

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115744.D
 Acq On : 24 Jul 2019 10:44
 Operator : HP/JU
 Sample : PB121660BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Manual Integrations
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mohammad
 7/25/2019 2:17:25 PM

Quant Time: Jul 24 16:51:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176838	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	731172	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	376994	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	709096	20.00	ng	0.00
76) Chrysene-d12	14.04	240	490638	20.00	ng	0.00
87) Perylene-d12	15.50	264	349799	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1205967	111.55	ng	0.01
7) Phenol-d6	6.51	99	1560834	113.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	991880	78.88	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	456229	103.68	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1772643	82.30	ng	0.00
79) Terphenyl-d14	12.98	244	1928106	72.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	196340	36.408	ng	98
3) Pyridine	3.50	79	430934	29.453	ng	99
4) n-Nitrosodimethylamine	3.45	42	211892	39.921	ng	97
6) Aniline	6.53	93	469343	24.585	ng	93
8) 2-Chlorophenol	6.66	128	489882	39.412	ng	97
9) Benzaldehyde	6.42	77	165303	19.283	ng	96
10) Phenol	6.52	94	613093	38.499	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	466494	38.476	ng	98
12) 1,3-Dichlorobenzene	6.82	146	494233	35.365	ng	99
13) 1,4-Dichlorobenzene	6.89	146	507026	36.363	ng	99
14) 1,2-Dichlorobenzene	7.05	146	472945	37.105	ng	99
15) Benzyl Alcohol	7.02	79	424232	38.984	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	638317	39.989	ng	98
17) 2-Methylphenol	7.13	107	433562	40.475	ng	99
18) Hexachloroethane	7.39	117	186458	36.028	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	341062	38.122	ng	96
20) 3+4-Methylphenols	7.28	107	497379	39.091	ng	97
22) Acetophenone	7.28	105	665558	40.292	ng	# 93
24) Nitrobenzene	7.46	77	549255	40.497	ng	98
25) Isophorone	7.70	82	1005565	39.964	ng	100
26) 2-Nitrophenol	7.77	139	279494	40.036	ng	92
27) 2,4-Dimethylphenol	7.81	122	447522	42.845	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	614866	39.832	ng	99
29) 2,4-Dichlorophenol	8.02	162	440049	40.509	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	465735	37.928	ng	99
31) Naphthalene	8.18	128	1426719	40.290	ng	100
32) Benzoic acid	7.95	122	321171	37.467	ng	94
33) 4-Chloroaniline	8.22	127	396343	25.269	ng	98
34) Hexachlorobutadiene	8.30	225	262057	37.215	ng	97
35) Caprolactam	8.60	113	136902m	40.783	ng	
36) 4-Chloro-3-methylphenol	8.71	107	461985	40.999	ng	99
37) 2-Methylnaphthalene	8.87	142	968464	41.259	ng	100
38) 1-Methylnaphthalene	8.97	142	909391	40.788	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	444430	39.148	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	282846	43.676	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	305085	36.748	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	326606	38.414	nq	97
46) 1,1'-Biphenyl	9.33	154	1169838	39.692	nq	100
47) 2-Chloronaphthalene	9.36	162	929721	37.885	nq	97
48) 2-Nitroaniline	9.45	65	292187	38.467	nq	98
49) Acenaphthylene	9.77	152	1399295	38.481	nq	100
50) Dimethylphthalate	9.63	163	1109664	39.122	nq	100
51) 2,6-Dinitrotoluene	9.69	165	248088	38.488	nq #	84
52) Acenaphthene	9.95	154	844739	35.982	nq	100
53) 3-Nitroaniline	9.86	138	195070	26.482	nq	97
54) 2,4-Dinitrophenol	9.97	184	246767	74.565	nq	96
55) Dibenzofuran	10.12	168	1270166	38.097	nq	100
56) 4-Nitrophenol	10.03	139	386529	68.814	nq	96
57) 2,4-Dinitrotoluene	10.10	165	331109	39.649	nq	99
58) Fluorene	10.46	166	942624	39.549	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	283073	39.828	nq	99
60) Diethylphthalate	10.33	149	1051051	39.549	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	486400	36.800	nq	98
62) 4-Nitroaniline	10.48	138	252871	35.789	nq	99
63) Azobenzene	10.61	77	1068344	41.445	nq	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	164032	37.862	nq	100
66) n-Nitrosodiphenylamine	10.57	169	874488	39.646	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	305702	37.726	nq	99
68) Hexachlorobenzene	11.02	284	344968	37.278	nq	99
69) Atrazine	11.09	200	230162	31.808	nq	97
70) Pentachlorophenol	11.21	266	375494	66.343	nq	99
71) Phenanthrene	11.42	178	1414103	38.905	nq	99
72) Anthracene	11.47	178	1441814	38.383	nq	99
73) Carbazole	11.63	167	1285499	39.025	nq	99
74) Di-n-butylphthalate	11.95	149	1627391	40.108	nq	99
75) Fluoranthene	12.61	202	1489620	38.782	nq	97
77) Benzidine	12.72	184	258025	14.845	nq	99
78) Pyrene	12.84	202	1523073	36.640	nq	100
80) Butylbenzylphthalate	13.45	149	703813	39.717	nq	98
81) Benzo(a)anthracene	14.03	228	1254244	38.803	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	401144	34.910	nq	99
83) Chrysene	14.06	228	1246423	38.413	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	969220	44.156	nq	100
85) Di-n-octyl phthalate	14.62	149	1564572	44.799	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1050827	38.118	nq	99
88) Benzo(b)fluoranthene	15.08	252	1188134	52.749	nq	99
89) Benzo(k)fluoranthene	15.11	252	1066585	53.113	nq	99
90) Benzo(a)pyrene	15.44	252	1024445	52.917	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	892560	52.517	nq	99
92) Benzo(g,h,i)perylene	17.43	276	848885	50.082	nq	99

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

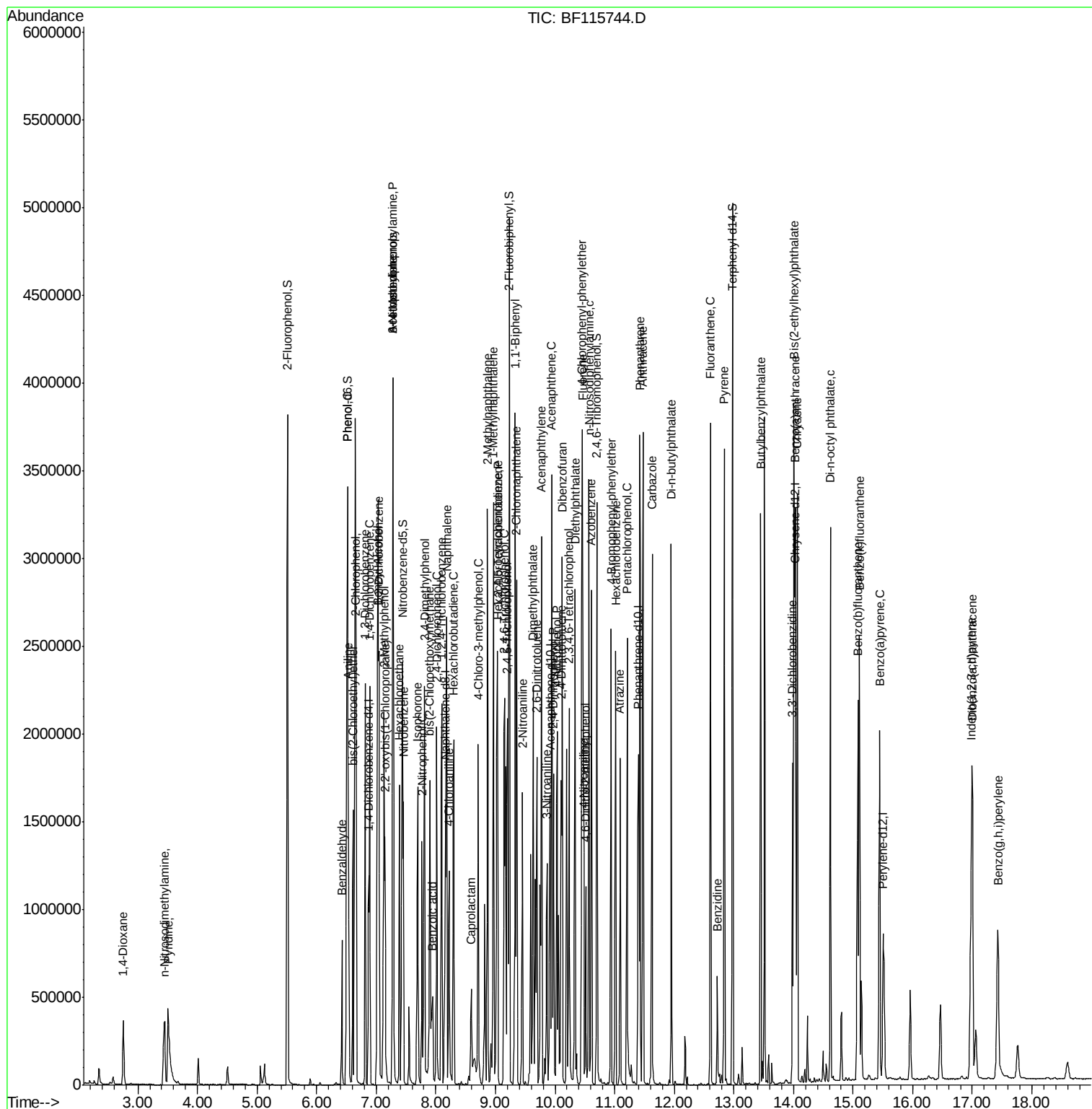
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
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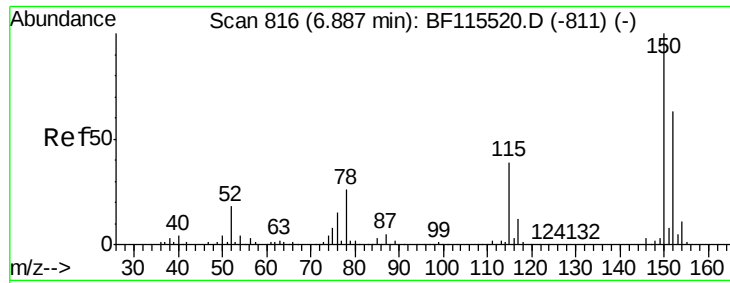
Instrument :
 BNA_F
 ClientSampleID :
 PB121660BS

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#1

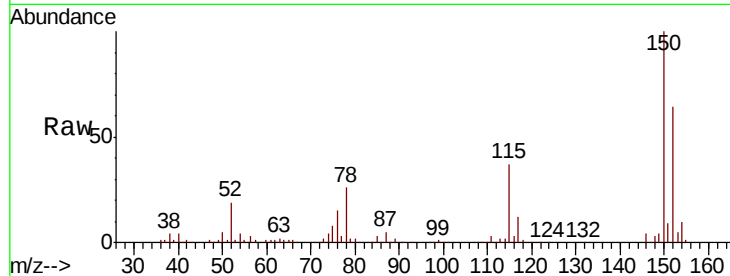
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.8	184.2
115	57.8	48.2	72.2

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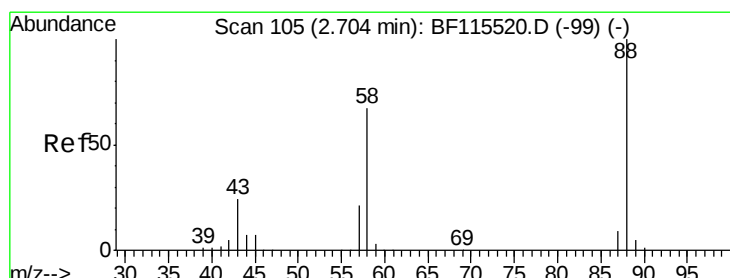
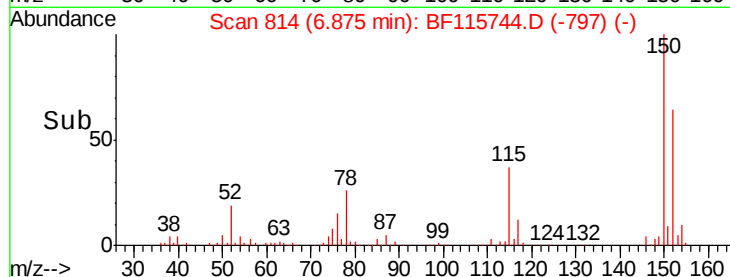
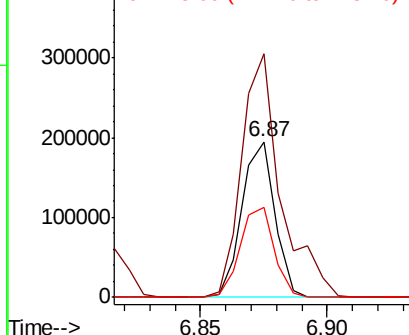


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.408 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.11 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

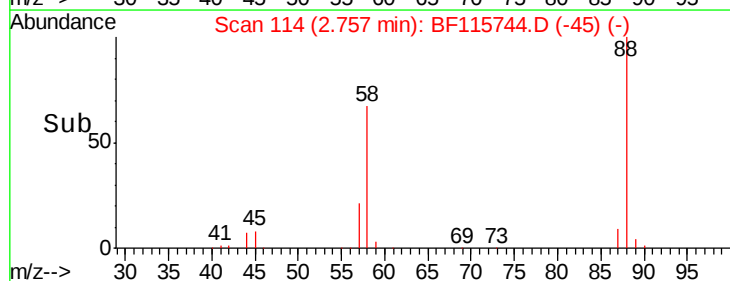
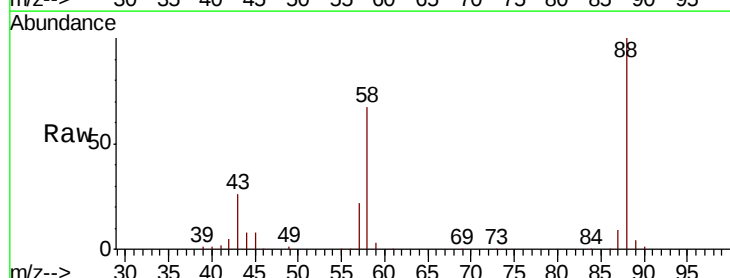
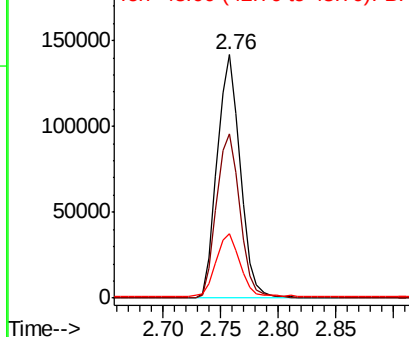
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	53.8	80.6
43	26.3	20.5	30.7

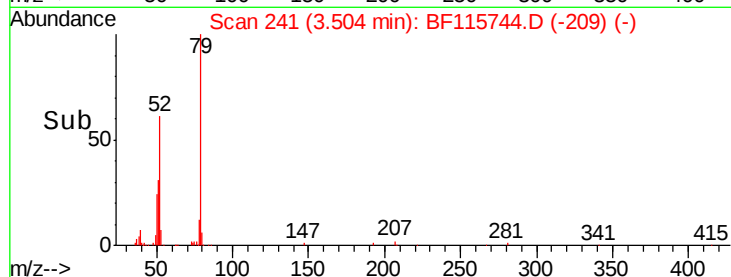
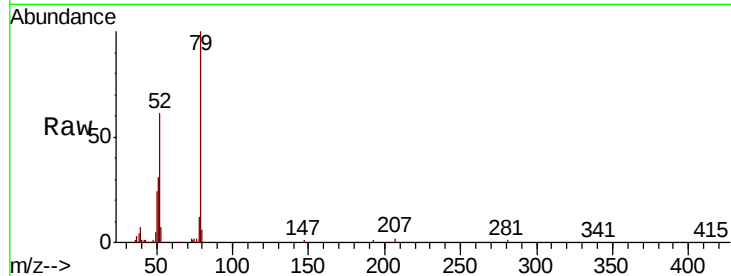
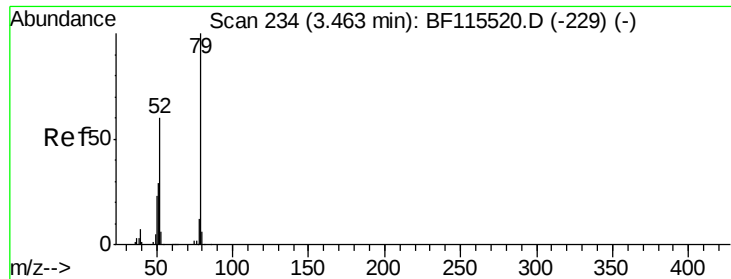
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





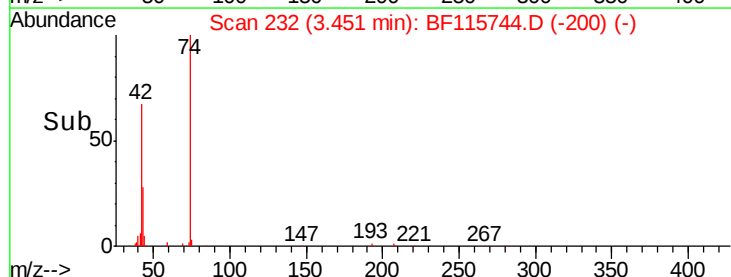
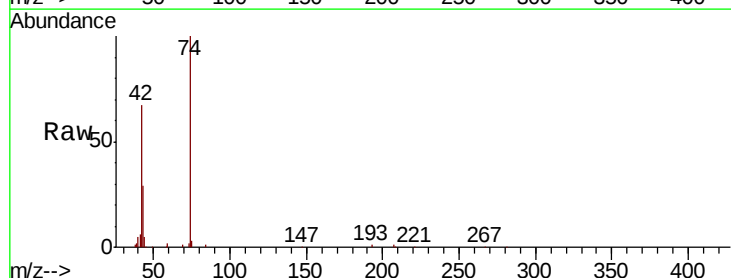
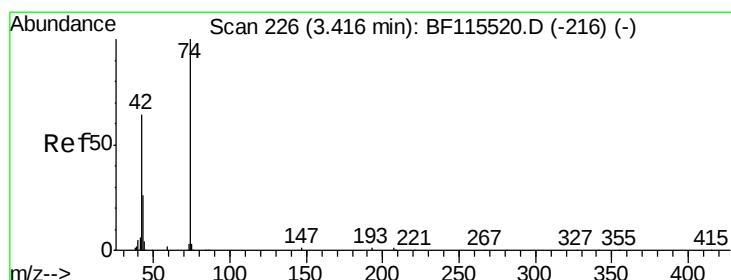
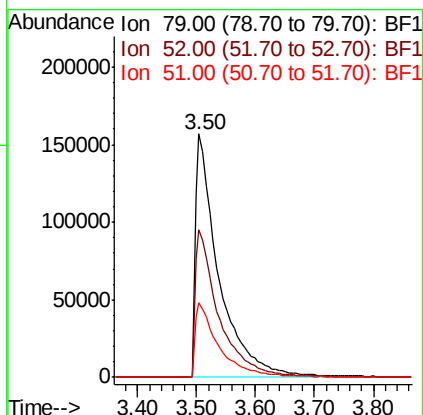
#3
Pvridine
Concen: 29.453 ng
RT: 3.50 min Scan# 241
Delta R.T. 0.09 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	47.9	71.9
51	30.7	24.4	36.6

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ClientSampleId :
PB121660BS

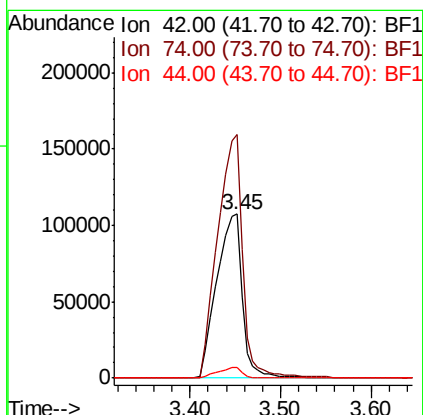
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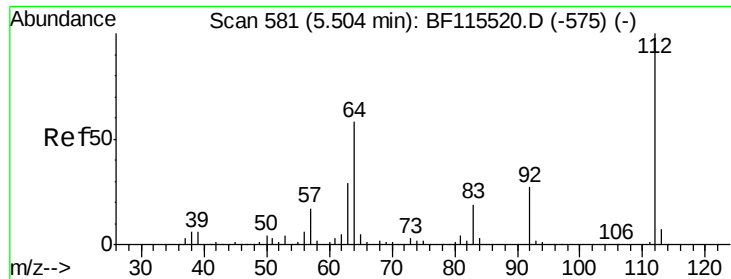
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#4
n-Nitrosodimethylamine
Concen: 39.921 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.09 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.6	115.5	173.3
44	6.8	5.0	7.4





#5

2-Fluorophenol

Concen: 111.549 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

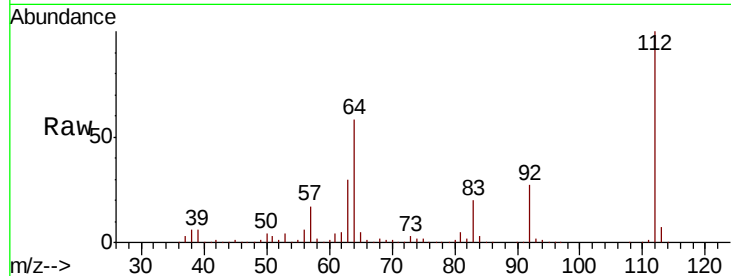
ClientSampleId :

PB121660BS

Tot Ion:	112	Resp:	1205967
Ion	Ratio	Lower	Upper
112	100		
64	58.2	43.8	65.8
63	30.0	22.5	33.7

Manual Integrations
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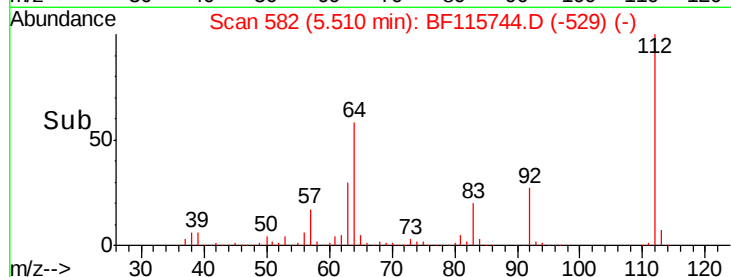


Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)

Time-->

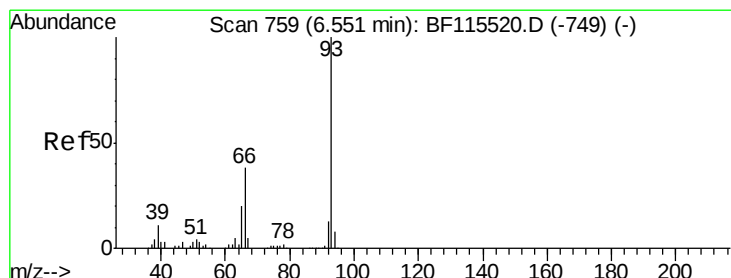


Abundance Ion 112.00 (111.70 to 112.70): BF115744.D (-529) (-)

Ion 64.00 (63.70 to 64.70): BF115744.D (-529) (-)

Ion 63.00 (62.70 to 63.70): BF115744.D (-529) (-)

Time-->



#6

Aniline

Concen: 24.585 ng

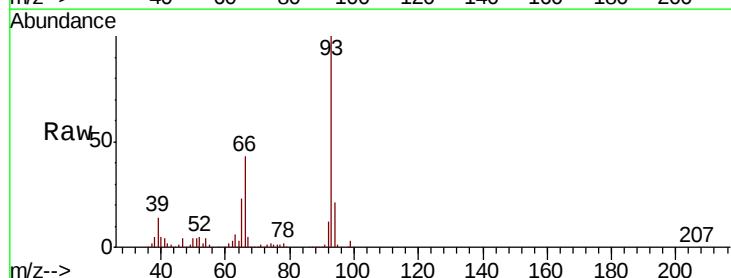
RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:	93	Resp:	469343
Ion	Ratio	Lower	Upper
93	100		
66	42.9	30.9	46.3
65	22.9	15.8	23.8

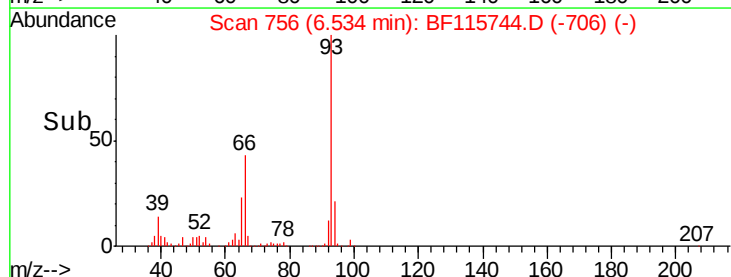


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)

Time-->

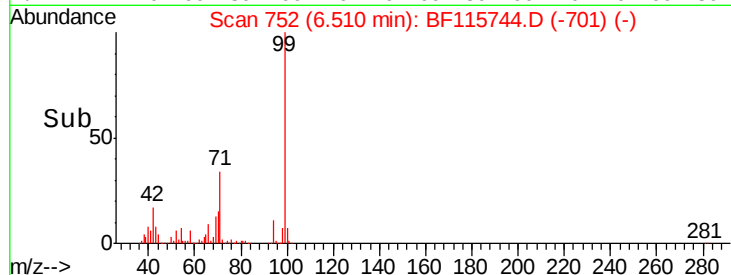
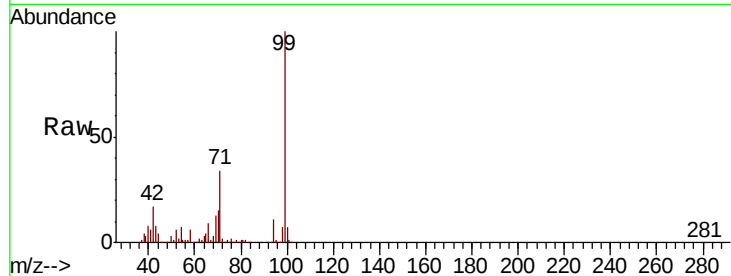
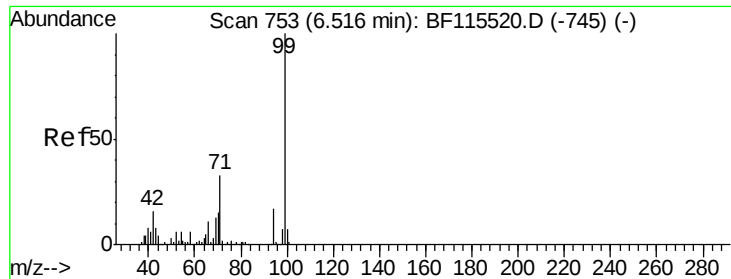


Abundance Ion 93.00 (92.70 to 93.70): BF115744.D (-706) (-)

Ion 66.00 (65.70 to 66.70): BF115744.D (-706) (-)

Ion 65.00 (64.70 to 65.70): BF115744.D (-706) (-)

Time-->



#7

Phenol-d6

Concen: 113.780 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tot Ion: 99 Resp: 1560834

Ion Ratio Lower Upper

99 100

42 16.8 13.0 19.4

71 34.2 25.9 38.9

Instrument :

BNA_F

ClientSampleId :

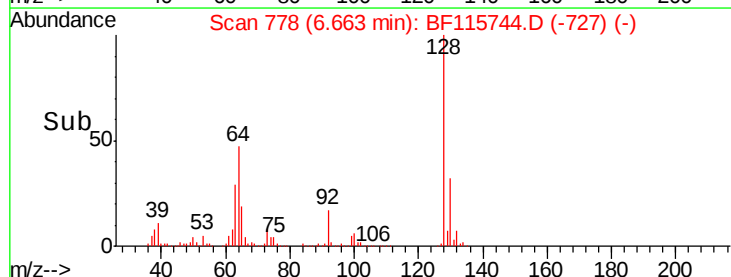
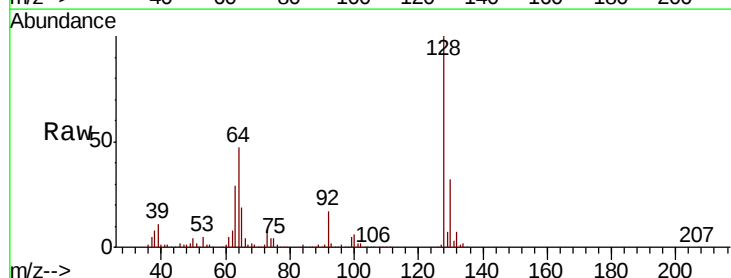
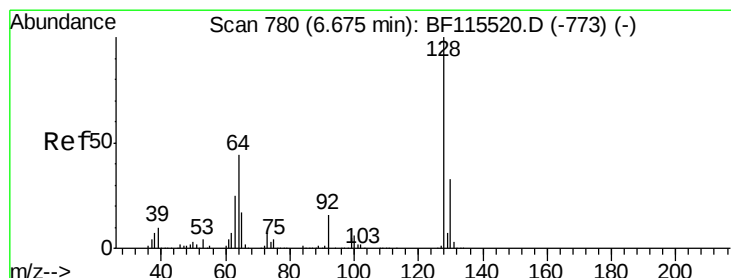
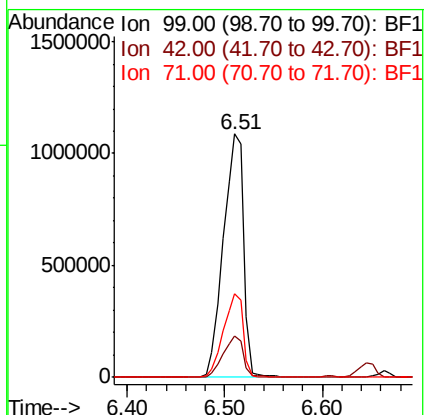
PB121660BS

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#8

2-Chlorophenol

Concen: 39.412 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

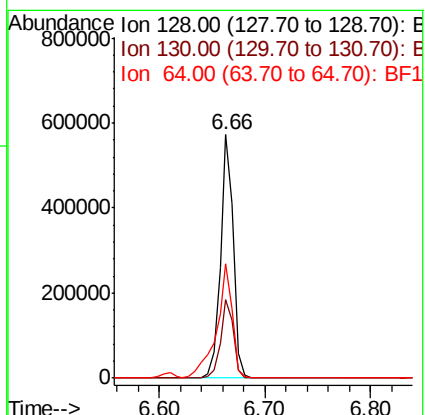
Tgt Ion:128 Resp: 489882

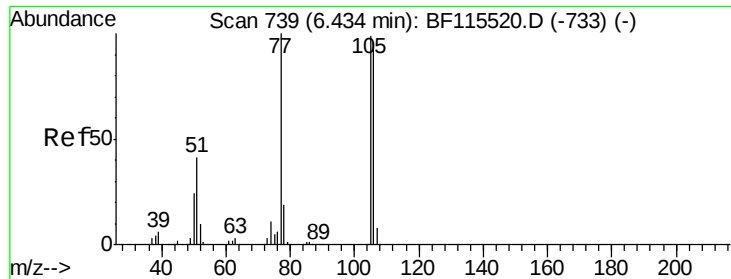
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 47.1 24.4 64.4





#9

Benzaldehyde

Concen: 19.283 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

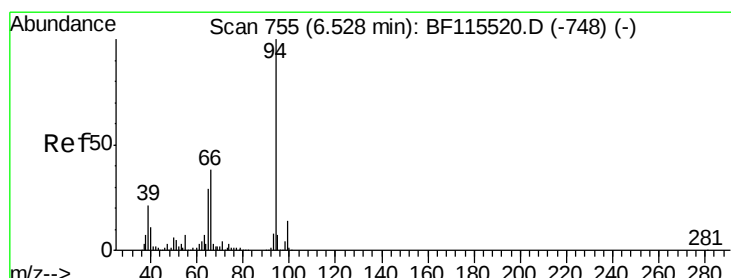
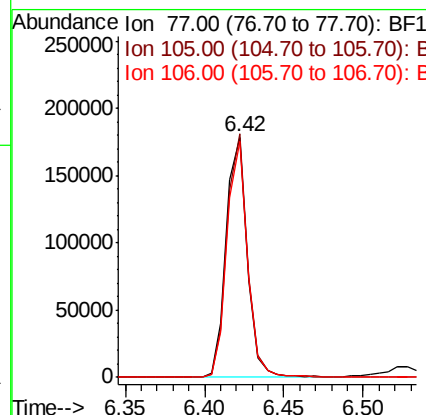
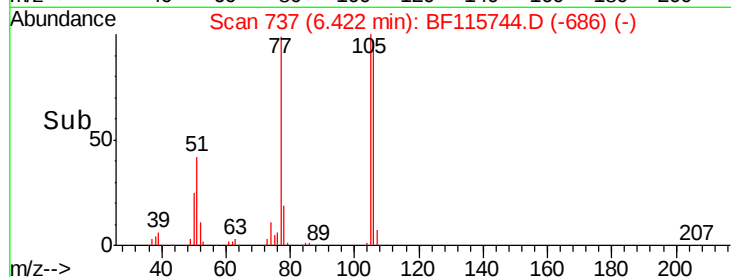
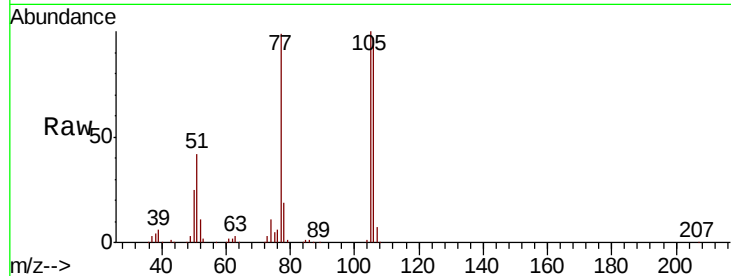
ClientSampleId :

PB121660BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	77.6	117.6
106	98.3	73.9	113.9

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#10

Phenol

Concen: 38.499 ng

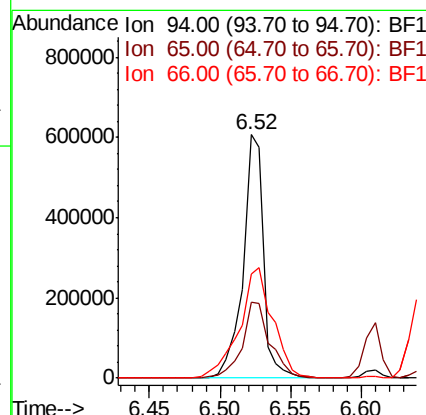
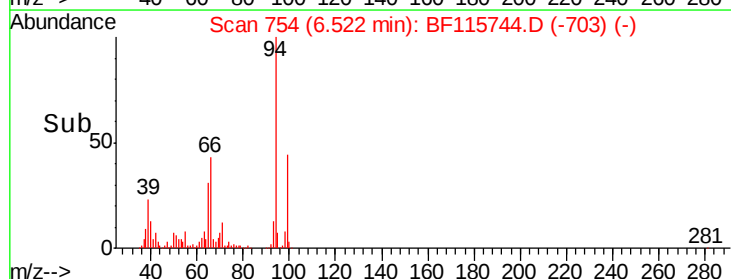
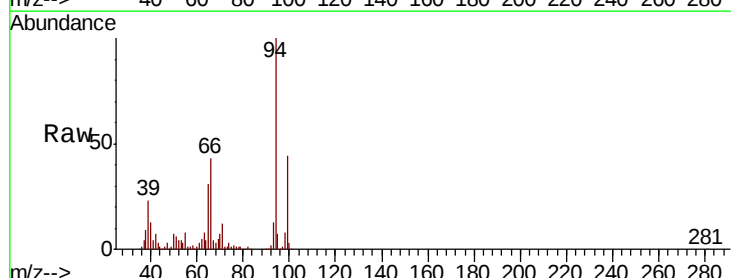
RT: 6.52 min Scan# 754

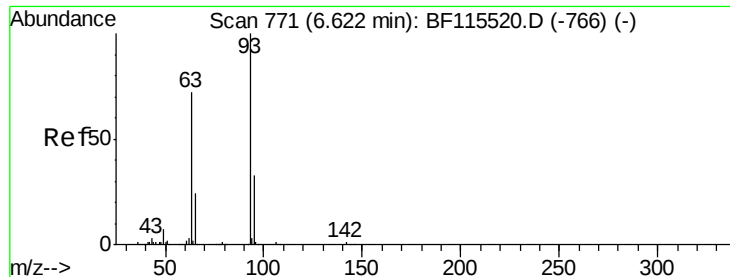
Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.2	50.2
66	42.8	21.7	61.7





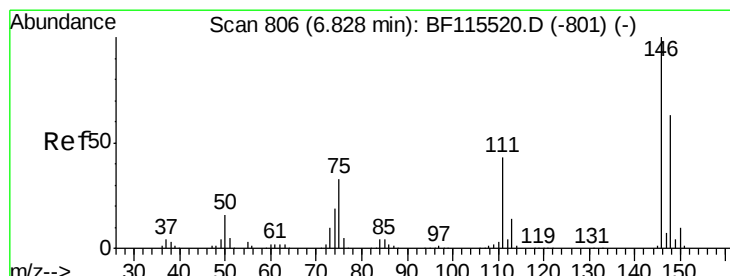
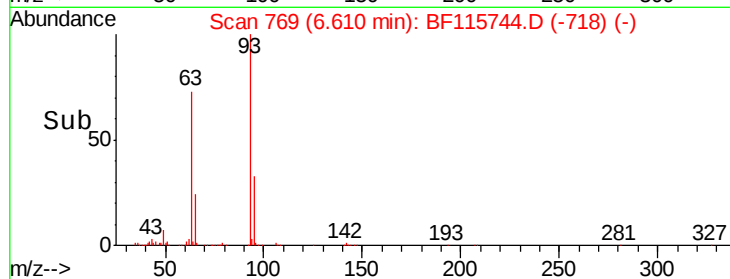
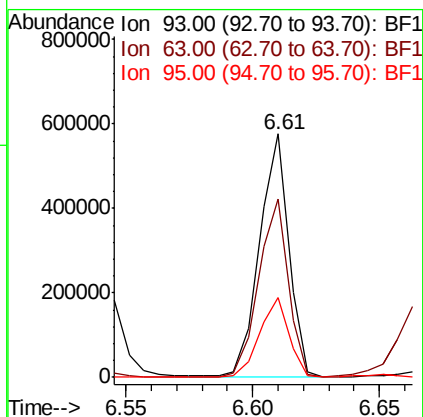
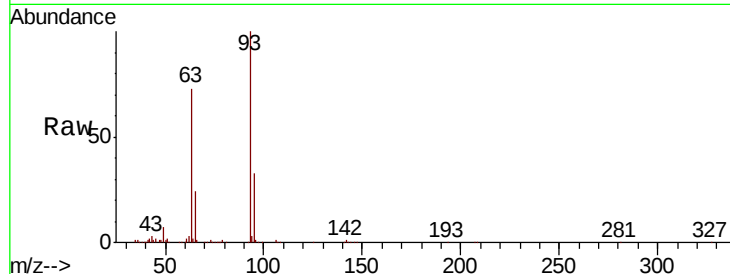
#11
bis(2-Chloroethyl)ether
Concen: 38.476 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion:	93	Resp:	466494
Ion Ratio	Lower	Upper	
93	100		
63	73.1	51.5	91.5
95	32.7	13.0	53.0

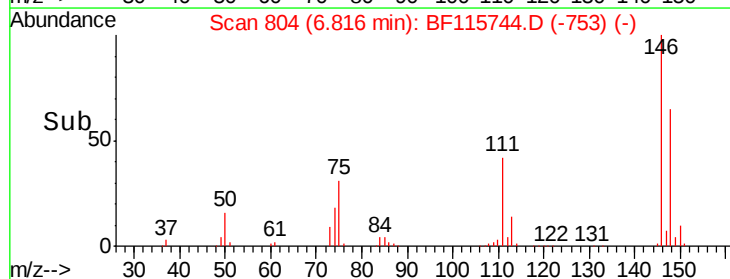
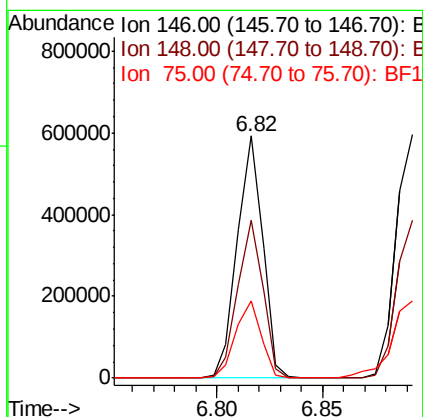
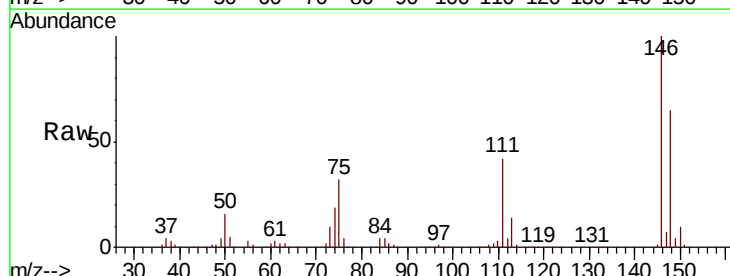
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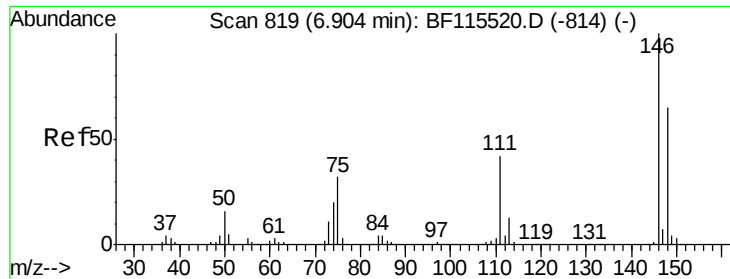
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#12
1,3-Dichlorobenzene
Concen: 35.365 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:	146	Resp:	494233
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.4	77.0
75	31.9	26.4	39.6





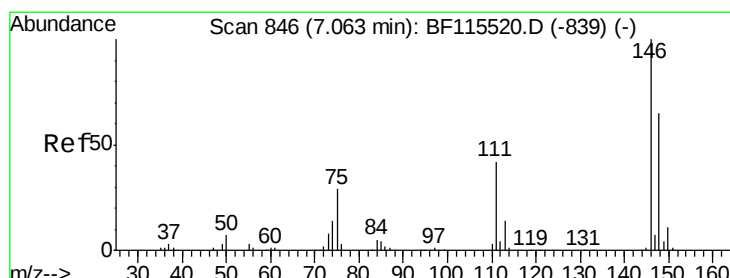
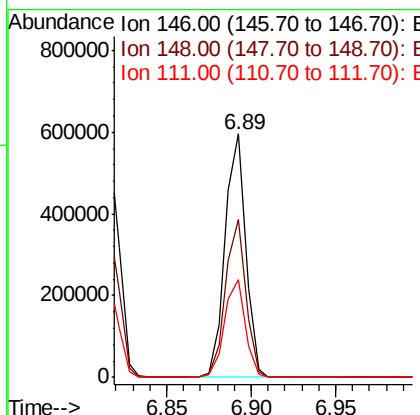
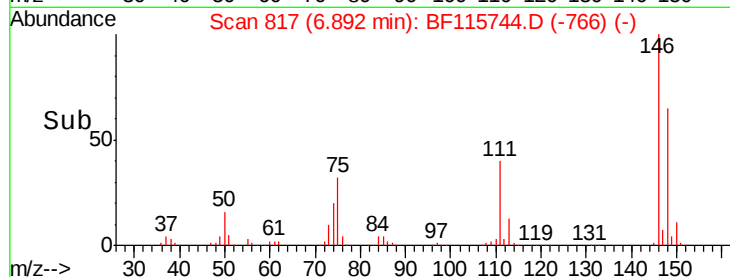
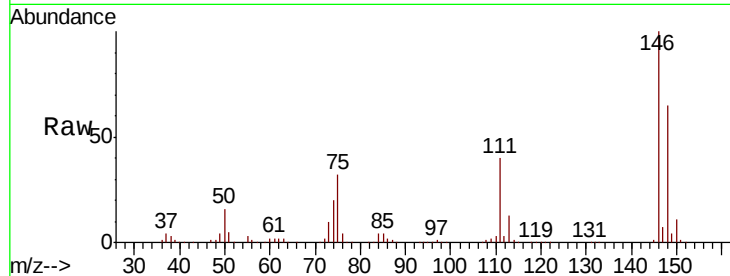
#13
 1,4-Dichlorobenzene
 Concen: 36.363 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	39.9	32.9	49.3

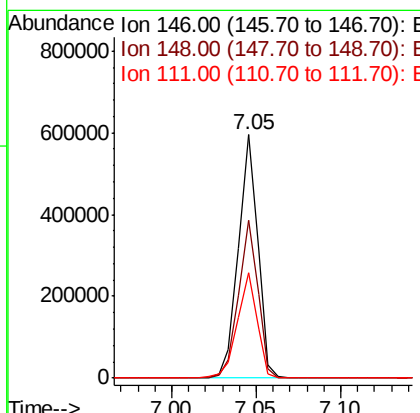
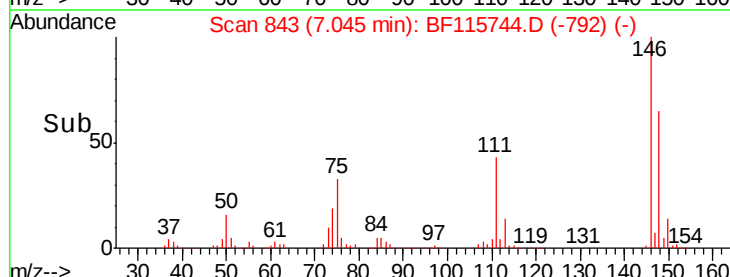
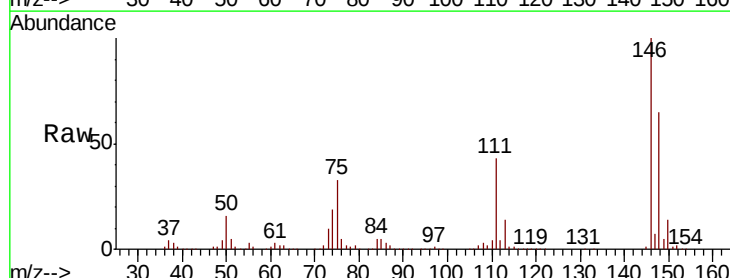
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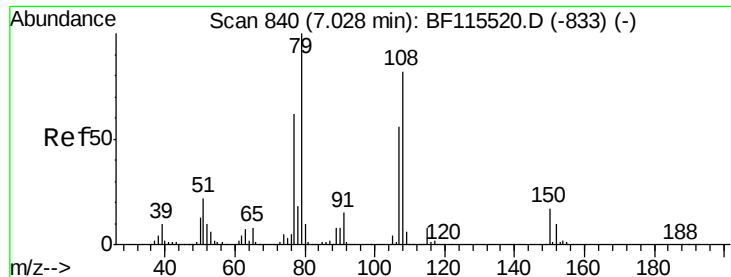
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#14
 1,2-Dichlorobenzene
 Concen: 37.105 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	43.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 38.984 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

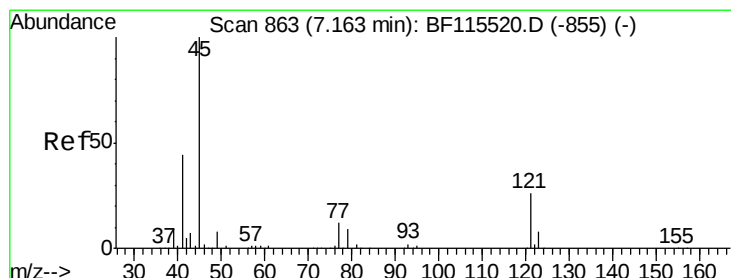
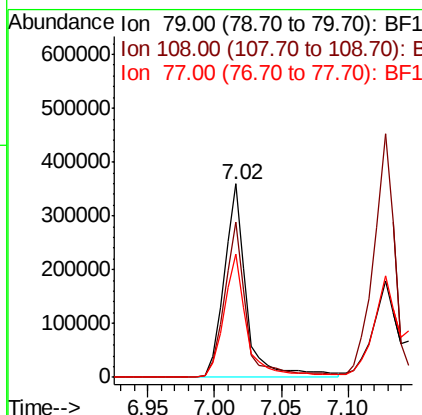
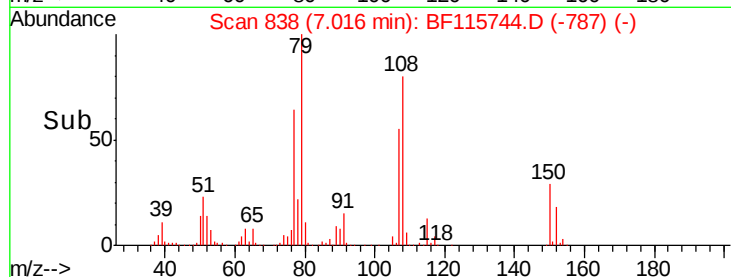
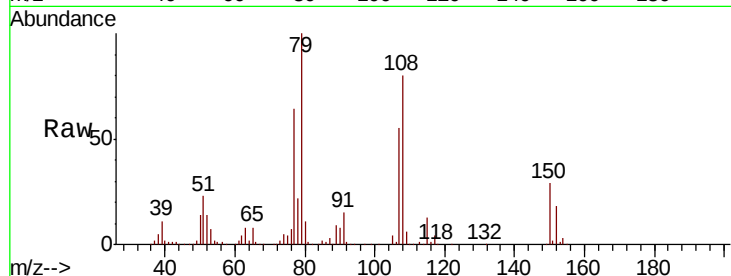
ClientSampleId :

PB121660BS

Tot Ion:	79	Resp:	424232
Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.5	98.3
77	63.7	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.989 ng

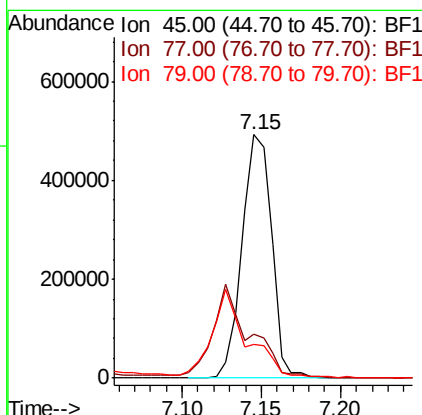
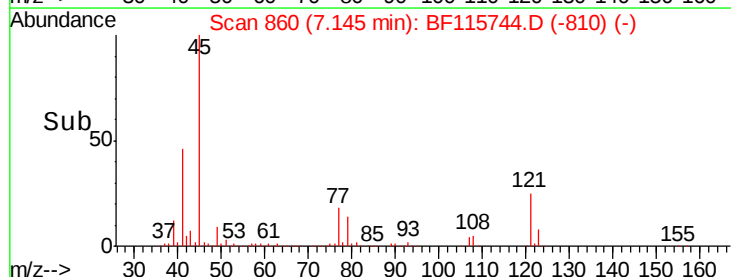
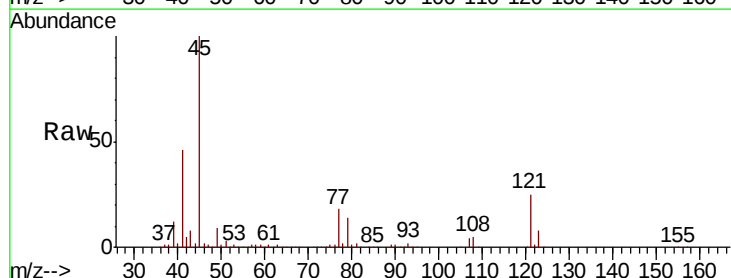
RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:	45	Resp:	638317
Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.1
79	13.7	0.0	33.1





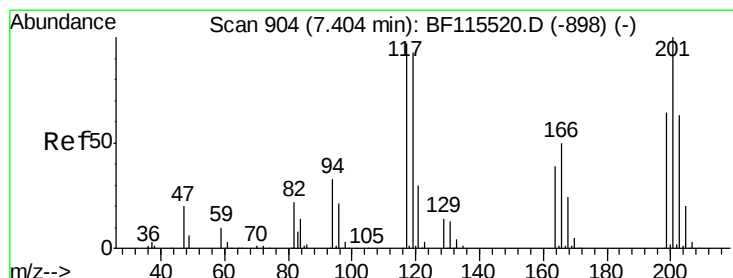
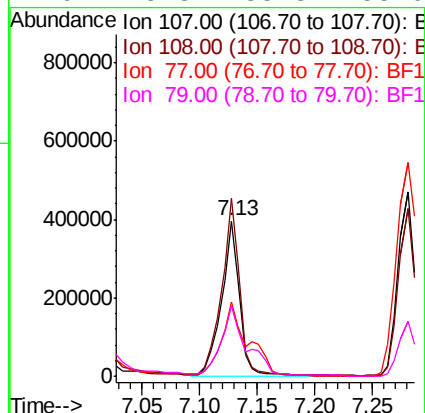
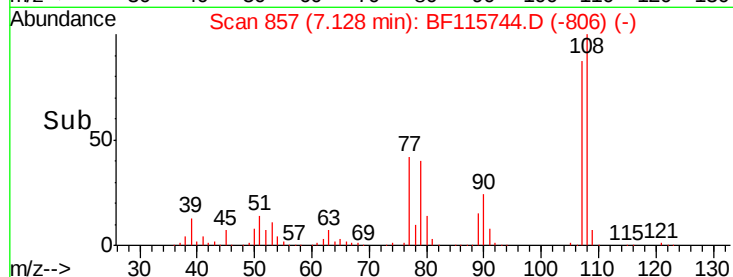
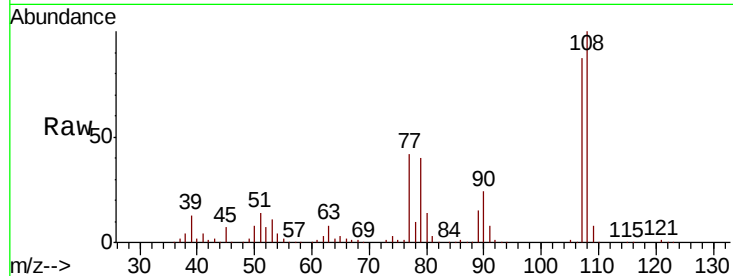
#17
2-Methylphenol
Concen: 40.475 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.4	137.0
77	47.8	36.8	55.2
79	45.3	35.8	53.6

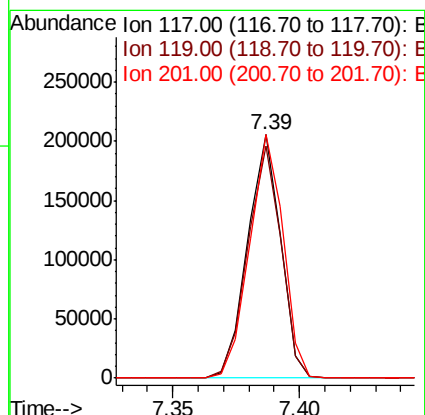
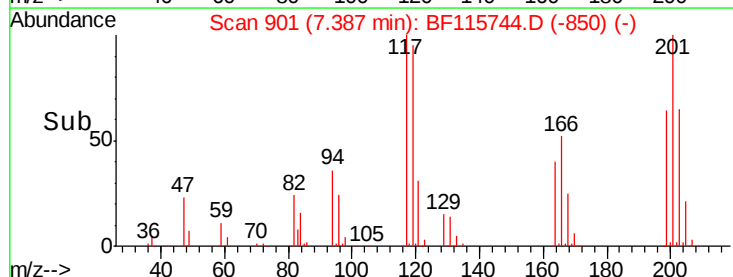
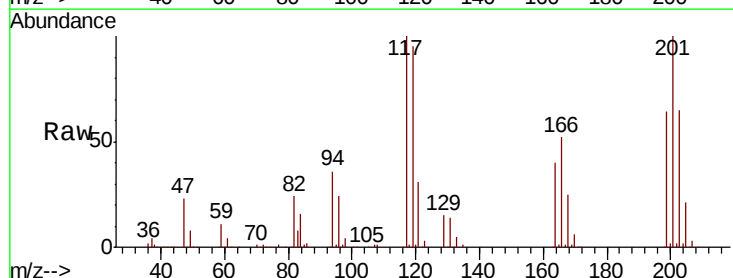
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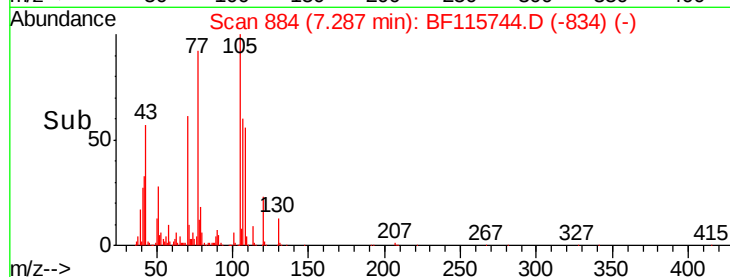
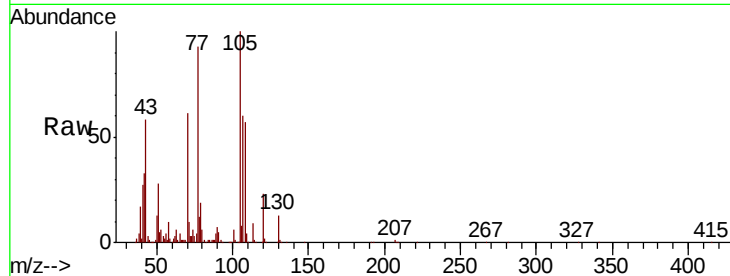
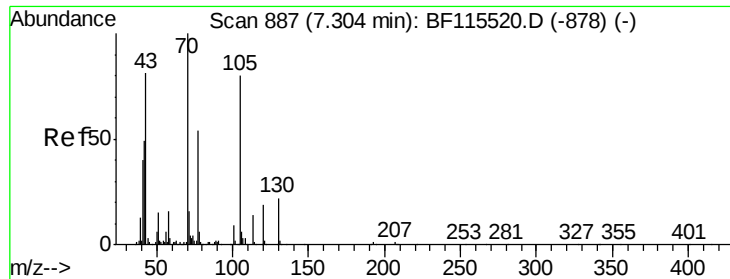
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#18
Hexachloroethane
Concen: 36.028 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
201	100.1	73.7	110.5





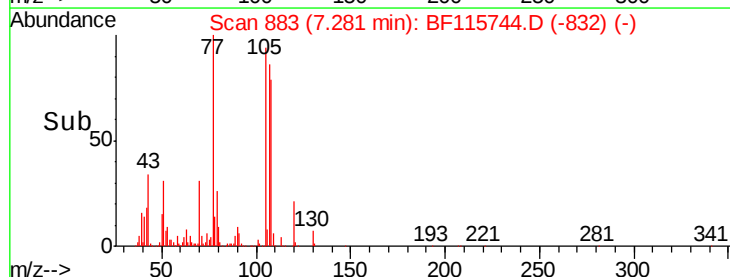
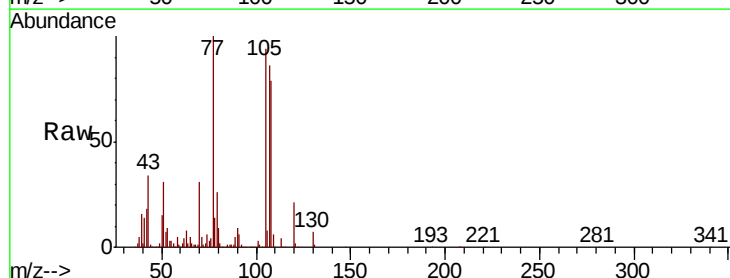
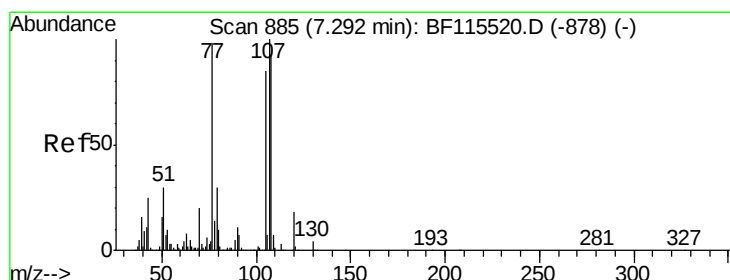
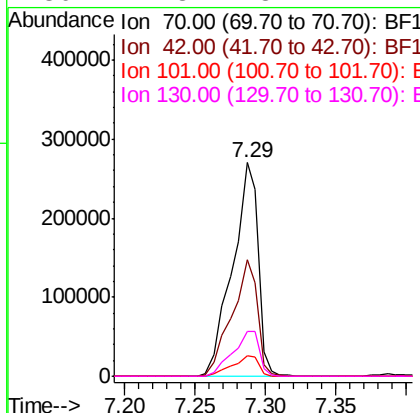
#19
n-Nitroso-di-n-propylamine
Concen: 38.122 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ion	Ratio	Lower	Upper
70	70	100		
42	42	54.3	40.3	60.5
101	101	9.6	7.9	11.9
130	130	21.3	18.2	27.4

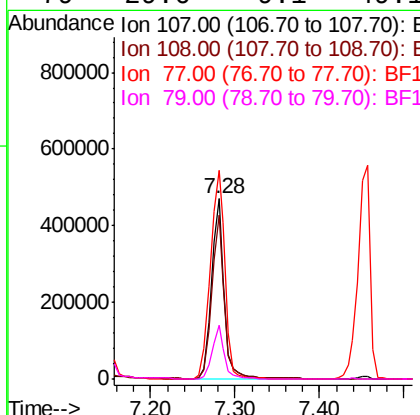
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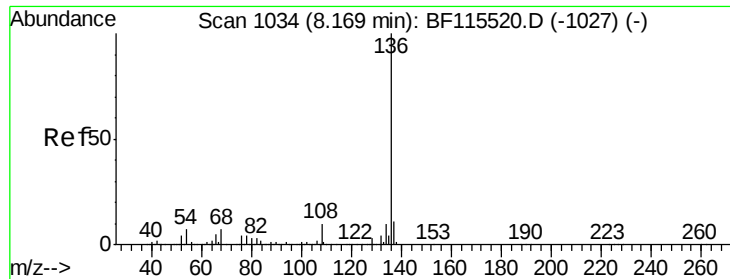
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#20
3+4-Methylphenols
Concen: 39.091 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	108	91.3	69.3	109.3
77	77	116.0	90.4	130.4
79	79	29.6	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

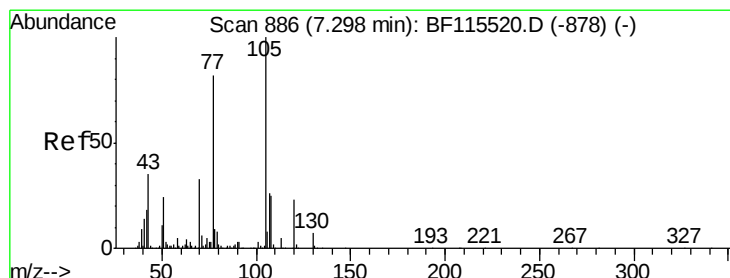
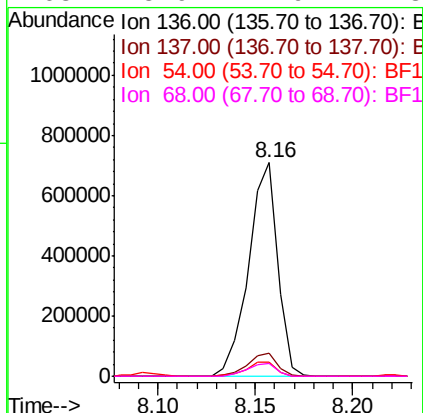
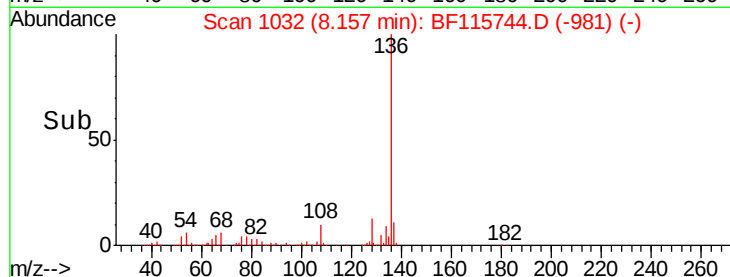
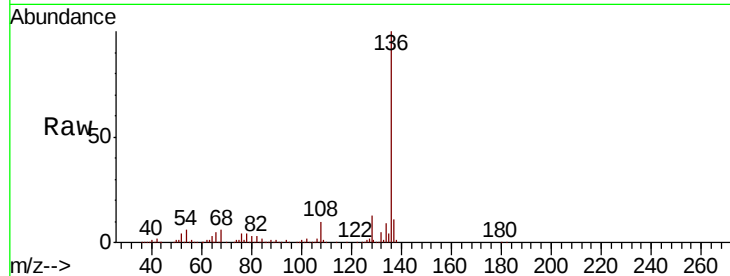
ClientSampled :

PB121660BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	731172		
137	10.8		9.0	13.4
54	6.5		5.4	8.0
68	5.9		4.9	7.3

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#22

Acetophenone

Concen: 40.292 ng

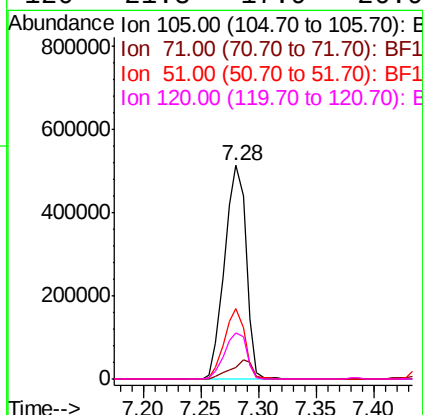
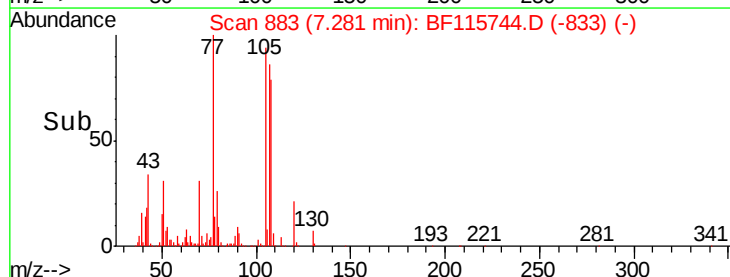
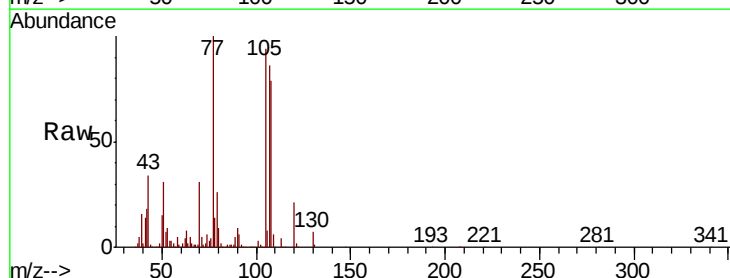
RT: 7.28 min Scan# 883

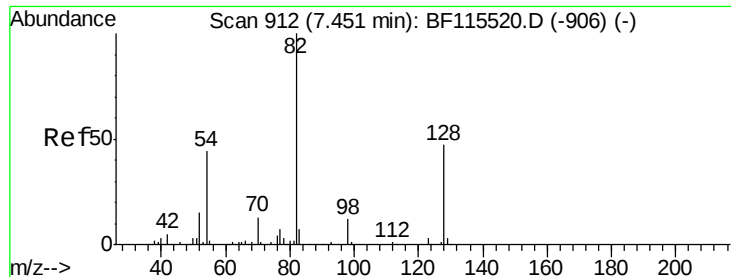
Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	665558		
71	5.4		6.3	9.5#
51	32.9		21.8	32.6#
120	21.8		17.9	26.9





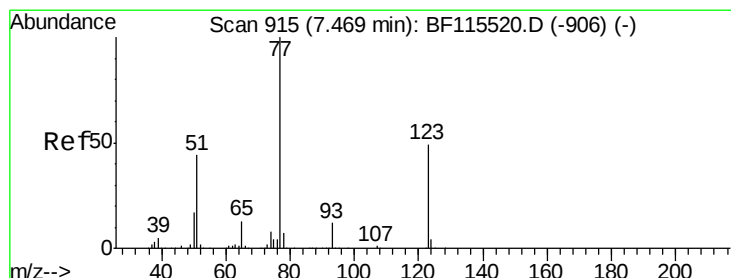
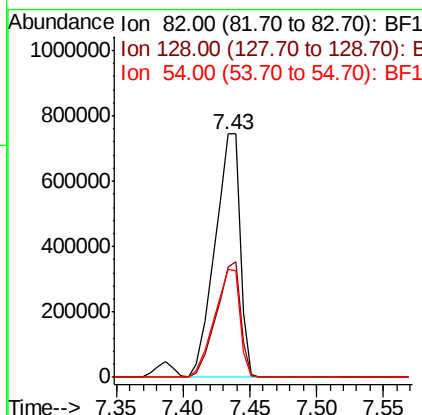
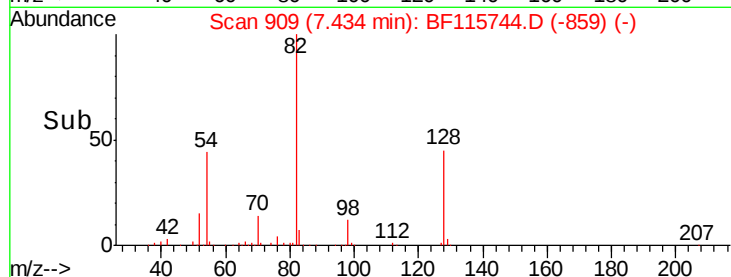
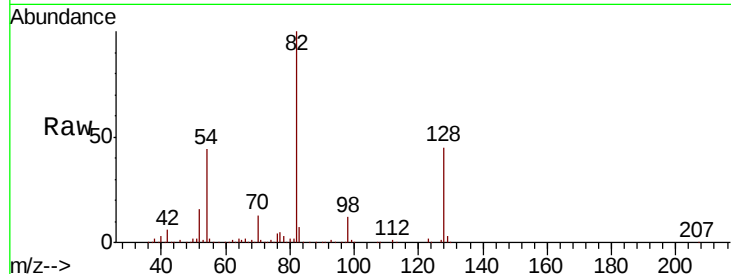
#23
 Nitrobenzene-d5
 Concen: 78.879 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleID :
 PB121660BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.0	57.0
54	44.5	35.6	53.4

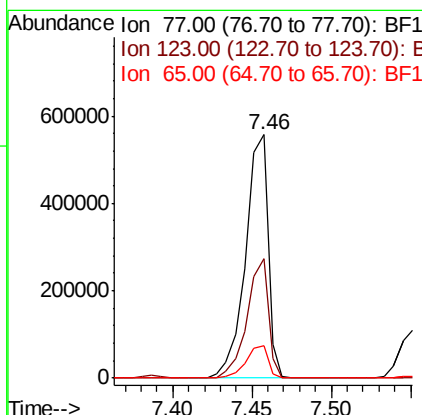
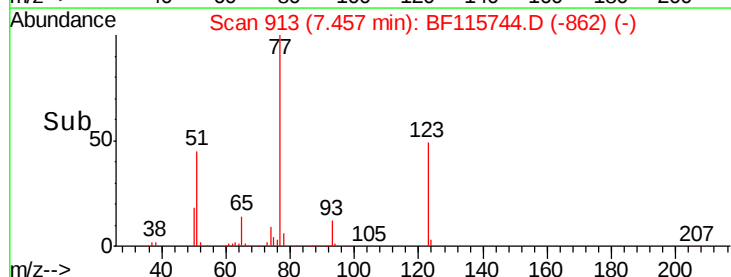
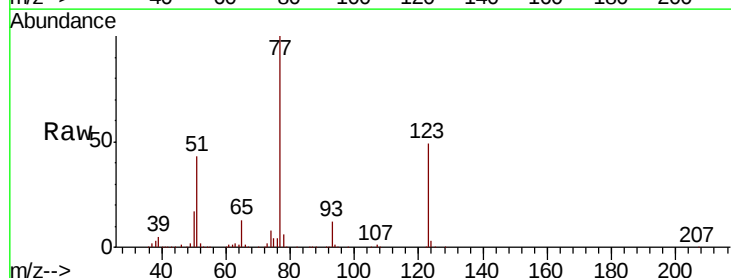
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#24
 Nitrobenzene
 Concen: 40.497 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.9	56.9
65	13.2	10.6	15.8





#25

Isophorone

Concen: 39.964 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB121660BS

Tot Ion: 82 Resp: 1005565

Ion Ratio Lower Upper

82 100

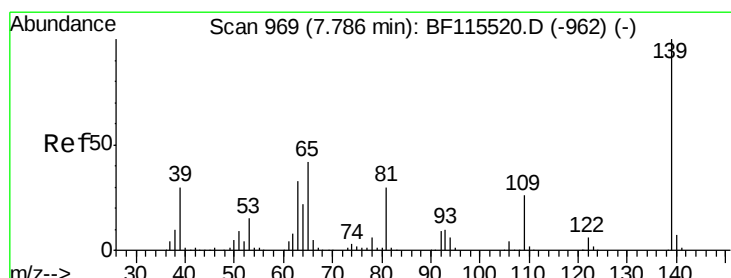
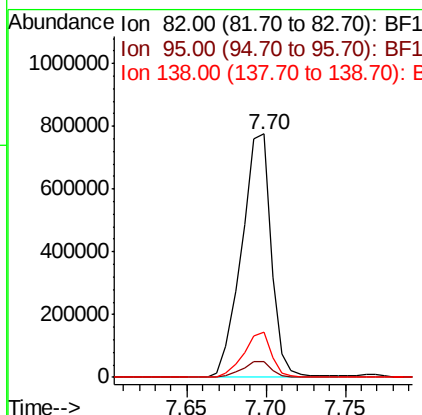
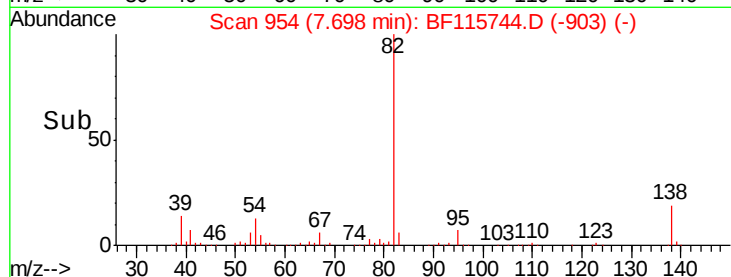
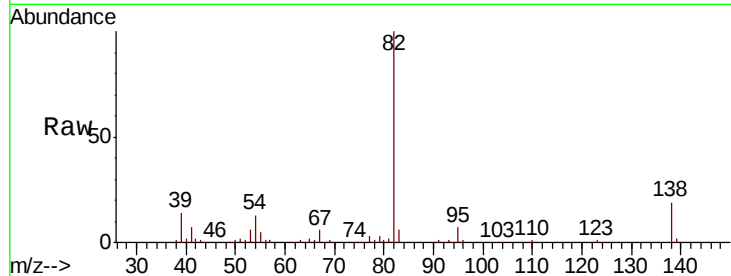
95 6.7 5.4 8.0

138 18.6 14.8 22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.036 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

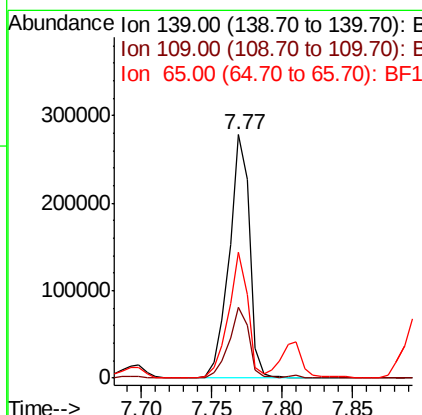
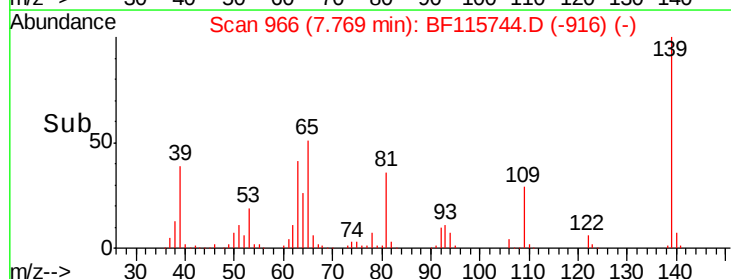
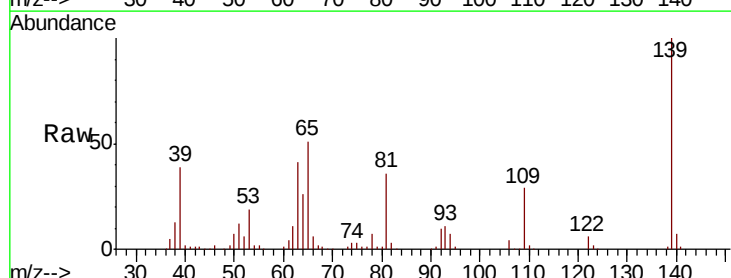
Tgt Ion: 139 Resp: 279494

Ion Ratio Lower Upper

139 100

109 29.2 21.4 32.0

65 51.5 35.7 53.5





#27

2,4-Dimethylphenol

Concen: 42.845 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

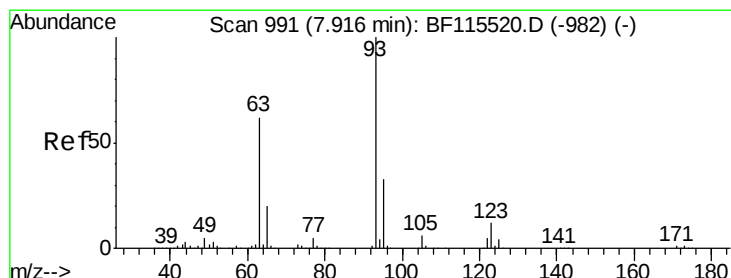
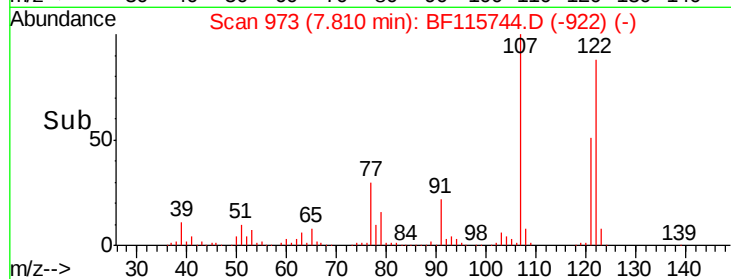
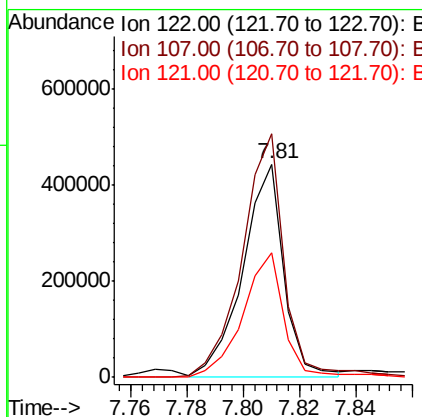
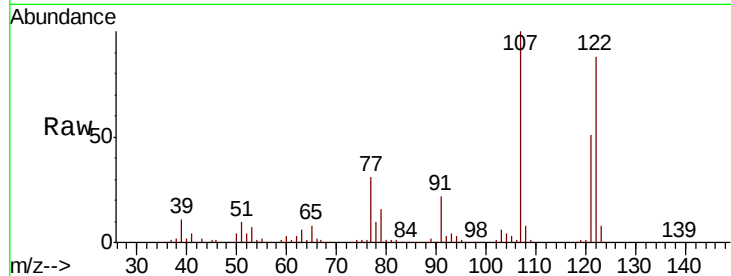
ClientSampleId :

PB121660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		447522		
107	114.1	90.2	135.4		
121	58.5	46.4	69.6		

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#28

bis(2-Chloroethoxy)methane

Concen: 39.832 ng

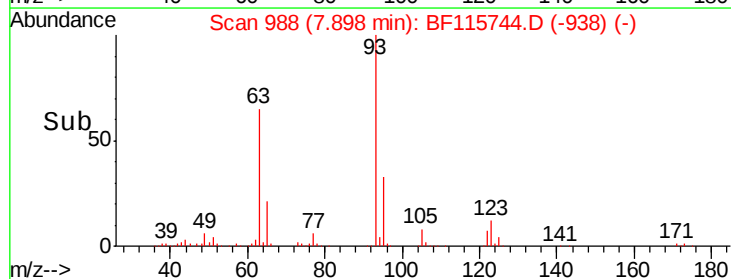
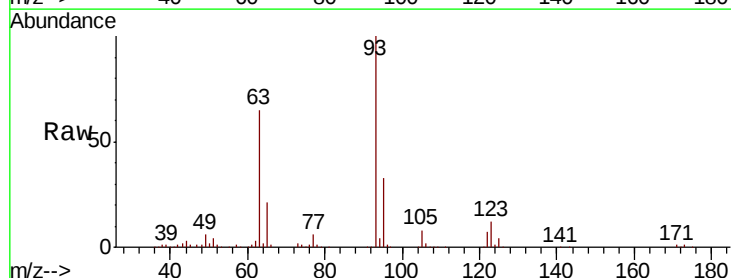
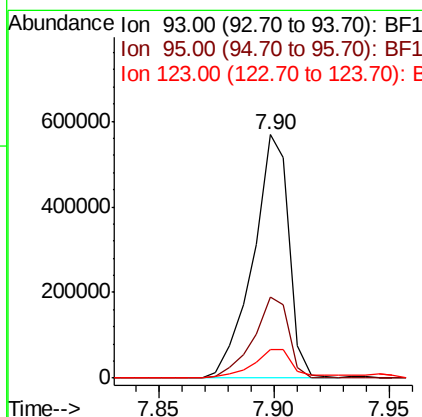
RT: 7.90 min Scan# 988

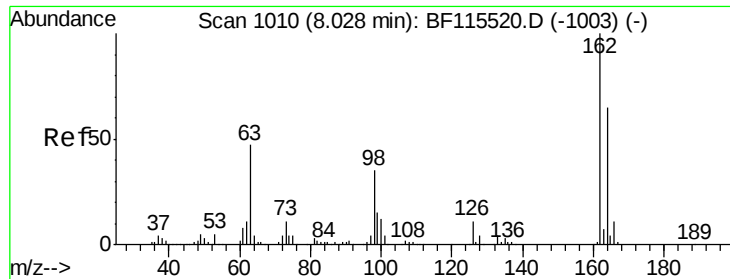
Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		614866		
95	33.2	26.6	39.8		
123	11.9	10.2	15.2		





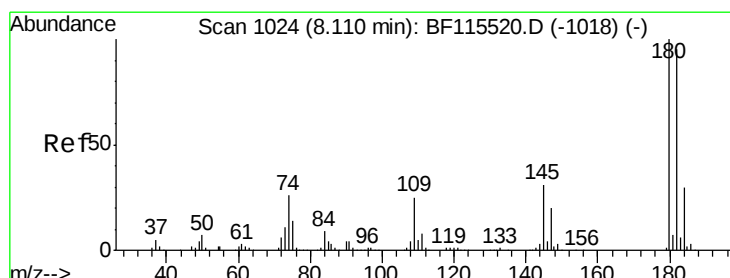
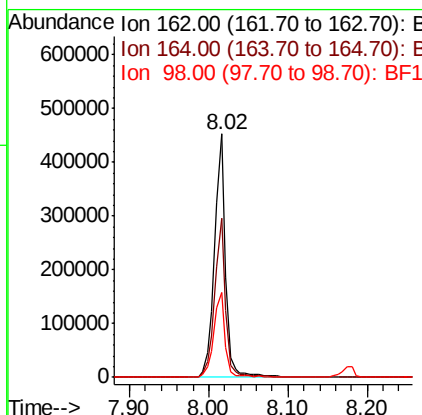
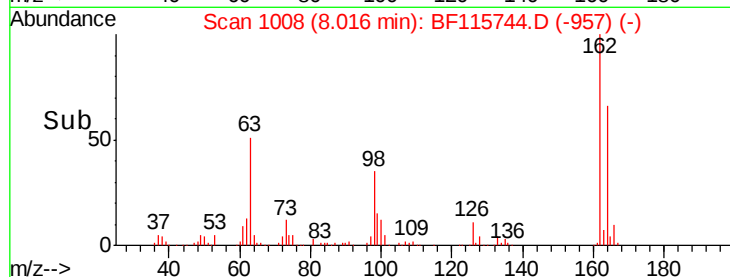
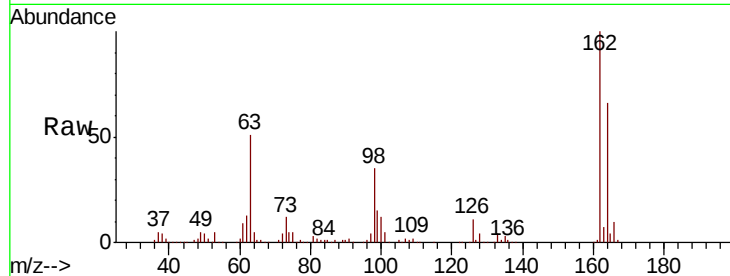
#29
 2,4-Dichlorophenol
 Concen: 40.509 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		440049		
164	65.6	43.9	83.9		
98	35.0	15.3	55.3		

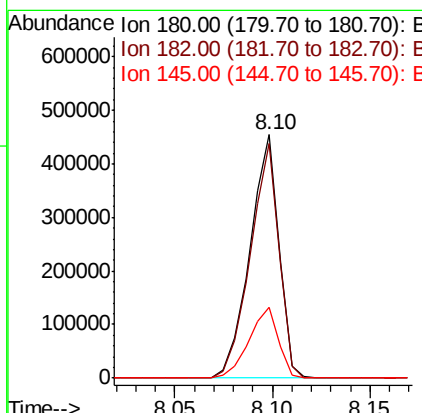
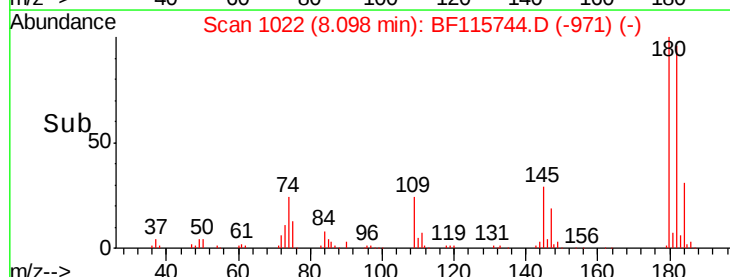
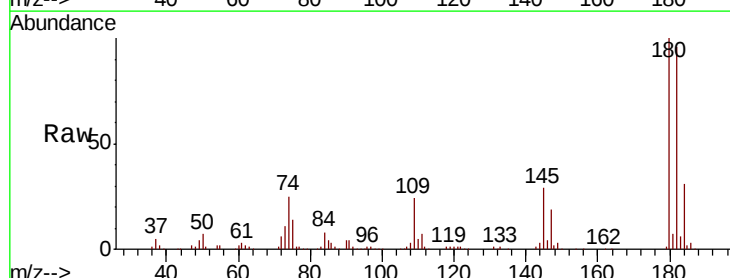
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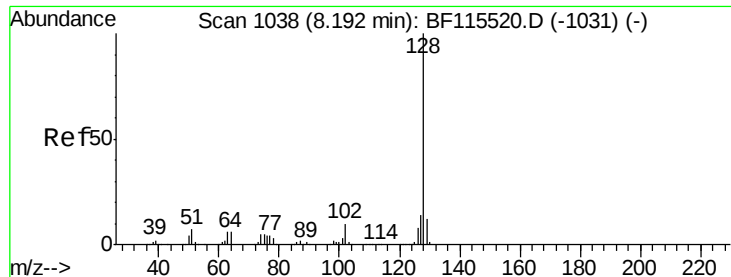
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.928 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		465735		
182	96.5	76.0	114.0		
145	29.2	23.8	35.6		





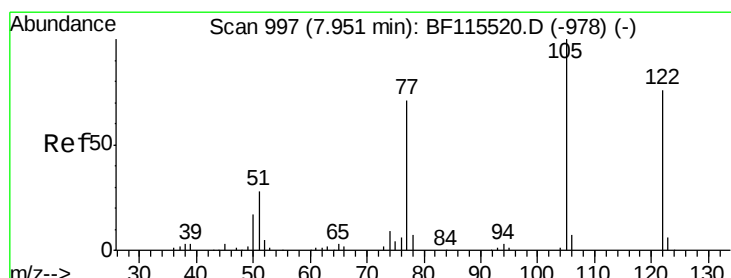
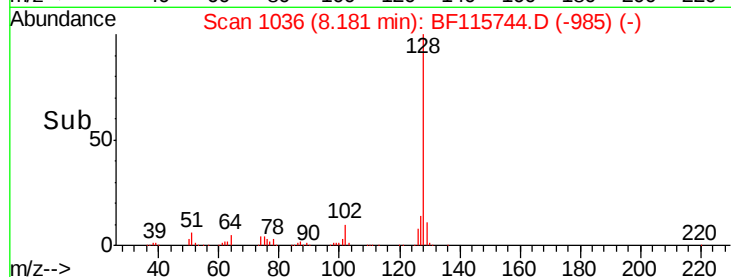
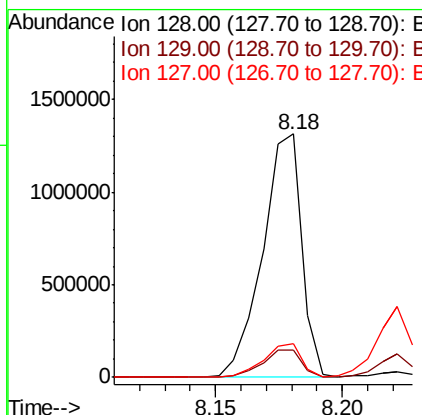
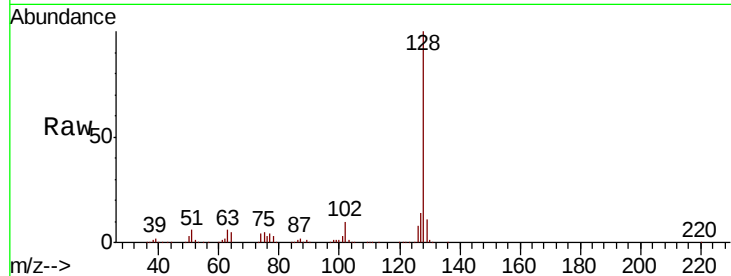
#31
Naphthalene
Concen: 40.290 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.9	11.0	16.6

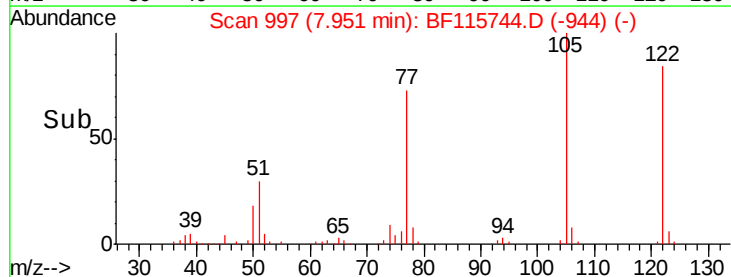
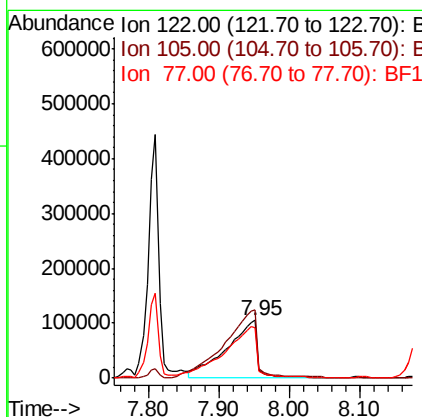
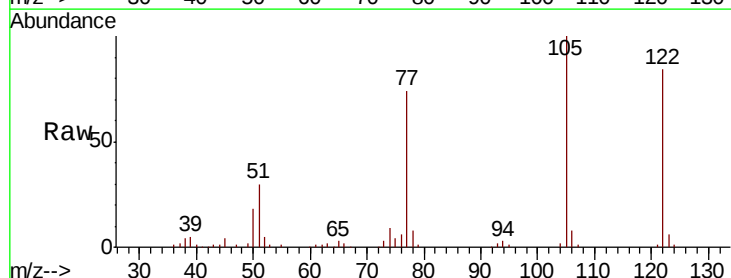
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#32
Benzoic acid
Concen: 37.467 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	104.1	144.1
77	88.7	77.0	117.0





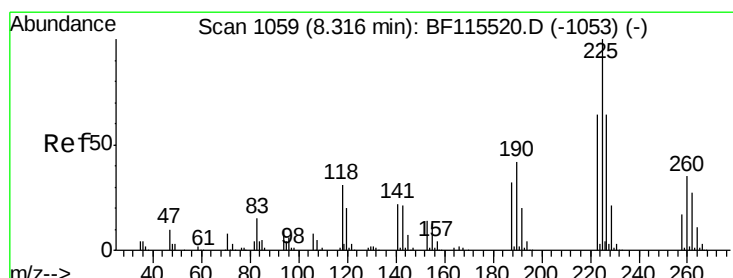
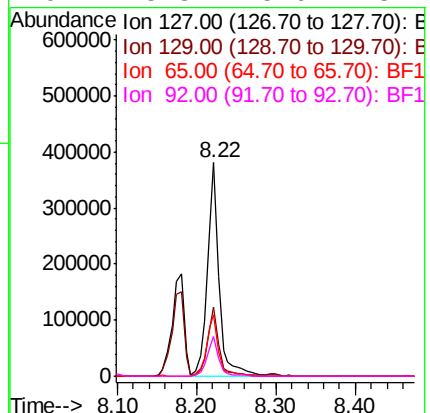
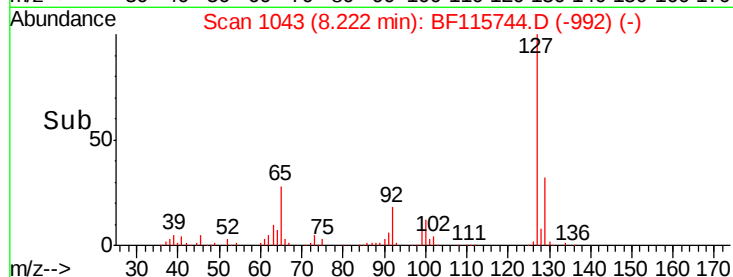
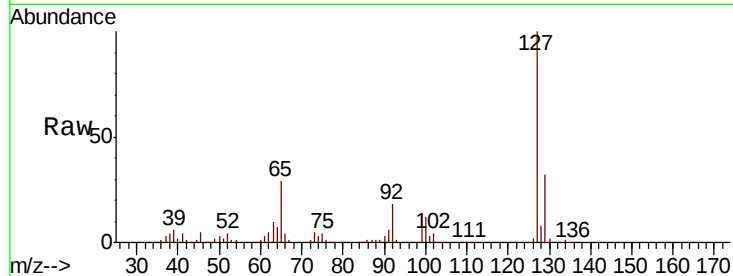
#33
4-Chloroaniline
Concen: 25.269 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.1	39.1	
65	29.0	24.6	37.0	
92	18.3	15.6	23.4	

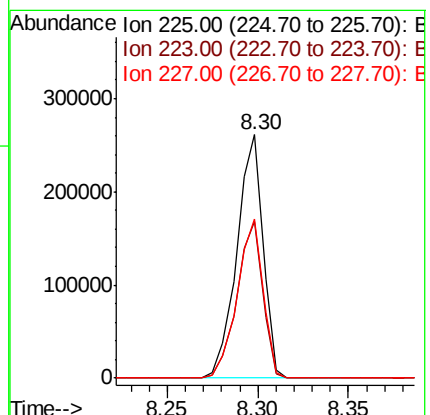
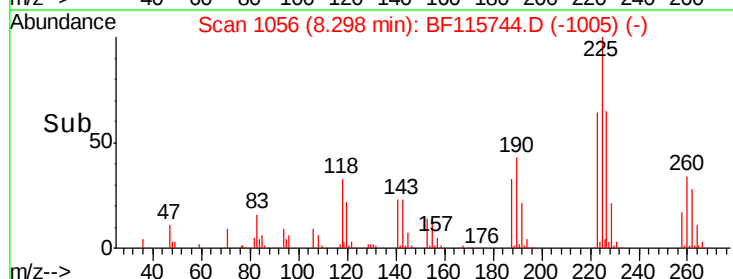
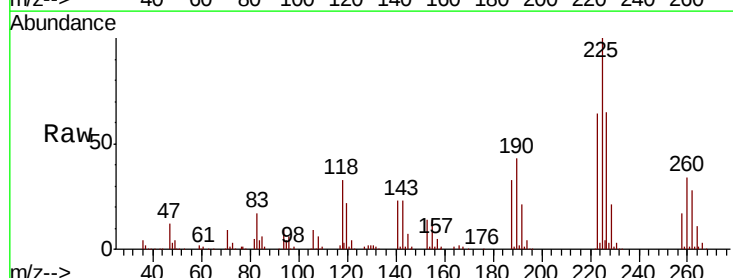
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#34
Hexachlorobutadiene
Concen: 37.215 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	49.8	74.8	
227	65.3	50.6	75.8	





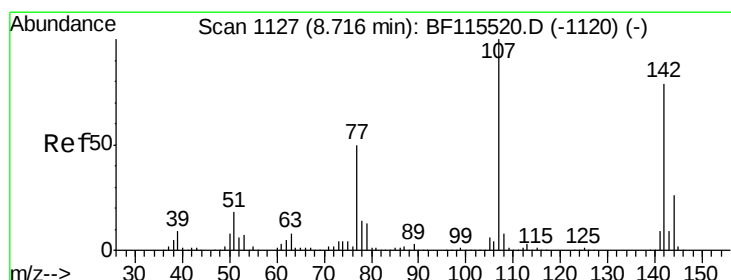
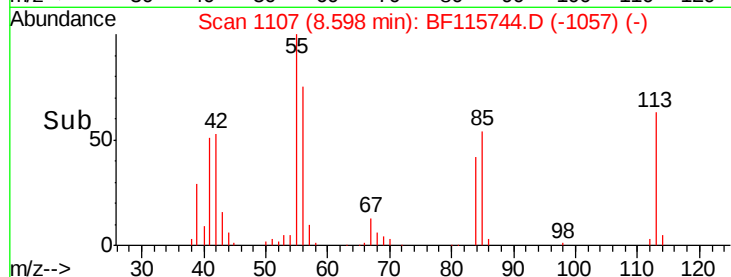
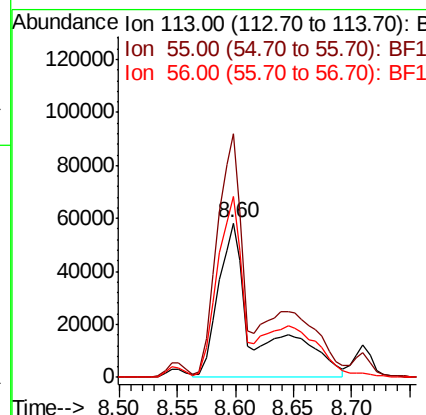
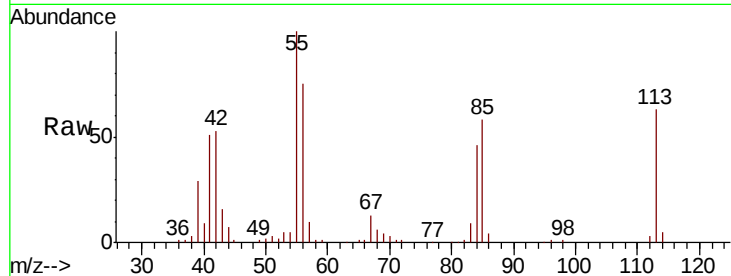
#35
Caprolactam
Concen: 40.783 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.8	135.9	175.9
56	117.6	95.8	135.8

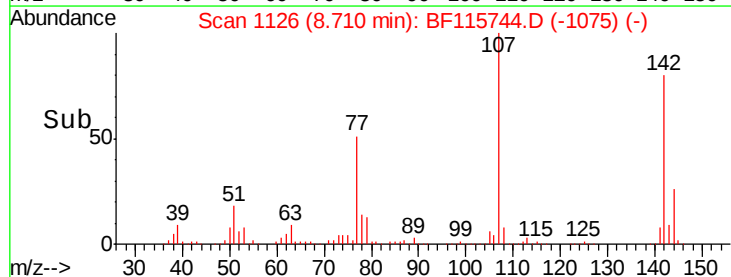
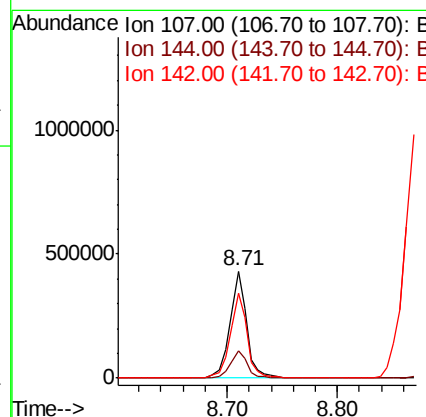
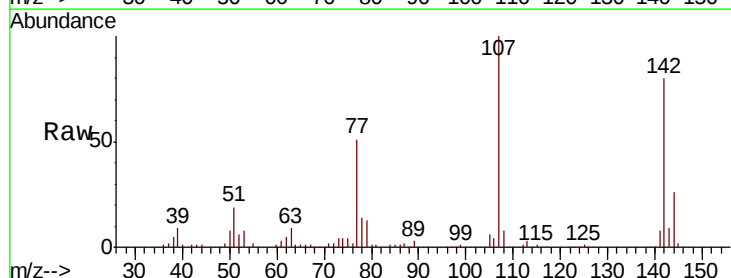
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#36
4-Chloro-3-methylphenol
Concen: 40.999 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.4	32.0
142	79.7	64.6	96.8





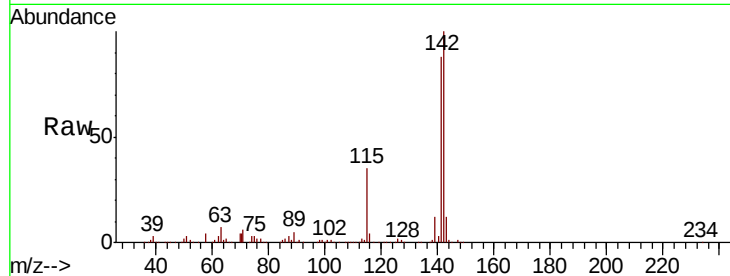
#37
2-Methylnaphthalene
Concen: 41.259 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	35.3	28.2	42.2

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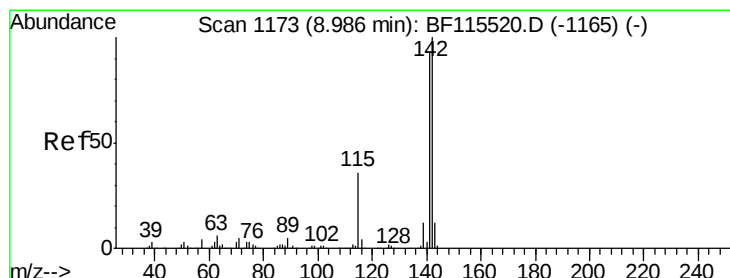
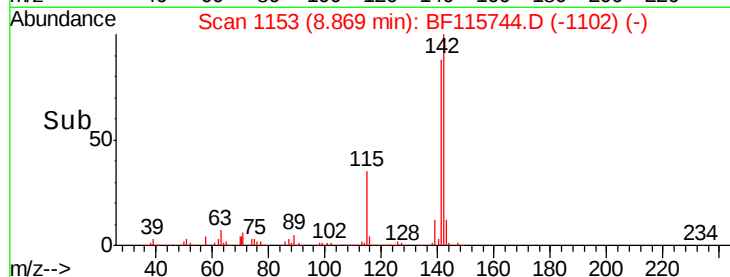
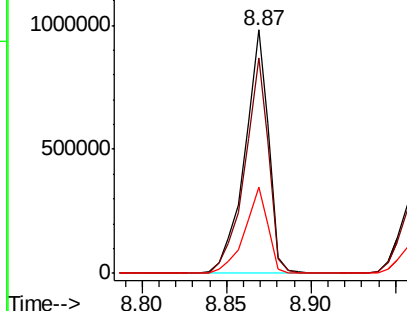


Abundance

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: 40.788 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

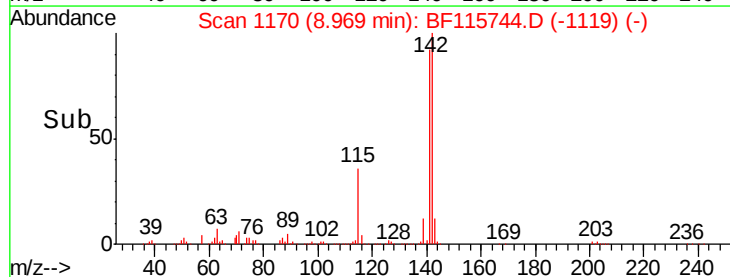
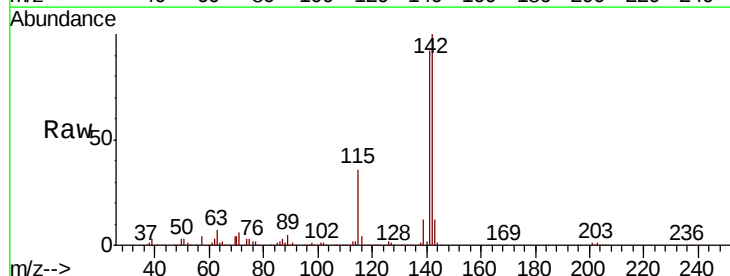
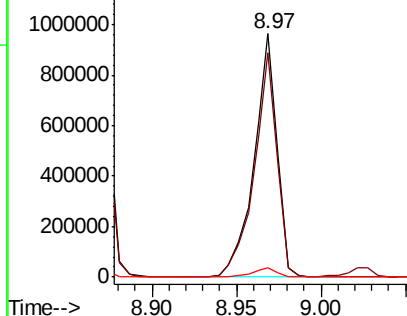
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.9	109.3
116	4.0	3.0	4.4

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





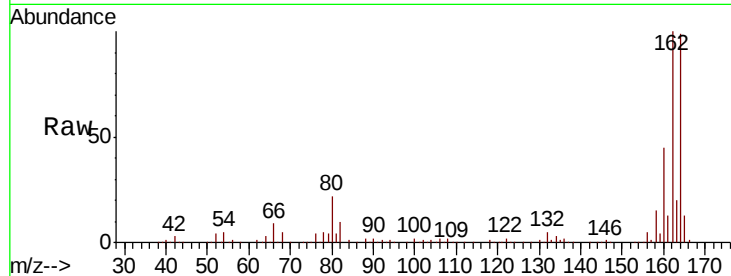
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.8
160	45.6	37.8	56.8

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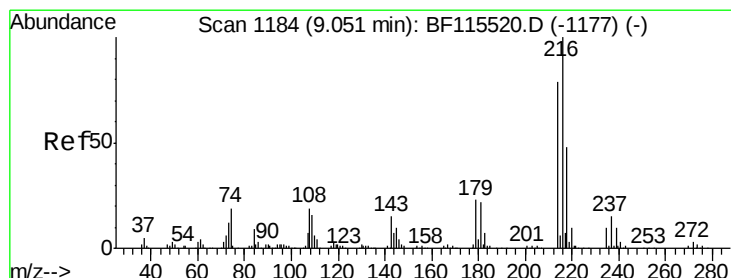
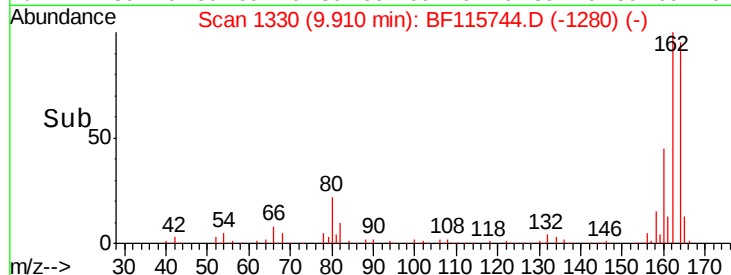
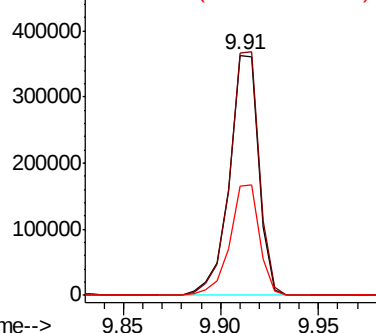


Abundance

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: 39.148 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.2	96.4
179	22.1	17.6	26.4
108	20.4	16.3	24.5

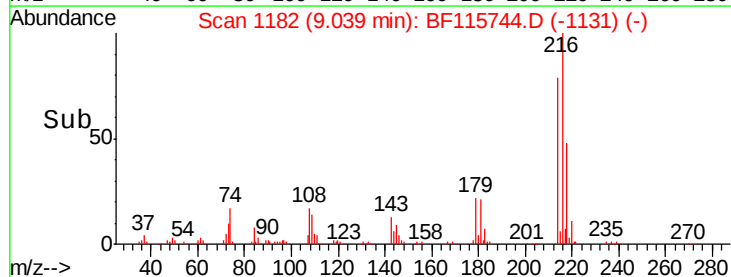
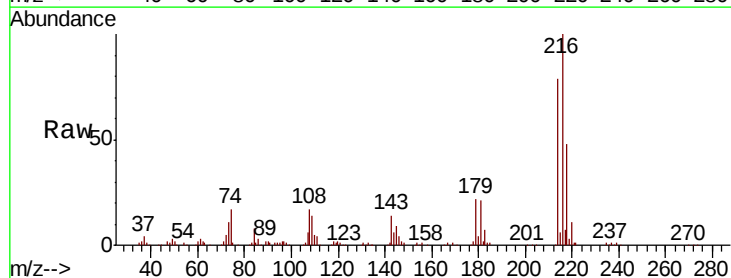
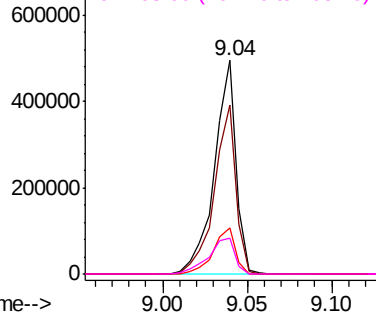
Abundance

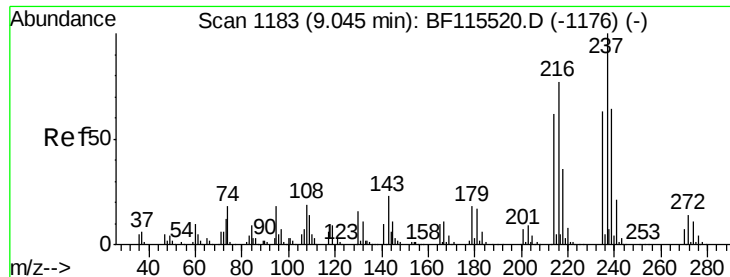
Ion 216.00 (215.70 to 216.70): E

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





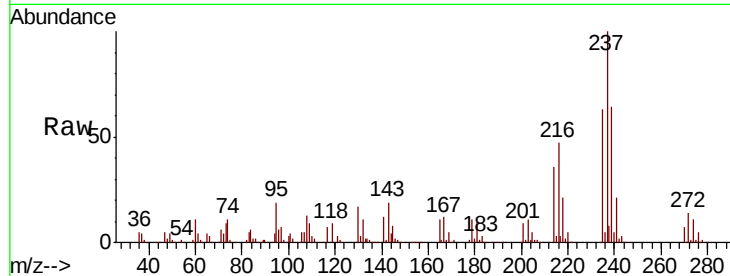
#41
Hexachlorocyclopentadiene
Concen: 43.676 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

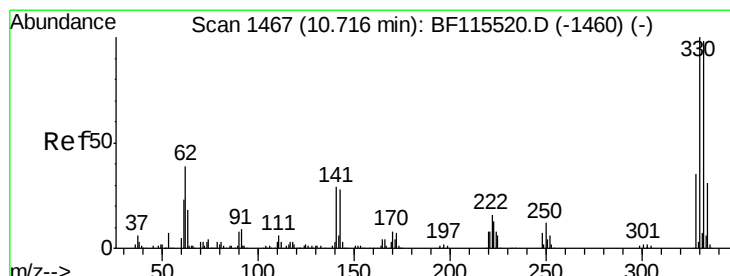
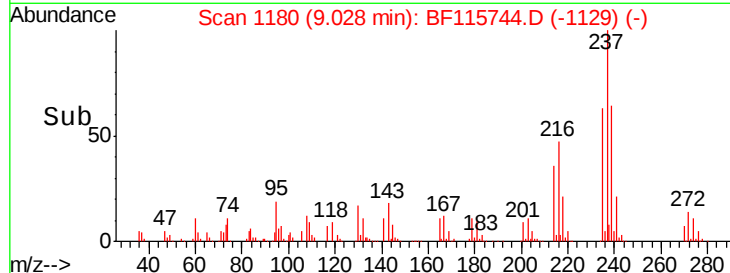
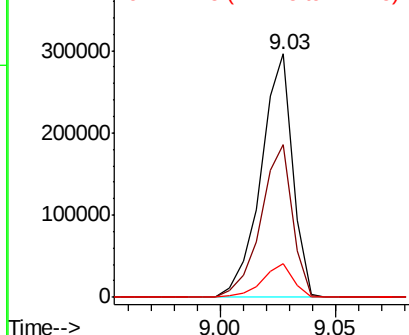
Tot Ion	Ratio	Resp	Lower	Upper
237	100	282846		
235	62.9	43.6	83.6	
272	13.8	0.0	33.6	

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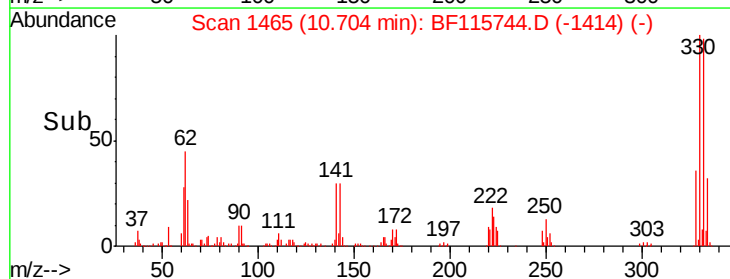
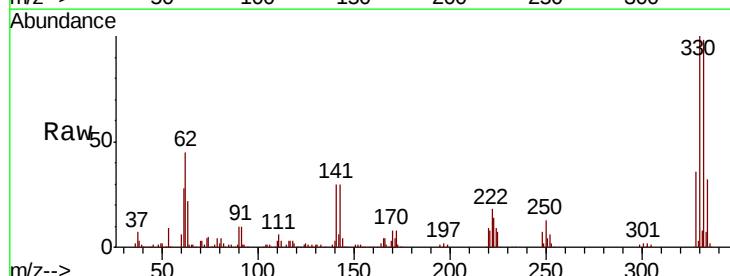
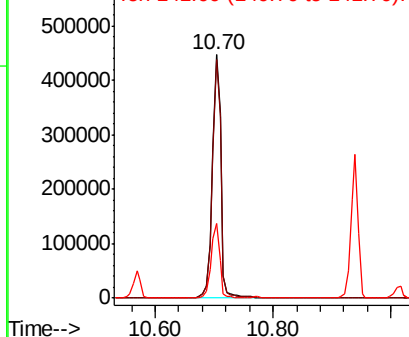
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 103.678 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	456229		
332	97.3	76.7	115.1	
141	31.3	25.6	38.4	

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





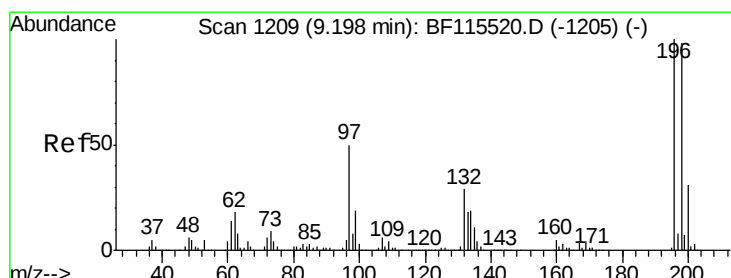
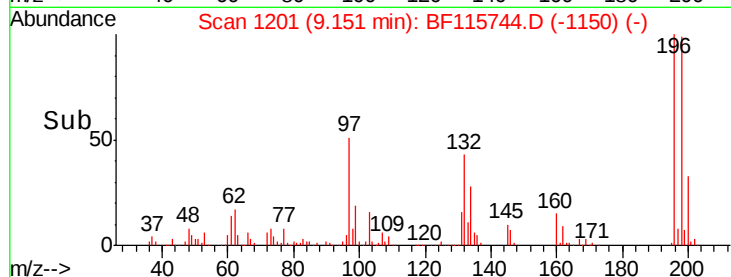
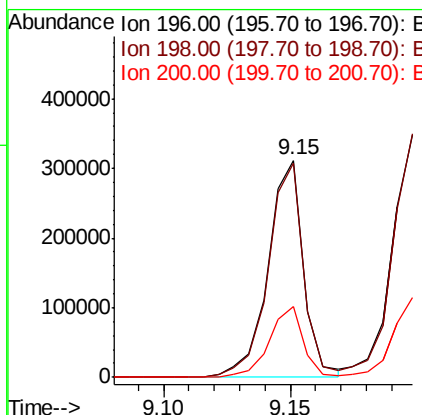
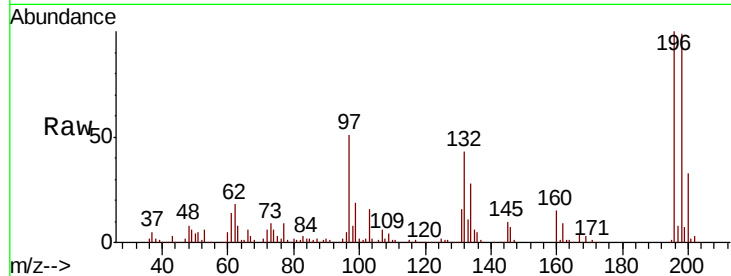
#43
 2,4,6-Trichlorophenol
 Concen: 36.748 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	305085		
198	99.1	79.4	119.2	
200	32.6	25.6	38.4	

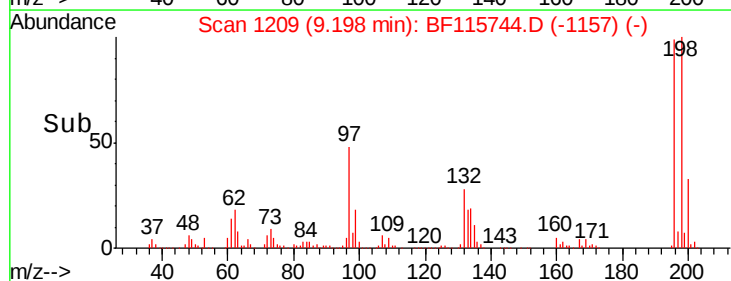
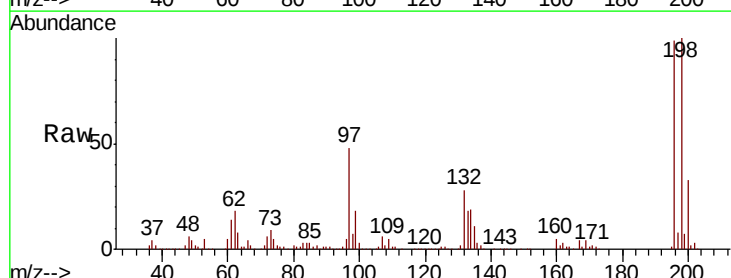
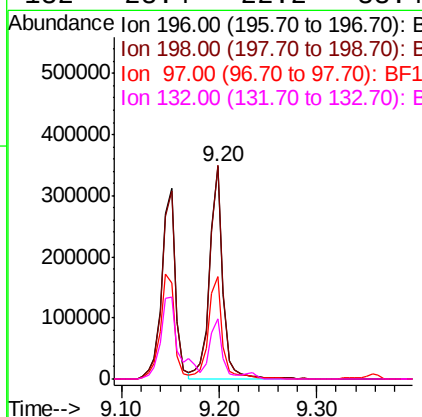
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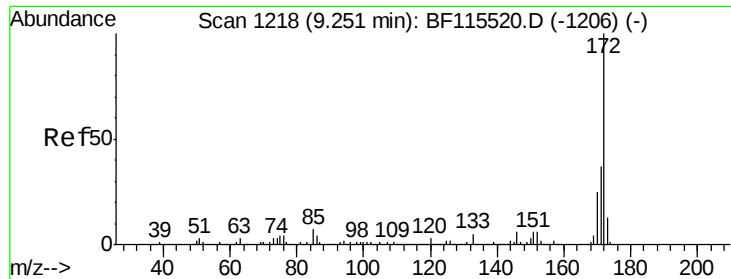
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.414 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326606		
198	100.5	77.9	116.9	
97	48.5	37.4	56.0	
132	28.4	22.2	33.4	





#45

2-Fluorobiphenyl

Concen: 82.299 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB121660BS

Tot Ion:172 Resp: 1772643

Ion Ratio Lower Upper

172 100

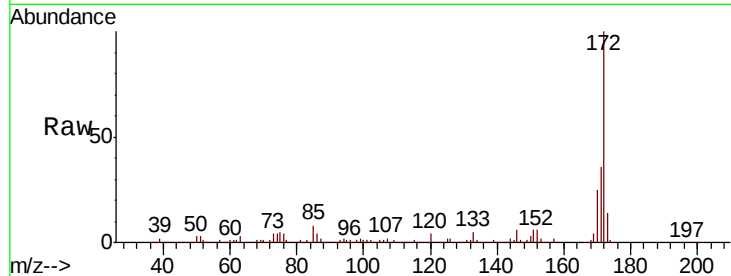
171 36.3 29.5 44.3

170 25.0 20.0 30.0

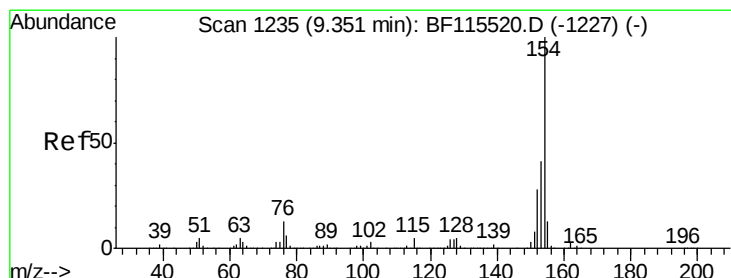
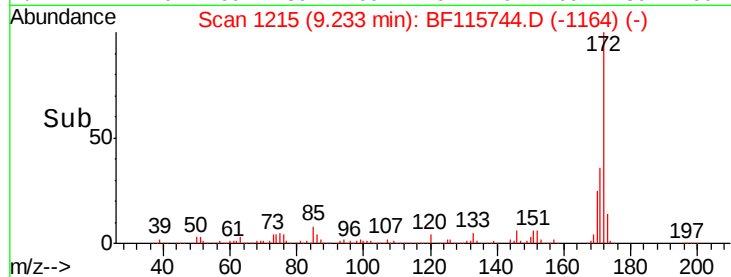
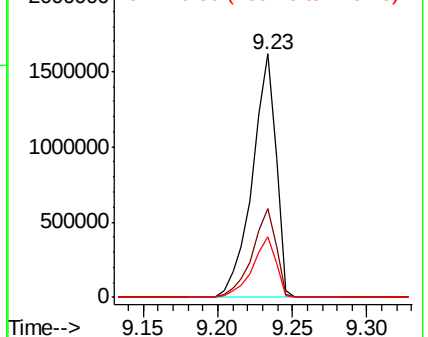
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.692 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

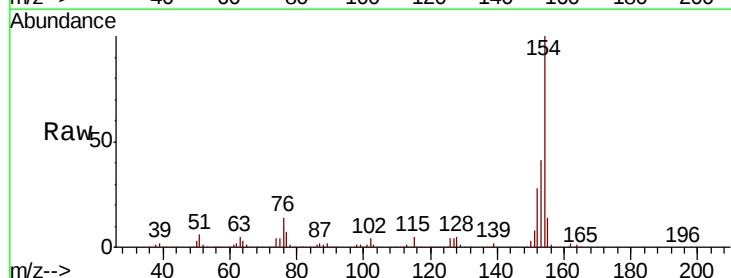
Tgt Ion:154 Resp: 1169838

Ion Ratio Lower Upper

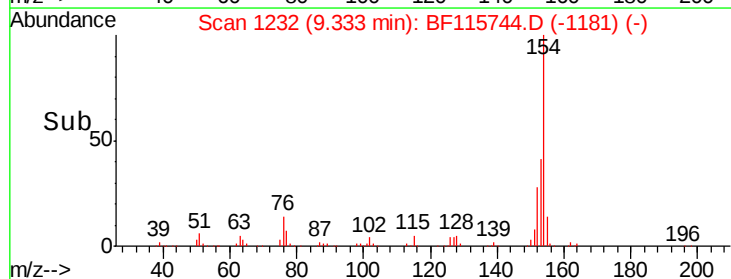
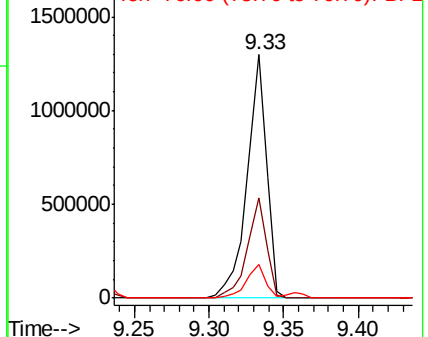
154 100

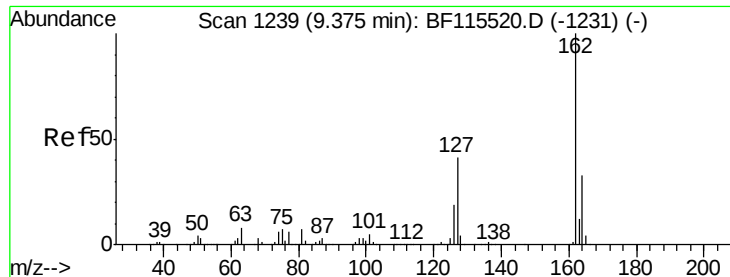
153 41.2 20.9 60.9

76 14.1 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





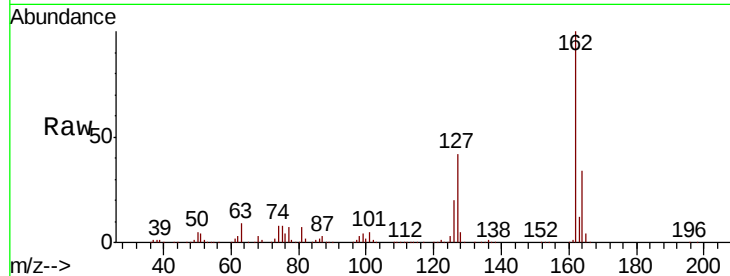
#47
 2-Chloronaphthalene
 Concen: 37.885 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

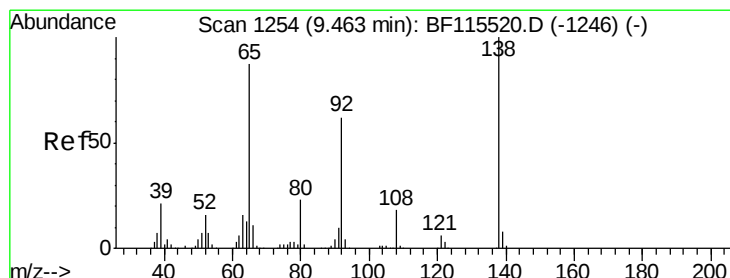
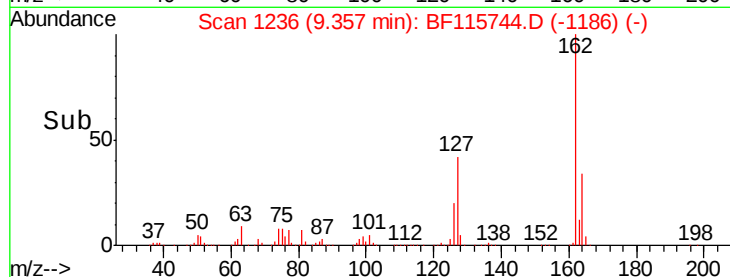
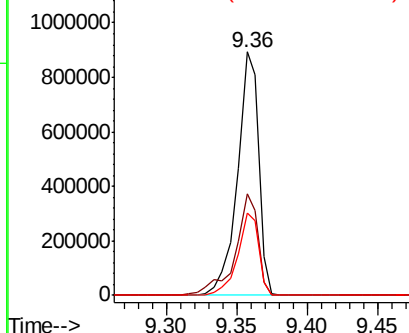
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.8	31.4	47.2	
164	34.0	26.7	40.1	

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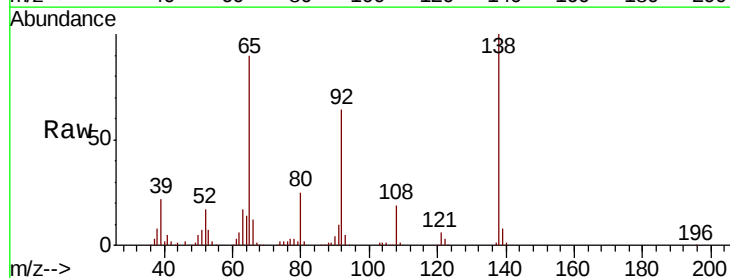


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

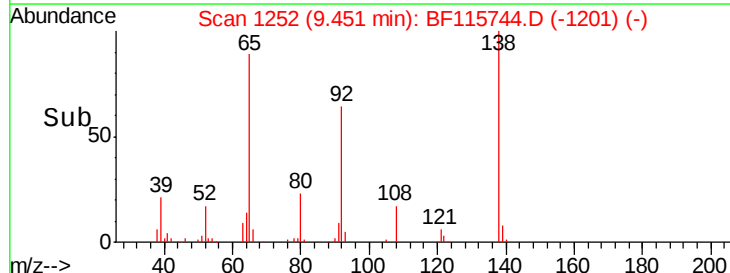
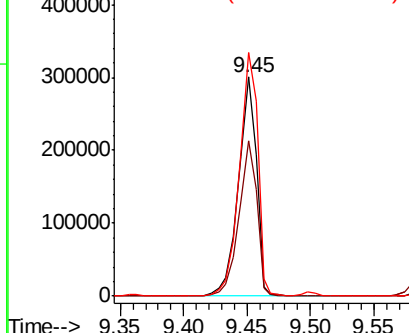


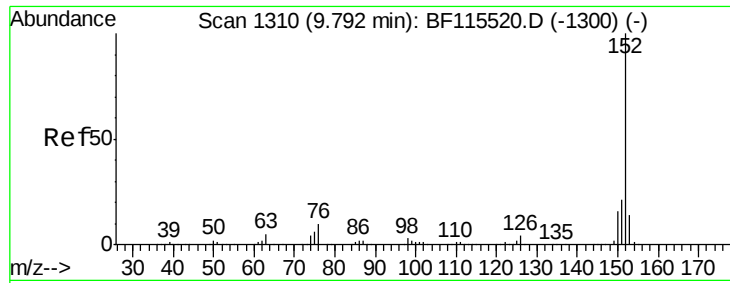
#48
 2-Nitroaniline
 Concen: 38.467 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.7	55.4	83.2	
138	111.1	87.2	130.8	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.481 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB121660BS

Tot Ion:152 Resp: 1399295

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

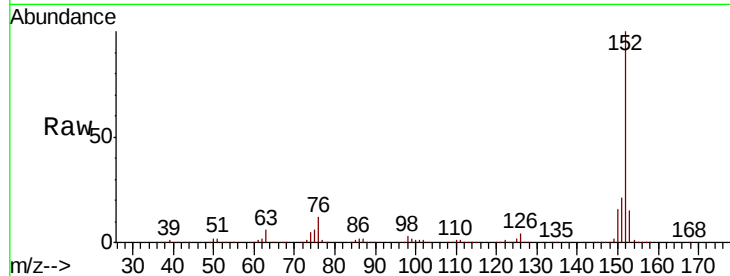
153 14.5 11.5 17.3

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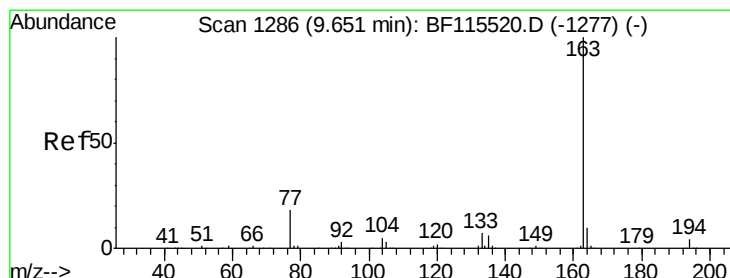
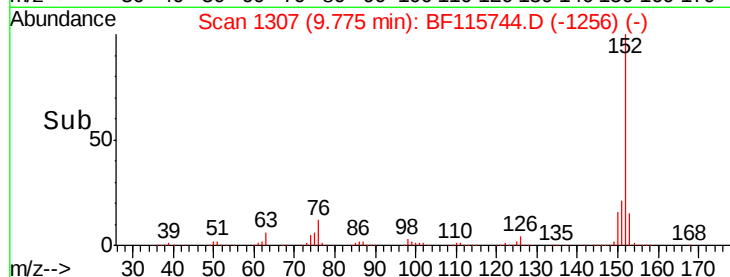
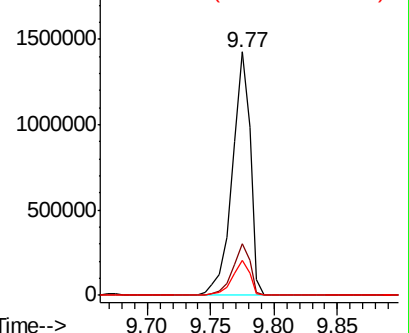
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.122 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

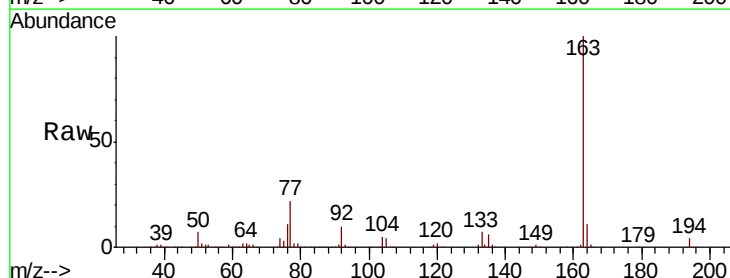
Tgt Ion:163 Resp: 1109664

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

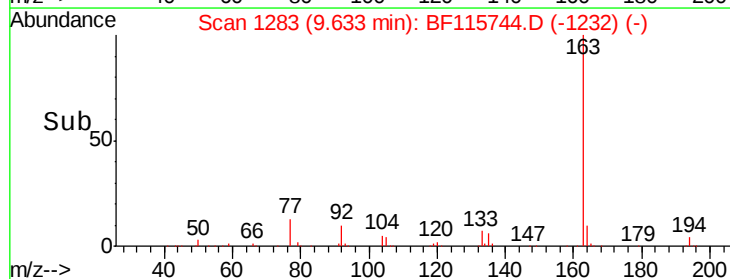
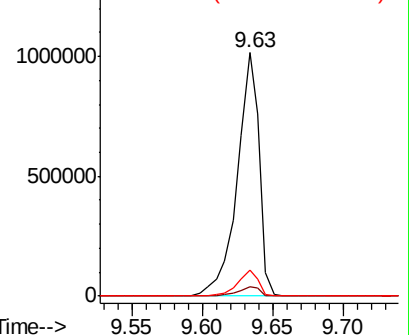
164 10.6 8.5 12.7

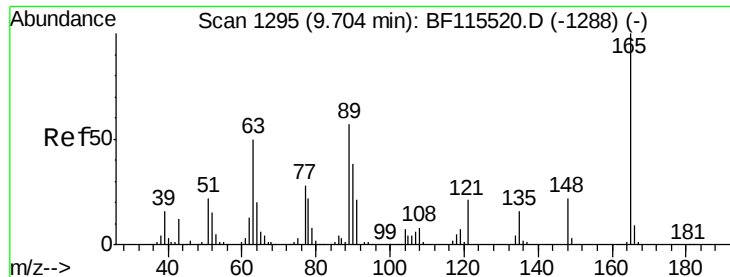


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





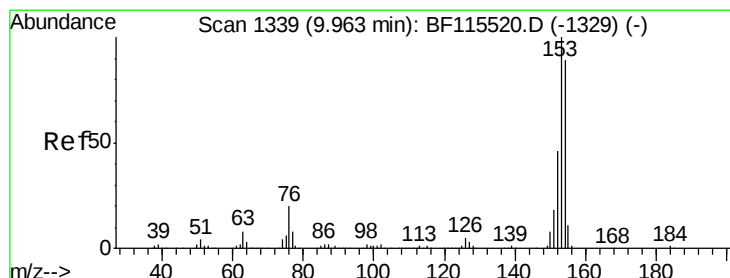
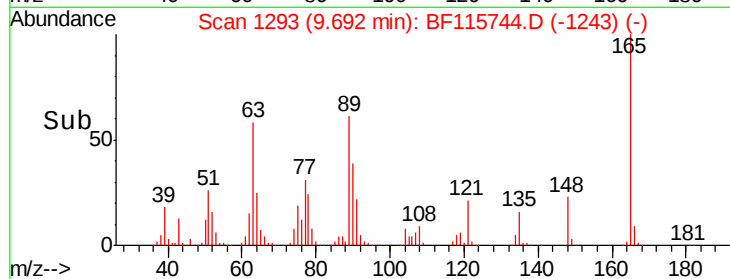
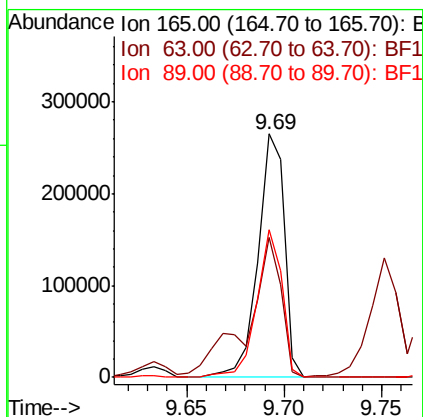
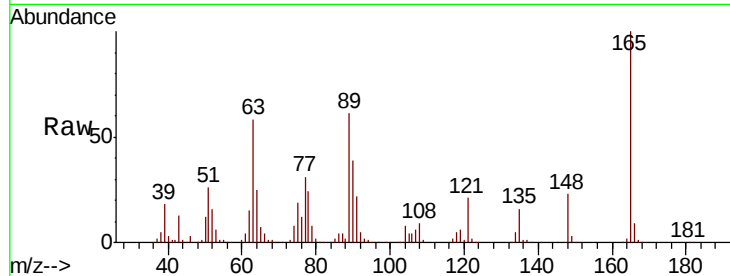
#51
2,6-Dinitrotoluene
Concen: 38.488 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	248088		
63	57.5	35.8	53.6#	
89	60.7	41.4	62.2	

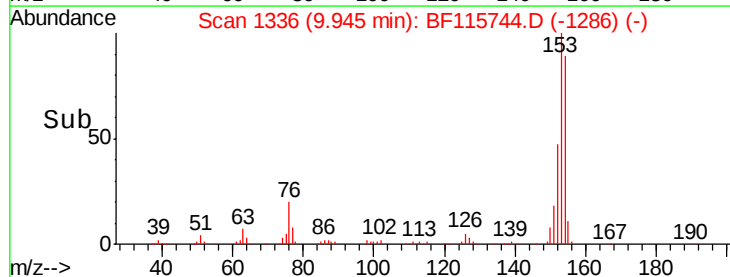
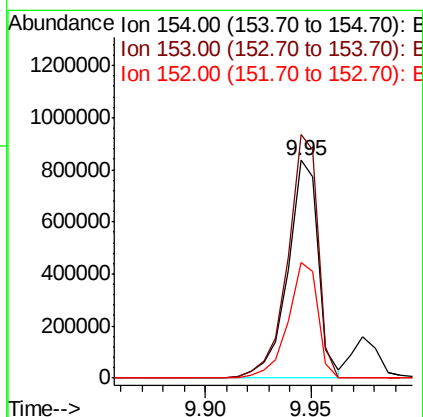
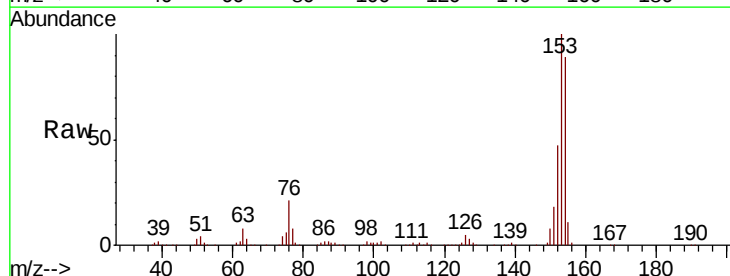
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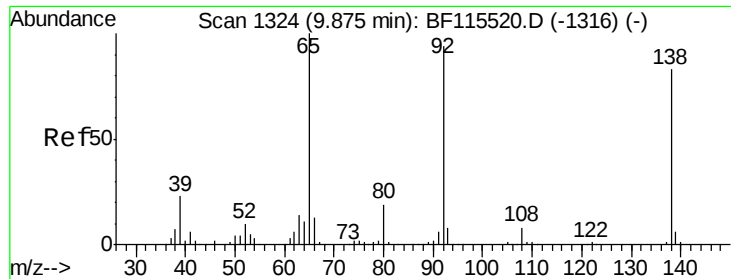
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#52
Acenaphthene
Concen: 35.982 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	844739		
153	111.9	89.5	134.3	
152	53.0	42.2	63.4	





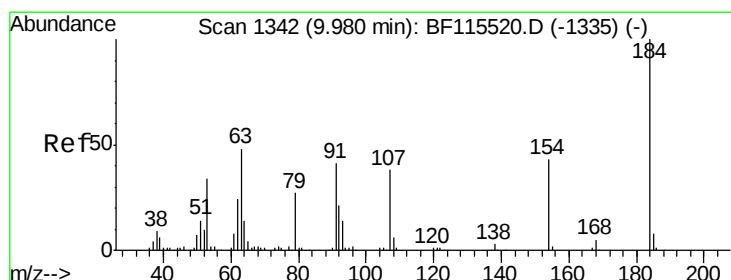
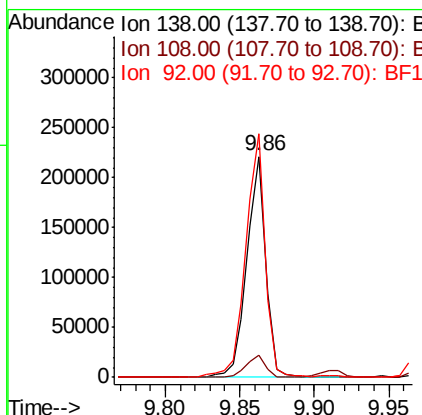
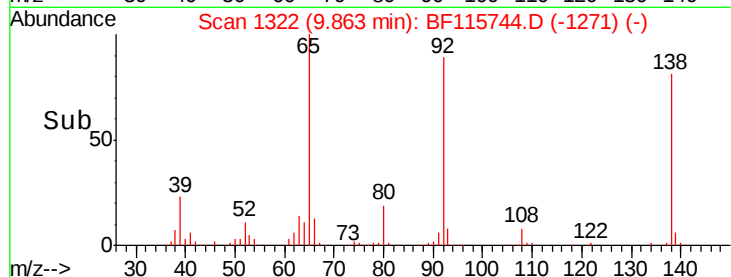
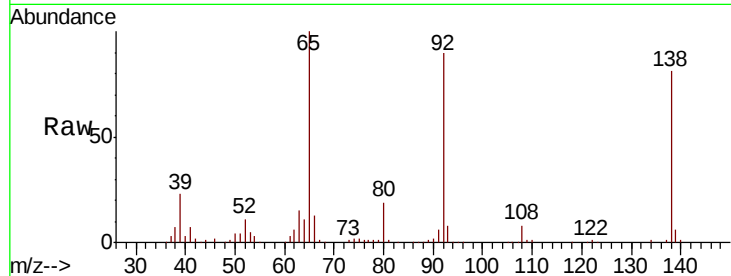
#53
3-Nitroaniline
Concen: 26.482 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.0	12.0
92	110.4	91.0	136.6

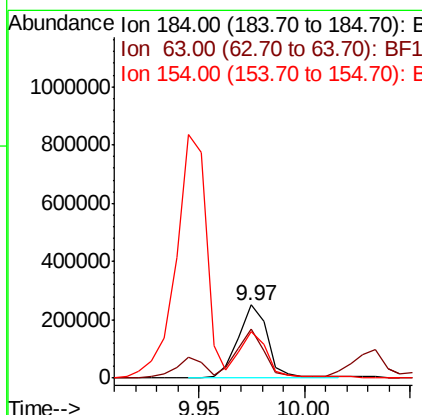
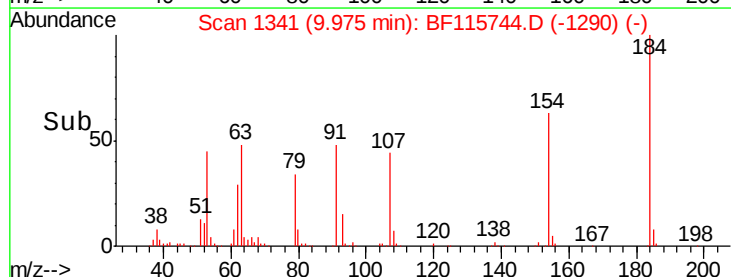
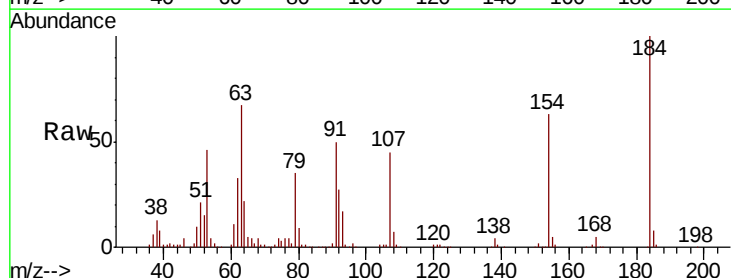
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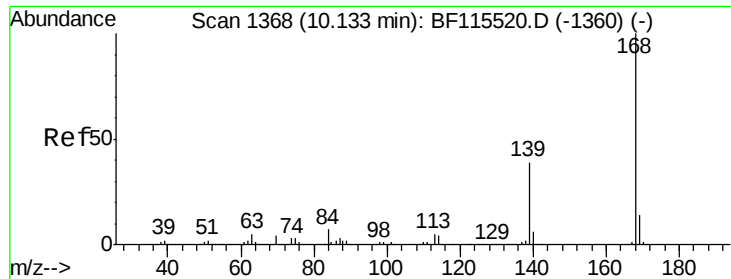
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#54
2,4-Dinitrophenol
Concen: 74.565 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	48.6	72.8
154	63.3	50.6	75.8





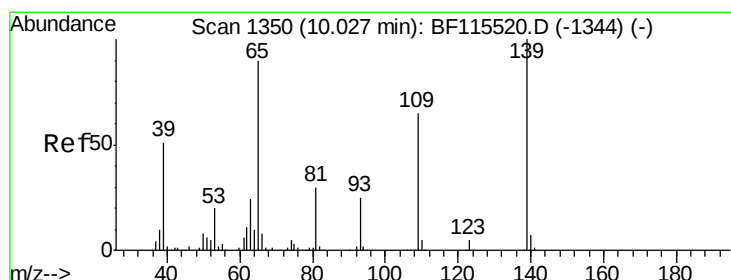
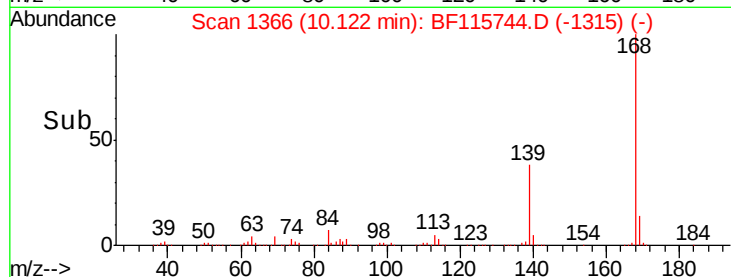
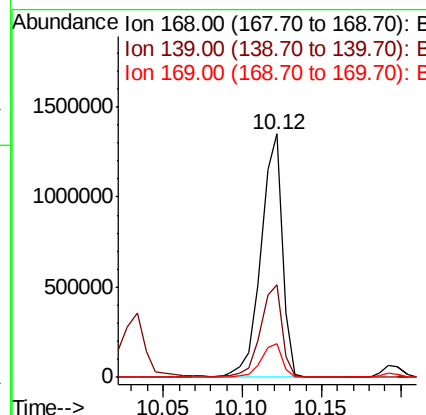
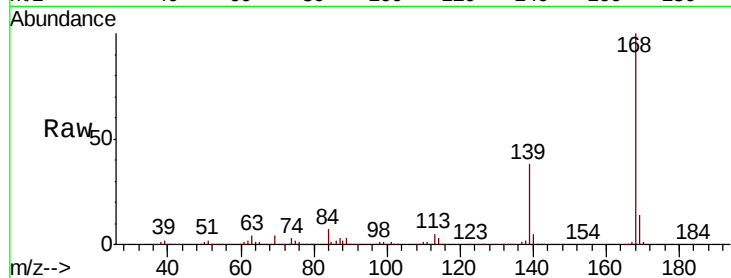
#55
Dibenzofuran
Concen: 38.097 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.3	45.5
169	13.6	11.0	16.6

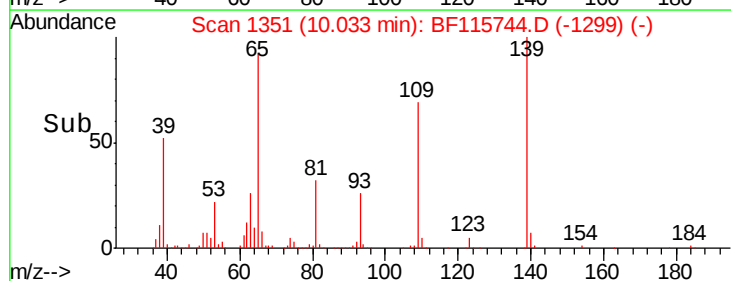
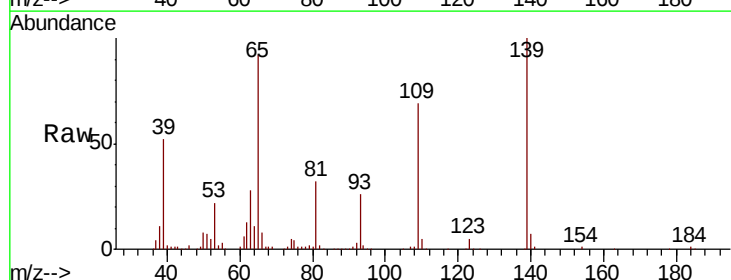
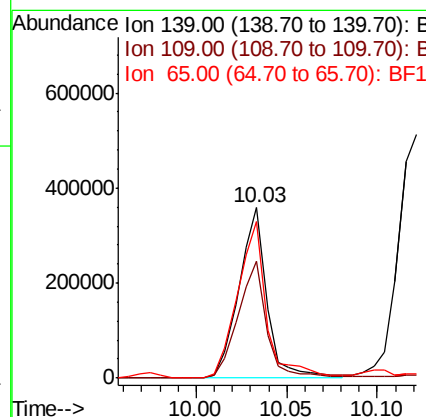
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#56
4-Nitrophenol
Concen: 68.814 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	48.5	88.5
65	91.8	66.5	106.5





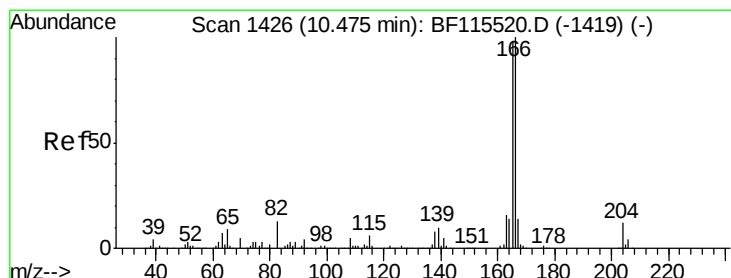
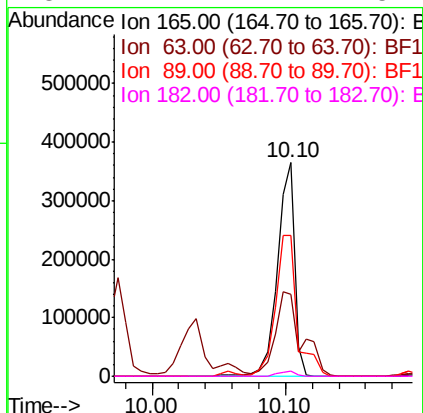
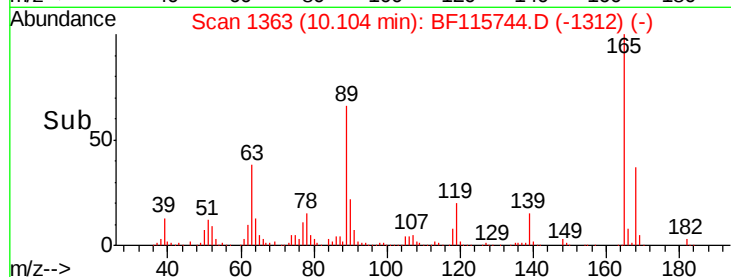
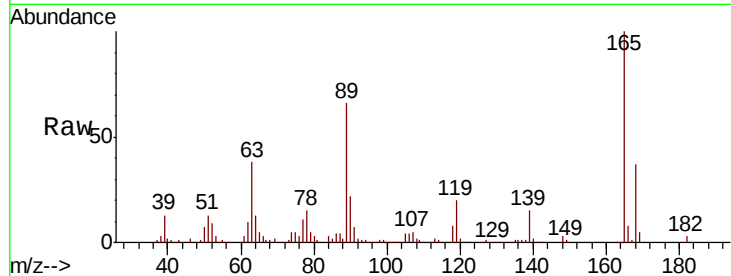
#57
2,4-Dinitrotoluene
Concen: 39.649 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	331109		
63	38.1	29.5	44.3	
89	65.9	52.2	78.4	
182	2.7	2.2	3.2	

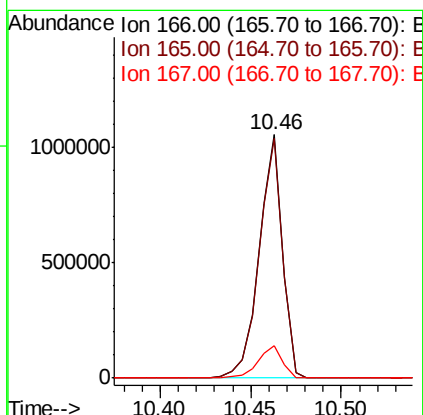
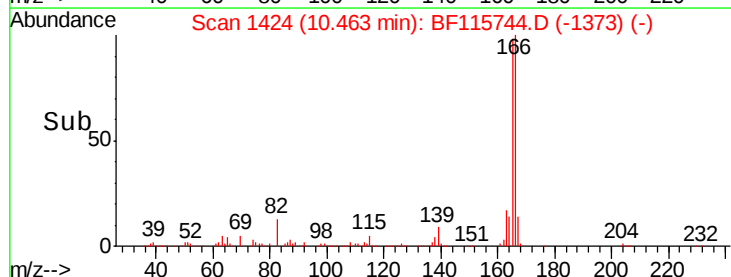
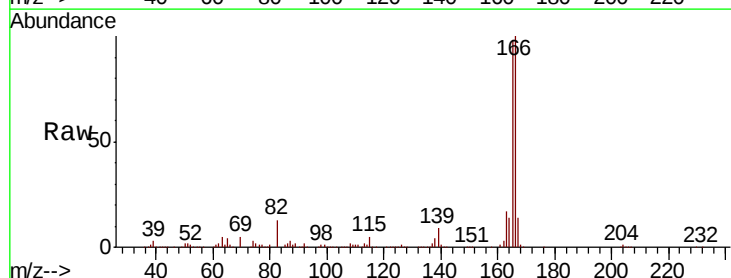
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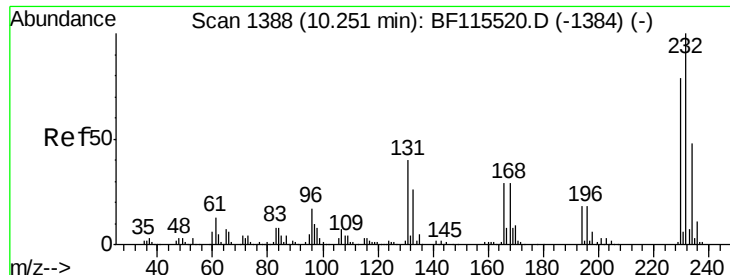
mohammad
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#58
Fluorene
Concen: 39.549 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	942624		
165	98.3	78.1	117.1	
167	13.6	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.828 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB121660BS

Tot Ion:232 Resp: 283073
Ion Ratio Lower Upper

232 100

131 45.5 36.0 54.0

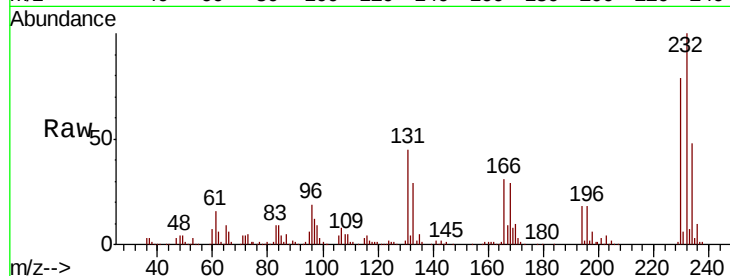
130 2.3 1.9 2.9

166 29.8 23.5 35.3

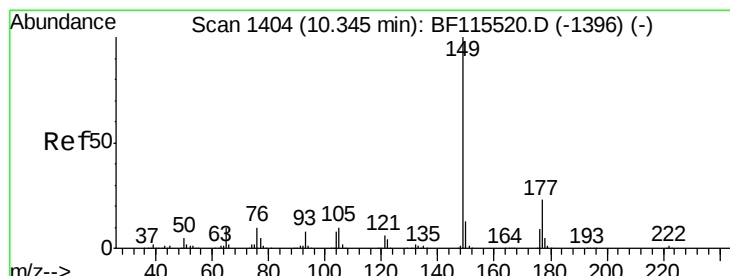
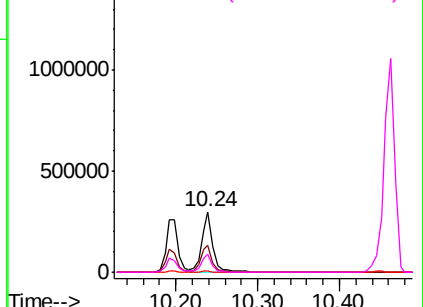
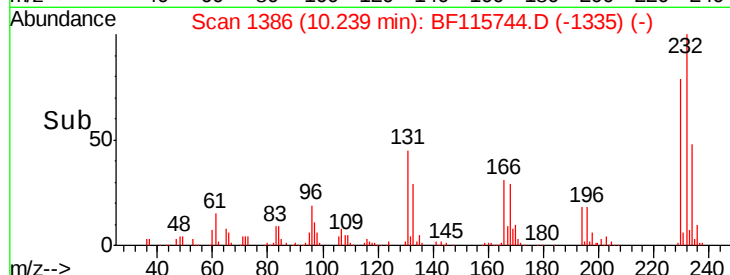
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.549 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF115744.D

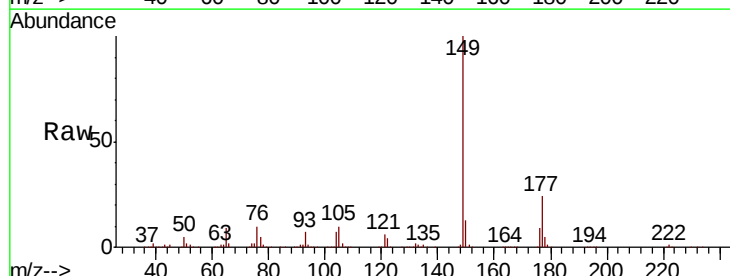
Acq: 24 Jul 2019 10:44

Tgt Ion:149 Resp: 1051051
Ion Ratio Lower Upper

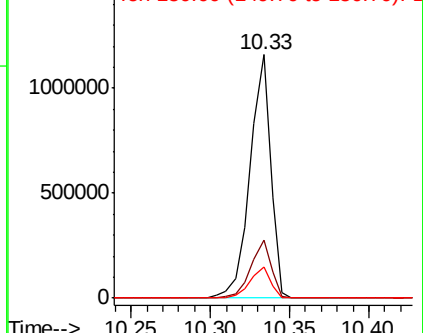
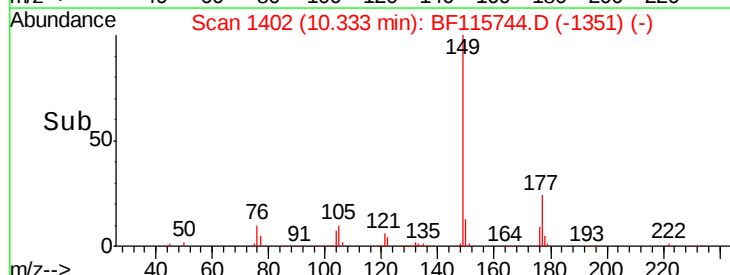
149 100

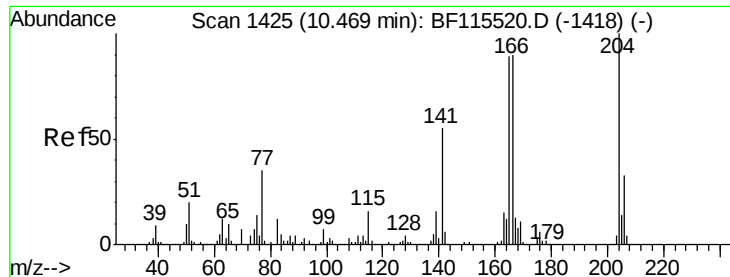
177 23.7 18.9 28.3

150 12.9 10.1 15.1



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





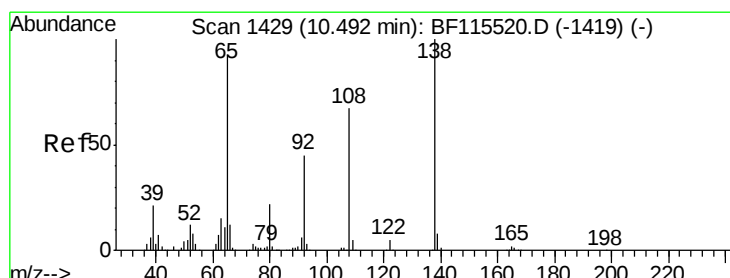
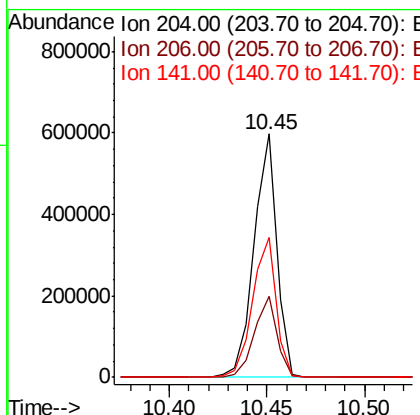
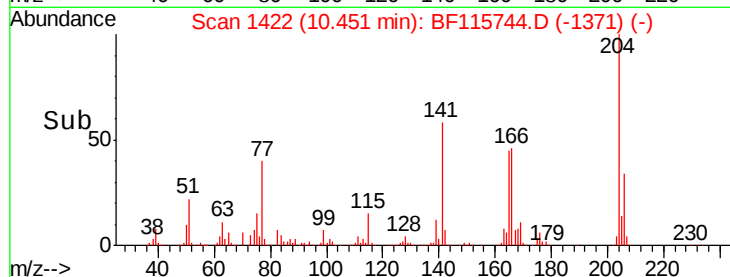
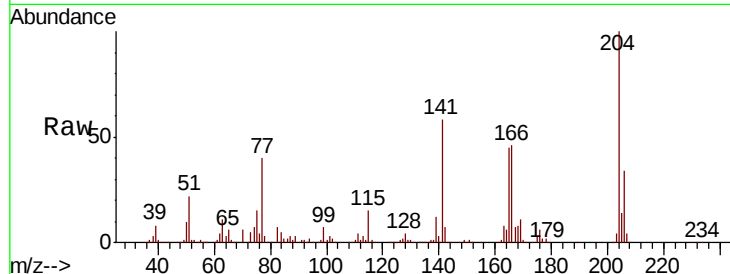
#61
 4-Chlorophenyl-phenylether
 Concen: 36.800 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	57.6	47.6	71.4

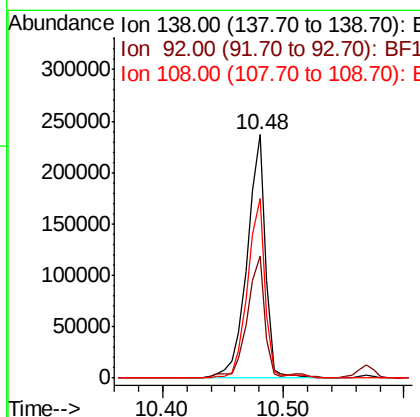
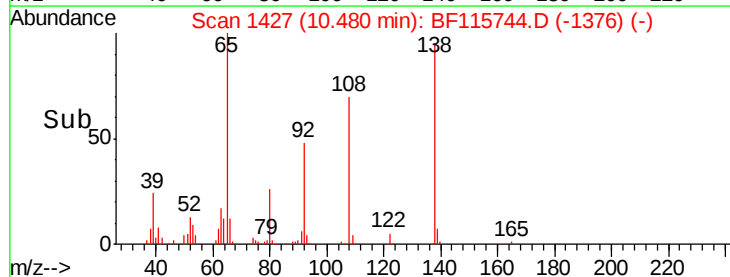
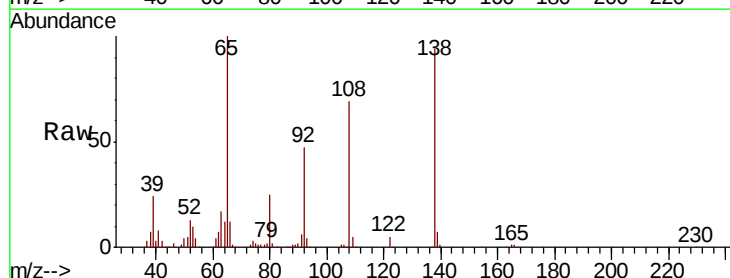
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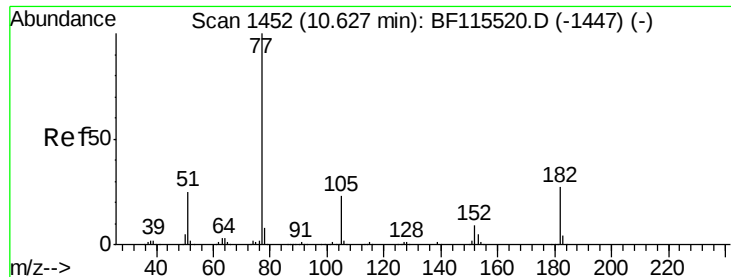
mohammad
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#62
 4-Nitroaniline
 Concen: 35.789 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	29.3	69.3
108	73.9	53.6	93.6





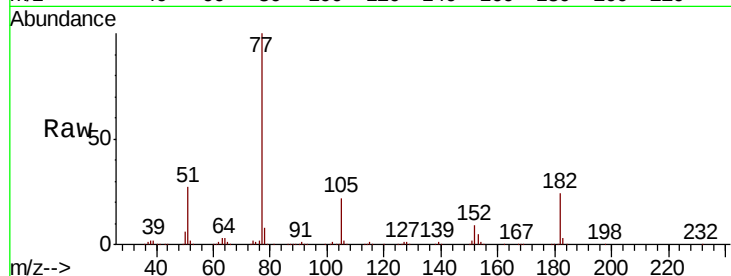
#63
Azobenzene
Concen: 41.445 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion:	77	Resp:	1068344
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.2	44.2
105	22.3	2.5	42.5
51	26.6	7.0	47.0

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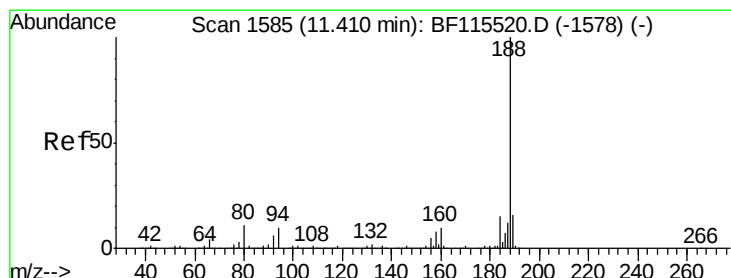
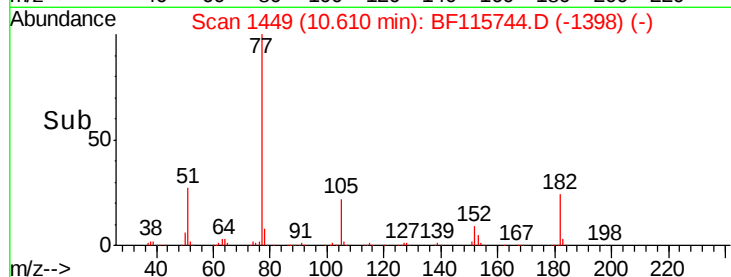
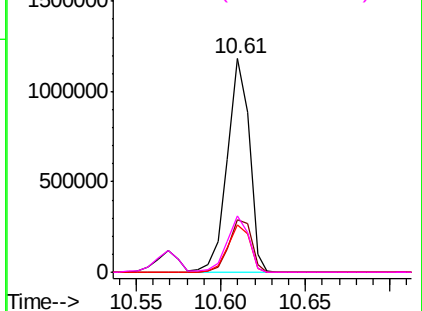


Abundance Ion 77.00 (76.70 to 77.70): BF115520.D (-1447) (-)

Ion 182.00 (181.70 to 182.70): BF115520.D (-1447) (-)

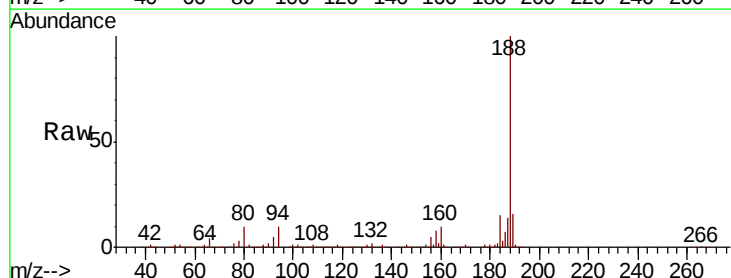
Ion 105.00 (104.70 to 105.70): BF115520.D (-1447) (-)

Ion 51.00 (50.70 to 51.70): BF115520.D (-1447) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

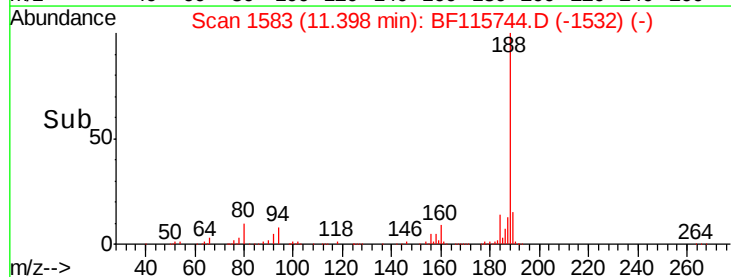
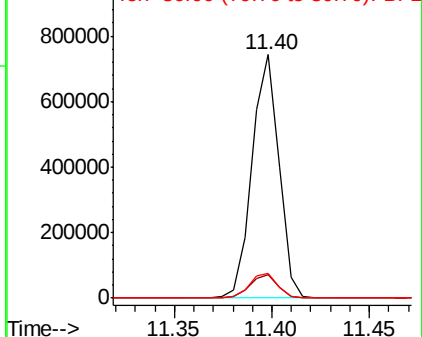
Tgt Ion:	188	Resp:	709096
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.3	8.4	12.6



Abundance Ion 188.00 (187.70 to 188.70): BF115520.D (-1578) (-)

Ion 94.00 (93.70 to 94.70): BF115520.D (-1578) (-)

Ion 80.00 (79.70 to 80.70): BF115520.D (-1578) (-)





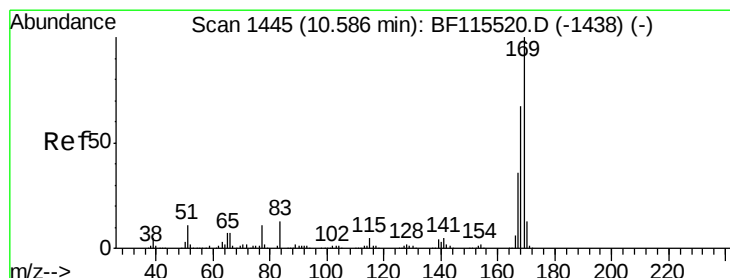
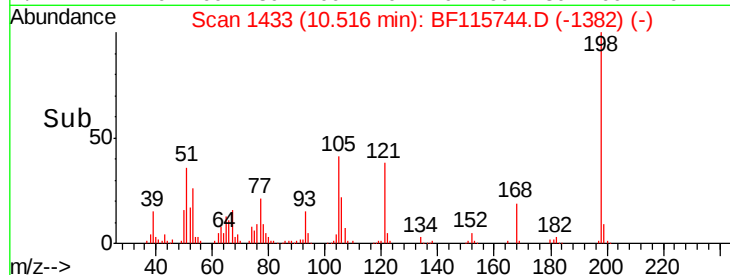
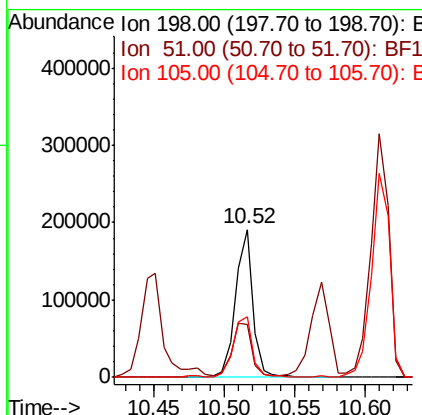
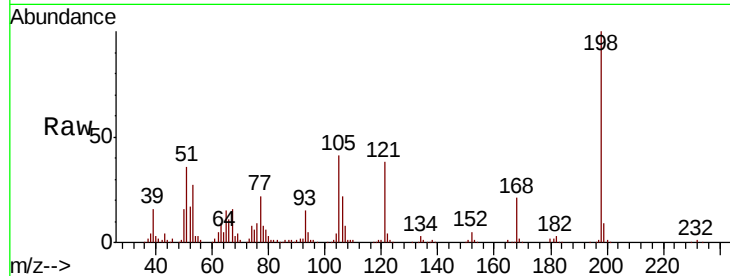
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.862 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.8	15.7	55.7
105	41.2	21.5	61.5

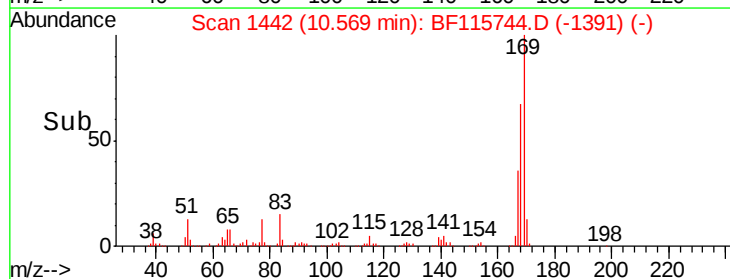
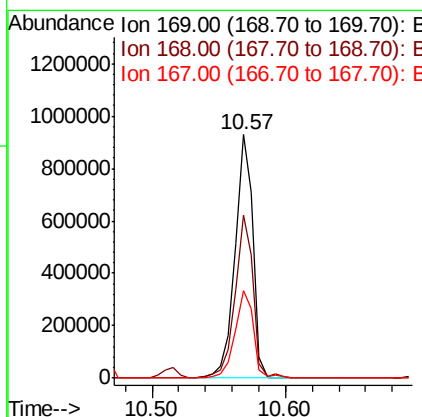
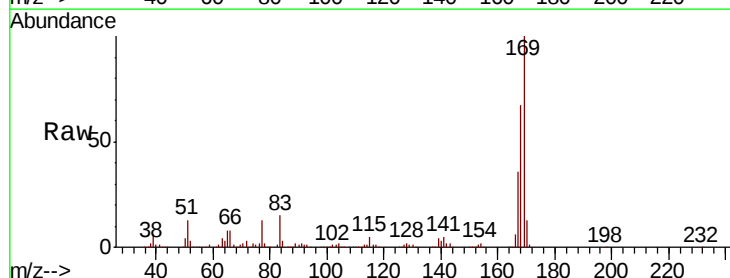
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#66
 n-Nitrosodiphenylamine
 Concen: 39.646 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.5	80.3
167	36.1	29.0	43.4





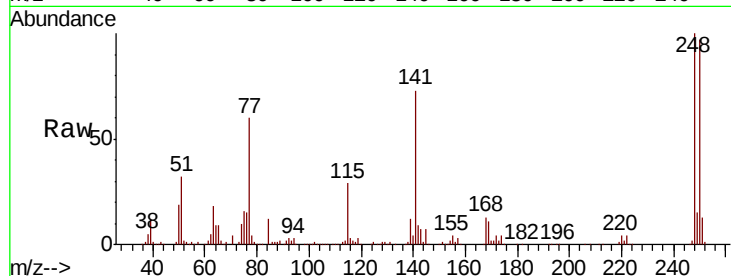
#67
4-Bromophenyl-phenylether
Concen: 37.726 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.1	114.1
141	72.6	57.7	86.5

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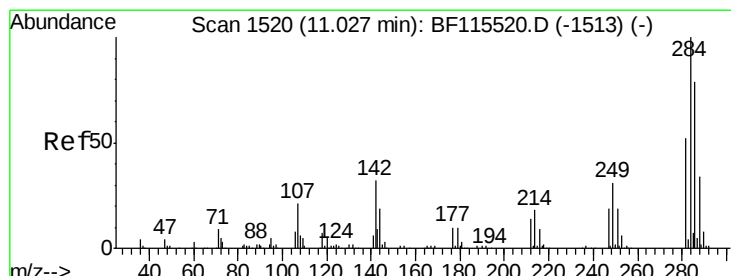
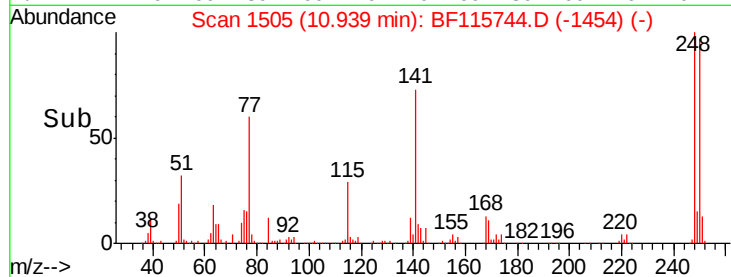
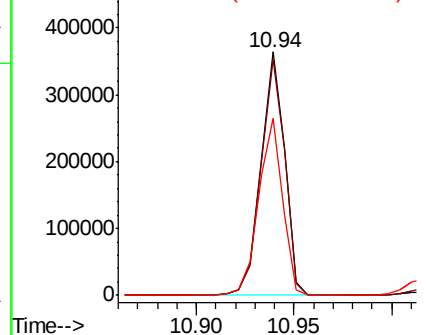


Abundance

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: 37.278 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

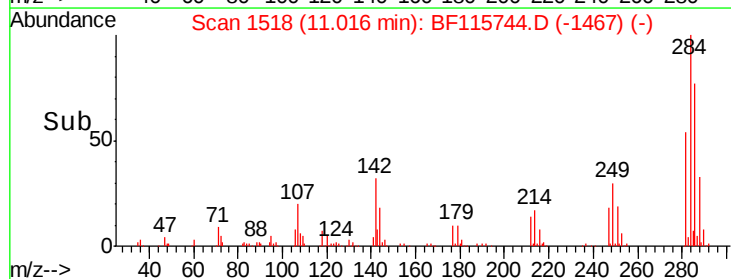
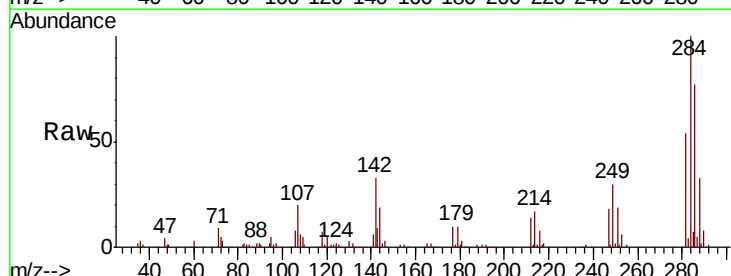
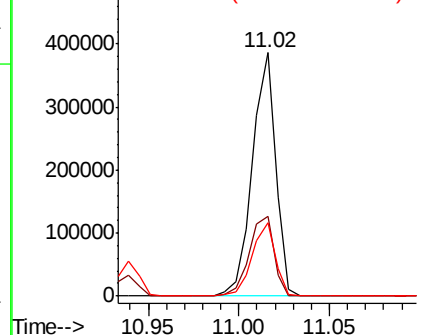
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.4	39.6
249	30.1	23.8	35.8

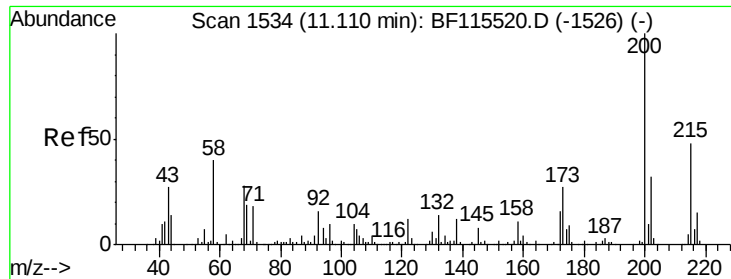
Abundance

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





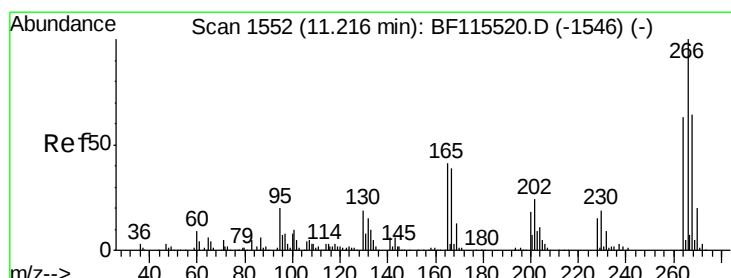
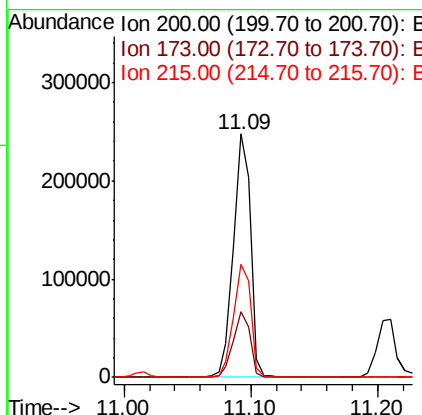
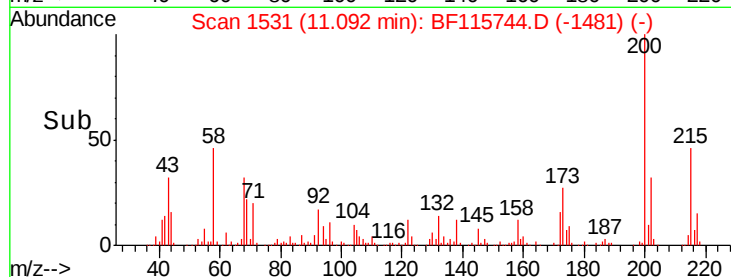
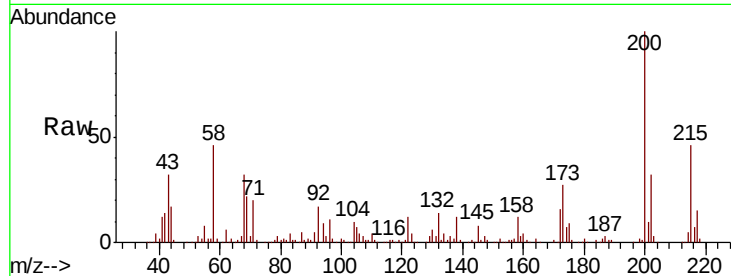
#69
Atrazine
Concen: 31.808 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	230162		
173	26.8	6.1	46.1	
215	46.3	28.8	68.8	

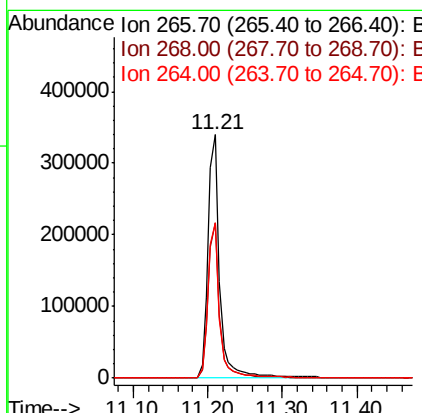
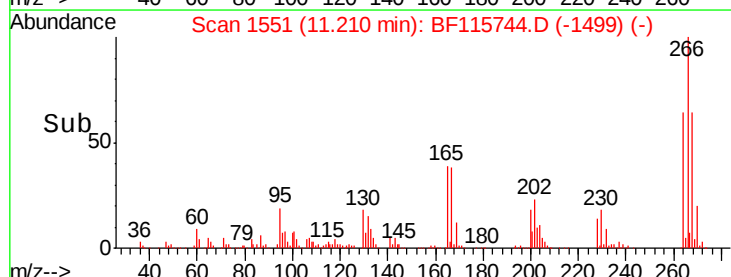
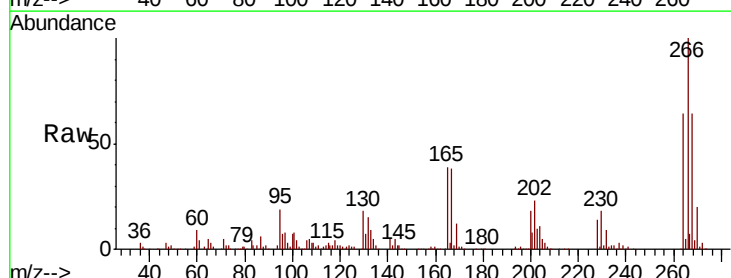
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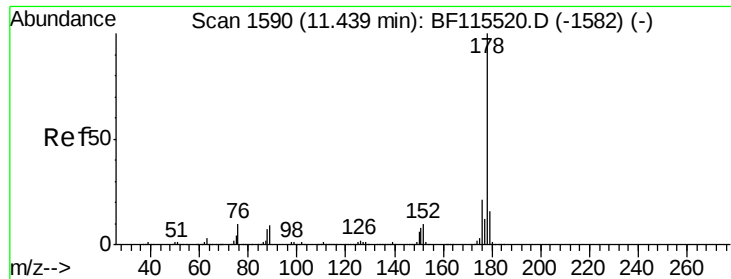
mohammad
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#70
Pentachlorophenol
Concen: 66.343 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	375494		
268	63.6	50.8	76.2	
264	64.0	50.3	75.5	





#71

Phenanthrene

Concen: 38.905 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB121660BS

Tot Ion:178 Resp: 1414103

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

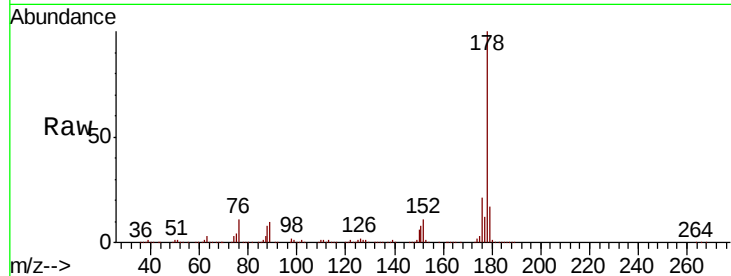
179 16.5 13.0 19.6

Manual Integrations

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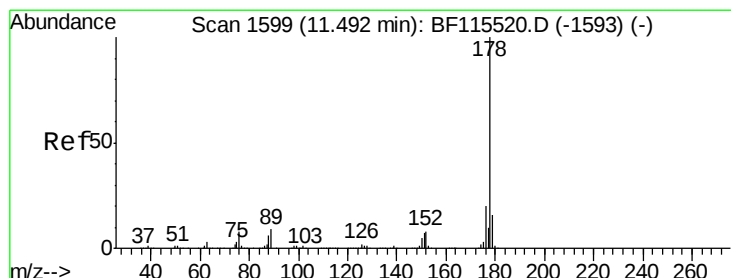
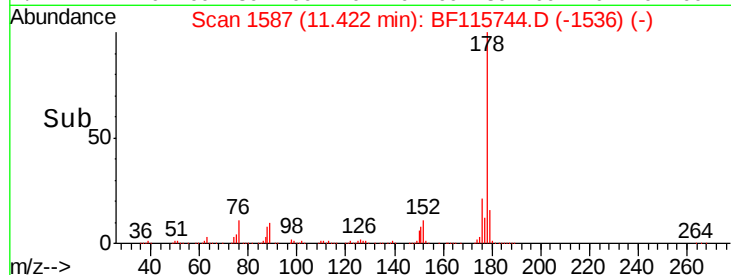
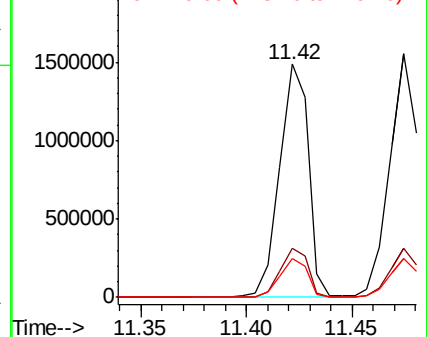


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.383 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:178 Resp: 1441814

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

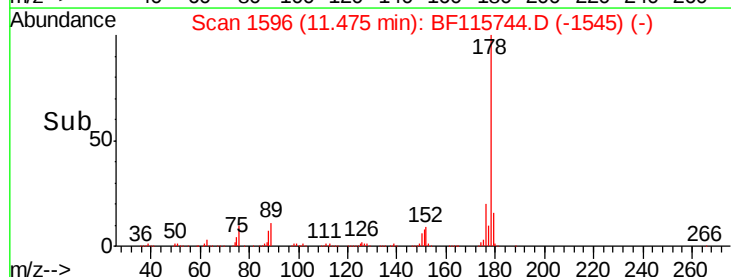
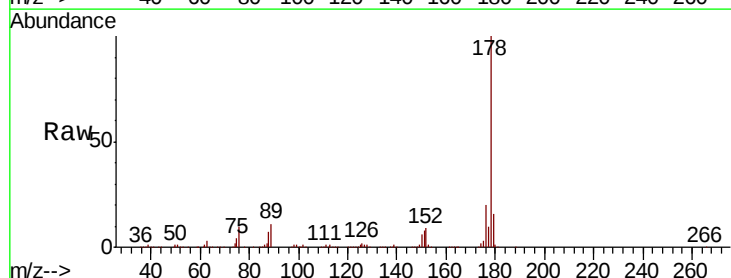
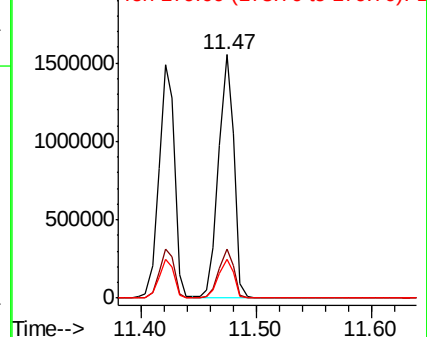
179 16.2 13.1 19.7

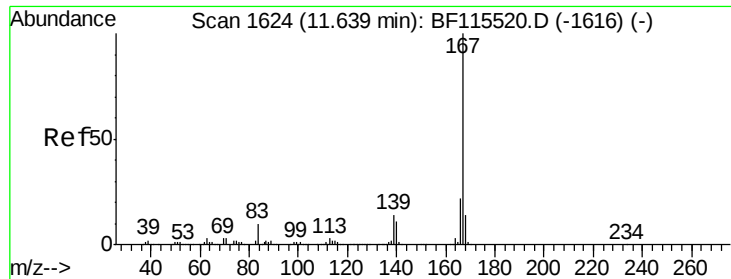
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





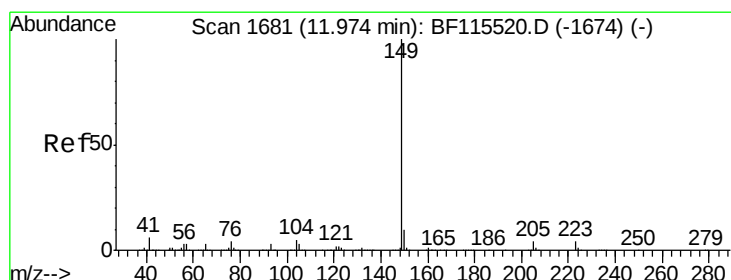
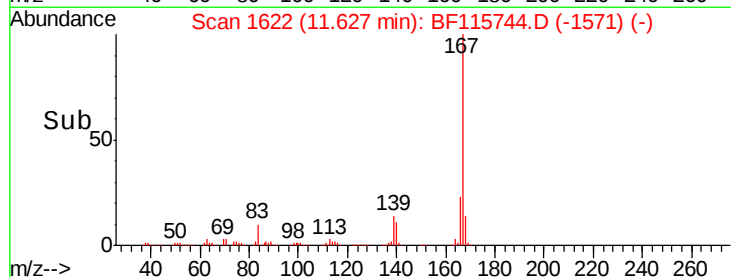
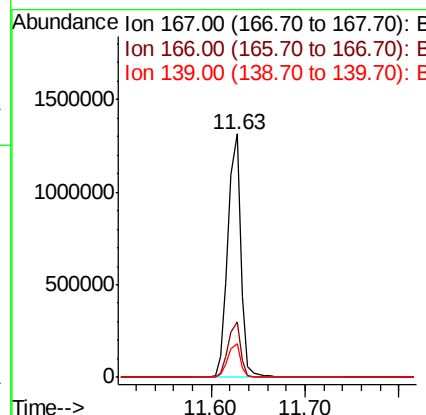
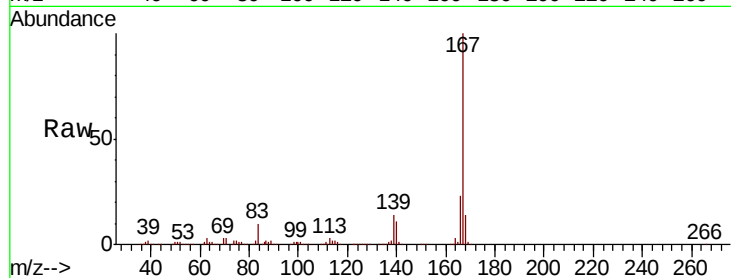
#73
 Carbazole
 Concen: 39.025 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.5	27.7
139	13.8	11.1	16.7

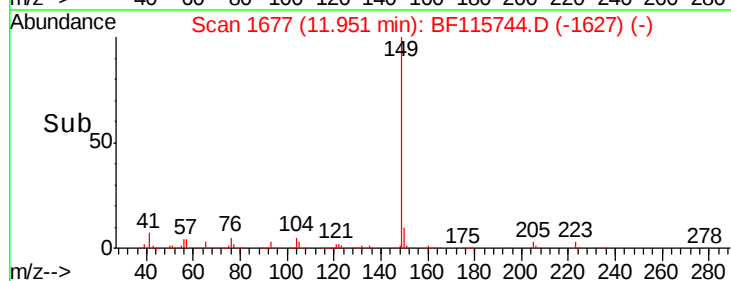
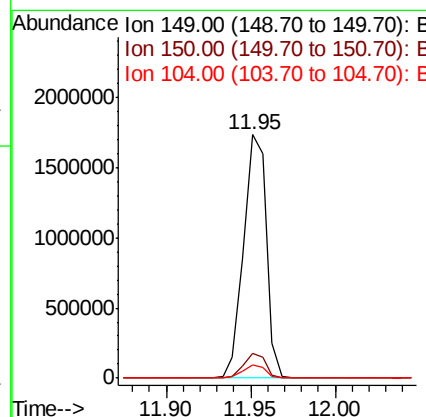
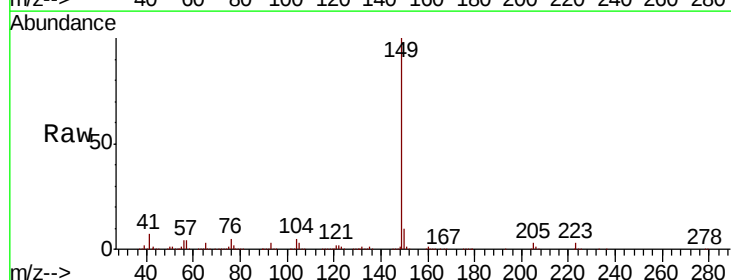
Manual Integrations
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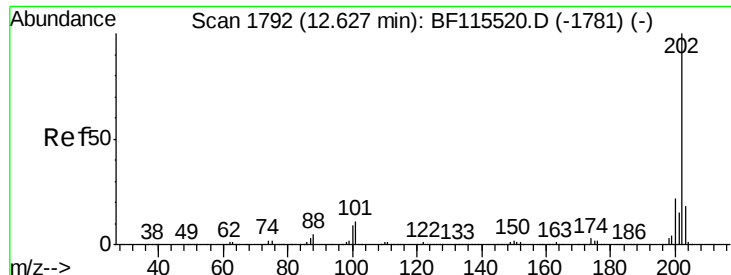
mohammad
 7/25/2019 2:17:25 PM



#74
 Di-n-butylphthalate
 Concen: 40.108 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.4	4.2	6.2





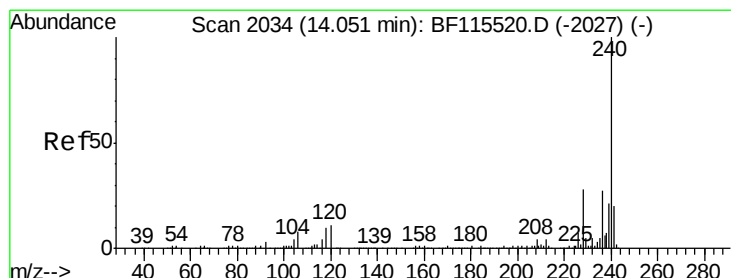
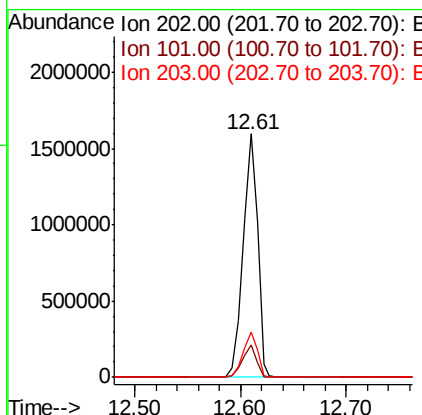
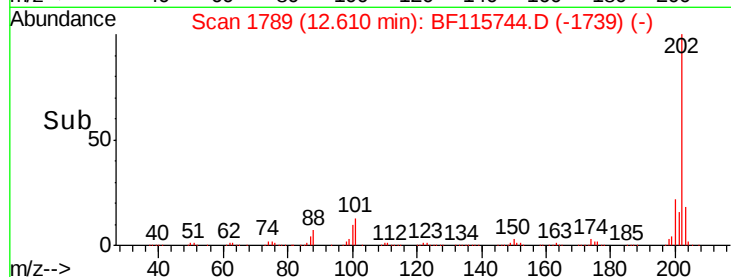
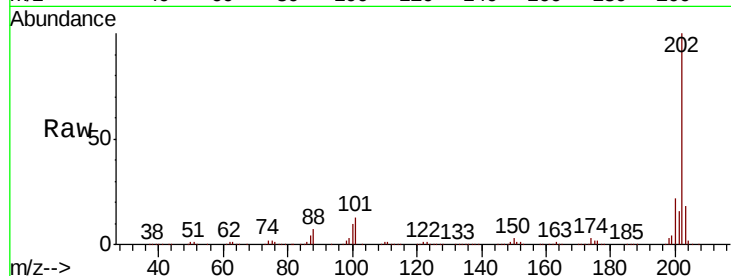
#75
Fluoranthene
Concen: 38.782 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.1
203	18.5	0.0	37.7

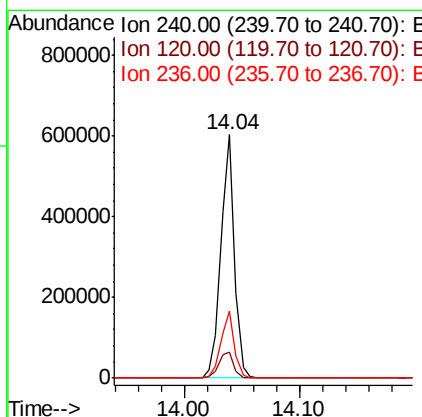
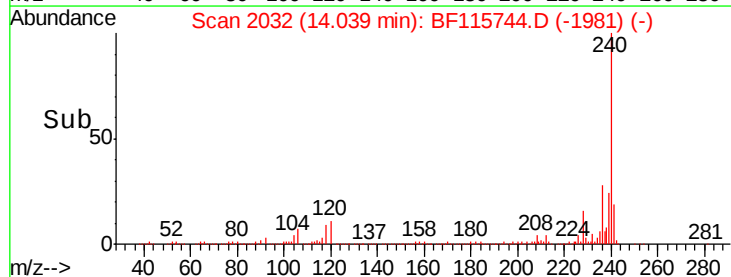
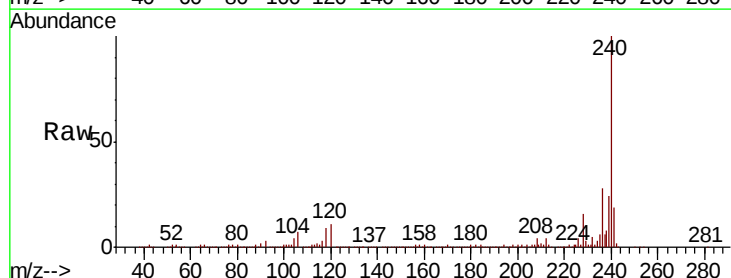
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.3	15.5
236	27.6	21.9	32.9





#77

Benzidine

Concen: 14.845 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

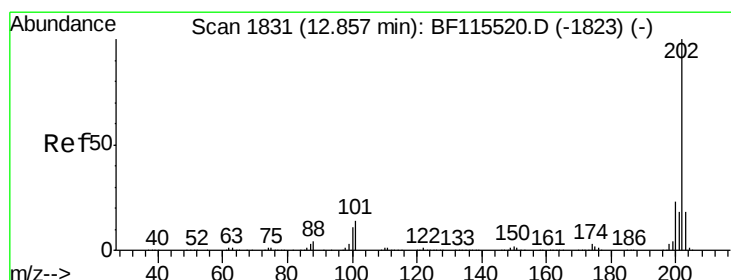
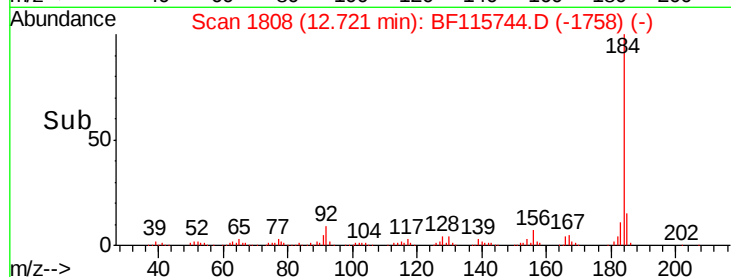
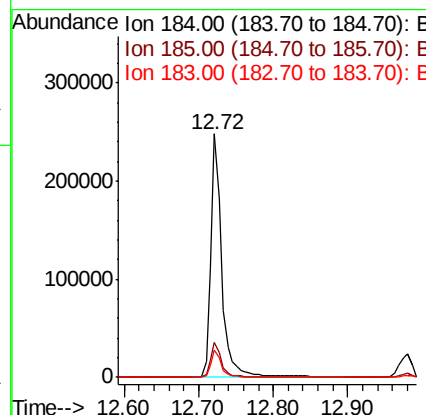
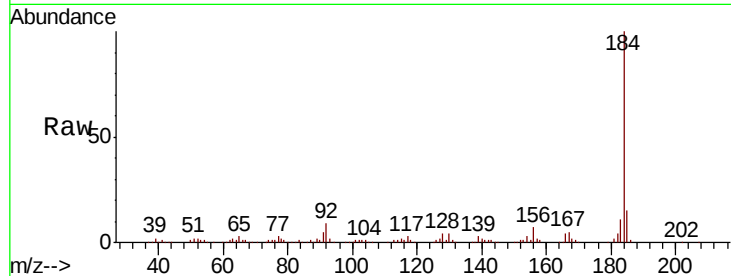
ClientSampleId :

PB121660BS

Tot Ion:	184	Resp:	258025
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	11.0	9.4	14.0

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#78

Pyrene

Concen: 36.640 ng

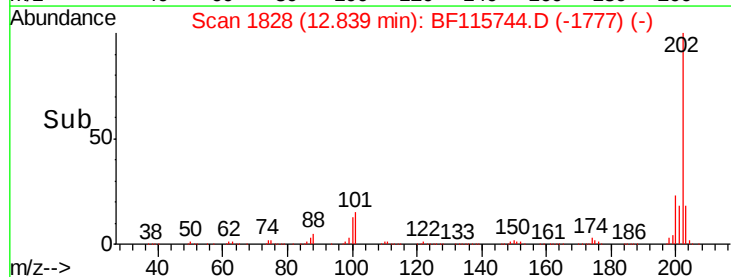
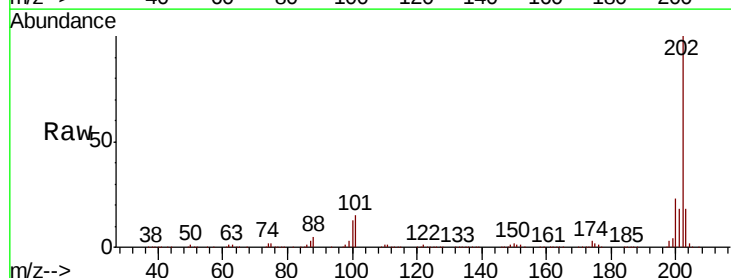
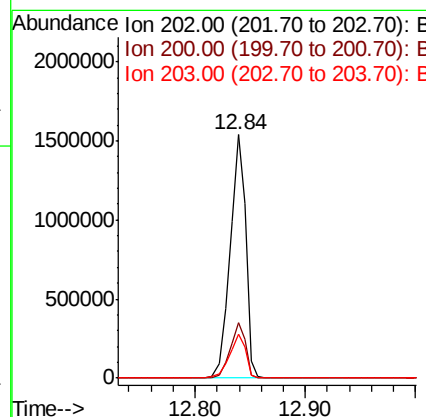
RT: 12.84 min Scan# 1828

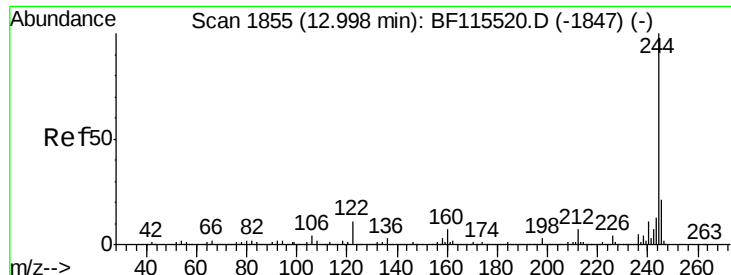
Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:	202	Resp:	1523073
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.1	27.1
203	18.1	14.7	22.1





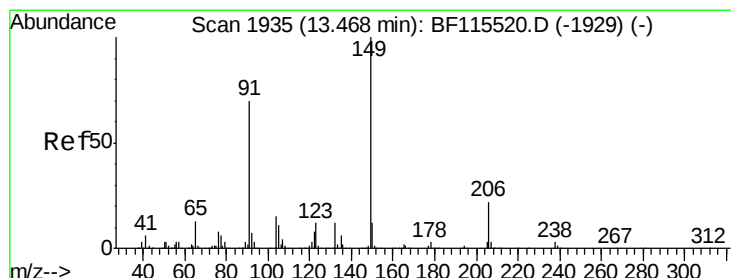
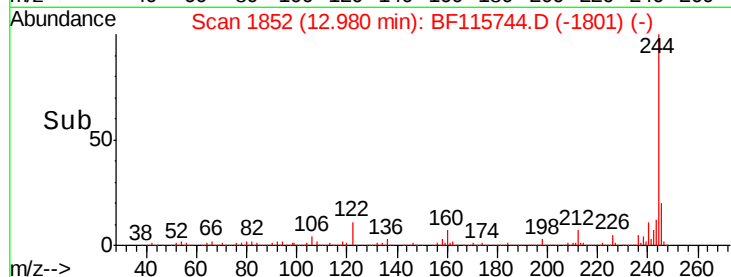
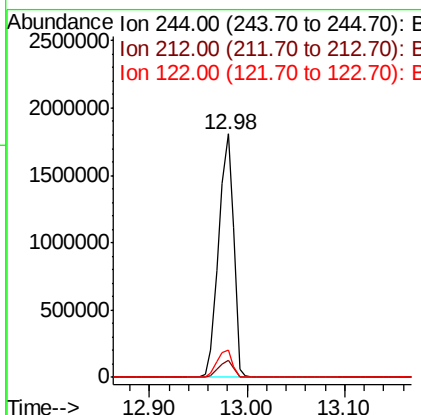
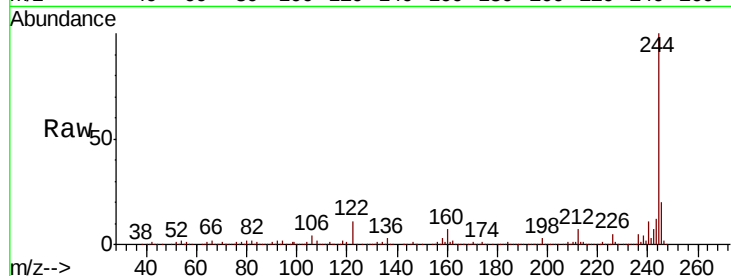
#79
 Terphenyl-d14
 Concen: 72.511 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB121660BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.3	9.4	14.0

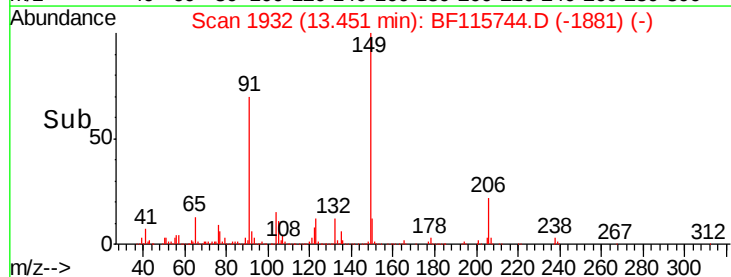
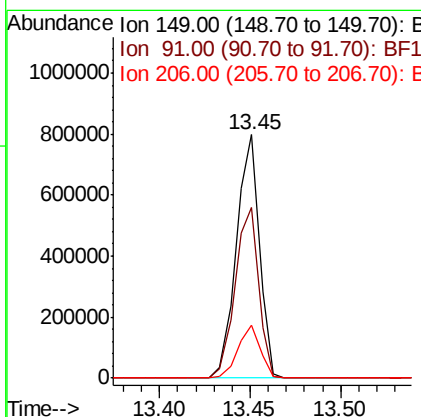
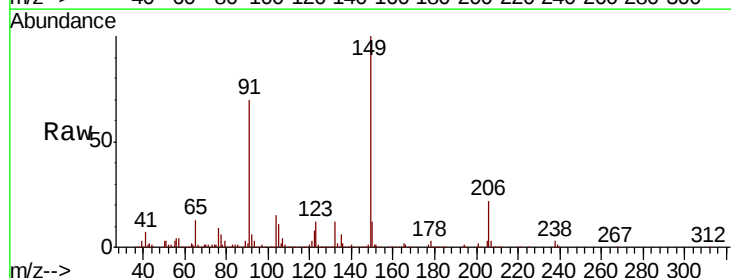
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#80
 Butylbenzylphthalate
 Concen: 39.717 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	58.2	87.2
206	21.8	16.9	25.3





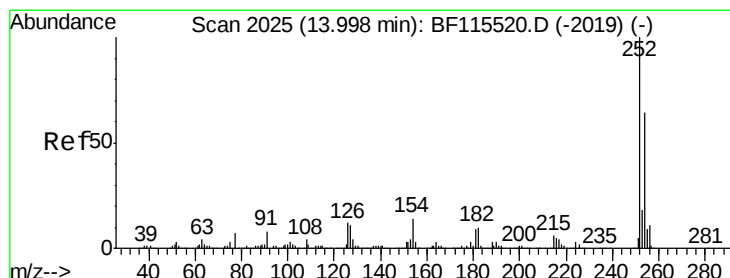
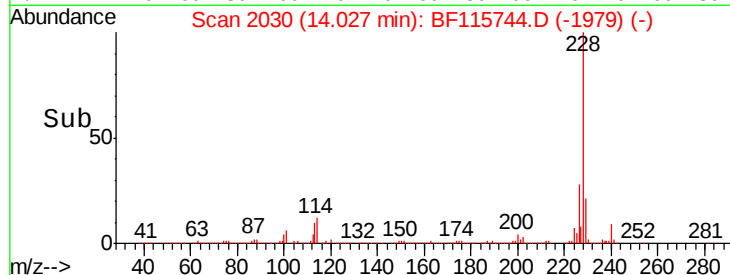
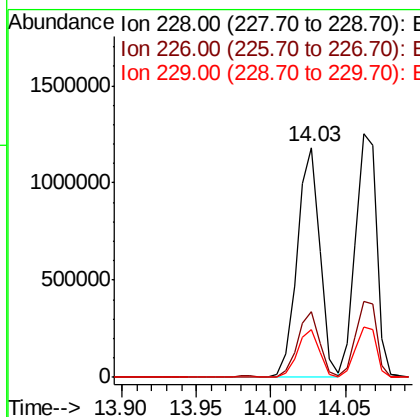
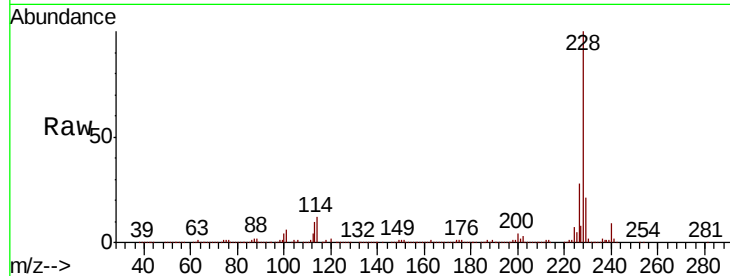
#81
Benzo(a)anthracene
Concen: 38.803 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.7	16.6	24.8

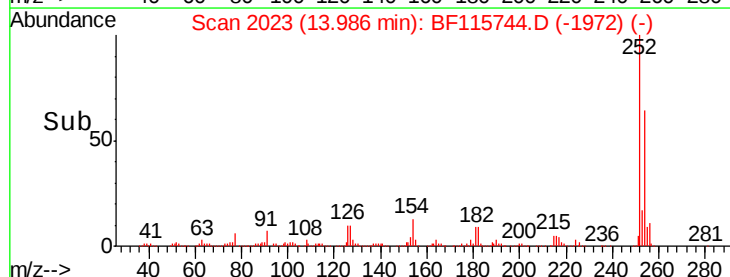
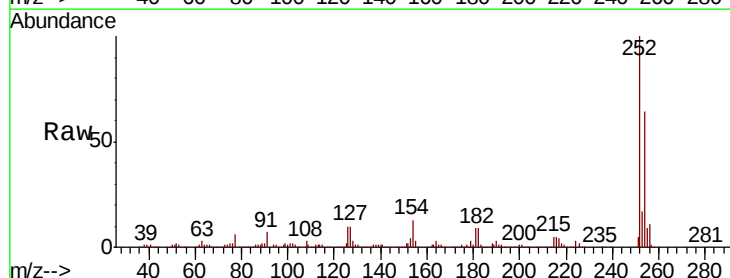
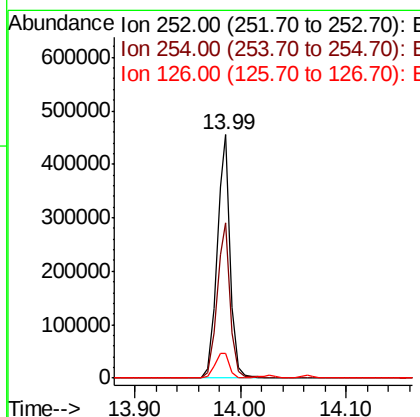
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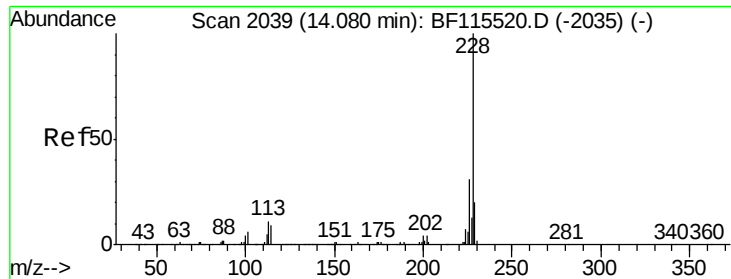
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#82
3,3'-Dichlorobenzidine
Concen: 34.910 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.0
126	10.3	9.4	14.0





#83

Chrysene

Concen: 38.413 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

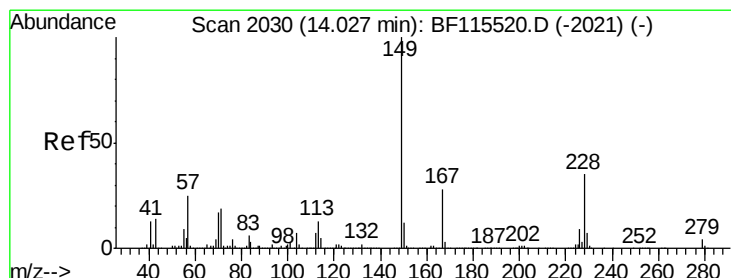
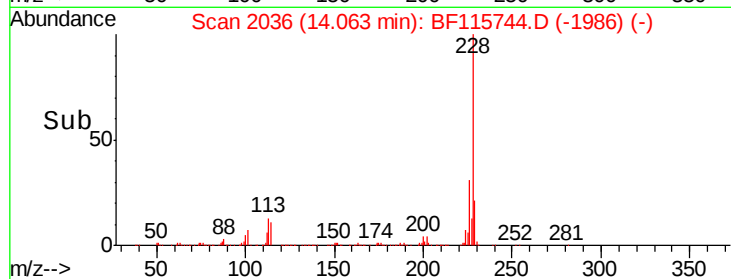
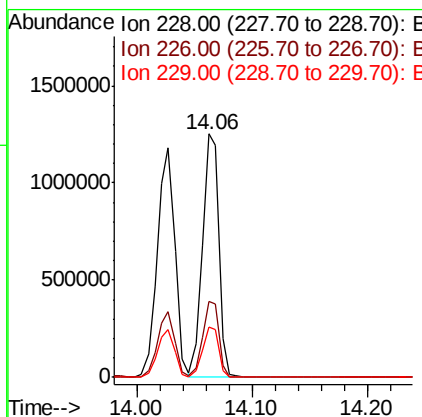
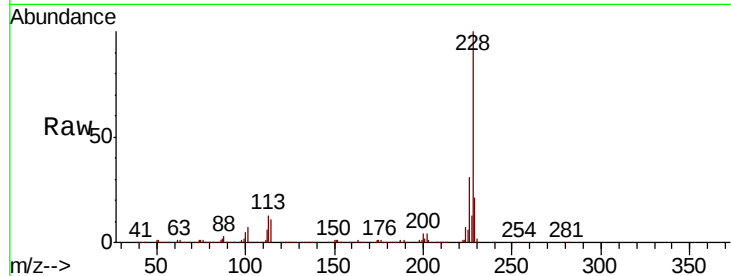
ClientSampleId :

PB121660BS

Tot Ion:	228	Resp:	1246423
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	20.9	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.156 ng

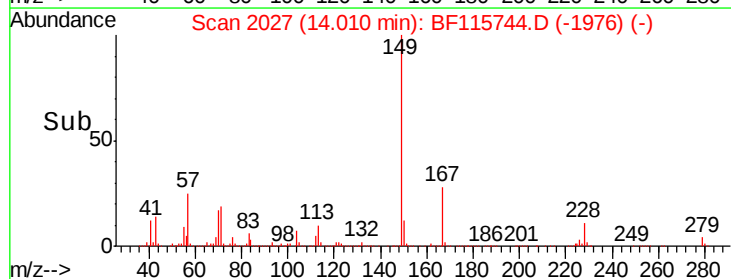
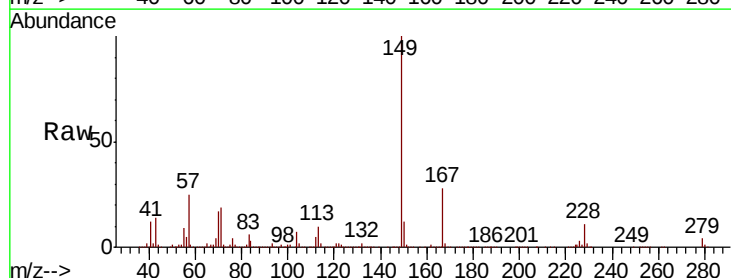
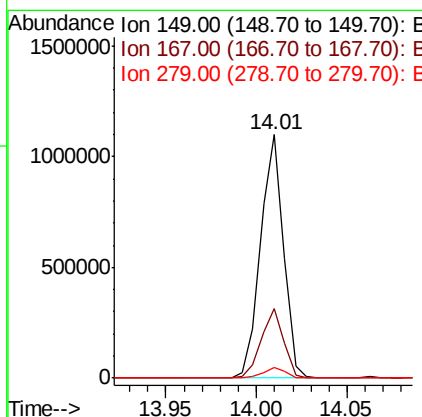
RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:	149	Resp:	969220
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 44.799 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

PB121660BS

Tot Ion:149 Resp: 1564572

Ion Ratio Lower Upper

149 100

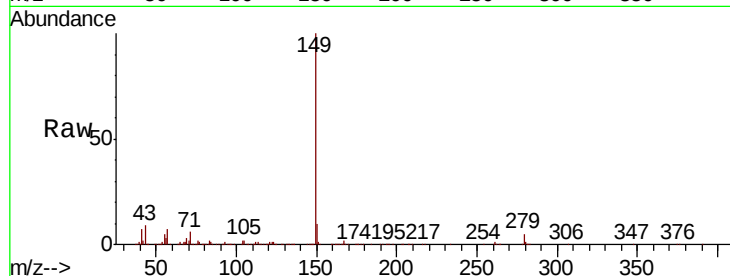
167 1.6 1.4 2.0

43 9.0 7.4 11.0

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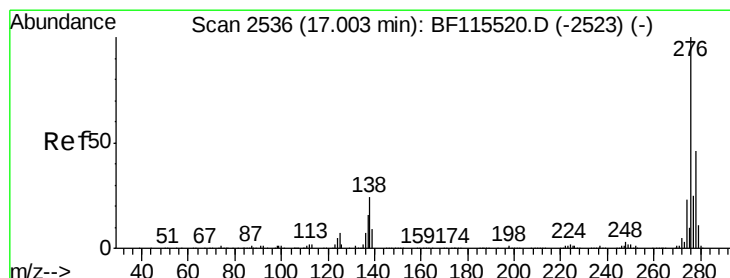
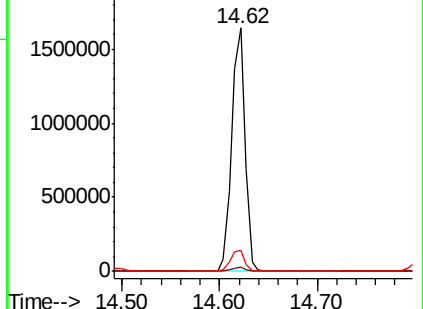
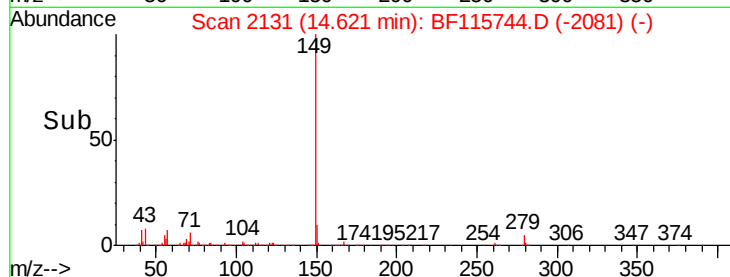
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.118 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

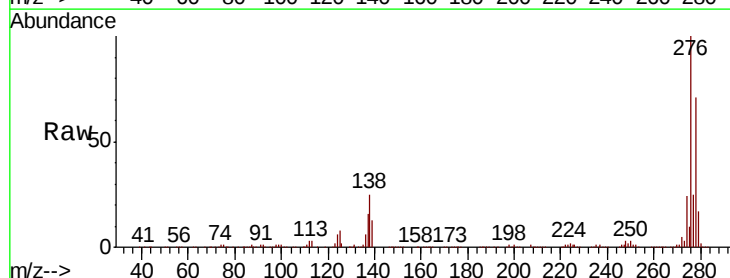
Tgt Ion:276 Resp: 1050827

Ion Ratio Lower Upper

276 100

138 25.3 20.6 31.0

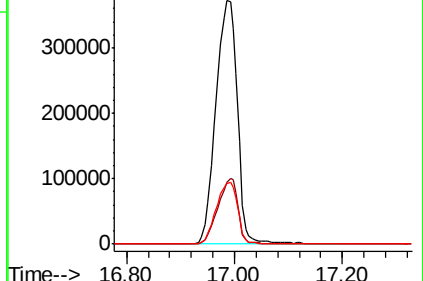
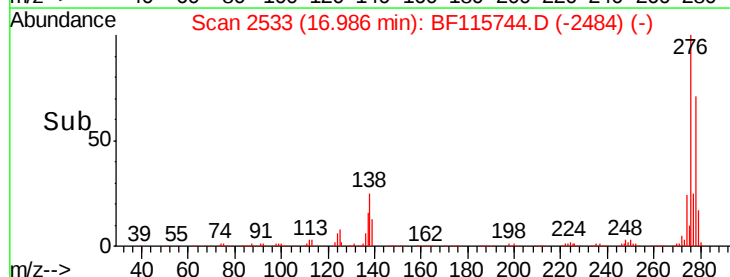
277 25.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

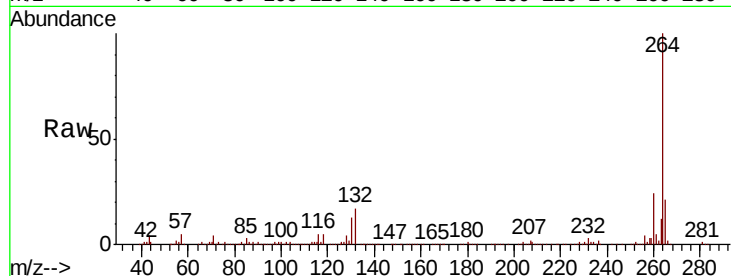
ClientSampleId :

PB121660BS

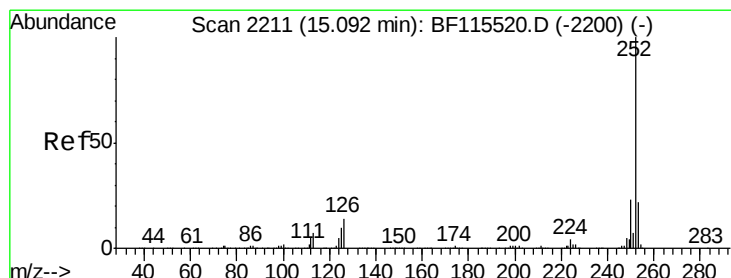
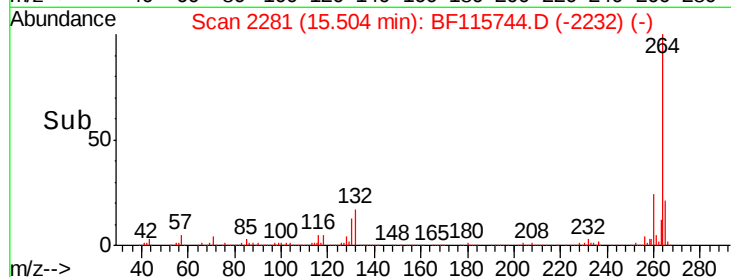
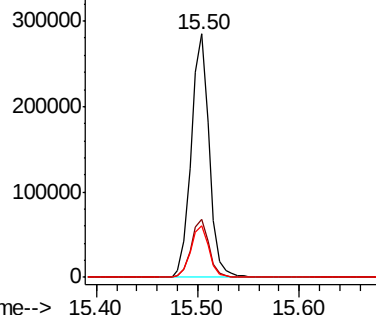
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3

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



#88

Benzo(b)fluoranthene

Concen: 52.749 ng

RT: 15.08 min Scan# 2209

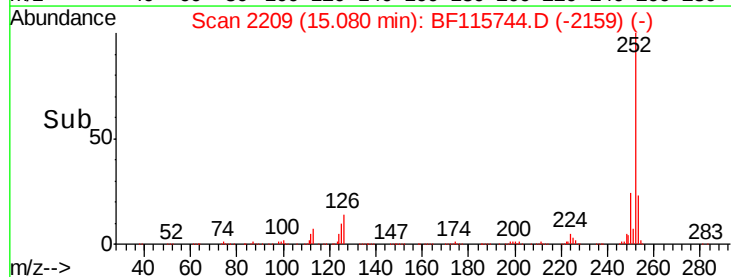
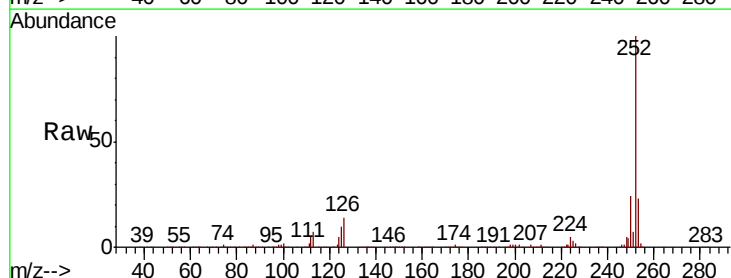
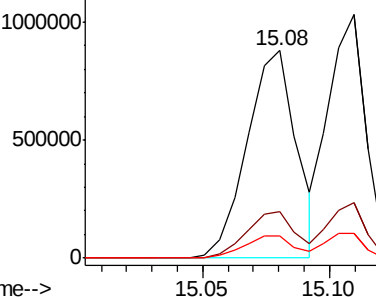
Delta R.T. -0.01 min

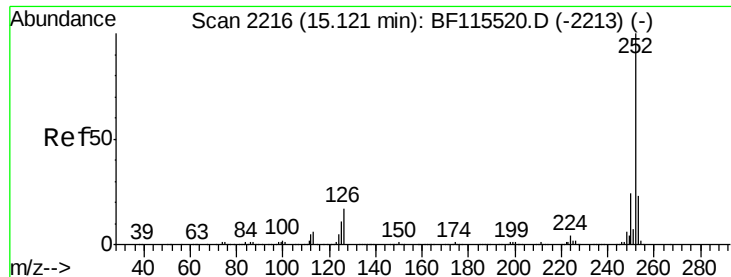
Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.4	8.7	13.1

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





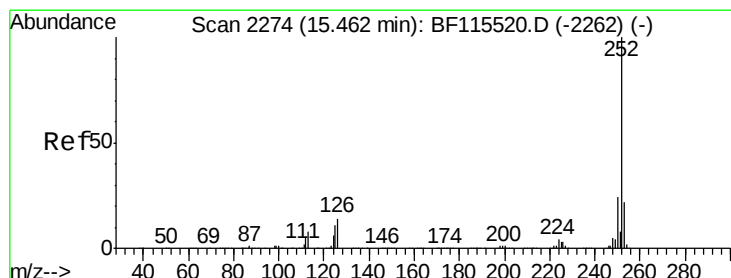
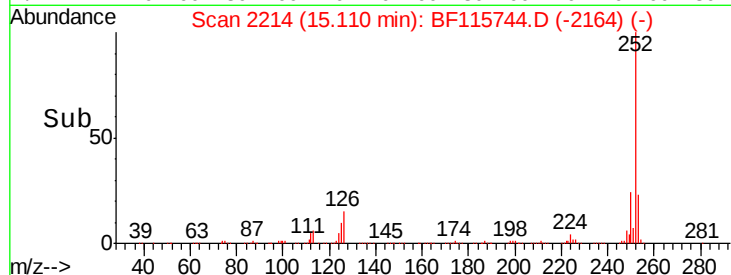
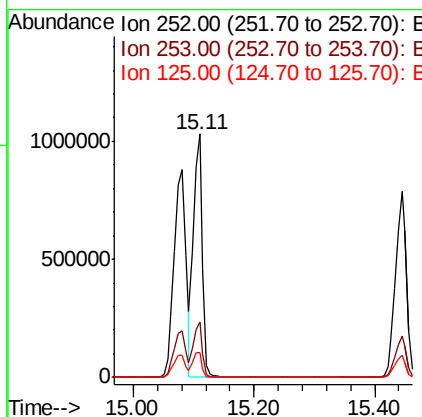
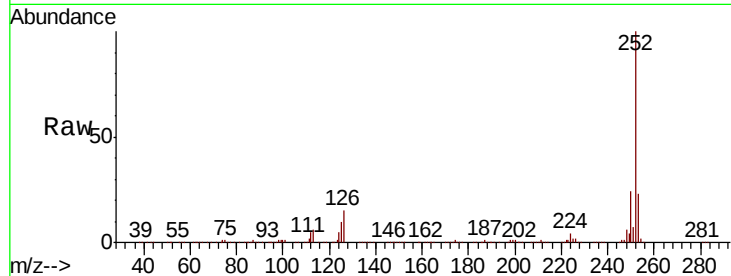
#89
Benzo(k)fluoranthene
Concen: 53.113 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampled :
PB121660BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.0	8.9	13.3

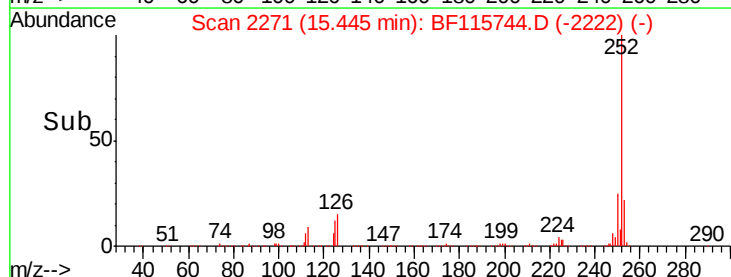
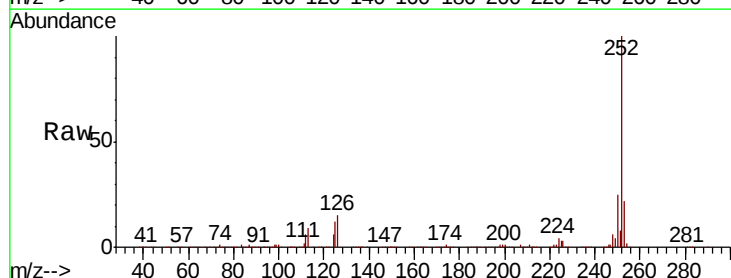
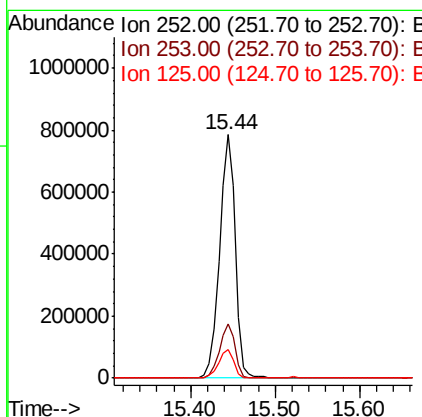
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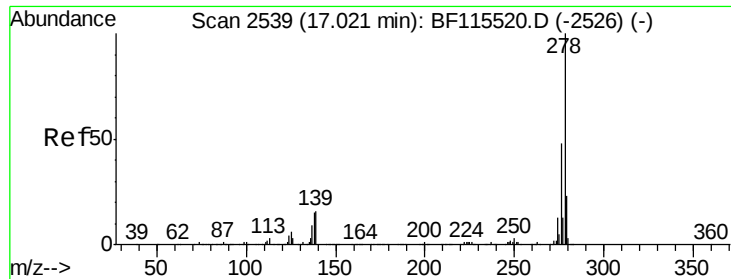
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#90
Benzo(a)pyrene
Concen: 52.917 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.7	9.4	14.2





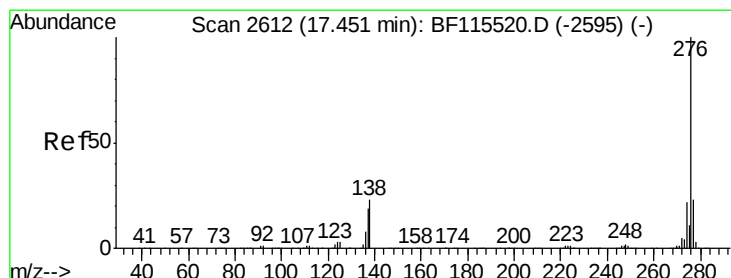
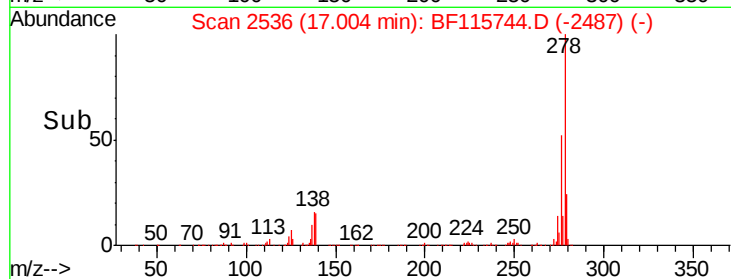
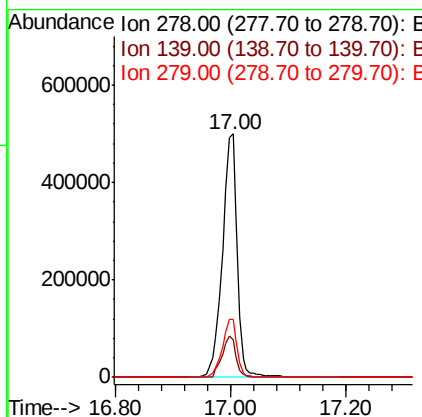
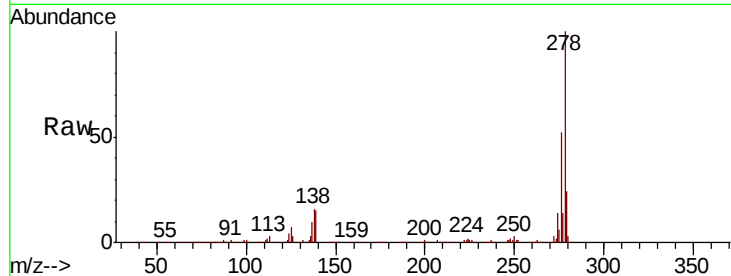
#91
Dibenzo(a,h)anthracene
Concen: 52.517 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :
PB121660BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.6
279	23.6	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 50.082 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	21.3	17.8	26.8

