

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115782.D
 Acq On : 26 Jul 2019 12:21
 Operator : HP/JU
 Sample : PB121703BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Manual Integrations
 APPROVED

mohammad
 7/29/2019 5:28:44 PM

Quant Time: Jul 26 18:12:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	722950	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	364103	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	664125	20.00	ng	0.00
76) Chrysene-d12	14.03	240	450113	20.00	ng	0.00
87) Perylene-d12	15.50	264	319754	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1086906	102.89	ng	0.02
7) Phenol-d6	6.51	99	1413469	105.45	ng	0.00
23) Nitrobenzene-d5	7.43	82	894328	71.93	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	398030	93.65	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1615506	77.66	ng	0.00
79) Terphenyl-d14	12.97	244	1653936	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	173894	33.002	ng	100
3) Pyridine	3.50	79	364934	25.527	ng	98
4) n-Nitrosodimethylamine	3.44	42	190155	36.665	ng	97
6) Aniline	6.53	93	395144	21.184	ng	98
8) 2-Chlorophenol	6.66	128	440704	36.287	ng	97
9) Benzaldehyde	6.42	77	119182	14.229	ng	100
10) Phenol	6.52	94	544899	35.019	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	423321	35.734	ng	95
12) 1,3-Dichlorobenzene	6.82	146	450756	33.011	ng	99
13) 1,4-Dichlorobenzene	6.89	146	457209	33.559	ng	98
14) 1,2-Dichlorobenzene	7.04	146	430034	34.529	ng	98
15) Benzyl Alcohol	7.02	79	365510	34.375	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	575558	36.903	ng	97
17) 2-Methylphenol	7.13	107	384842	36.769	ng	99
18) Hexachloroethane	7.39	117	171407	33.896	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	305824	34.984	ng	99
20) 3+4-Methylphenols	7.28	107	445387	35.825	ng	99
22) Acetophenone	7.28	105	605651	37.083	ng	# 98
24) Nitrobenzene	7.45	77	489951	36.535	ng	96
25) Isophorone	7.69	82	900399	36.191	ng	100
26) 2-Nitrophenol	7.77	139	249937	36.210	ng	100
27) 2,4-Dimethylphenol	7.80	122	395431	38.288	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	555458	36.393	ng	100
29) 2,4-Dichlorophenol	8.02	162	399004	37.148	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	421159	34.688	ng	99
31) Naphthalene	8.17	128	1279688	36.549	ng	100
32) Benzoic acid	7.94	122	285606	33.697	ng	98
33) 4-Chloroaniline	8.22	127	349982	22.567	ng	99
34) Hexachlorobutadiene	8.29	225	237749	34.147	ng	98
35) Caprolactam	8.59	113	115415m	34.773	ng	
36) 4-Chloro-3-methylphenol	8.71	107	404187	36.277	ng	98
37) 2-Methylnaphthalene	8.87	142	884674	38.118	ng	99
38) 1-Methylnaphthalene	8.97	142	820048	37.199	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	397408	36.245	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	249574	39.903	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	267377	33.346	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	285652	34.787	ng	94
46) 1,1'-Biphenyl	9.33	154	1065057	37.416	ng	99
47) 2-Chloronaphthalene	9.36	162	830007	35.019	ng	100
48) 2-Nitroaniline	9.45	65	254783	34.731	ng	98
49) Acenaphthylene	9.77	152	1248495	35.549	ng	99
50) Dimethylphthalate	9.63	163	970642	35.433	ng	99
51) 2,6-Dinitrotoluene	9.69	165	214851	34.512	ng	97
52) Acenaphthene	9.94	154	763956	33.693	ng	98
53) 3-Nitroaniline	9.86	138	176439	24.801	ng	97
54) 2,4-Dinitrophenol	9.97	184	207020	64.769	ng	93
55) Dibenzofuran	10.12	168	1124710	34.929	ng	100
56) 4-Nitrophenol	10.03	139	309981	57.140	ng	99
57) 2,4-Dinitrotoluene	10.10	165	283696	35.174	ng	96
58) Fluorene	10.46	166	856451	37.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	244550	35.626	ng	100
60) Diethylphthalate	10.33	149	932523	36.332	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	431759	33.823	ng	97
62) 4-Nitroaniline	10.47	138	214950	31.499	ng	98
63) Azobenzene	10.61	77	946579	38.021	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	136523	33.646	ng	97
66) n-Nitrosodiphenylamine	10.57	169	766170	37.087	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	269694	35.536	ng	99
68) Hexachlorobenzene	11.01	284	295216	34.062	ng	# 89
69) Atrazine	11.09	200	191220	28.215	ng	98
70) Pentachlorophenol	11.20	266	318775	60.135	ng	99
71) Phenanthrene	11.42	178	1243055	36.515	ng	99
72) Anthracene	11.47	178	1244835	35.383	ng	100
73) Carbazole	11.62	167	1121060	36.337	ng	100
74) Di-n-butylphthalate	11.95	149	1430168	37.634	ng	99
75) Fluoranthene	12.61	202	1291790	35.909	ng	100
77) Benzidine	12.72	184	164196	10.297	ng	99
78) Pyrene	12.84	202	1301271	34.123	ng	100
80) Butylbenzylphthalate	13.44	149	603404	37.117	ng	99
81) Benzo(a)anthracene	14.02	228	1062396	35.827	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	324609	30.793	ng	99
83) Chrysene	14.06	228	1042212	35.011	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	848013	42.112	ng	99
85) Di-n-octyl phthalate	14.62	149	1342123	41.889	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	883285	34.926	ng	99
88) Benzo(b)fluoranthene	15.07	252	951237	46.200	ng	100
89) Benzo(k)fluoranthene	15.10	252	911108	49.633	ng	99
90) Benzo(a)pyrene	15.44	252	843152	47.645	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	754945	48.594	ng	99
92) Benzo(g,h,i)perylene	17.43	276	714995	46.146	ng	97

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

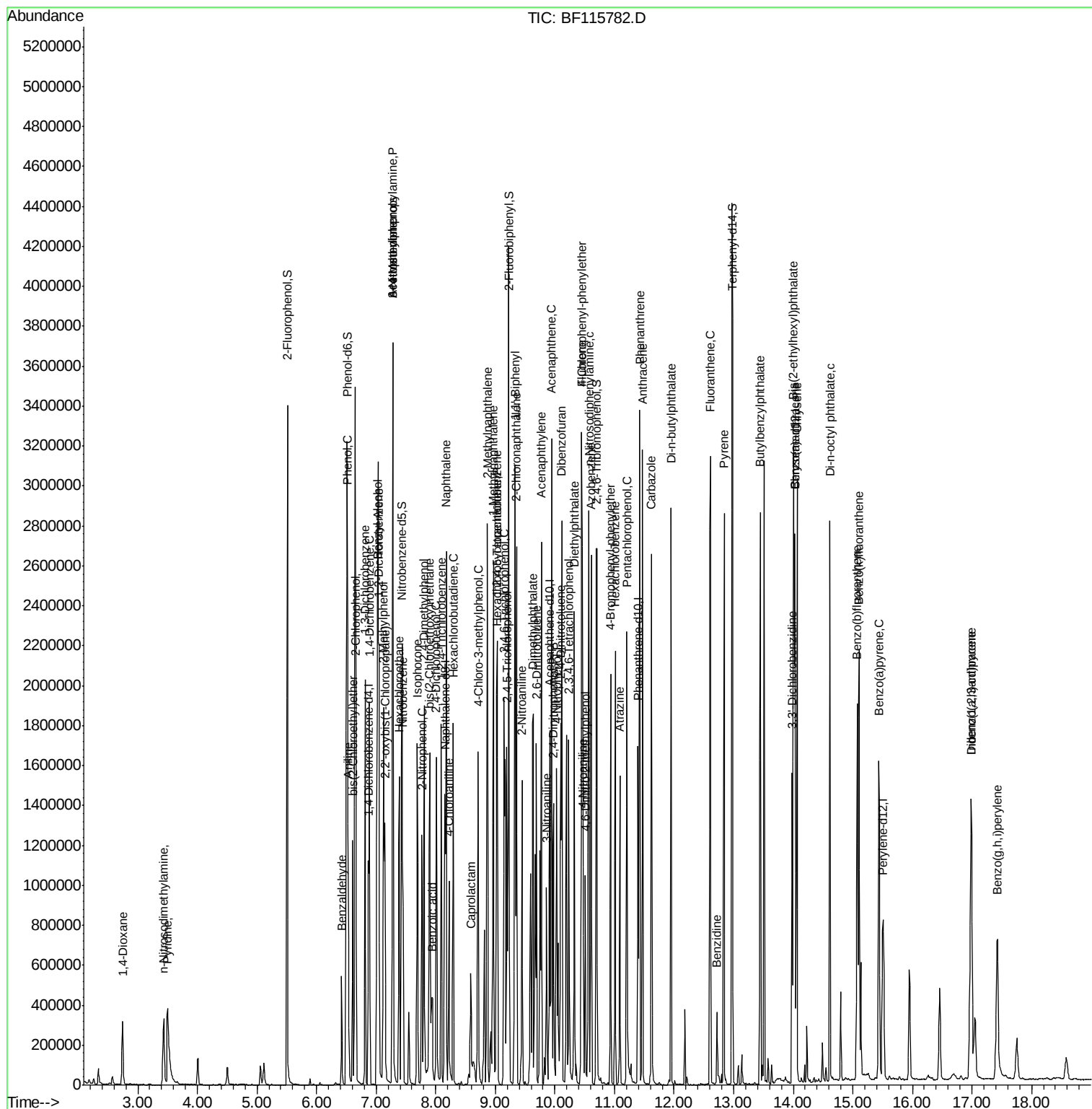
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
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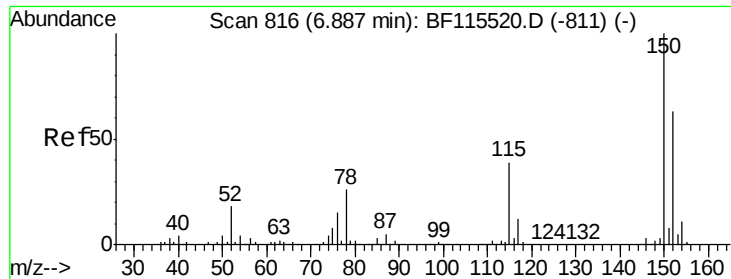
Instrument :
BNA_F
ClientSampleId :
PB121703BS

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#1

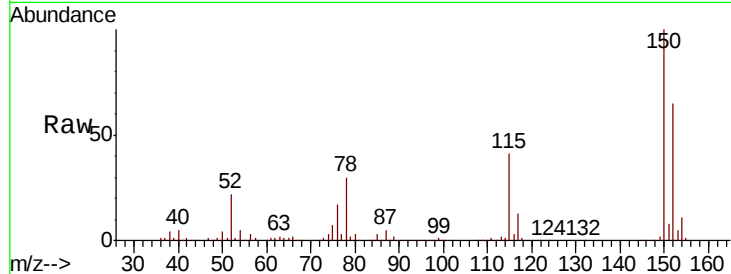
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	63.5	47.8	71.6

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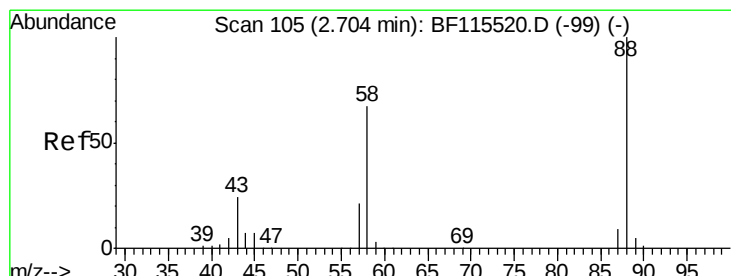
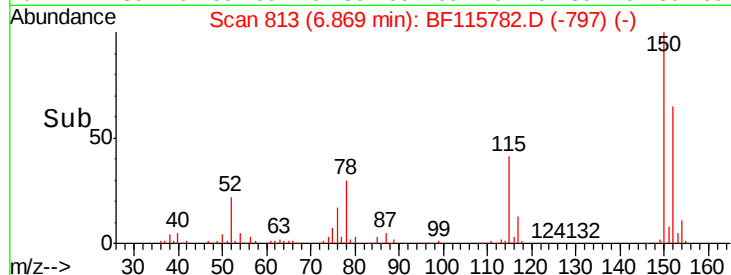
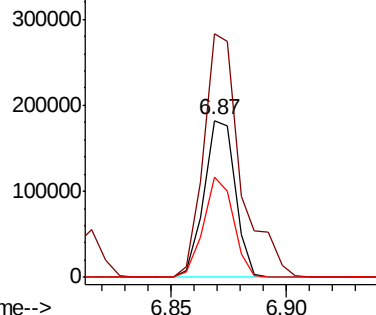


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

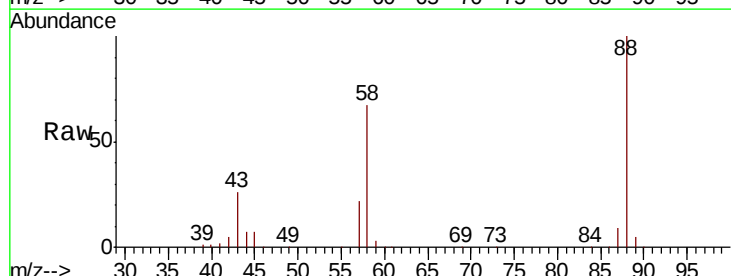
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.002 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	54.2	81.4
43	26.1	20.8	31.2

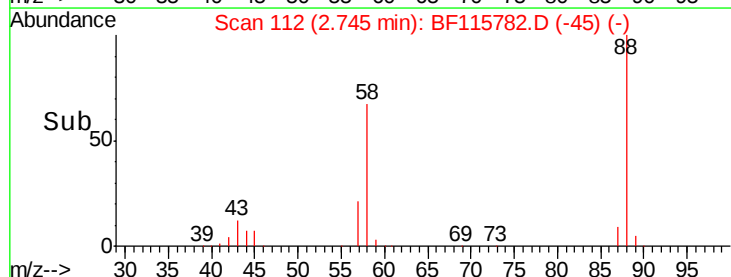
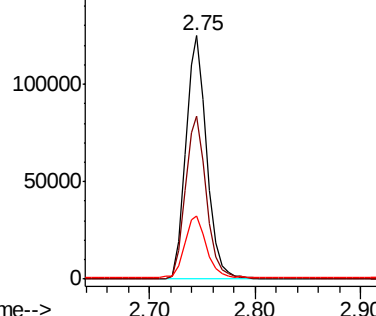


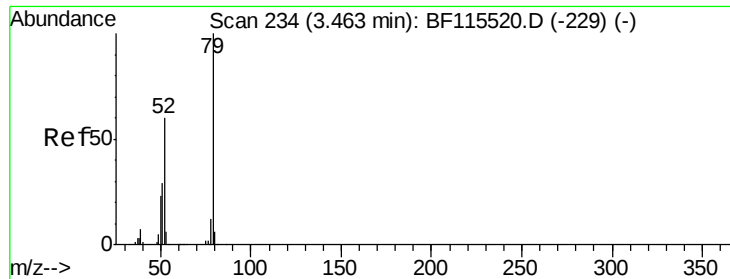
Abundance

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: 25.527 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.08 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

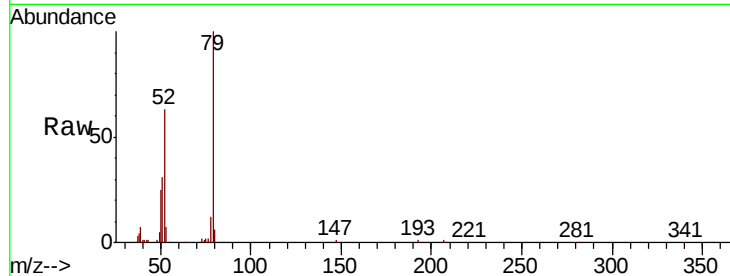
ClientSampleId :

PB121703BS

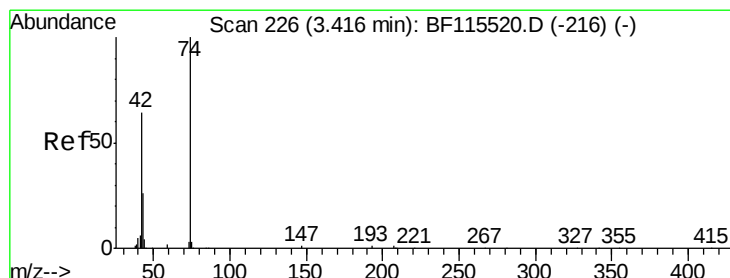
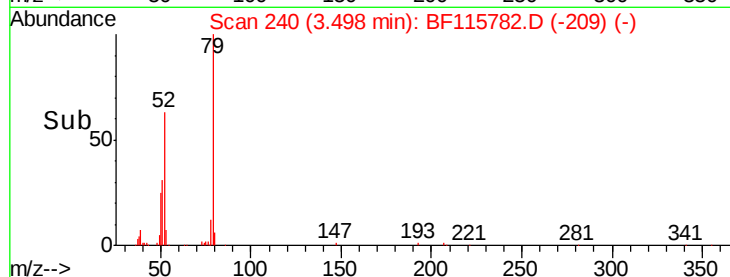
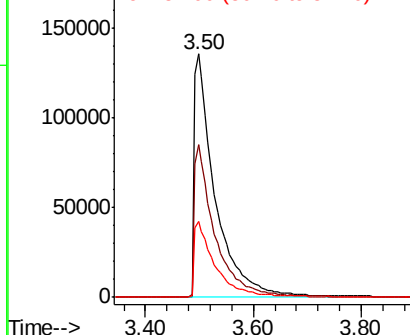
Tot Ion:	79	Resp:	364934
Ion Ratio	Lower	Upper	
79	100		
52	62.7	48.4	72.6
51	31.4	24.8	37.2

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



#4

n-Nitrosodimethylamine

Concen: 36.665 ng

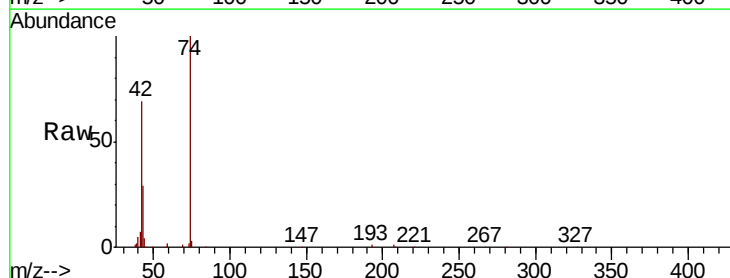
RT: 3.44 min Scan# 230

Delta R.T. 0.08 min

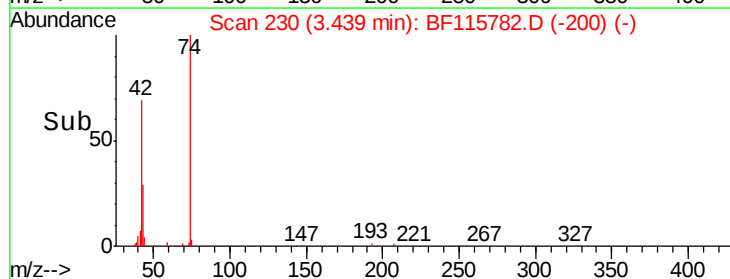
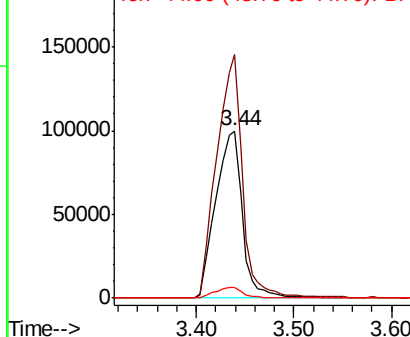
Lab File: BF115782.D

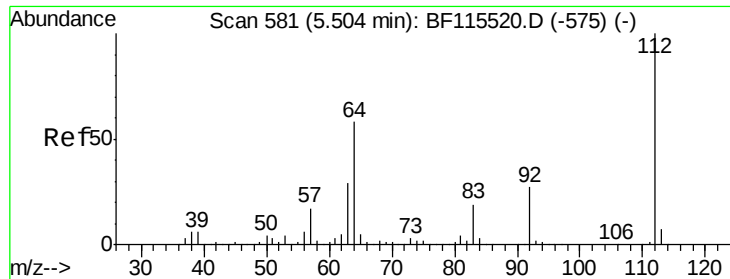
Acq: 26 Jul 2019 12:21

Tgt Ion:	42	Resp:	190155
Ion Ratio	Lower	Upper	
42	100		
74	145.6	113.4	170.0
44	6.5	5.1	7.7



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





#5

2-Fluorophenol

Concen: 102.893 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:112 Resp: 1086906

Ion Ratio Lower Upper

112 100

64 55.7 45.8 68.8

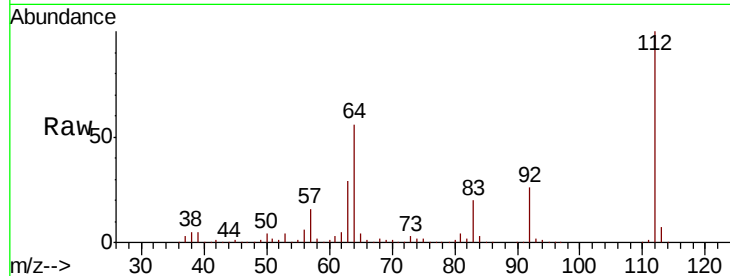
63 29.0 23.6 35.4

Manual Integrations

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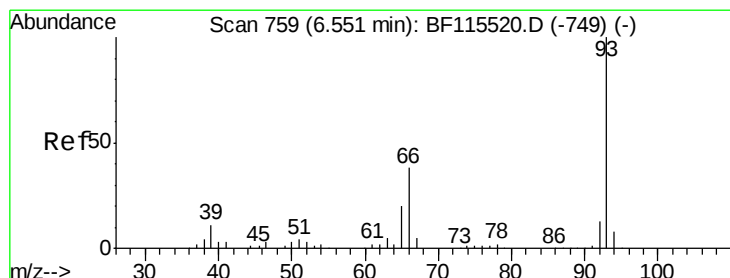
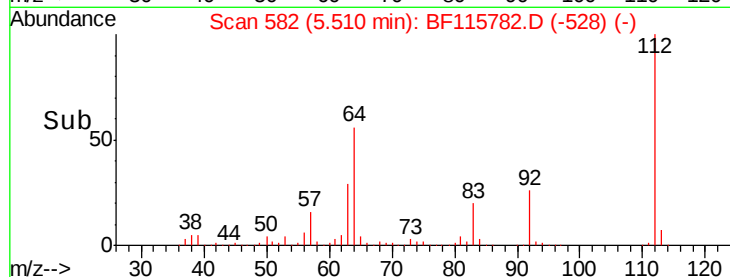
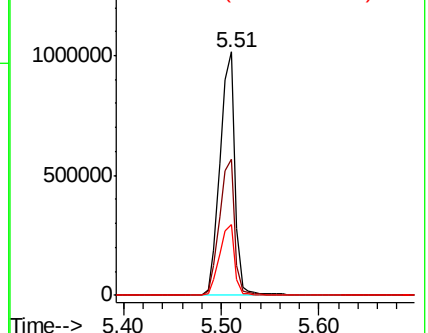
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.184 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

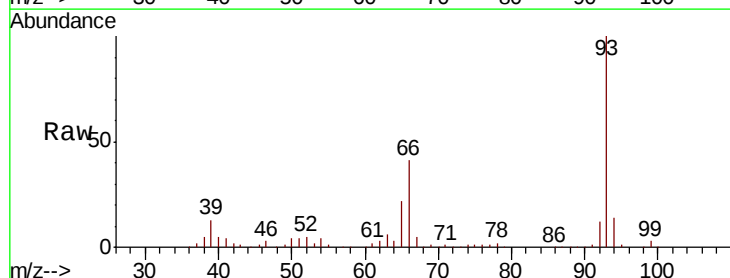
Tgt Ion: 93 Resp: 395144

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

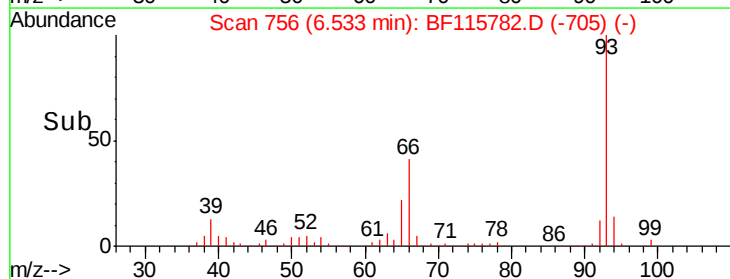
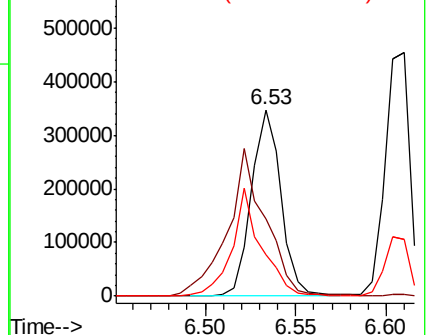
65 21.9 16.5 24.7

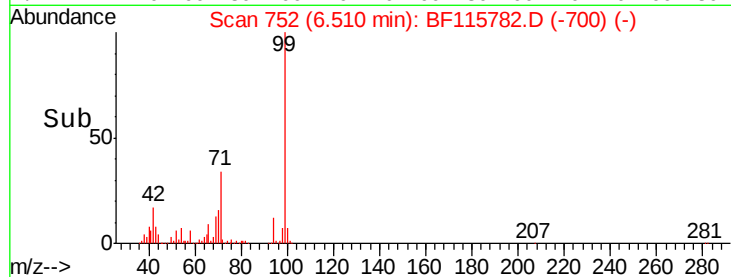
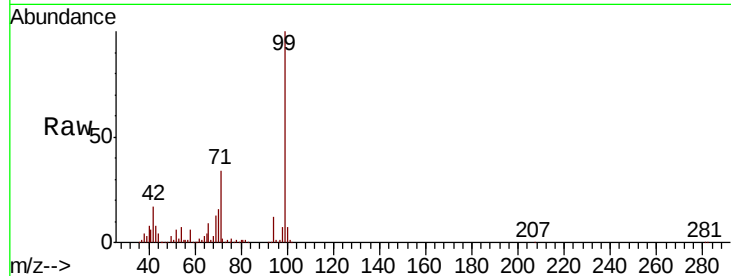
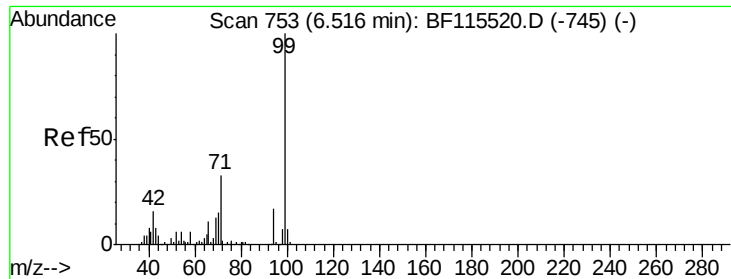


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.453 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tot Ion: 99 Resp: 1413469

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

71 33.7 26.7 40.1

Instrument :

BNA_F

ClientSampleId :

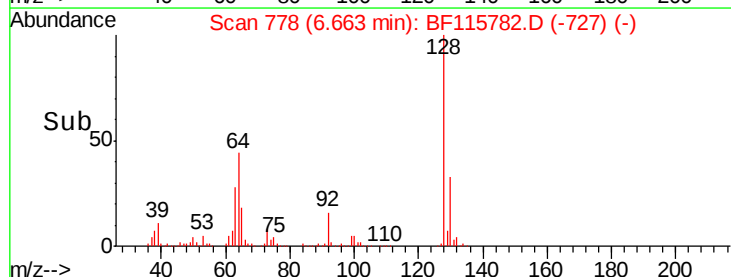
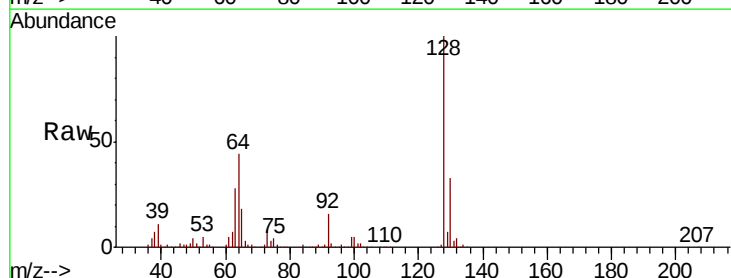
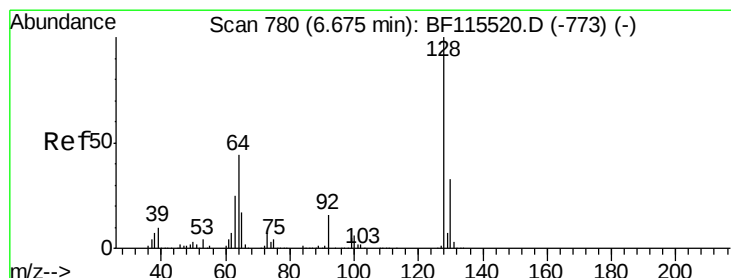
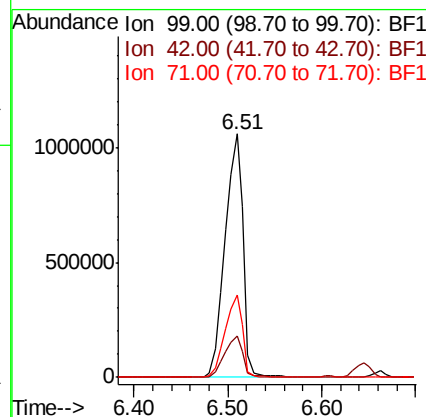
PB121703BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.287 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

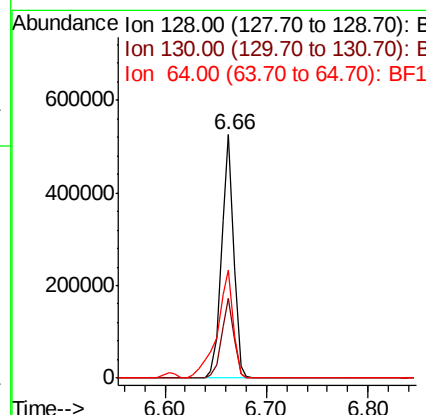
Tgt Ion:128 Resp: 440704

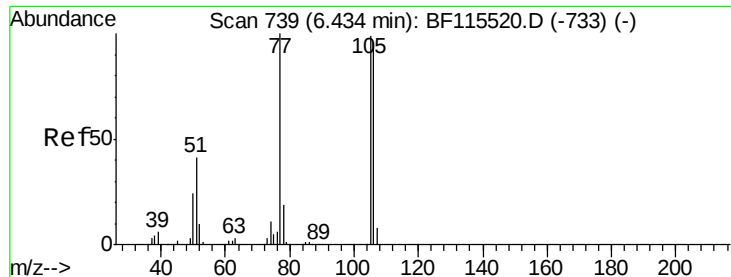
Ion Ratio Lower Upper

128 100

130 32.8 13.8 53.8

64 44.5 22.4 62.4





#9

Benzaldehyde

Concen: 14.229 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

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Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

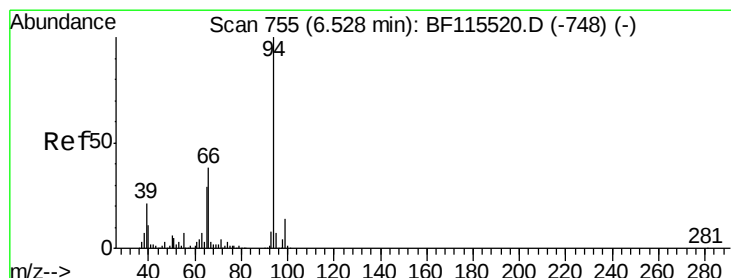
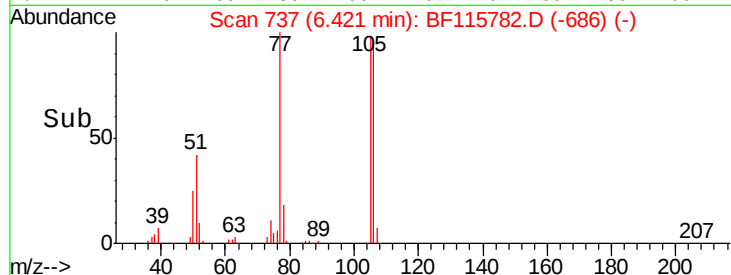
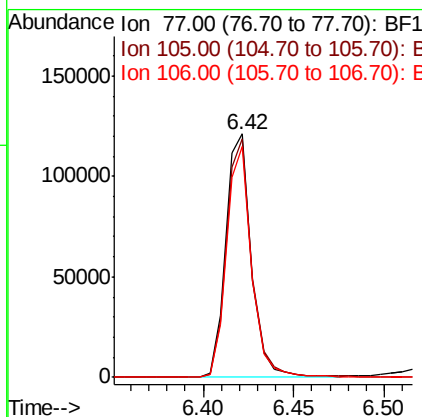
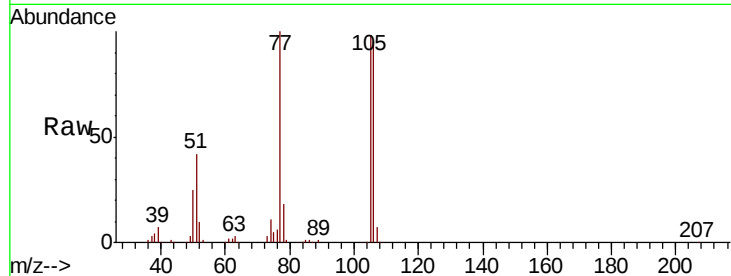
ClientSampleId :

PB121703BS

Tot Ion:	77	Resp:	119182
Ion Ratio	Lower	Upper	
77	100		
105	98.0	77.5	117.5
106	94.5	74.7	114.7

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#10

Phenol

Concen: 35.019 ng

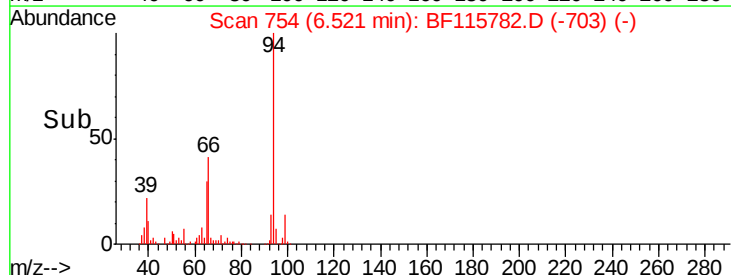
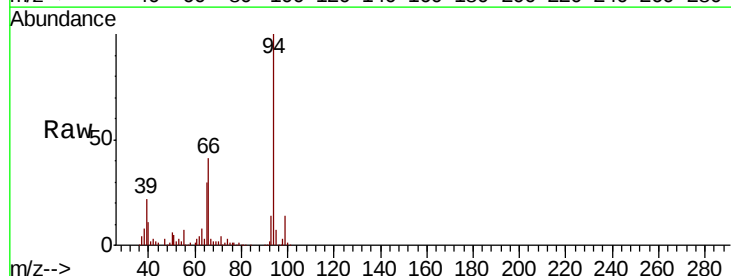
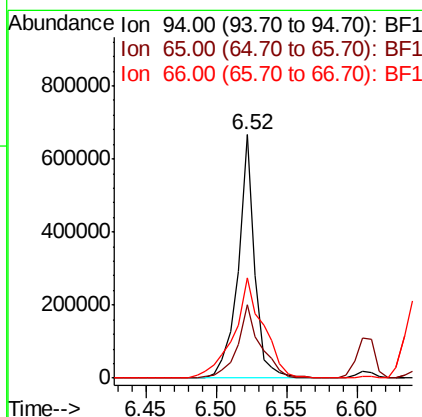
RT: 6.52 min Scan# 754

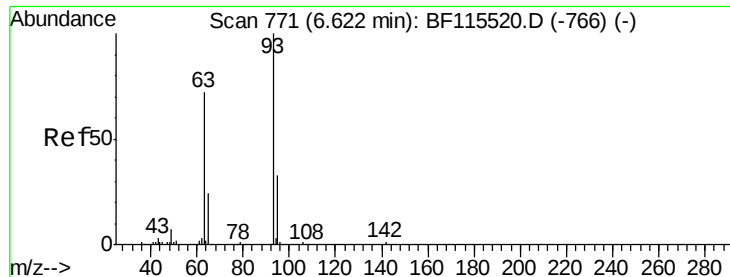
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	94	Resp:	544899
Ion Ratio	Lower	Upper	
94	100		
65	30.2	11.2	51.2
66	41.1	24.4	64.4





#11

bis(2-Chloroethyl)ether

Concen: 35.734 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

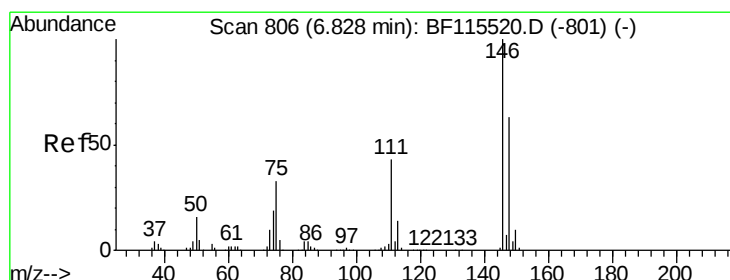
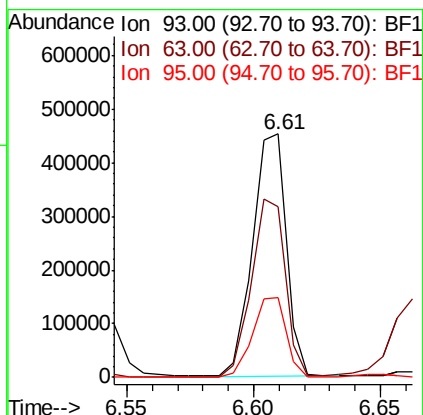
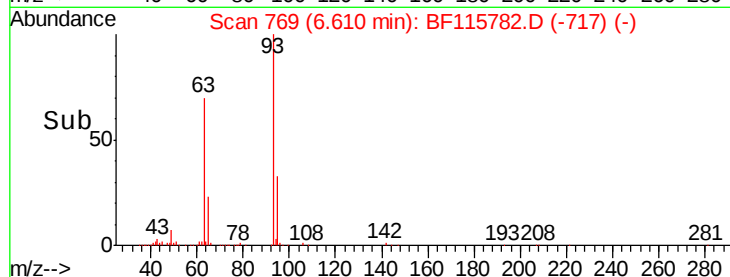
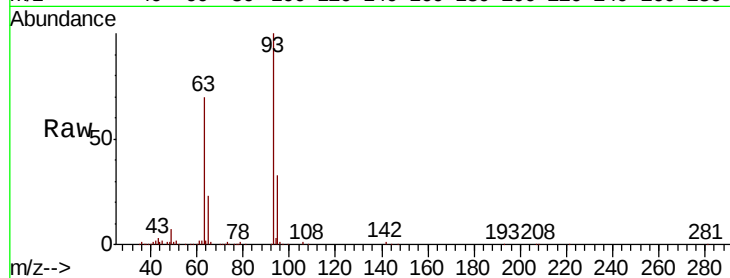
ClientSampleId :

PB121703BS

Tot Ion:	93	Resp:	423321
Ion	Ratio	Lower	Upper
93	100		
63	70.2	56.2	96.2
95	32.7	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 33.011 ng

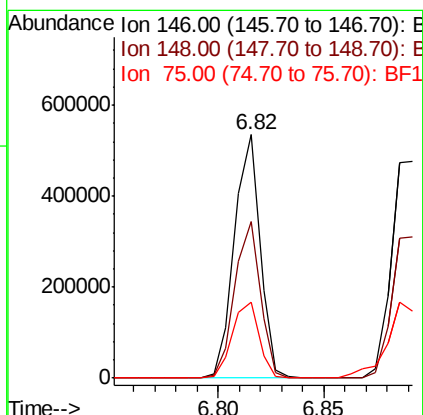
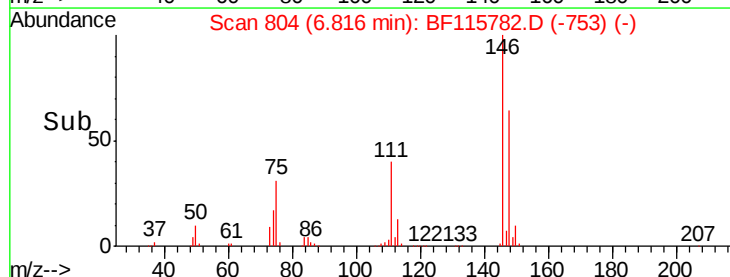
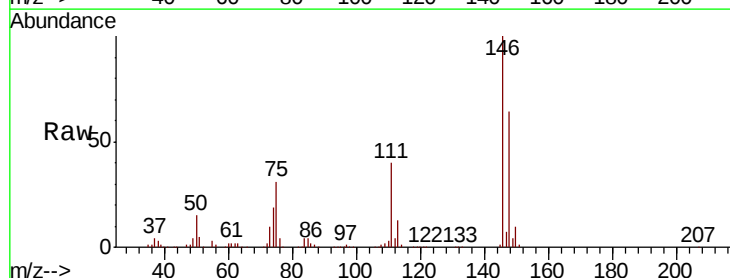
RT: 6.82 min Scan# 804

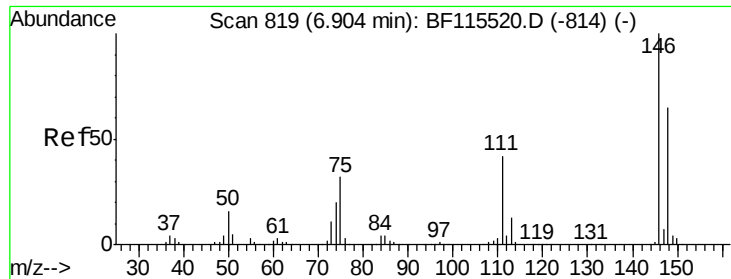
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	146	Resp:	450756
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	31.3	25.3	37.9





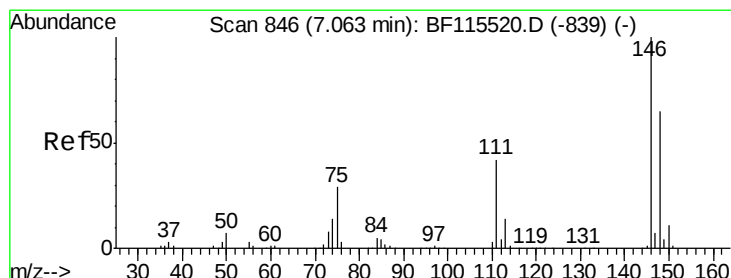
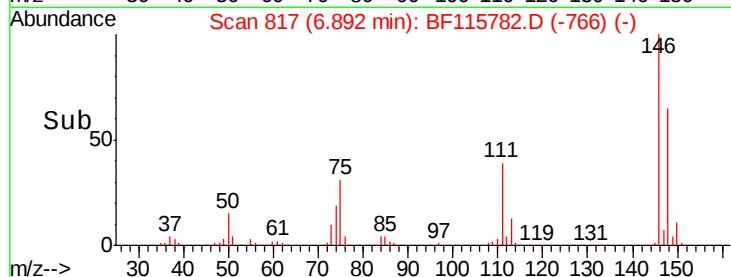
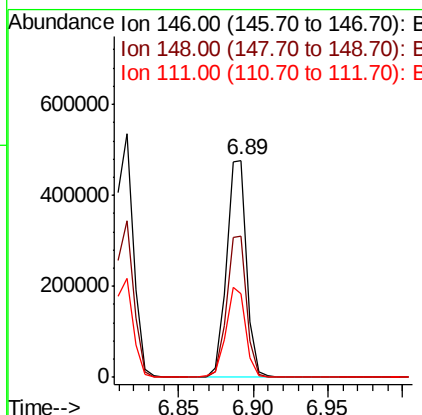
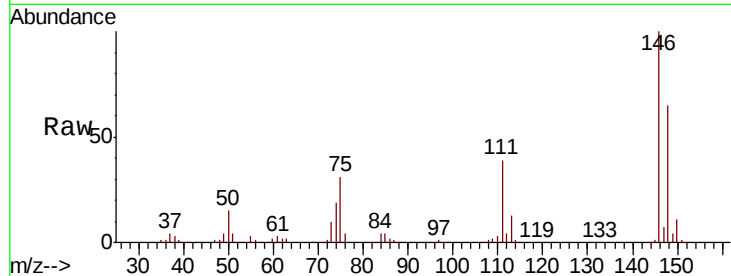
#13
 1,4-Dichlorobenzene
 Concen: 33.559 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.7	79.1
111	38.8	32.2	48.4

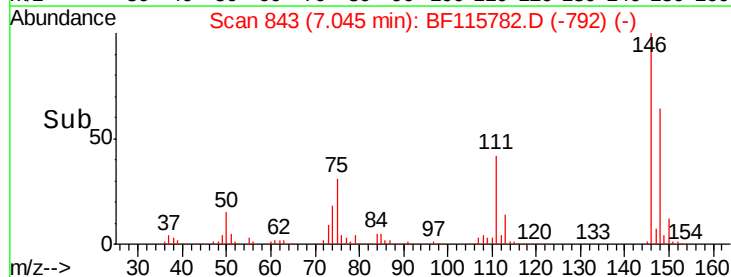
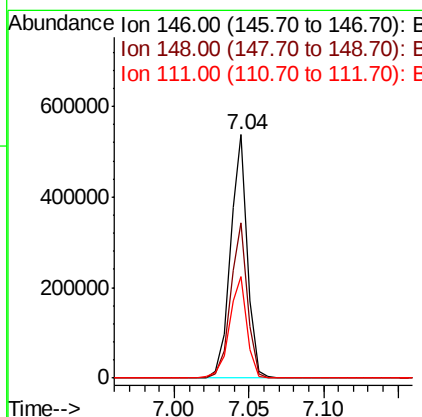
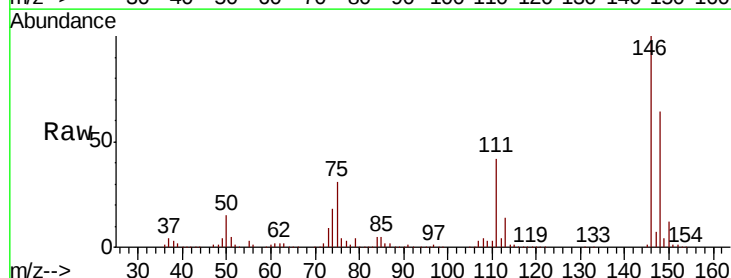
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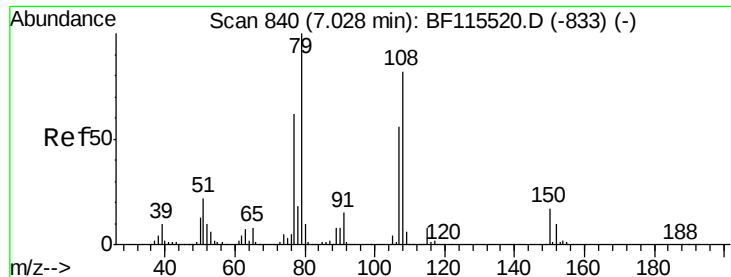
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#14
 1,2-Dichlorobenzene
 Concen: 34.529 ng
 RT: 7.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
111	41.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 34.375 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

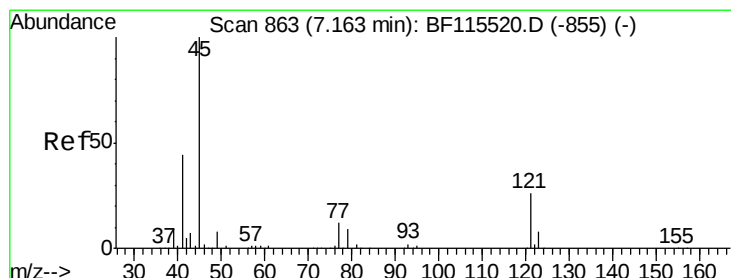
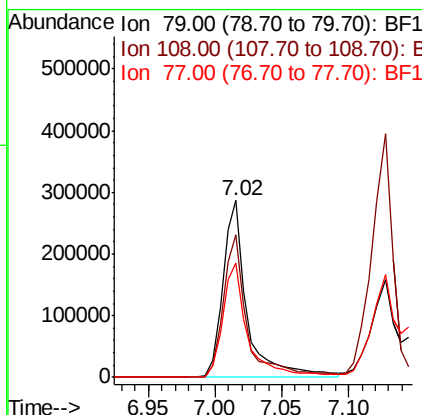
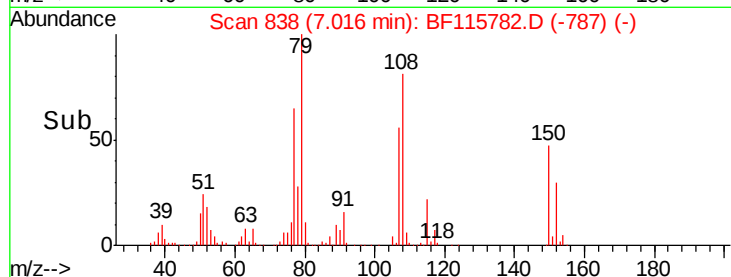
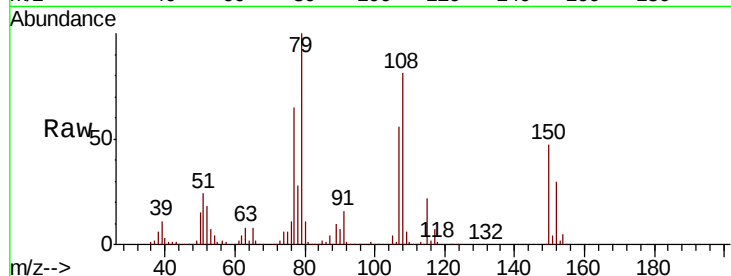
ClientSampleId :

PB121703BS

Tot Ion:	79	Resp:	365510
Ion Ratio	Lower	Upper	
79	100		
108	80.9	65.4	98.2
77	65.0	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.903 ng

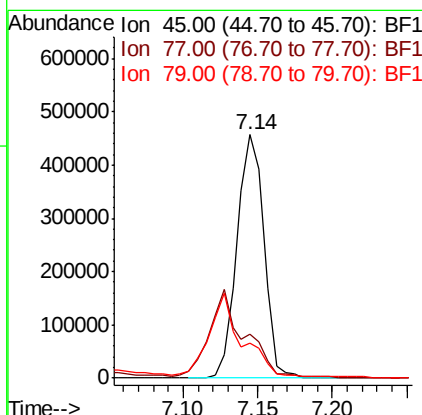
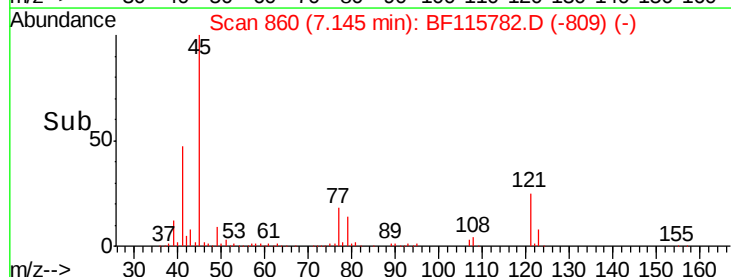
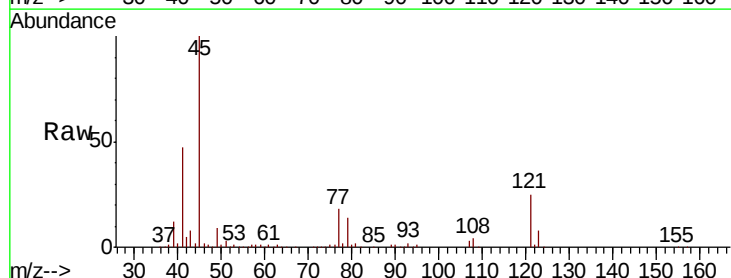
RT: 7.14 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	45	Resp:	575558
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	36.8
79	14.2	0.0	33.1





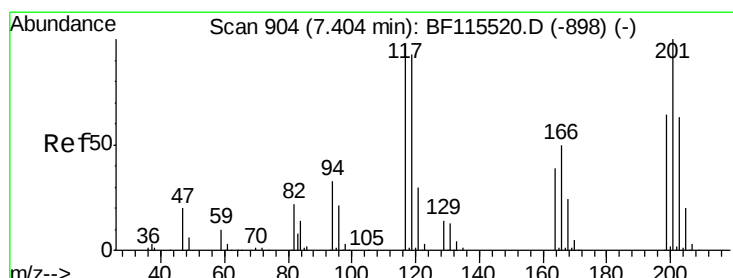
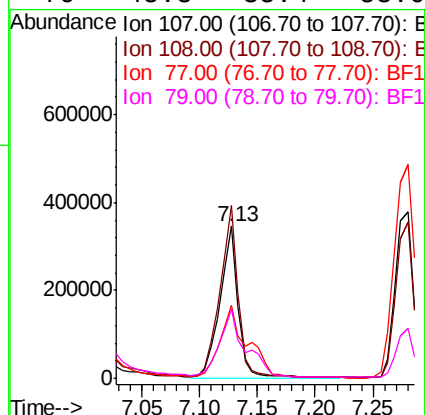
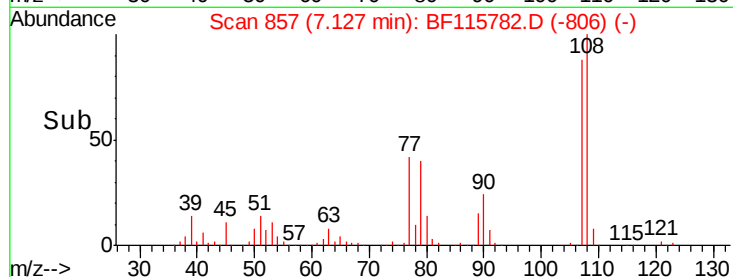
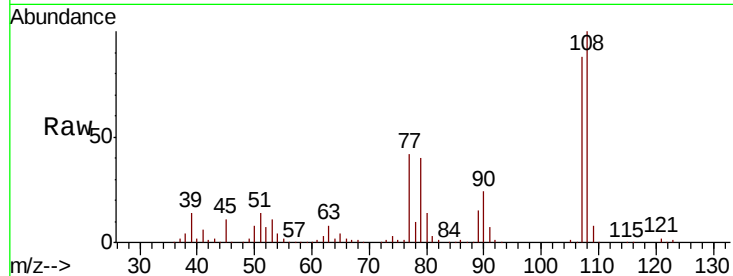
#17
2-Methylphenol
Concen: 36.769 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.3	136.9	
77	47.8	36.9	55.3	
79	45.8	35.4	53.0	

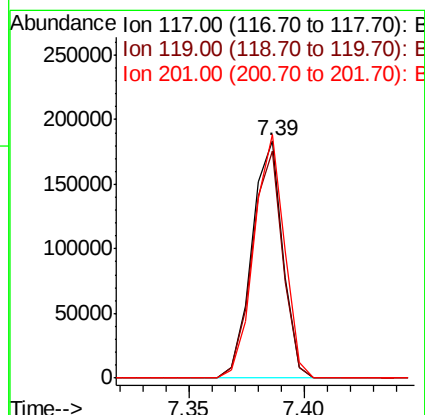
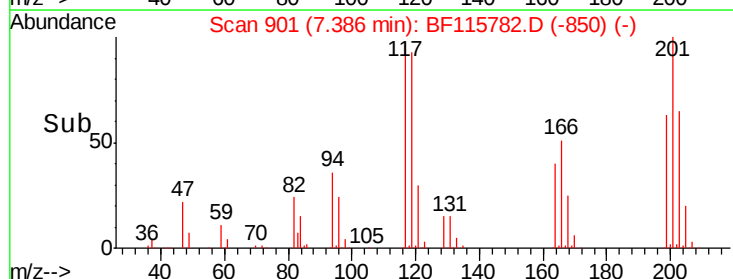
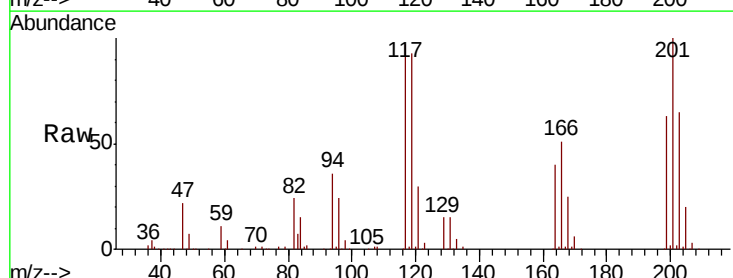
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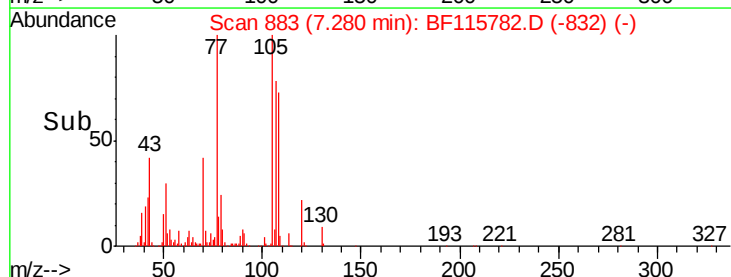
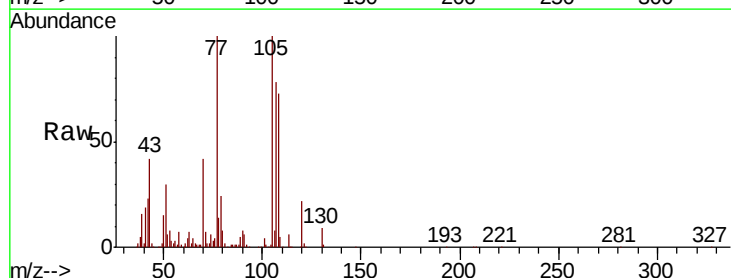
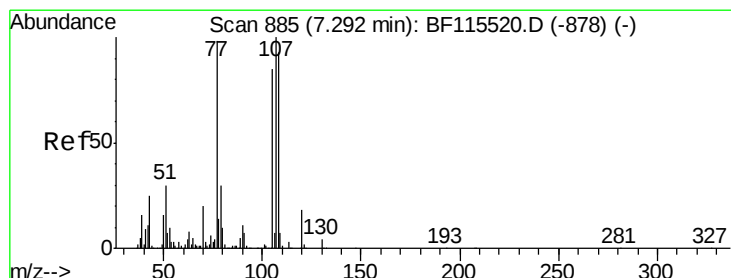
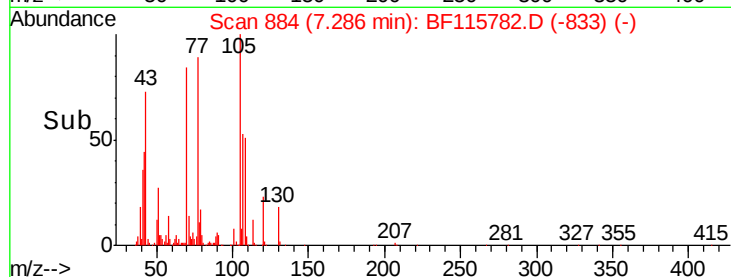
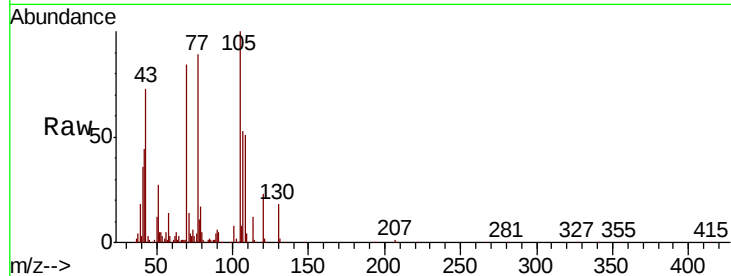
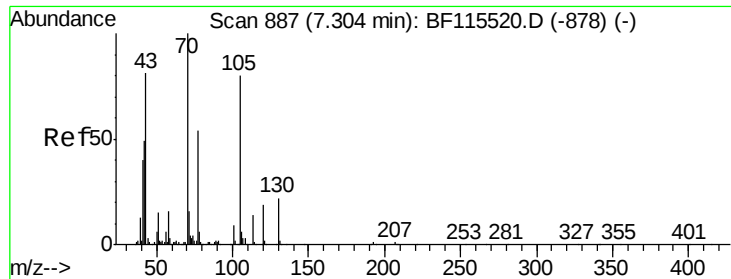
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#18
Hexachloroethane
Concen: 33.896 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	74.8	112.2	
201	102.6	77.6	116.4	





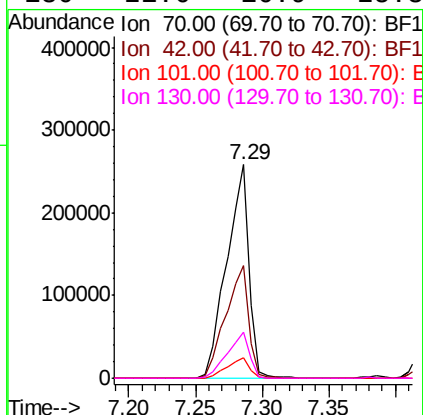
#19
n-Nitroso-di-n-propylamine
Concen: 34.984 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.6	41.8	62.8	
101	9.9	7.6	11.4	
130	21.6	16.9	25.3	

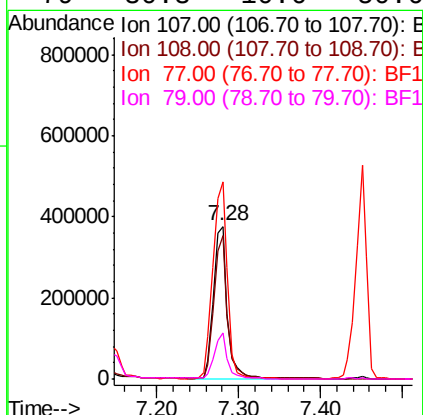
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#20
3+4-Methylphenols
Concen: 35.825 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	73.0	113.0	
77	128.8	107.5	147.5	
79	30.3	10.6	50.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

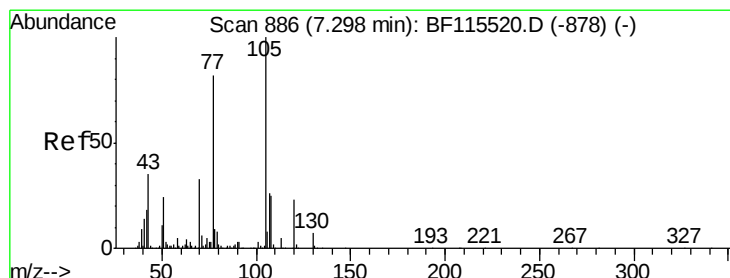
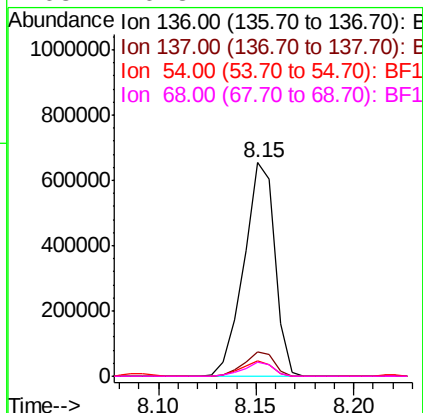
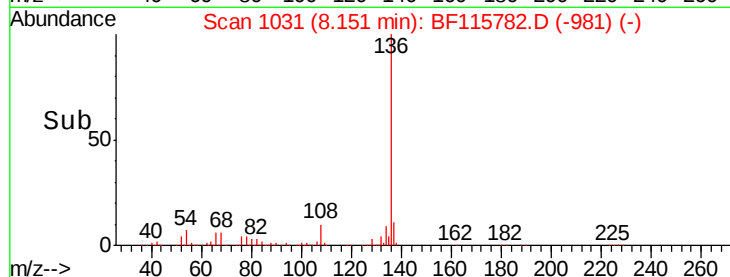
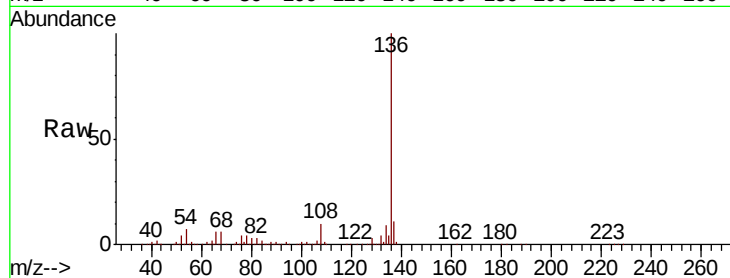
ClientSampleId :

PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		722950		
137	11.2		8.7	13.1	
54	7.2		5.0	7.6	
68	6.3		4.7	7.1	

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#22

Acetophenone

Concen: 37.083 ng

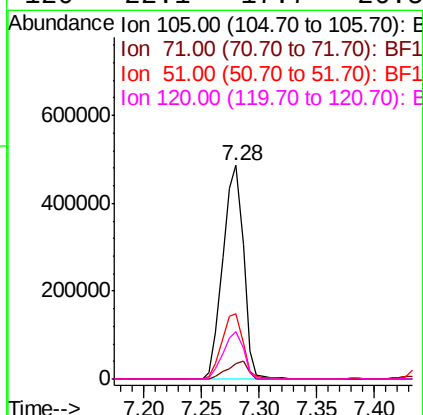
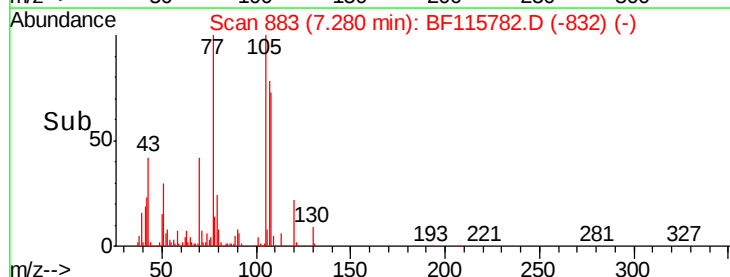
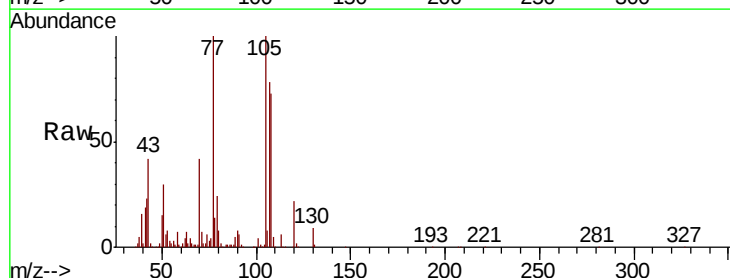
RT: 7.28 min Scan# 883

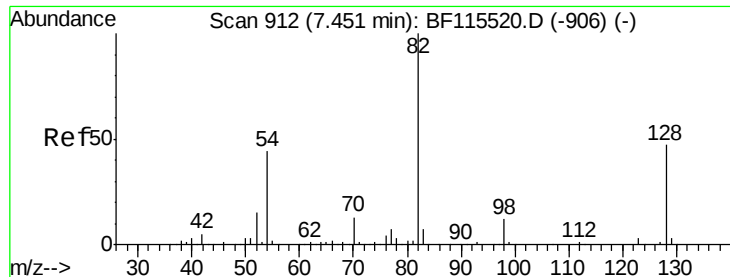
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		605651		
71	7.2		4.7	7.1#	
51	30.4		25.6	38.4	
120	22.1		17.7	26.5	





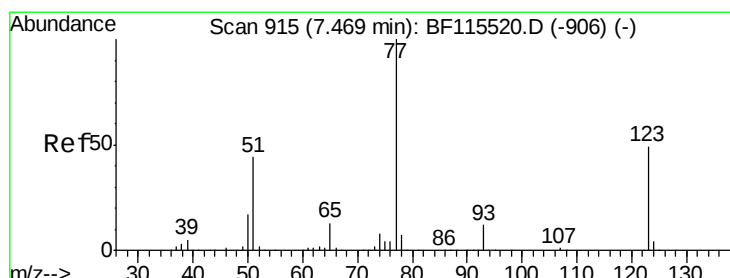
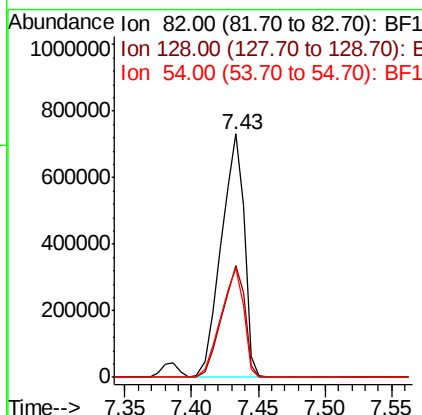
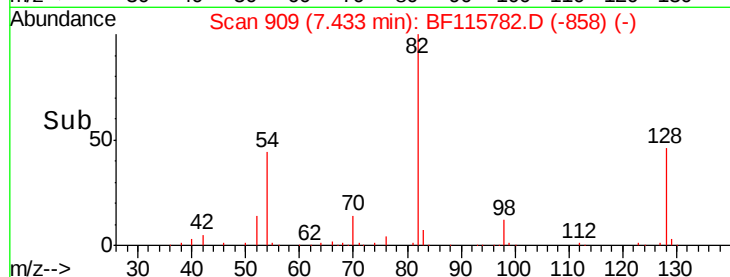
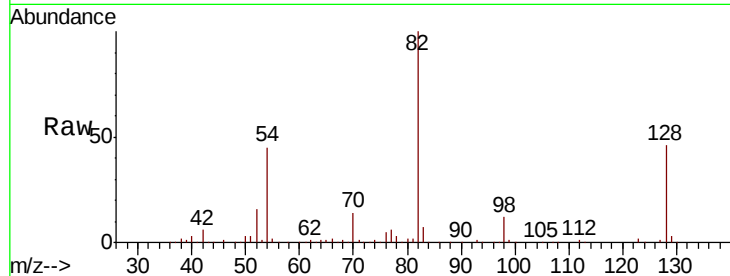
#23
Nitrobenzene-d5
Concen: 71.930 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.6	55.0	
54	44.9	36.6	54.8	

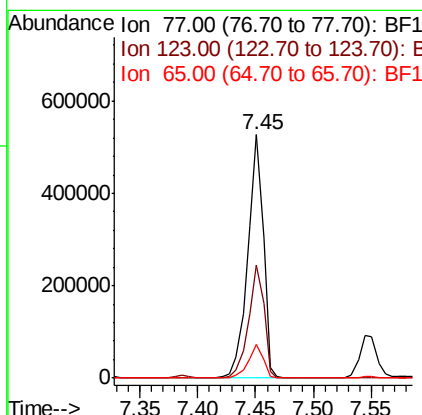
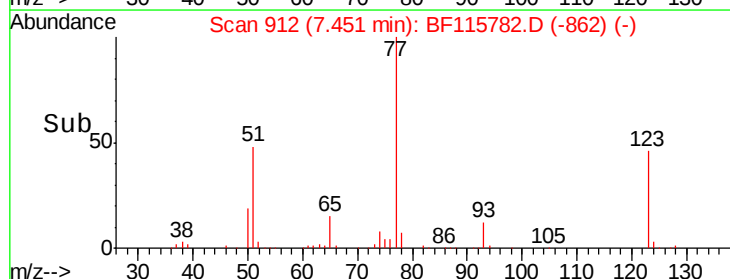
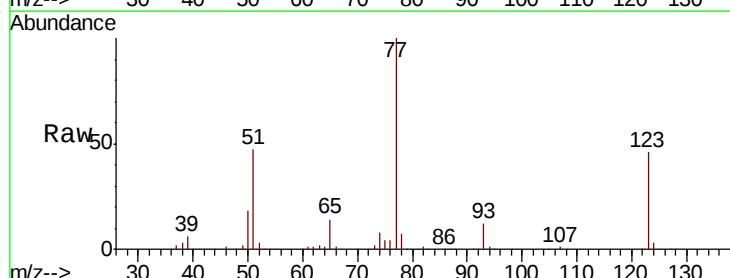
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#24
Nitrobenzene
Concen: 36.535 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	39.9	59.9	
65	13.8	10.5	15.7	





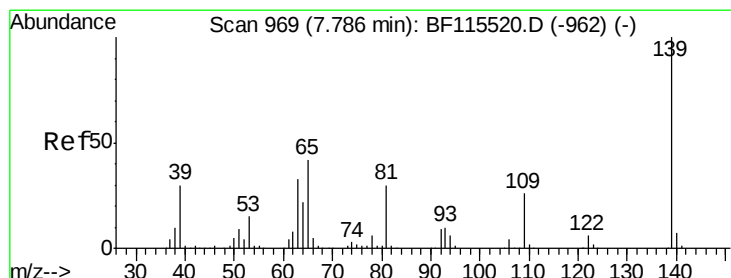
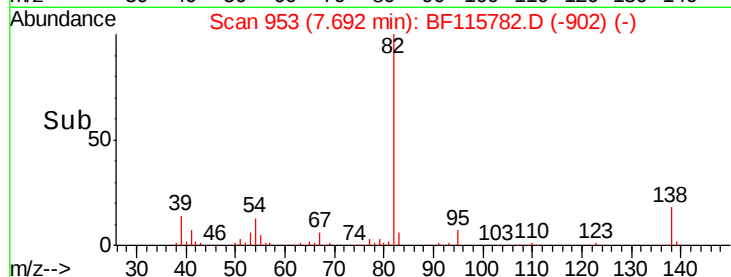
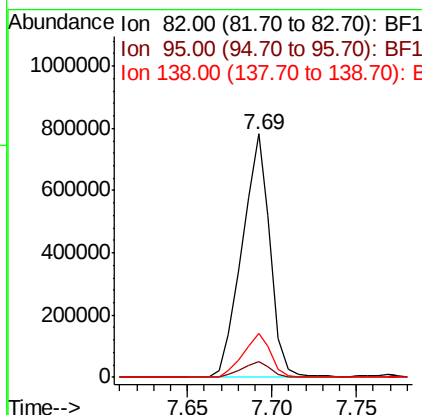
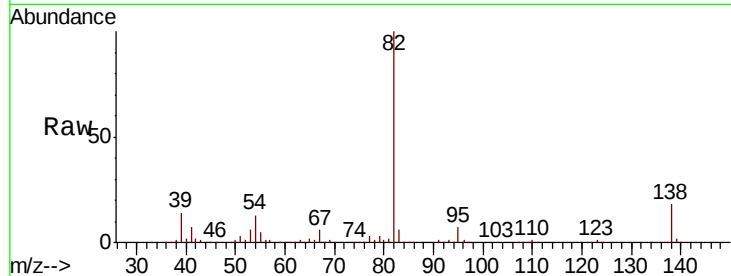
#25
Isophorone
Concen: 36.191 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampled :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.6	8.4	
138	17.9	14.2	21.4	

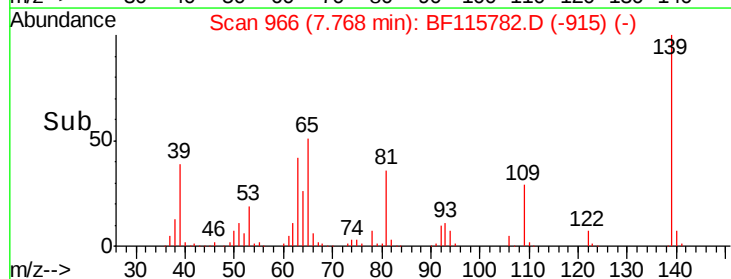
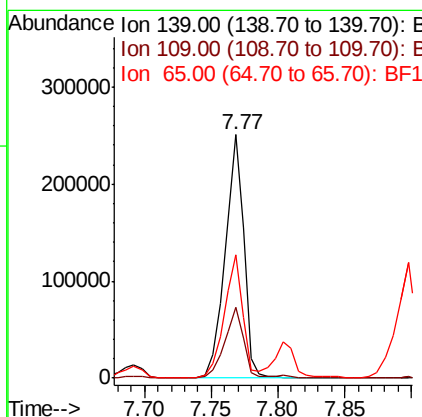
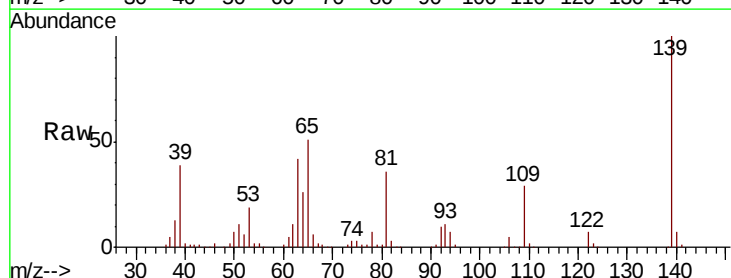
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#26
2-Nitrophenol
Concen: 36.210 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.9	23.2	34.8	
65	50.8	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 38.288 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

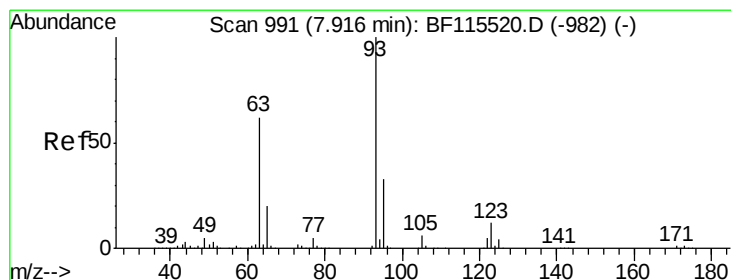
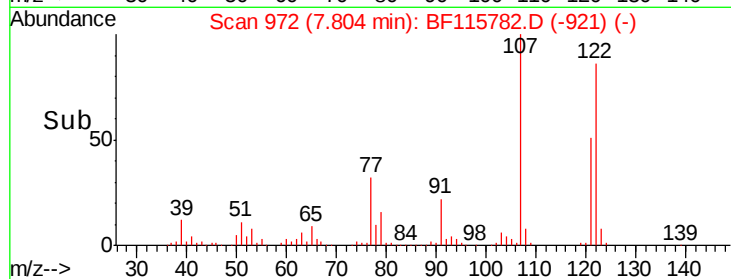
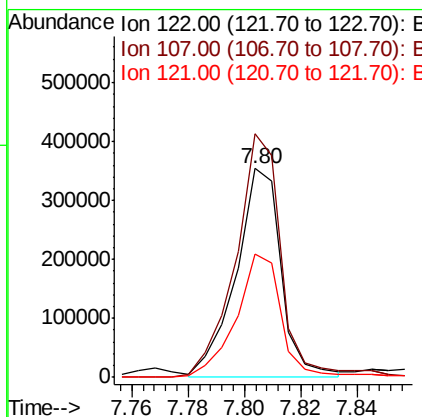
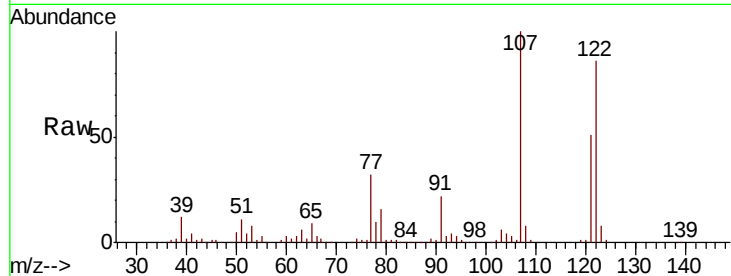
ClientSampled :

PB121703BS

Tot Ion:	122	Resp:	395431
Ion Ratio	Lower	Upper	
122	100		
107	116.8	92.6	138.8
121	59.0	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 36.393 ng

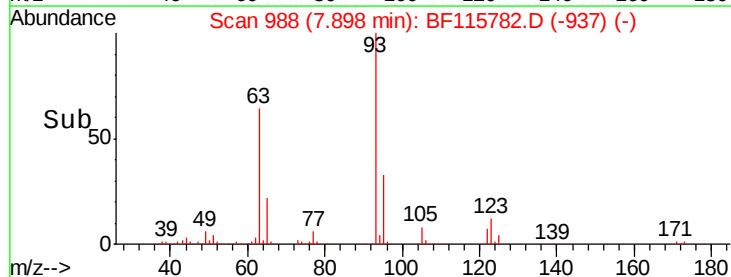
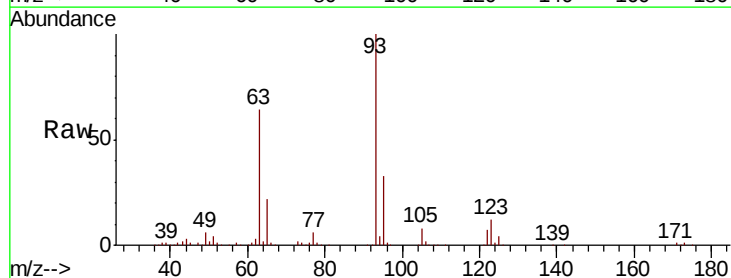
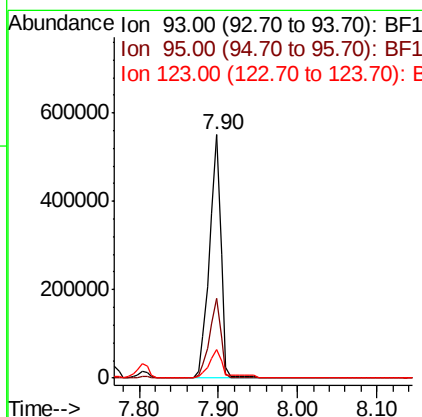
RT: 7.90 min Scan# 988

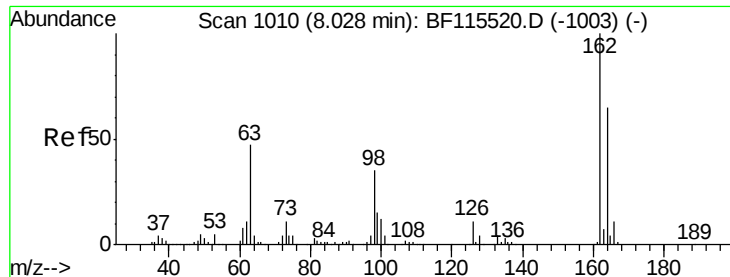
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	93	Resp:	555458
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.4
123	11.8	9.3	13.9





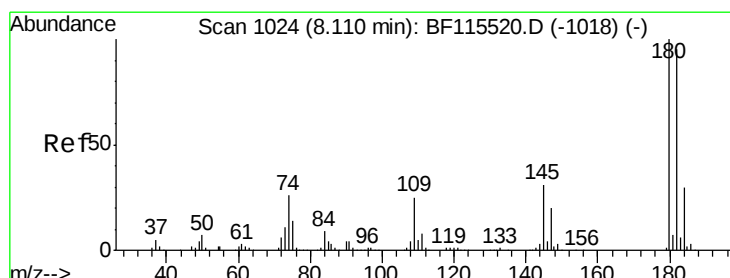
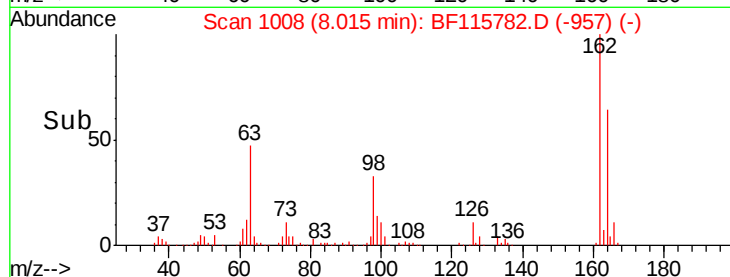
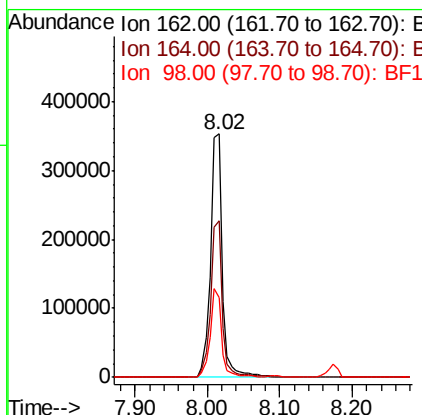
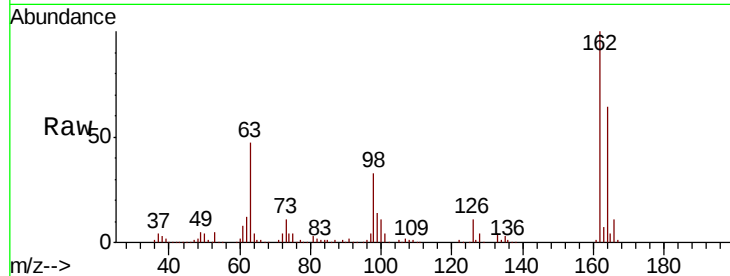
#29
2,4-Dichlorophenol
Concen: 37.148 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399004		
164	64.1		44.1	84.1
98	32.8		12.9	52.9

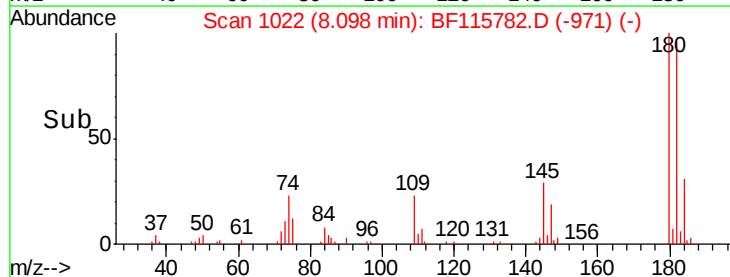
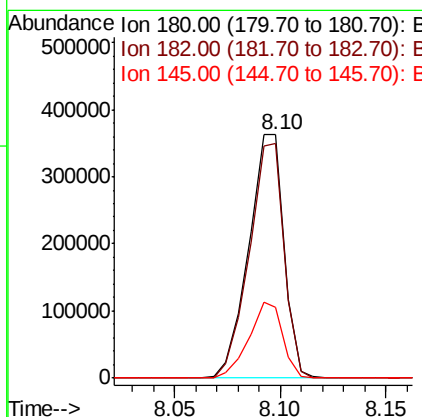
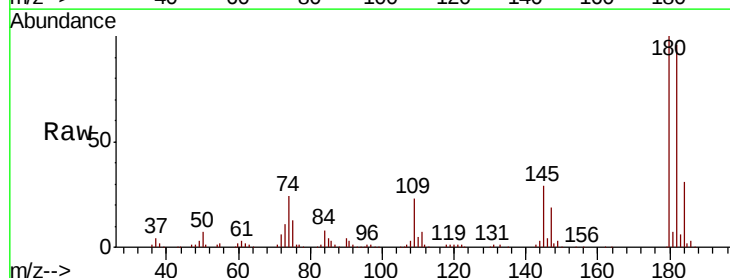
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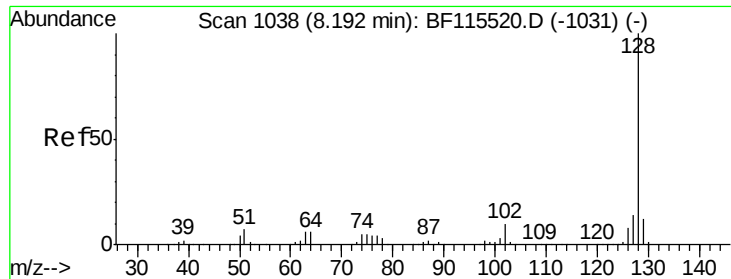
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#30
1,2,4-Trichlorobenzene
Concen: 34.688 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	421159		
182	96.5		76.7	115.1
145	28.8		23.6	35.4





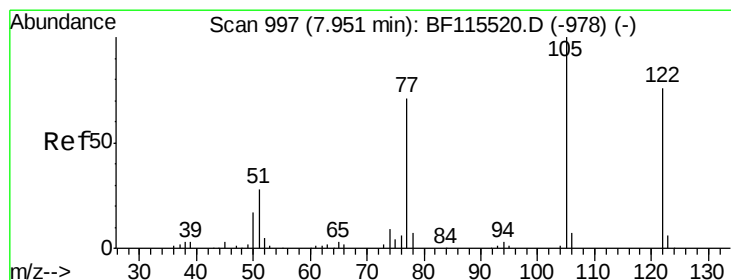
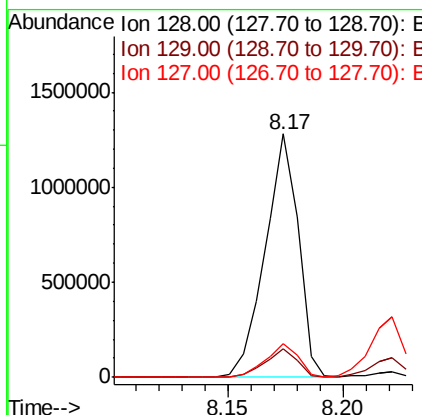
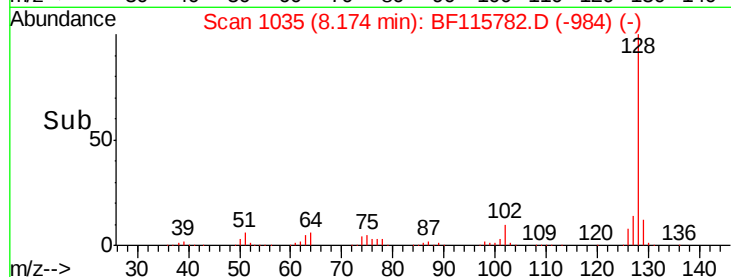
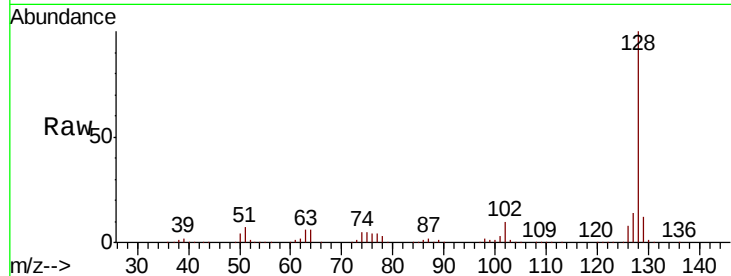
#31
Naphthalene
Concen: 36.549 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:128 Resp: 1279688
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.8 10.9 16.3

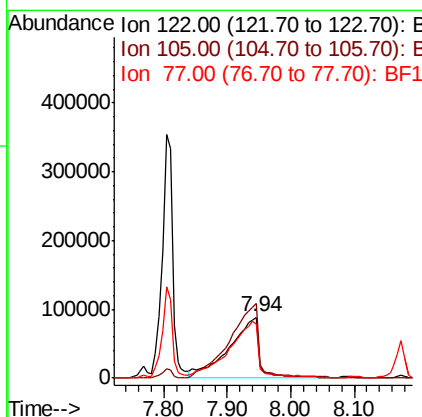
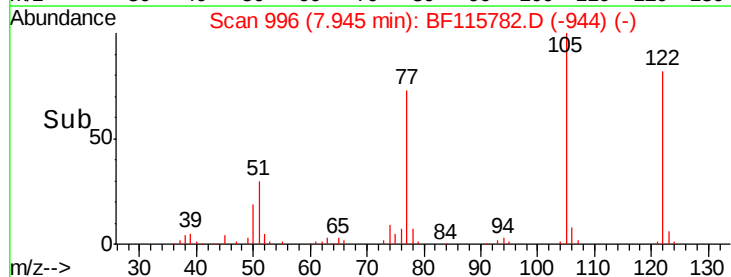
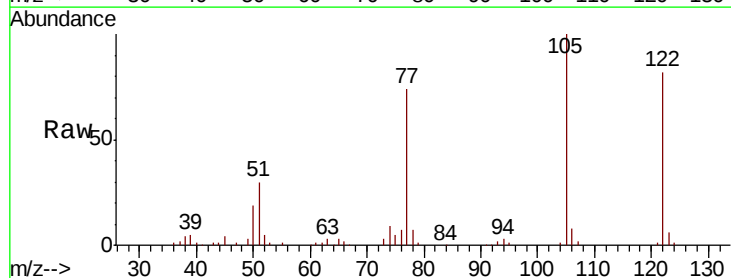
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#32
Benzoic acid
Concen: 33.697 ng
RT: 7.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:122 Resp: 285606
Ion Ratio Lower Upper
122 100
105 121.5 102.0 142.0
77 89.5 73.6 113.6





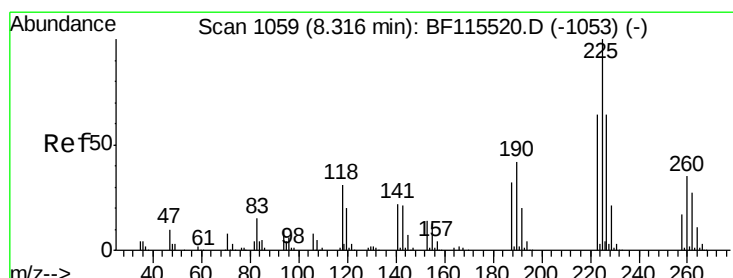
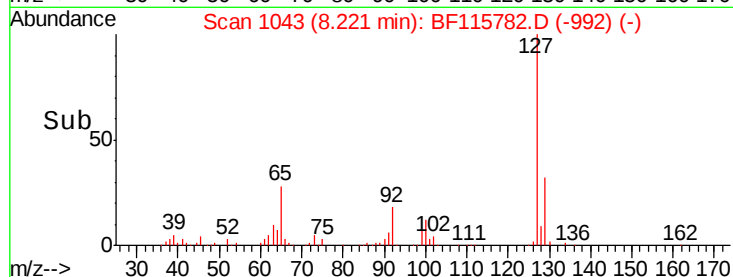
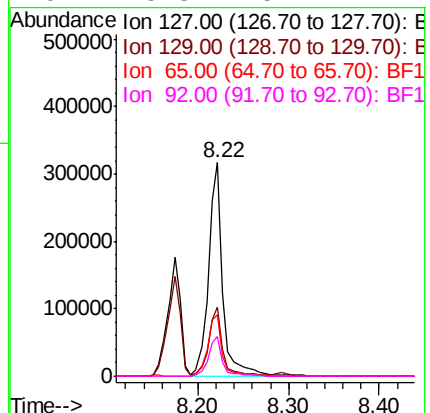
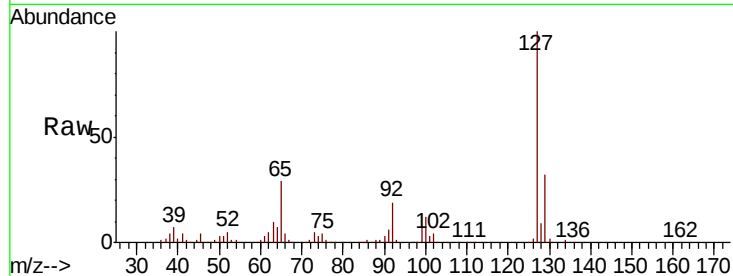
#33
 4-Chloroaniline
 Concen: 22.567 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleID :
 PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	28.8	23.8	35.8		
92	18.5	15.1	22.7		

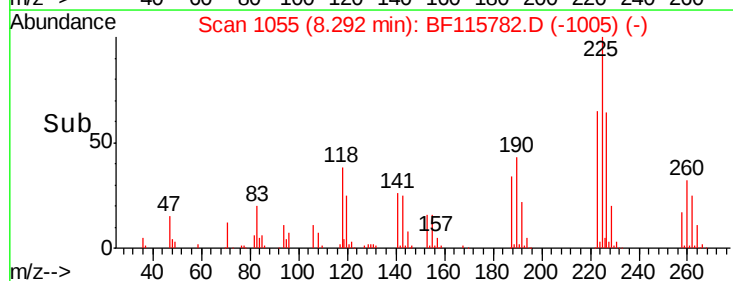
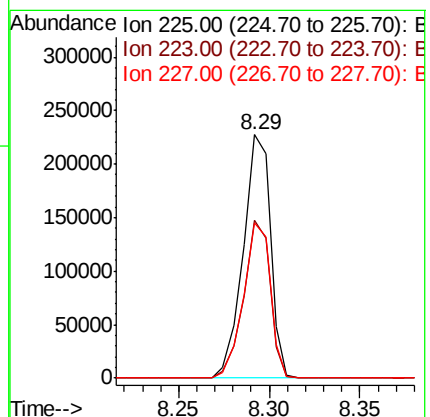
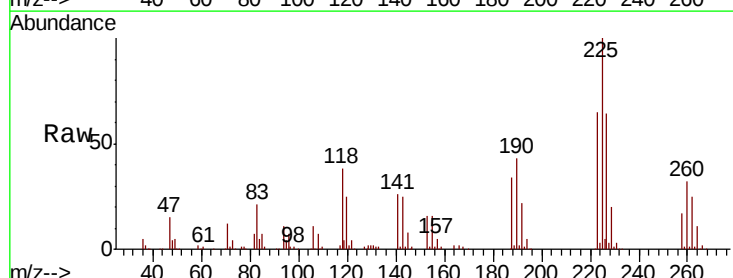
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#34
 Hexachlorobutadiene
 Concen: 34.147 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	51.0	76.6		
227	64.0	52.8	79.2		





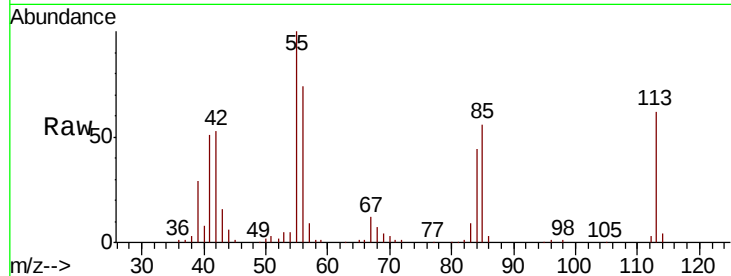
#35
Caprolactam
Concen: 34.773 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	160.9	130.5	170.5		
56	119.5	93.1	133.1		

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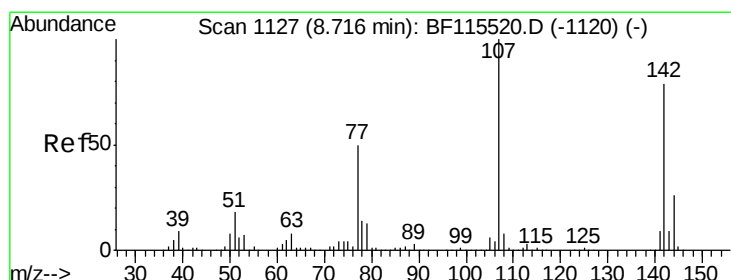
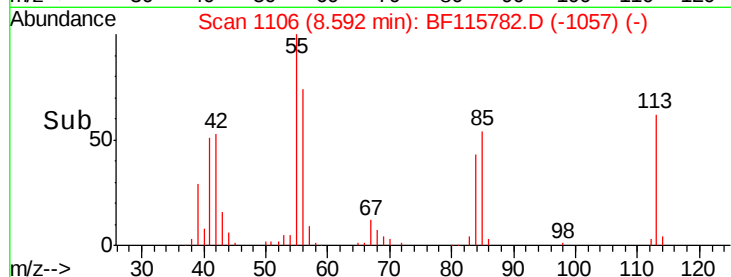
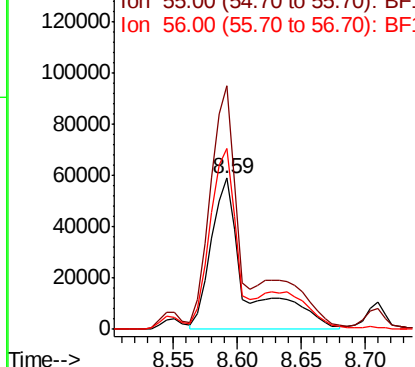


Abundance

Ion 113.00 (112.70 to 113.70): E

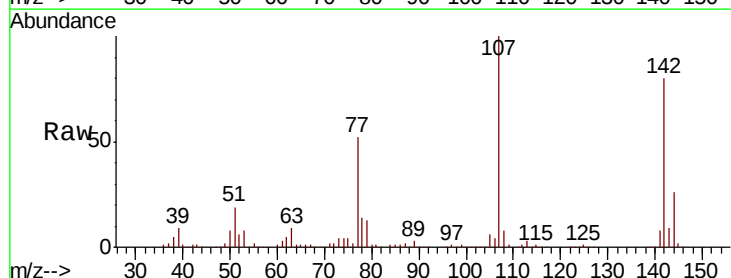
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 36.277 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0	20.1	30.1		
142	80.2	62.3	93.5		

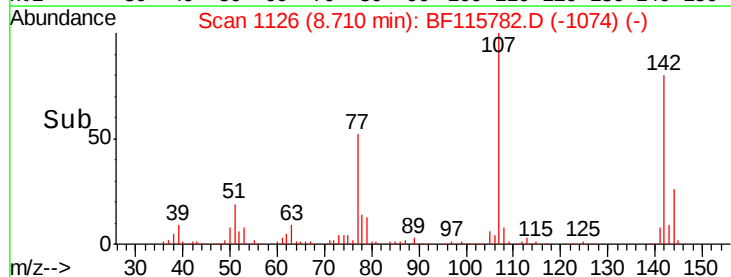
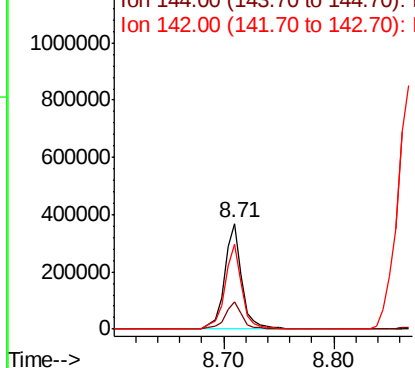


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





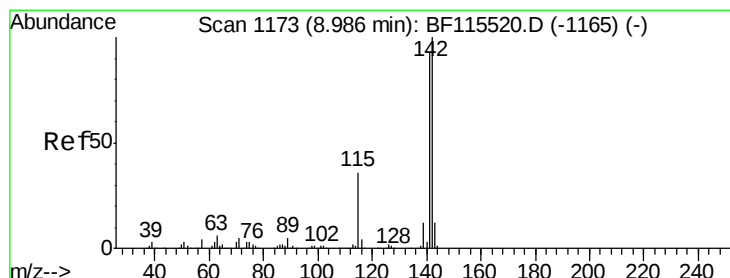
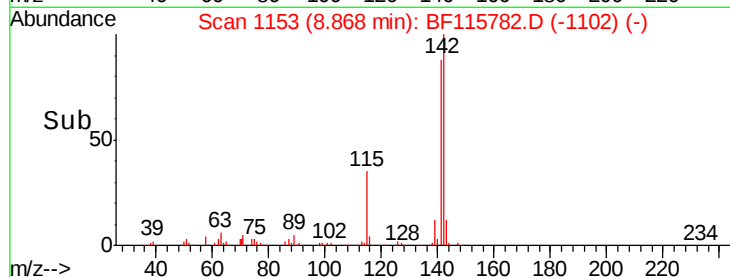
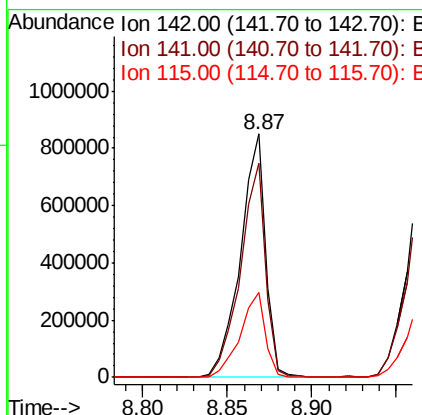
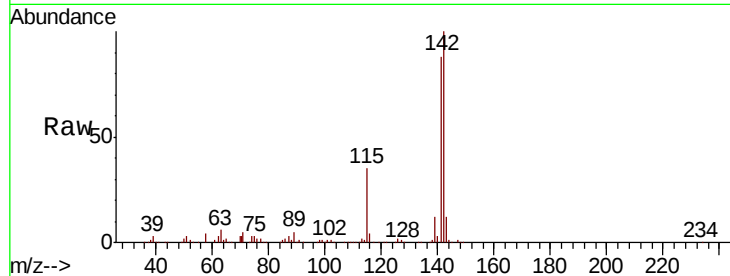
#37
2-Methylnaphthalene
Concen: 38.118 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.4
115	35.0	27.7	41.5

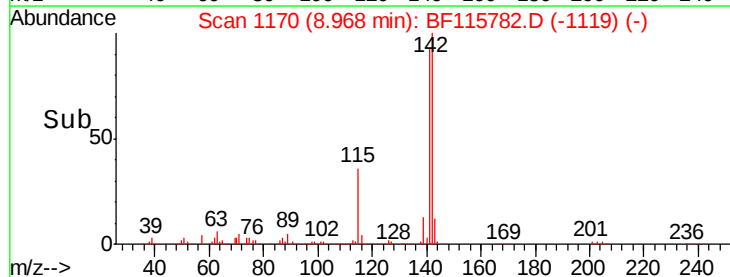
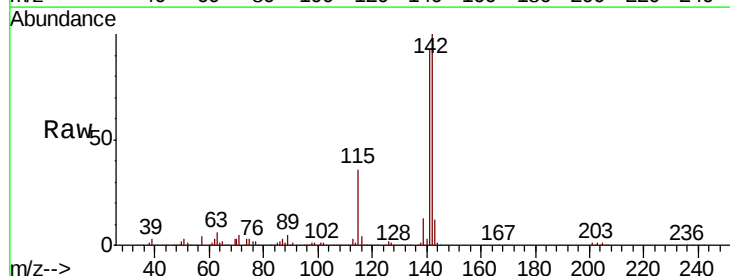
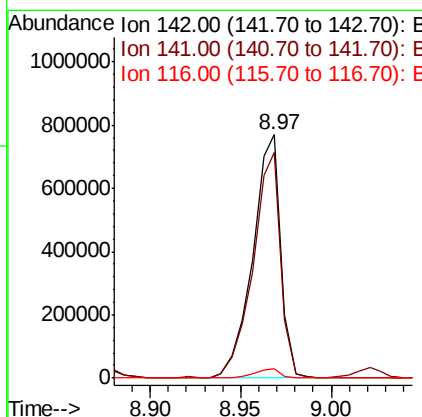
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#38
1-Methylnaphthalene
Concen: 37.199 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

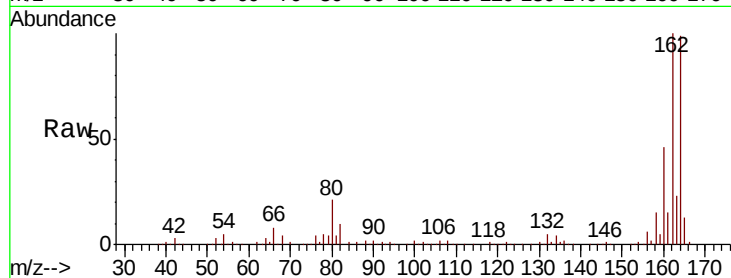
ClientSampleID :

PB121703BS

Tot Ion:	164	Resp:	364103
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.8	122.6
160	46.6	37.5	56.3

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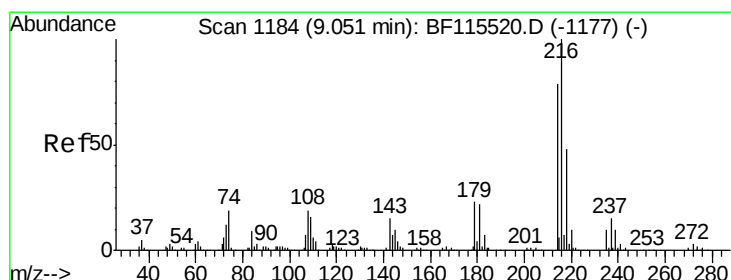
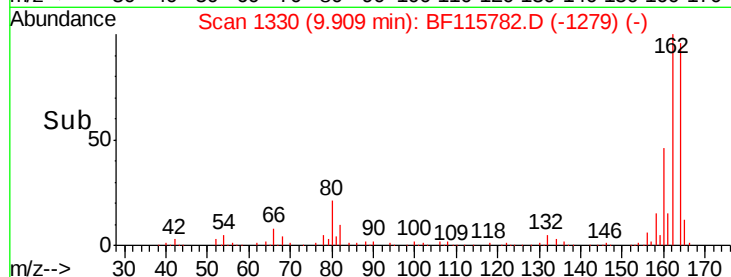
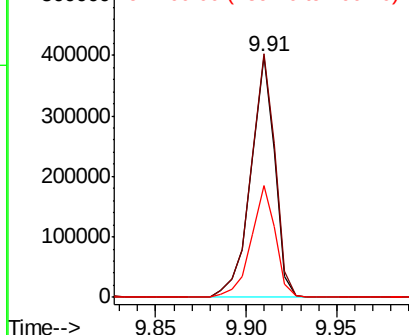


Abundance

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: 36.245 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	216	Resp:	397408
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.0	94.6
179	22.2	17.4	26.2
108	20.9	16.6	25.0

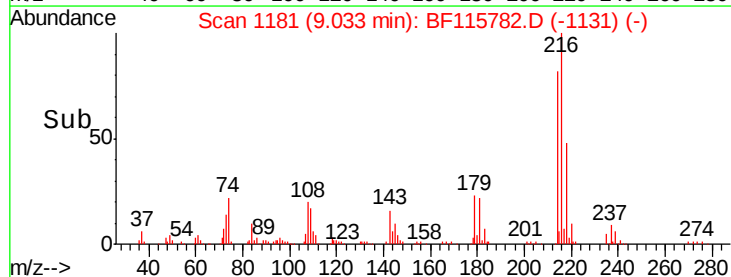
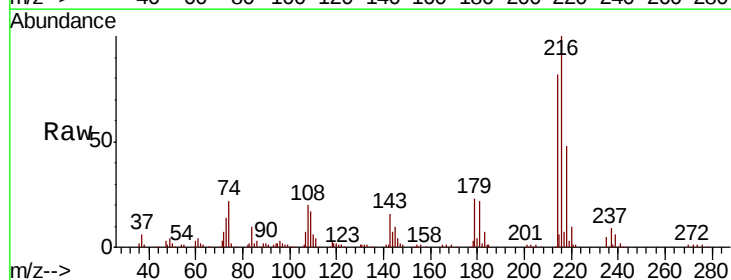
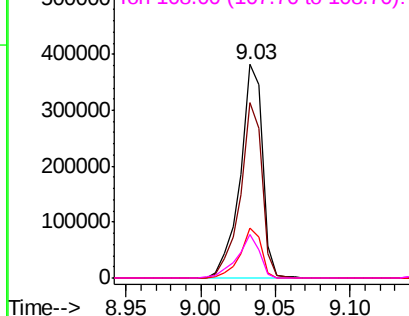
Abundance

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: 39.903 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

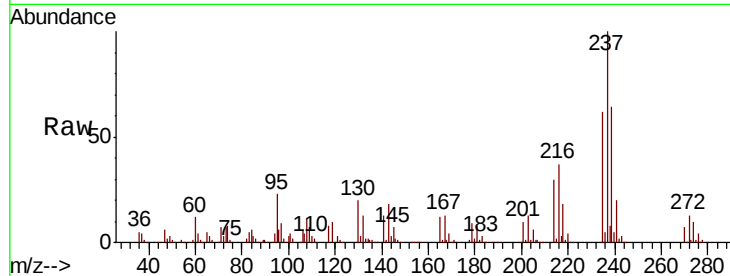
ClientSampleId :

PB121703BS

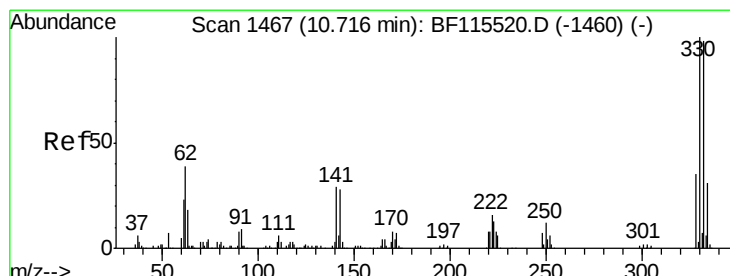
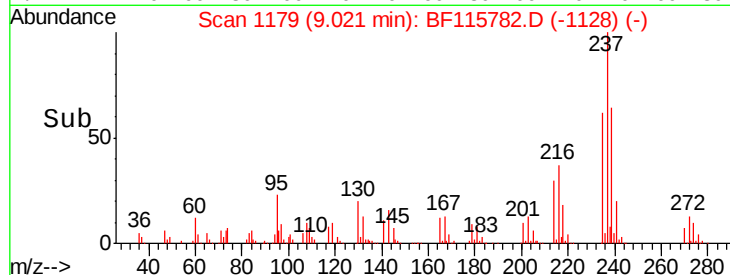
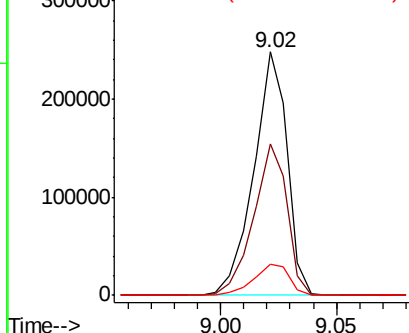
Tot Ion:	237	Resp:	249574
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.3	84.3
272	13.0	0.0	33.0

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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: 93.655 ng

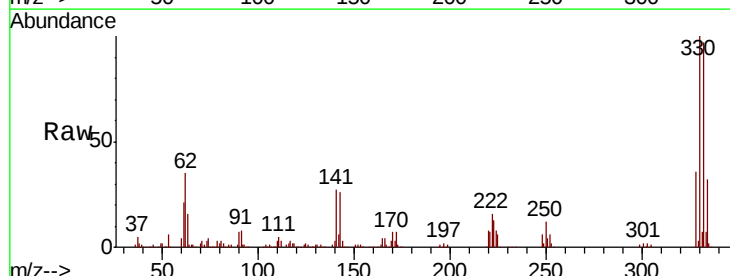
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

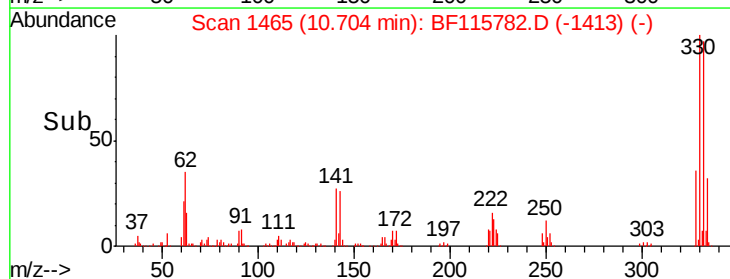
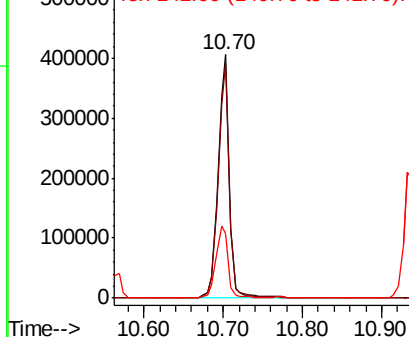
Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	330	Resp:	398030
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.1	114.1
141	32.4	25.9	38.9



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





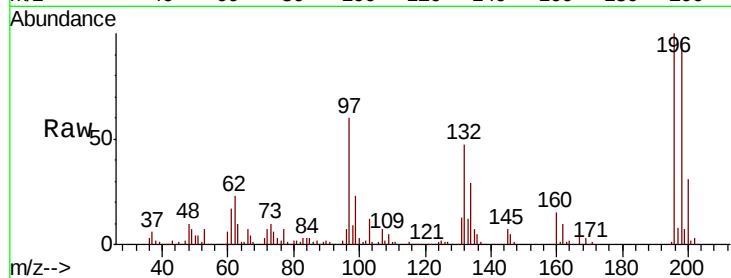
#43
 2,4,6-Trichlorophenol
 Concen: 33.346 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleID :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267377		
198	97.3	79.8	119.6	
200	31.5	25.4	38.0	

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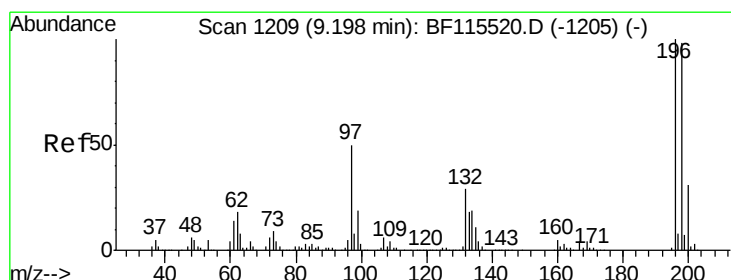
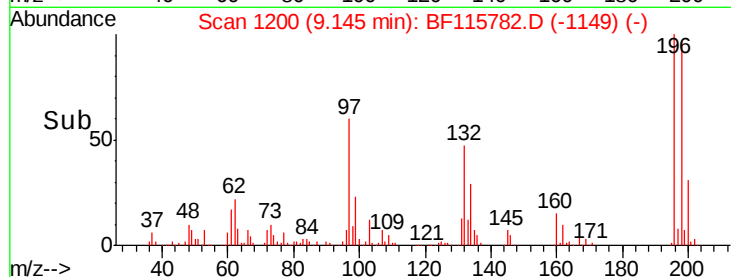
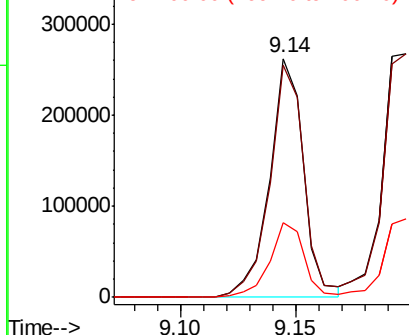


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.787 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285652		
198	100.1	78.2	117.2	
97	43.0	41.9	62.9	
132	26.5	24.1	36.1	

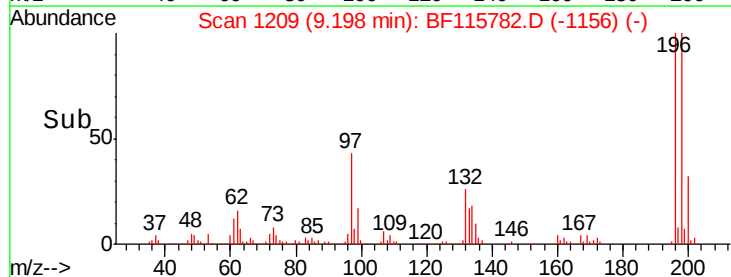
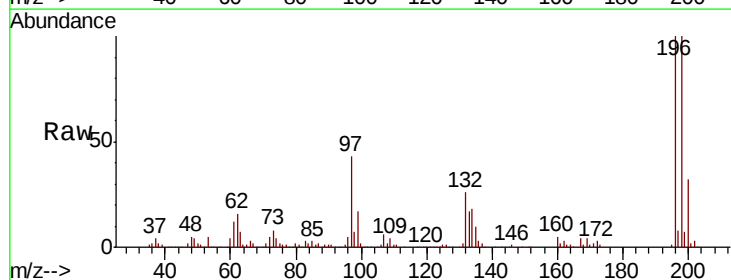
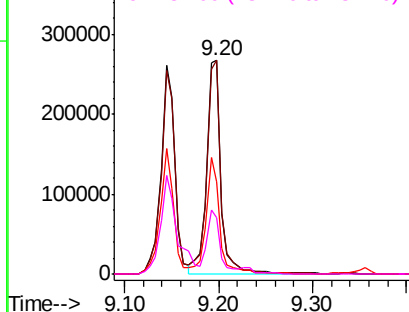
Abundance

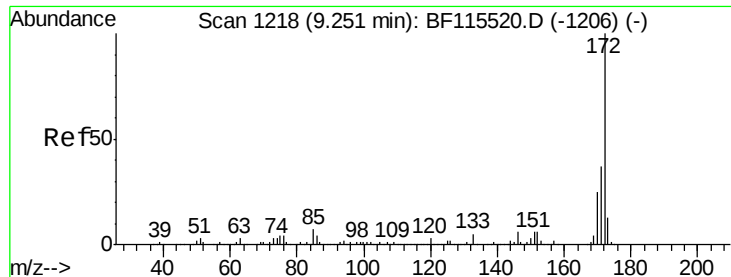
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





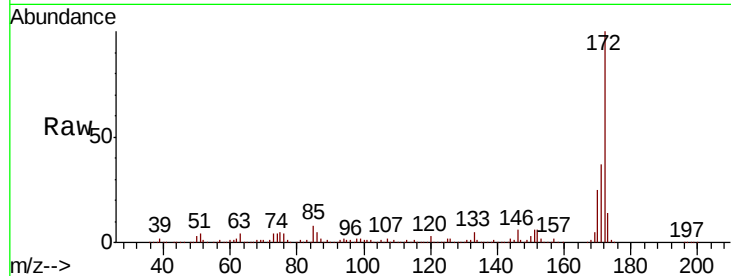
#45
2-Fluorobiphenyl
Concen: 77.659 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

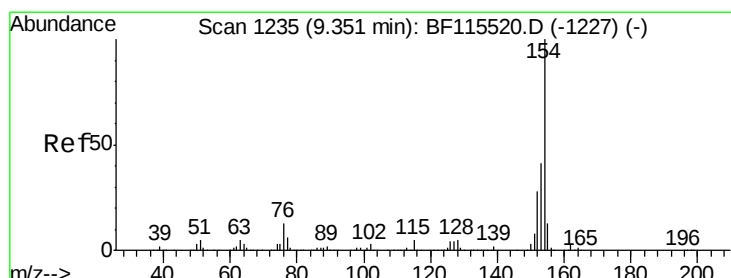
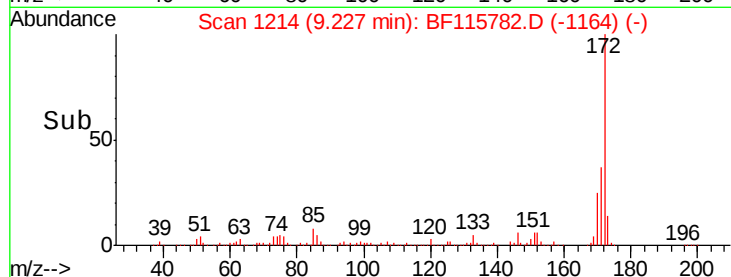
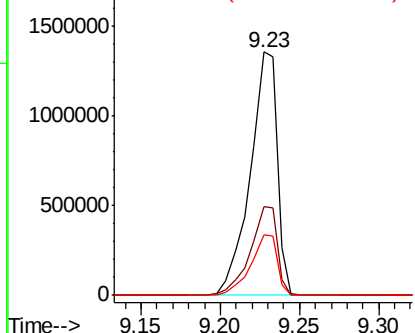
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.9	20.1	30.1

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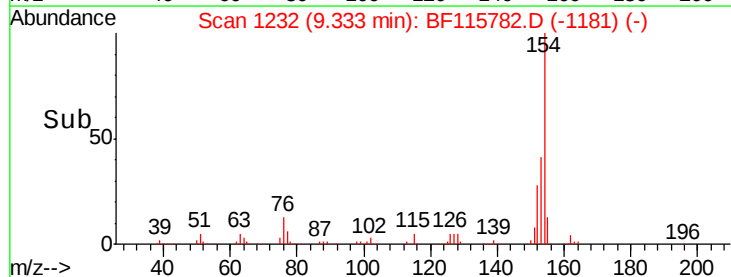
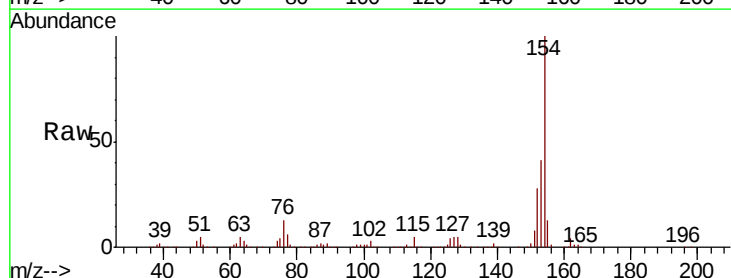
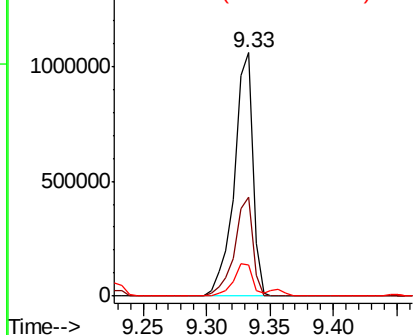
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

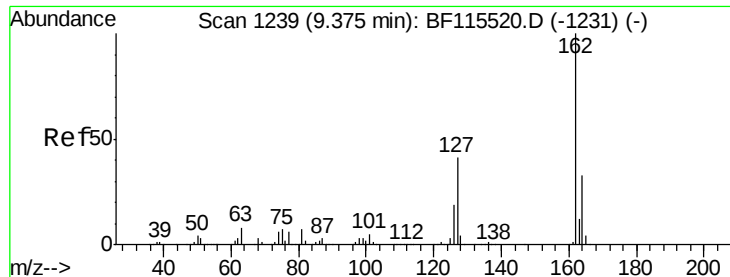


#46
1,1'-Biphenyl
Concen: 37.416 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	12.8	0.0	33.2

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





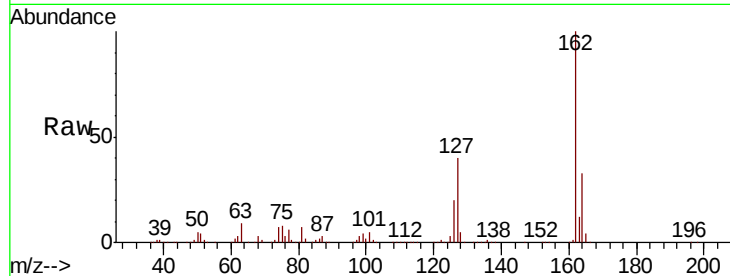
#47
2-Chloronaphthalene
Concen: 35.019 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	32.1	48.1	
164	33.3	26.2	39.4	

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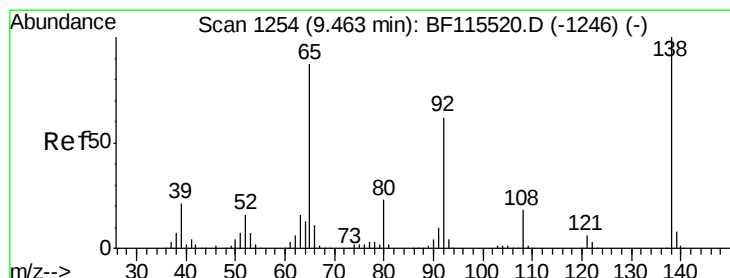
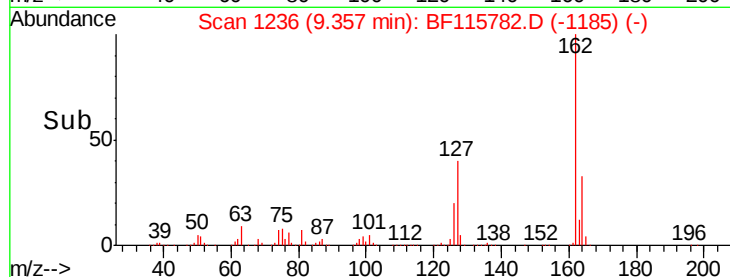
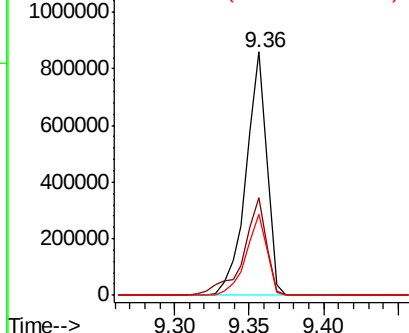


Abundance

Ion 162.00 (161.70 to 162.70): E

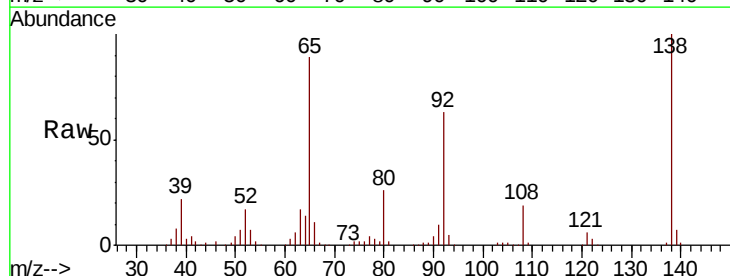
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 34.731 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.4	56.9	85.3	
138	112.2	91.4	137.2	

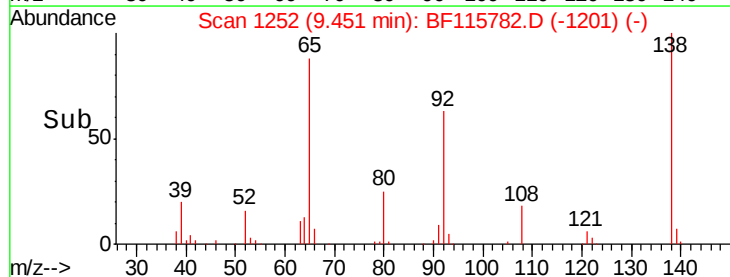
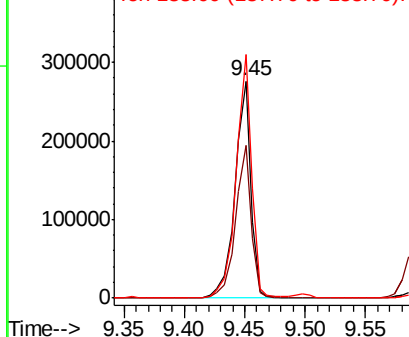


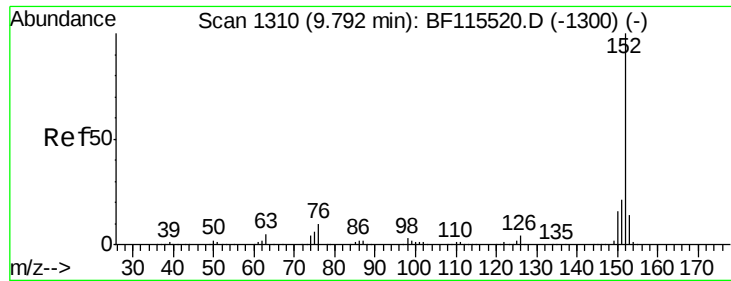
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.549 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:152 Resp: 1248495

Ion Ratio Lower Upper

152 100

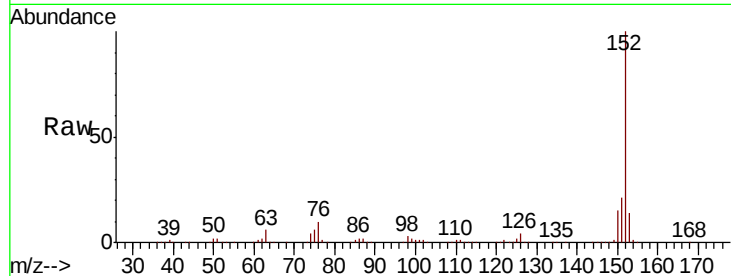
151 20.8 16.9 25.3

153 13.9 11.5 17.3

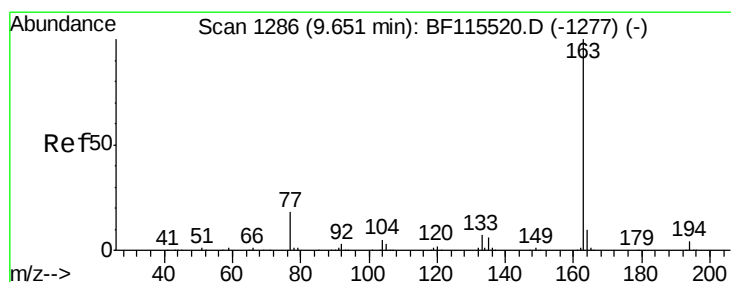
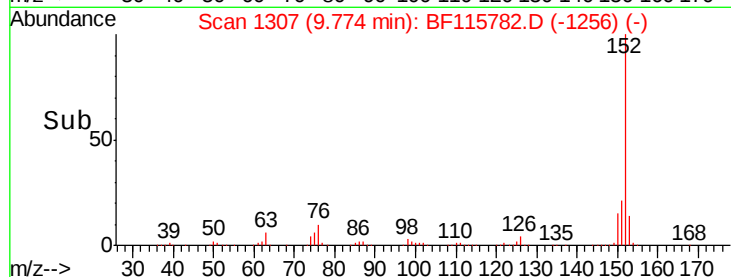
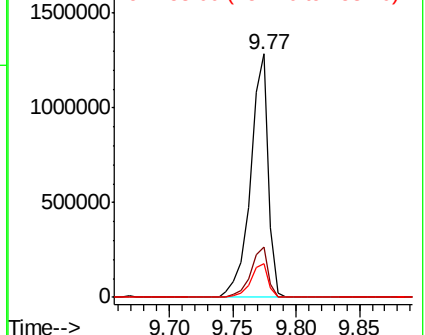
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.433 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

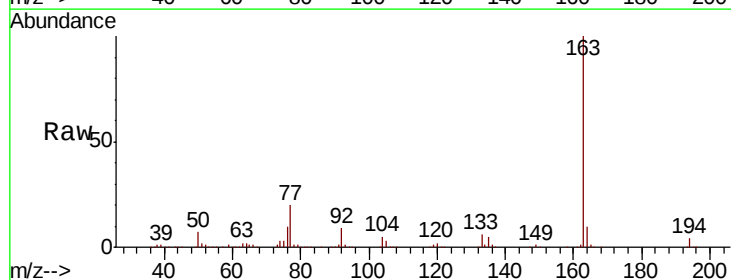
Tgt Ion:163 Resp: 970642

Ion Ratio Lower Upper

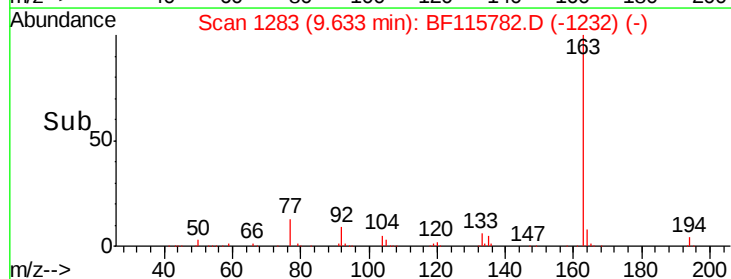
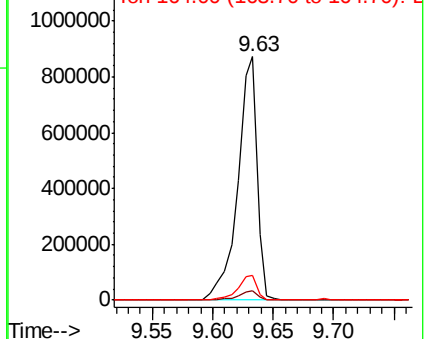
163 100

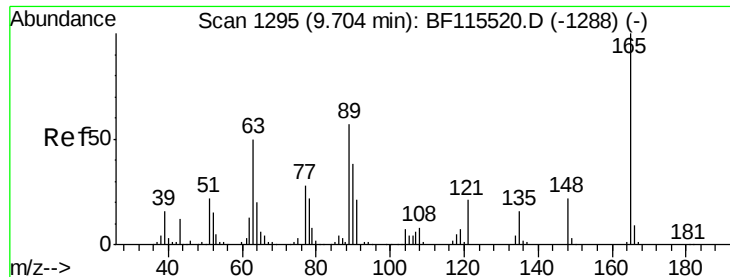
194 3.8 3.2 4.8

164 10.0 8.3 12.5



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: 34.512 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

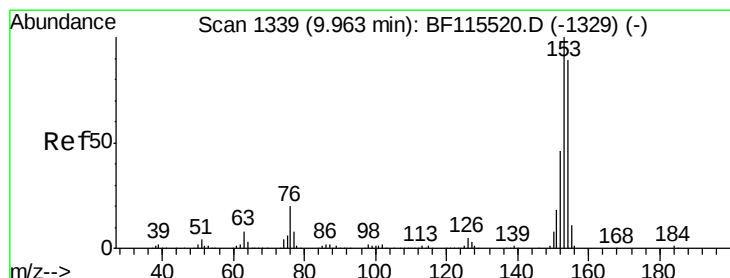
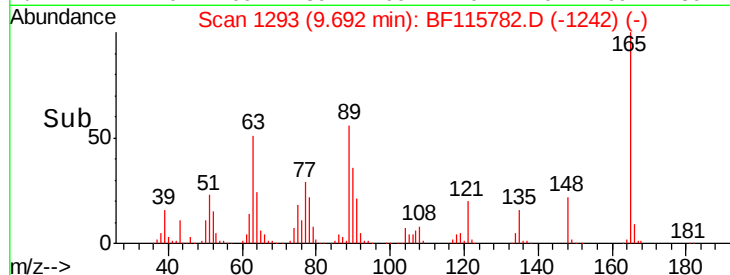
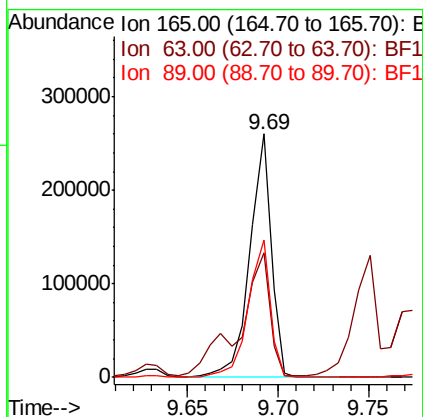
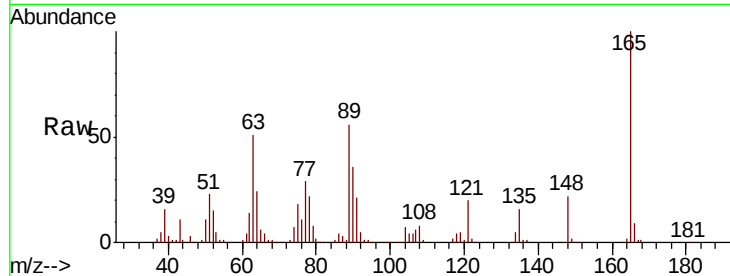
ClientSampleId :

PB121703BS

Tot Ion:	165	Resp:	214851
Ion Ratio	Lower	Upper	
165	100		
63	51.3	43.5	65.3
89	56.2	46.3	69.5

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#52

Acenaphthene

Concen: 33.693 ng

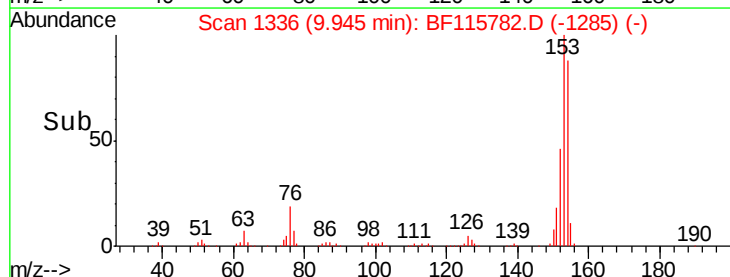
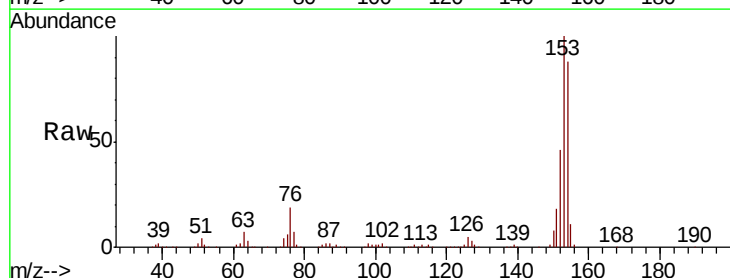
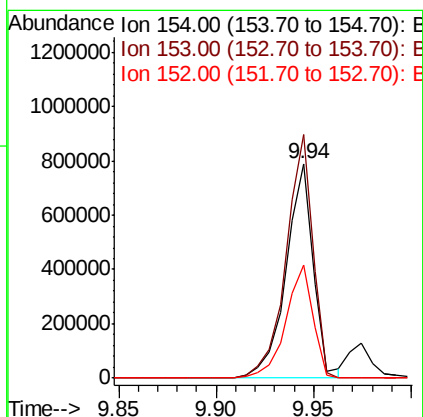
RT: 9.94 min Scan# 1336

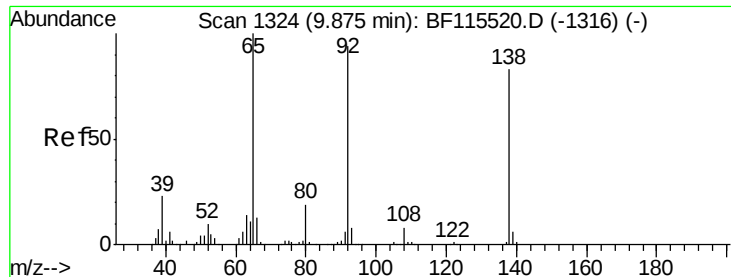
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	154	Resp:	763956
Ion Ratio	Lower	Upper	
154	100		
153	113.6	88.1	132.1
152	52.8	42.0	63.0





#53

3-Nitroaniline

Concen: 24.801 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

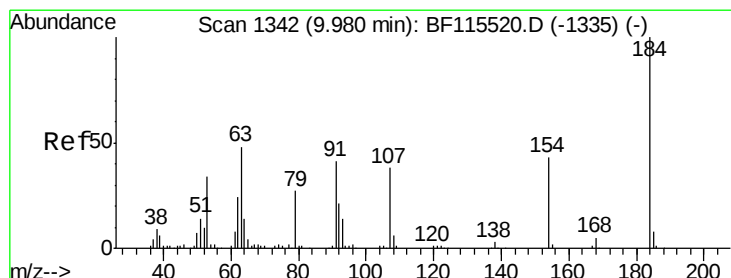
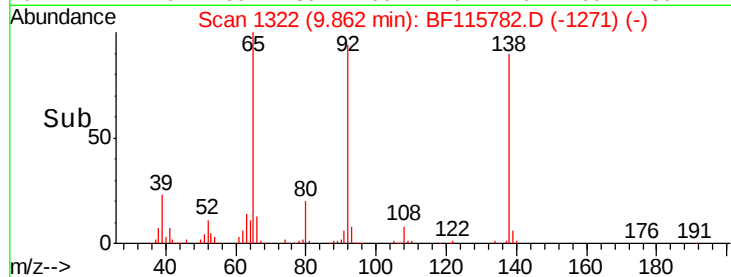
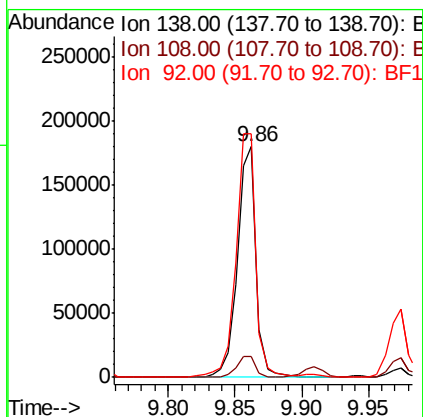
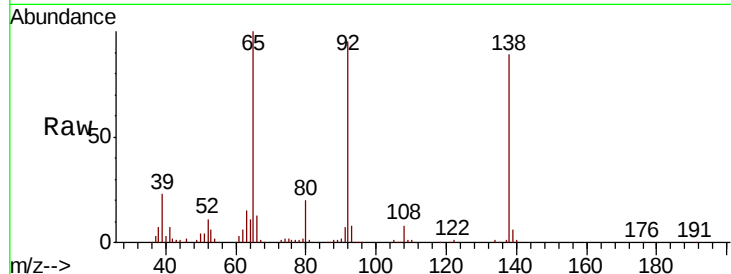
ClientSampleId :

PB121703BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	105.7	87.2	130.8

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#54

2,4-Dinitrophenol

Concen: 64.769 ng

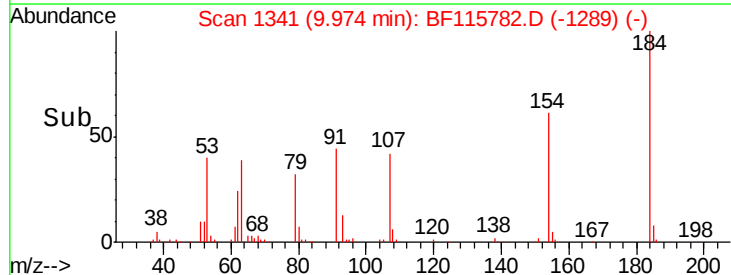
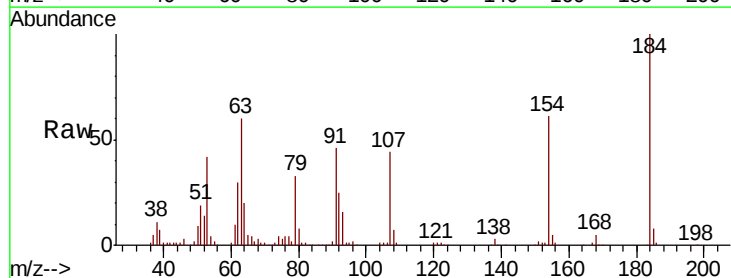
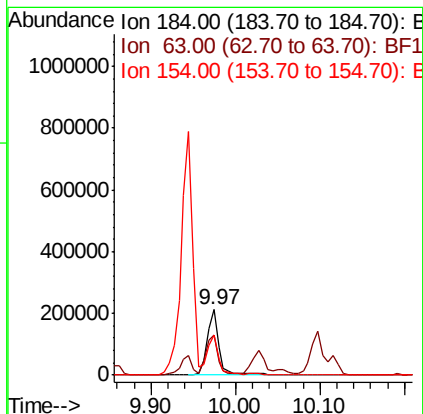
RT: 9.97 min Scan# 1341

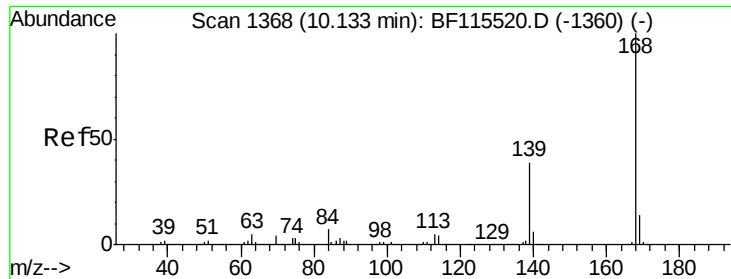
Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	55.2	82.8
154	60.9	51.4	77.0





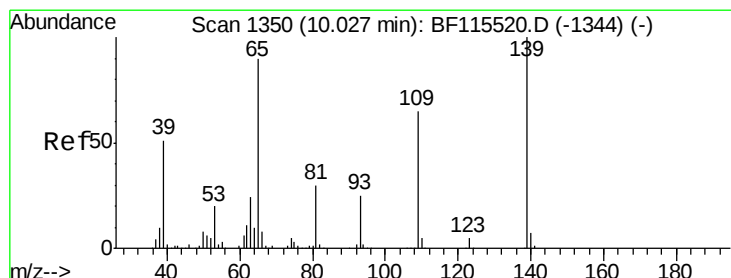
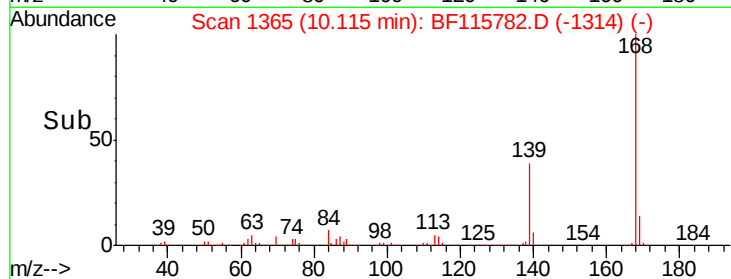
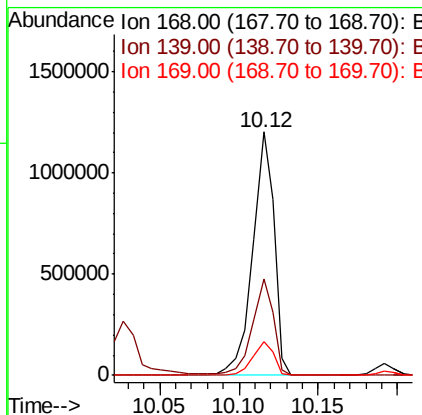
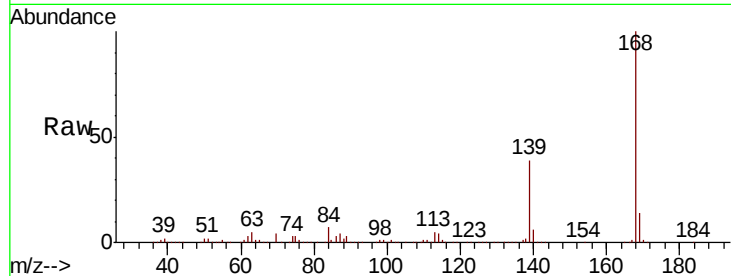
#55
Dibenzofuran
Concen: 34.929 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.4	47.2
169	14.1	11.3	16.9

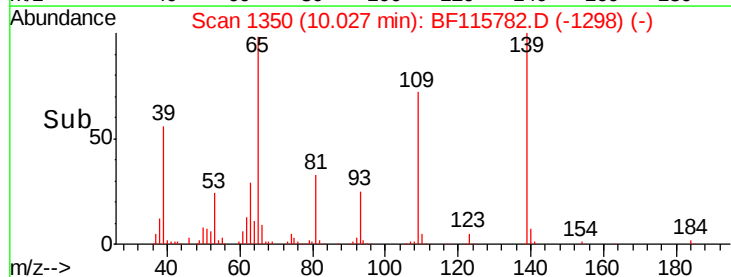
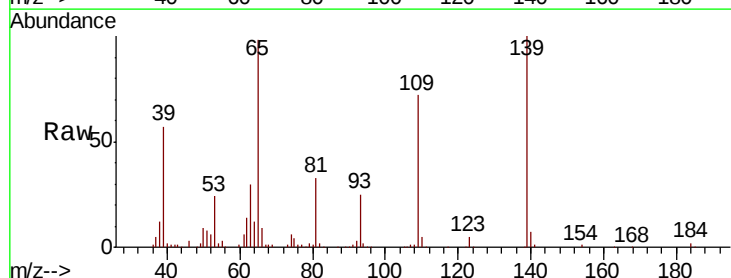
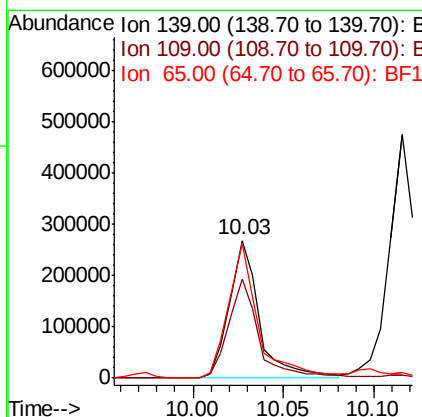
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#56
4-Nitrophenol
Concen: 57.140 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	51.2	91.2
65	97.7	76.0	116.0





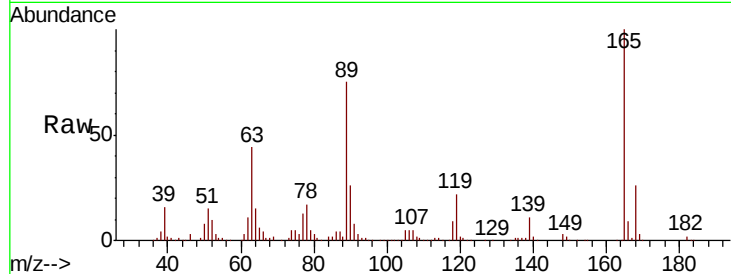
#57
 2,4-Dinitrotoluene
 Concen: 35.174 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

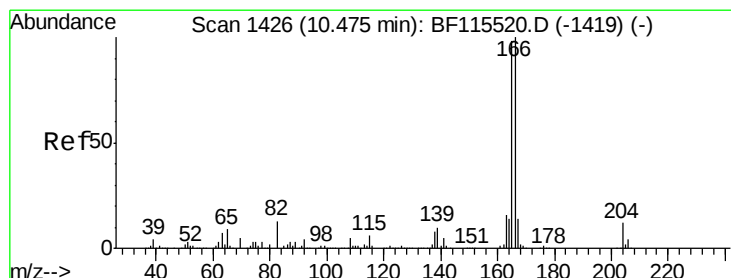
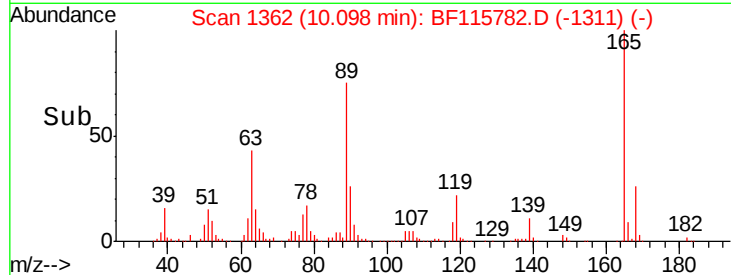
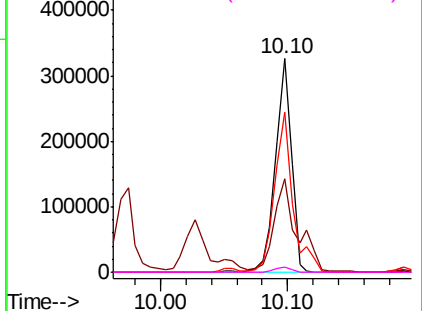
Tot Ion	Ratio	Resp	Lower	Upper
165	100	283696		
63	43.5		33.4	50.2
89	75.2		57.3	85.9
182	2.4		2.1	3.1

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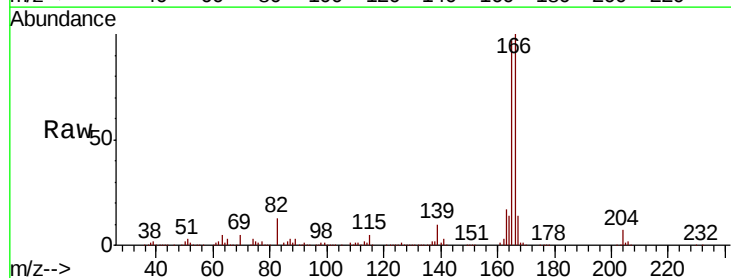


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

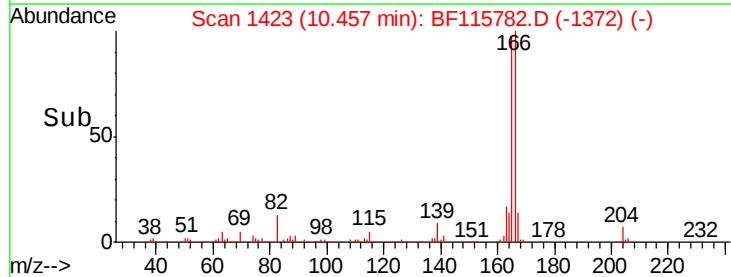
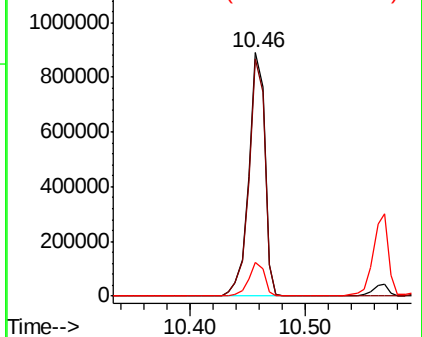


#58
 Fluorene
 Concen: 37.206 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	856451		
165	97.5		79.0	118.4
167	14.0		11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





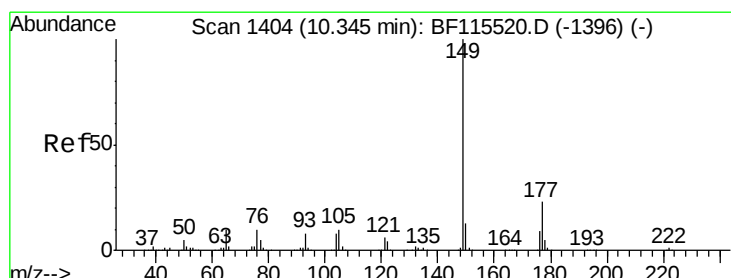
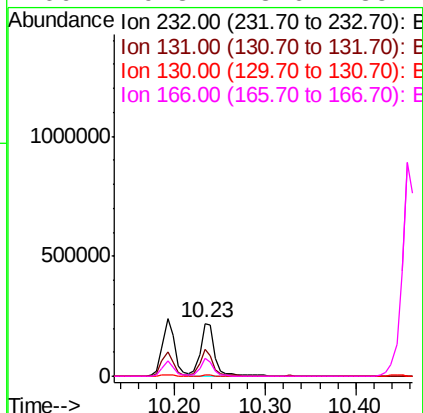
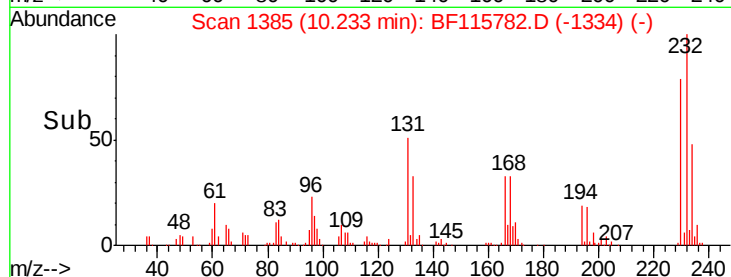
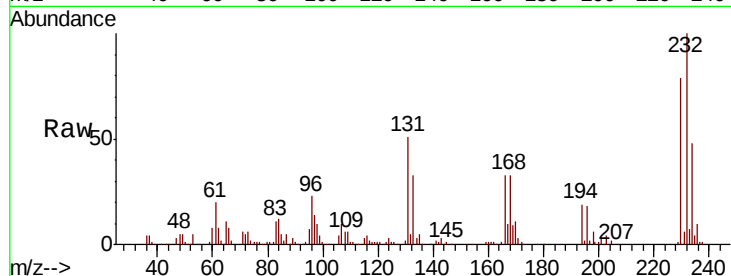
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.626 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampled :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	244550		
131	45.2	35.8	53.8	
130	2.2	1.8	2.6	
166	29.3	23.6	35.4	

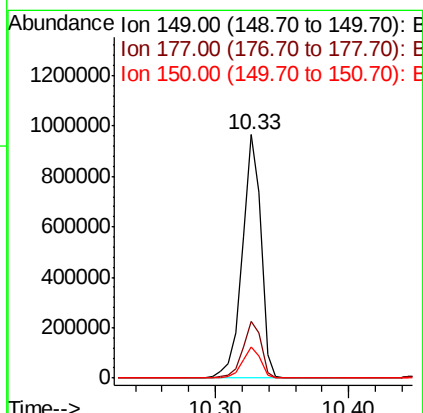
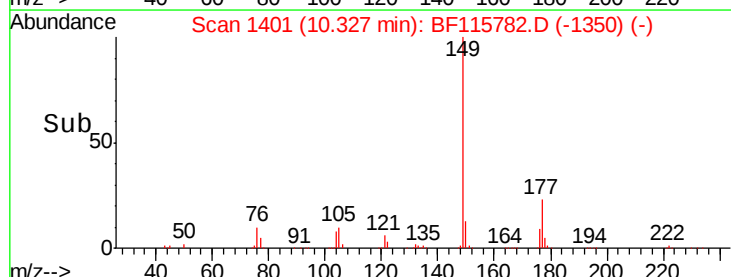
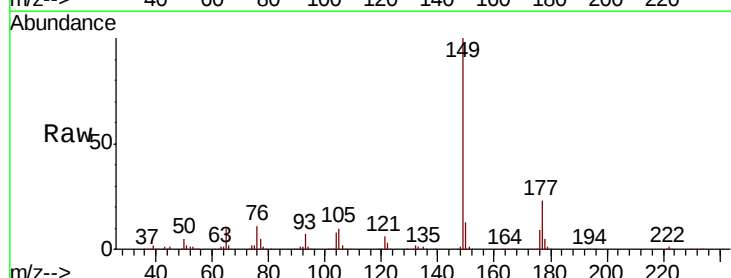
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#60
Diethylphthalate
Concen: 36.332 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	932523		
177	23.0	19.0	28.4	
150	12.9	10.5	15.7	





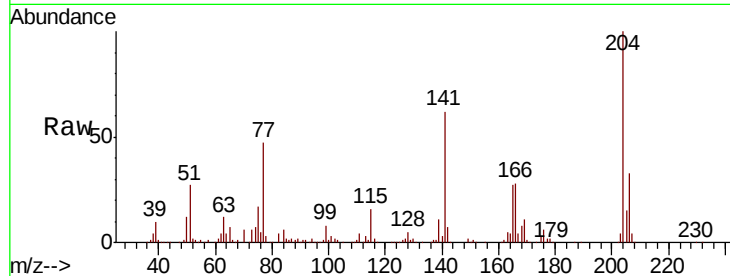
#61
4-Chlorophenyl-phenylether
Concen: 33.823 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	61.9	47.3	70.9

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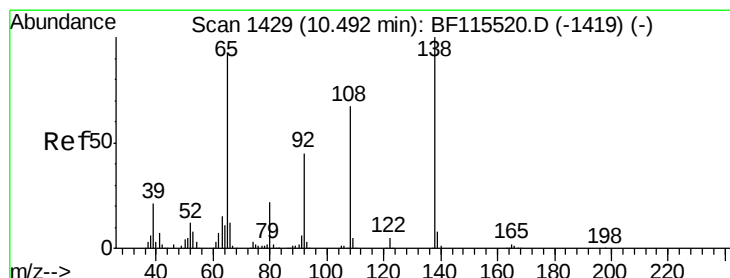
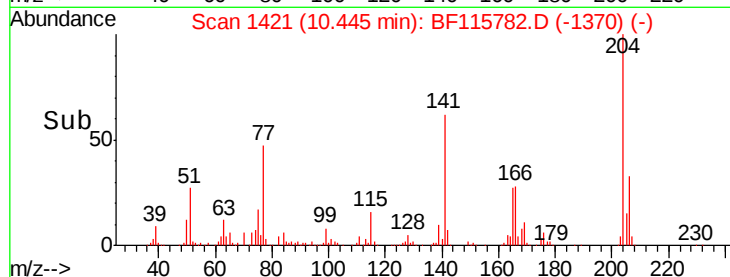
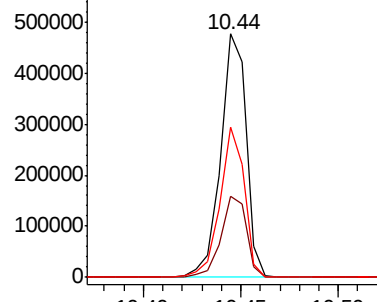


Abundance

Ion 204.00 (203.70 to 204.70): E

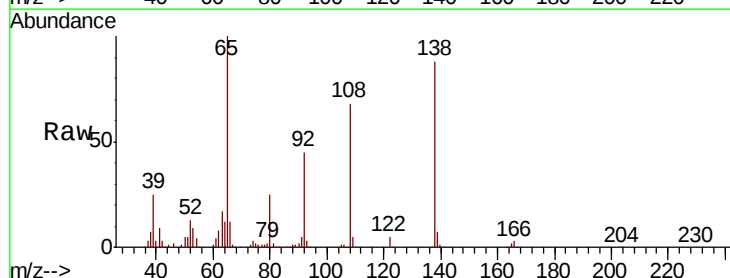
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.499 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	30.3	70.3
108	77.3	55.0	95.0

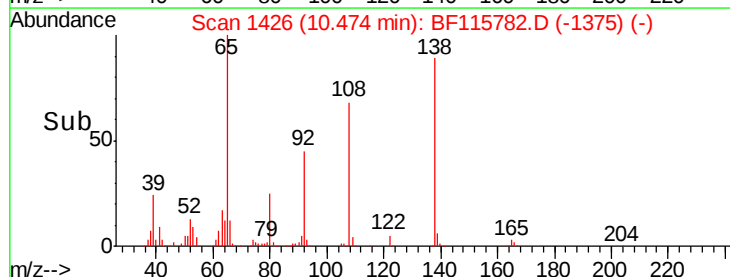
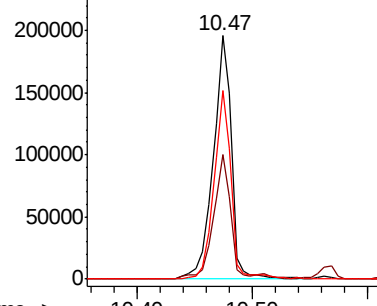


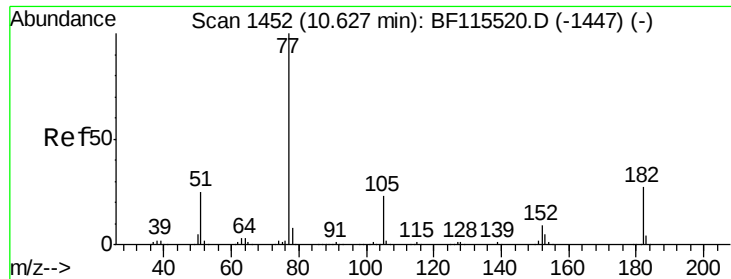
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





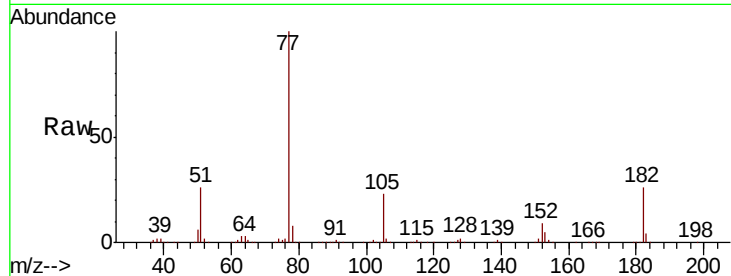
#63
Azobenzene
Concen: 38.021 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

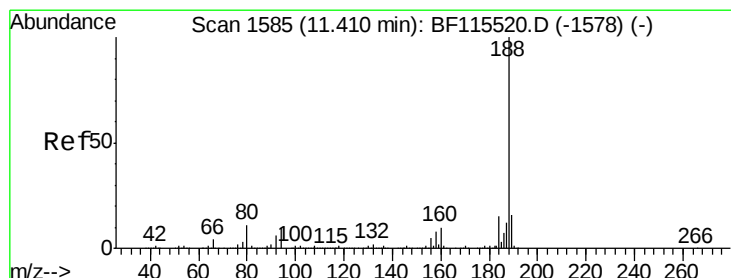
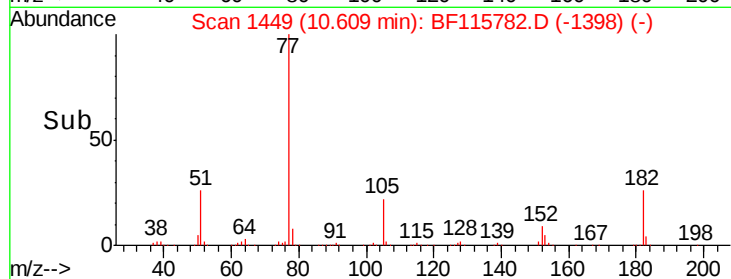
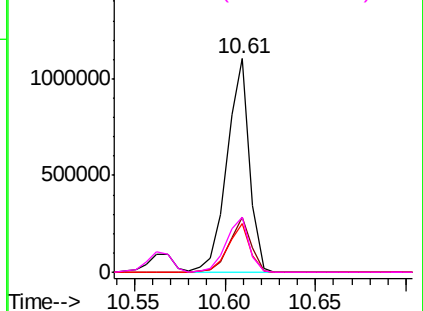
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.0	6.9	46.9		
105	22.8	3.1	43.1		
51	25.9	6.7	46.7		

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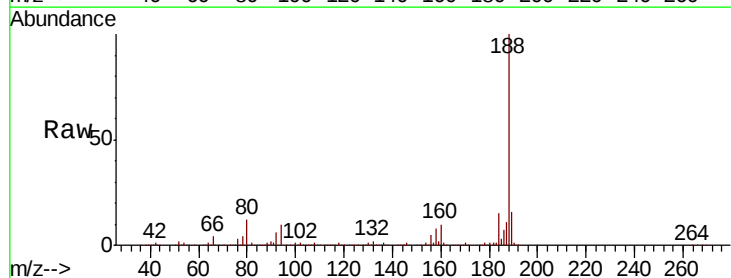


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

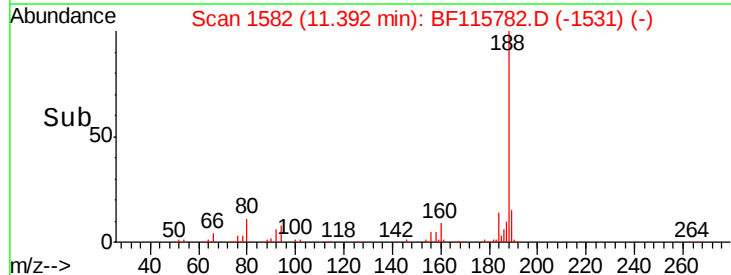
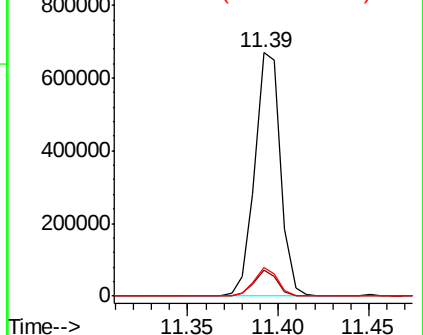


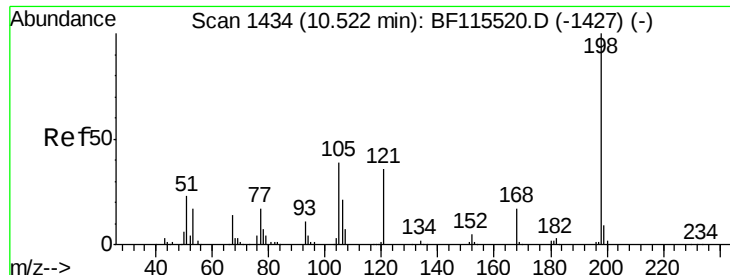
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.4	8.2	12.2		
80	11.5	9.0	13.6		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 33.646 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

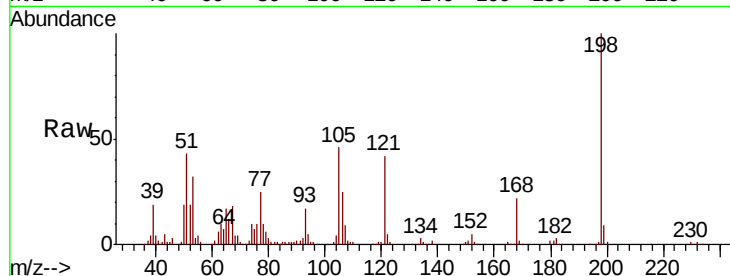
ClientSampleId :

PB121703BS

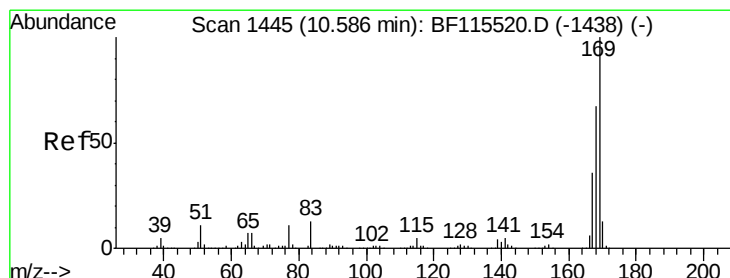
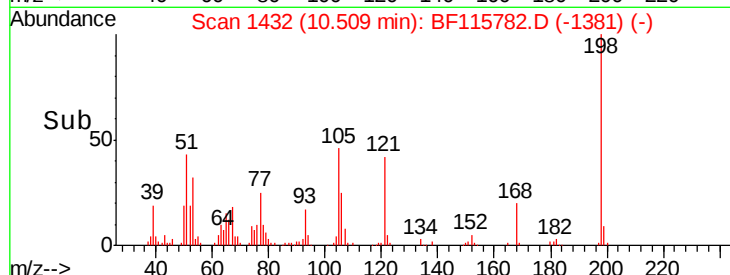
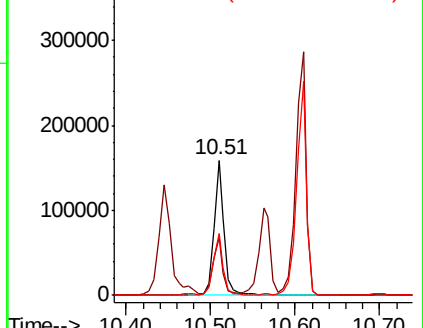
Tot Ion:	198	Resp:	136523
Ion Ratio	Lower	Upper	
198	100		
51	42.6	20.3	60.3
105	45.7	24.7	64.7

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.087 ng

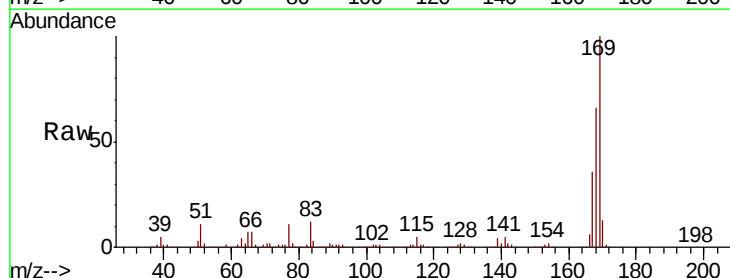
RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

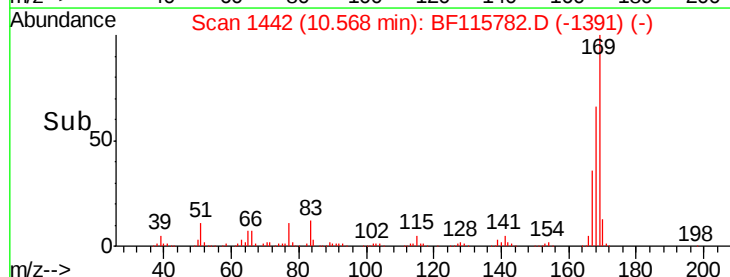
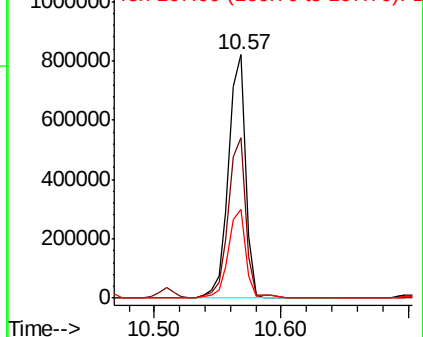
Lab File: BF115782.D

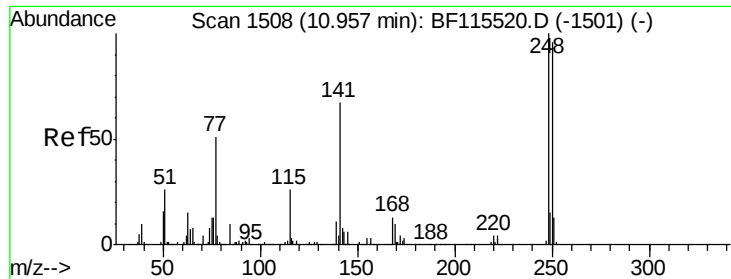
Acq: 26 Jul 2019 12:21

Tgt Ion:	169	Resp:	766170
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.4	80.0
167	36.5	29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





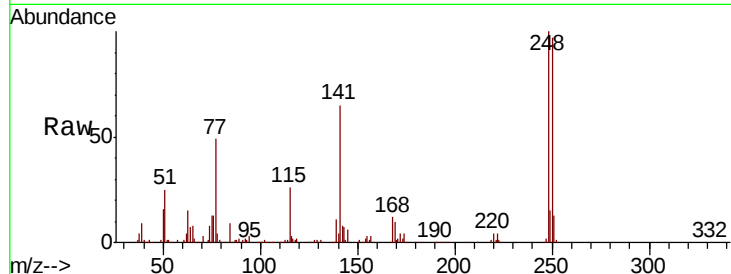
#67
4-Bromophenyl-phenylether
Concen: 35.536 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.4
141	65.0	52.1	78.1

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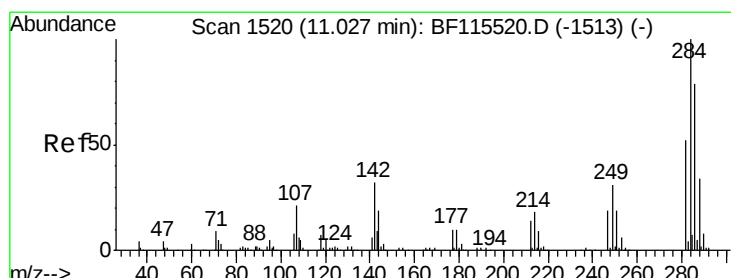
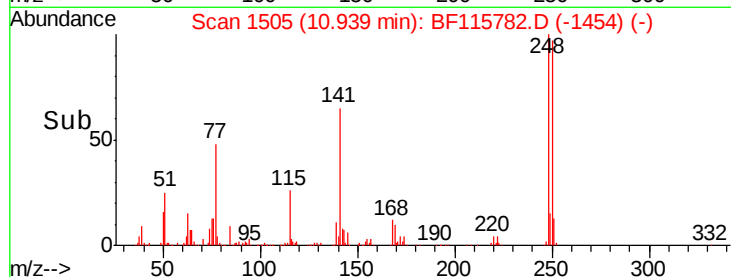
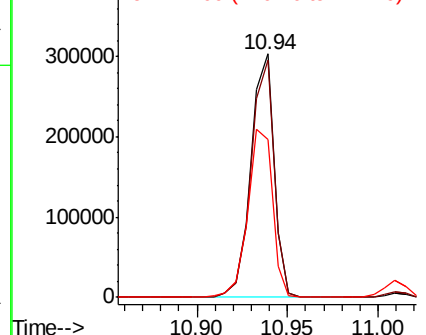


Abundance

Ion 248.00 (247.70 to 248.70): E

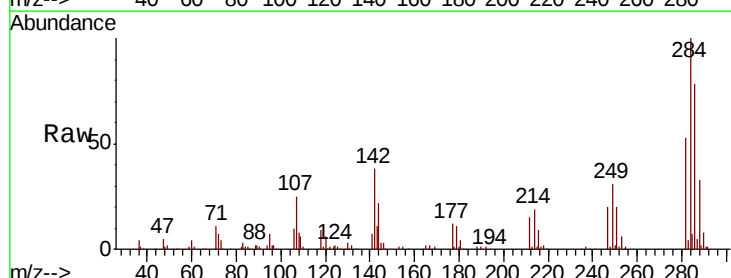
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.062 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	21.8	32.8#
249	30.7	23.1	34.7

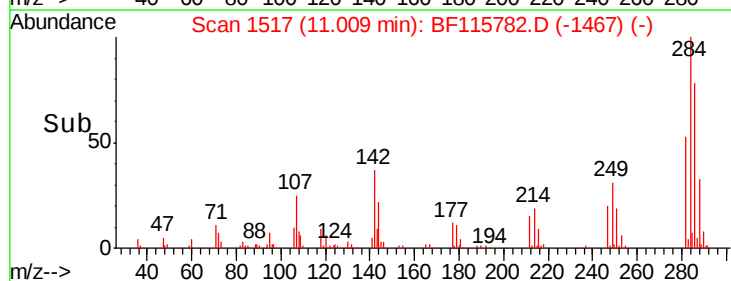
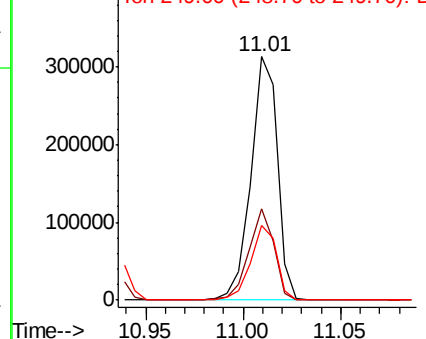


Abundance

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





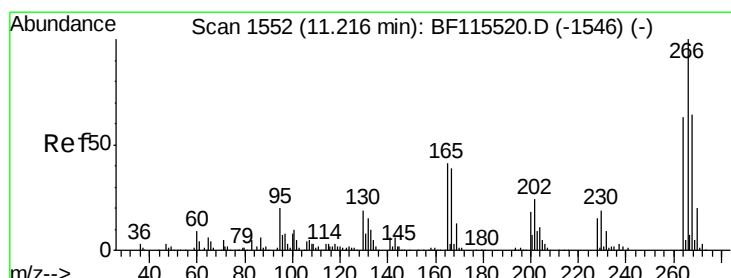
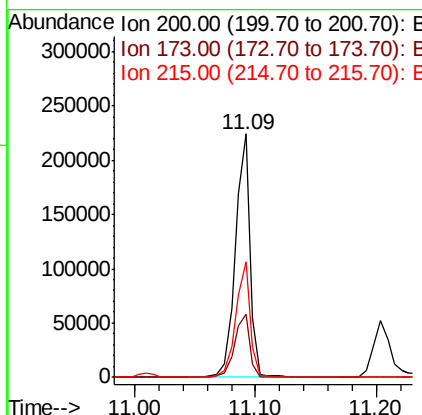
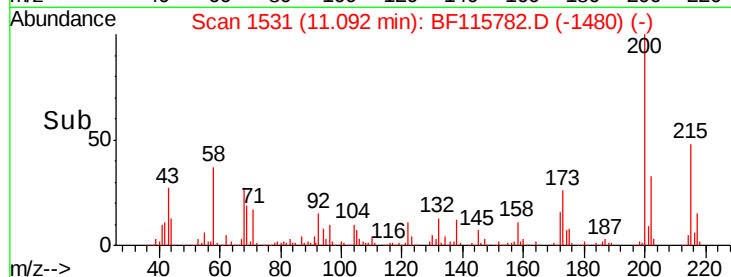
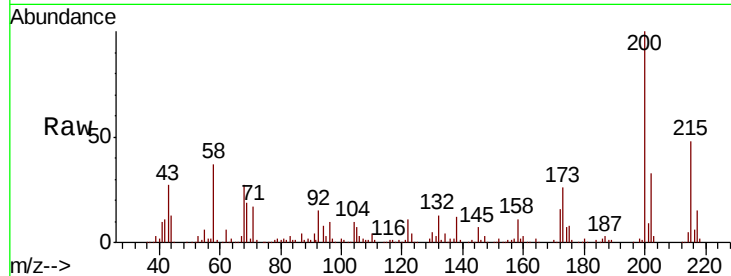
#69
Atrazine
Concen: 28.215 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	191220		
173	25.7	6.9	46.9	
215	47.7	26.6	66.6	

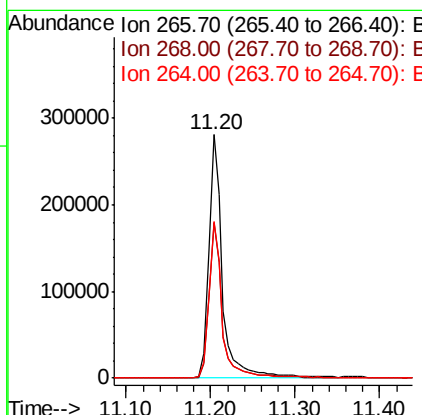
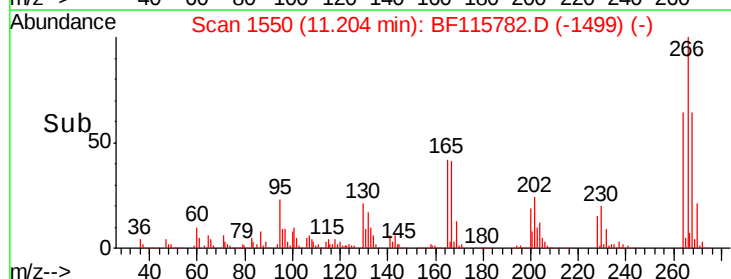
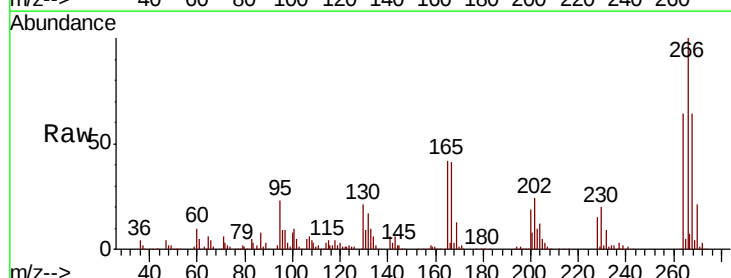
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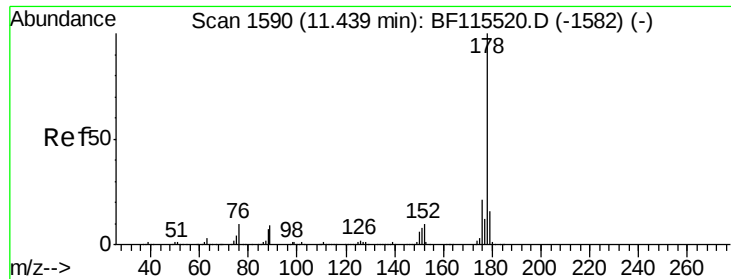
mohammad
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#70
Pentachlorophenol
Concen: 60.135 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	318775		
268	63.8	51.2	76.8	
264	64.5	50.0	75.0	





#71

Phenanthrene

Concen: 36.515 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion:178 Resp: 1243055

Ion Ratio Lower Upper

178 100

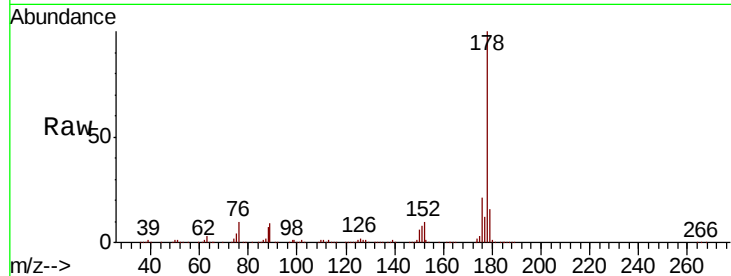
176 20.9 16.4 24.6

179 16.0 12.7 19.1

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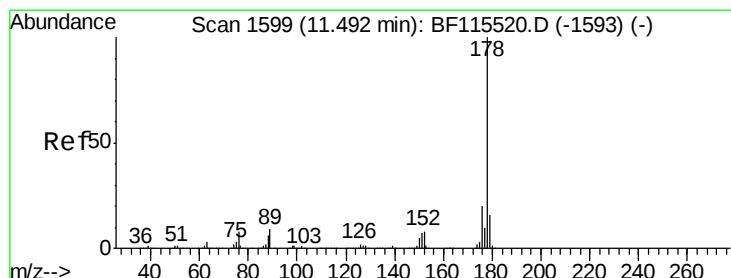
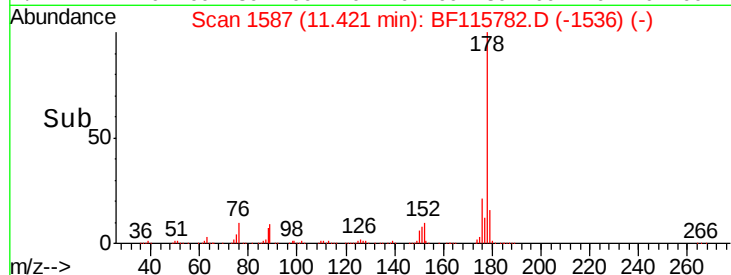
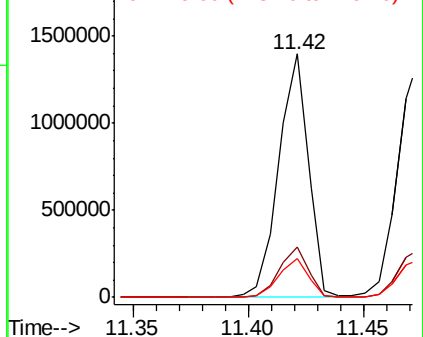
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.383 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:178 Resp: 1244835

Ion Ratio Lower Upper

178 100

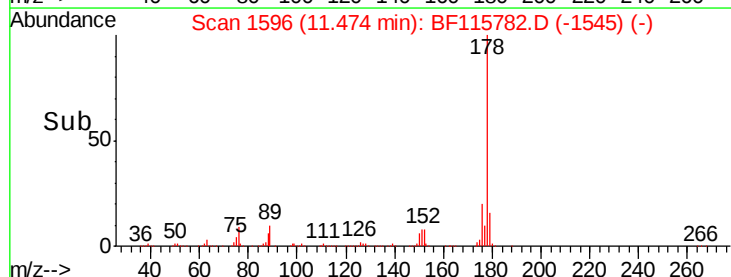
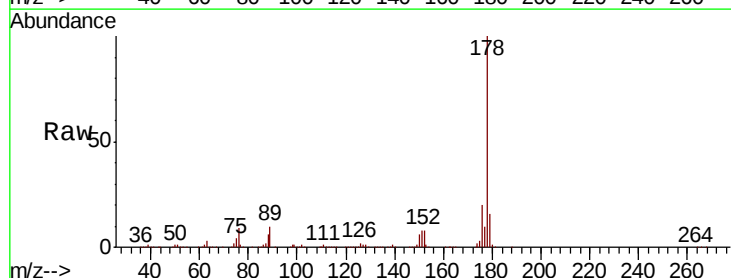
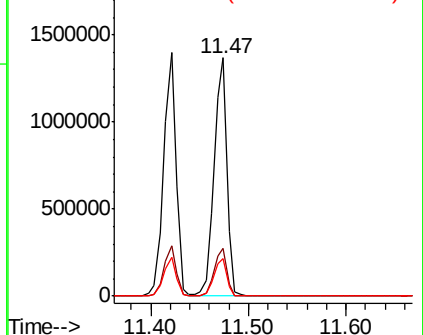
176 20.2 16.1 24.1

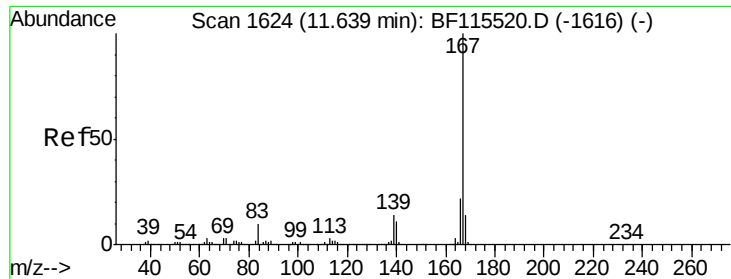
179 15.9 12.6 18.8

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





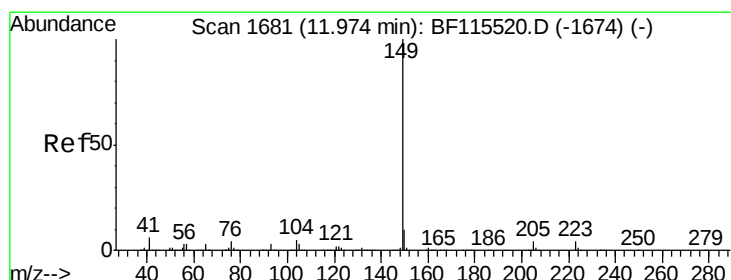
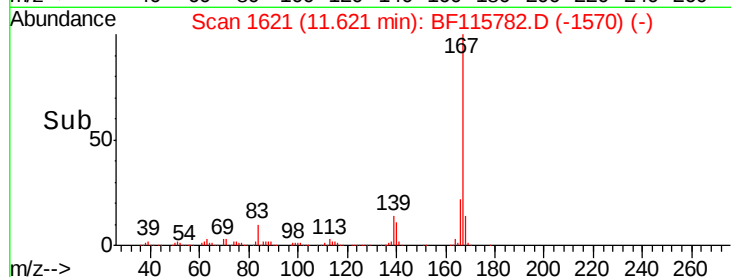
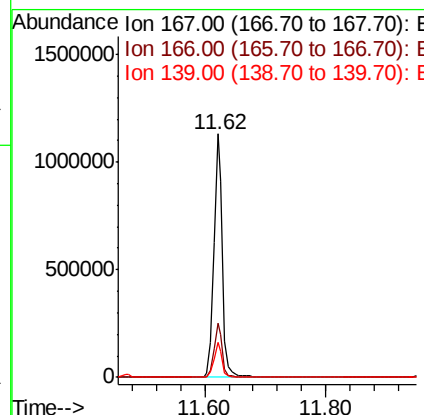
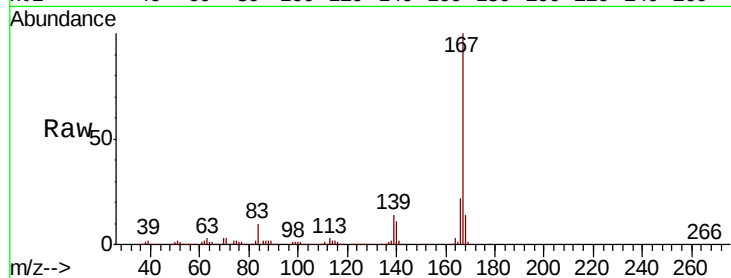
#73
 Carbazole
 Concen: 36.337 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	14.1	11.1	16.7

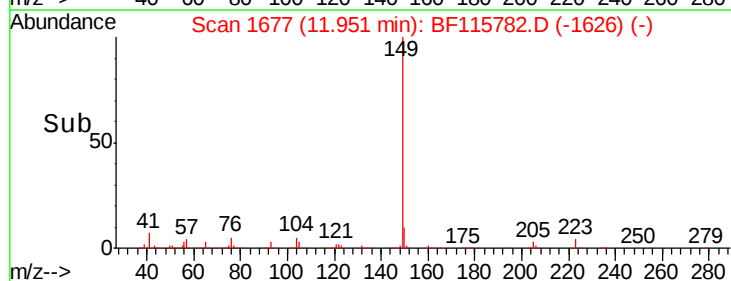
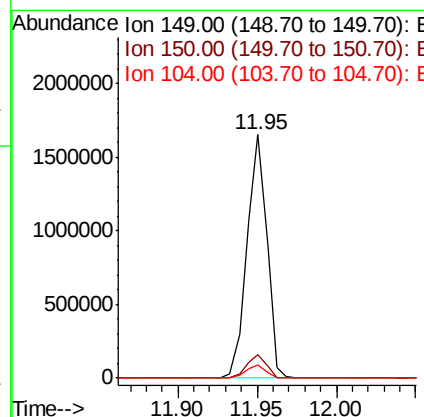
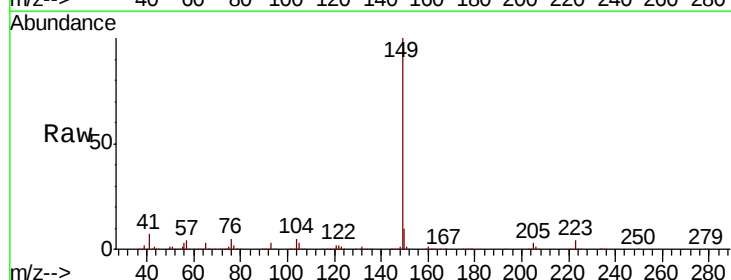
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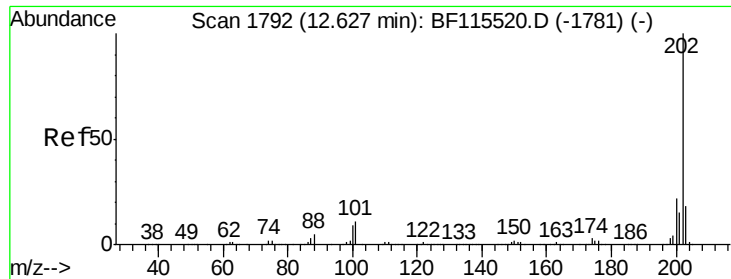
mohammad
 7/29/2019 5:28:44 PM



#74
 Di-n-butylphthalate
 Concen: 37.634 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 35.909 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

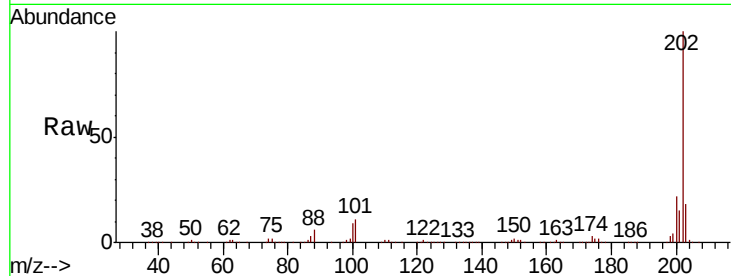
ClientSampleId :

PB121703BS

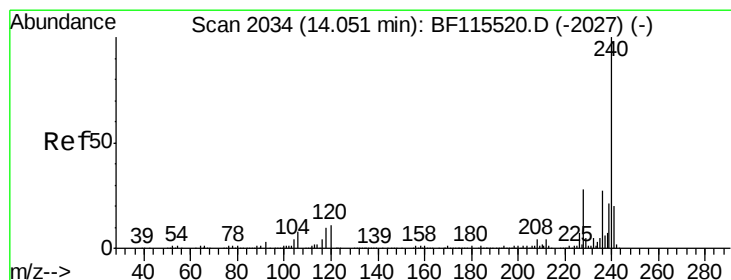
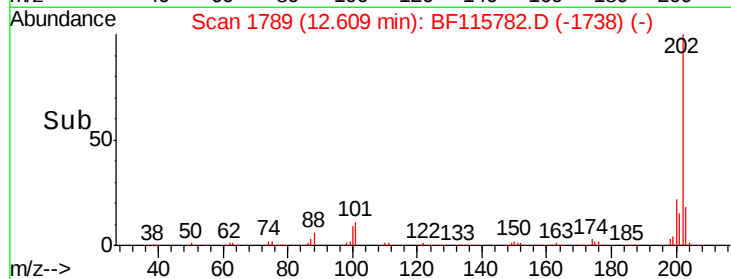
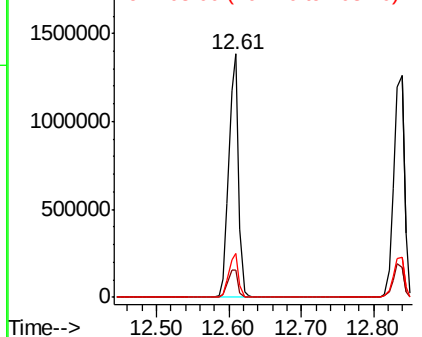
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1291790		
101	11.4	0.0	31.6	
203	18.1	0.0	38.0	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

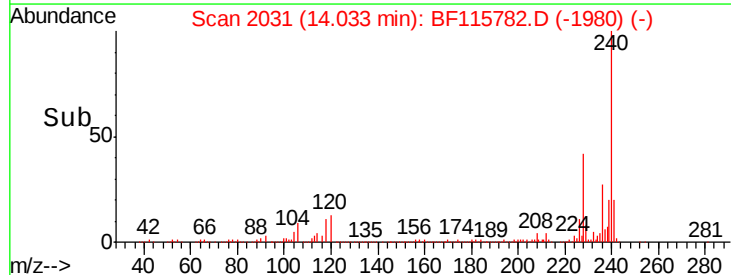
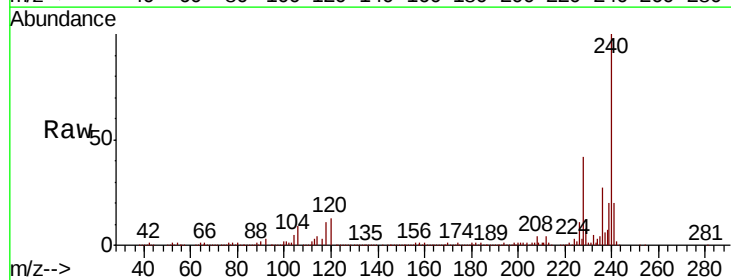
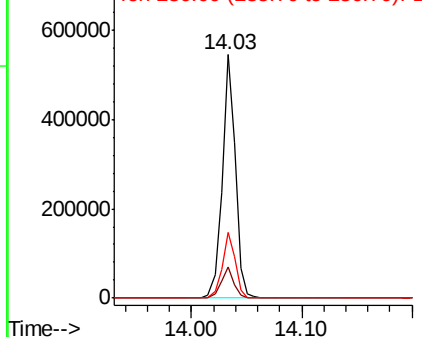
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	450113		
120	12.7	10.0	15.0	
236	27.2	21.8	32.6	

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.297 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

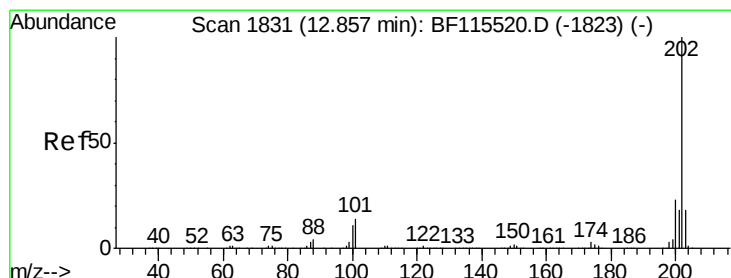
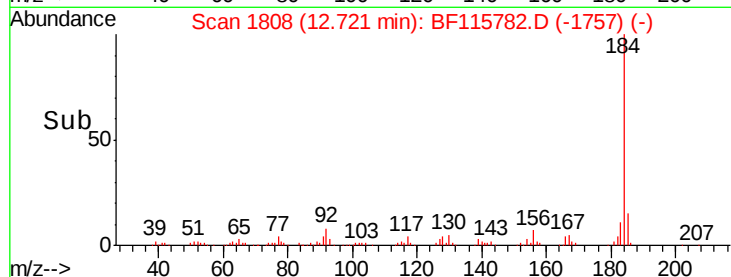
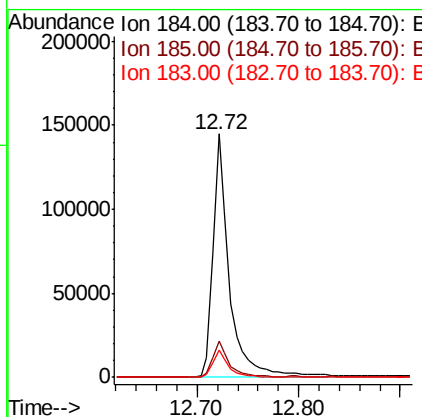
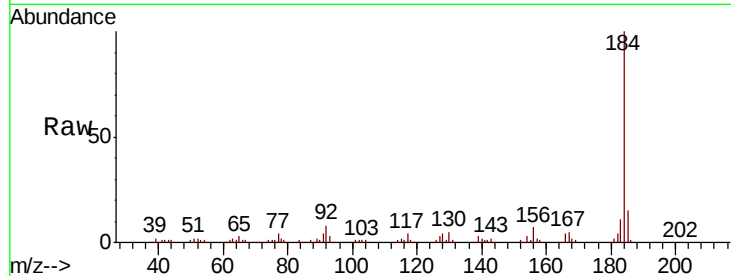
ClientSampleId :

PB121703BS

Tot Ion:	184	Resp:	164196
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.5	18.7
183	11.2	9.2	13.8

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#78

Pyrene

Concen: 34.123 ng

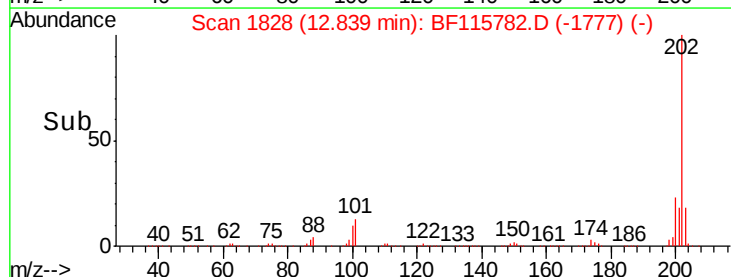
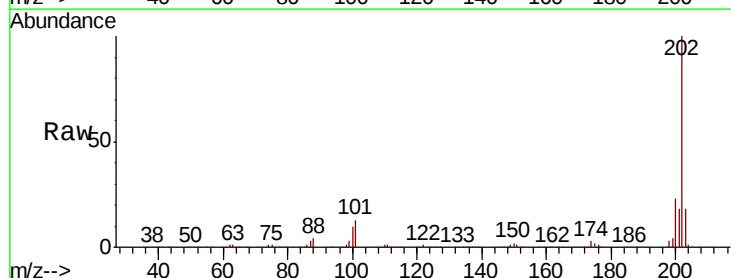
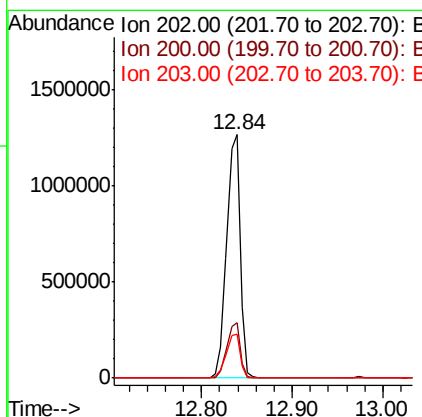
RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	202	Resp:	1301271
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.2	27.4
203	17.8	14.6	21.8





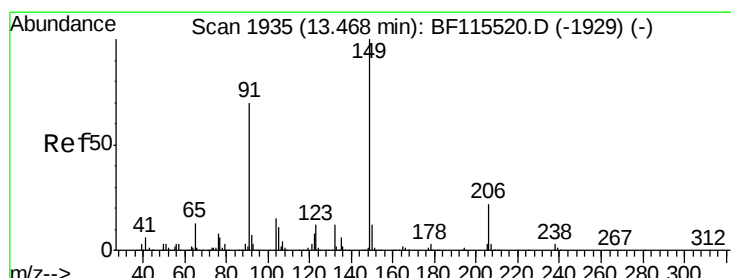
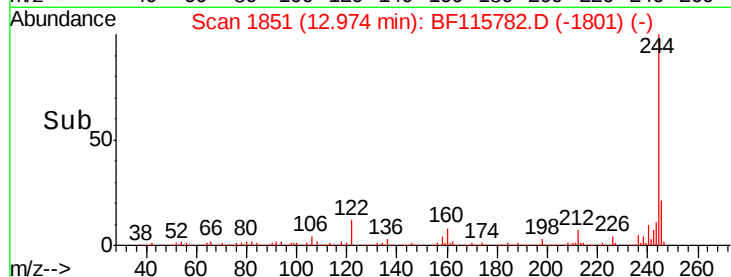
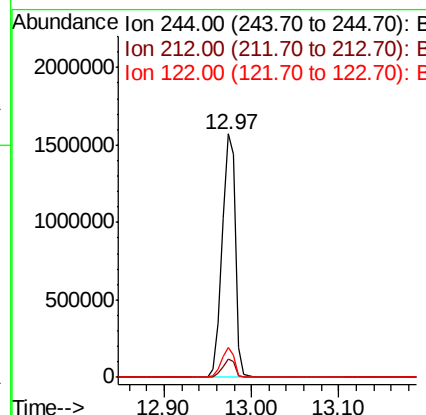
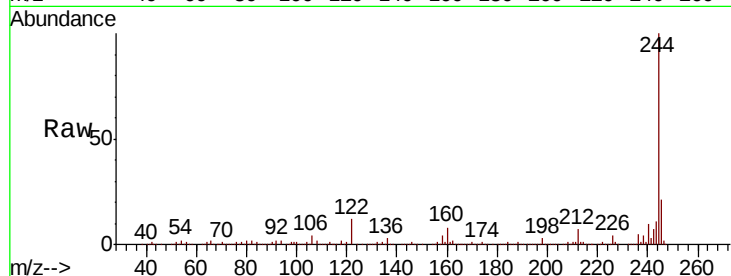
#79
 Terphenyl-d14
 Concen: 67.801 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	12.3	8.2	12.4

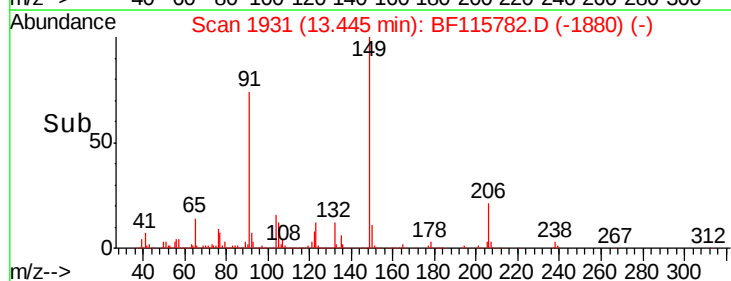
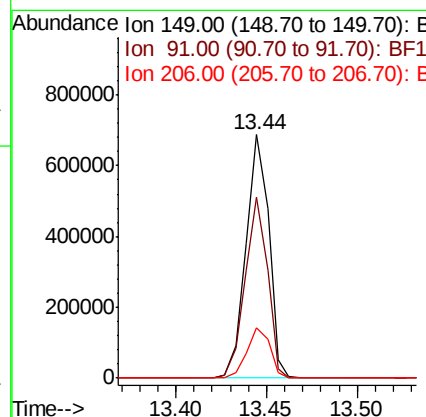
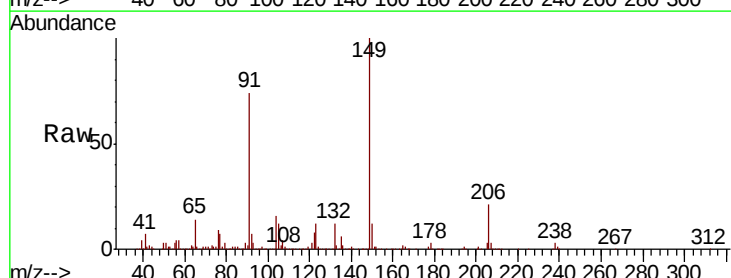
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#80
 Butylbenzylphthalate
 Concen: 37.117 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.3	59.8	89.8
206	20.5	16.2	24.4





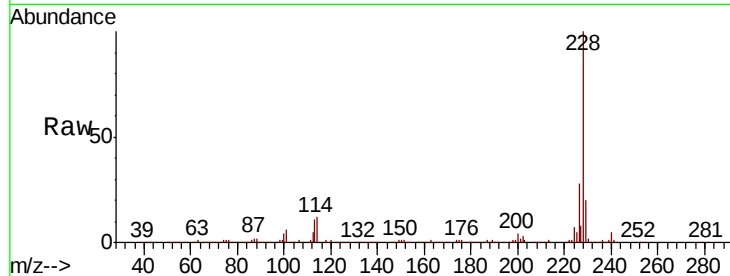
#81
Benzo(a)anthracene
Concen: 35.827 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.3	16.1	24.1

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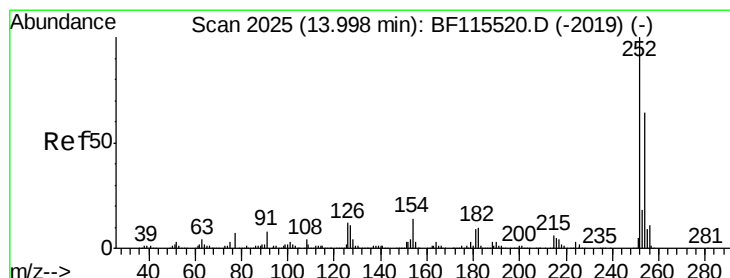
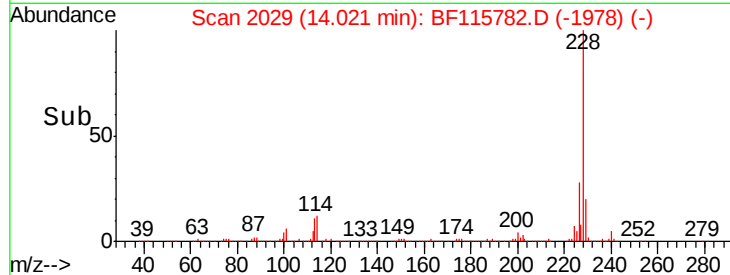
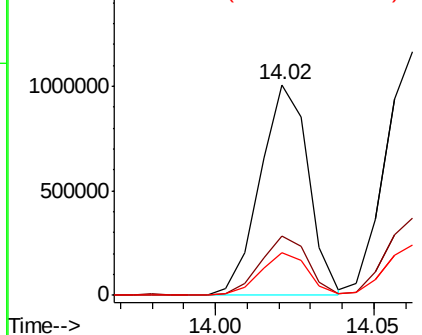


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.793 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

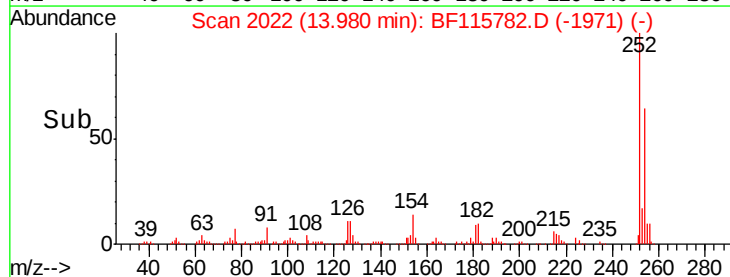
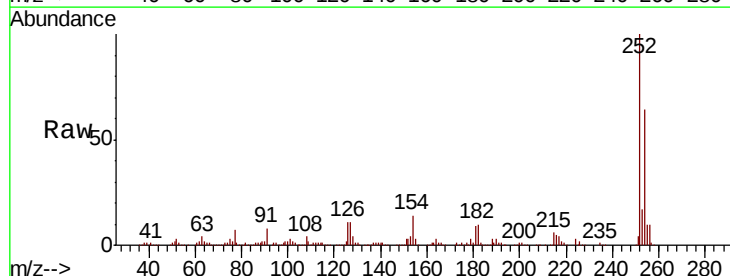
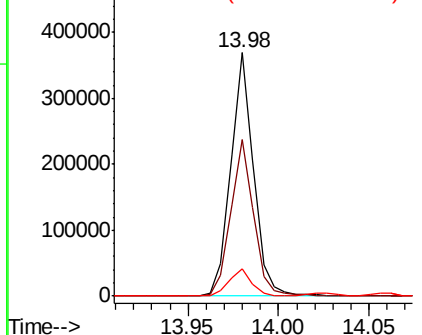
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.6	77.4
126	11.3	9.9	14.9

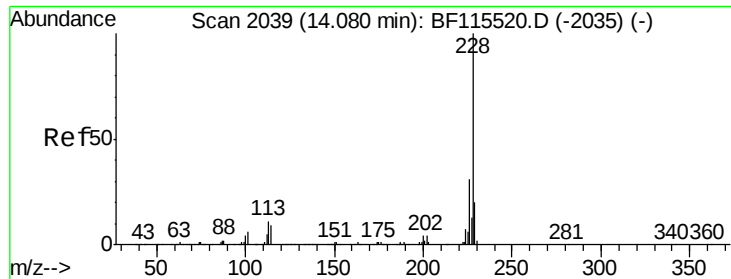
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





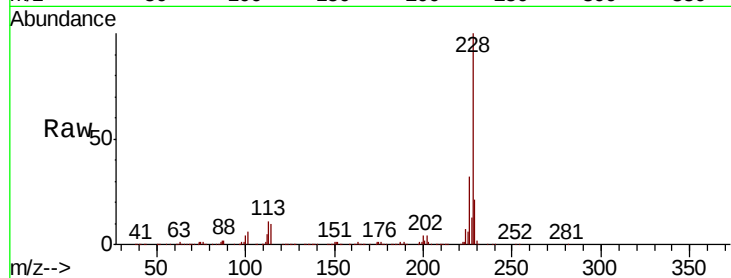
#83
Chrysene
Concen: 35.011 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	20.7	16.2	24.2

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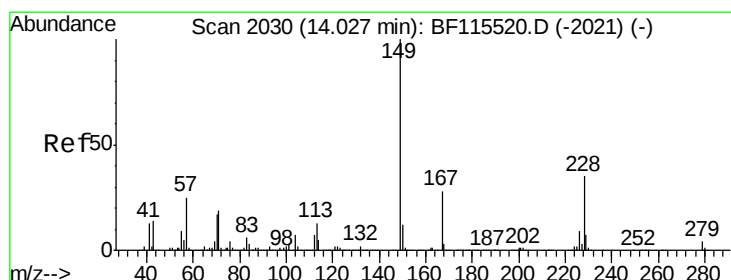
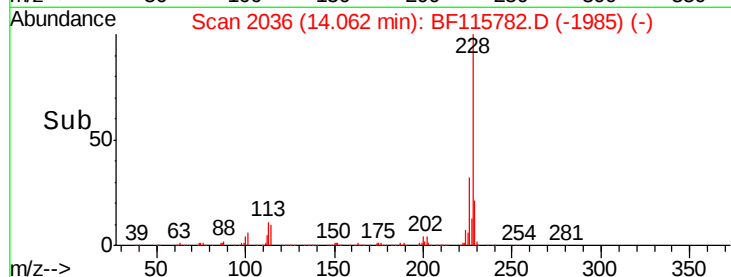
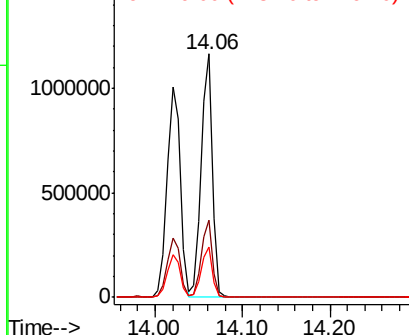


Abundance

Ion 228.00 (227.70 to 228.70): E

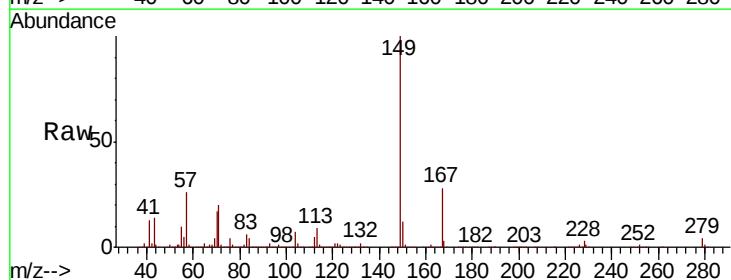
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.112 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	3.8	3.1	4.7

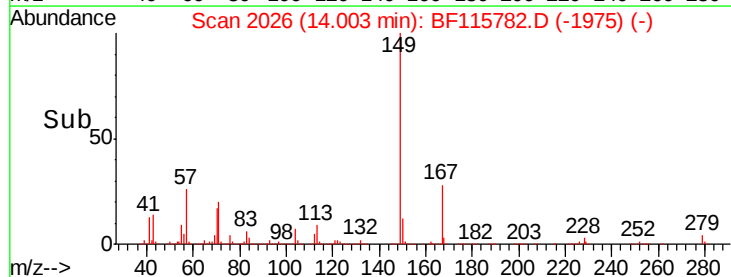
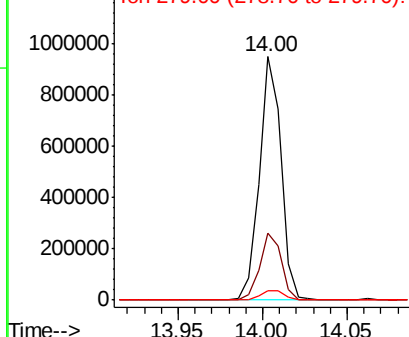


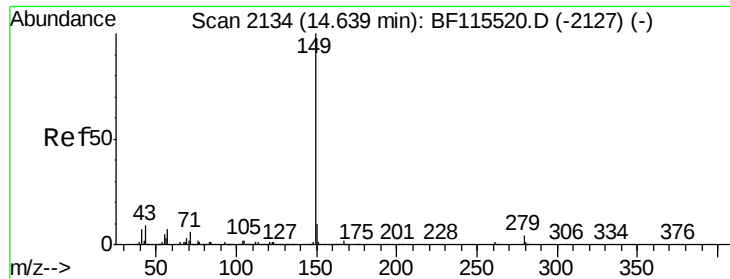
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.889 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

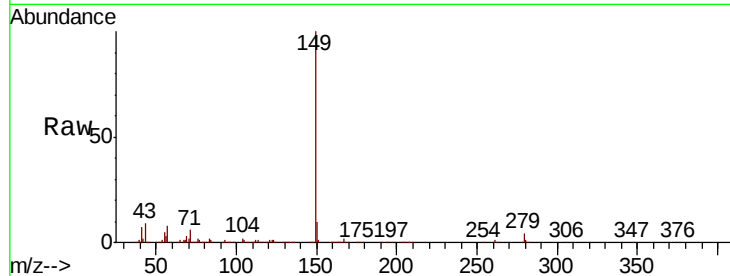
ClientSampleId :

PB121703BS

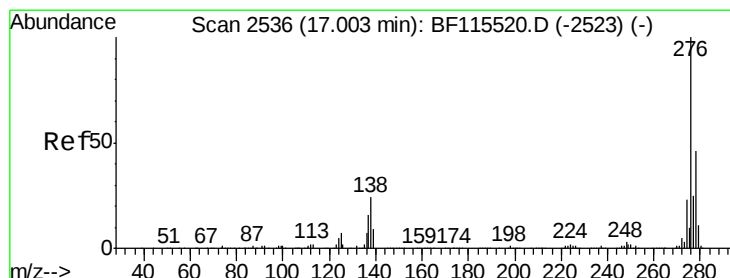
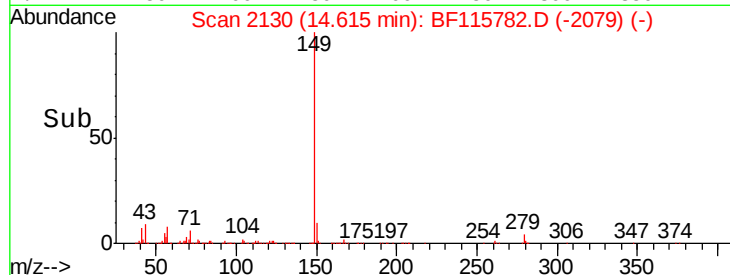
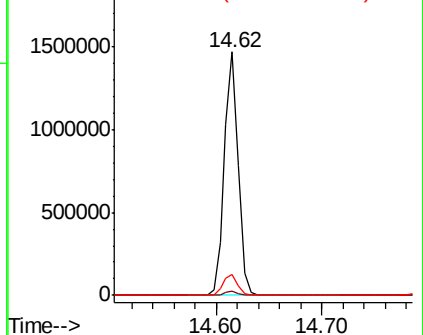
Tot Ion:	149	Resp:	1342123
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
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: 34.926 ng

RT: 16.98 min Scan# 2532

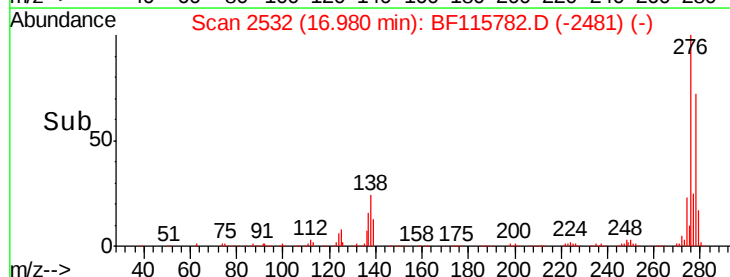
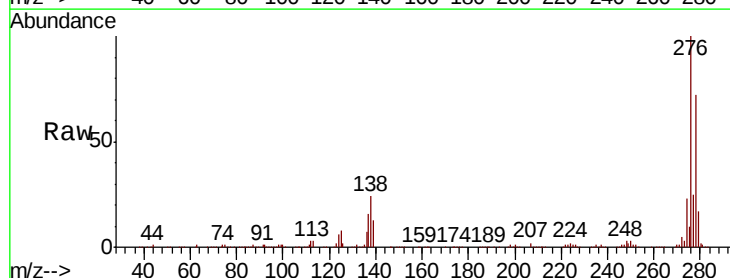
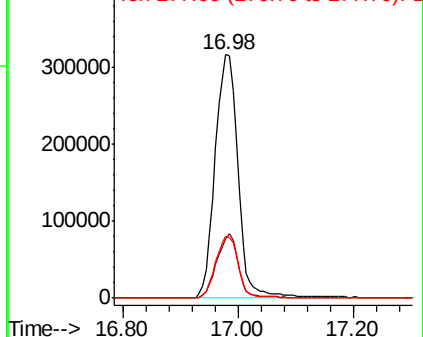
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:	276	Resp:	883285
Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.1	30.1
277	25.4	19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
400000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

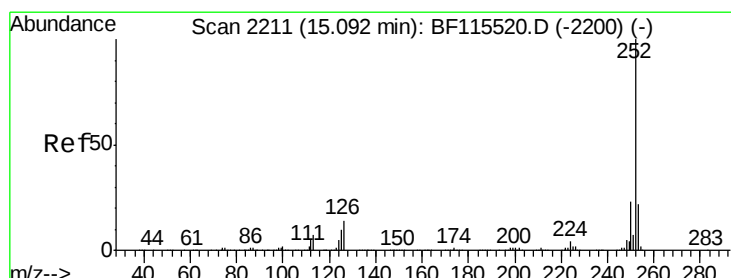
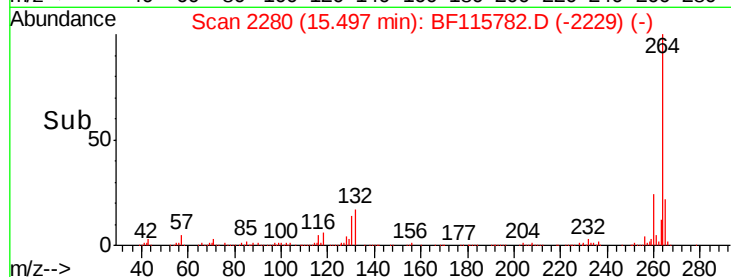
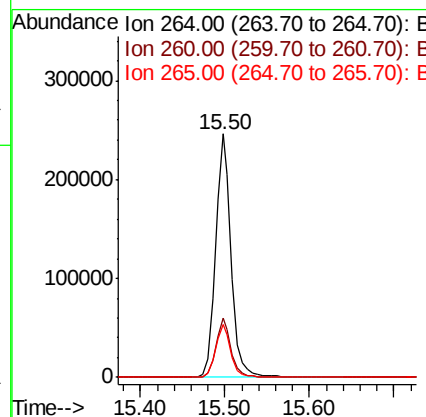
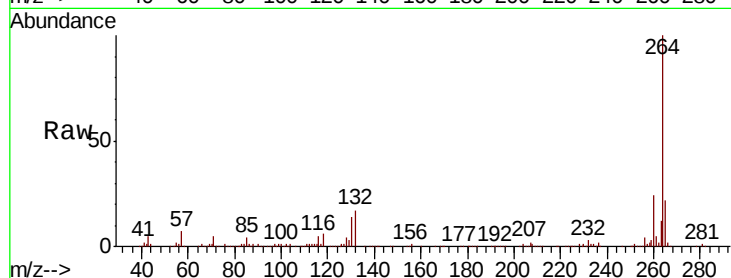
ClientSampleId :

PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.2	19.8	29.6		
265	21.8	17.5	26.3		

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#88

Benzo(b)fluoranthene

Concen: 46.200 ng

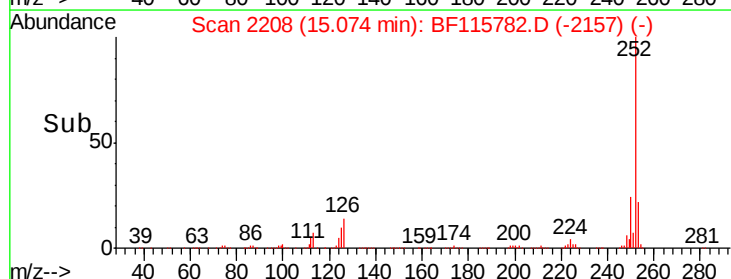
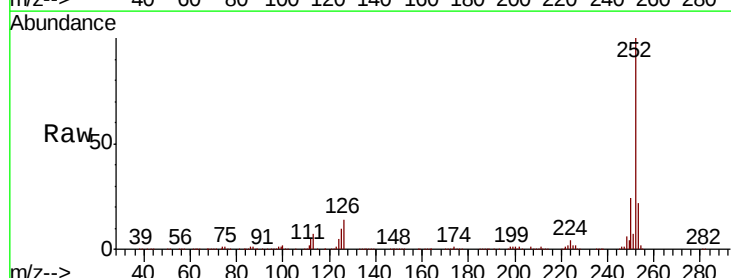
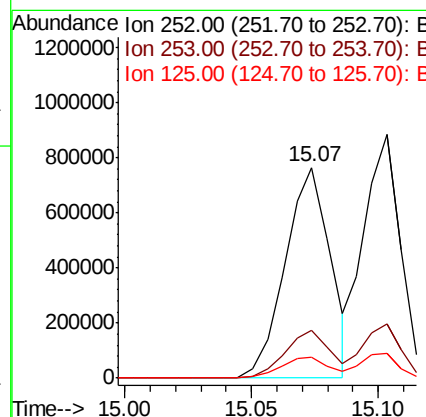
RT: 15.07 min Scan# 2208

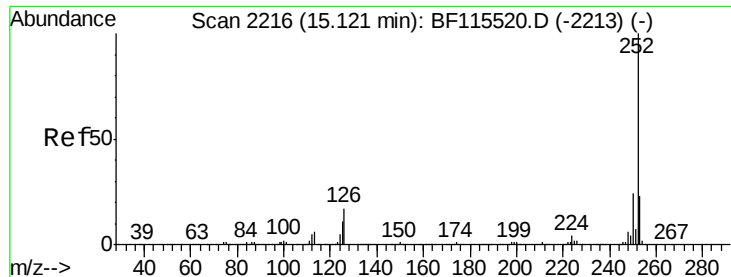
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.4	17.8	26.8		
125	10.2	8.4	12.6		





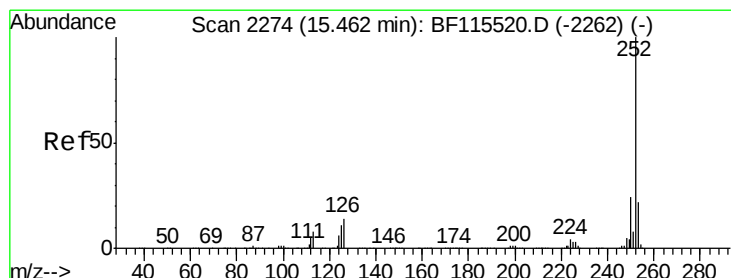
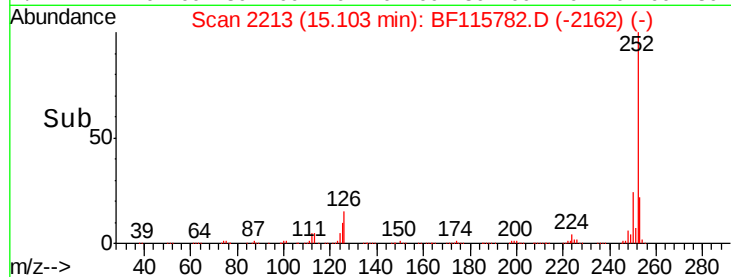
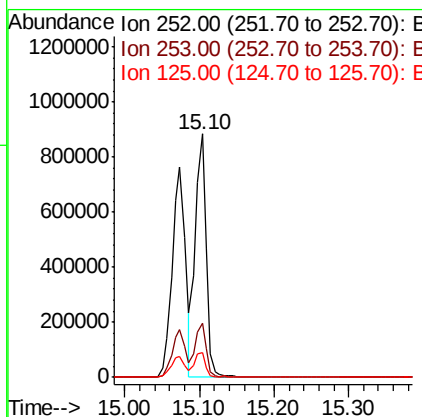
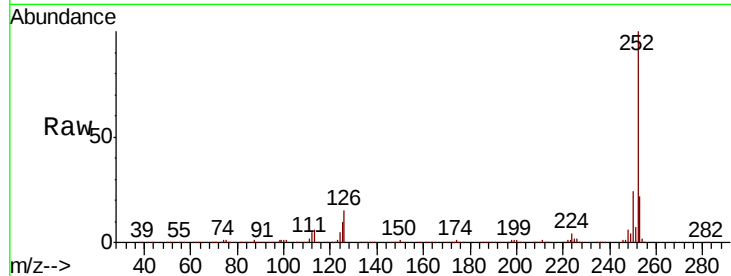
#89
Benzo(k)fluoranthene
Concen: 49.633 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.2	8.6	13.0

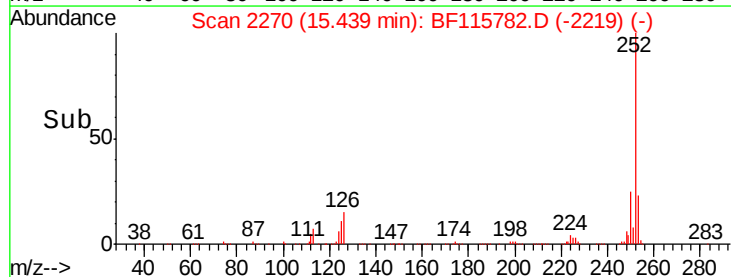
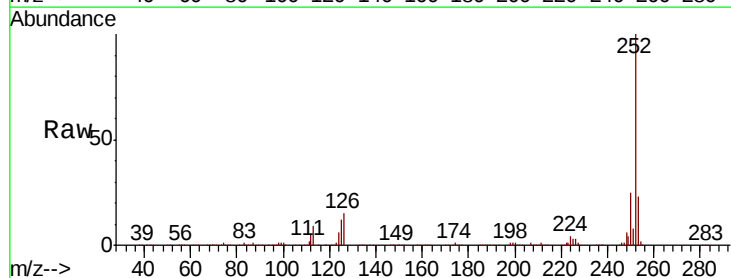
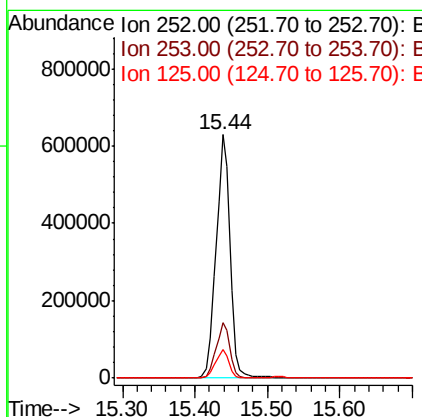
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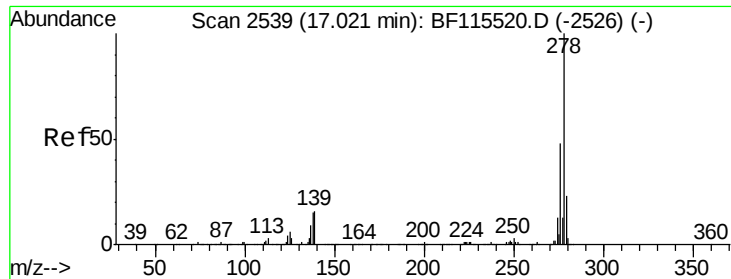
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#90
Benzo(a)pyrene
Concen: 47.645 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.7	9.4	14.2





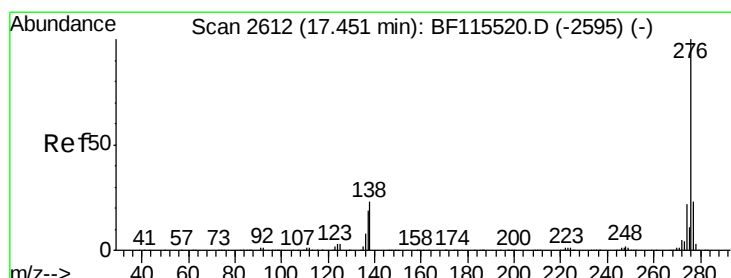
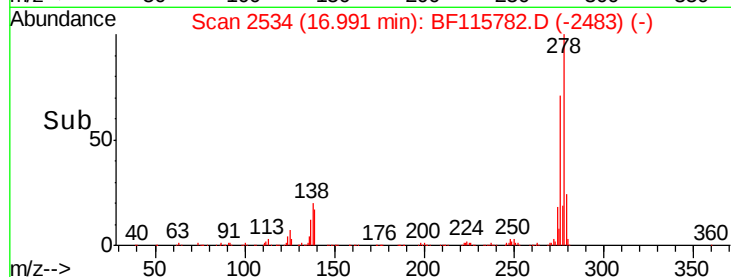
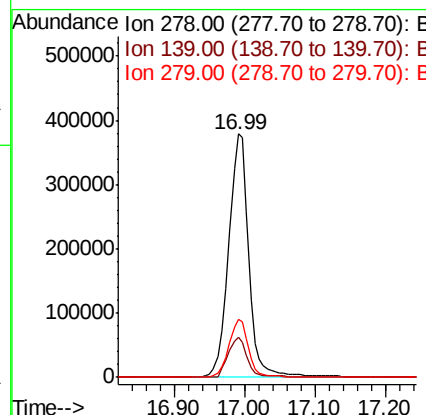
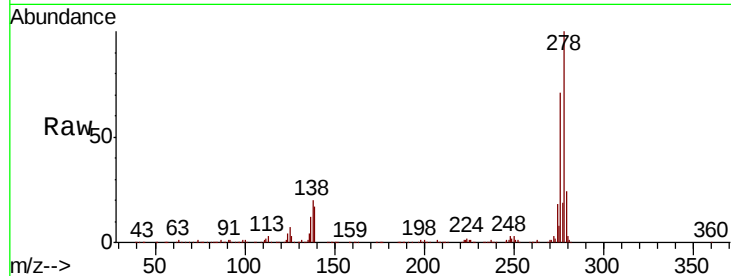
#91
Dibenzo(a,h)anthracene
Concen: 48.594 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.6	20.4
279	23.8	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/29/2019 5:28:44 PM



#92
Benzo(g,h,i)perylene
Concen: 46.146 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.1	27.1
138	21.1	16.6	24.8

