

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115786.D
 Acq On : 26 Jul 2019 14:10
 Operator : HP/JU
 Sample : PB121741BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BS

Manual Integrations
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 7/29/2019 5:28:51 PM

Quant Time: Jul 26 18:19:47 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	159226	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	645361	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	331087	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	623603	20.00	ng	0.00
76) Chrysene-d12	14.03	240	408466	20.00	ng	0.00
87) Perylene-d12	15.50	264	303659	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	779607	80.09	ng	0.01
7) Phenol-d6	6.50	99	1002313	81.15	ng	0.00
23) Nitrobenzene-d5	7.43	82	945092	85.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	303245	78.47	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1762792	93.19	ng	0.00
79) Terphenyl-d14	12.97	244	1803709	81.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	175790	36.203	ng	100
3) Pyridine	3.50	79	432125	32.801	ng	99
4) n-Nitrosodimethylamine	3.45	42	198270	41.486	ng	99
6) Aniline	6.53	93	427821	24.889	ng	99
8) 2-Chlorophenol	6.66	128	454549	40.614	ng	99
9) Benzaldehyde	6.42	77	144890	18.771	ng	99
10) Phenol	6.52	94	574549	40.070	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	432419	39.610	ng	98
12) 1,3-Dichlorobenzene	6.81	146	470867	37.420	ng	97
13) 1,4-Dichlorobenzene	6.89	146	478925	38.147	ng	99
14) 1,2-Dichlorobenzene	7.05	146	444760	38.753	ng	98
15) Benzyl Alcohol	7.02	79	371718	37.936	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	583652	40.609	ng	99
17) 2-Methylphenol	7.13	107	398809	41.349	ng	98
18) Hexachloroethane	7.39	117	177498	38.090	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	315985	39.225	ng	99
20) 3+4-Methylphenols	7.27	107	466918	40.756	ng	97
22) Acetophenone	7.28	105	618886	42.449	ng	# 98
24) Nitrobenzene	7.45	77	501535	41.896	ng	96
25) Isophorone	7.69	82	929913	41.871	ng	100
26) 2-Nitrophenol	7.77	139	254388	41.285	ng	98
27) 2,4-Dimethylphenol	7.80	122	435001	47.183	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	575188	42.216	ng	100
29) 2,4-Dichlorophenol	8.01	162	407772	42.529	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	430346	39.706	ng	100
31) Naphthalene	8.17	128	1334889	42.710	ng	100
32) Benzoic acid	7.94	122	283166	37.426	ng	99
33) 4-Chloroaniline	8.22	127	355388	25.670	ng	98
34) Hexachlorobutadiene	8.29	225	245320	39.471	ng	98
35) Caprolactam	8.59	113	120933m	40.816	ng	
36) 4-Chloro-3-methylphenol	8.71	107	429750	43.209	ng	98
37) 2-Methylnaphthalene	8.87	142	920372	44.424	ng	99
38) 1-Methylnaphthalene	8.96	142	858307	43.616	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	411803	41.303	ng	99

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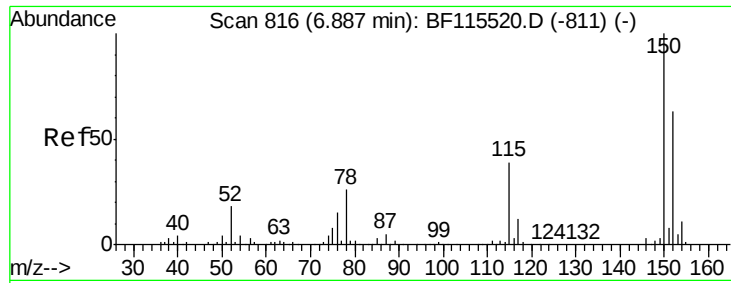
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Quant Time: Jul 26 18:19:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	312967	55.028	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	277391	38.045	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	294771	39.477	nq	98
46) 1,1'-Biphenyl	9.33	154	1115269	43.087	nq	99
47) 2-Chloronaphthalene	9.36	162	872349	40.476	nq	99
48) 2-Nitroaniline	9.45	65	270917	40.613	nq	99
49) Acenaphthylene	9.77	152	1329680	41.637	nq	99
50) Dimethylphthalate	9.63	163	1042710	41.859	nq	99
51) 2,6-Dinitrotoluene	9.69	165	230845	40.778	nq	97
52) Acenaphthene	9.95	154	812227	39.394	nq	97
53) 3-Nitroaniline	9.86	138	173545	26.827	nq	96
54) 2,4-Dinitrophenol	9.97	184	203392	69.980	nq	91
55) Dibenzofuran	10.12	168	1191615	40.697	nq	99
56) 4-Nitrophenol	10.03	139	318182	64.500	nq	99
57) 2,4-Dinitrotoluene	10.10	165	300325	40.949	nq	98
58) Fluorene	10.46	166	901221	43.055	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	252951	40.525	nq	99
60) Diethylphthalate	10.33	149	990663	42.446	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	463323	39.915	nq	99
62) 4-Nitroaniline	10.47	138	231640	37.330	nq	99
63) Azobenzene	10.61	77	999184	44.136	nq	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	146707	38.506	nq	98
66) n-Nitrosodiphenylamine	10.57	169	813208	41.922	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	287000	40.273	nq	99
68) Hexachlorobenzene	11.01	284	319923	39.311	nq	# 90
69) Atrazine	11.09	200	259161	40.725	nq	100
70) Pentachlorophenol	11.20	266	336577	67.619	nq	99
71) Phenanthrene	11.42	178	1298416	40.620	nq	100
72) Anthracene	11.47	178	1350094	40.869	nq	100
73) Carbazole	11.62	167	1188906	41.040	nq	99
74) Di-n-butylphthalate	11.95	149	1504445	42.161	nq	100
75) Fluoranthene	12.61	202	1353449	40.068	nq	100
77) Benzidine	12.72	184	343340	23.728	nq	98
78) Pyrene	12.84	202	1356721	39.204	nq	100
80) Butylbenzylphthalate	13.44	149	624697	42.345	nq	99
81) Benzo(a)anthracene	14.02	228	1099723	40.867	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	315614	32.992	nq	98
83) Chrysene	14.06	228	1068858	39.567	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	859799	47.051	nq	99
85) Di-n-octyl phthalate	14.62	149	1372439	47.203	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	850927	37.077	nq	100
88) Benzo(b)fluoranthene	15.07	252	951171	48.645	nq	99
89) Benzo(k)fluoranthene	15.10	252	934790	53.623	nq	99
90) Benzo(a)pyrene	15.44	252	856887	50.988	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	727064	49.280	nq	98
92) Benzo(g,h,i)perylene	17.43	276	694001	47.165	nq	98

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



#1

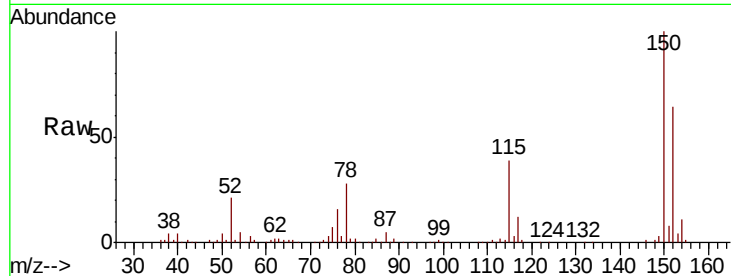
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	60.9	47.8	71.6

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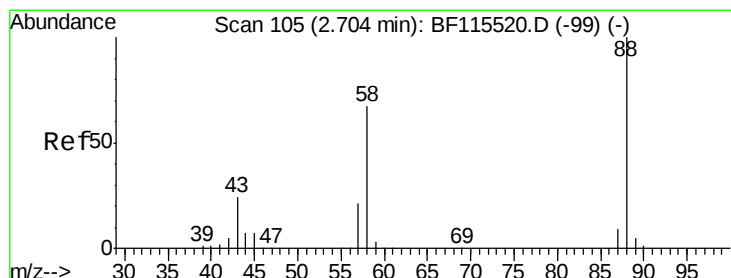
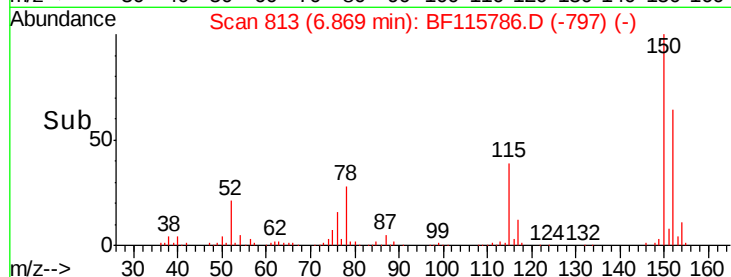
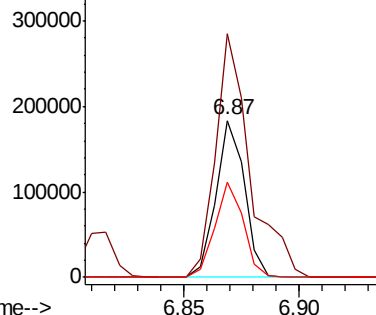


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

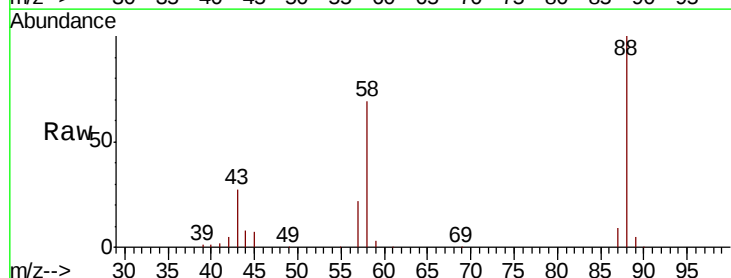
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.203 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.11 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	54.2	81.4
43	26.3	20.8	31.2

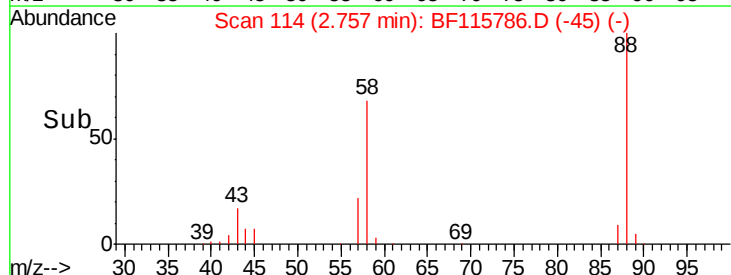
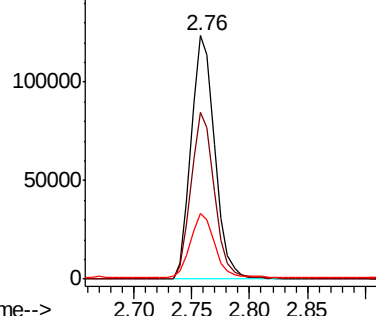


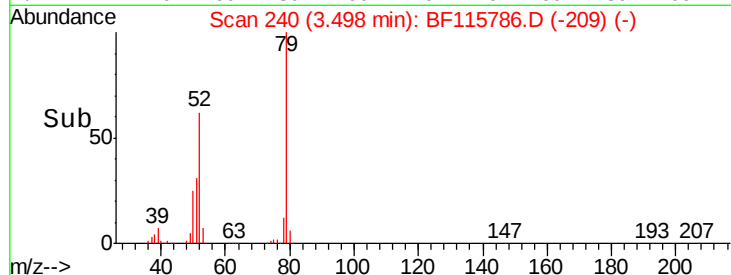
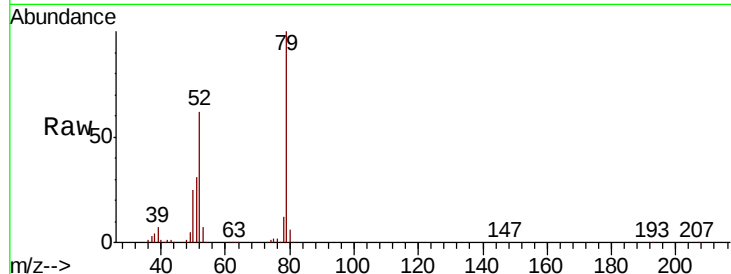
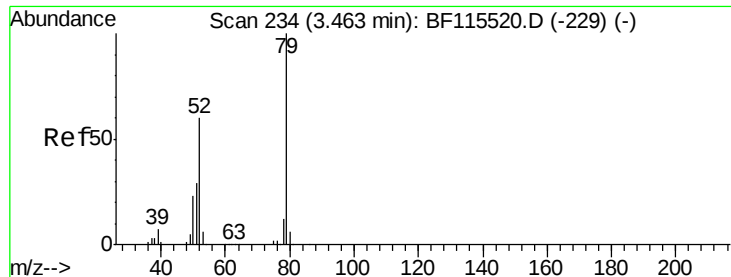
Abundance

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





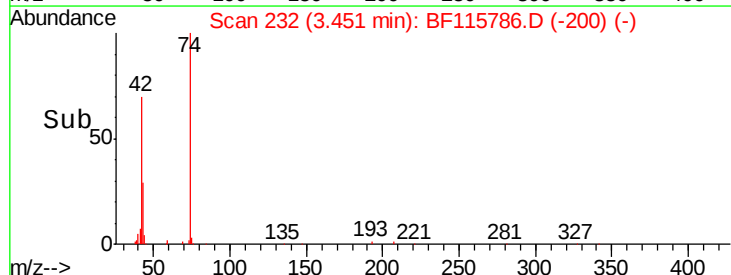
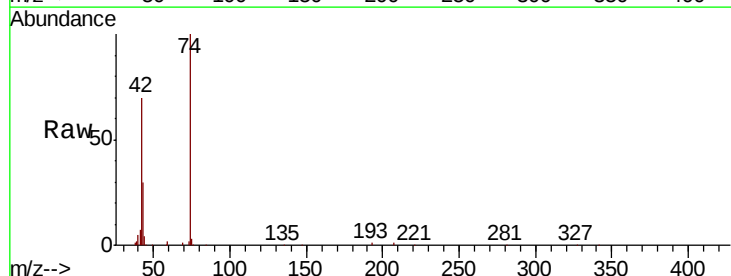
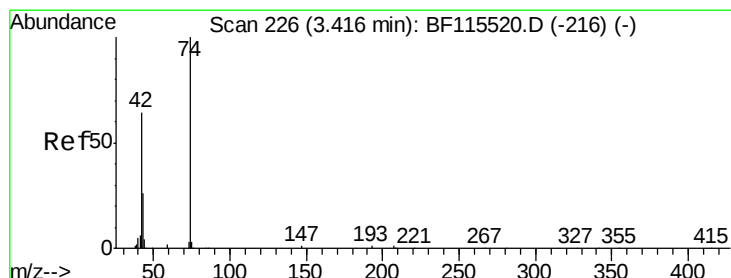
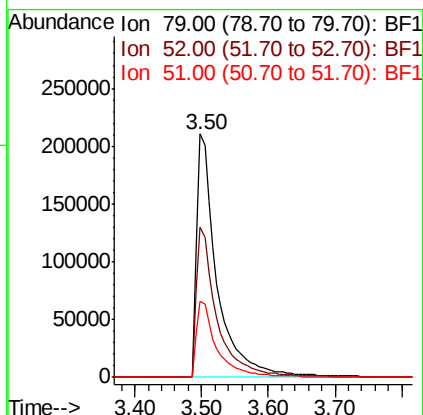
#3
Pvridine
Concen: 32.801 ng
RT: 3.50 min Scan# 240
Delta R.T. 0.08 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.9	48.4	72.6
51	31.1	24.8	37.2

Instrument :
BNA_F
ClientSampled :
PB121741BS

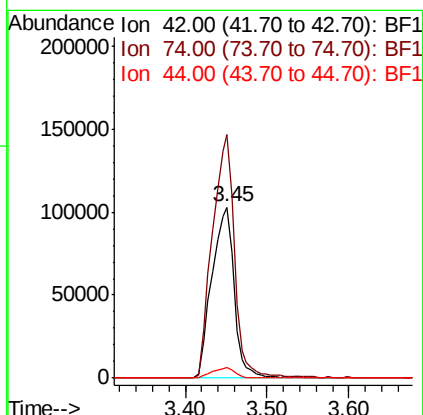
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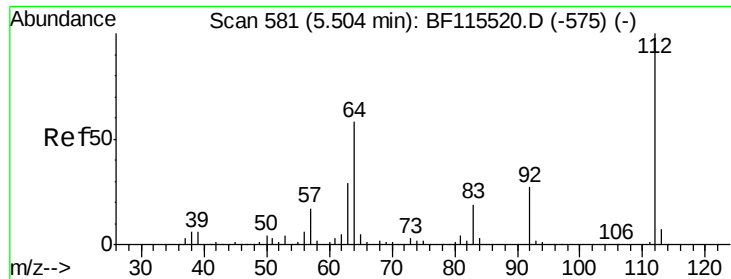
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#4
n-Nitrosodimethylamine
Concen: 41.486 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.09 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.6	113.4	170.0
44	6.1	5.1	7.7





#5

2-Fluorophenol

Concen: 80.088 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

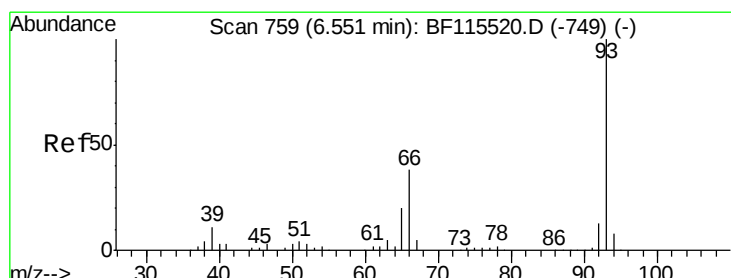
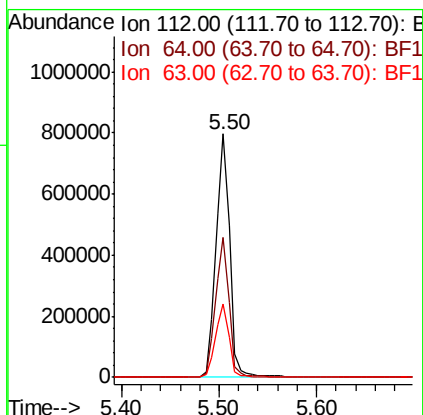
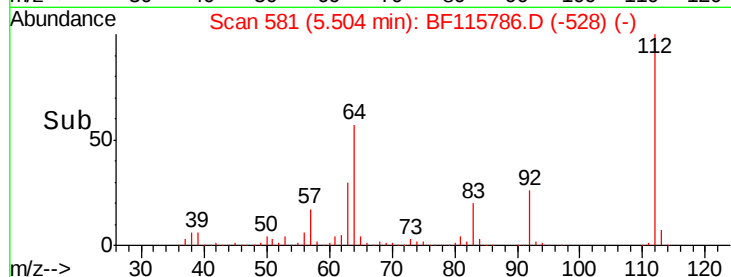
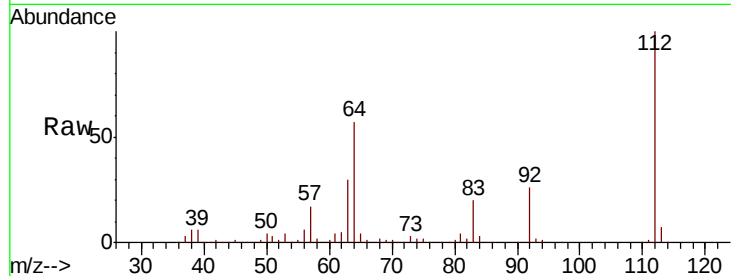
ClientSampleId :

PB121741BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.8	68.8
63	29.9	23.6	35.4

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#6

Aniline

Concen: 24.889 ng

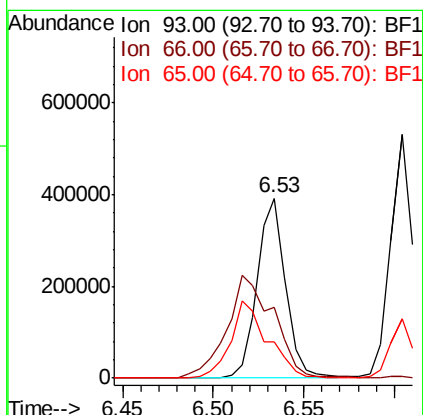
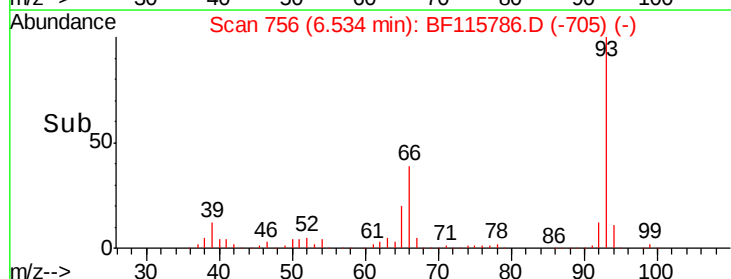
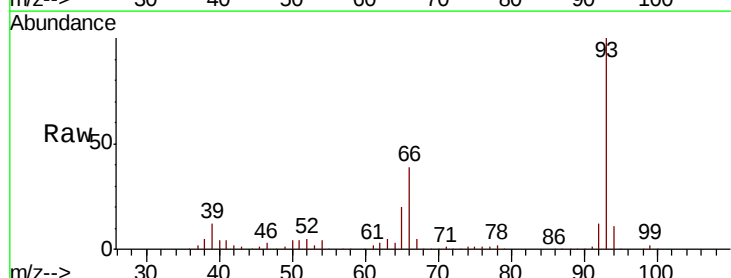
RT: 6.53 min Scan# 756

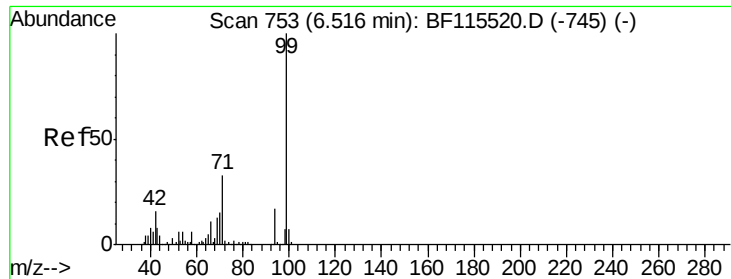
Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.2	48.2
65	20.5	16.5	24.7





#7

Phenol-d6

Concen: 81.147 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampled :

PB121741BS

Tot Ion: 99 Resp: 1002313

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

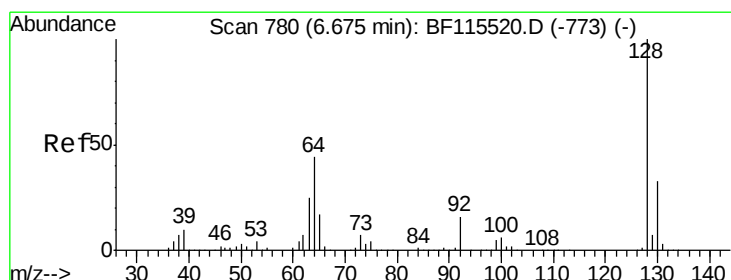
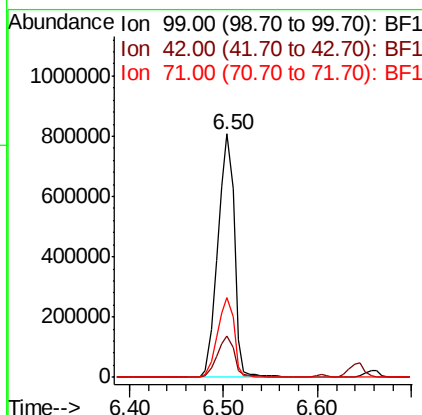
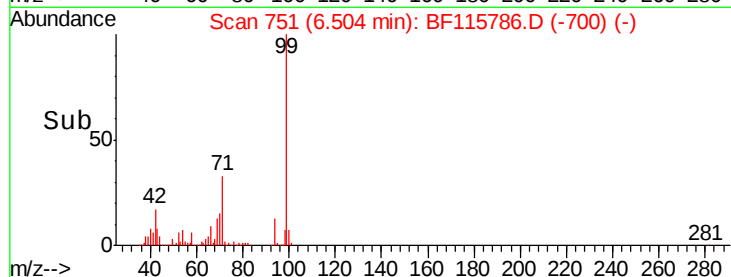
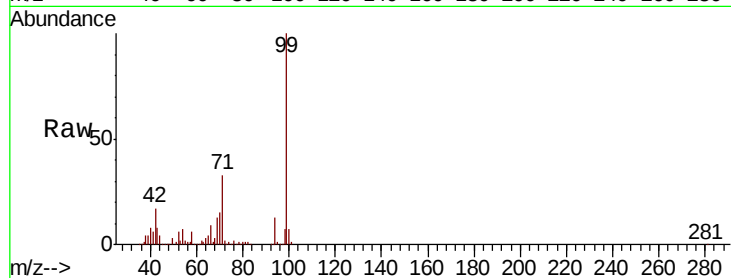
71 32.9 26.7 40.1

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#8

2-Chlorophenol

Concen: 40.614 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

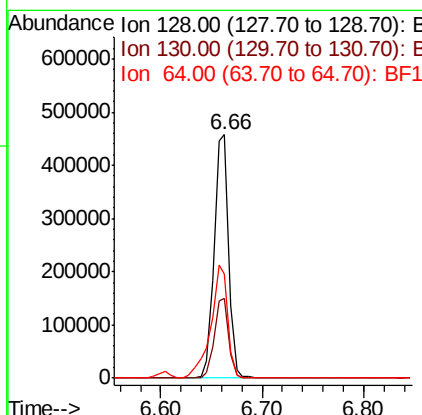
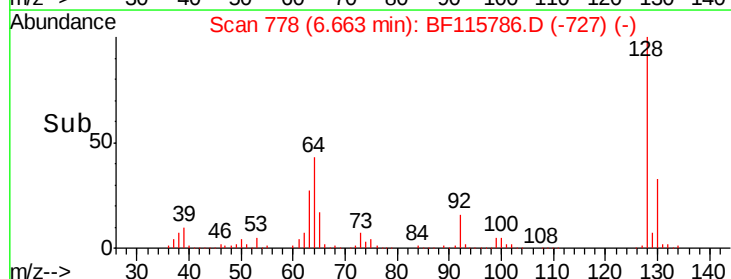
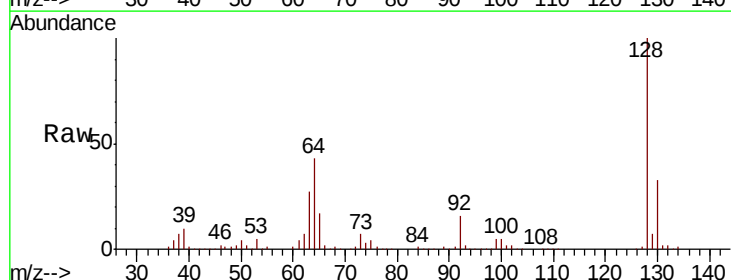
Tgt Ion: 128 Resp: 454549

Ion Ratio Lower Upper

128 100

130 32.6 13.8 53.8

64 42.9 22.4 62.4





#9

Benzaldehyde

Concen: 18.771 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

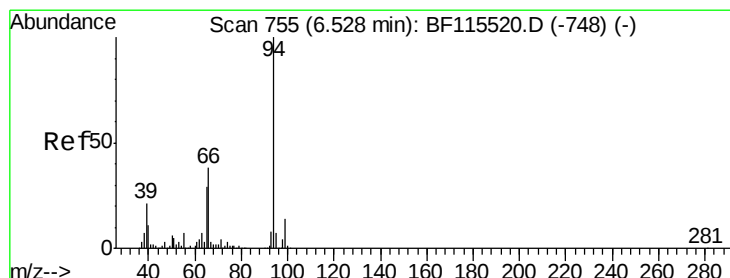
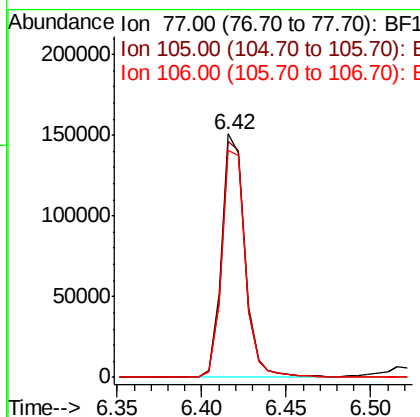
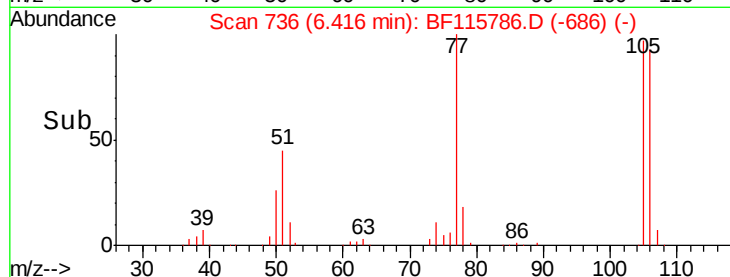
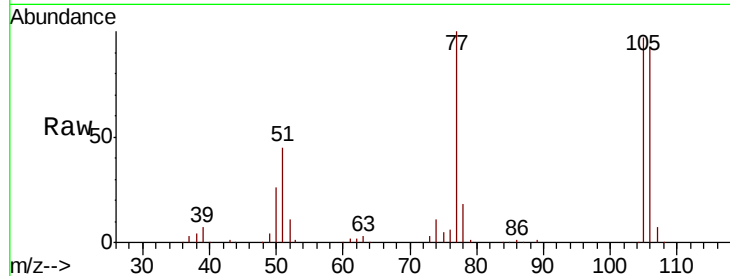
ClientSampleId :

PB121741BS

Tot Ion:	77	Resp:	144890
Ion	Ratio	Lower	Upper
77	100		
105	96.6	77.5	117.5
106	93.3	74.7	114.7

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#10

Phenol

Concen: 40.070 ng

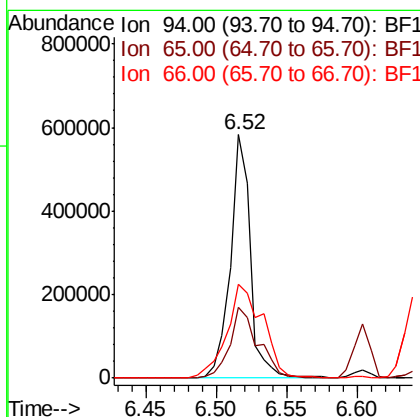
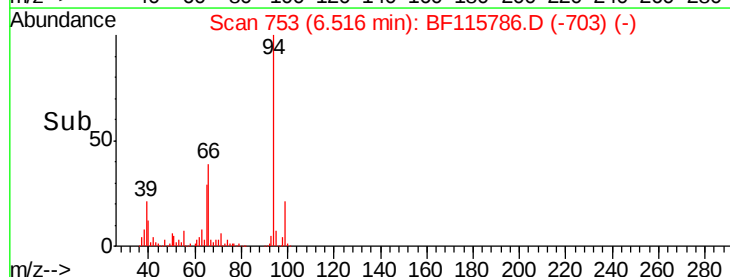
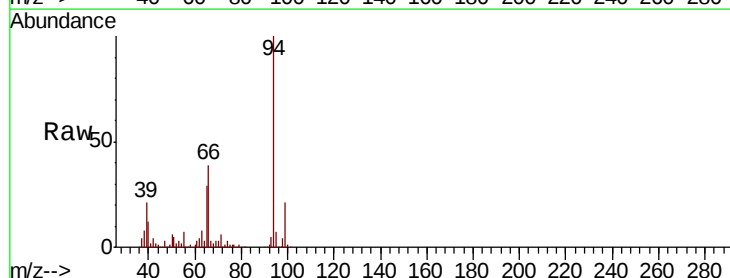
RT: 6.52 min Scan# 753

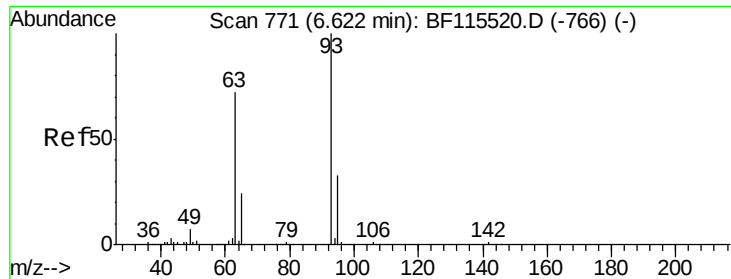
Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	94	Resp:	574549
Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.2	51.2
66	38.5	24.4	64.4





#11

bis(2-Chloroethyl)ether

Concen: 39.610 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

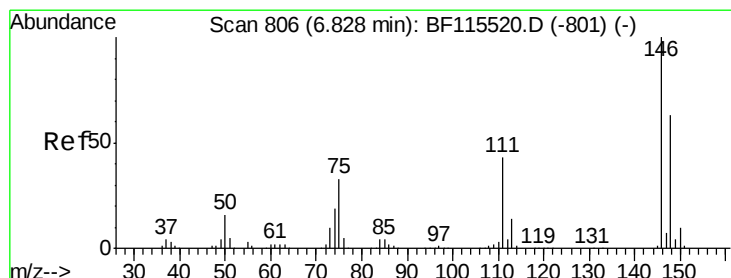
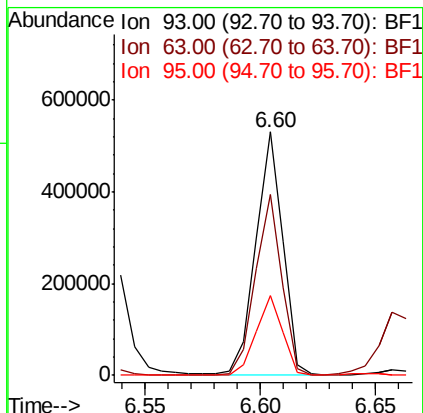
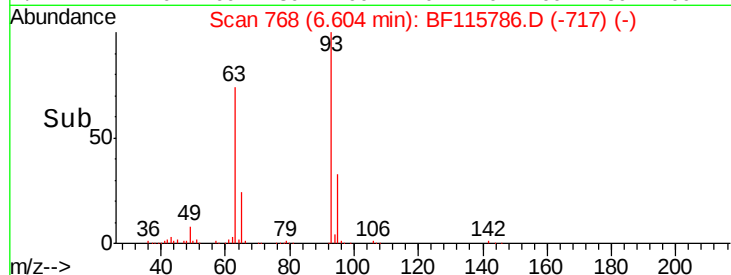
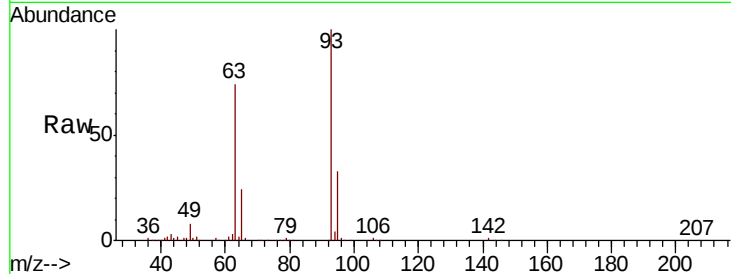
ClientSampleId :

PB121741BS

Tot Ion:	93	Resp:	432419
Ion Ratio	Lower	Upper	
93	100		
63	74.2	56.2	96.2
95	32.8	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 37.420 ng

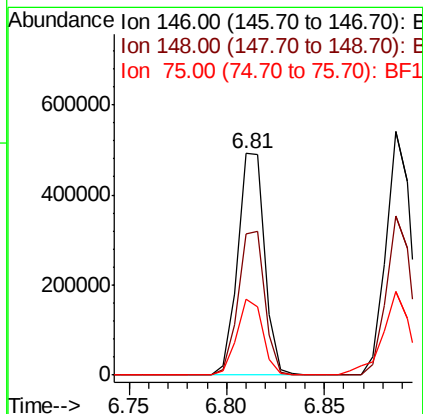
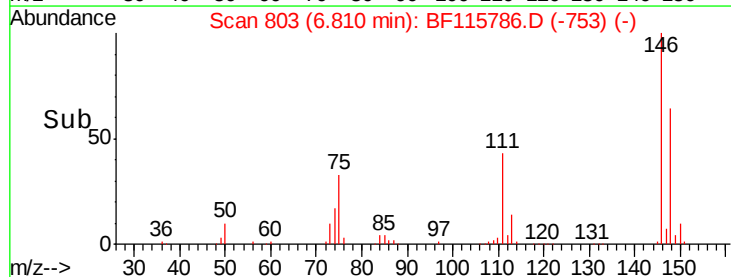
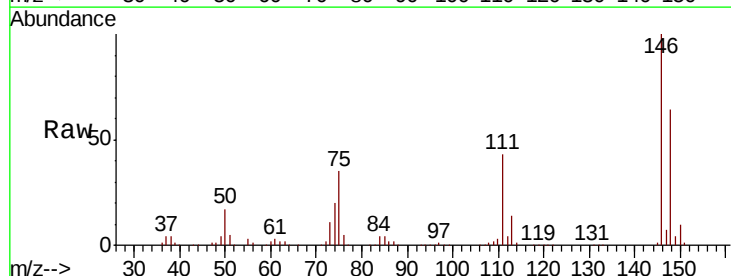
RT: 6.81 min Scan# 803

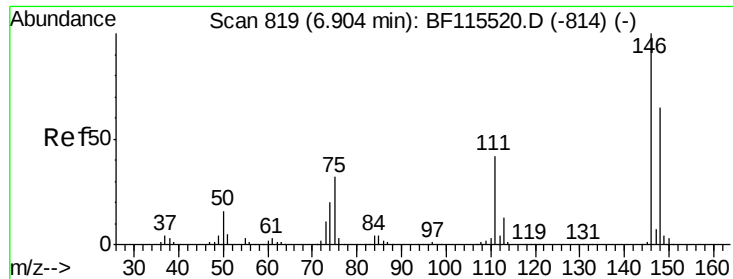
Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	146	Resp:	470867
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
75	34.5	25.3	37.9





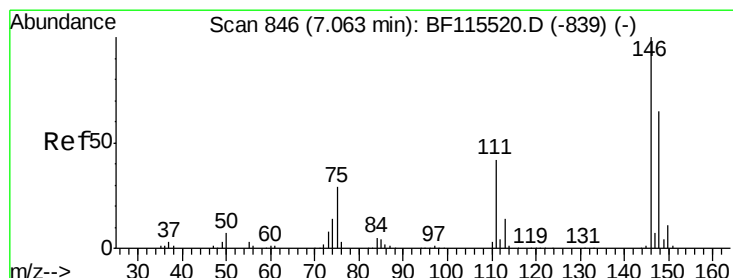
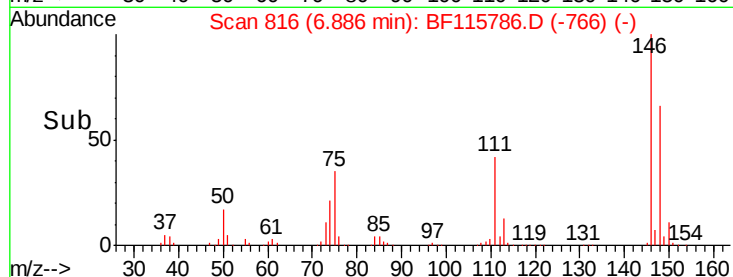
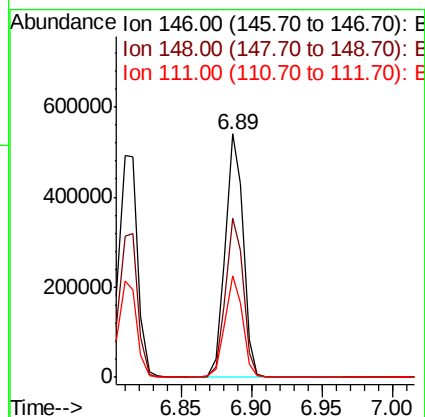
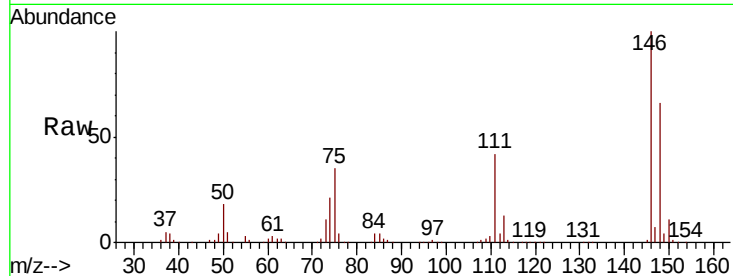
#13
 1,4-Dichlorobenzene
 Concen: 38.147 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
111	41.7	32.2	48.4

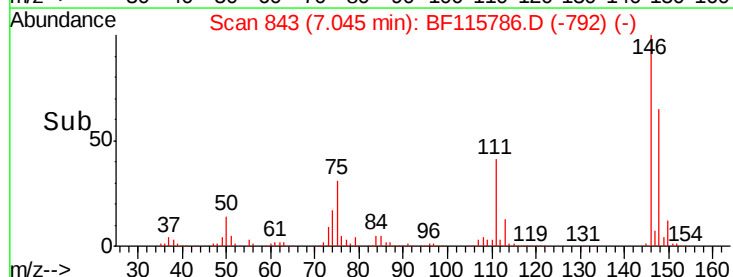
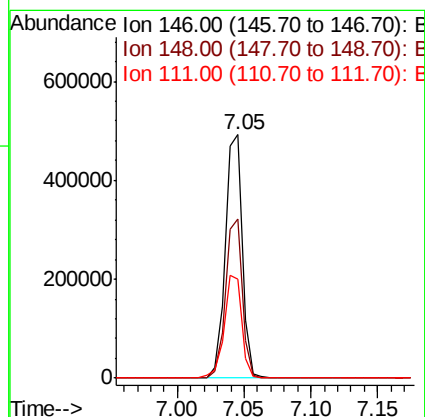
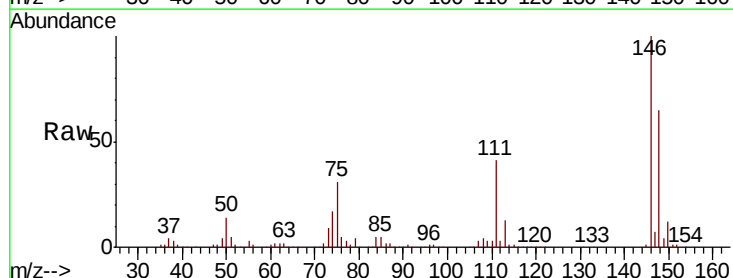
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#14
 1,2-Dichlorobenzene
 Concen: 38.753 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.8
111	40.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.936 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

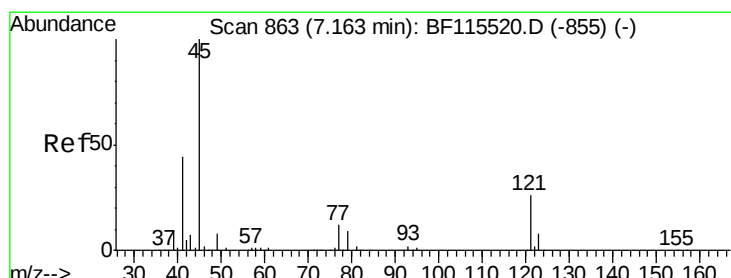
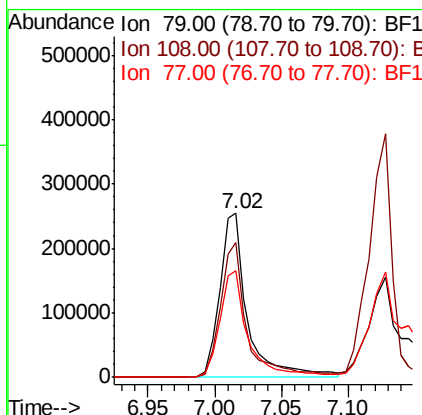
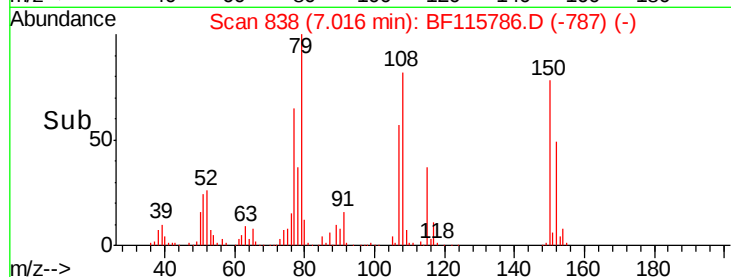
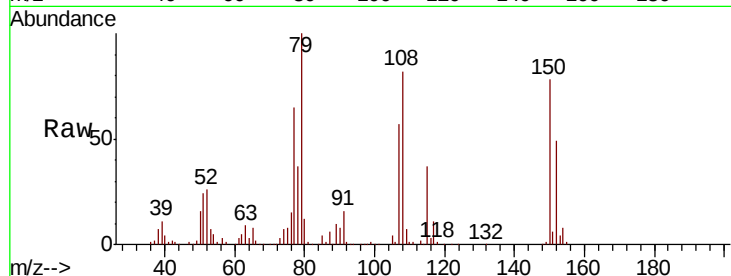
ClientSampleId :

PB121741BS

Tot Ion:	79	Resp:	371718
Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.4	98.2
77	65.3	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.609 ng

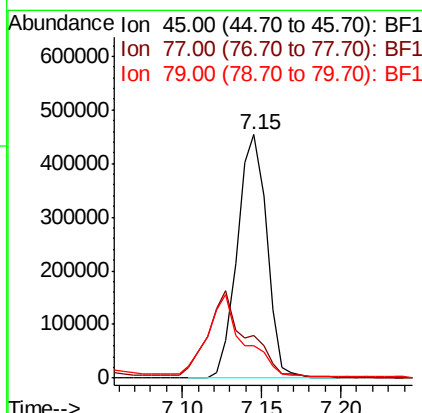
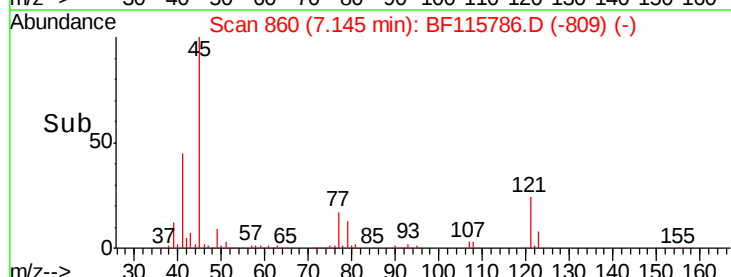
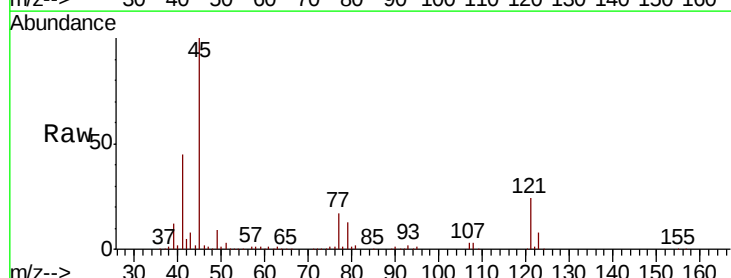
RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	45	Resp:	583652
Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	36.8
79	13.3	0.0	33.1





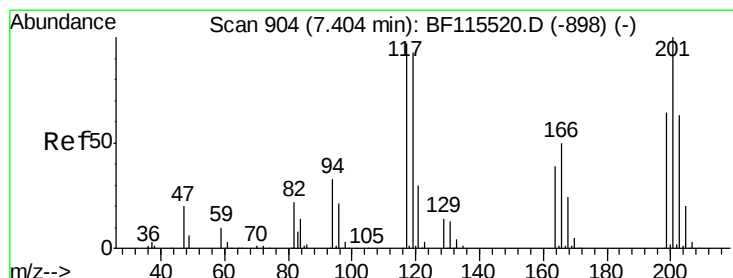
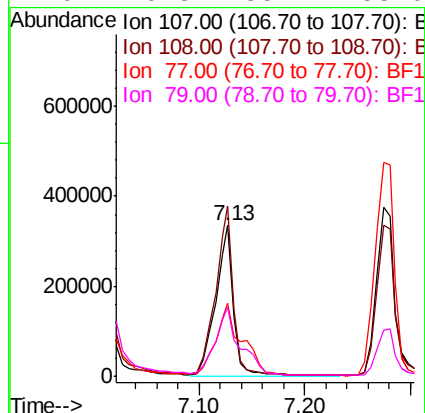
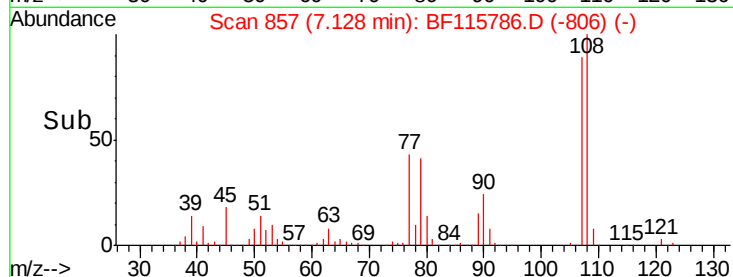
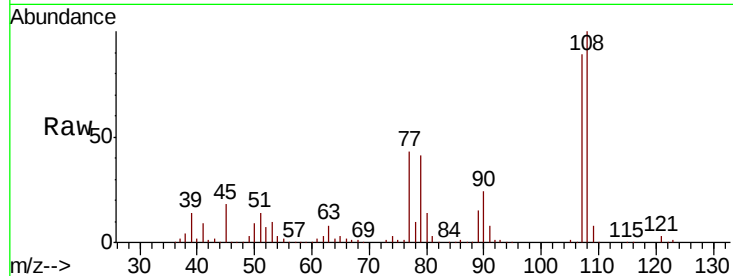
#17
2-Methylphenol
Concen: 41.349 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.3	136.9	
77	48.6	36.9	55.3	
79	46.3	35.4	53.0	

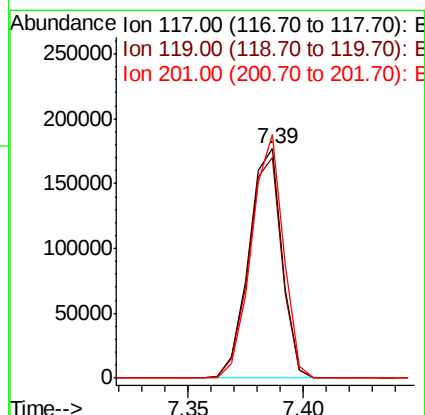
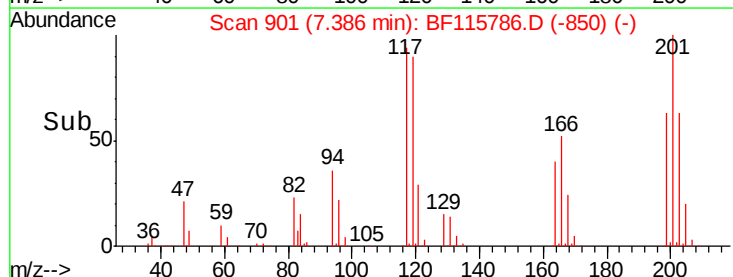
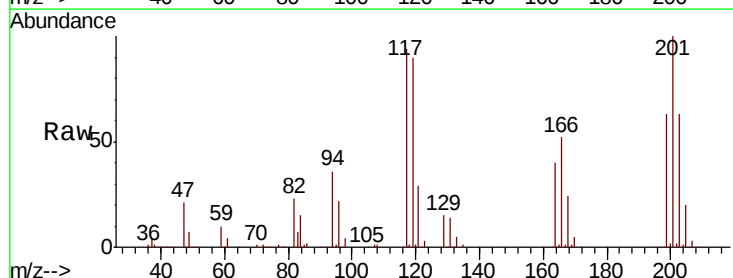
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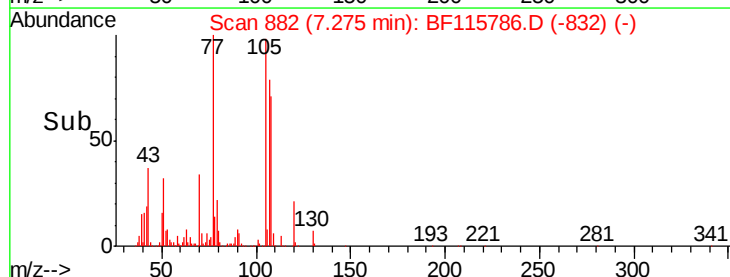
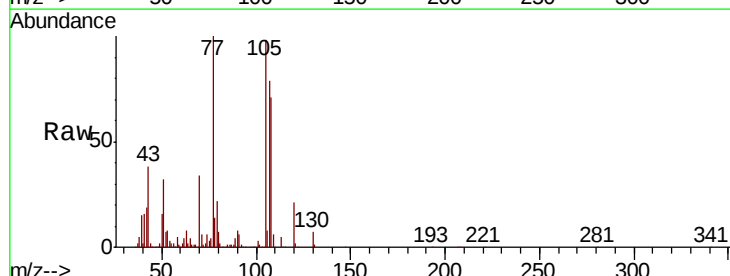
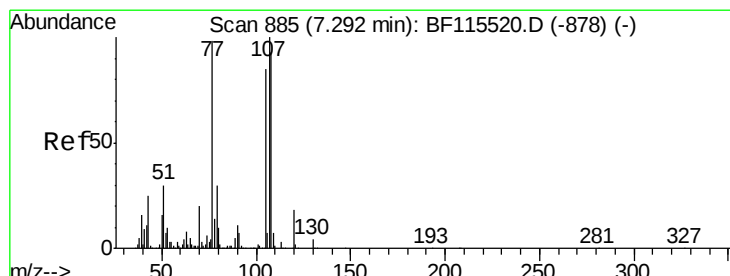
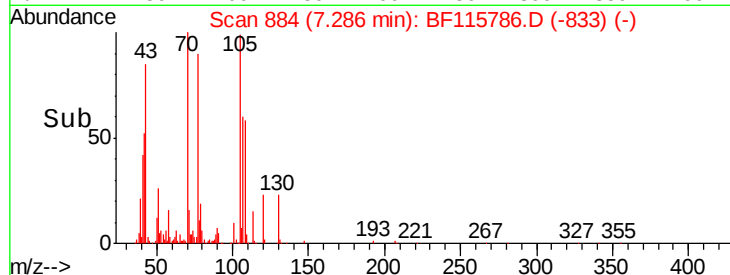
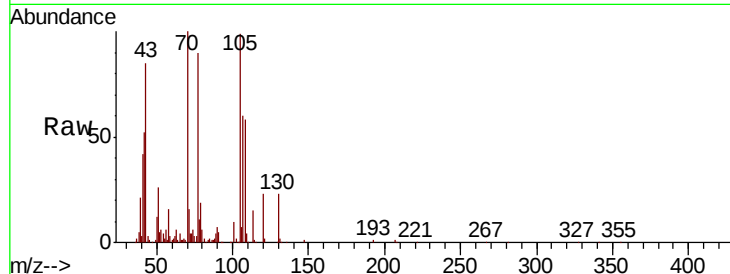
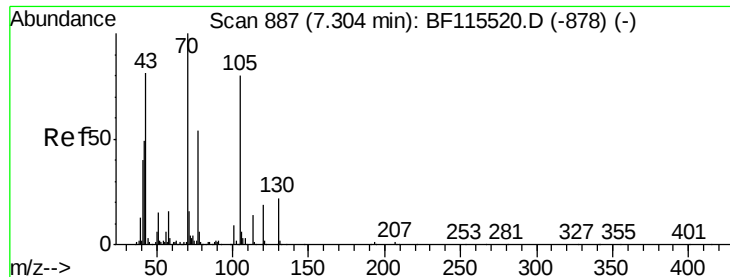
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#18
Hexachloroethane
Concen: 38.090 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	74.8	112.2	
201	106.2	77.6	116.4	





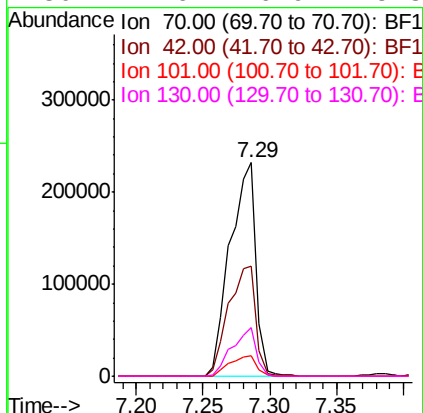
#19
n-Nitroso-di-n-propylamine
Concen: 39.225 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.7	41.8	62.8		
101	9.8	7.6	11.4		
130	22.6	16.9	25.3		

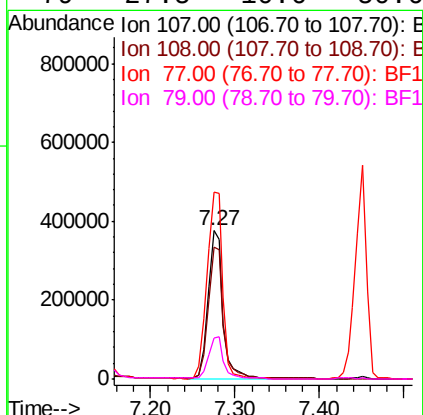
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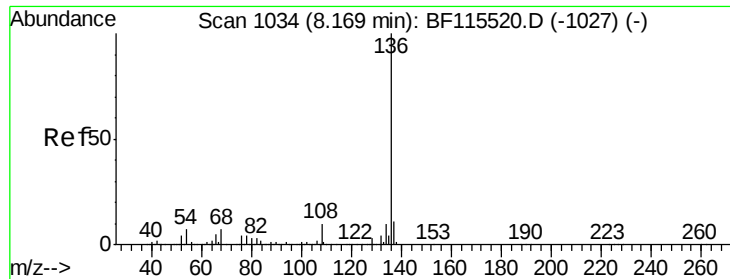
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#20
3+4-Methylphenols
Concen: 40.756 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	73.0	113.0		
77	126.3	107.5	147.5		
79	27.5	10.6	50.6		





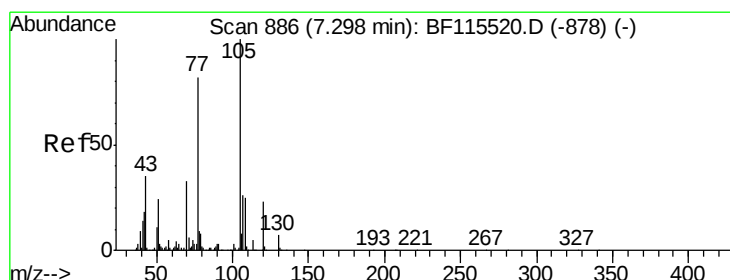
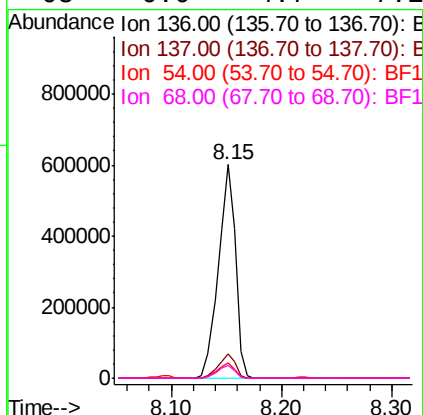
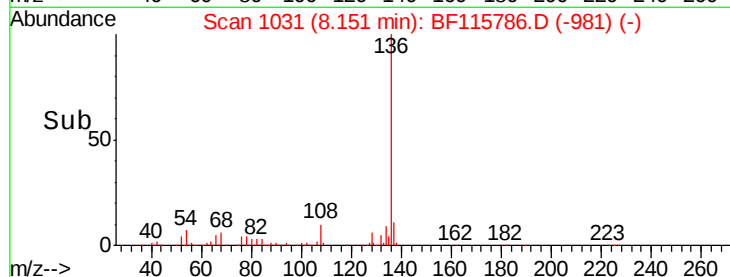
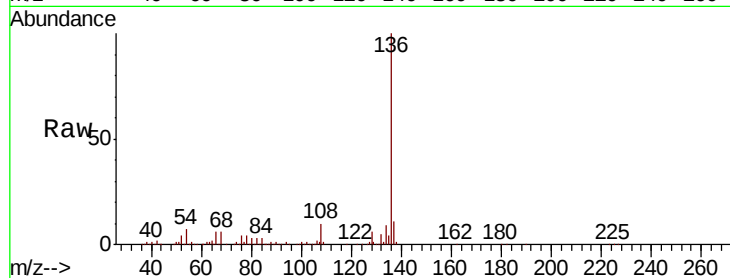
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		645361		
137	11.4	8.7	13.1		
54	7.1	5.0	7.6		
68	6.0	4.7	7.1		

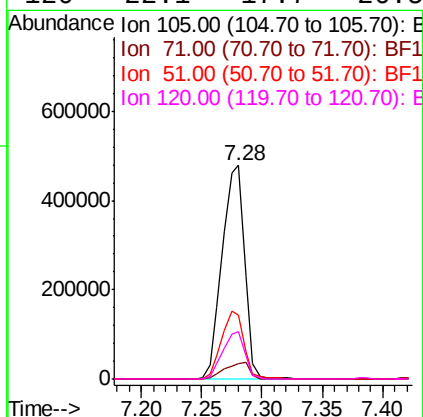
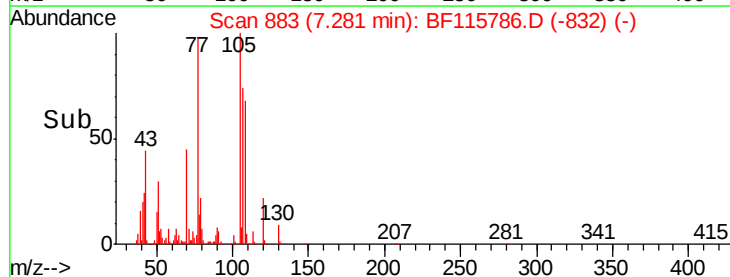
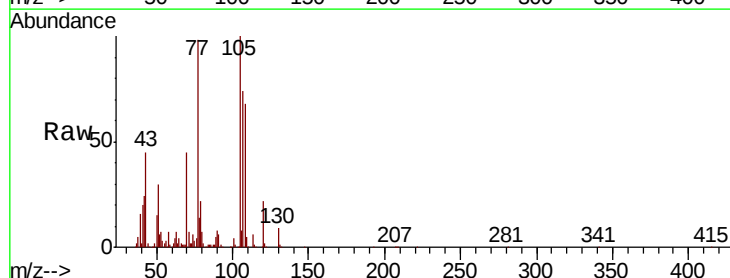
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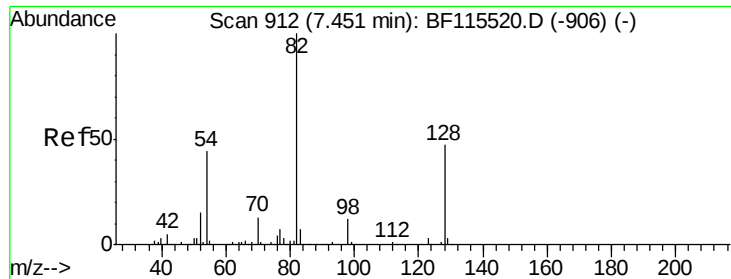
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#22
Acetophenone
Concen: 42.449 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		618886		
71	7.5	4.7	7.1#		
51	29.9	25.6	38.4		
120	22.1	17.7	26.5		





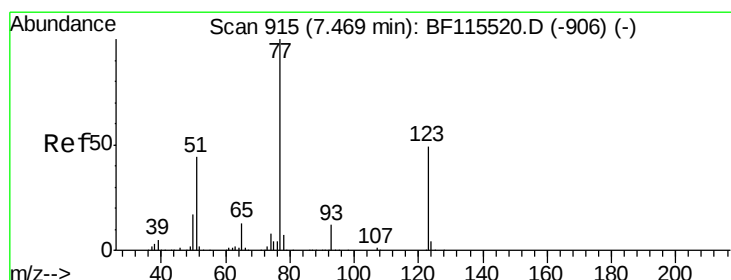
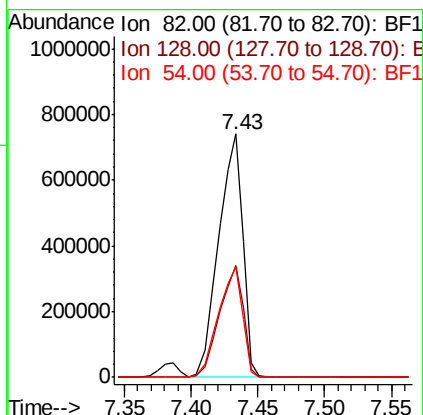
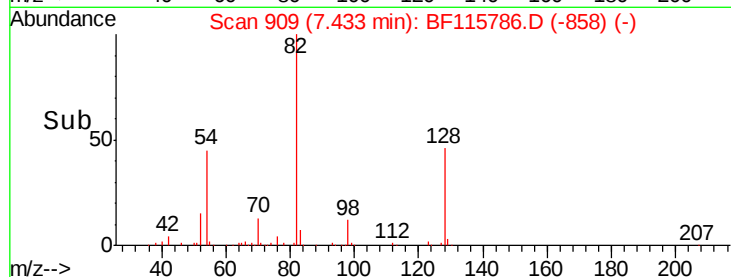
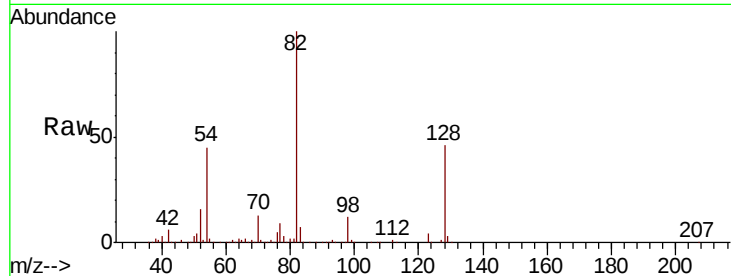
#23
 Nitrobenzene-d5
 Concen: 85.152 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleID :
 PB121741BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.6	55.0
54	45.5	36.6	54.8

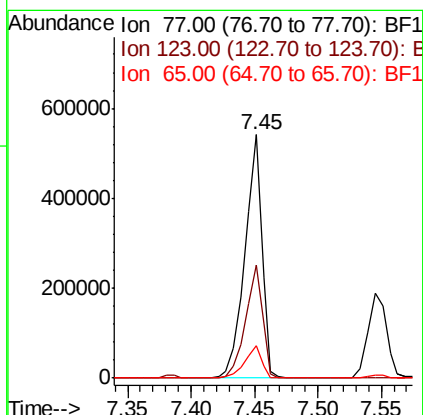
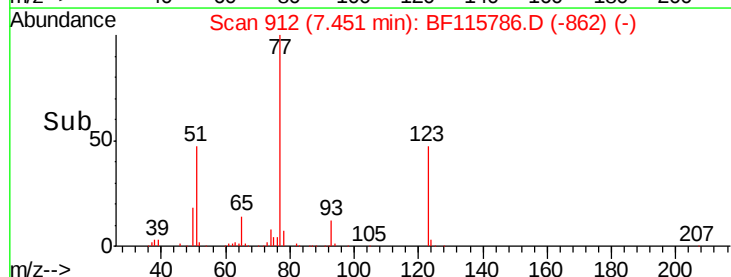
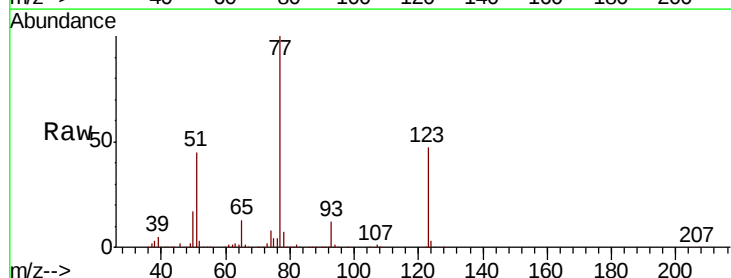
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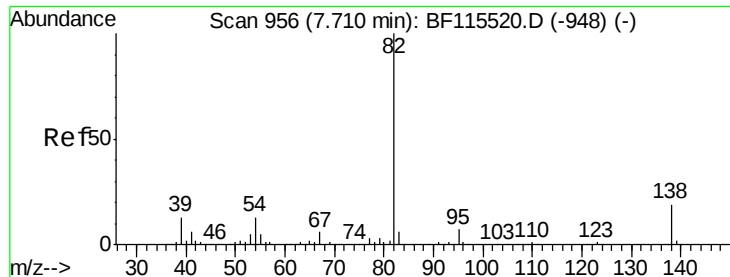
mohammad
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#24
 Nitrobenzene
 Concen: 41.896 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	39.9	59.9
65	13.3	10.5	15.7





#25

Isophorone

Concen: 41.871 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

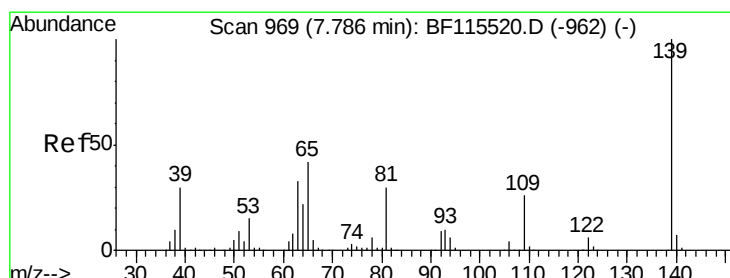
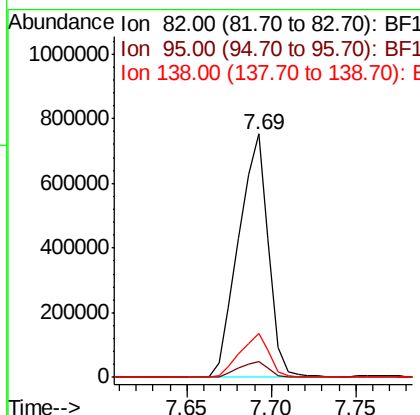
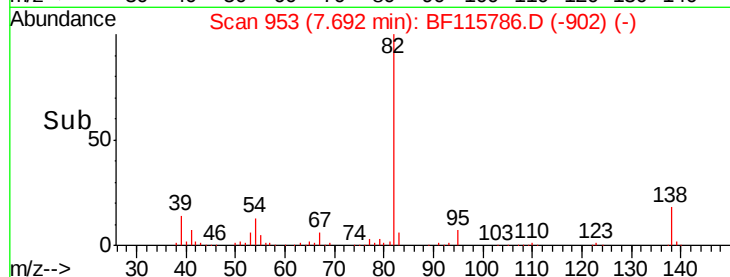
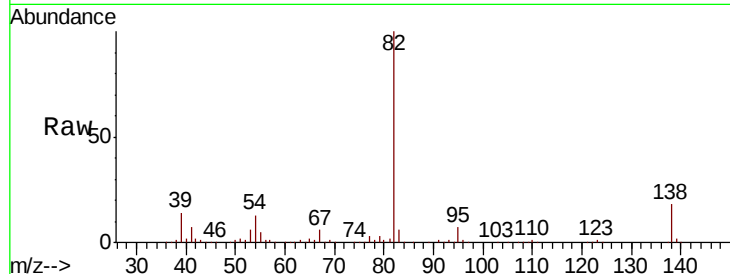
ClientSampleId :

PB121741BS

Tot Ion:	82	Resp:	929913
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	17.9	14.2	21.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.285 ng

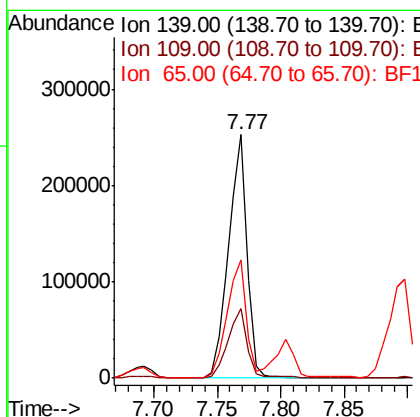
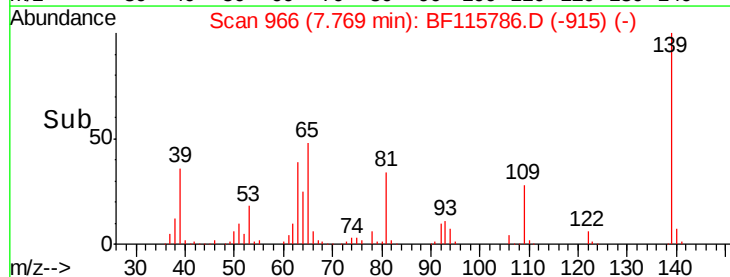
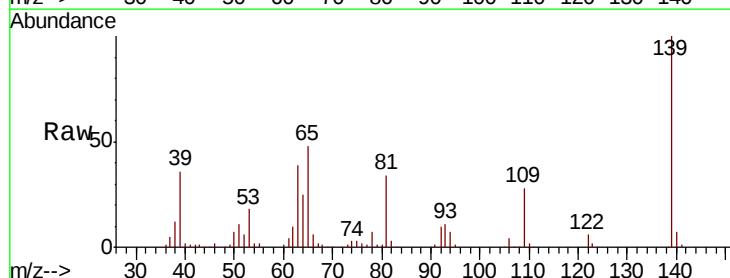
RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	139	Resp:	254388
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.2	34.8
65	48.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 47.183 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

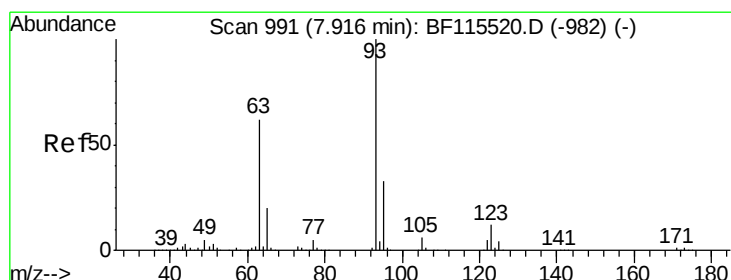
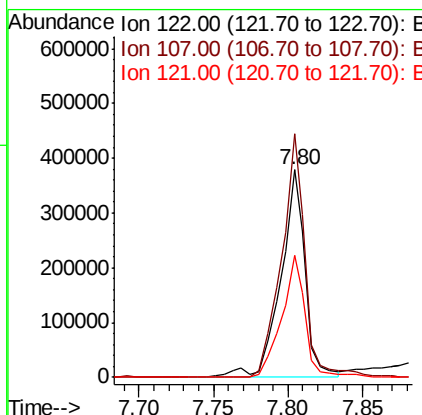
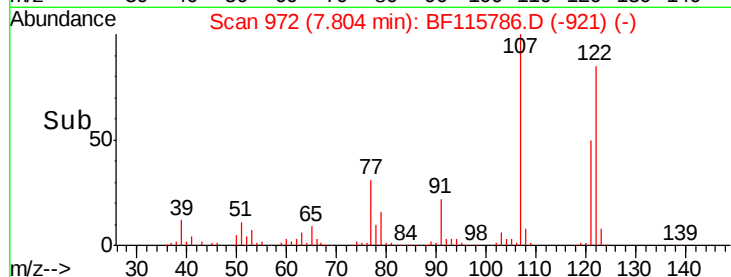
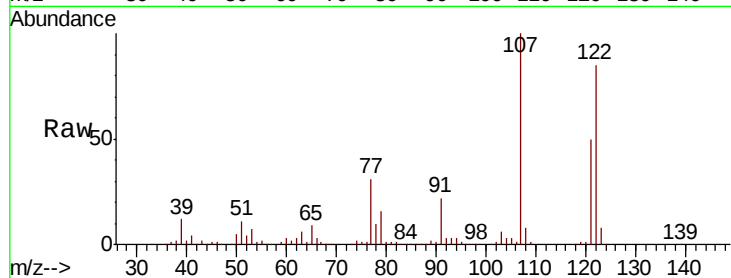
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	92.6	138.8
121	58.7	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 42.216 ng

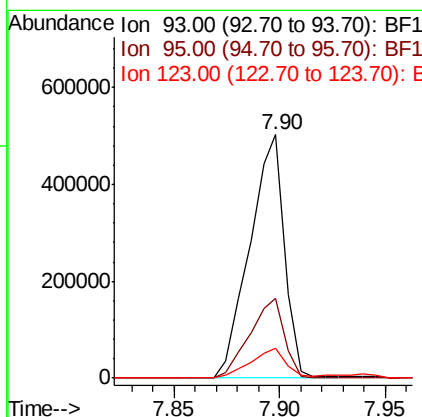
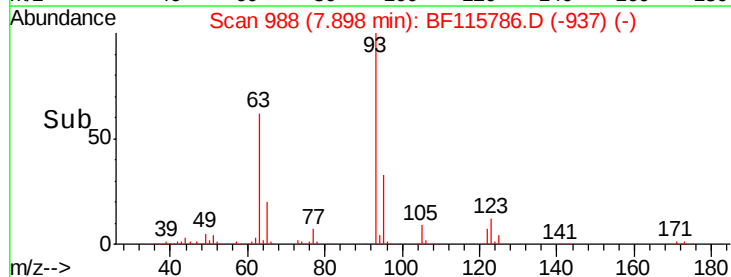
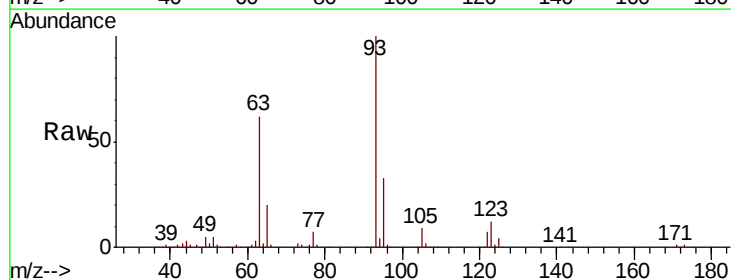
RT: 7.90 min Scan# 988

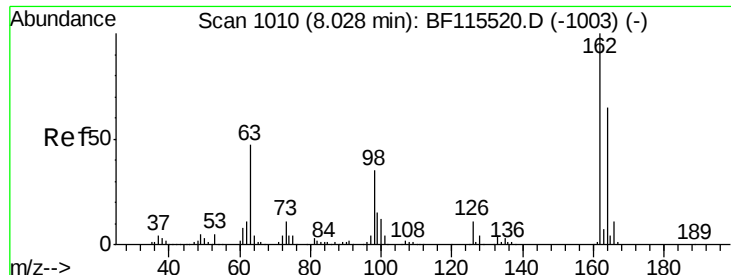
Delta R.T. -0.00 min

Lab File: BF115786.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.2	9.3	13.9





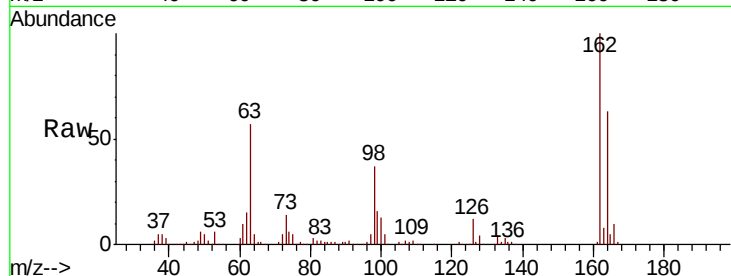
#29
2,4-Dichlorophenol
Concen: 42.529 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

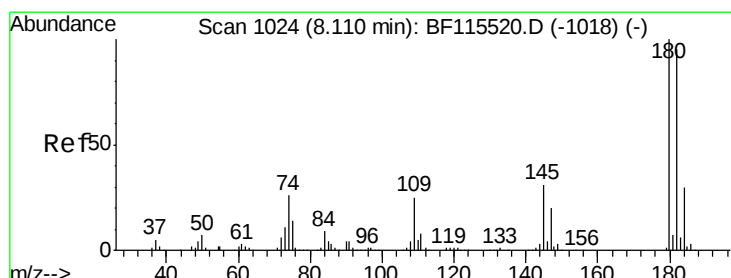
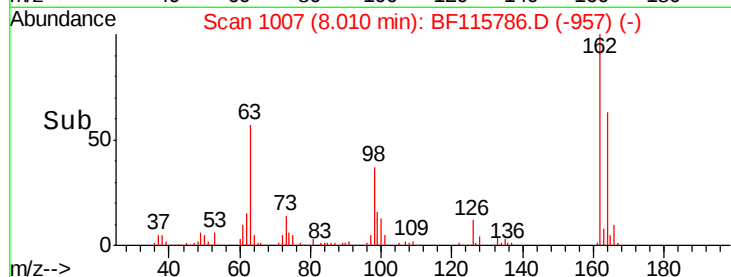
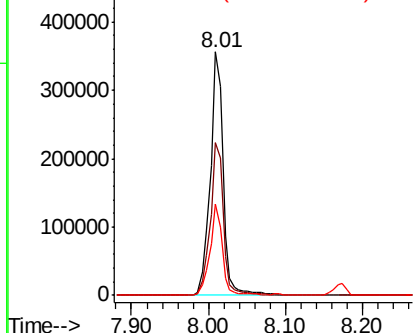
Tot Ion	Ratio	Resp	Lower	Upper
162	100	407772		
164	62.9		44.1	84.1
98	37.3		12.9	52.9

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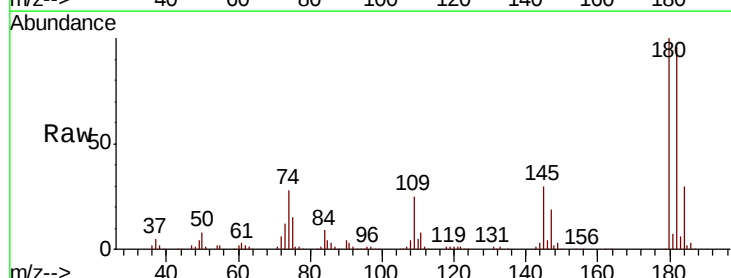


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

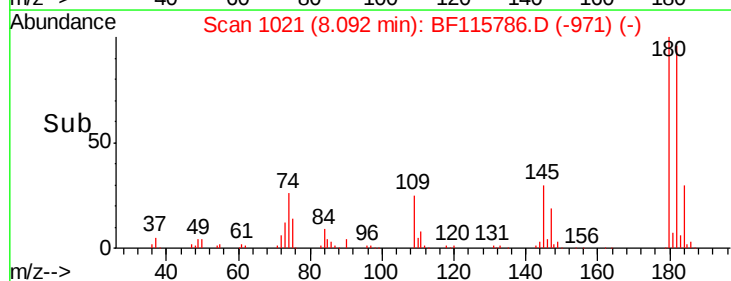
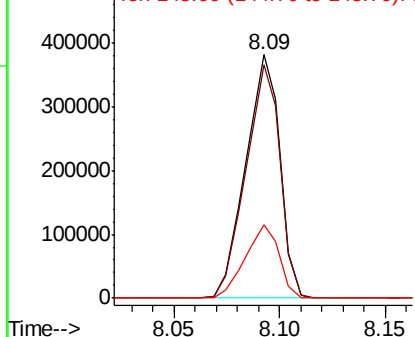


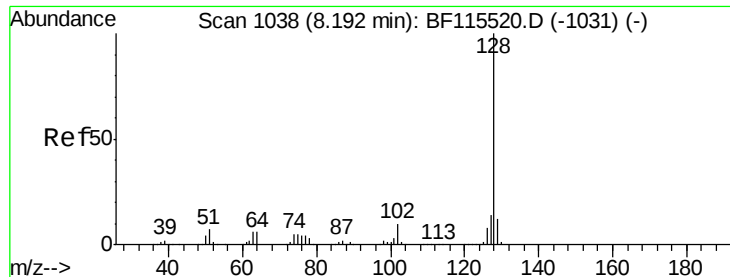
#30
1,2,4-Trichlorobenzene
Concen: 39.706 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	430346		
182	95.8		76.7	115.1
145	30.2		23.6	35.4



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





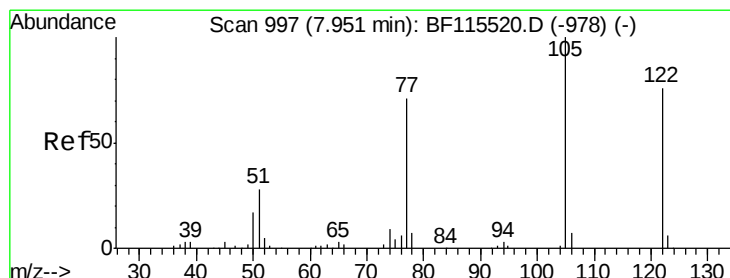
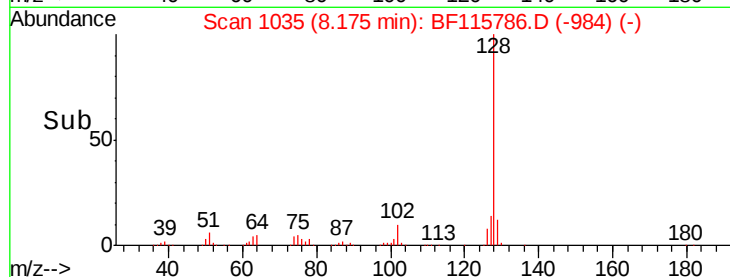
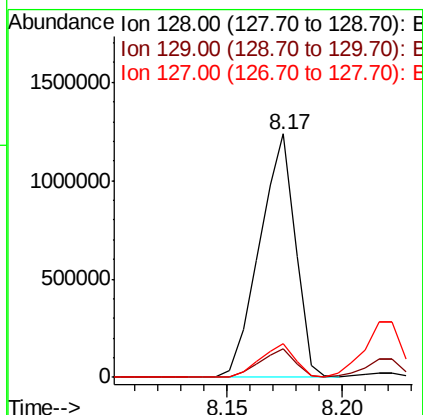
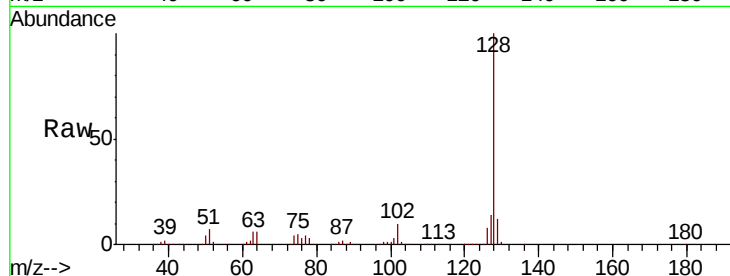
#31
Naphthalene
Concen: 42.710 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion:128 Resp: 1334889
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.7 10.9 16.3

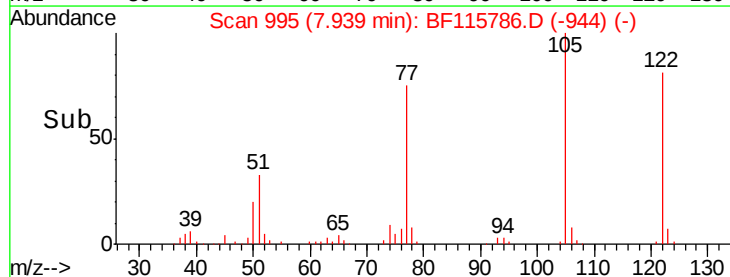
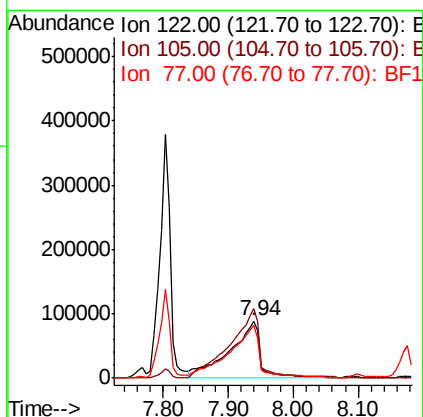
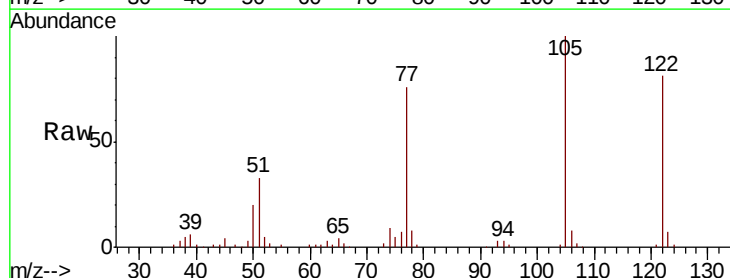
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#32
Benzoic acid
Concen: 37.426 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:122 Resp: 283166
Ion Ratio Lower Upper
122 100
105 122.9 102.0 142.0
77 92.9 73.6 113.6





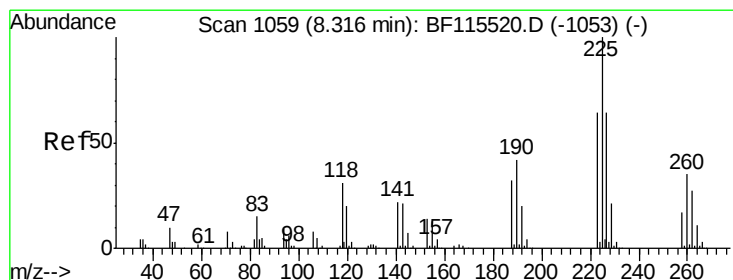
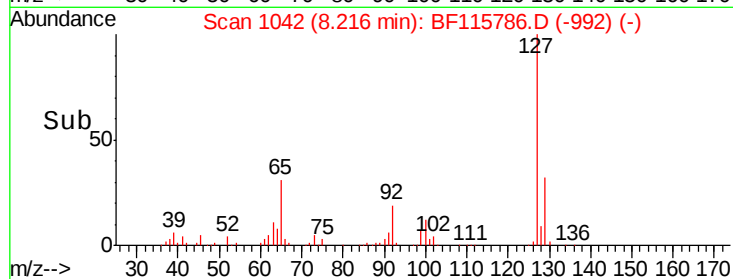
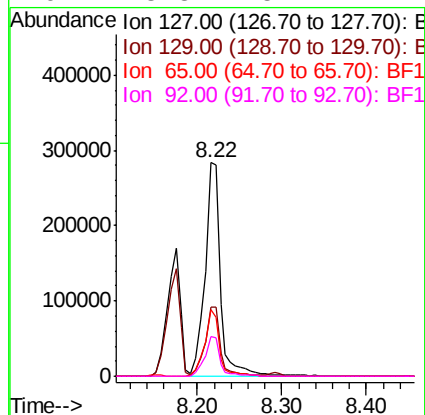
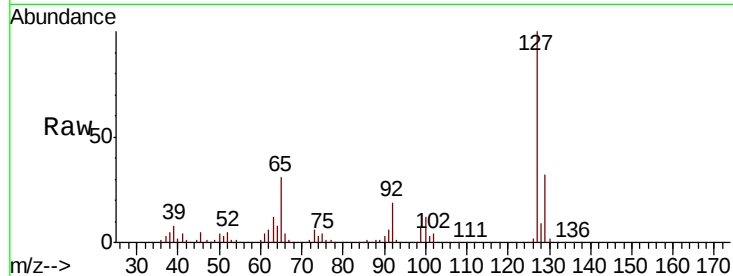
#33
4-Chloroaniline
Concen: 25.670 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	31.5	23.8	35.8		
92	18.8	15.1	22.7		

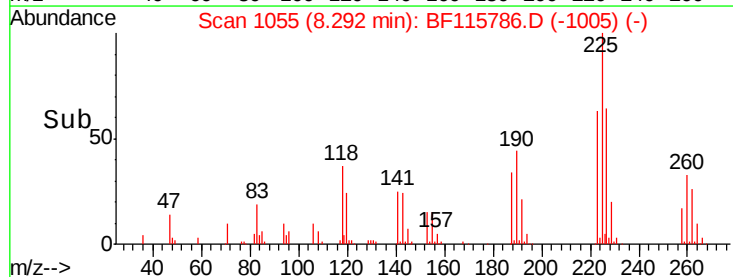
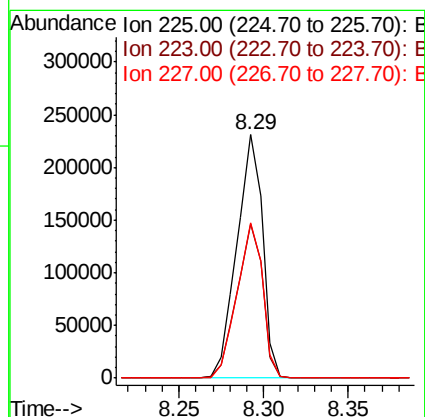
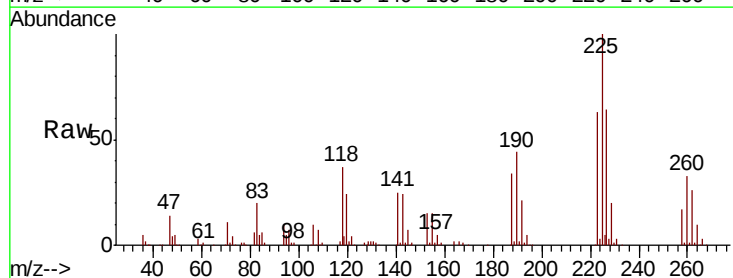
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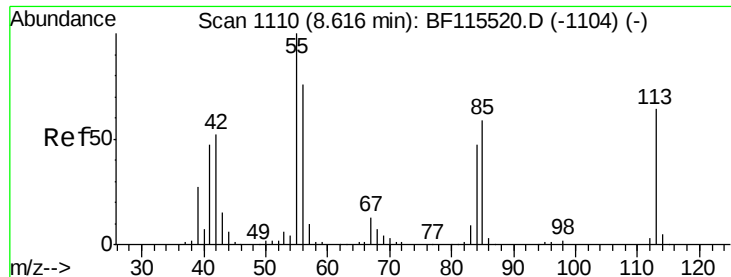
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#34
Hexachlorobutadiene
Concen: 39.471 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.6		
227	63.8	52.8	79.2		





#35

Caprolactam

Concen: 40.816 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

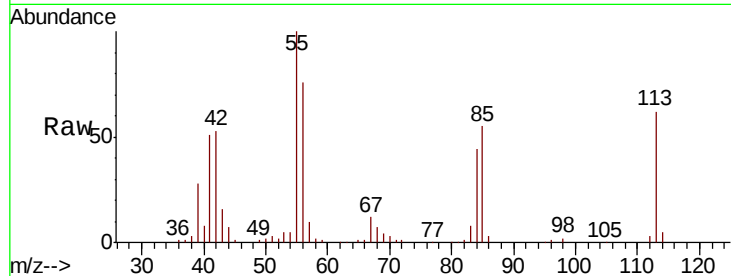
ClientSampled :

PB121741BS

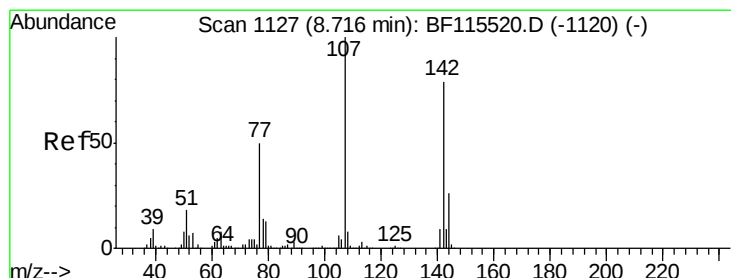
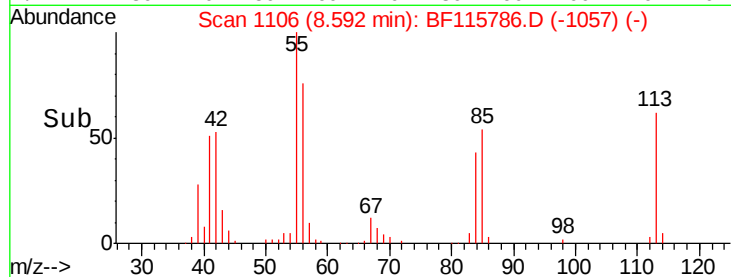
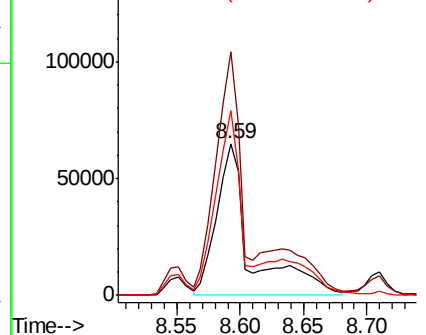
Tot Ion:	113	Resp:	120933
Ion Ratio	Lower	Upper	
113	100		
55	160.3	130.5	170.5
56	121.7	93.1	133.1

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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: 43.209 ng/ml

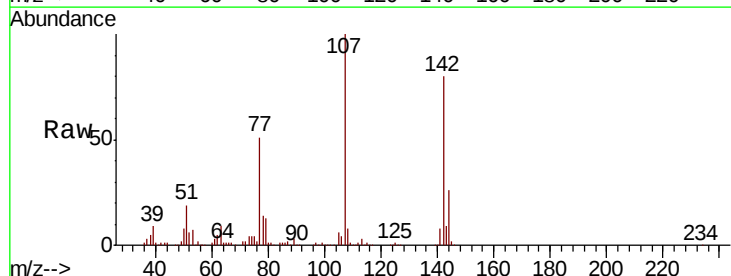
RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

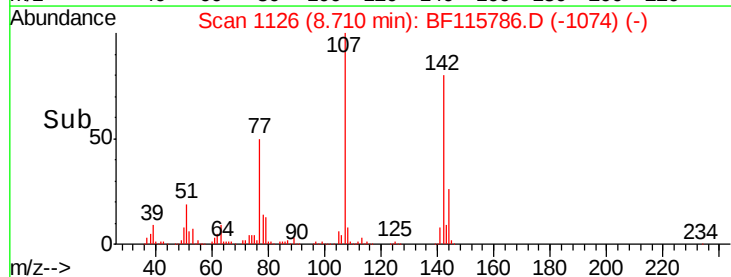
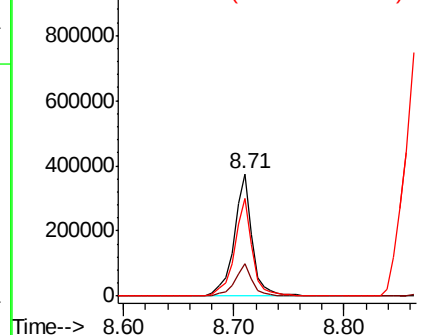
Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	107	Resp:	429750
Ion Ratio	Lower	Upper	
107	100		
144	26.2	20.1	30.1
142	79.5	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





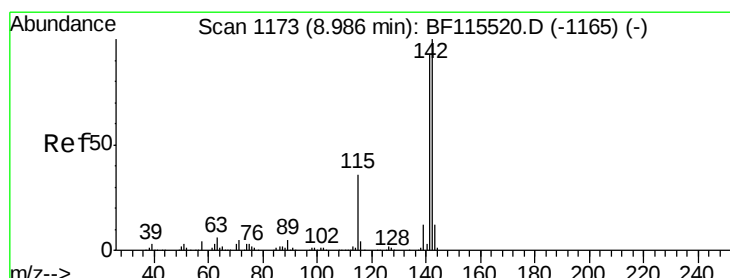
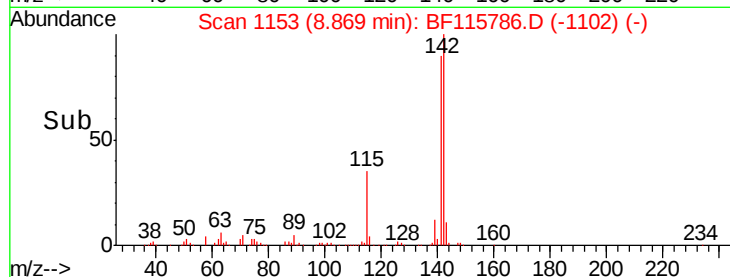
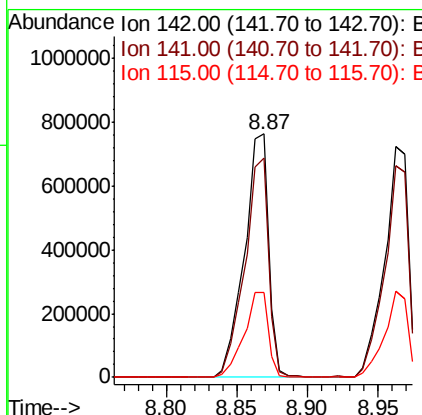
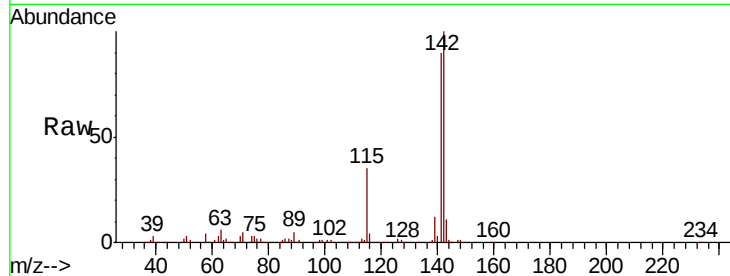
#37
2-Methylnaphthalene
Concen: 44.424 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.4
115	34.7	27.7	41.5

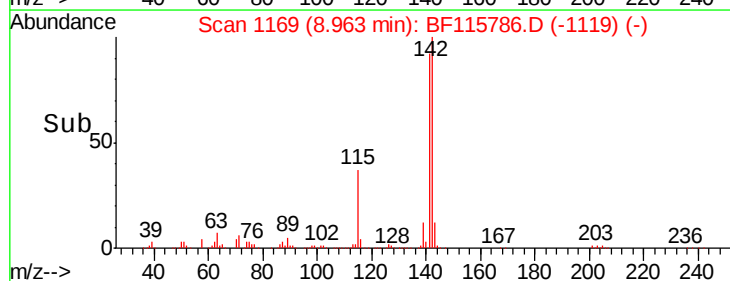
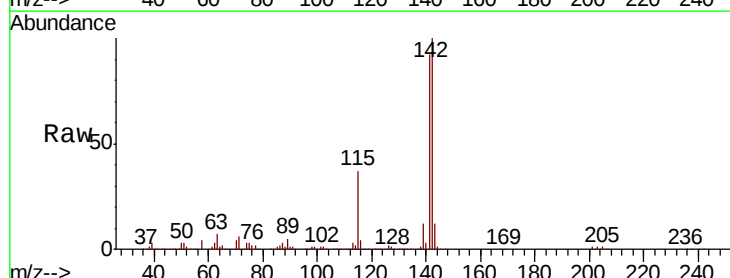
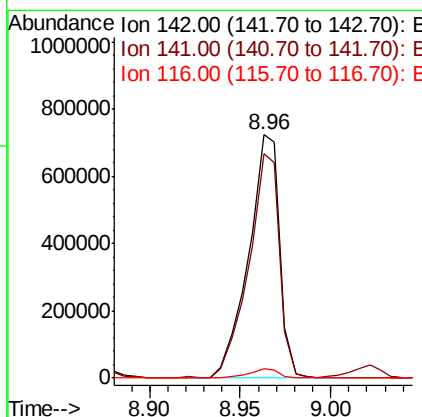
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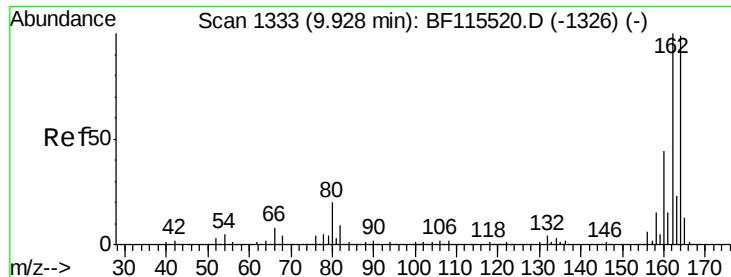
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#38
1-Methylnaphthalene
Concen: 43.616 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9
116	4.0	3.0	4.6





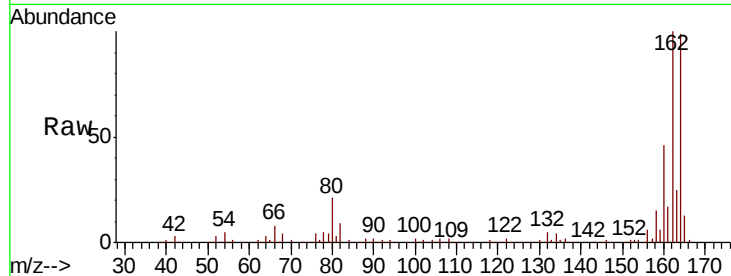
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	46.2	37.5	56.3

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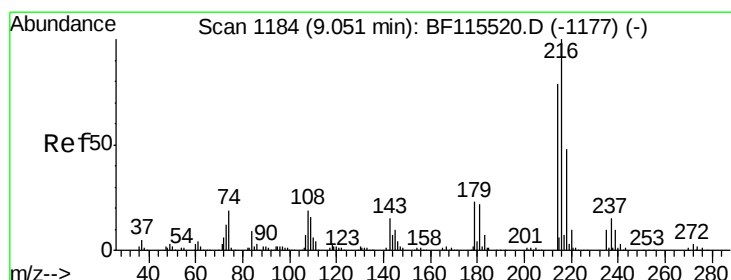
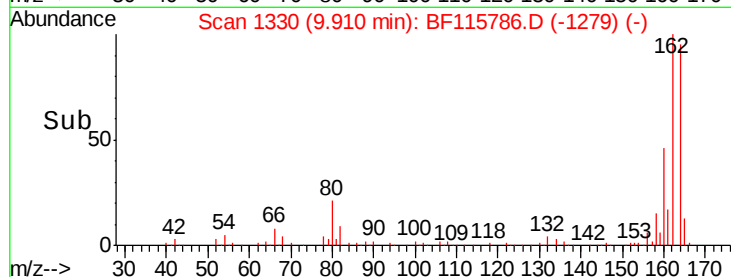
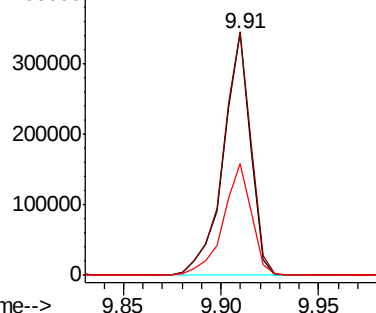


Abundance

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: 41.303 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.6
179	22.3	17.4	26.2
108	21.7	16.6	25.0

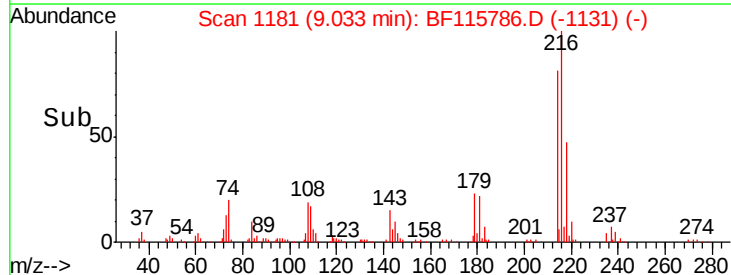
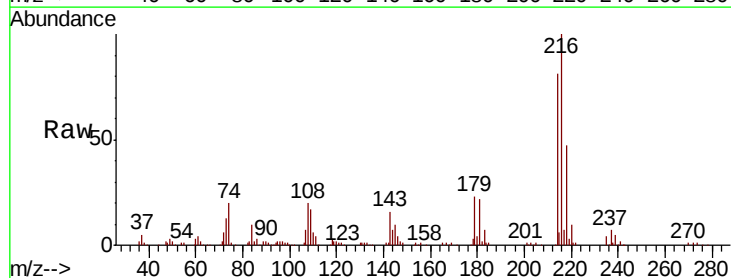
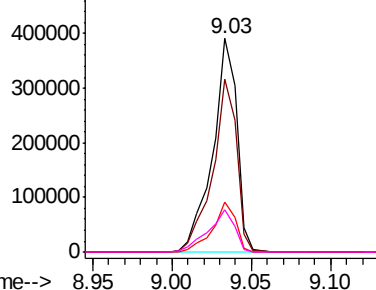
Abundance

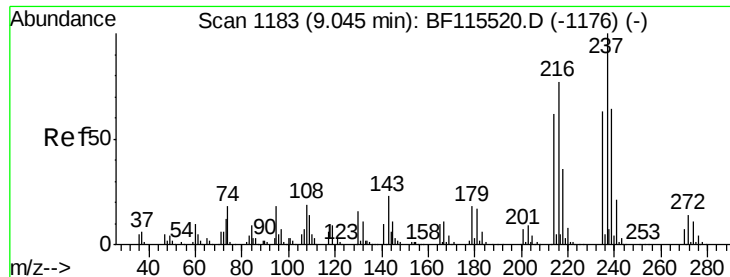
Ion 216.00 (215.70 to 216.70): E

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: 55.028 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

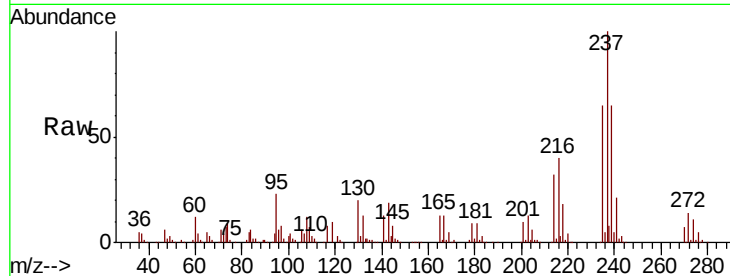
ClientSampleId :

PB121741BS

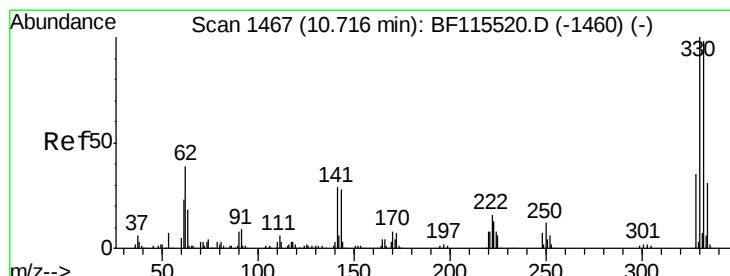
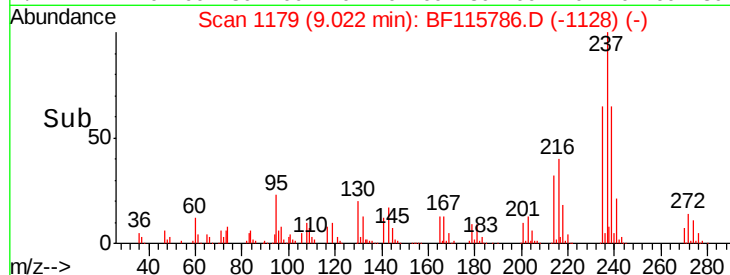
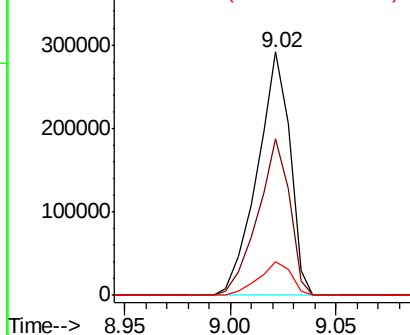
Tot Ion:	237	Resp:	312967
Ion Ratio		Lower	Upper
237	100		
235	64.6	44.3	84.3
272	13.8	0.0	33.0

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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: 78.468 ng

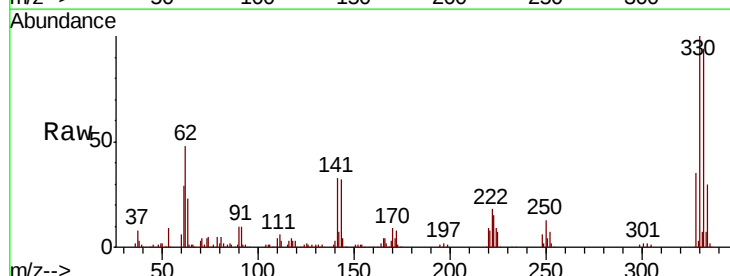
RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

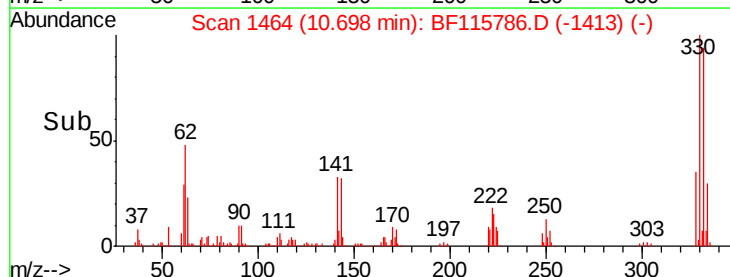
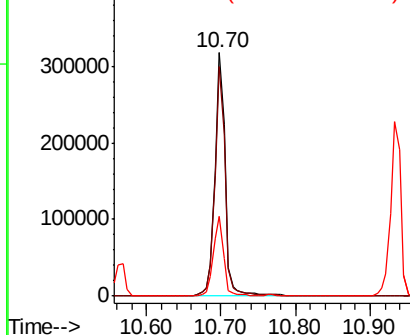
Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	330	Resp:	303245
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.1	114.1
141	33.0	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





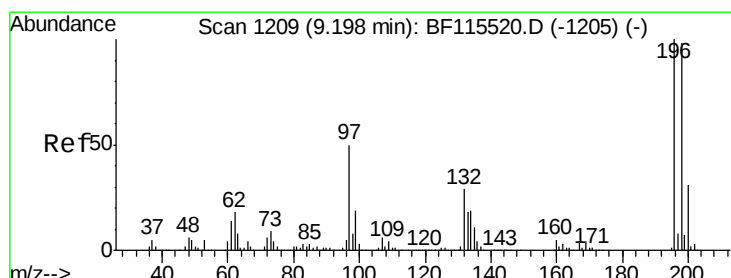
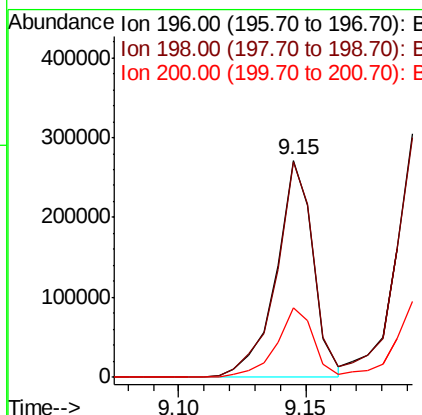
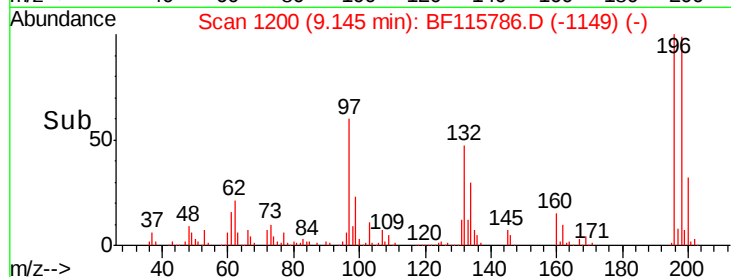
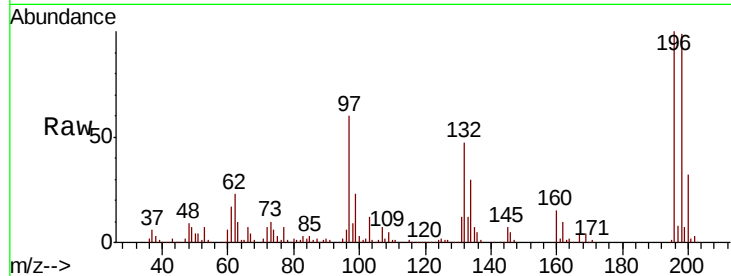
#43
 2,4,6-Trichlorophenol
 Concen: 38.045 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampled :
 PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277391		
198	99.3	79.8	119.6	
200	32.1	25.4	38.0	

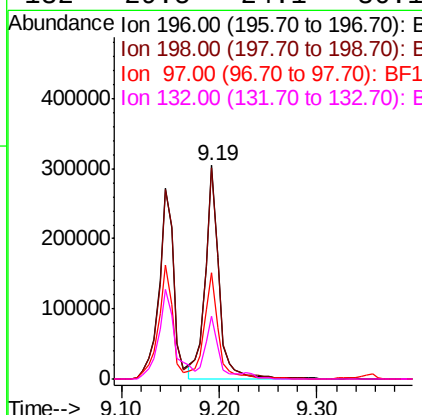
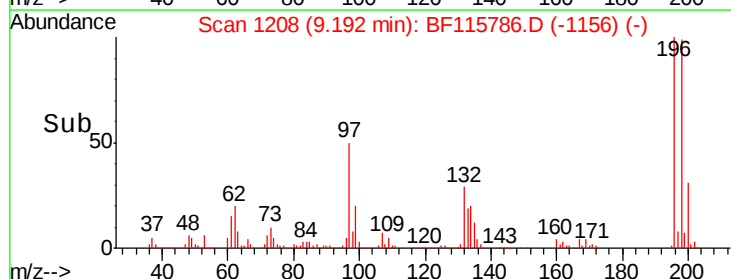
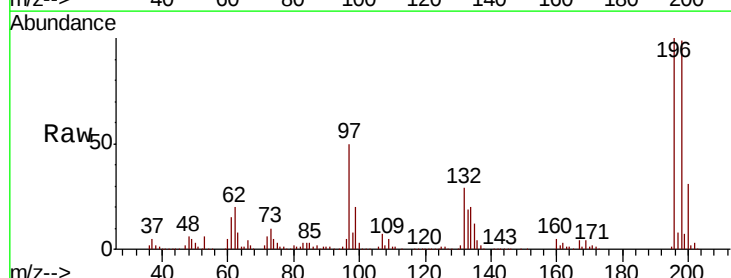
Manual Integrations
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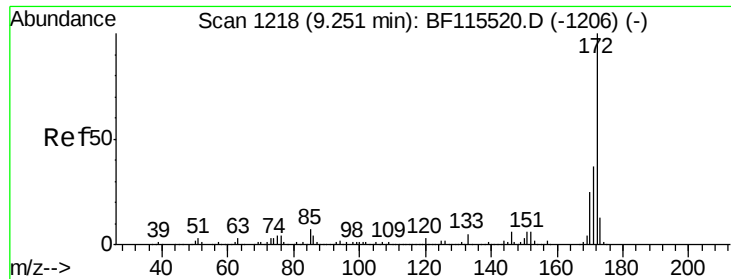
mohammad
 7/29/2019 5:28:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.477 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294771		
198	98.6	78.2	117.2	
97	49.7	41.9	62.9	
132	29.5	24.1	36.1	





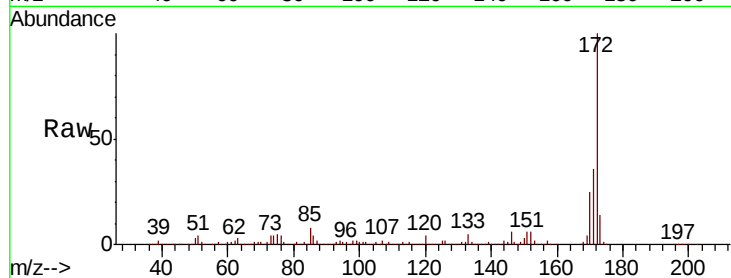
#45
2-Fluorobiphenyl
Concen: 93.190 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	25.2	20.1	30.1

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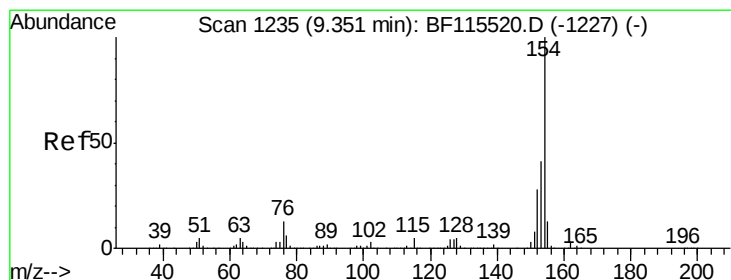
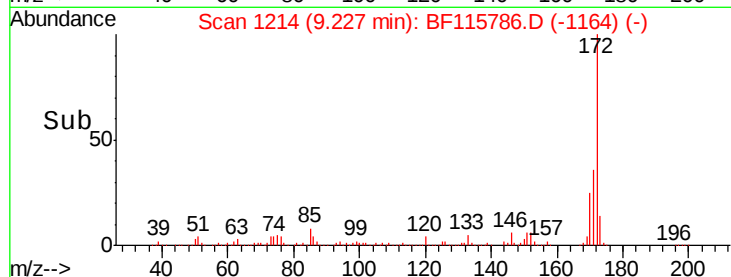
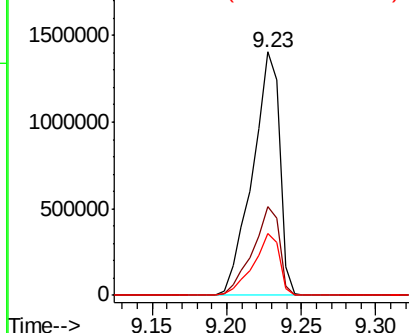


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.087 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

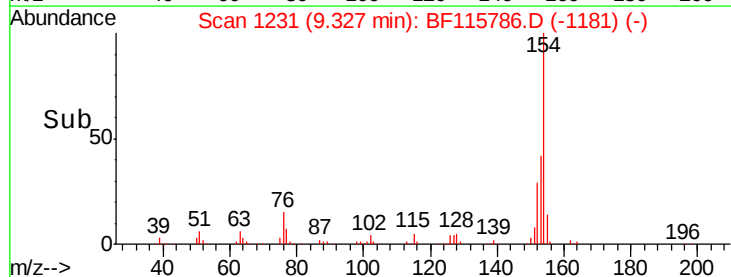
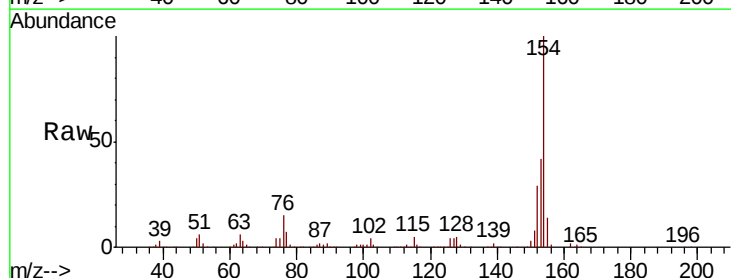
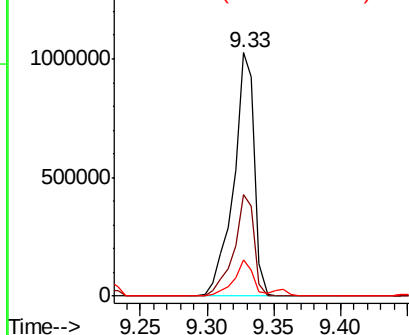
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.4	61.4
76	14.7	0.0	33.2

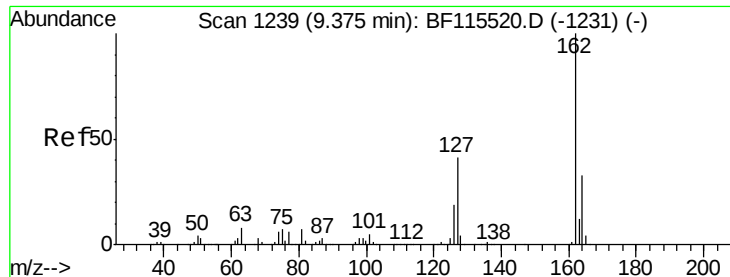
Abundance

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





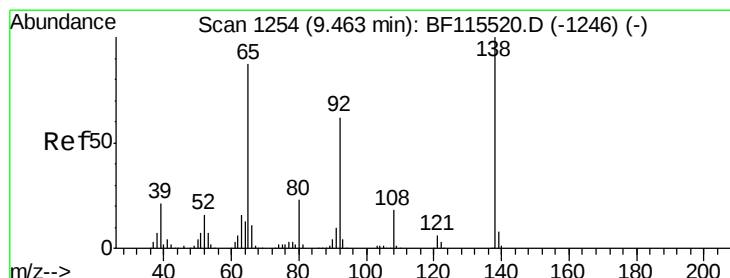
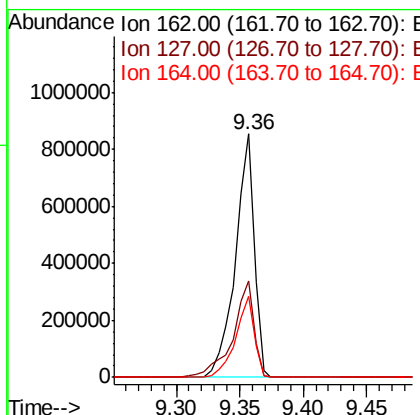
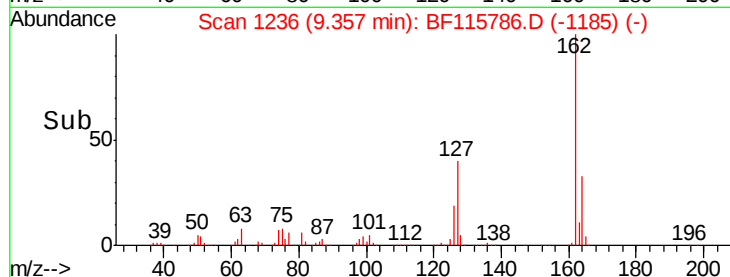
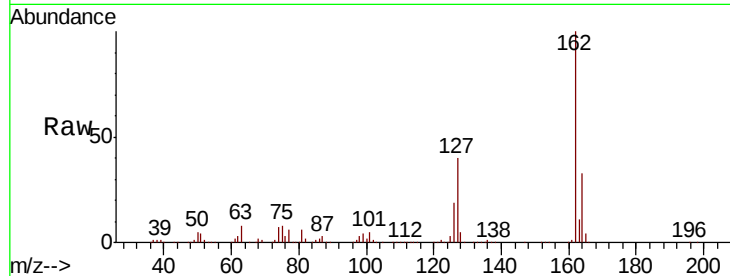
#47
2-Chloronaphthalene
Concen: 40.476 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	872349		
127	39.7		32.1	48.1
164	33.1		26.2	39.4

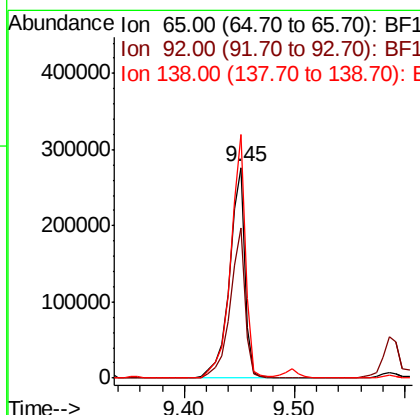
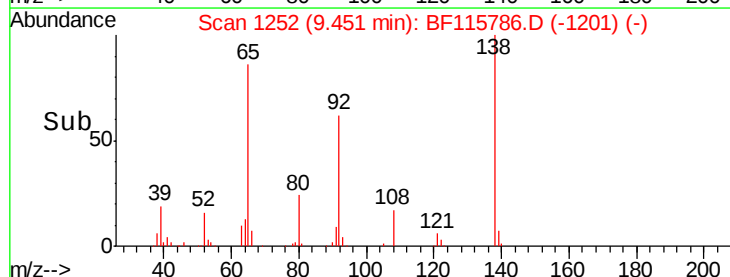
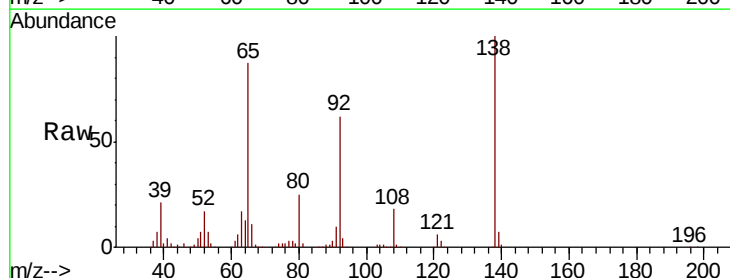
Manual Integrations
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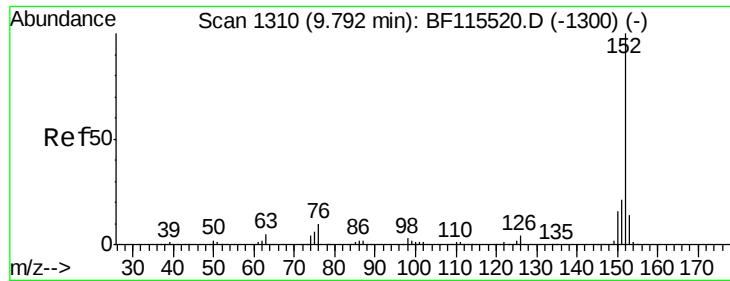
mohammad
7/29/2019 5:28:51 PM



#48
2-Nitroaniline
Concen: 40.613 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	270917		
92	71.2		56.9	85.3
138	115.5		91.4	137.2





#49

Acenaphthylene

Concen: 41.637 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB121741BS

Tot Ion:152 Resp: 1329680

Ion Ratio Lower Upper

152 100

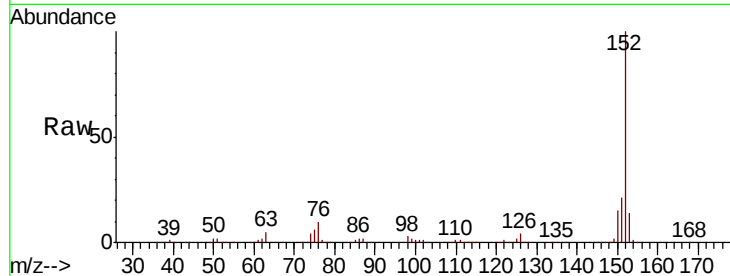
151 21.0 16.9 25.3

153 14.0 11.5 17.3

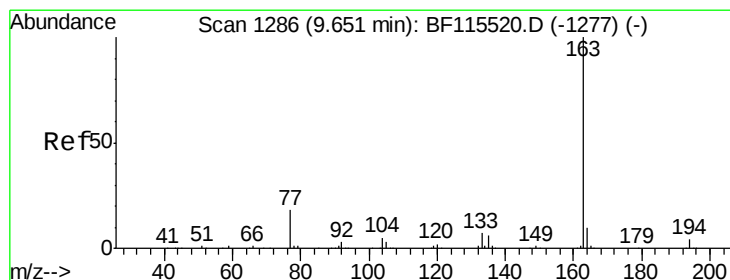
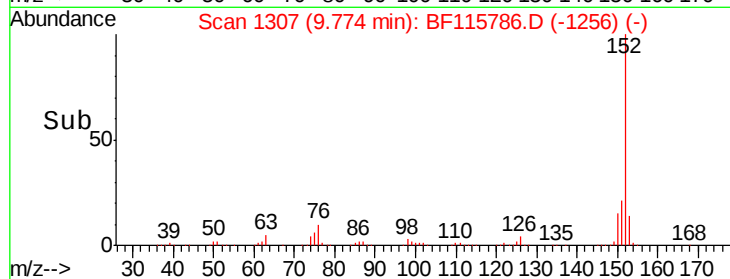
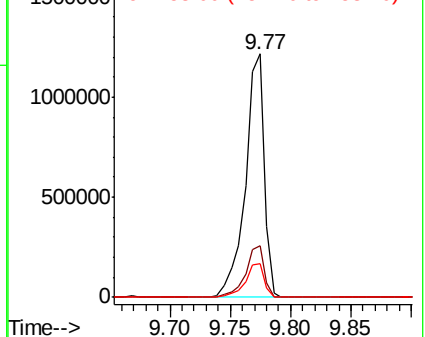
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.859 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

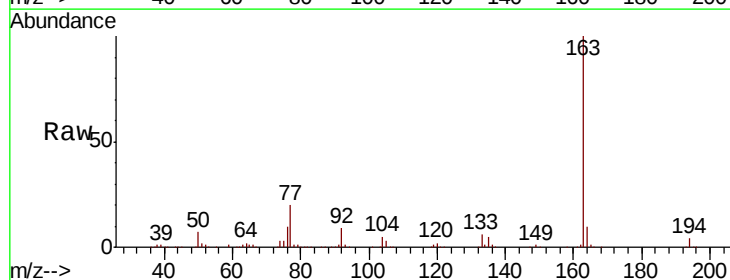
Tgt Ion:163 Resp: 1042710

Ion Ratio Lower Upper

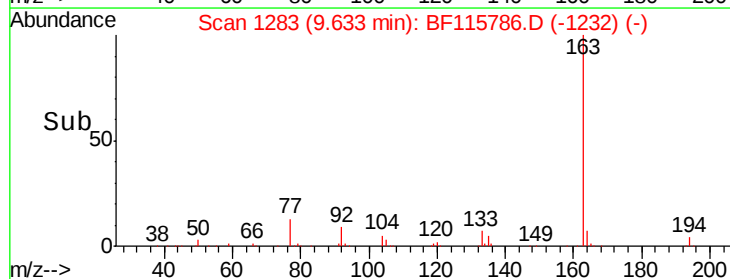
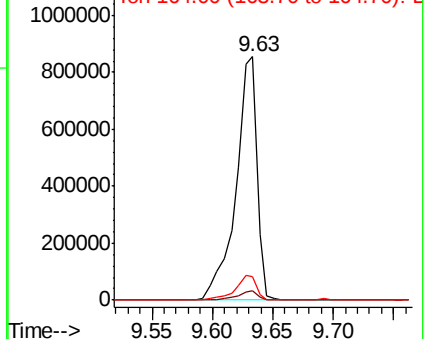
163 100

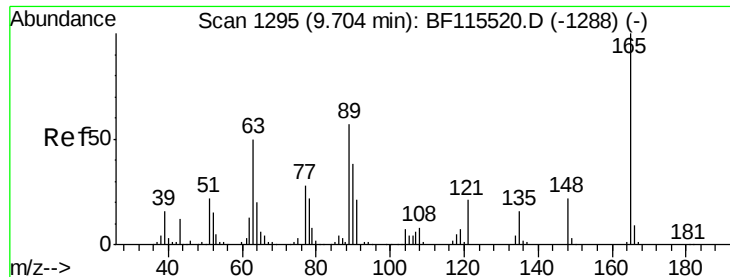
194 4.1 3.2 4.8

164 9.9 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





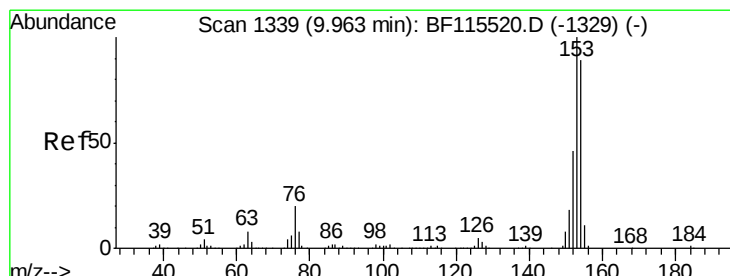
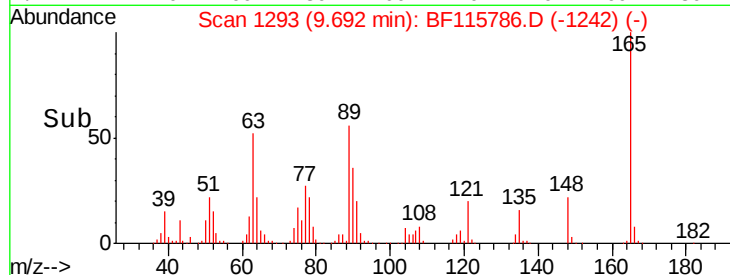
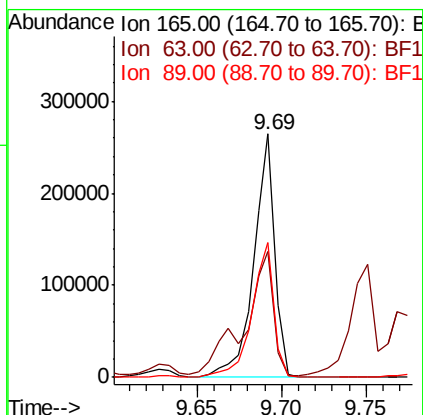
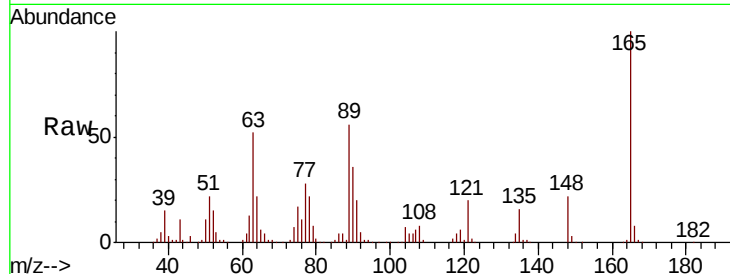
#51
 2,6-Dinitrotoluene
 Concen: 40.778 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		230845		
63	51.6	43.5	65.3		
89	55.6	46.3	69.5		

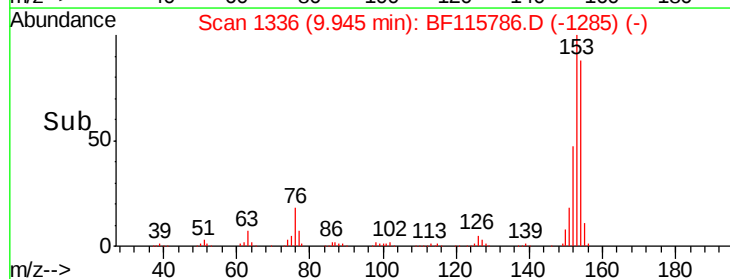
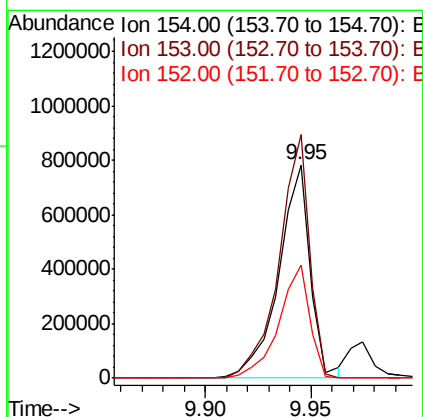
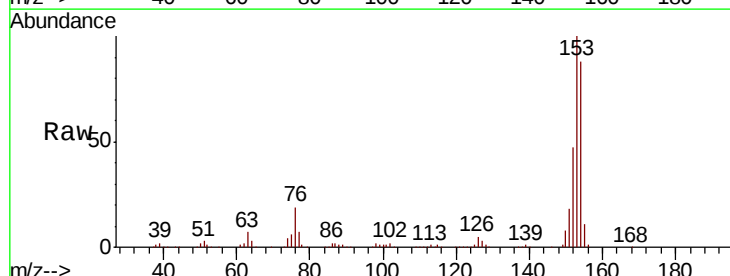
Manual Integrations
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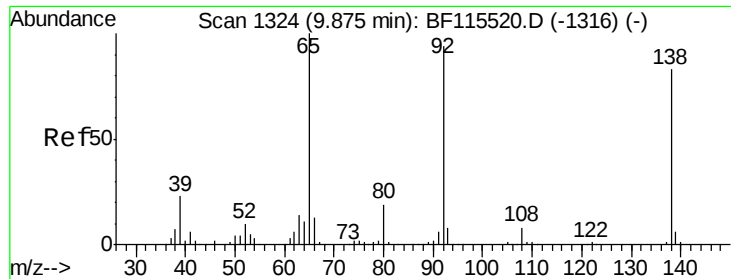
mohammad
 7/29/2019 5:28:51 PM



#52
 Acenaphthene
 Concen: 39.394 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		812227		
153	114.1	88.1	132.1		
152	53.3	42.0	63.0		





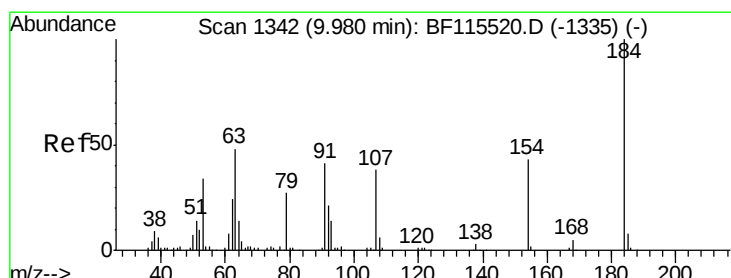
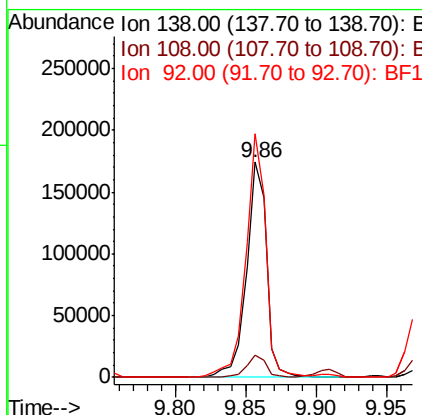
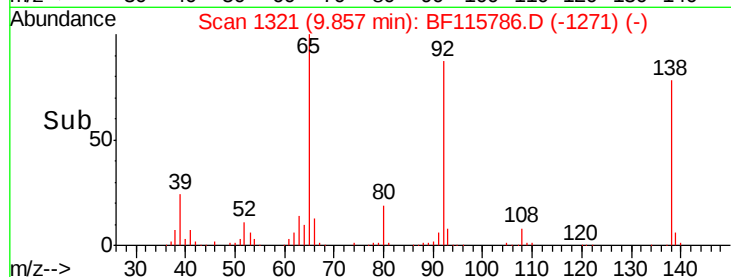
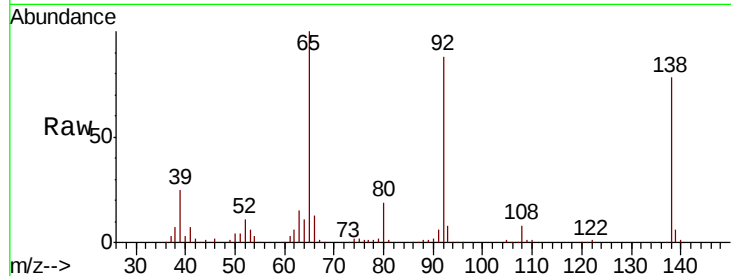
#53
3-Nitroaniline
Concen: 26.827 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampled :
PB121741BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	113.0	87.2	130.8

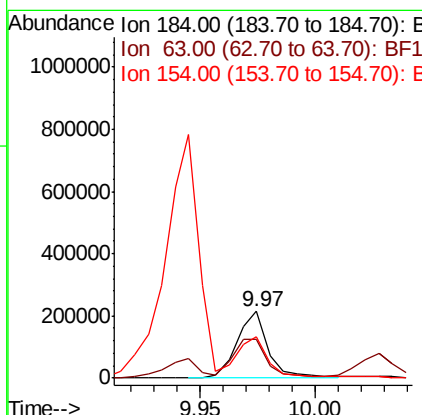
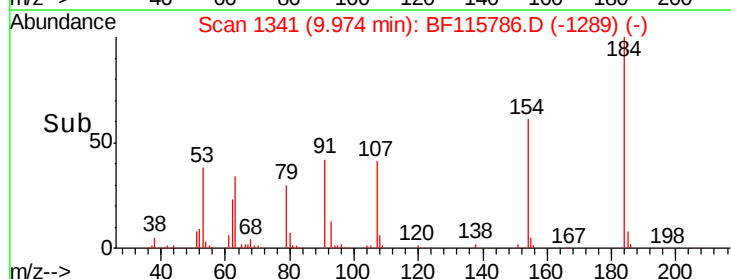
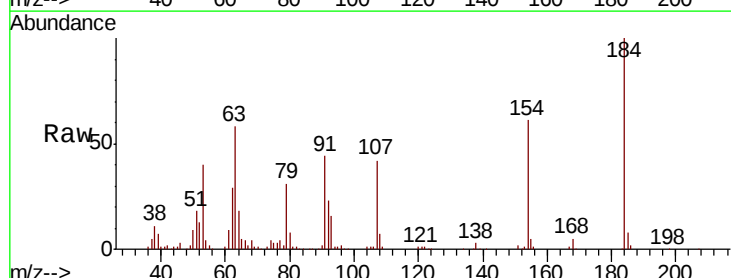
Manual Integrations
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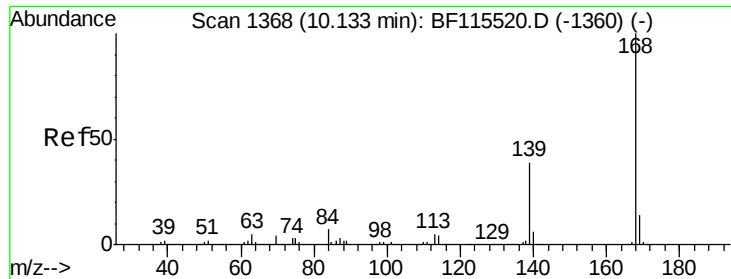
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.980 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.2	55.2	82.8
154	61.4	51.4	77.0





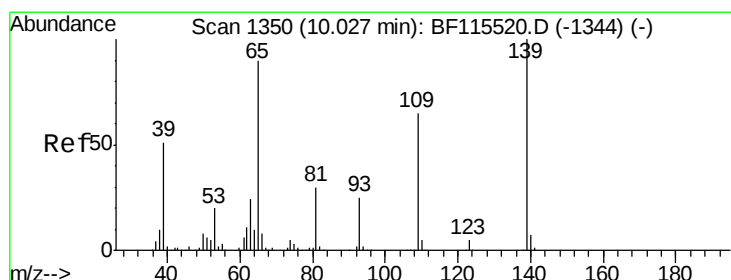
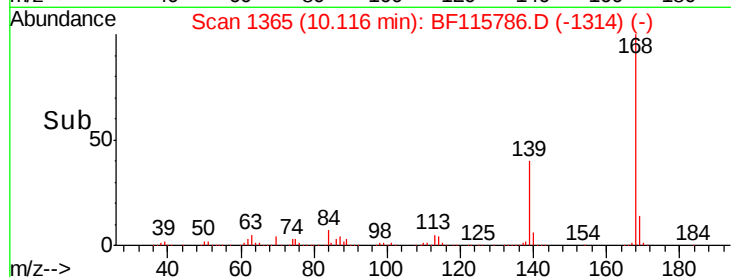
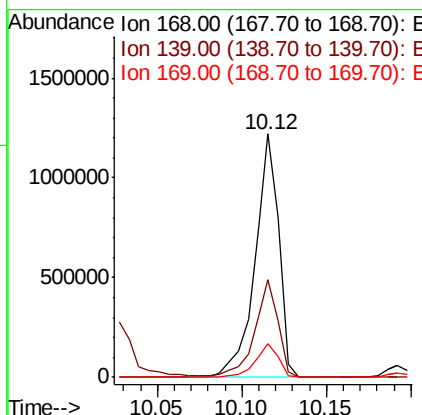
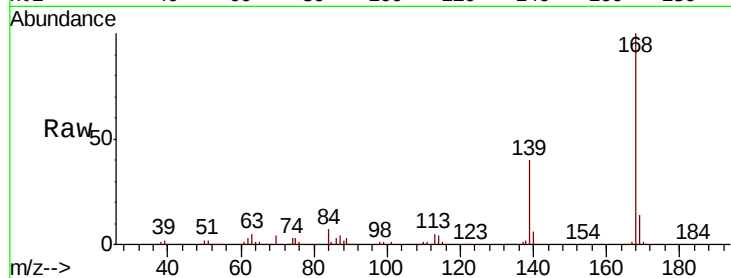
#55
Dibenzenofuran
Concen: 40.697 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.4	47.2
169	14.0	11.3	16.9

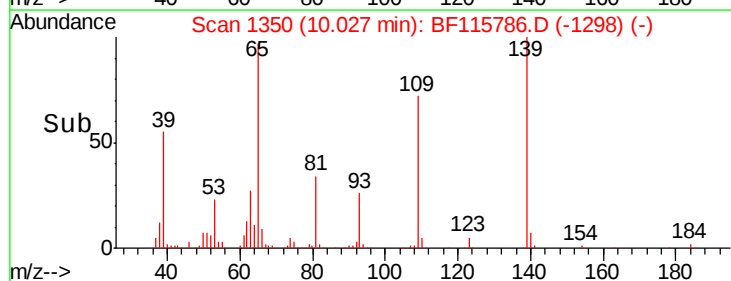
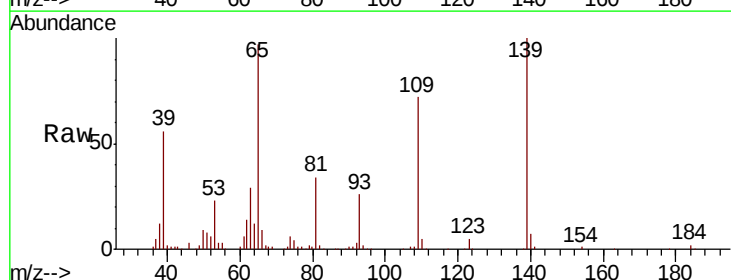
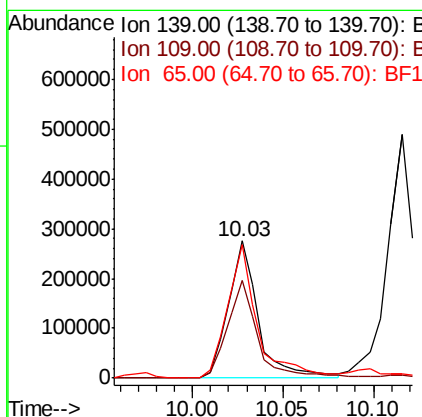
Manual Integrations
APPROVED

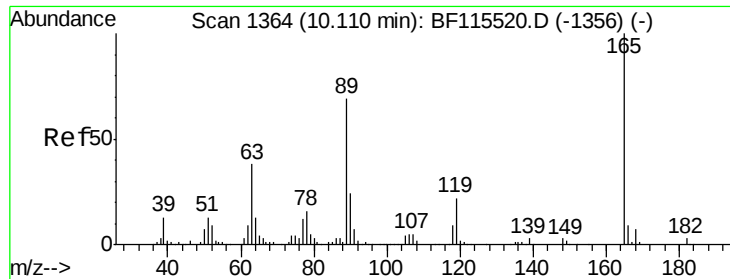
mohammad
7/29/2019 5:28:51 PM



#56
4-Nitrophenol
Concen: 64.500 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	51.2	91.2
65	97.2	76.0	116.0





#57

2,4-Dinitrotoluene

Concen: 40.949 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

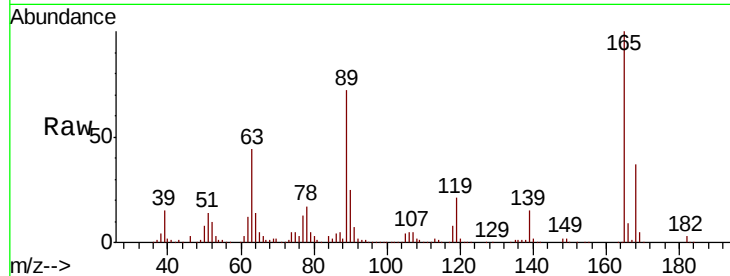
ClientSampleId :

PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	300325		
63	43.7	33.4	50.2	
89	72.4	57.3	85.9	
182	2.6	2.1	3.1	

Manual Integrations
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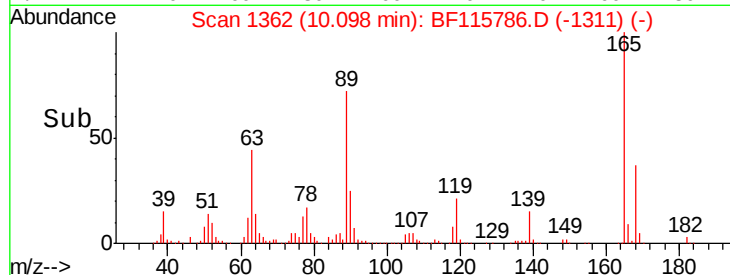
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

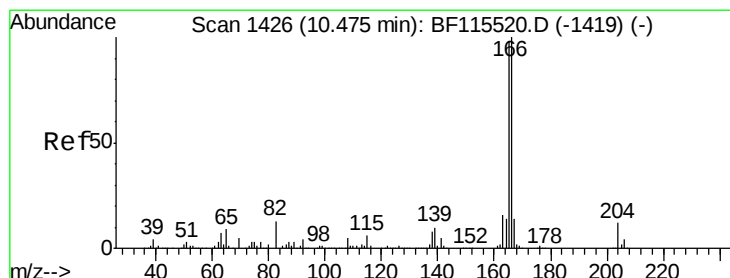
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#58

Fluorene

Concen: 43.055 ng

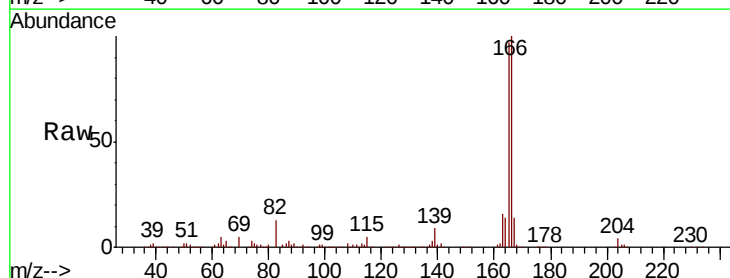
RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	901221		
165	97.2	79.0	118.4	
167	13.9	11.0	16.6	

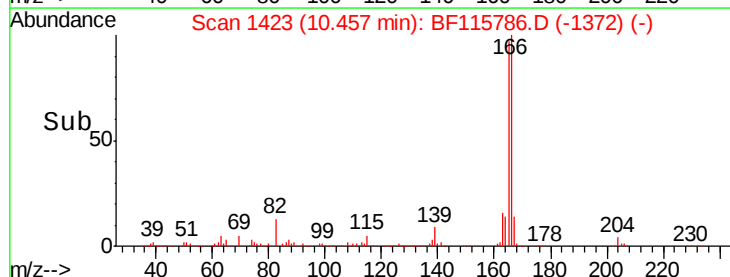


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



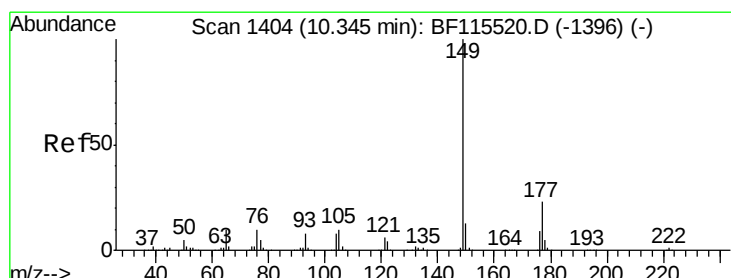
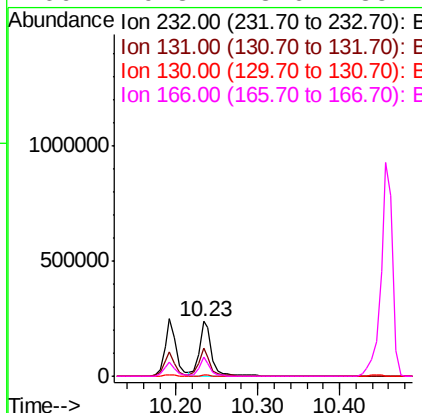
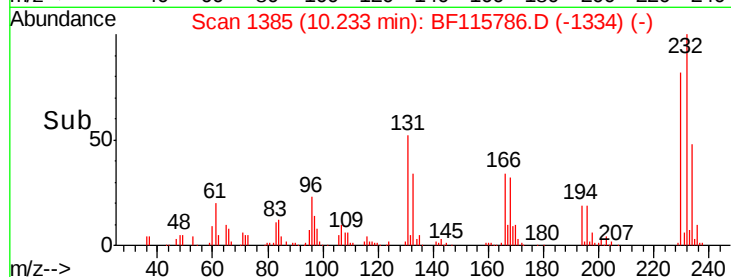
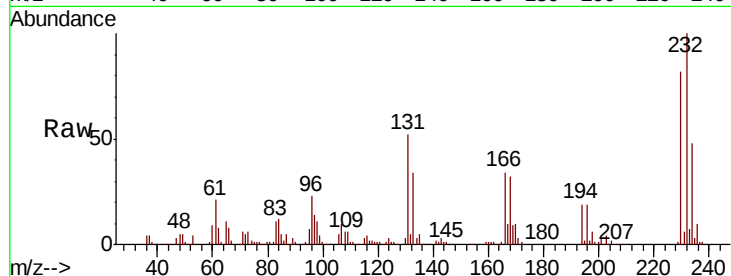
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.525 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	252951		
131	45.5		35.8	53.8
130	2.3		1.8	2.6
166	29.3		23.6	35.4

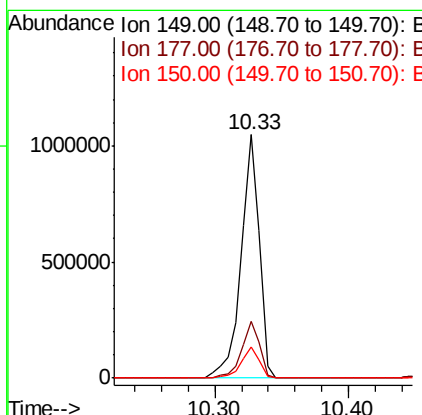
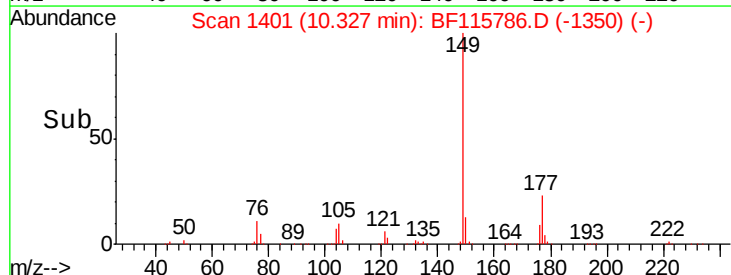
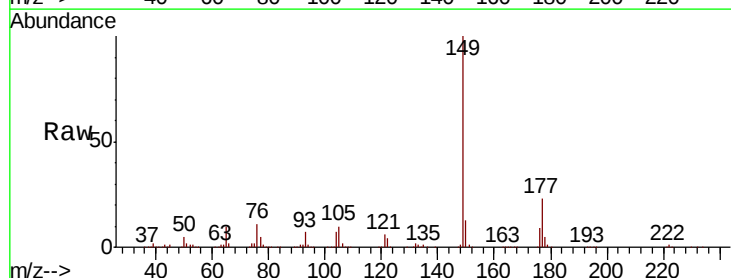
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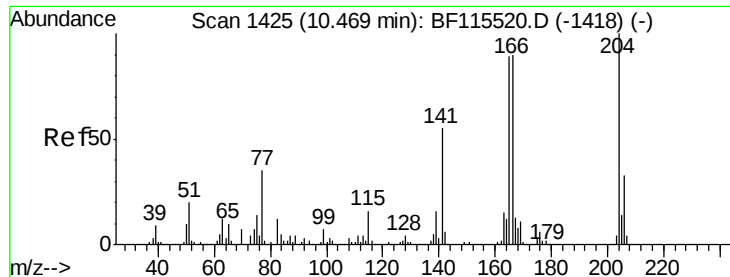
mohammad
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#60
 Diethylphthalate
 Concen: 42.446 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	990663		
177	23.1		19.0	28.4
150	13.0		10.5	15.7





#61

4-Chlorophenyl-phenylether

Concen: 39.915 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

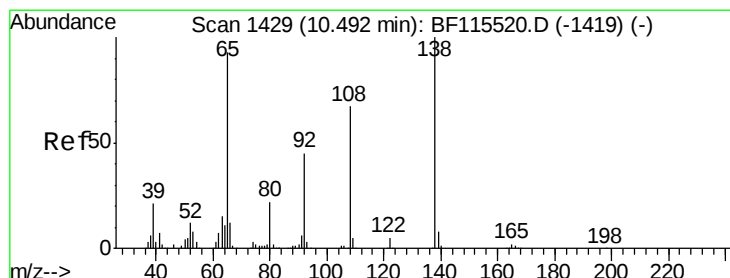
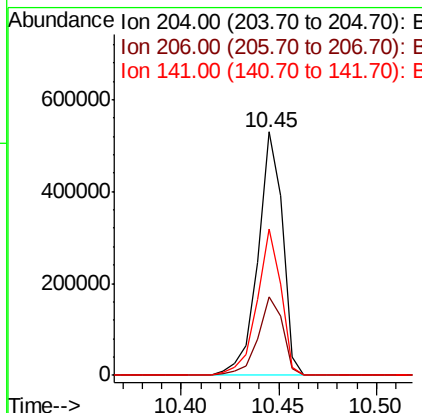
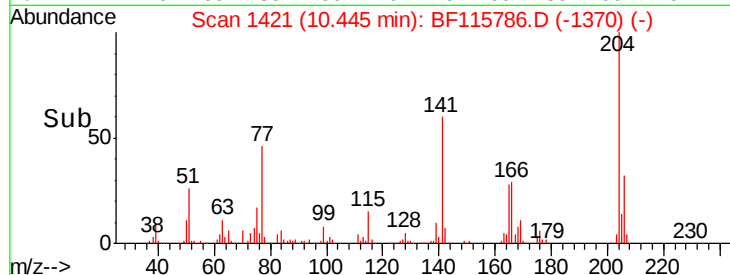
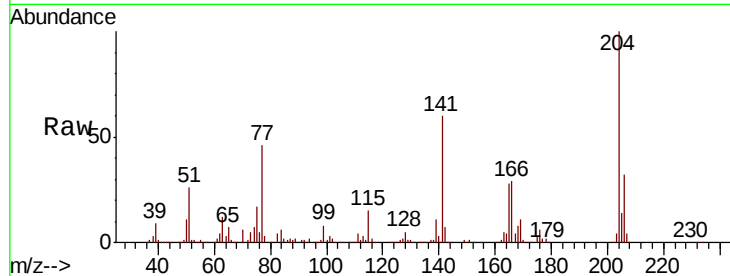
ClientSampleId :

PB121741BS

Tot Ion:	204	Resp:	463323
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	59.9	47.3	70.9

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#62

4-Nitroaniline

Concen: 37.330 ng

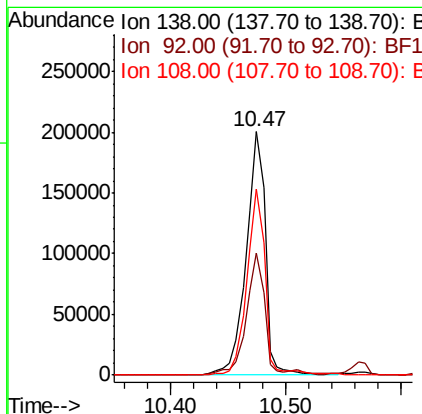
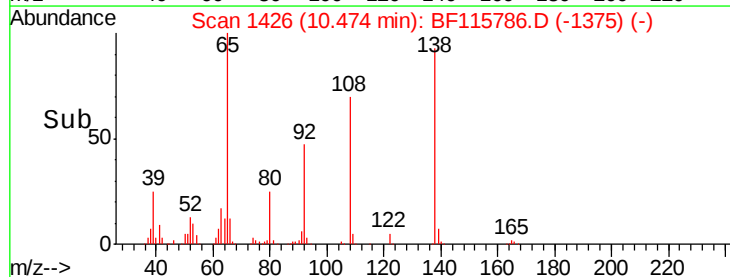
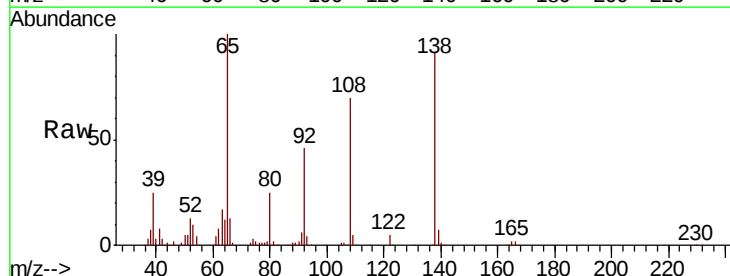
RT: 10.47 min Scan# 1426

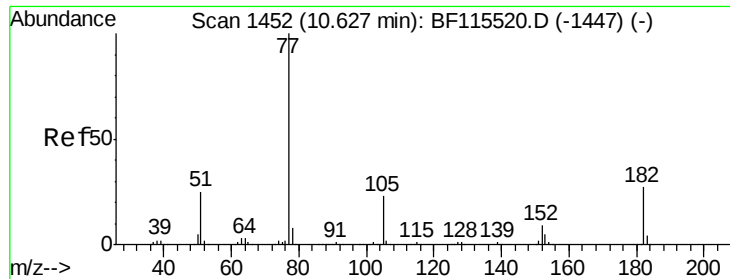
Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	138	Resp:	231640
Ion Ratio	Lower	Upper	
138	100		
92	50.3	30.3	70.3
108	76.2	55.0	95.0





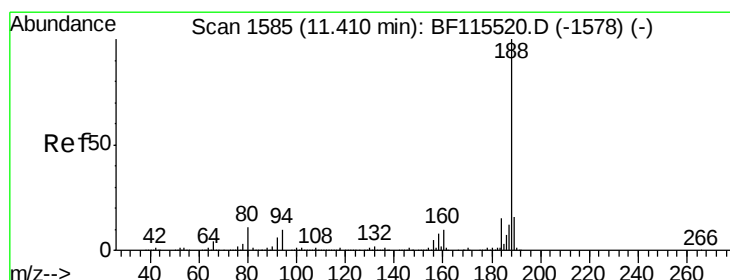
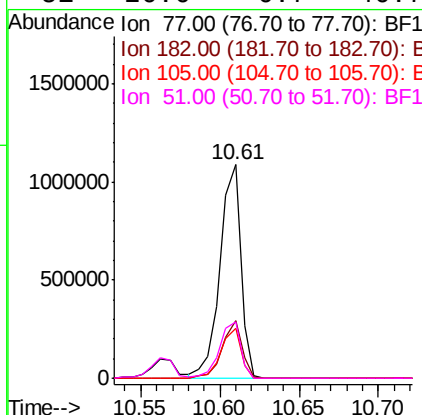
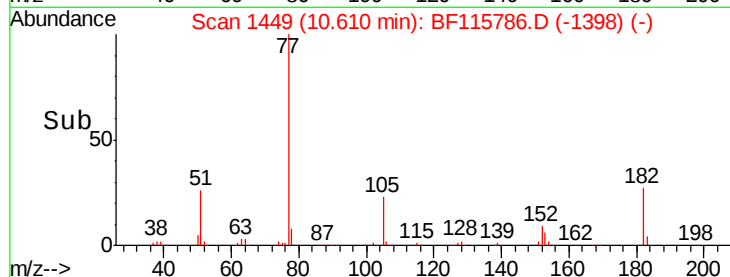
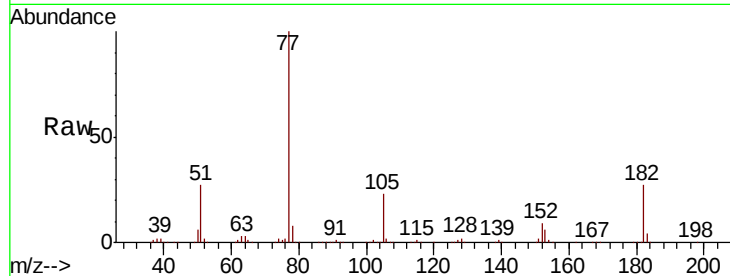
#63
Azobenzene
Concen: 44.136 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		999184		
182	26.7	6.9	46.9		
105	23.3	3.1	43.1		
51	26.6	6.7	46.7		

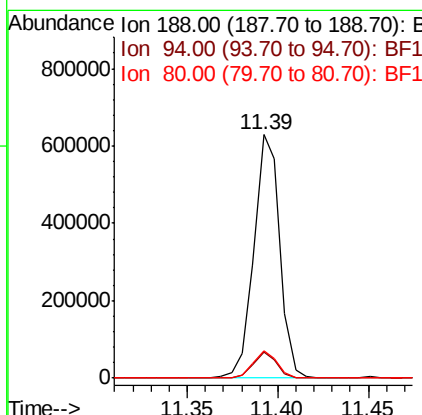
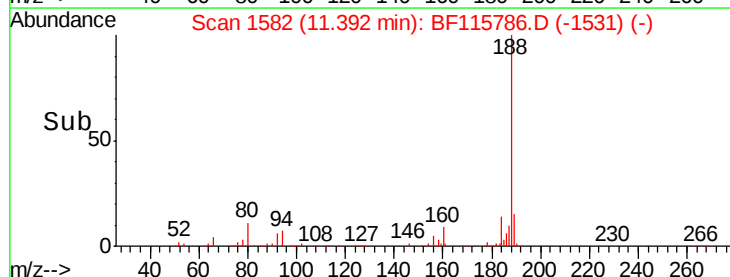
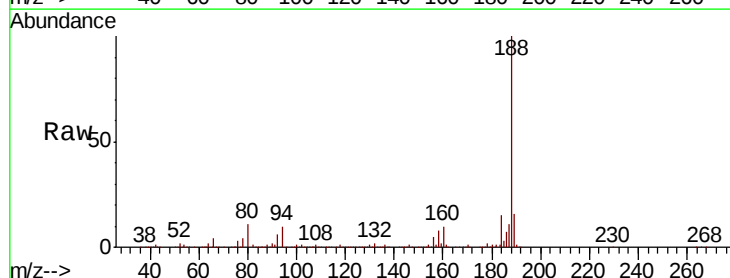
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		623603		
94	10.5	8.2	12.2		
80	11.1	9.0	13.6		





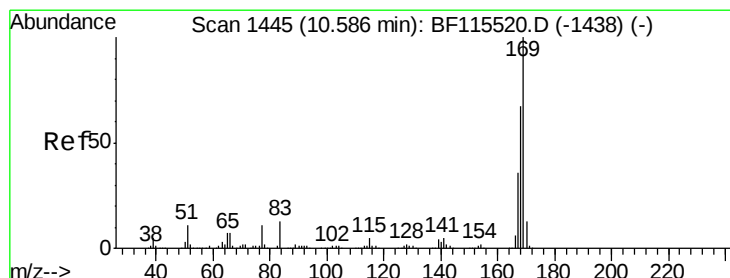
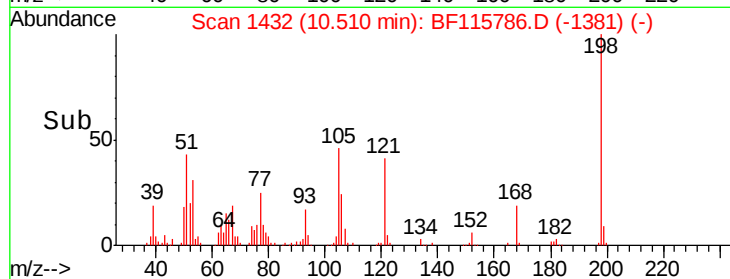
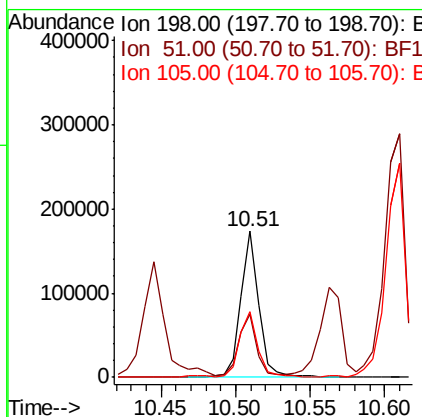
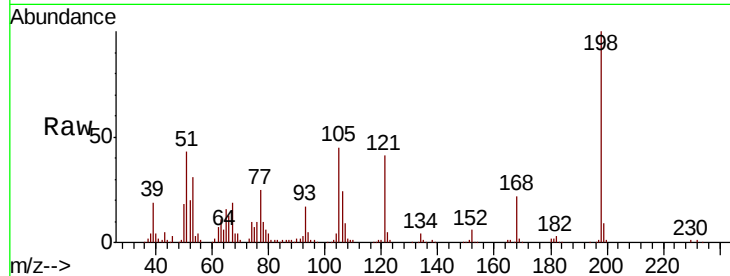
#65
4,6-Dinitro-2-methylphenol
Concen: 38.506 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	146707		
51	42.8	20.3	60.3	
105	45.3	24.7	64.7	

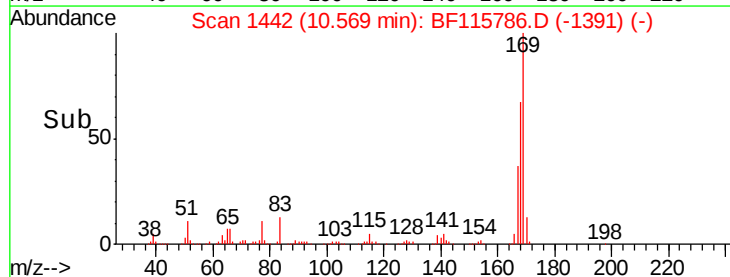
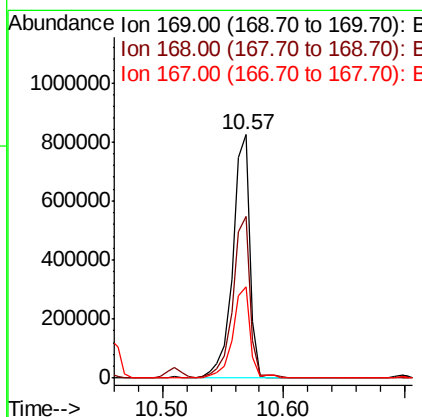
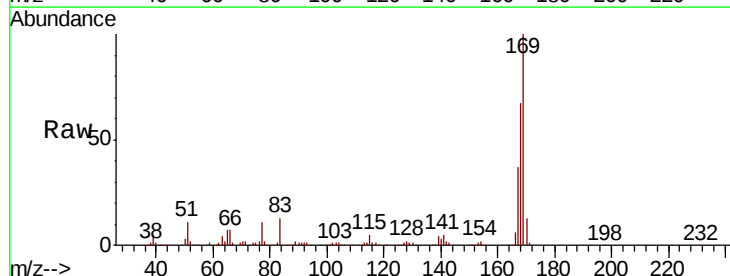
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#66
n-Nitrosodiphenylamine
Concen: 41.922 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	813208		
168	66.5	53.4	80.0	
167	37.3	29.1	43.7	





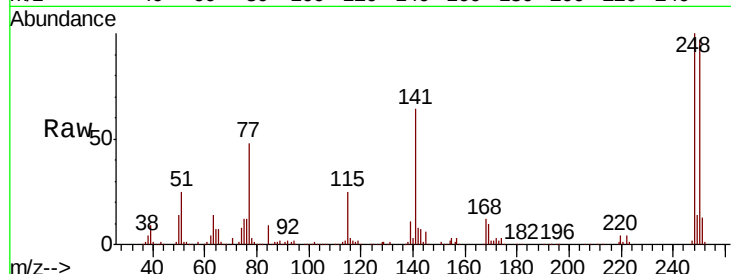
#67
4-Bromophenyl-phenylether
Concen: 40.273 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.4
141	63.9	52.1	78.1

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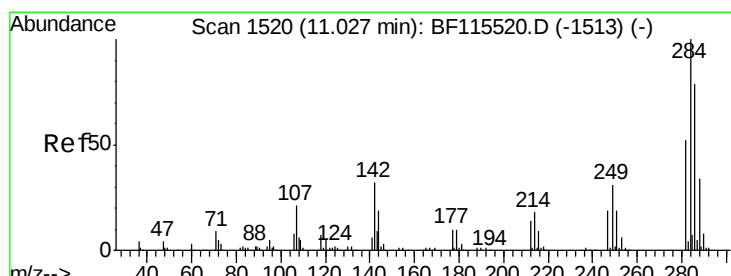
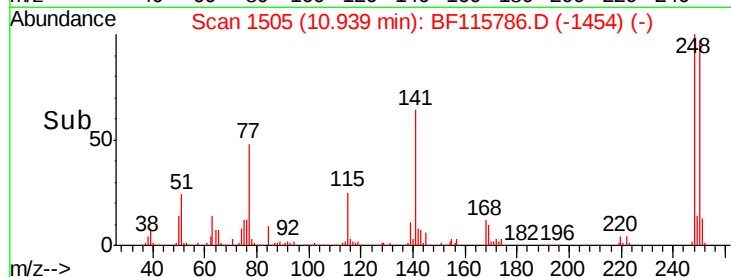
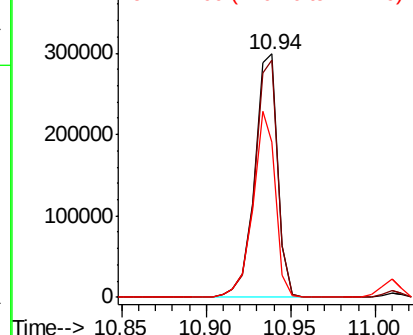


Abundance

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: 39.311 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

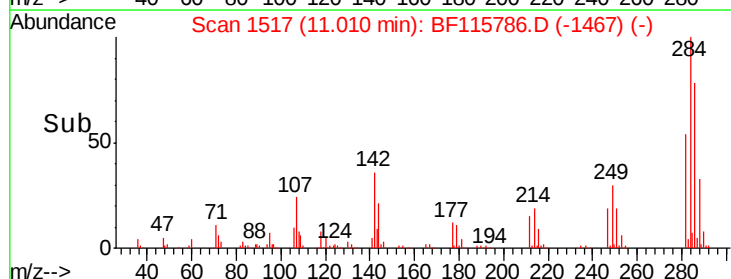
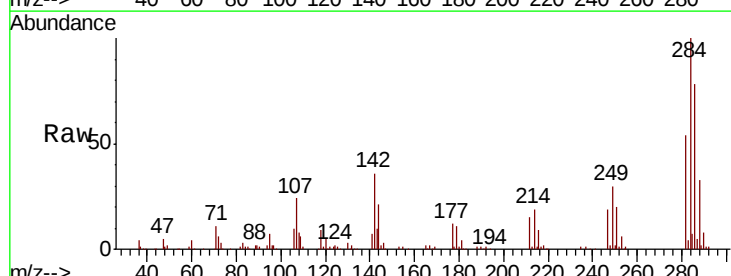
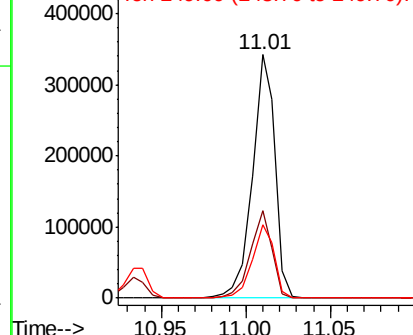
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	21.8	32.8#
249	30.2	23.1	34.7

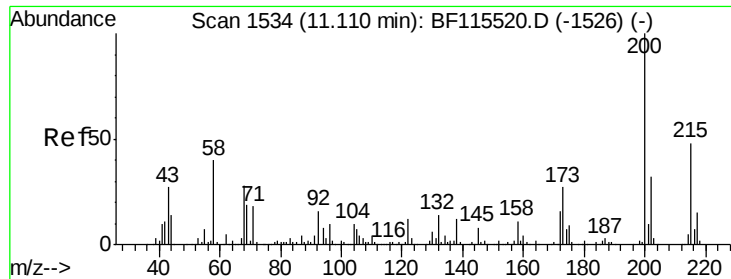
Abundance

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





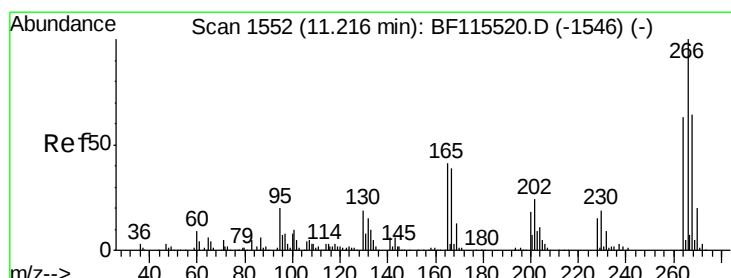
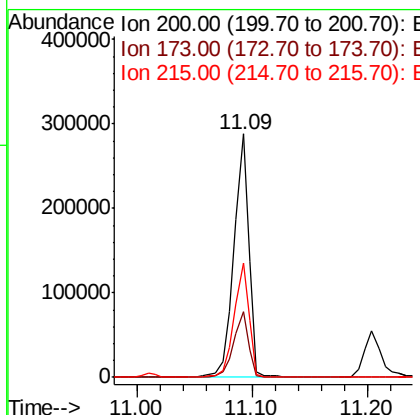
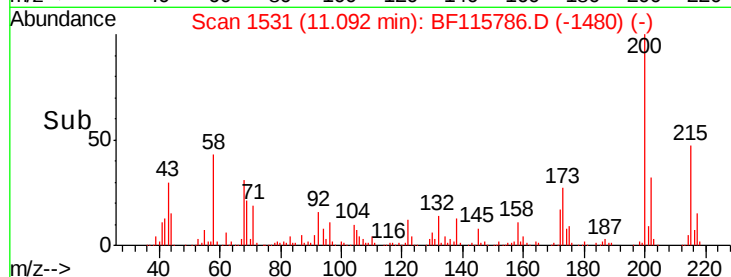
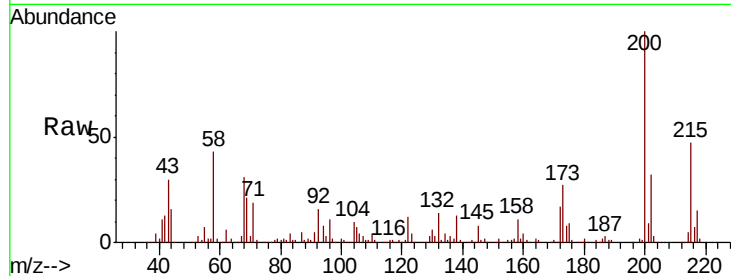
#69
Atrazine
Concen: 40.725 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	259161		
173	26.7	6.9	46.9	
215	46.9	26.6	66.6	

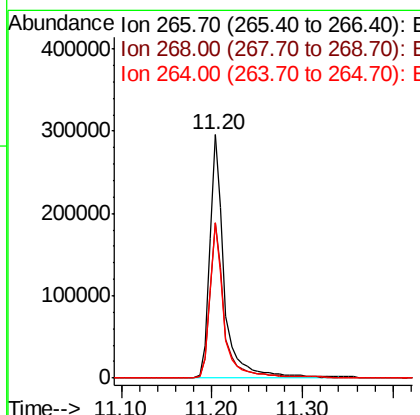
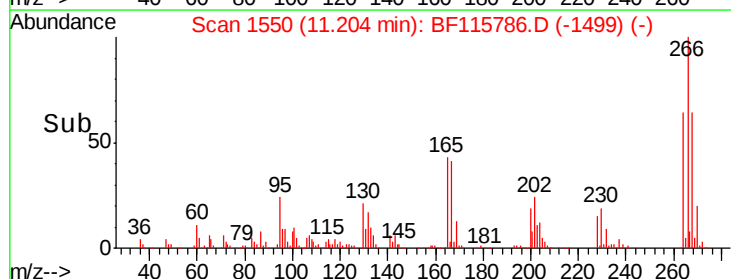
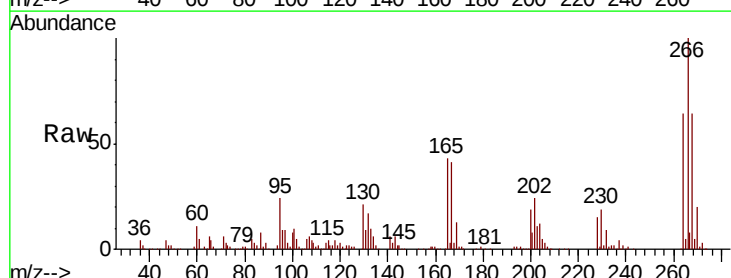
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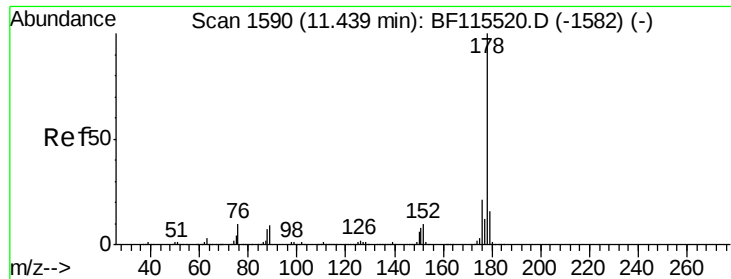
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#70
Pentachlorophenol
Concen: 67.619 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	336577		
268	63.7	51.2	76.8	
264	63.8	50.0	75.0	





#71

Phenanthrene

Concen: 40.620 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB121741BS

Tot Ion:178 Resp: 1298416

Ion Ratio Lower Upper

178 100

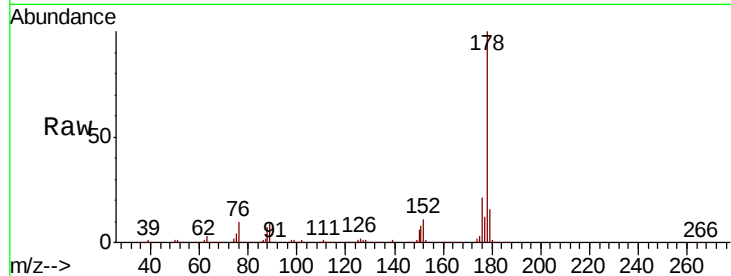
176 20.8 16.4 24.6

179 15.9 12.7 19.1

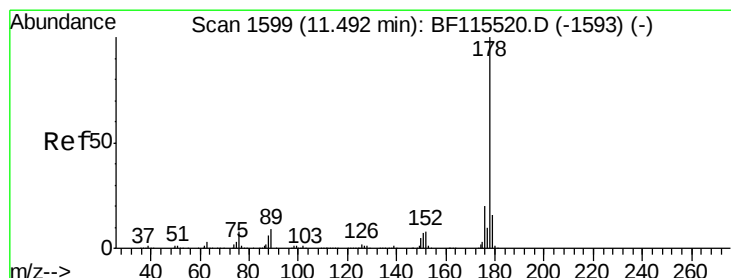
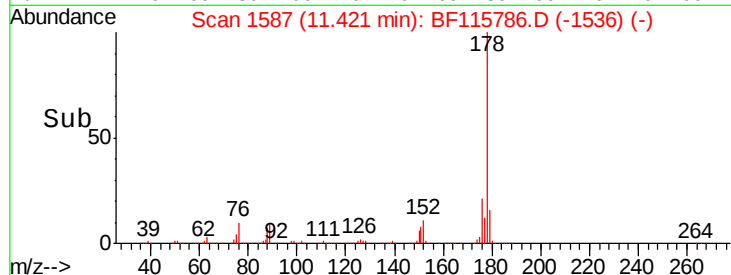
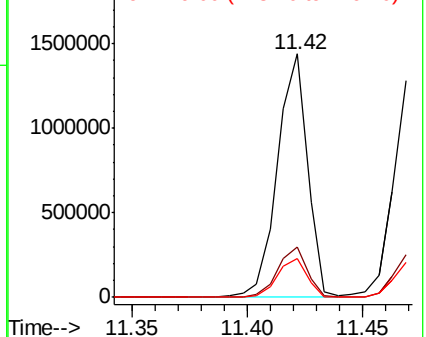
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.869 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

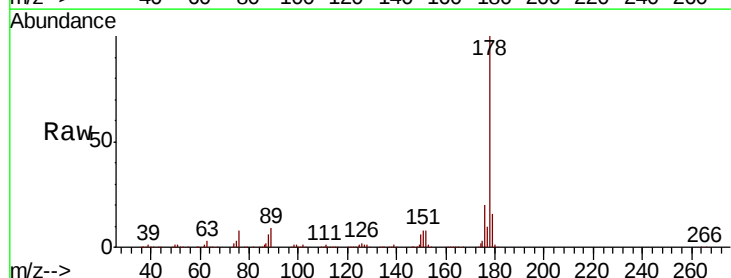
Tgt Ion:178 Resp: 1350094

Ion Ratio Lower Upper

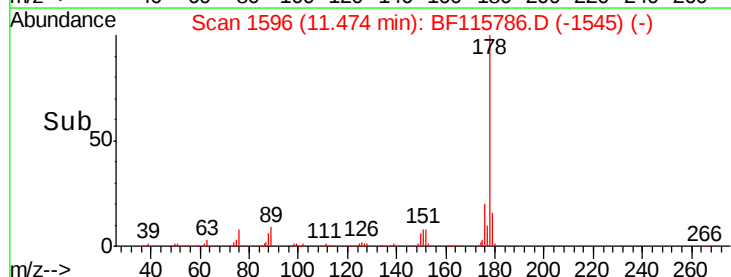
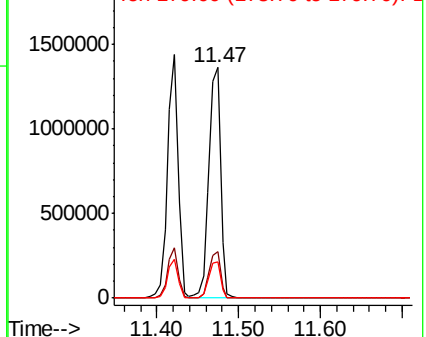
178 100

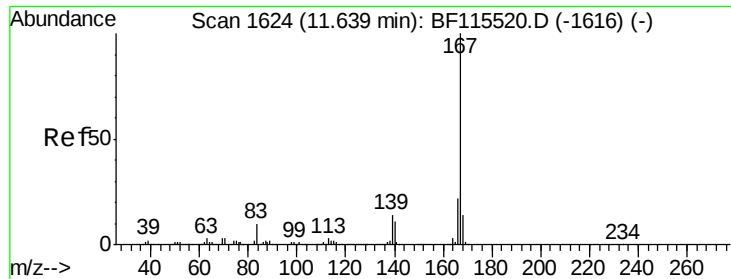
176 20.1 16.1 24.1

179 16.0 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





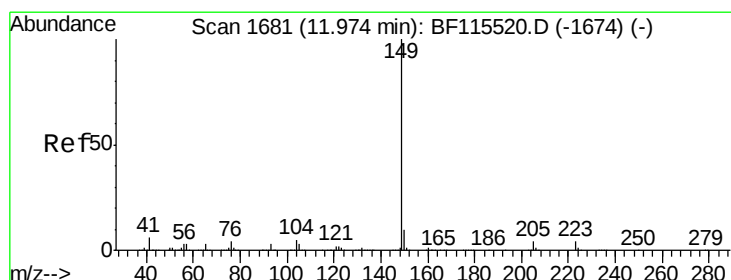
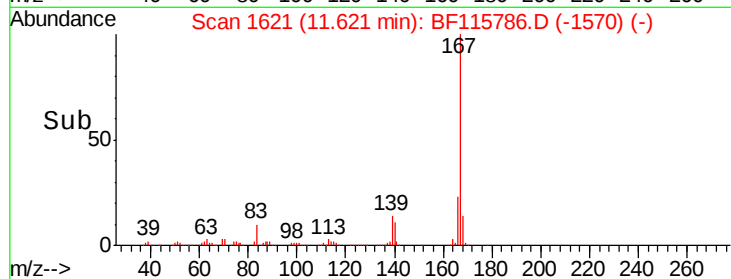
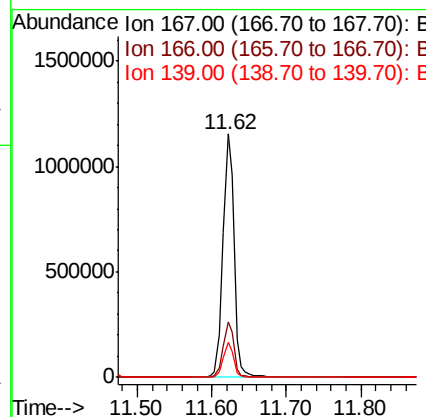
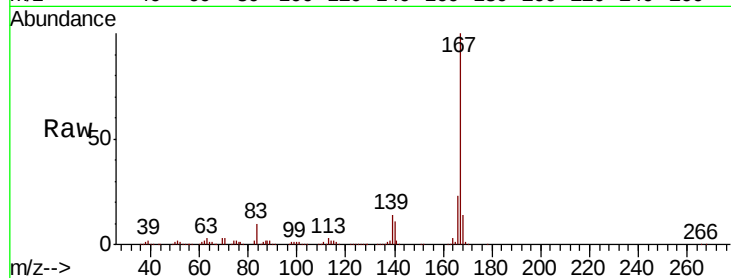
#73
 Carbazole
 Concen: 41.040 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.4	11.1	16.7

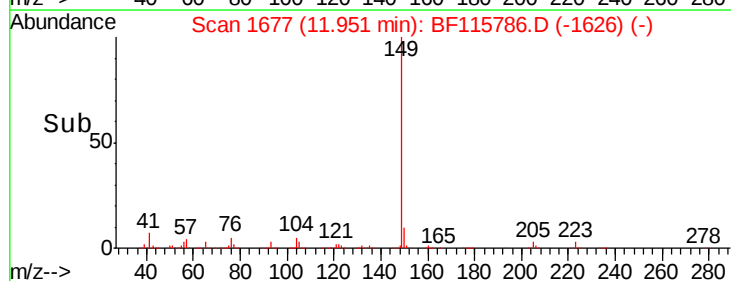
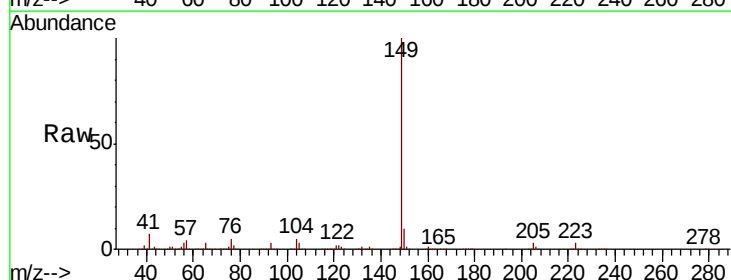
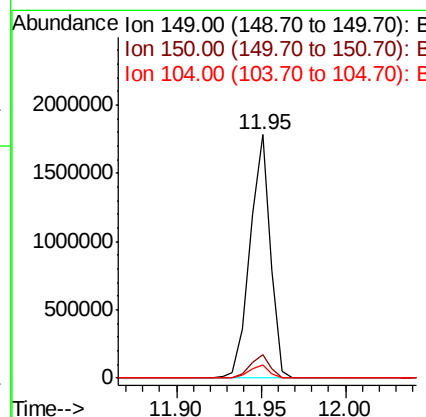
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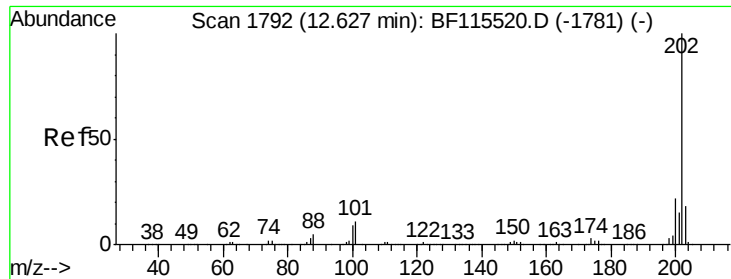
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#74
 Di-n-butylphthalate
 Concen: 42.161 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.4	4.3	6.5





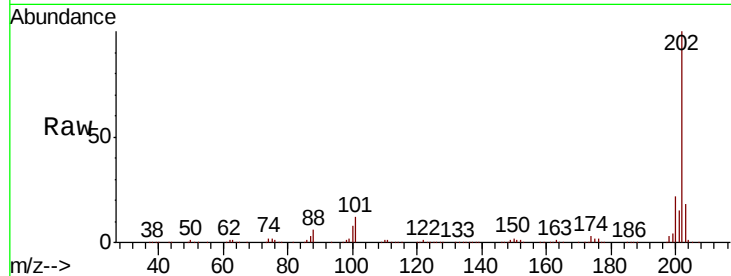
#75
Fluoranthene
Concen: 40.068 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.6
203	17.8	0.0	38.0

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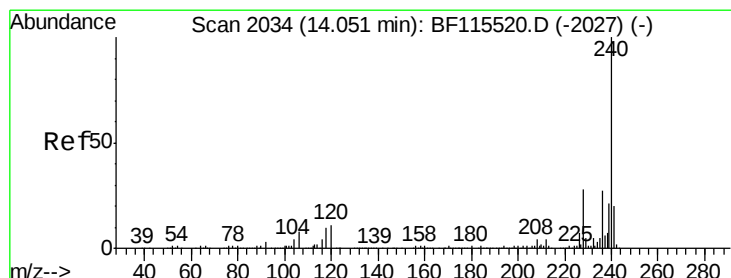
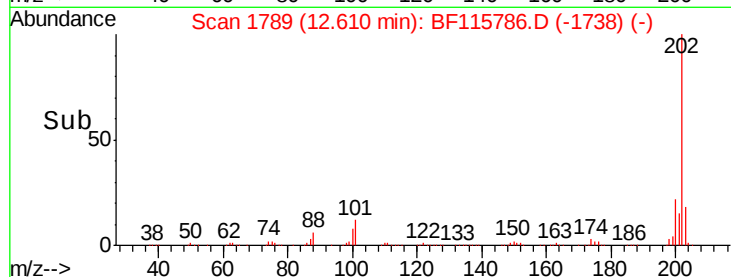
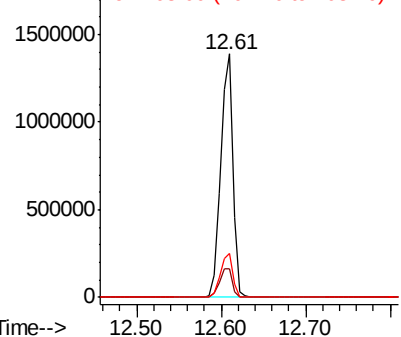


Abundance

Ion 202.00 (201.70 to 202.70): E

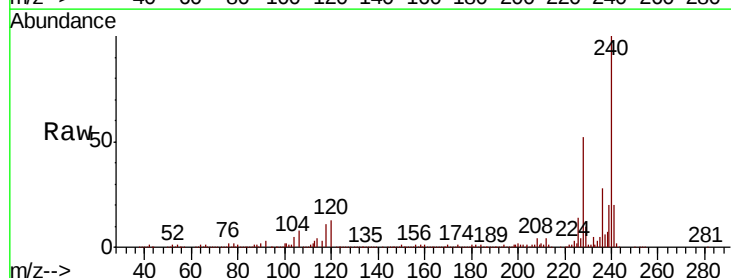
Ion 101.00 (100.70 to 101.70): E

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: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	27.8	21.8	32.6

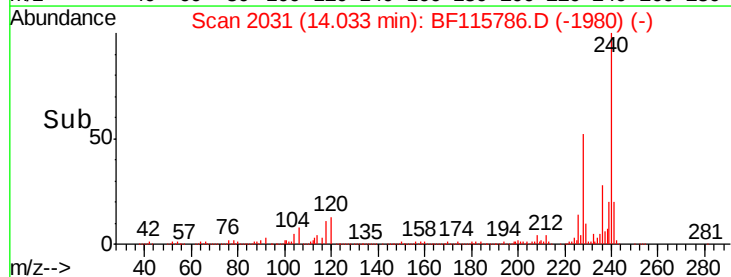
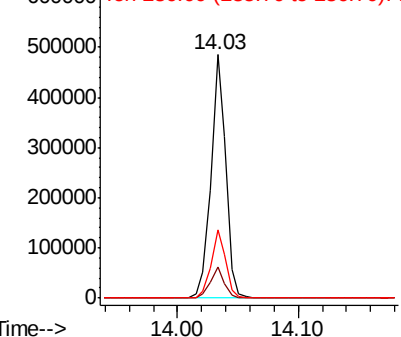


Abundance

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: 23.728 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

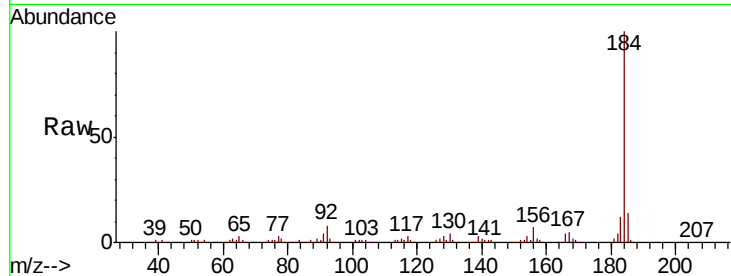
ClientSampleId :

PB121741BS

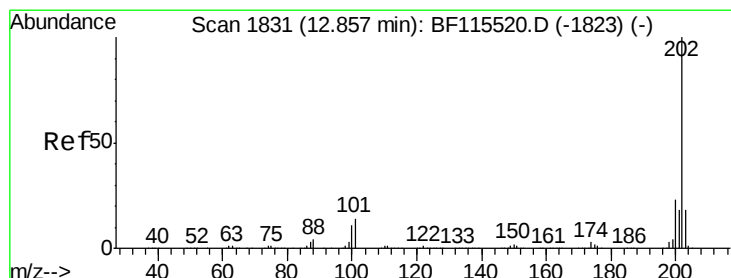
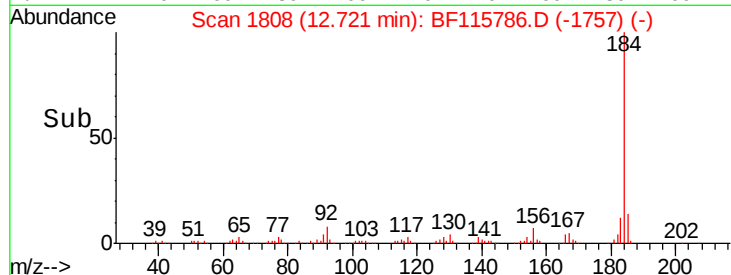
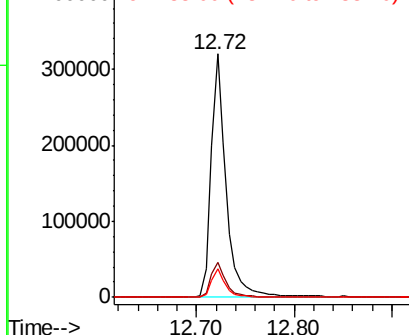
Tot Ion:	184	Resp:	343340
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.5	18.7
183	11.5	9.2	13.8

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



#78

Pyrene

Concen: 39.204 ng

RT: 12.84 min Scan# 1828

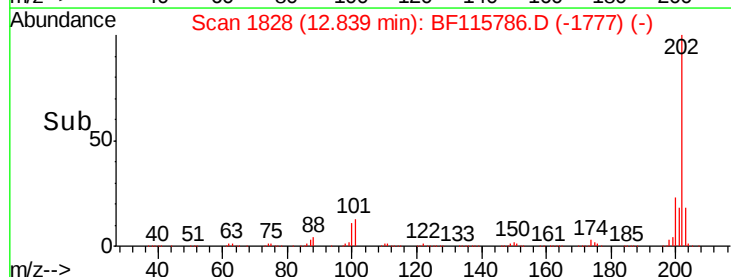
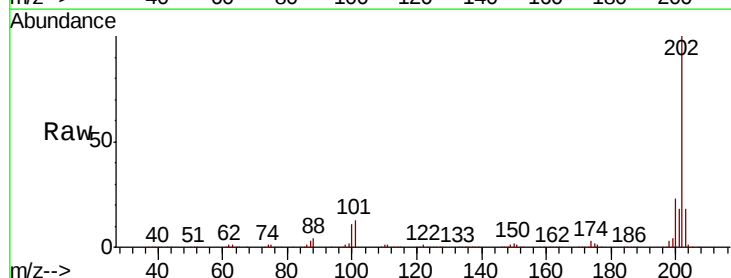
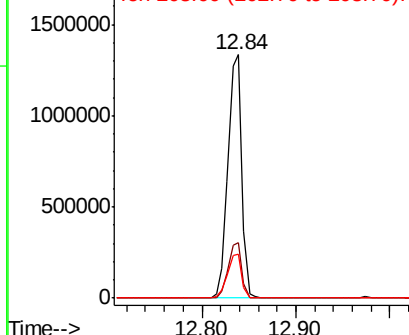
Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	202	Resp:	1356721
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.4
203	17.9	14.6	21.8

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





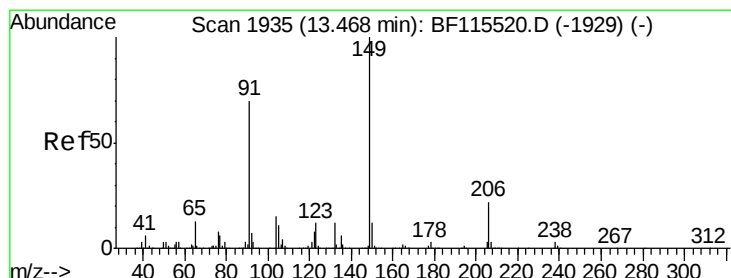
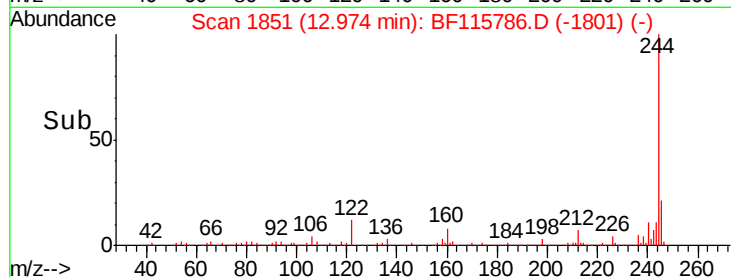
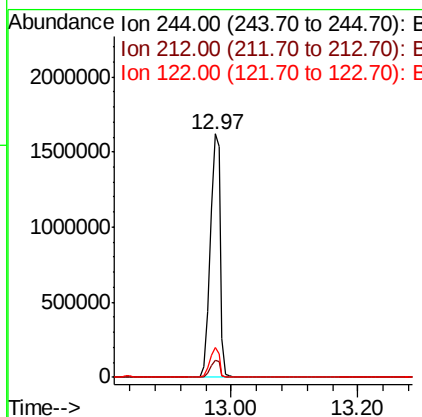
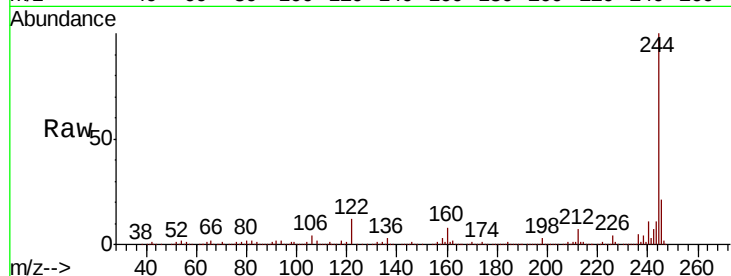
#79
 Terphenyl-d14
 Concen: 81.479 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BS

Tot Ion:244 Resp: 1803709
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 12.2 8.2 12.4

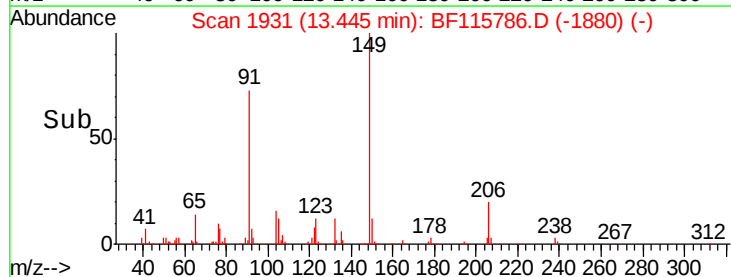
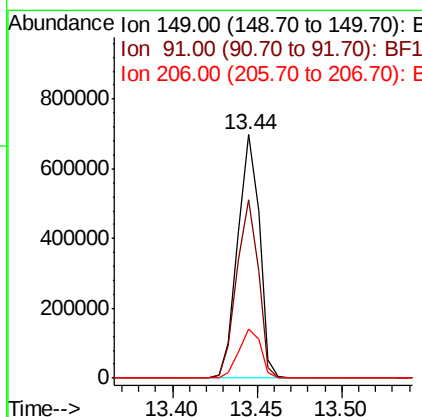
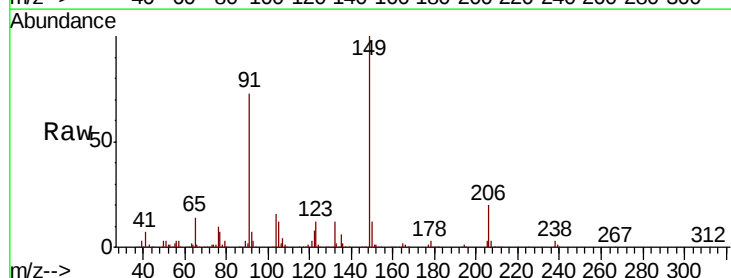
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#80
 Butylbenzylphthalate
 Concen: 42.345 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion:149 Resp: 624697
 Ion Ratio Lower Upper
 149 100
 91 73.4 59.8 89.8
 206 20.2 16.2 24.4





#81

Benzo(a)anthracene

Concen: 40.867 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB121741BS

Tot Ion:228 Resp: 1099723

Ion Ratio Lower Upper

228 100

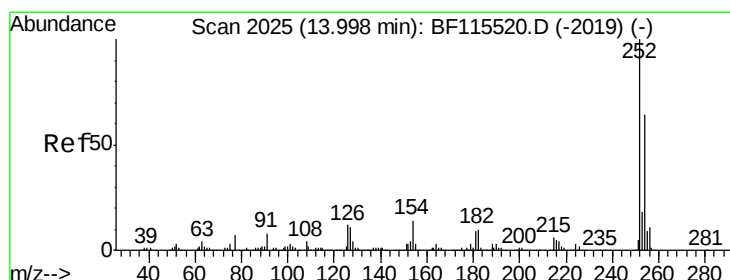
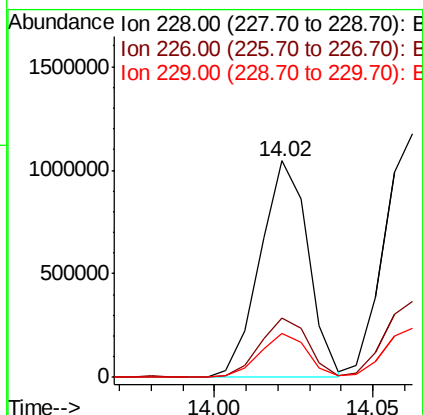
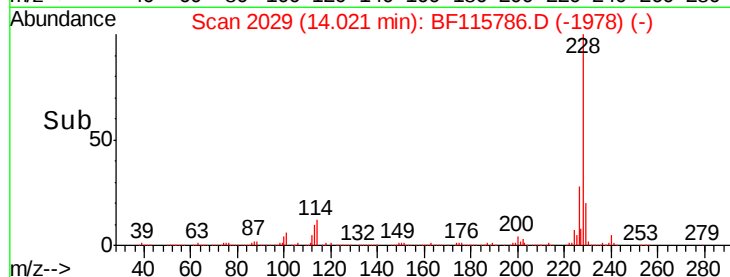
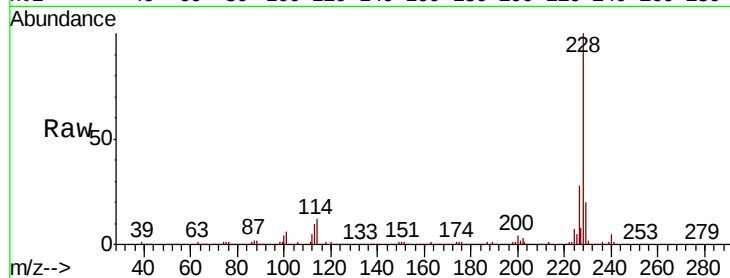
226 27.6 22.2 33.2

229 20.2 16.1 24.1

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#82

3,3'-Dichlorobenzidine

Concen: 32.992 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

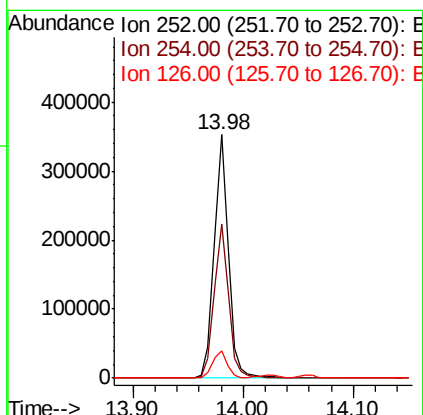
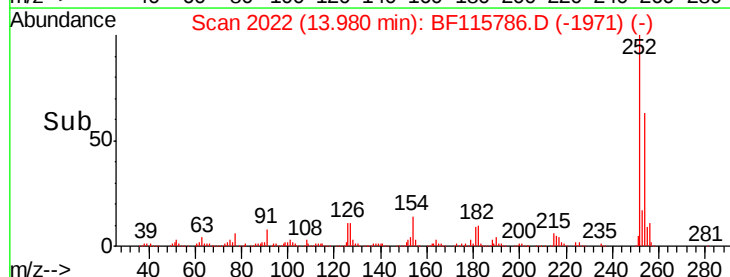
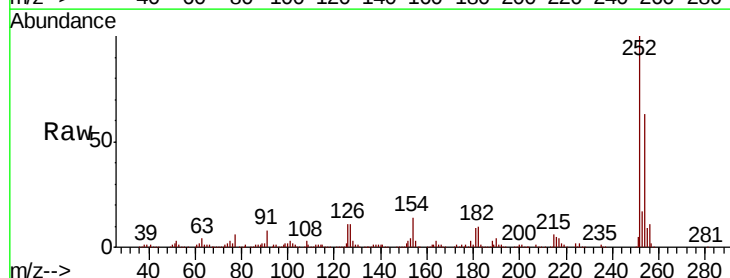
Tgt Ion:252 Resp: 315614

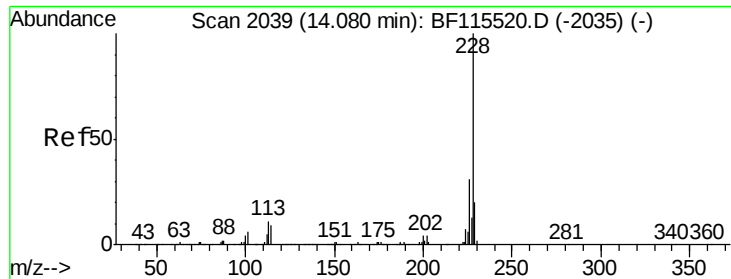
Ion Ratio Lower Upper

252 100

254 63.1 51.6 77.4

126 11.3 9.9 14.9





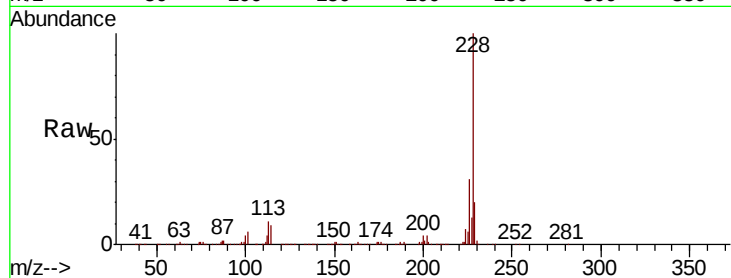
#83
Chrysene
Concen: 39.567 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	20.0	16.2	24.2

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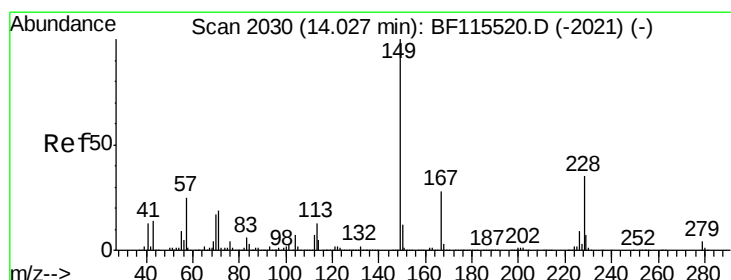
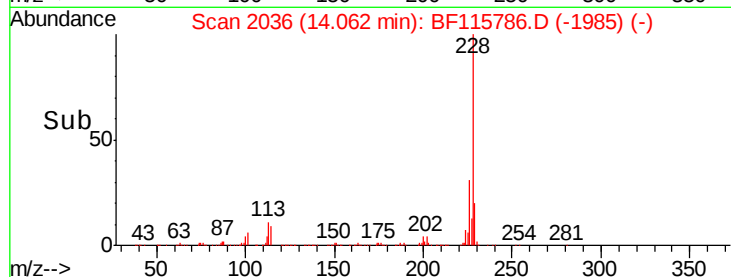
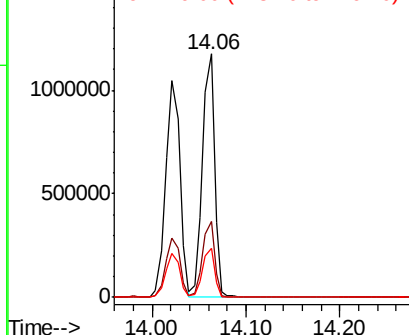


Abundance

Ion 228.00 (227.70 to 228.70): E

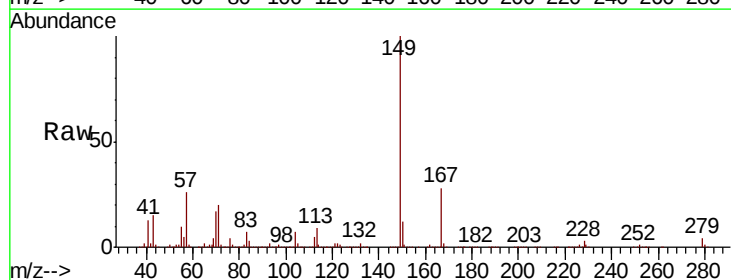
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.051 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.7	3.1	4.7

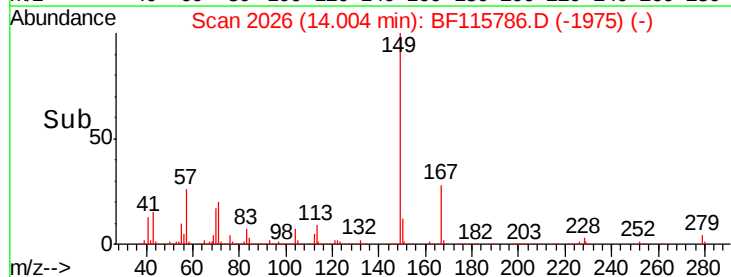
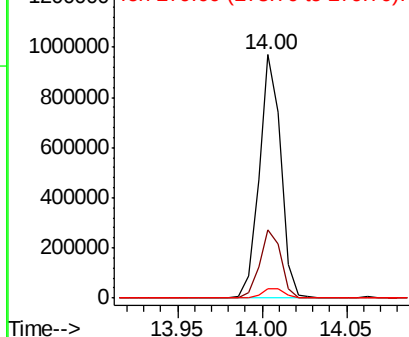


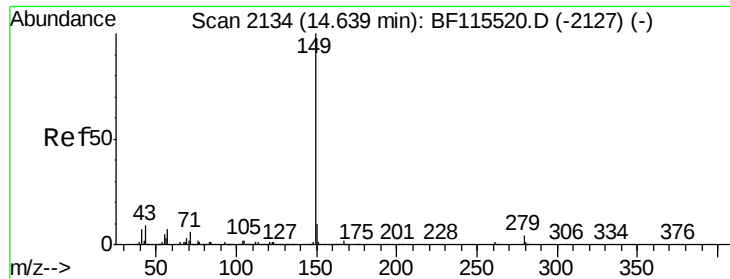
Abundance

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: 47.203 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

PB121741BS

Tot Ion:149 Resp: 1372439

Ion Ratio Lower Upper

149 100

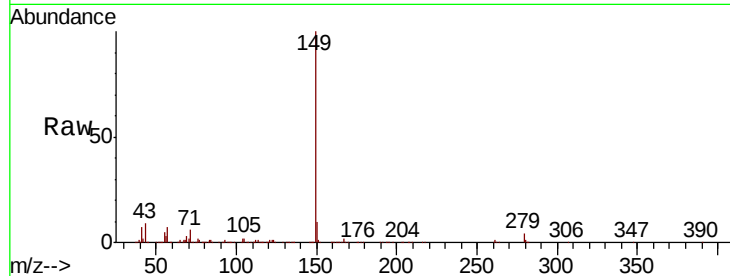
167 1.6 1.3 1.9

43 8.9 7.4 11.0

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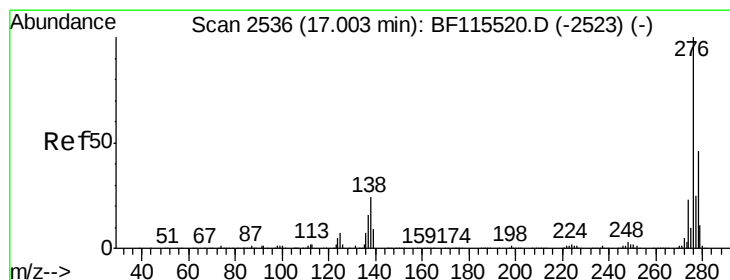
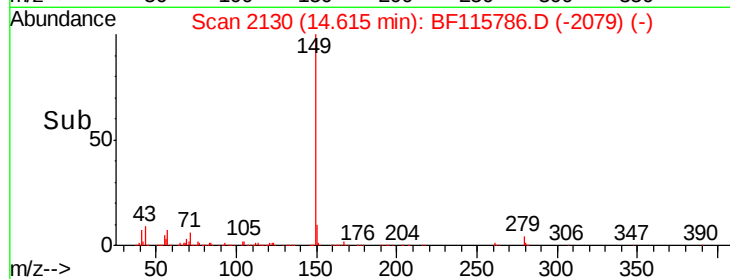
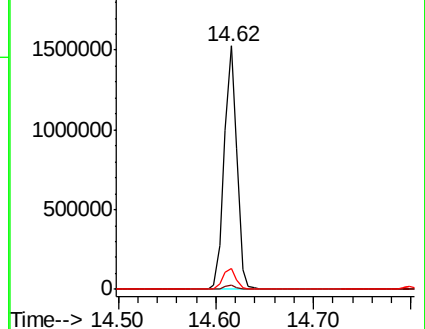
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.077 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

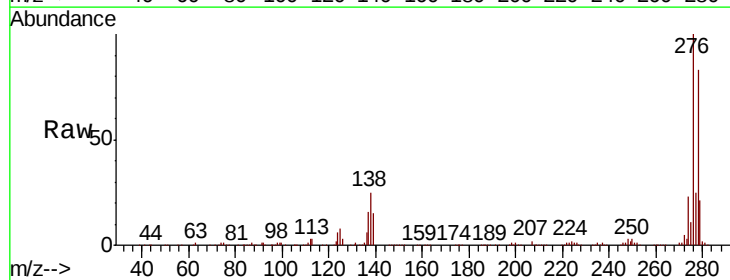
Tgt Ion:276 Resp: 850927

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

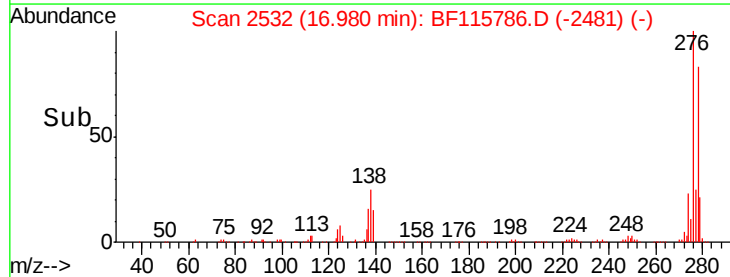
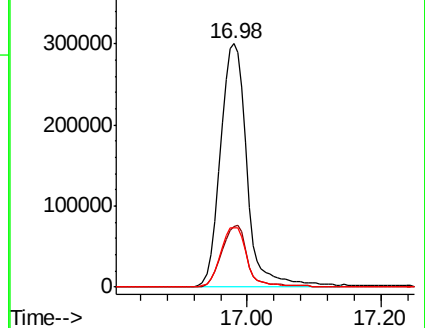
277 25.0 19.8 29.8

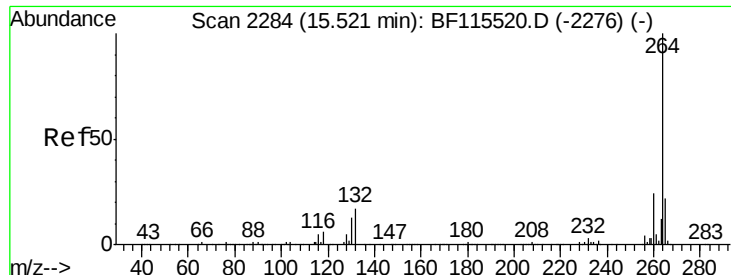


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

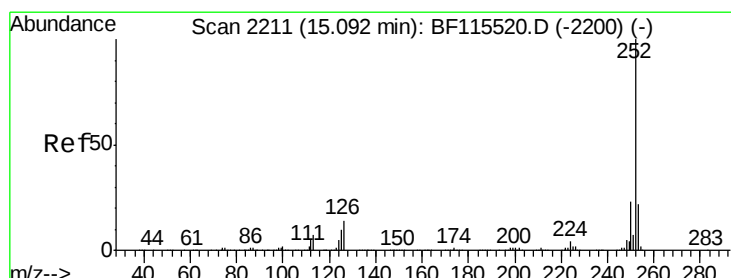
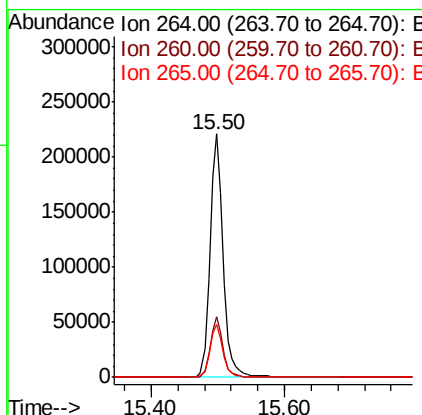
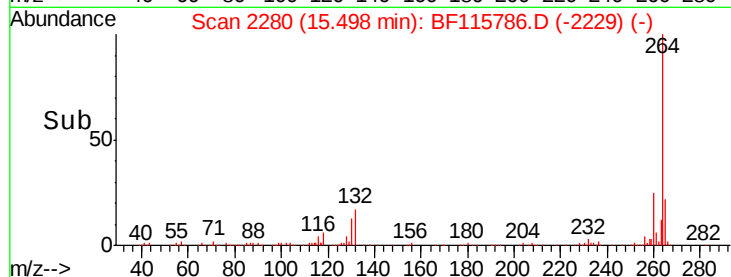
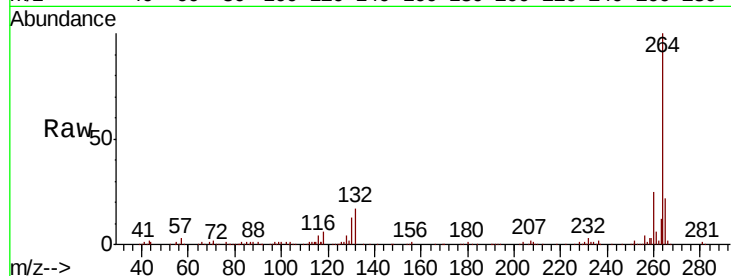
ClientSampleId :

PB121741BS

Tot Ion:	264	Resp:	303659
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.9	17.5	26.3

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#88

Benzo(b)fluoranthene

Concen: 48.645 ng

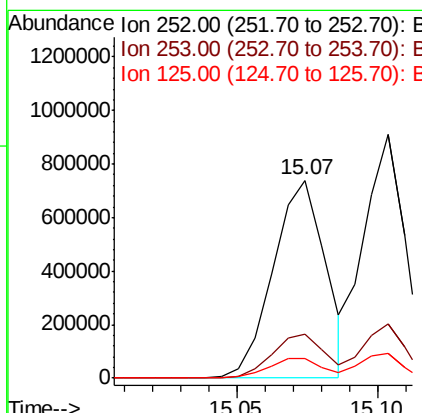
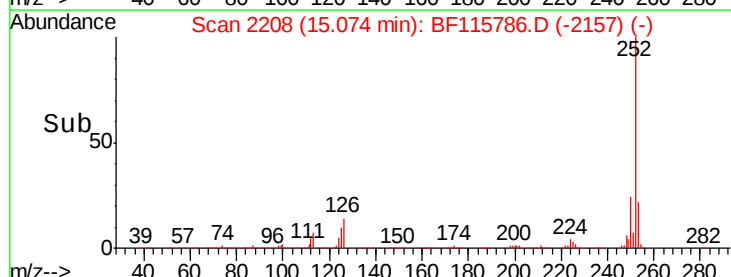
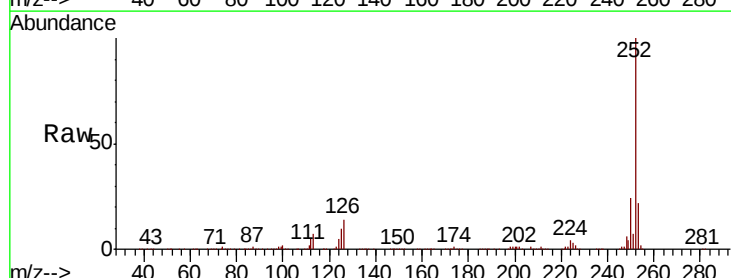
RT: 15.07 min Scan# 2208

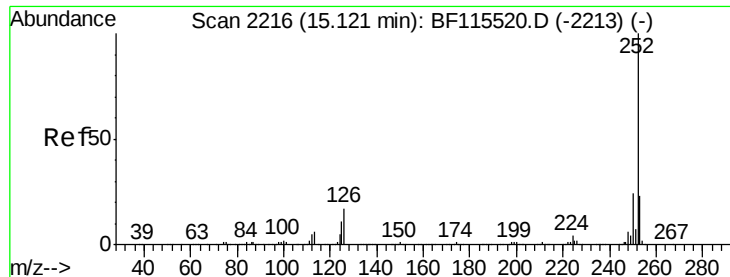
Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	252	Resp:	951171
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.9	8.4	12.6





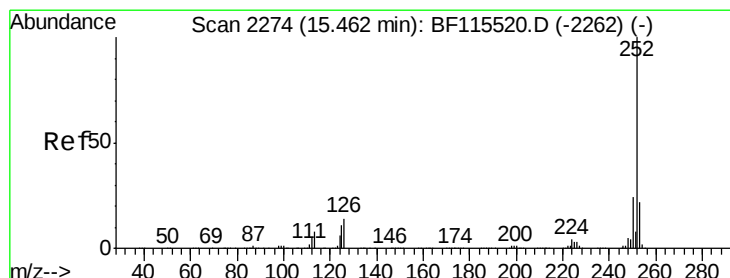
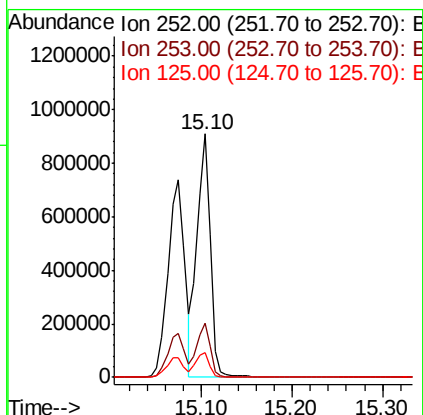
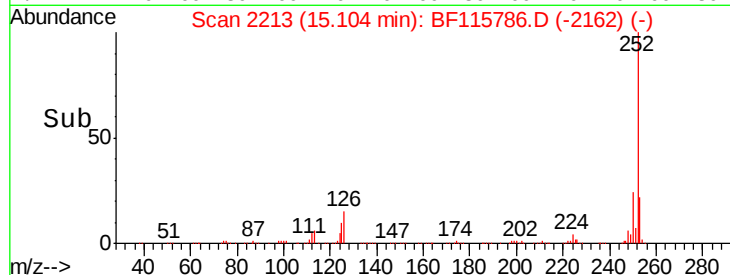
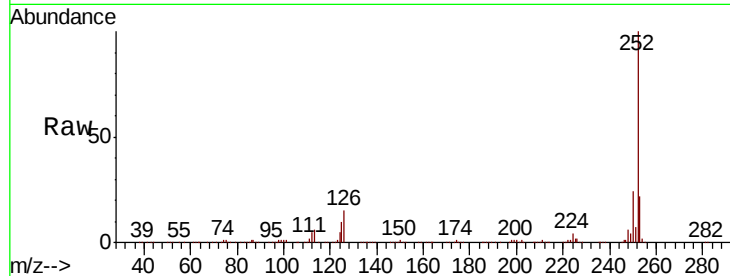
#89
Benzo(k)fluoranthene
Concen: 53.623 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.2	8.6	13.0

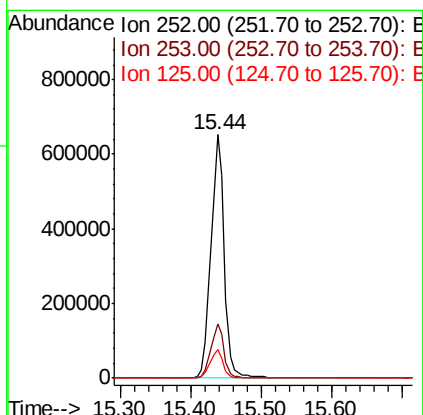
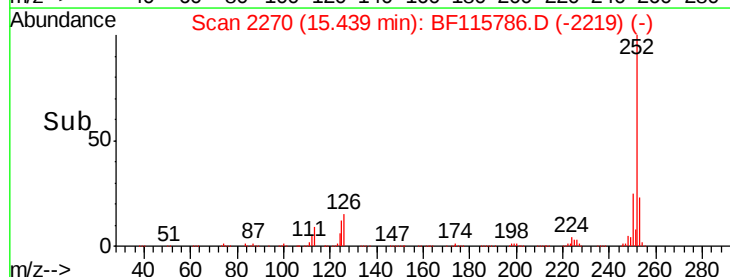
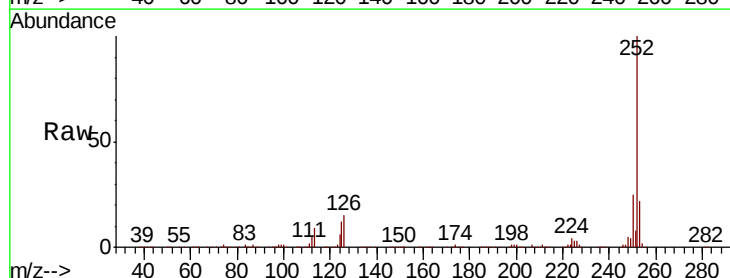
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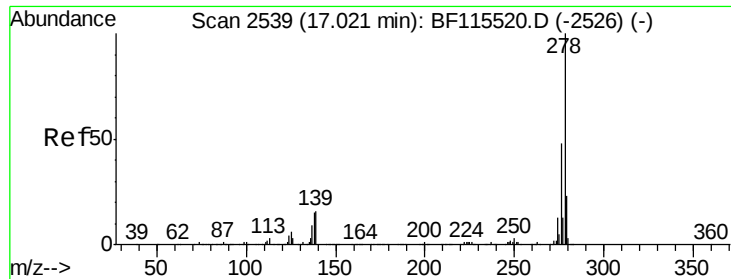
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#90
Benzo(a)pyrene
Concen: 50.988 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.8	9.4	14.2





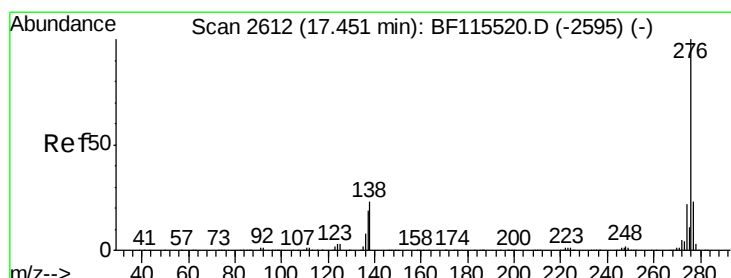
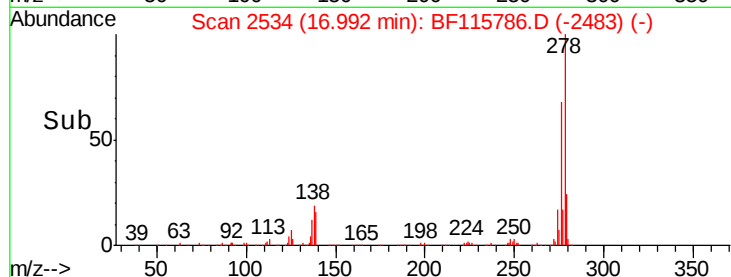
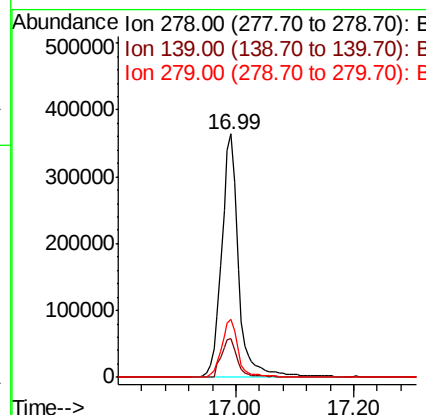
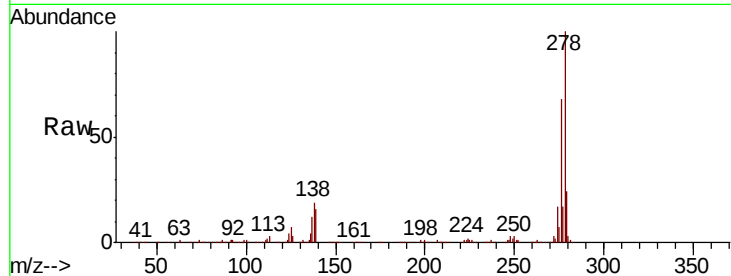
#91
Dibenzo(a,h)anthracene
Concen: 49.280 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :
PB121741BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.6	20.4
279	23.8	19.6	29.4

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#92
Benzo(g,h,i)perylene
Concen: 47.165 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.1	27.1
138	20.9	16.6	24.8

