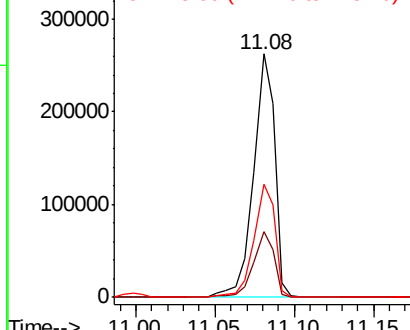


Abundance

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: 98.893 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

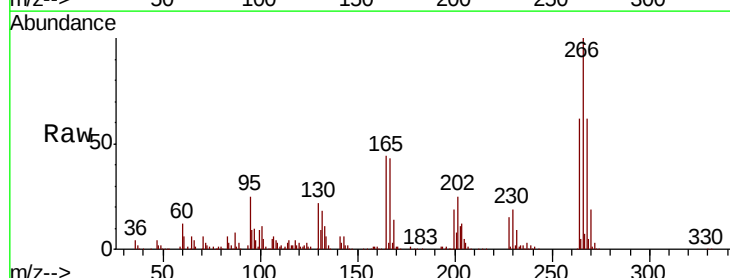
Tgt Ion:266 Resp: 325296

Ion Ratio Lower Upper

266 100

268 62.0 51.6 77.4

264 62.5 49.4 74.0

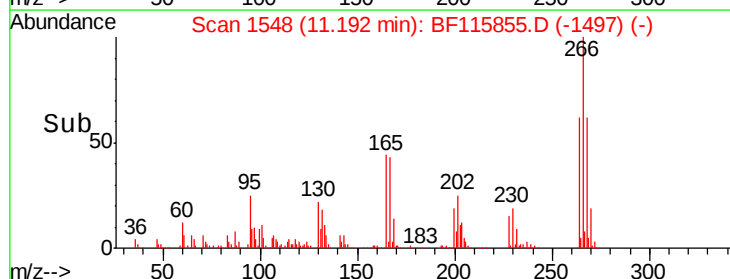
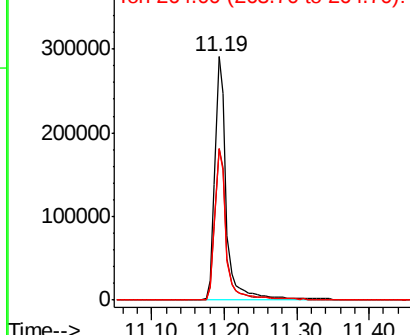


Abundance

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





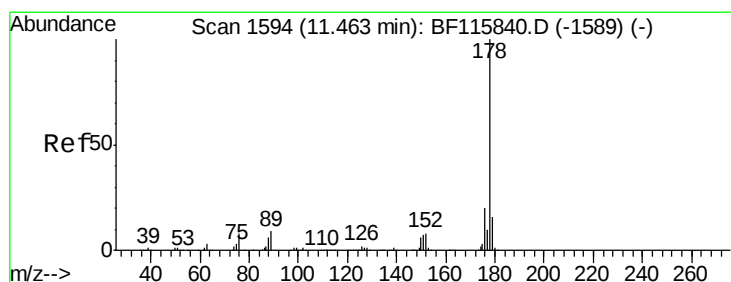
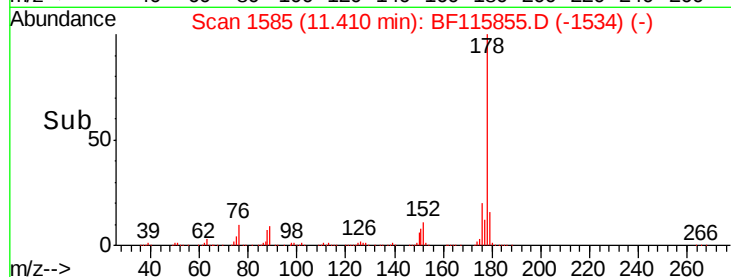
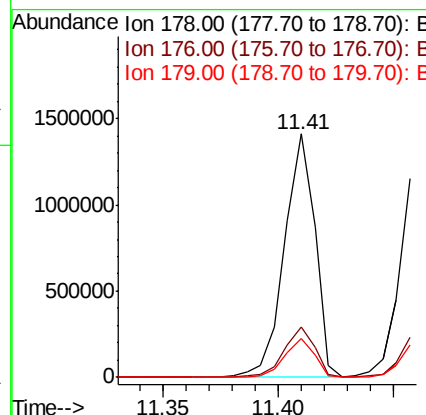
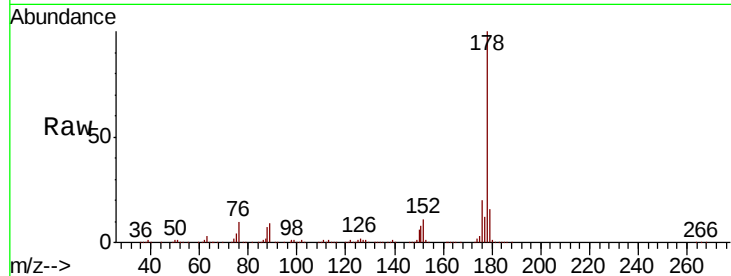
#71
Phenanthrene
Concen: 46.409 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.5	24.7
179	15.8	12.6	18.8

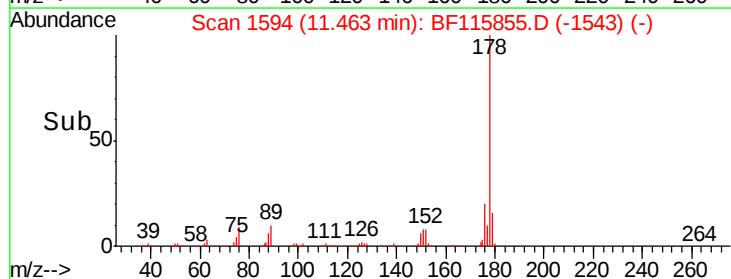
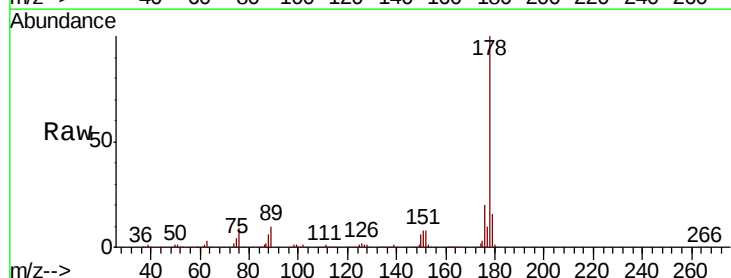
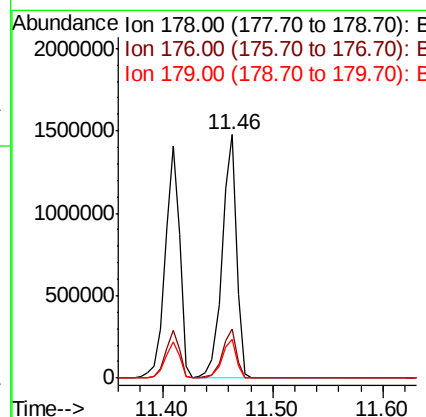
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#72
Anthracene
Concen: 47.200 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.2	12.4	18.6





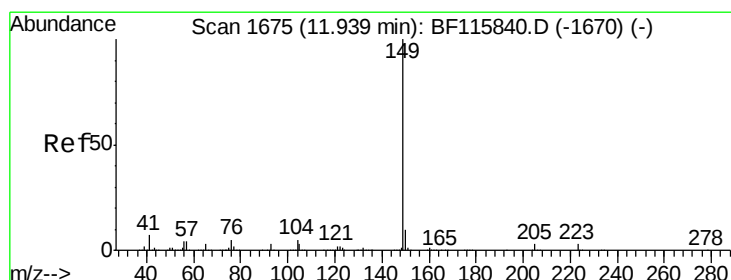
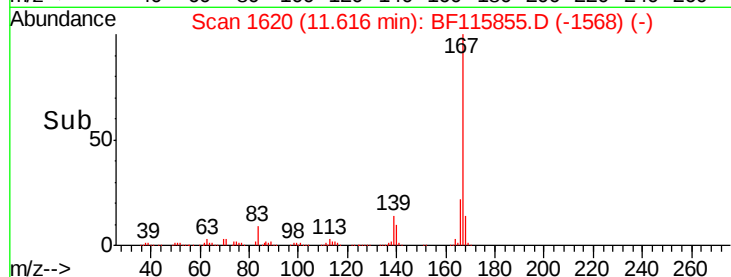
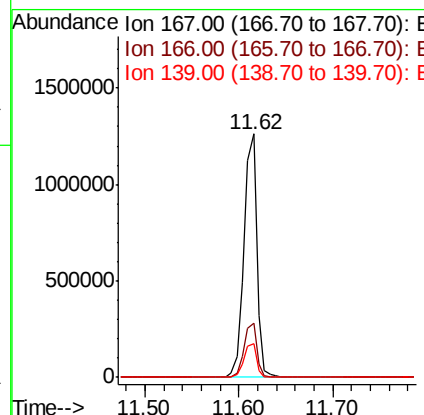
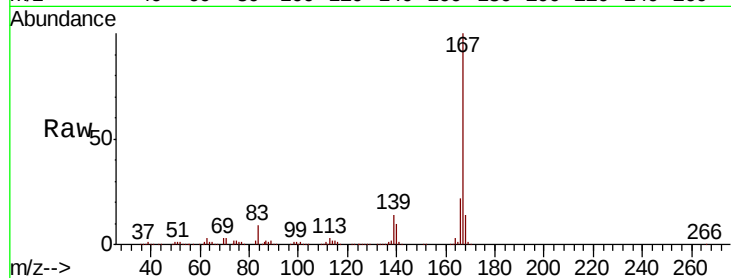
#73
 Carbazole
 Concen: 46.886 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.0	27.0
139	13.7	11.4	17.2

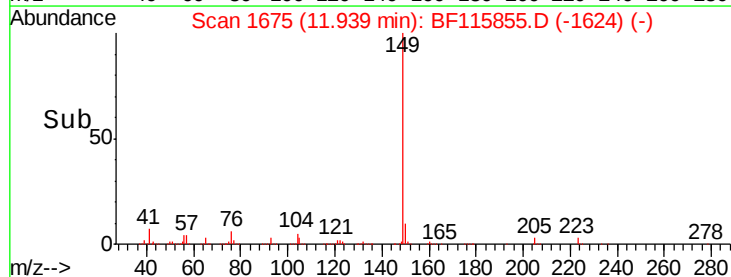
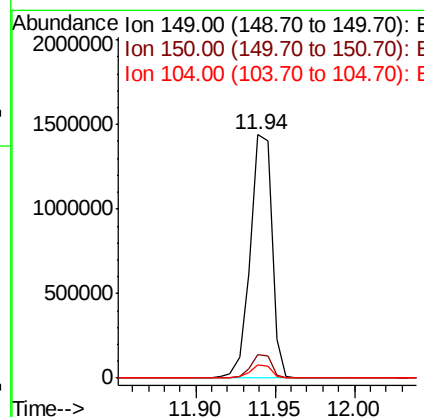
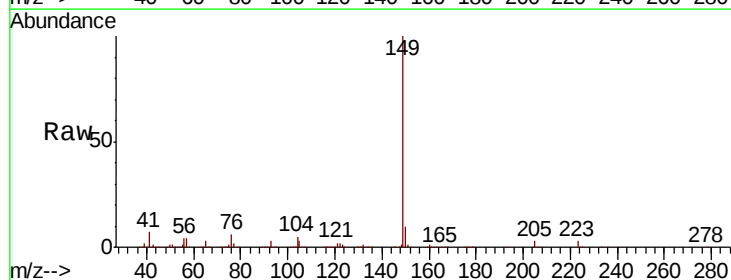
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#74
 Di-n-butylphthalate
 Concen: 45.571 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.3	6.5





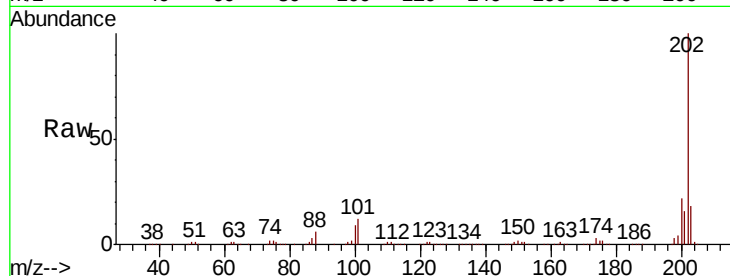
#75
 Fluoranthene
 Concen: 46.903 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	18.0	0.0	37.9

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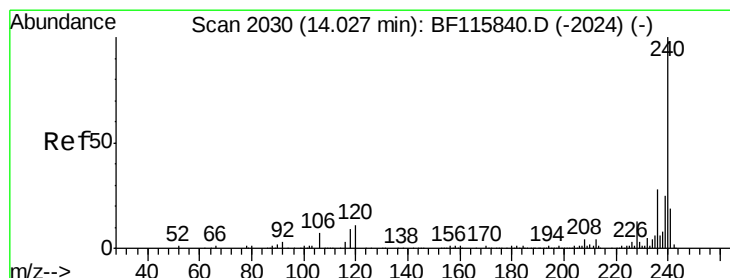
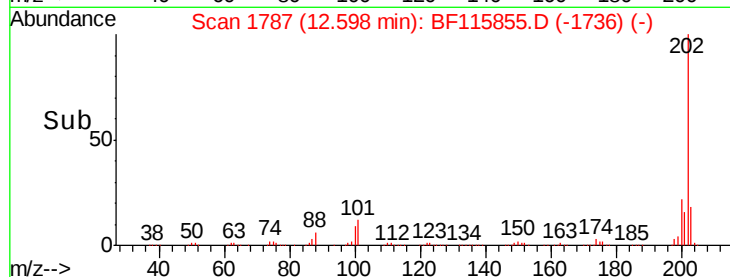
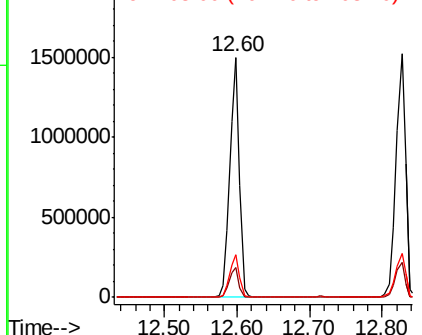


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

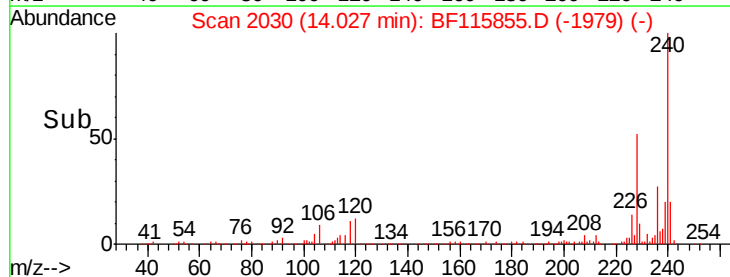
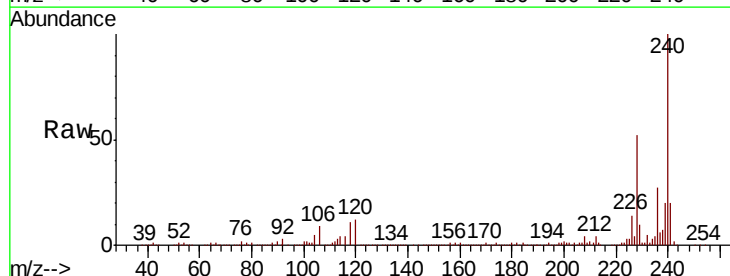
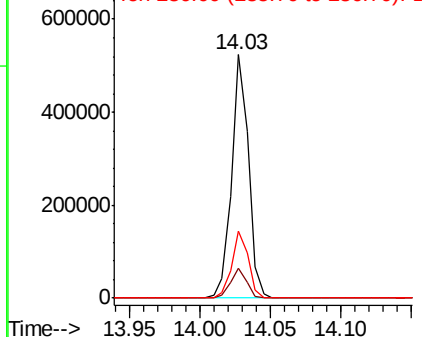
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.5	12.7
236	27.5	22.2	33.2

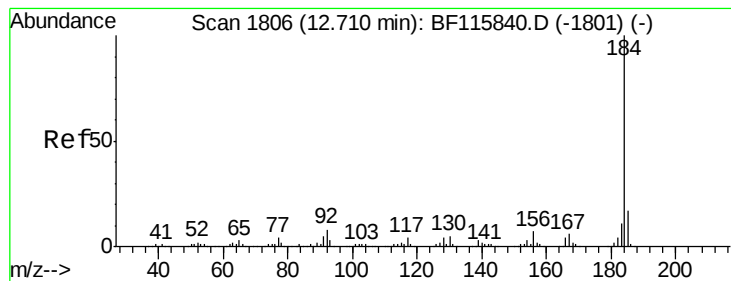
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.621 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:184 Resp: 817368

Ion Ratio Lower Upper

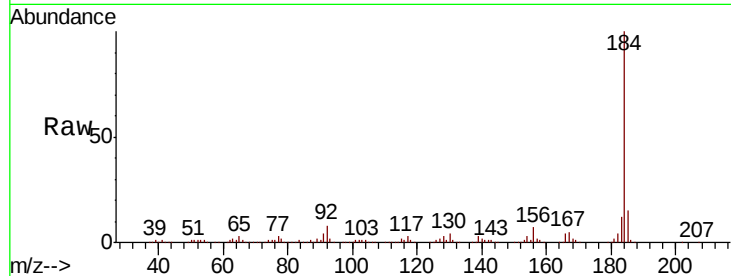
184 100

185 15.5 13.4 20.2

183 11.8 9.1 13.7

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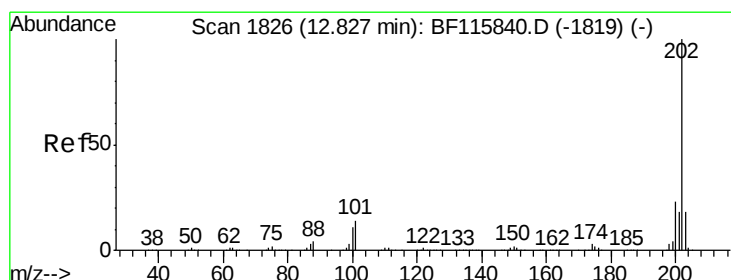
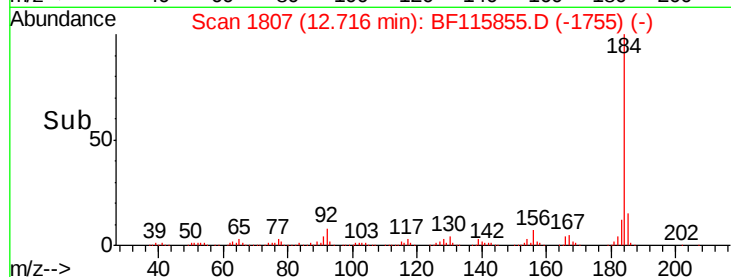
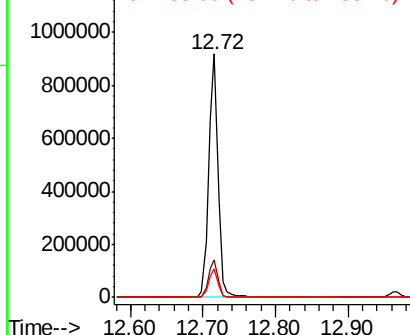


Abundance

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: 43.235 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

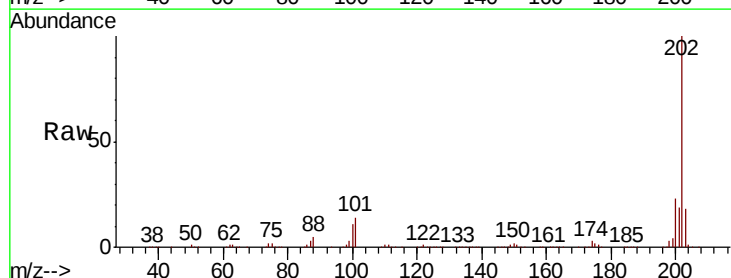
Tgt Ion:202 Resp: 1417636

Ion Ratio Lower Upper

202 100

200 23.0 18.2 27.2

203 18.2 14.3 21.5

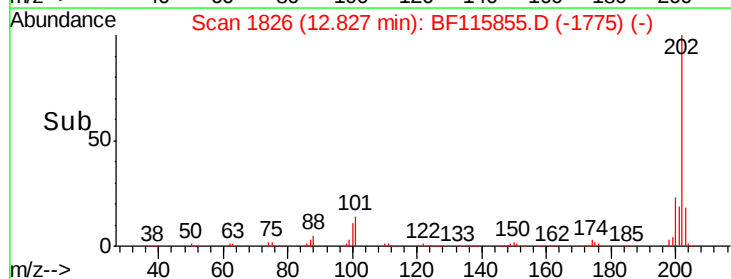
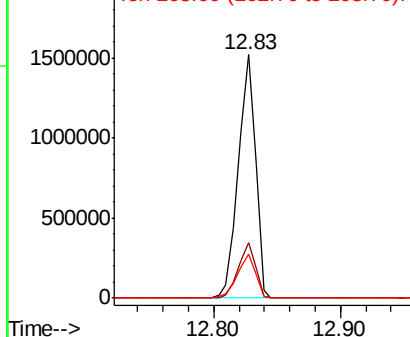


Abundance

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: 80.490 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:244 Resp: 1661523

Ion Ratio Lower Upper

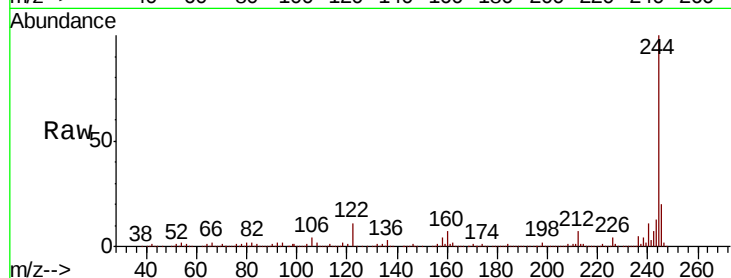
244 100

212 7.1 5.6 8.4

122 11.3 8.6 13.0

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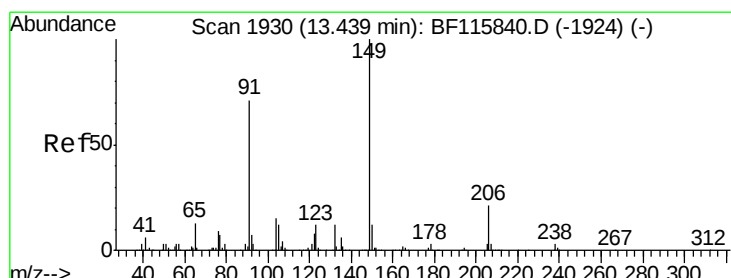
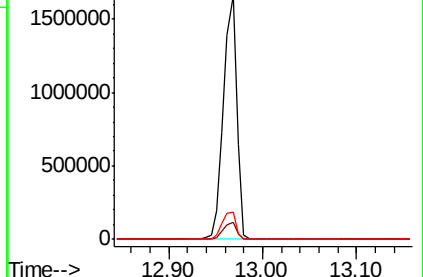
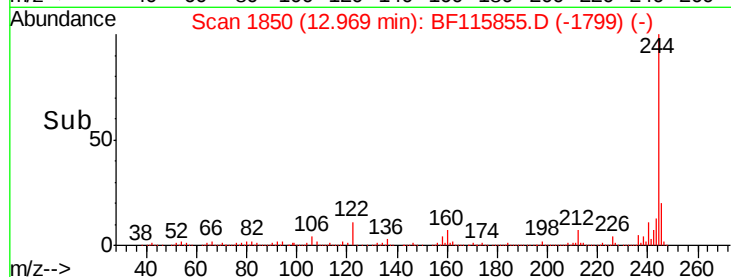
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.780 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

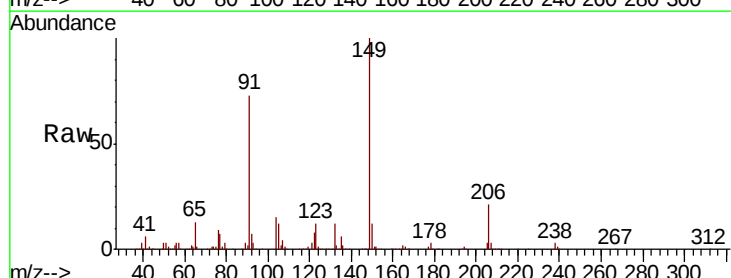
Tgt Ion:149 Resp: 607220

Ion Ratio Lower Upper

149 100

91 72.6 57.0 85.6

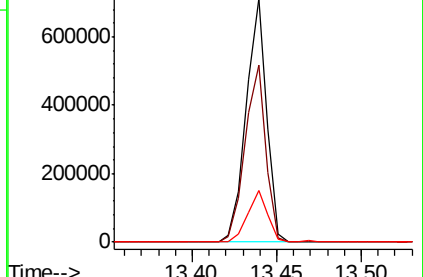
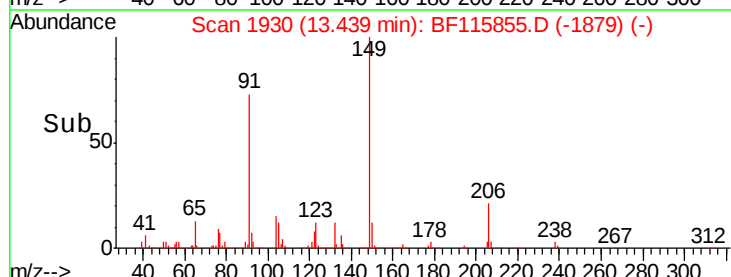
206 21.3 16.9 25.3

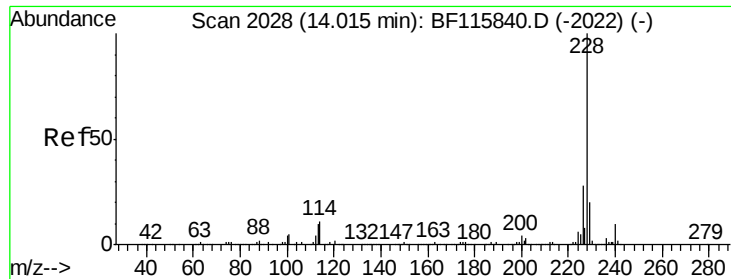


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





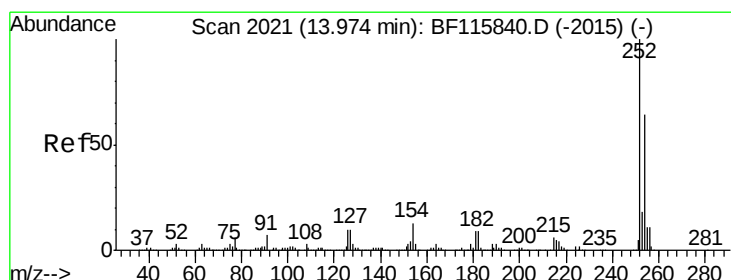
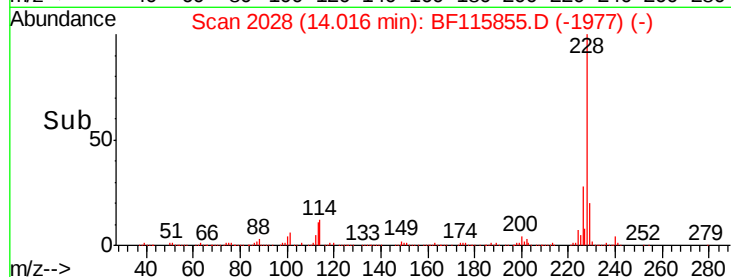
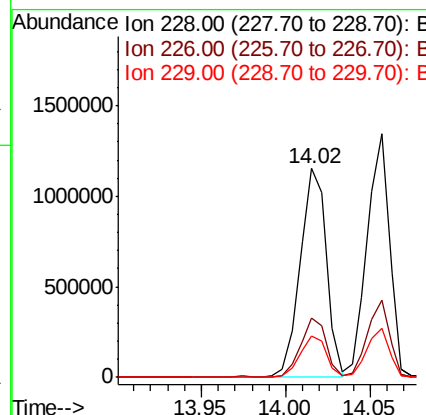
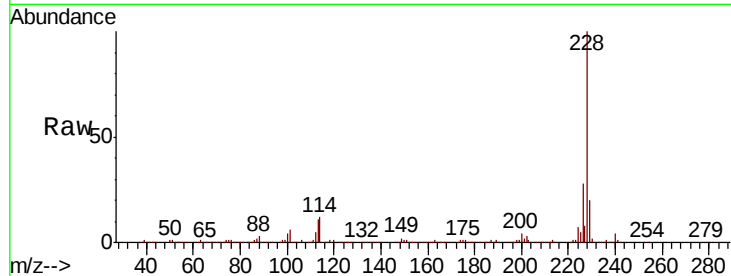
#81
Benzo(a)anthracene
Concen: 44.942 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.1	16.1	24.1

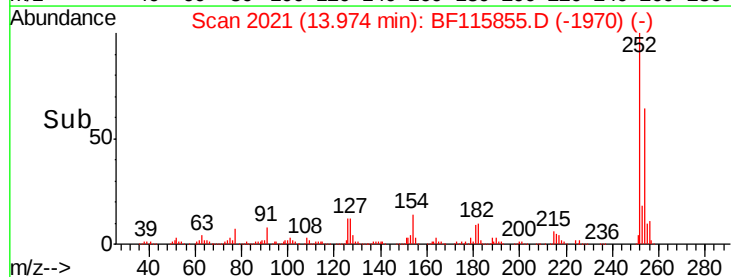
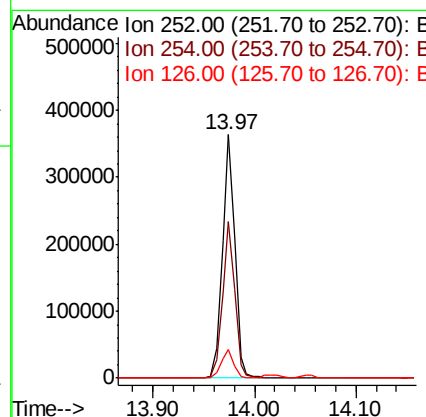
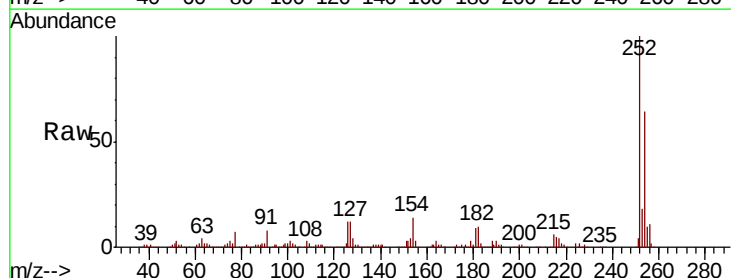
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#82
3,3'-Dichlorobenzidine
Concen: 32.194 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	11.8	8.1	12.1





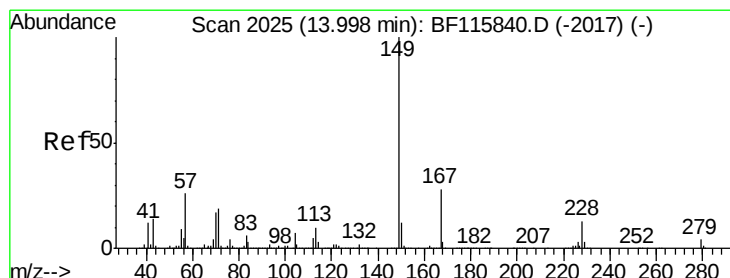
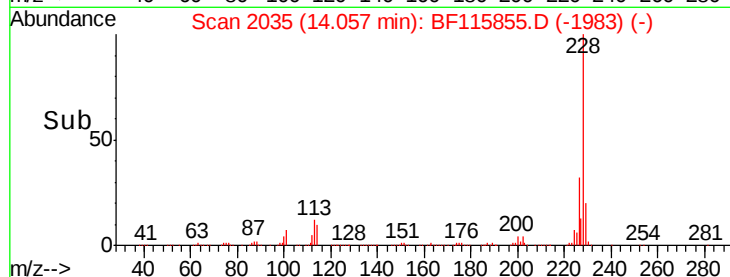
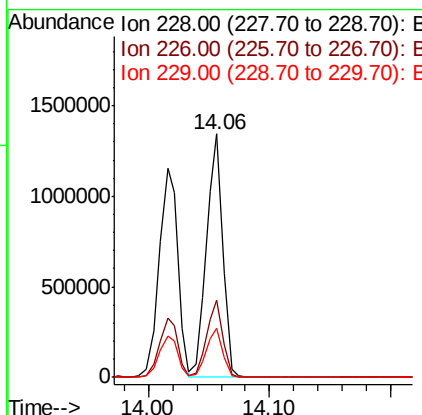
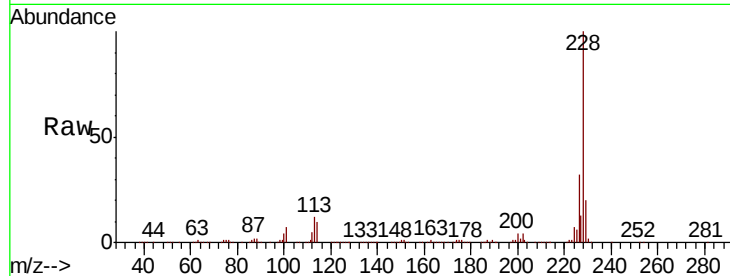
#83
 Chrvsene
 Concen: 46.048 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	20.2	16.4	24.6

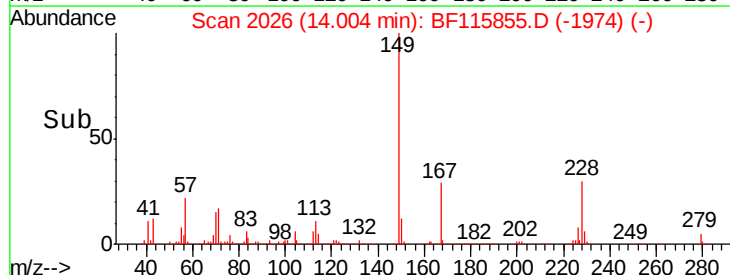
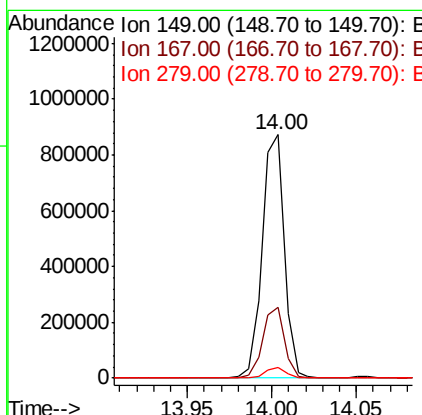
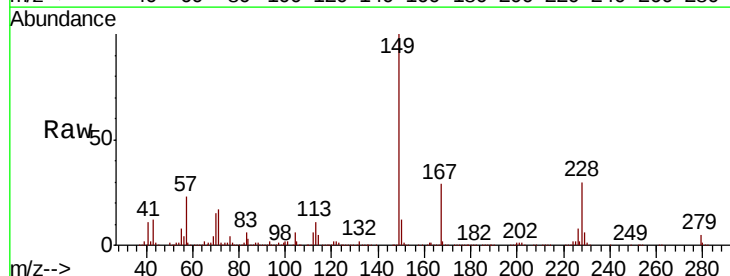
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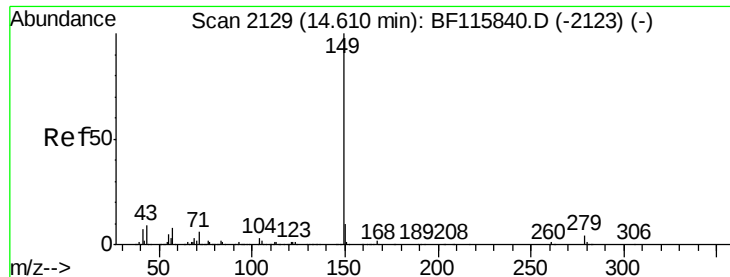
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.318 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF115855.D
 Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.4	33.6
279	4.5	3.3	4.9





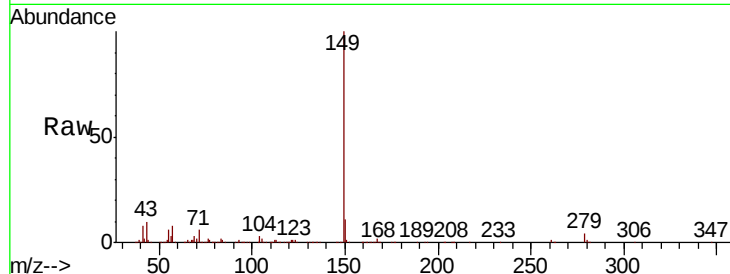
#85
Di-n-octyl phthalate
Concen: 47.493 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

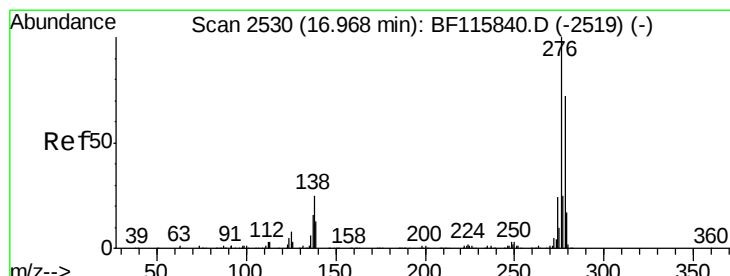
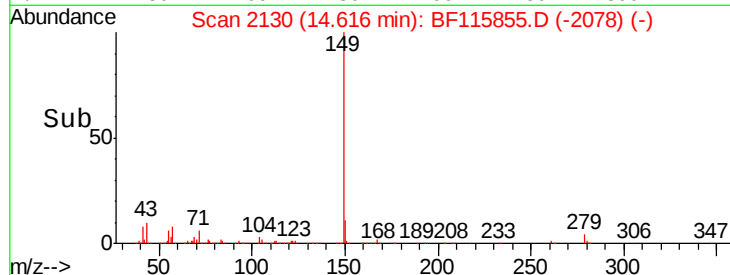
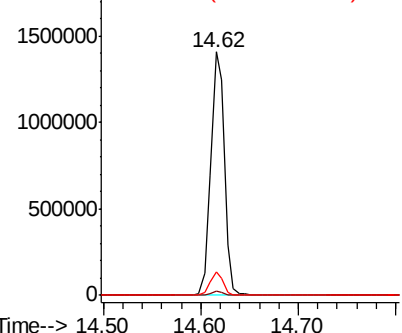
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.4	11.0

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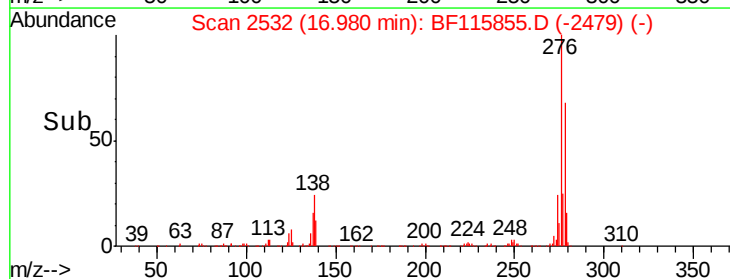
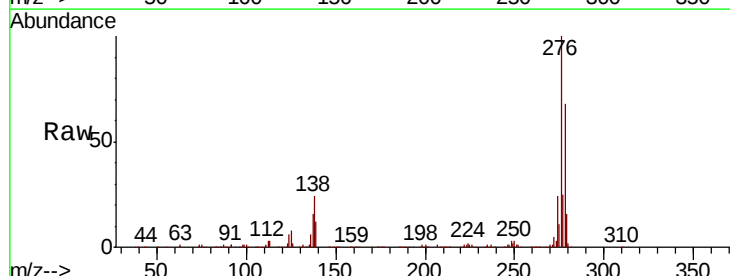
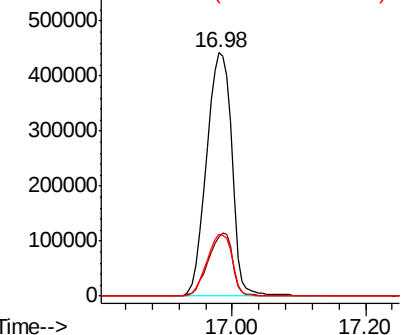
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

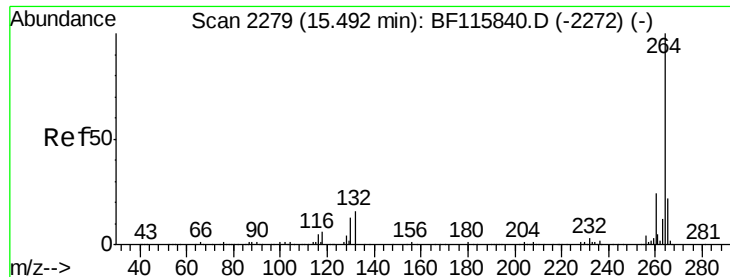


#86
Indeno(1,2,3-cd)pyrene
Concen: 52.593 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	25.5	20.1	30.1

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Instrument :

BNA_F

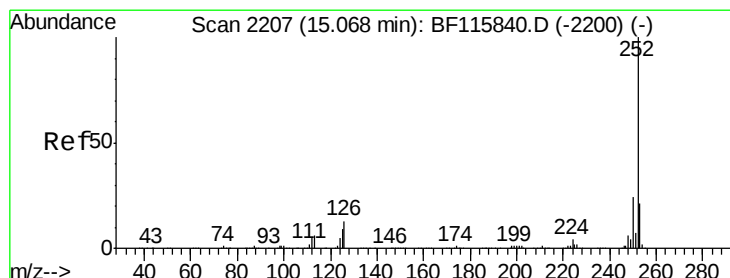
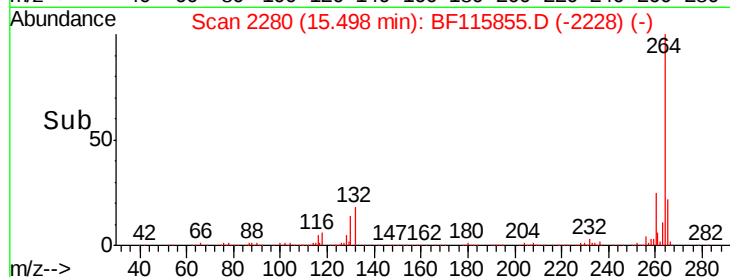
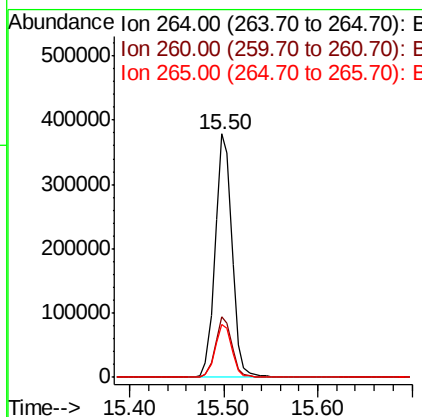
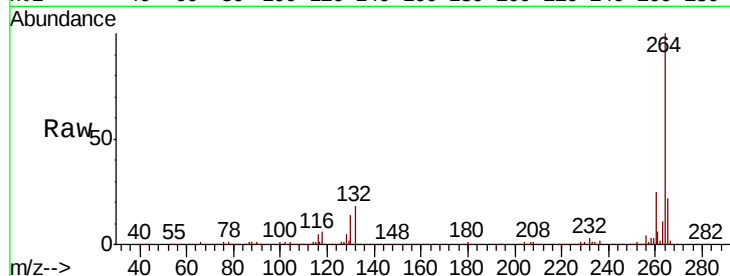
ClientSampleId :

PB121703BS

Tot Ion:	264	Resp:	480203
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	21.8	17.5	26.3

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#88

Benzo(b)fluoranthene

Concen: 43.605 ng

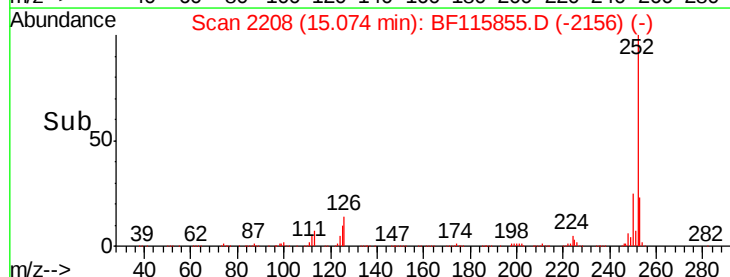
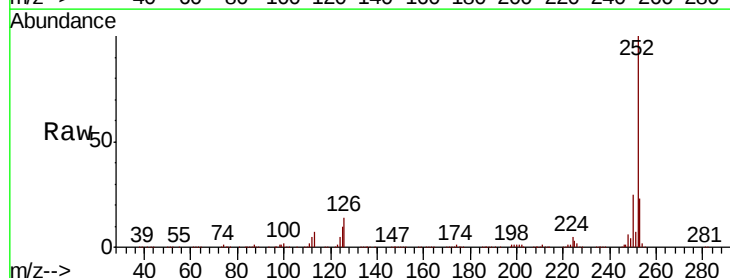
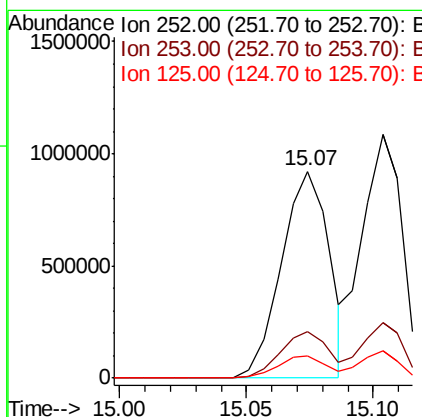
RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF115855.D

Acq: 31 Jul 2019 9:43

Tgt Ion:	252	Resp:	1210740
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	10.4	7.4	11.0





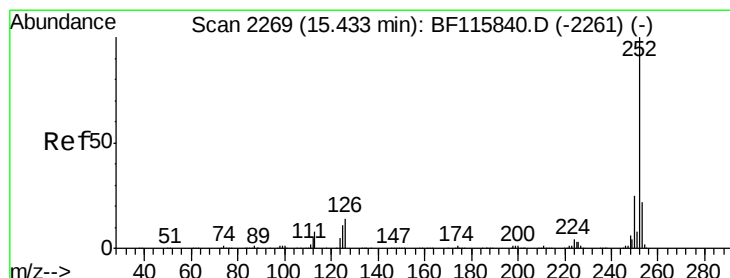
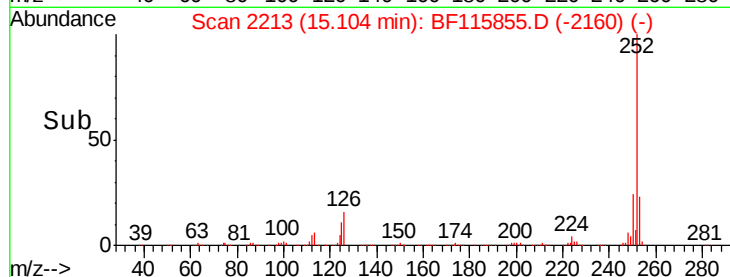
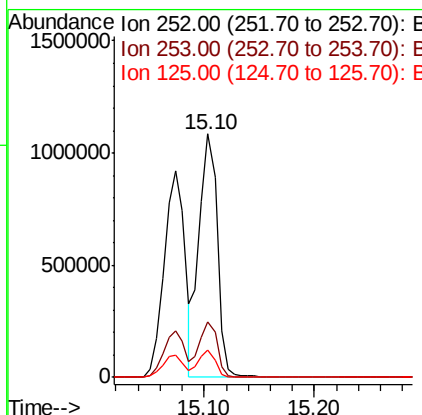
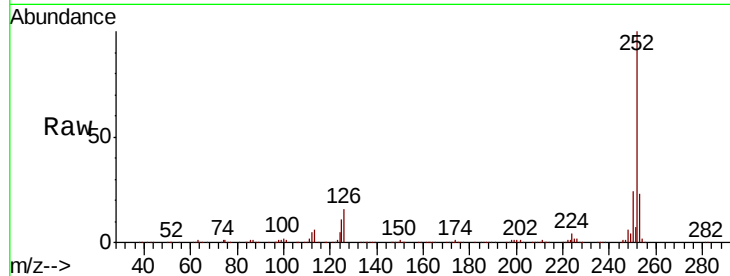
#89
Benzo(k)fluoranthene
Concen: 44.901 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampled :
PB121703BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.0	8.9	13.3

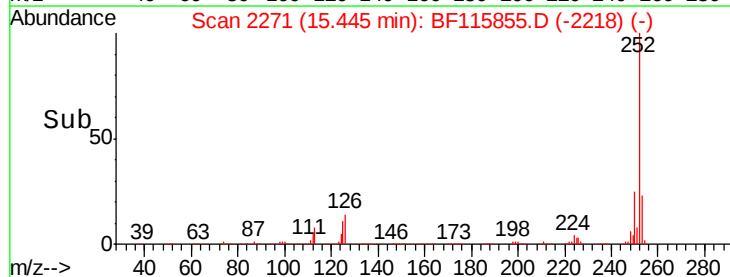
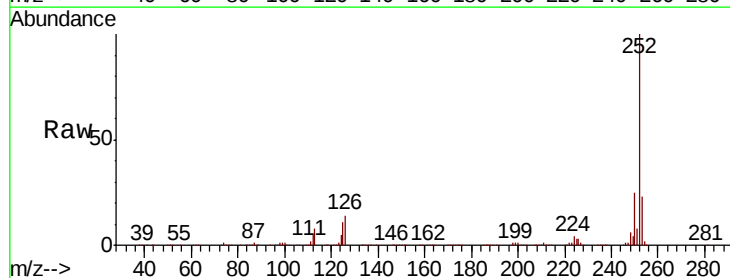
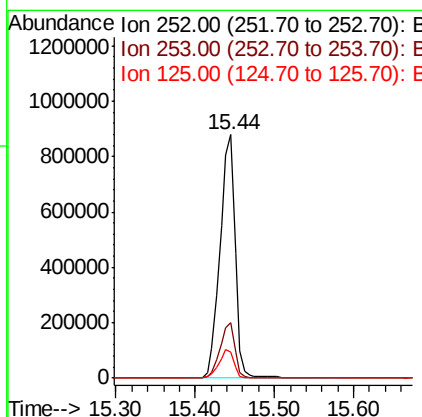
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#90
Benzo(a)pyrene
Concen: 46.943 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.6	8.8	13.2





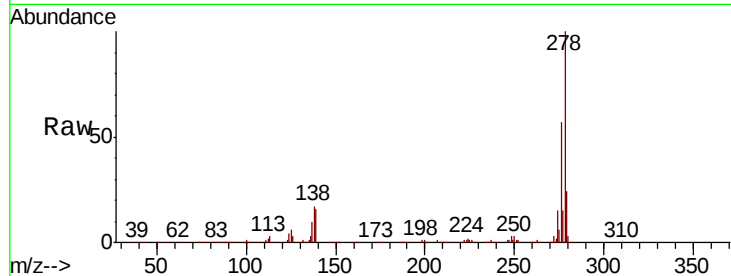
#91
Dibenzo(a,h)anthracene
Concen: 46.523 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	19.0
279	24.0	18.8	28.2

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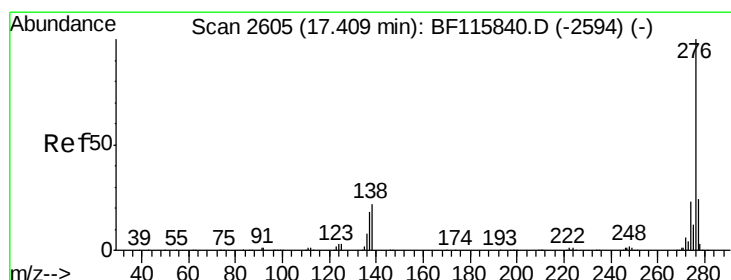
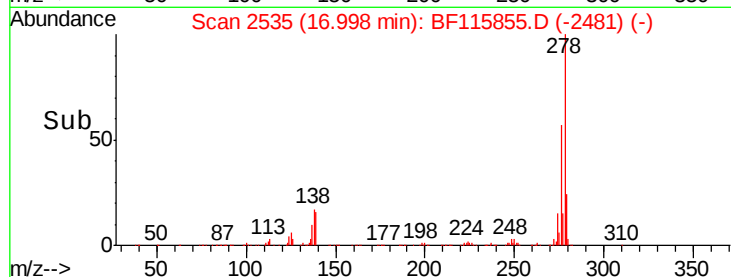
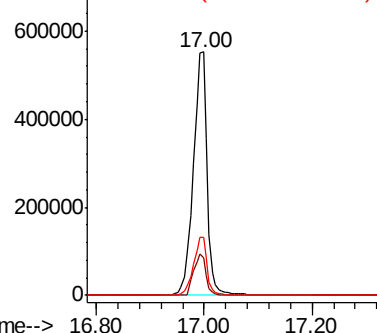


Abundance

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: 45.892 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115855.D
Acq: 31 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	22.1	17.8	26.8

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

