

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116986.D
 Acq On : 12 Sep 2019 12:04
 Operator : HP/JU
 Sample : PB122992BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:59:20 AM

Quant Time: Sep 12 14:34:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85319	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	354302	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	181823	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	289816	20.00	ng	0.00
76) Chrysene-d12	13.97	240	183990	20.00	ng	0.00
87) Perylene-d12	15.42	264	157422	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	667633	126.77	ng	0.02
7) Phenol-d6	6.47	99	862038	124.66	ng	0.00
23) Nitrobenzene-d5	7.39	82	516889	83.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	187701	154.42	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	892796	82.83	ng	0.00
79) Terphenyl-d14	12.92	244	805192	80.96	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.68	88	111567	45.891	ng	98
3) Pyridine	3.42	79	262044	37.227	ng	99
4) n-Nitrosodimethylamine	3.37	42	105386	43.600	ng	93
6) Aniline	6.49	93	336349	35.117	ng	# 73
8) 2-Chlorophenol	6.62	128	289468	50.351	ng	99
9) Benzaldehyde	6.37	77	182869	40.138	ng	98
10) Phenol	6.48	94	366789	47.899	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	274132	45.976	ng	98
12) 1,3-Dichlorobenzene	6.77	146	303349	46.686	ng	99
13) 1,4-Dichlorobenzene	6.85	146	313617	48.481	ng	98
14) 1,2-Dichlorobenzene	7.00	146	287937	48.031	ng	98
15) Benzyl Alcohol	6.97	79	268947	47.911	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	264776	37.849	ng	99
17) 2-Methylphenol	7.09	107	243789	48.441	ng	97
18) Hexachloroethane	7.34	117	119641	47.604	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	209017	45.904	ng	99
20) 3+4-Methylphenols	7.23	107	302669	51.724	ng	97
22) Acetophenone	7.23	105	426579	50.010	ng	98
24) Nitrobenzene	7.41	77	322685	51.122	ng	98
25) Isophorone	7.65	82	582777	46.340	ng	99
26) 2-Nitrophenol	7.72	139	148532	63.293	ng	95
27) 2,4-Dimethylphenol	7.76	122	249930	52.734	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	347204	45.178	ng	99
29) 2,4-Dichlorophenol	7.97	162	236487	51.922	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	234065	47.380	ng	98
31) Naphthalene	8.13	128	814961	48.373	ng	99
32) Benzoic acid	7.90	122	145357	54.318	ng	99
33) 4-Chloroaniline	8.17	127	199179	25.972	ng	98
34) Hexachlorobutadiene	8.25	225	130281	48.366	ng	99
35) Caprolactam	8.55	113	73232m	42.962	ng	
36) 4-Chloro-3-methylphenol	8.66	107	276443	52.808	ng	95
37) 2-Methylnaphthalene	8.82	142	555911	49.593	ng	98
38) 1-Methylnaphthalene	8.92	142	509375	48.137	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	214162	49.135	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	232558	92.396	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	153417	51.347	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	164154	52.921	nq	95
46) 1,1'-Biphenyl	9.28	154	656065	47.552	nq	99
47) 2-Chloronaphthalene	9.31	162	513765	47.015	nq	99
48) 2-Nitroaniline	9.40	65	165042	52.241	nq	93
49) Acenaphthylene	9.72	152	809860	49.027	nq	99
50) Dimethylphthalate	9.58	163	590001	47.001	nq	100
51) 2,6-Dinitrotoluene	9.65	165	130967	54.683	nq	96
52) Acenaphthene	9.89	154	466495	45.962	nq	99
53) 3-Nitroaniline	9.81	138	101931	33.961	nq	98
54) 2,4-Dinitrophenol	9.92	184	96404	109.661	nq	# 91
55) Dibenzofuran	10.07	168	700906	48.987	nq	98
56) 4-Nitrophenol	9.98	139	208665	101.391	nq	94
57) 2,4-Dinitrotoluene	10.05	165	173240	59.156	nq	94
58) Fluorene	10.41	166	557208	51.110	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	127471	56.940	nq	99
60) Diethylphthalate	10.28	149	588656	46.814	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	239581	50.184	nq	98
62) 4-Nitroaniline	10.43	138	150081	51.525	nq	99
63) Azobenzene	10.56	77	618393	47.164	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	70954	63.607	nq	87
66) n-Nitrosodiphenylamine	10.52	169	488603	48.735	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	139226	47.289	nq	98
68) Hexachlorobenzene	10.96	284	147660	47.936	nq	97
69) Atrazine	11.04	200	134013	47.726	nq	99
70) Pentachlorophenol	11.15	266	162047	108.749	nq	98
71) Phenanthrene	11.37	178	778320	48.244	nq	100
72) Anthracene	11.42	178	805245	49.584	nq	99
73) Carbazole	11.57	167	744498	48.126	nq	99
74) Di-n-butylphthalate	11.90	149	897792	45.270	nq	99
75) Fluoranthene	12.55	202	772654	48.733	nq	99
77) Benzidine	12.67	184	348058	48.231	nq	99
78) Pyrene	12.78	202	775070	47.389	nq	99
80) Butylbenzylphthalate	13.39	149	355264	44.667	nq	98
81) Benzo(a)anthracene	13.96	228	572098	49.130	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	139404	35.425	nq	99
83) Chrysene	14.00	228	559694	46.653	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	457048	46.551	nq	99
85) Di-n-octyl phthalate	14.56	149	722784	44.985	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	438983	45.556	nq	99
88) Benzo(b)fluoranthene	15.00	252	462578	48.603	nq	100
89) Benzo(k)fluoranthene	15.03	252	434472	50.067	nq	99
90) Benzo(a)pyrene	15.36	252	419755	50.693	nq	# 96
91) Dibenzo(a,h)anthracene	16.87	278	359760	49.637	nq	99
92) Benzo(g,h,i)perylene	17.29	276	358137	48.450	nq	99

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

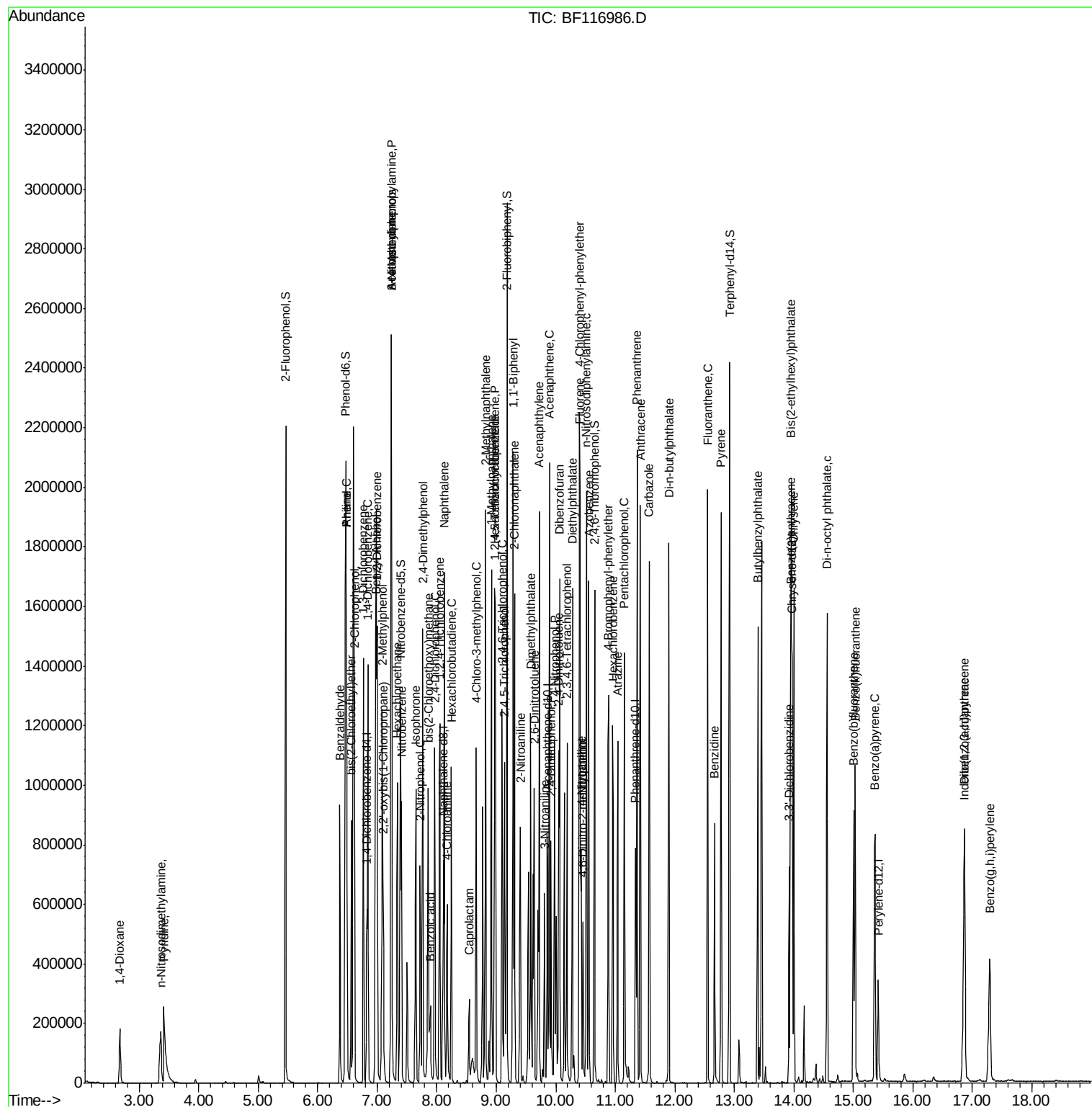
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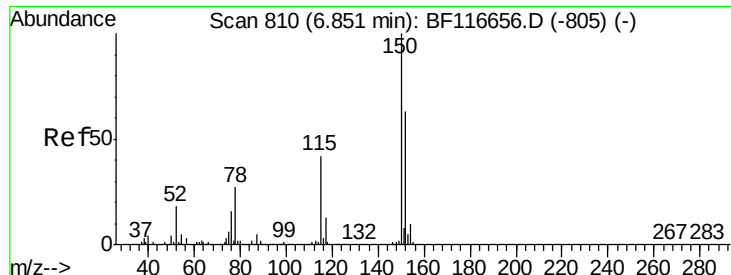
Instrument :
BNA_F
ClientSampleId :
PB122992BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

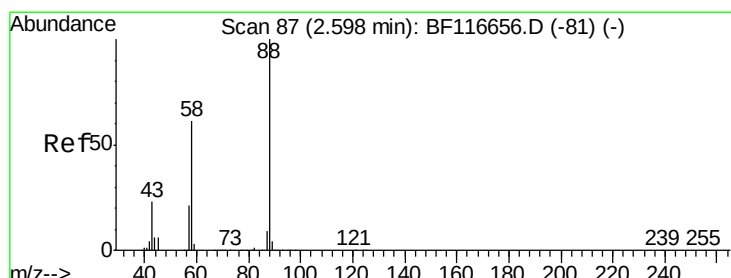
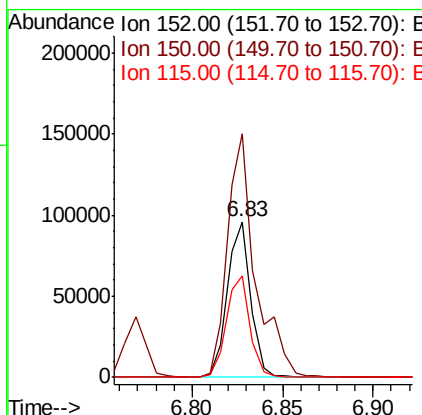
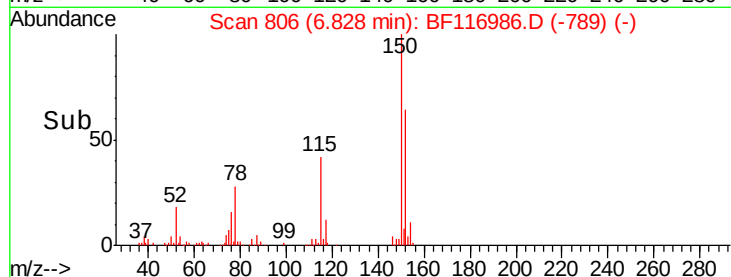
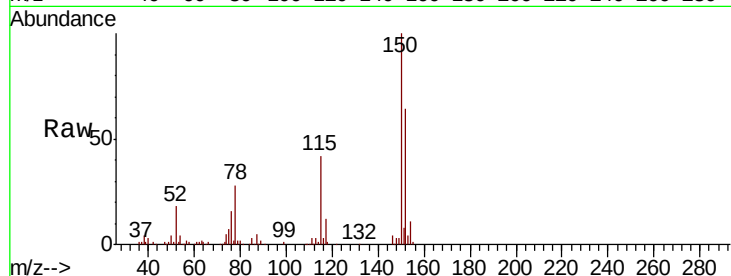
ClientSampleId :

PB122992BS

Tot Ion:	152	Resp:	85319
Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	65.3	50.2	75.2

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#2

1,4-Dioxane

Concen: 45.891 ng

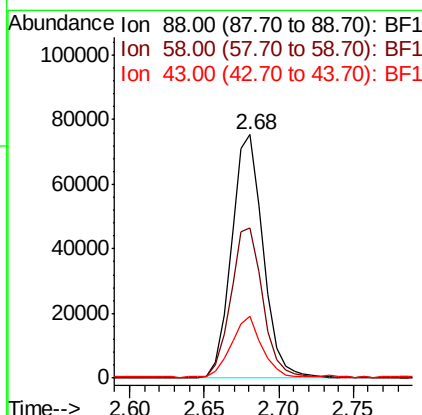
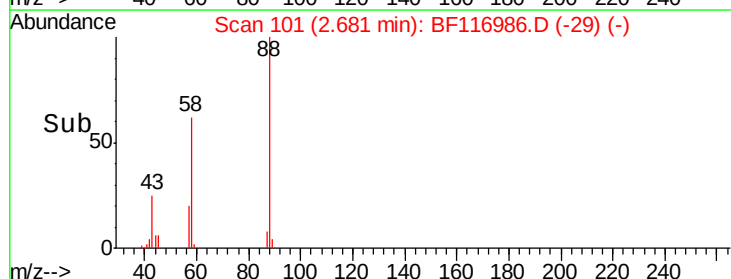
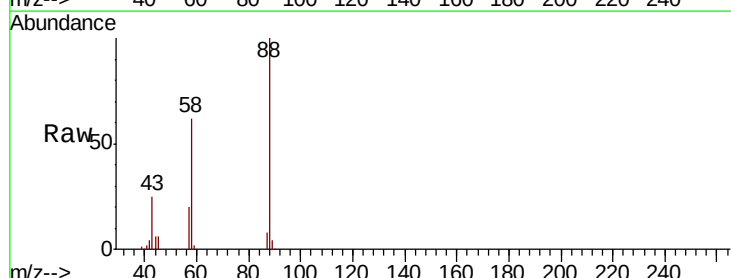
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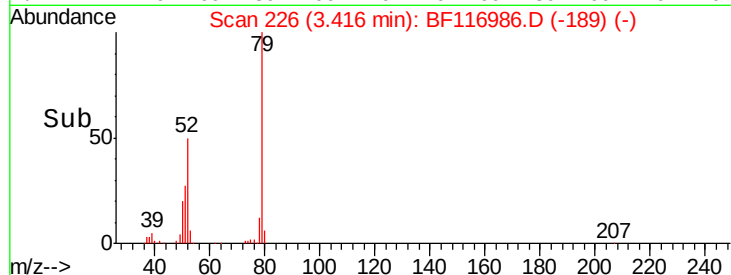
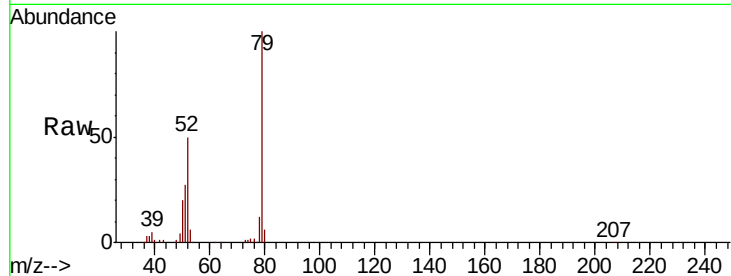
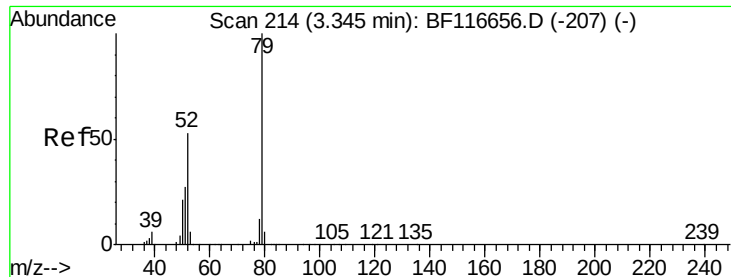
Delta R.T. 0.12 min

Lab File: BF116986.D

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Tgt Ion:	88	Resp:	111567
Ion	Ratio	Lower	Upper
88	100		
58	63.0	49.4	74.2
43	24.3	18.6	28.0





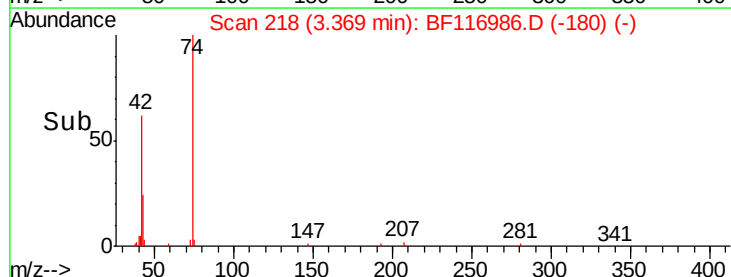
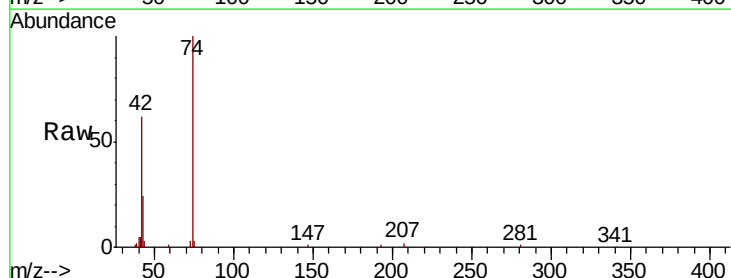
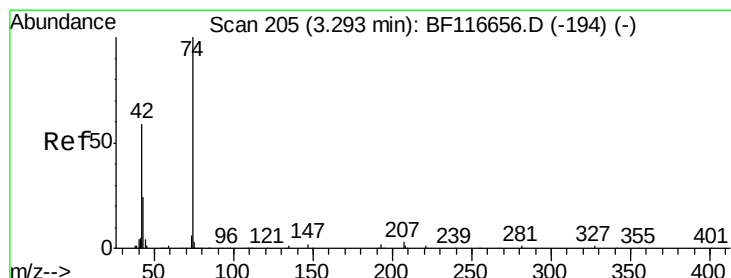
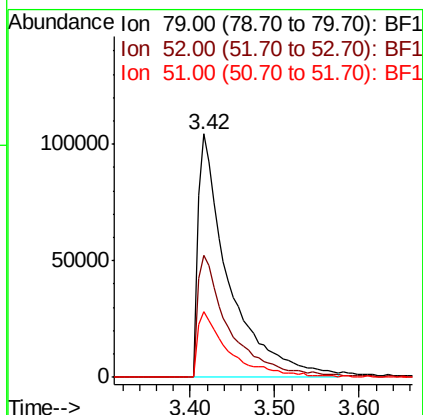
#3
Pvridine
Concen: 37.227 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.12 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100	262044		
52	50.2		40.5	60.7
51	26.9		22.3	33.5

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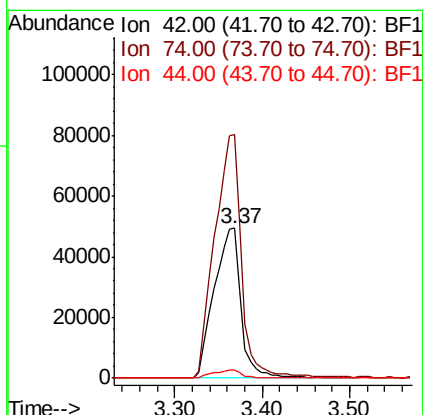
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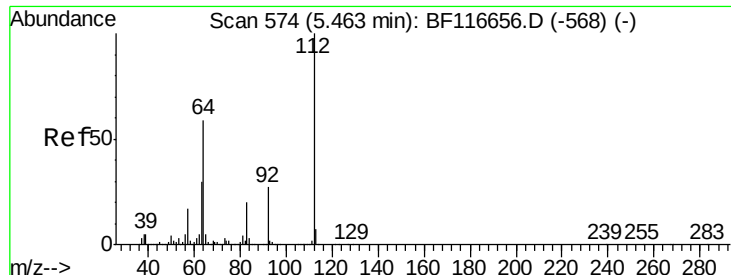
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#4
n-Nitrosodimethylamine
Concen: 43.600 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.12 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	105386		
74	162.5		137.6	206.4
44	5.6		4.4	6.6





#5

2-Fluorophenol

Concen: 126.772 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

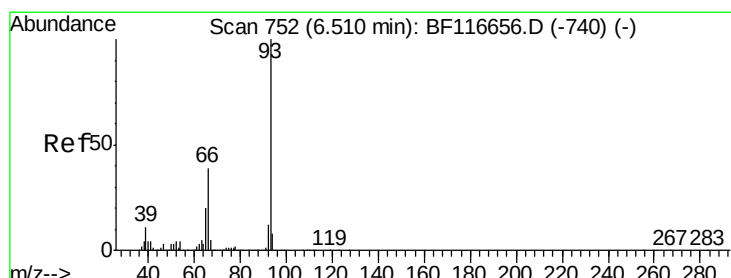
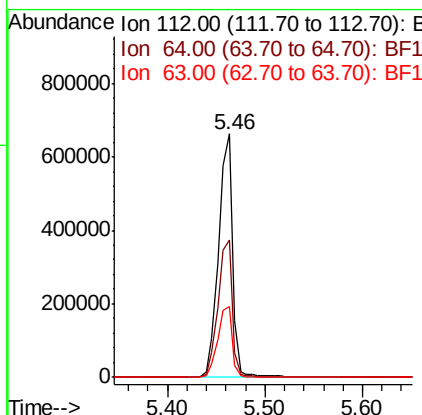
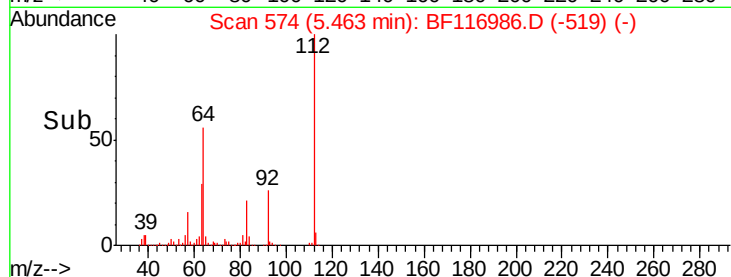
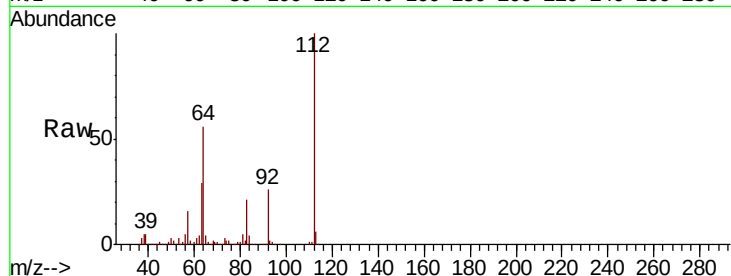
ClientSampleId :

PB122992BS

Tot Ion:	112	Resp:	667633
Ion Ratio	Lower	Upper	
112	100		
64	56.3	47.1	70.7
63	29.0	25.4	38.0

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#6

Aniline

Concen: 35.117 ng

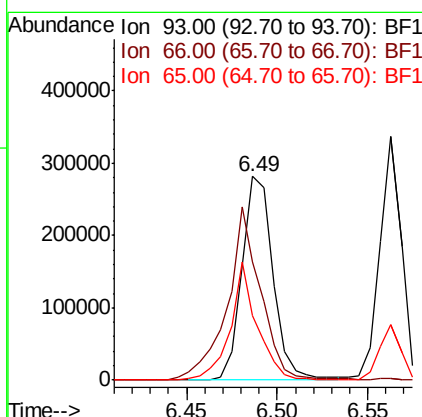
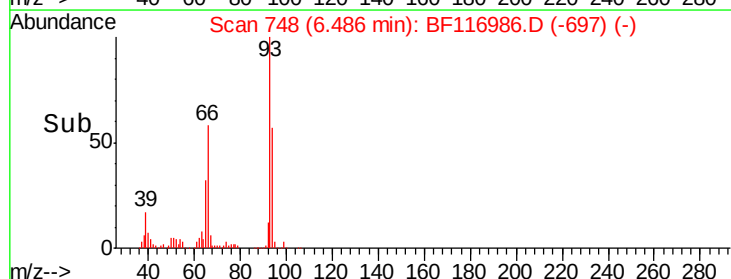
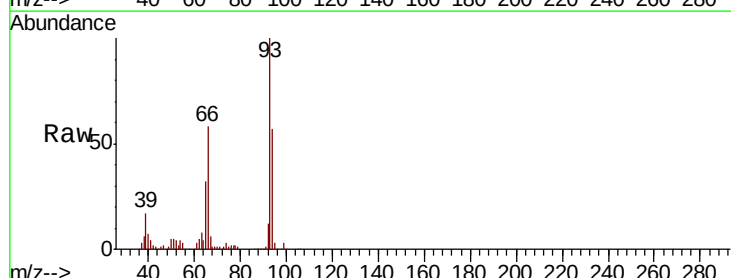
RT: 6.49 min Scan# 748

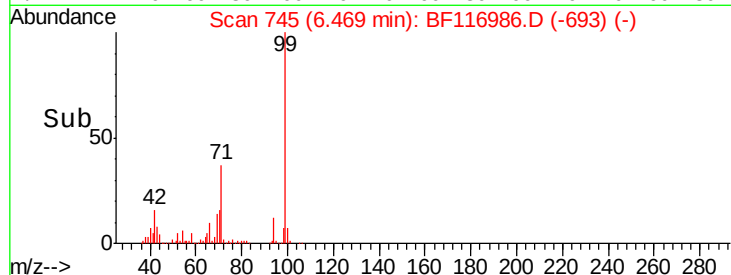
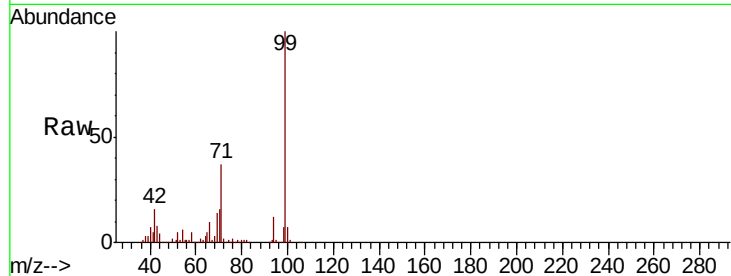
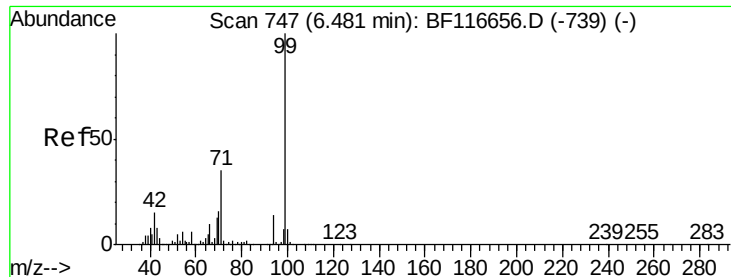
Delta R.T. -0.00 min

Lab File: BF116986.D

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Tgt Ion:	93	Resp:	336349
Ion Ratio	Lower	Upper	
93	100		
66	58.1	32.3	48.5#
65	31.8	16.2	24.2#





#7

Phenol-d6

Concen: 124.655 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tot Ion:	99	Resp:	862038
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.0	18.0
71	37.1	29.7	44.5

Instrument :

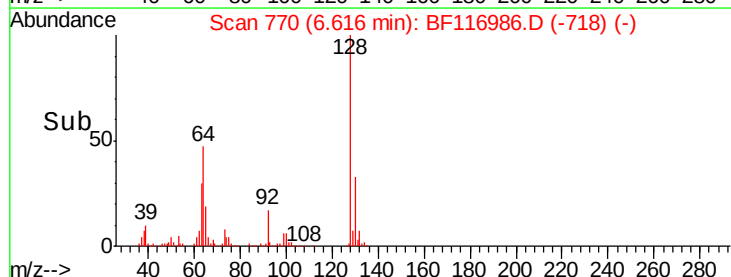
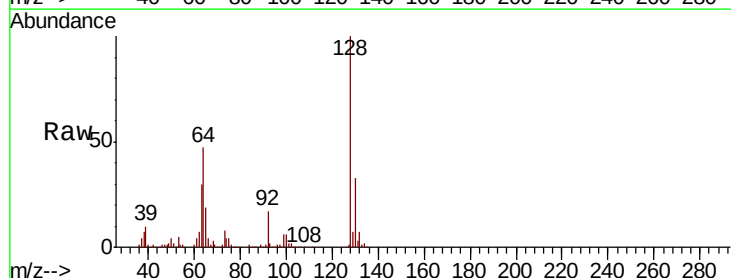
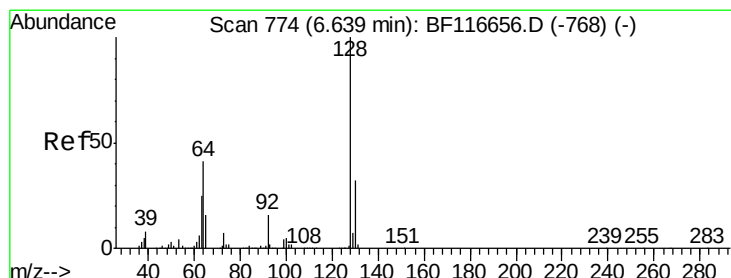
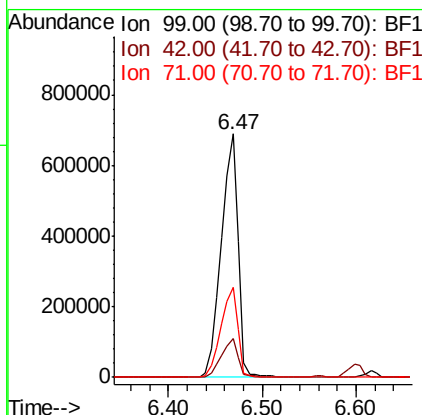
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#8

2-Chlorophenol

Concen: 50.351 ng

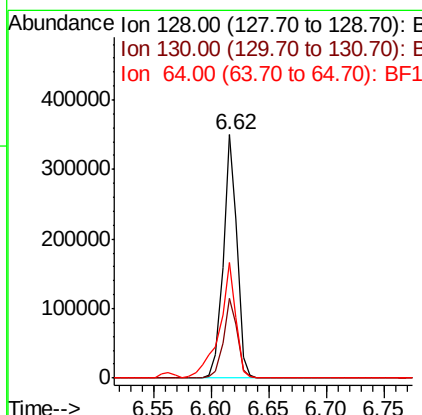
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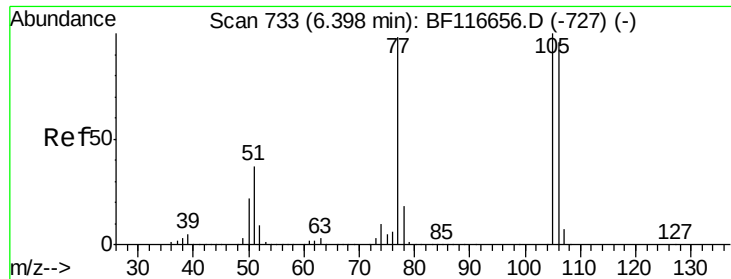
Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	128	Resp:	289468
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.4	52.4
64	47.4	26.5	66.5





#9

Benzaldehyde

Concen: 40.138 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

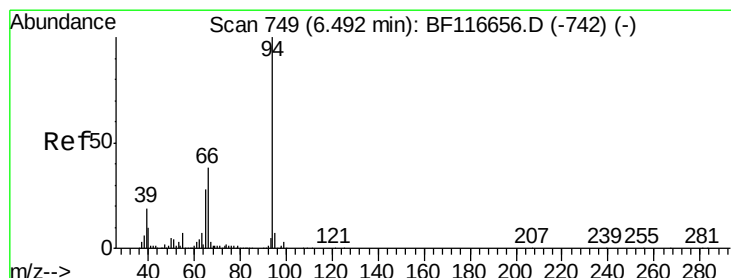
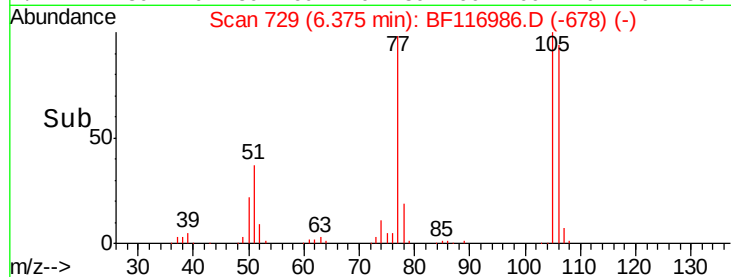
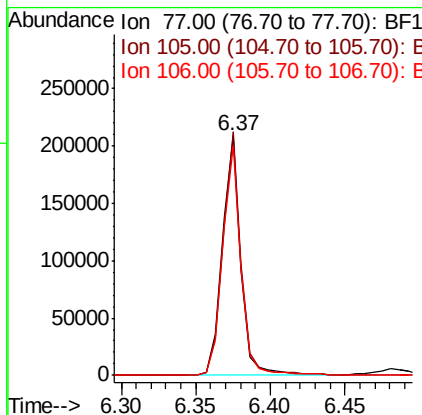
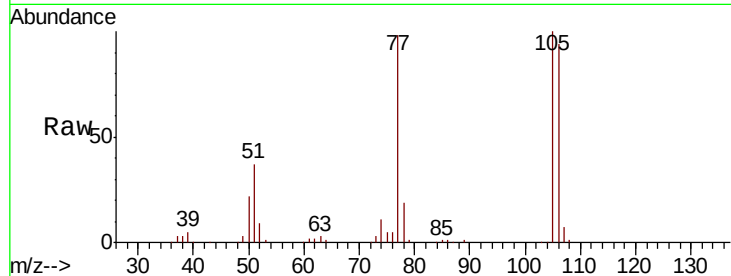
ClientSampleId :

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Tot Ion:	77	Resp:	182869
Ion Ratio	Lower	Upper	
77	100		
105	101.7	79.3	119.3
106	96.0	75.1	115.1

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#10

Phenol

Concen: 47.899 ng

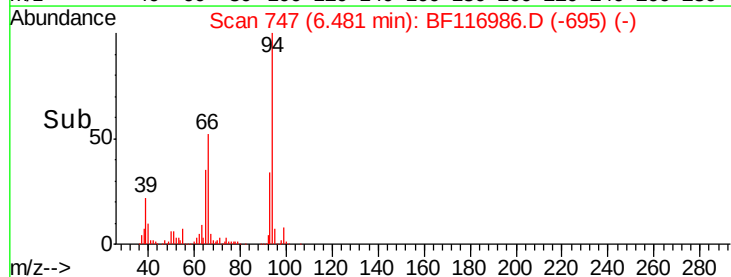
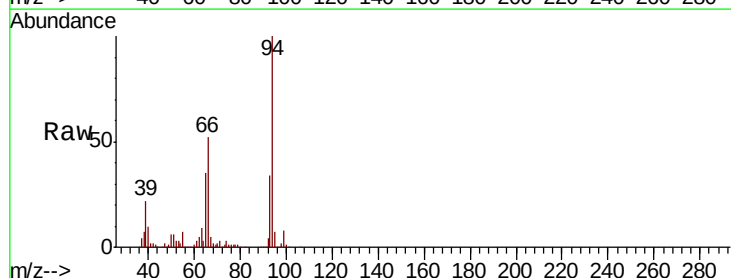
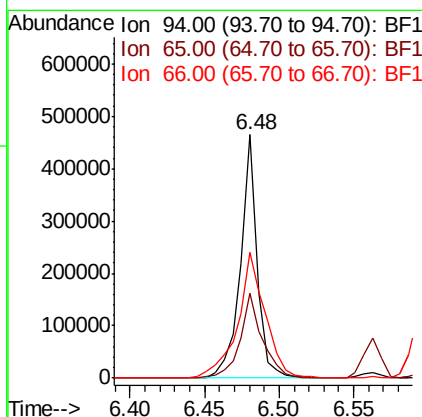
RT: 6.48 min Scan# 747

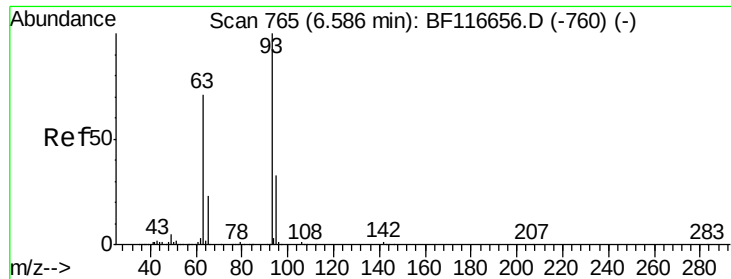
Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	94	Resp:	366789
Ion Ratio	Lower	Upper	
94	100		
65	35.1	12.0	52.0
66	51.7	26.5	66.5





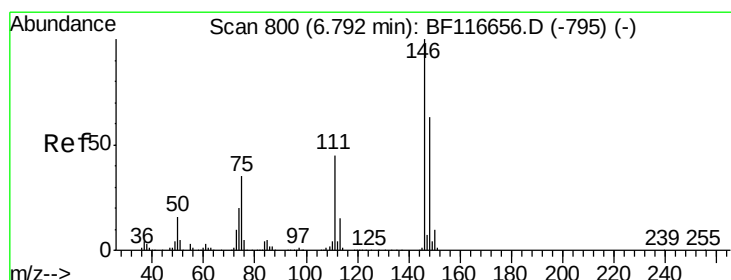
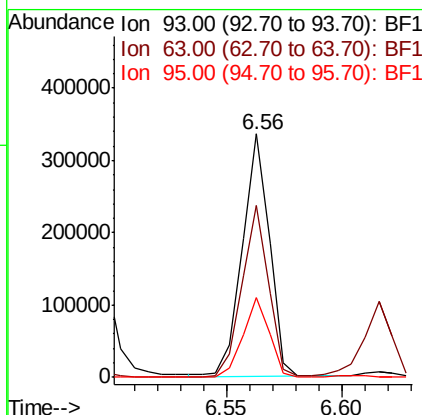
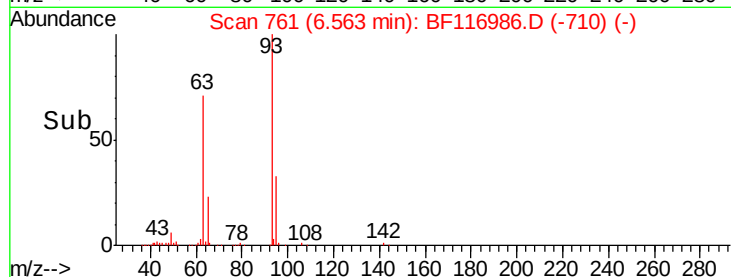
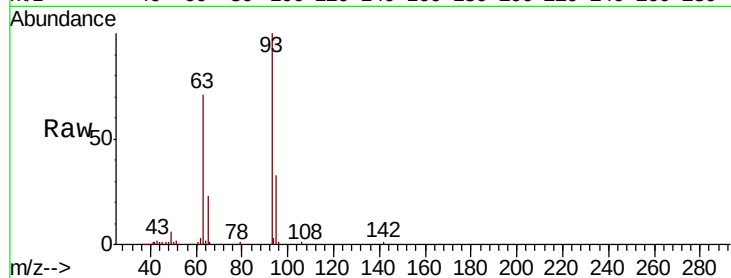
#11
bis(2-Chloroethyl)ether
Concen: 45.976 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	49.0	89.0
95	32.7	13.7	53.7

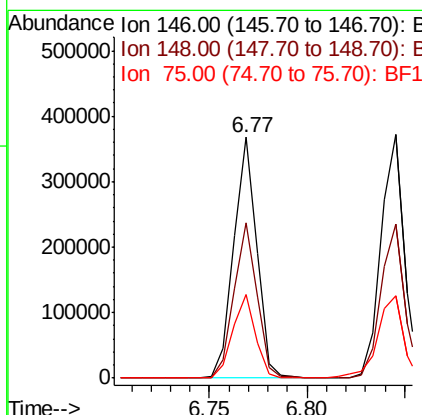
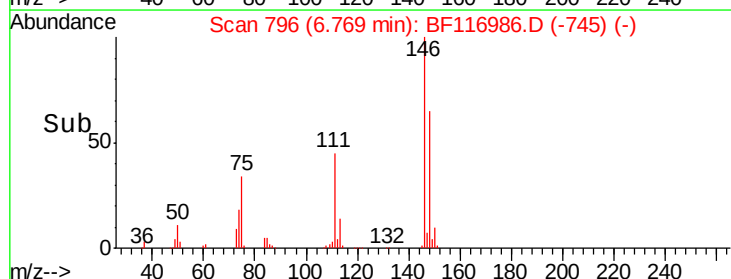
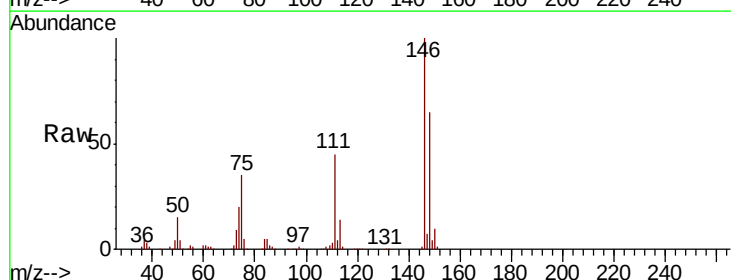
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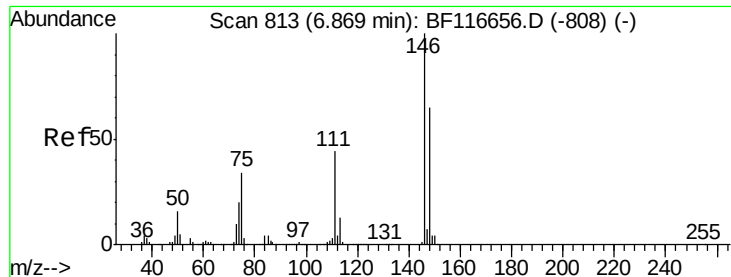
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.686 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	34.8	26.6	40.0





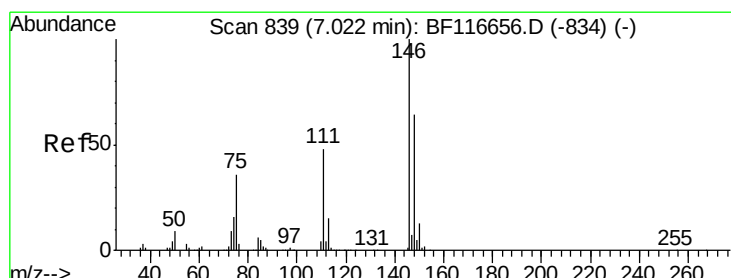
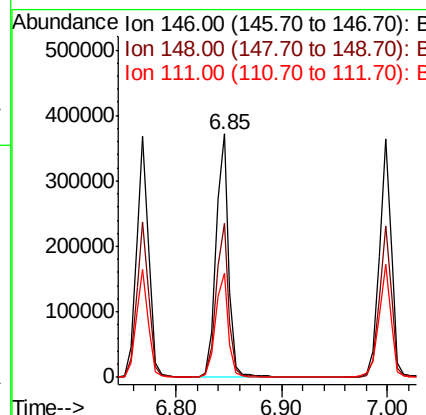
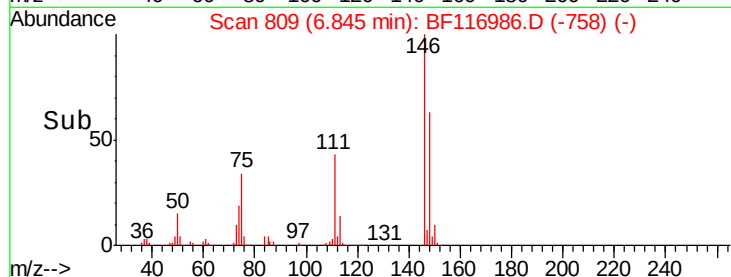
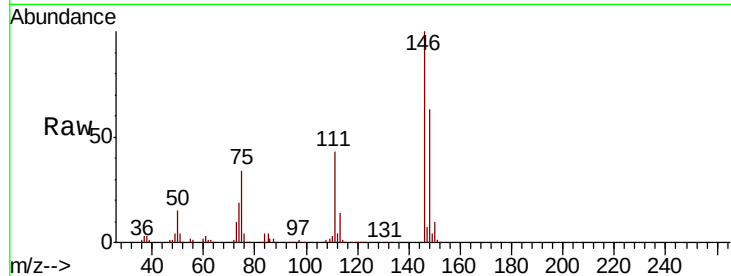
#13
 1,4-Dichlorobenzene
 Concen: 48.481 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
111	43.0	33.4	50.2

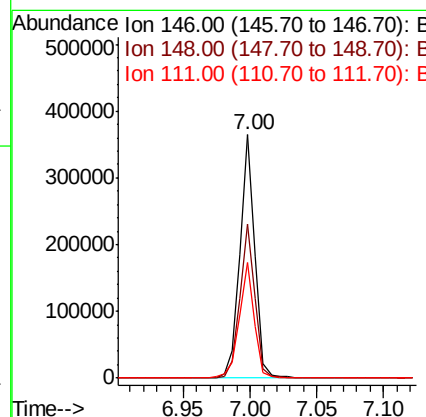
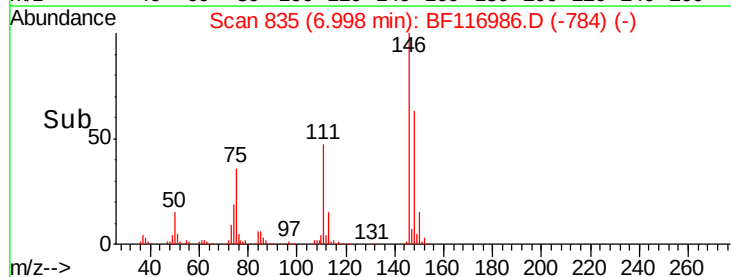
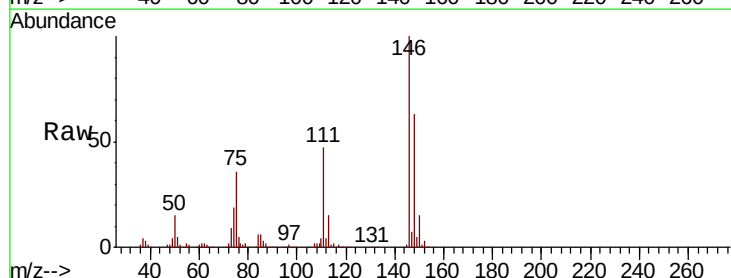
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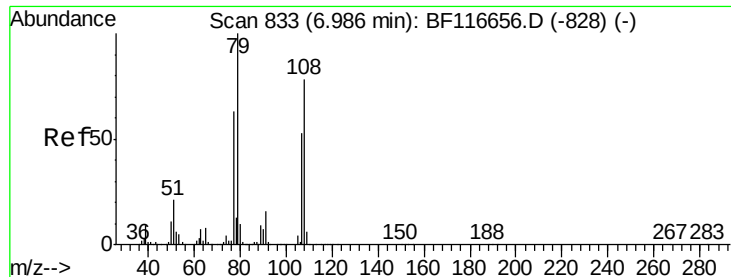
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#14
 1,2-Dichlorobenzene
 Concen: 48.031 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.7	77.5
111	47.4	37.2	55.8





#15

Benzyl Alcohol

Concen: 47.911 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

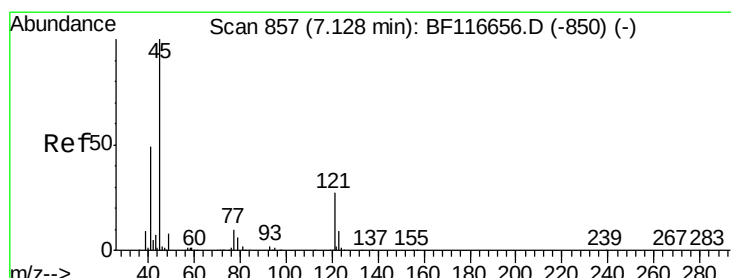
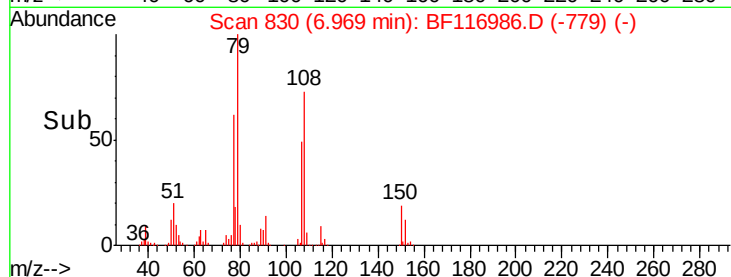
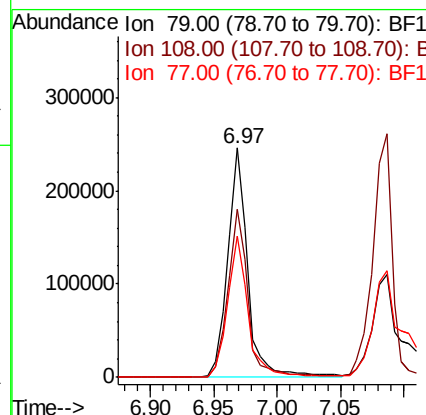
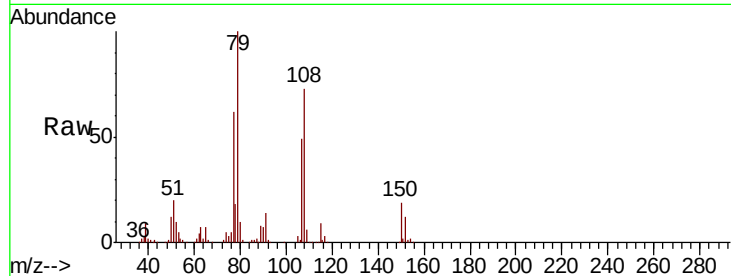
ClientSampleId :

PB122992BS

Tot Ion:	79	Resp:	268947
Ion Ratio	Lower	Upper	
79	100		
108	73.4	60.2	90.4
77	61.6	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.849 ng

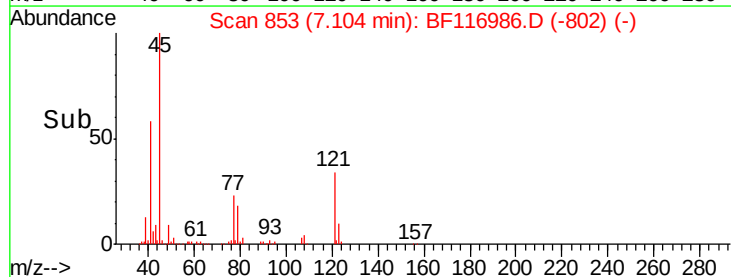
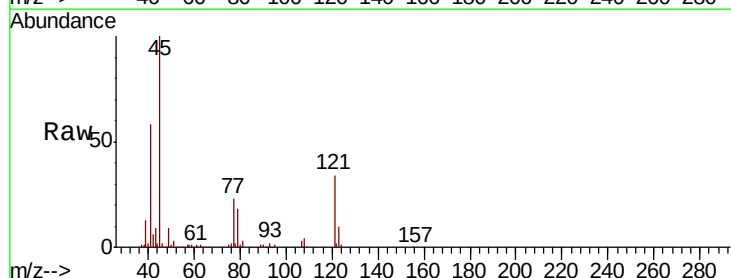
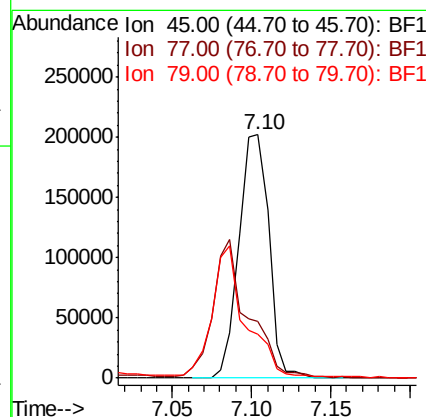
RT: 7.10 min Scan# 853

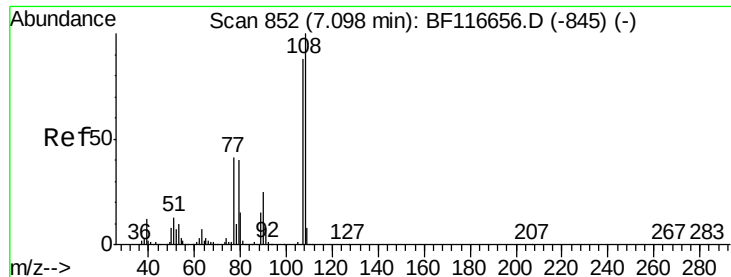
Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	45	Resp:	264776
Ion Ratio	Lower	Upper	
45	100		
77	23.1	2.7	42.7
79	18.2	0.0	38.5





#17

2-Methylphenol

Concen: 48.441 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

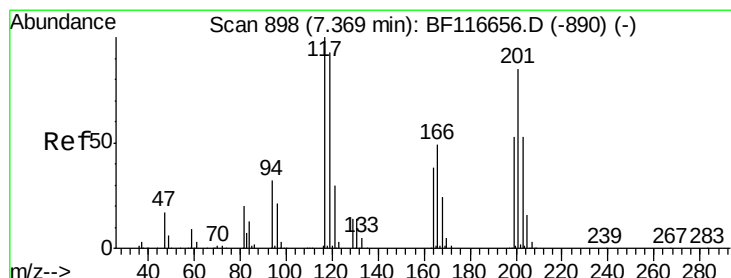
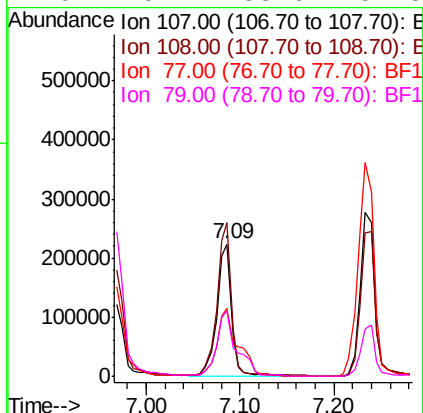
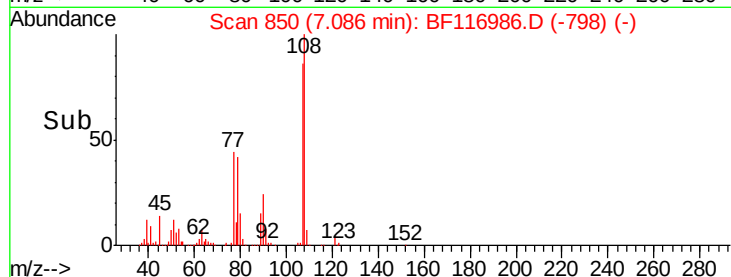
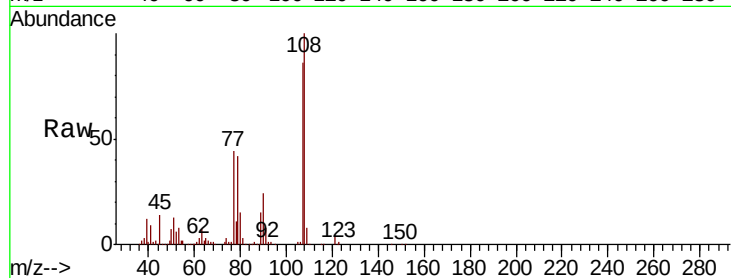
ClientSampleId :

PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.8	90.9	136.3	
77	51.3	38.6	58.0	
79	49.1	38.6	57.8	

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#18

Hexachloroethane

Concen: 47.604 ng

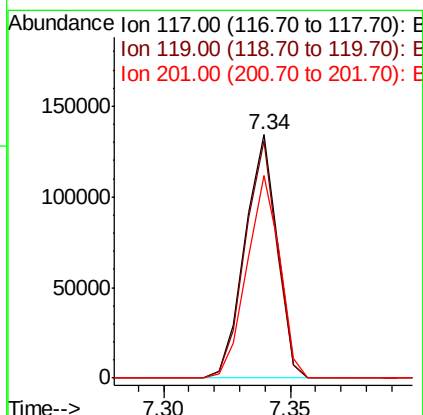
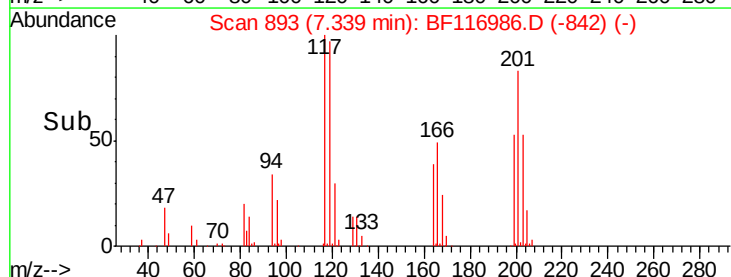
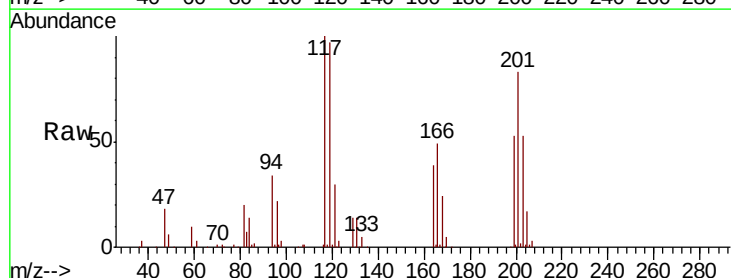
RT: 7.34 min Scan# 893

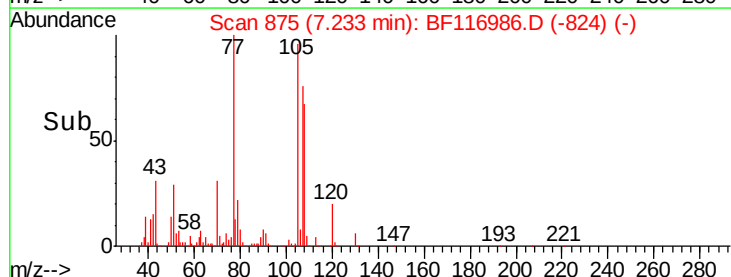
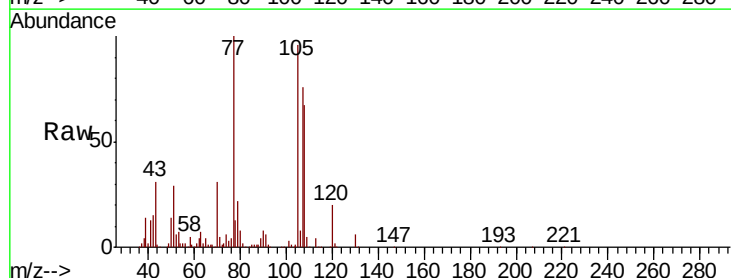
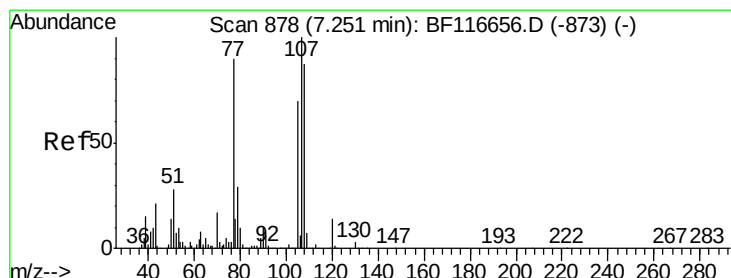
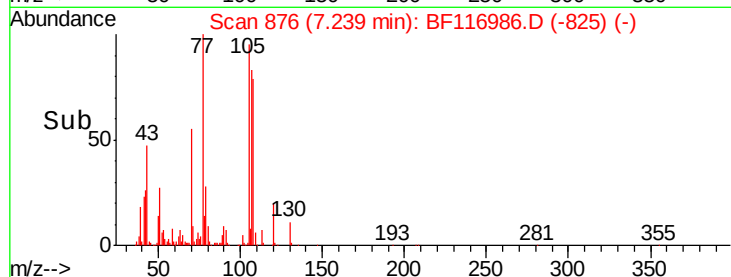
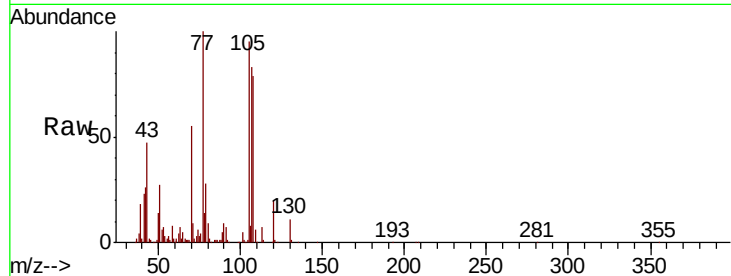
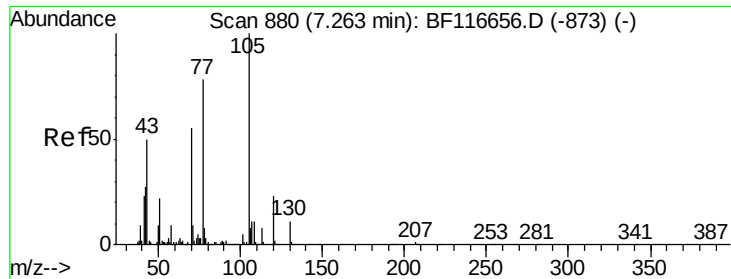
Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

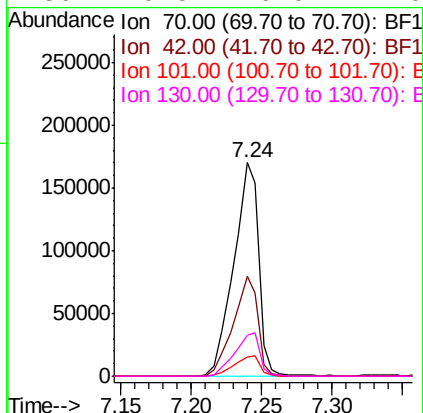
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.8	115.2	
201	83.2	68.2	102.2	





#19
n-Nitroso-di-n-propylamine
Concen: 45.904 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	46.9	37.0	55.4	
101	9.3	7.4	11.2	
130	19.5	16.0	24.0	



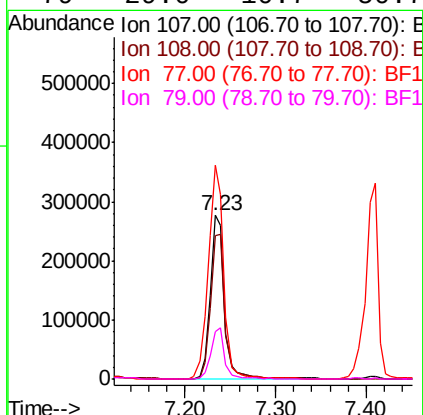
Instrument :
BNA_F
ClientSampleId :
PB122992BS

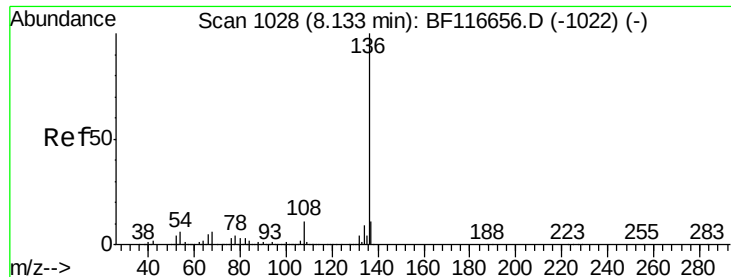
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#20
3+4-Methylphenols
Concen: 51.724 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.7	71.9	111.9	
77	130.8	112.6	152.6	
79	29.0	10.7	50.7	





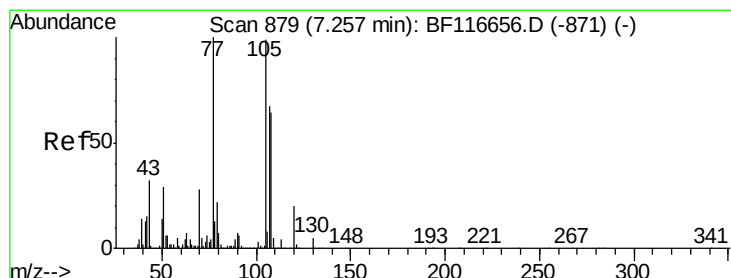
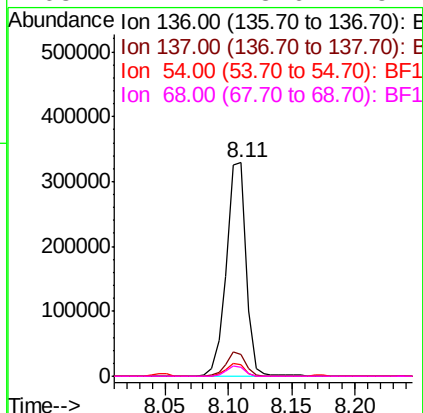
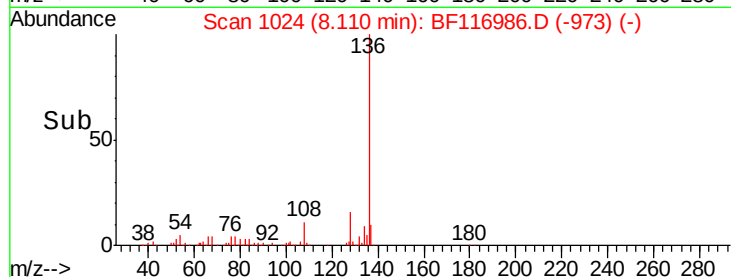
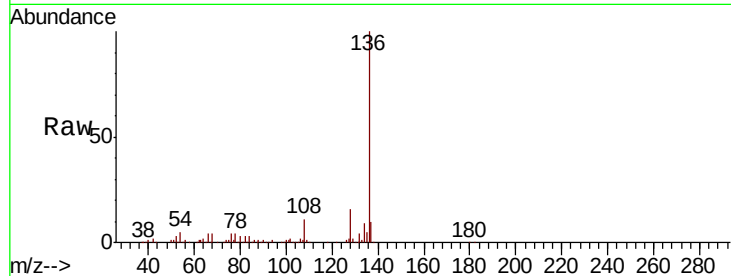
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	354302		
137	10.4		8.5	12.7
54	5.2		3.8	5.8
68	4.4		3.6	5.4

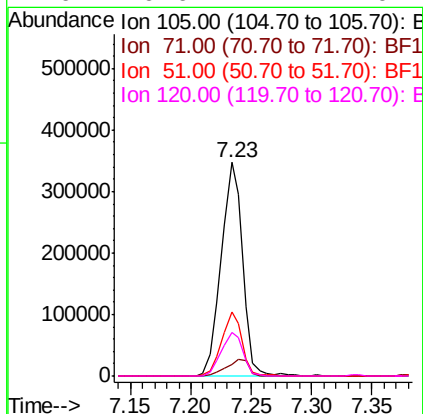
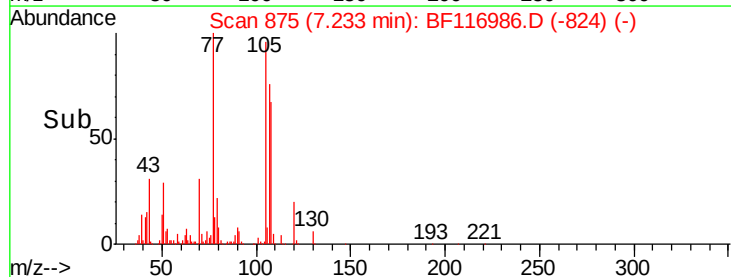
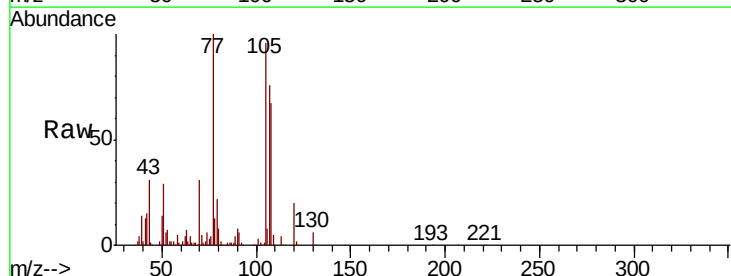
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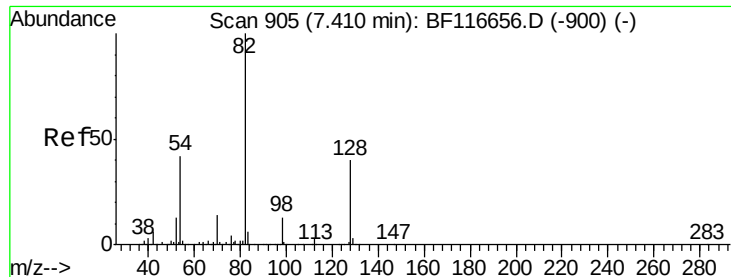
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#22
Acetophenone
Concen: 50.010 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426579		
71	5.5		4.2	6.4
51	29.7		24.6	37.0
120	20.6		17.4	26.2





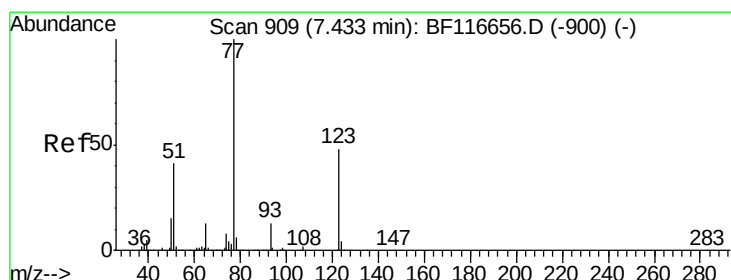
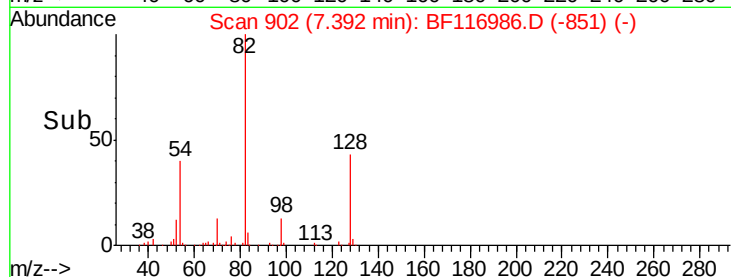
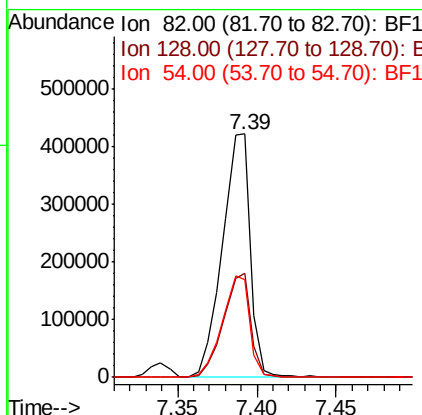
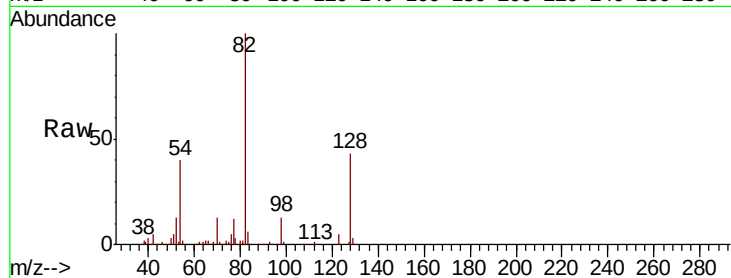
#23
 Nitrobenzene-d5
 Concen: 83.284 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.4
54	40.2	32.6	48.8

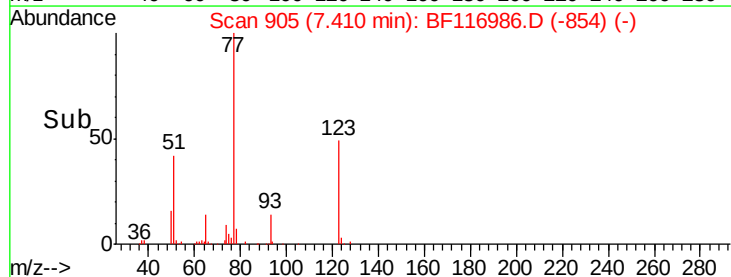
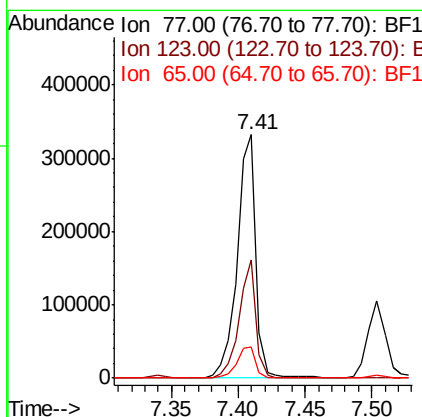
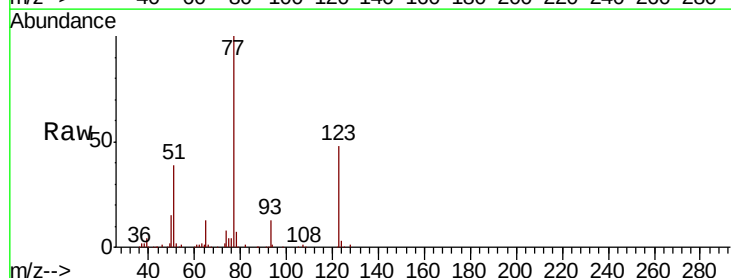
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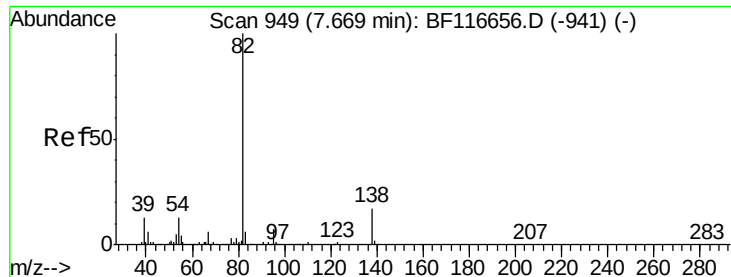
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#24
 Nitrobenzene
 Concen: 51.122 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.7	56.5
65	12.8	10.3	15.5





#25

Isophorone

Concen: 46.340 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

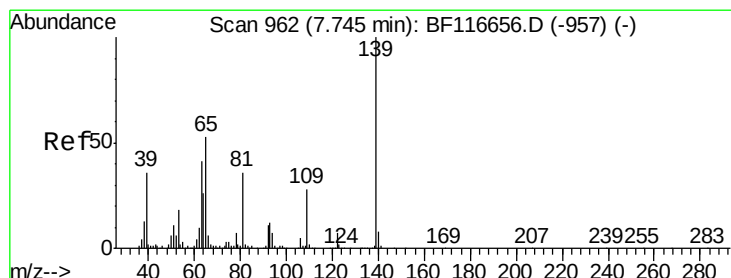
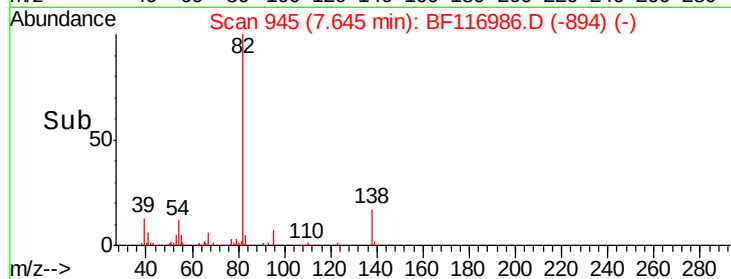
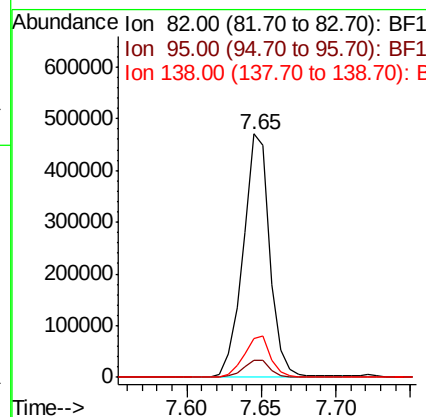
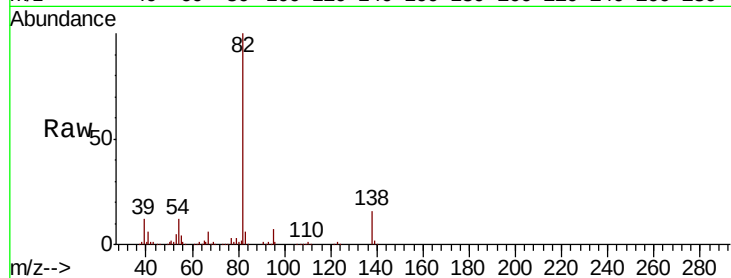
ClientSampleId :

PB122992BS

Tot Ion:	82	Resp:	582777
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.0	9.0
138	16.2	13.4	20.2

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#26

2-Nitrophenol

Concen: 63.293 ng

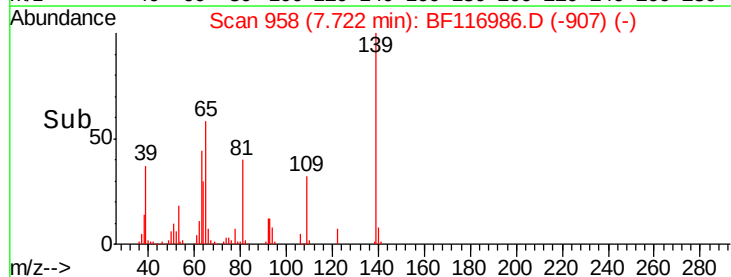
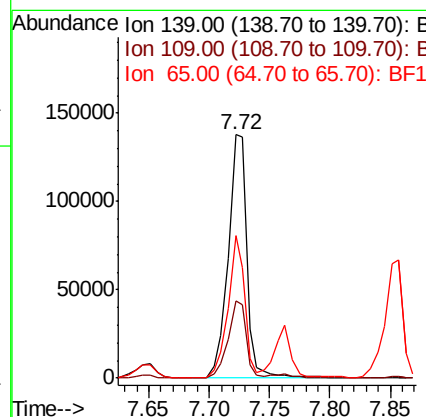
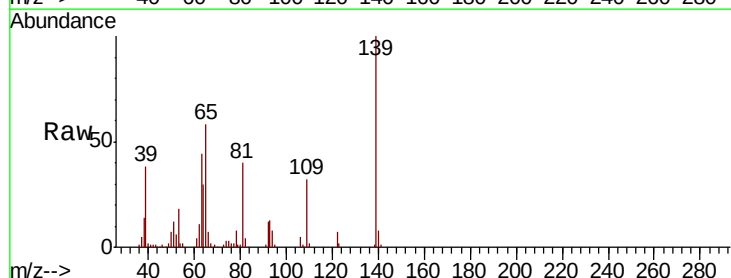
RT: 7.72 min Scan# 958

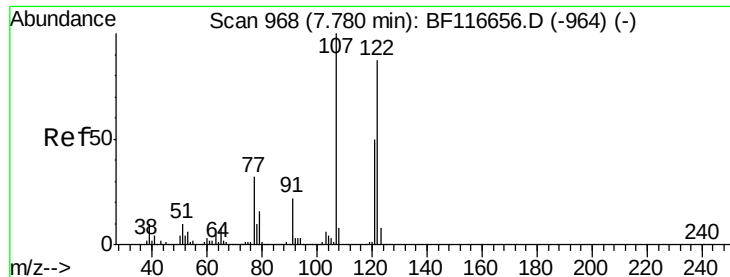
Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	139	Resp:	148532
Ion Ratio		Lower	Upper
139	100		
109	31.9	26.2	39.4
65	58.5	42.5	63.7





#27

2,4-Dimethylphenol

Concen: 52.734 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

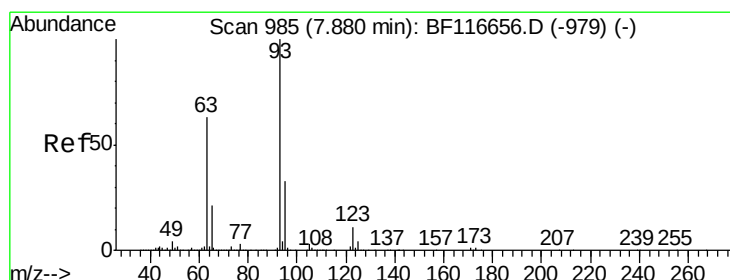
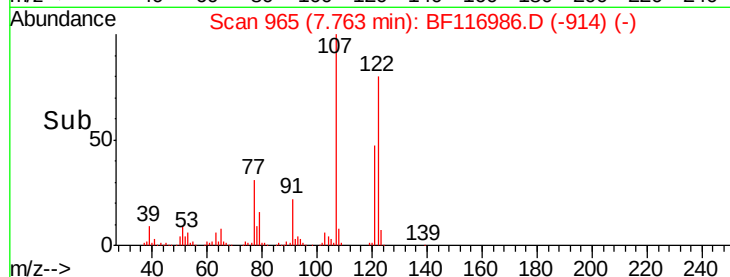
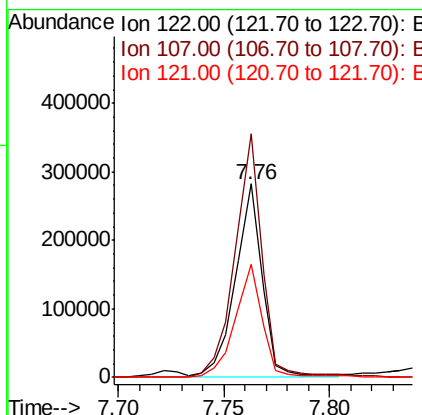
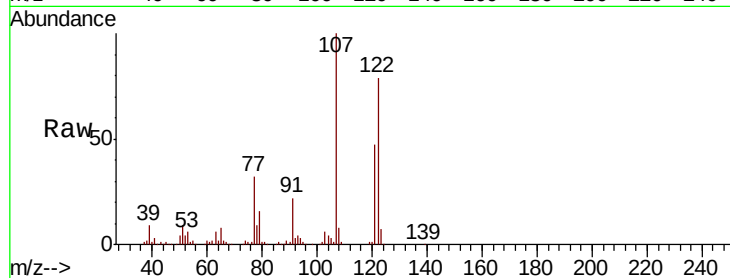
ClientSampleId :

PB122992BS

Tot Ion:	122	Resp:	249930
Ion Ratio	Lower	Upper	
122	100		
107	125.9	98.8	148.2
121	58.7	44.8	67.2

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#28

bis(2-Chloroethoxy)methane

Concen: 45.178 ng

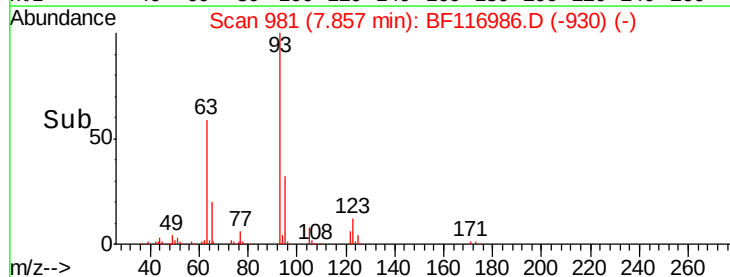
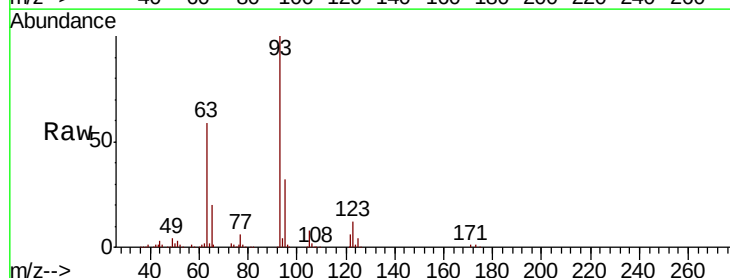
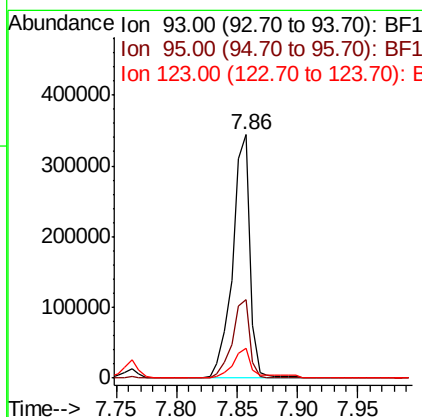
RT: 7.86 min Scan# 981

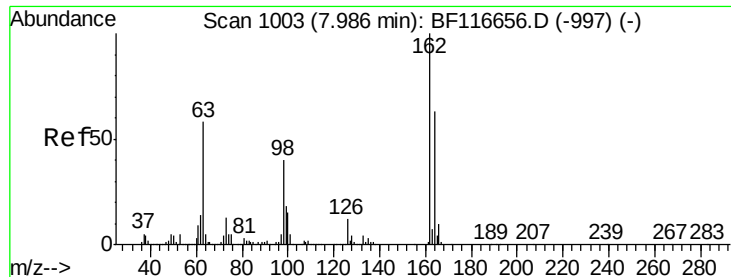
Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	93	Resp:	347204
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.2	39.2
123	12.5	9.7	14.5





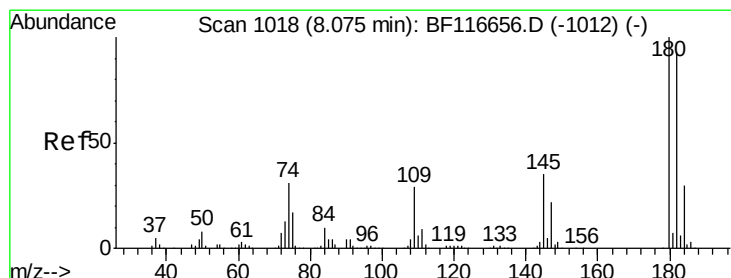
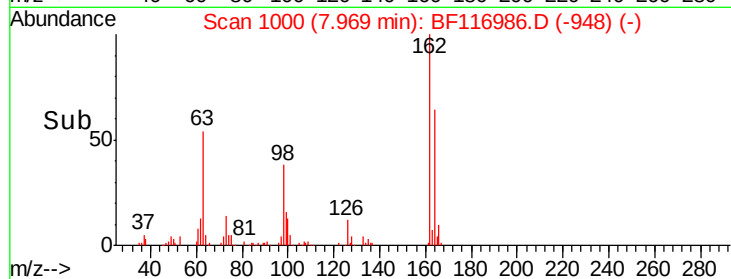
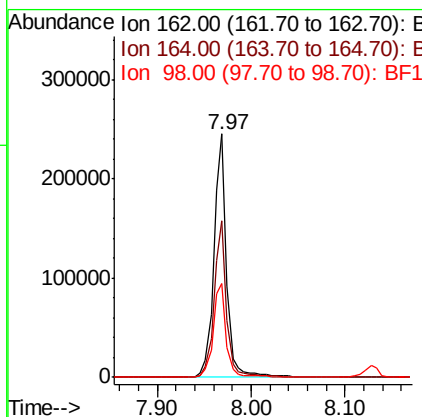
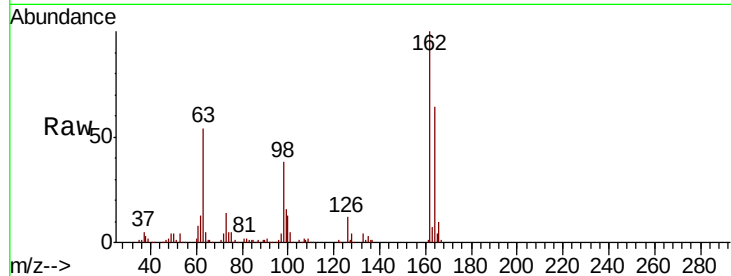
#29
2,4-Dichlorophenol
Concen: 51.922 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion:	162	Resp:	236487
Ion Ratio		Lower	Upper
162	100		
164	64.2	43.8	83.8
98	38.5	22.8	62.8

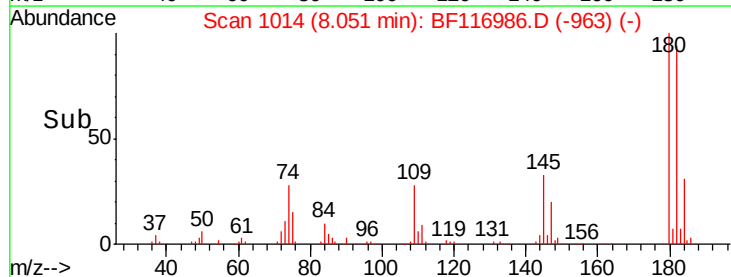
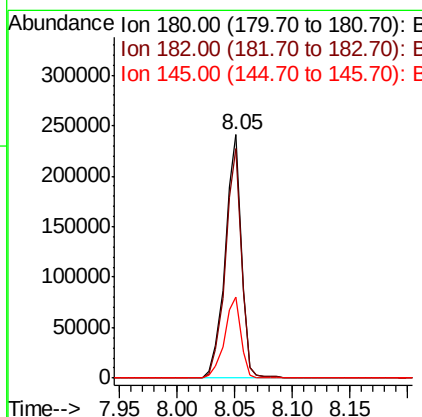
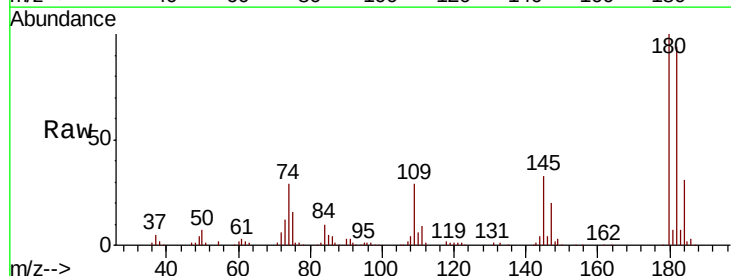
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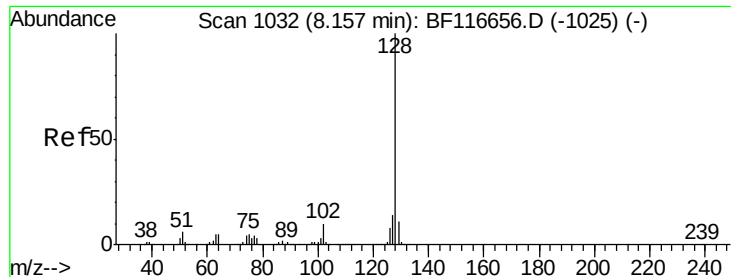
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#30
1,2,4-Trichlorobenzene
Concen: 47.380 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion:	180	Resp:	234065
Ion Ratio		Lower	Upper
180	100		
182	94.1	77.3	115.9
145	33.4	27.4	41.2





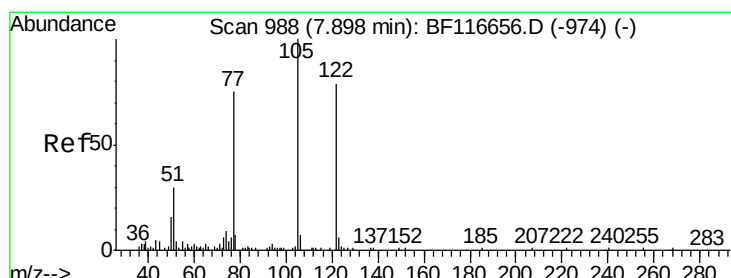
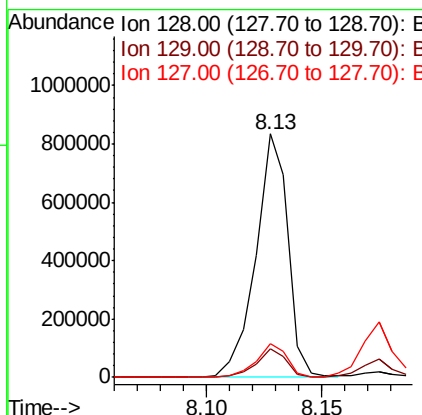
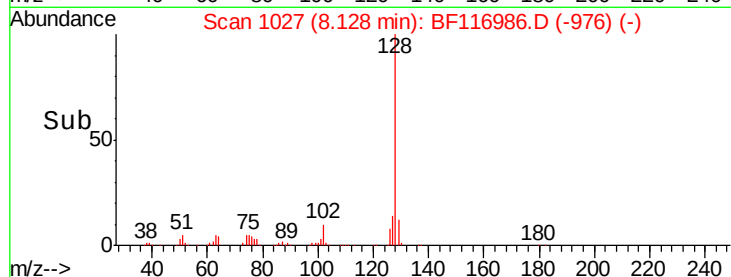
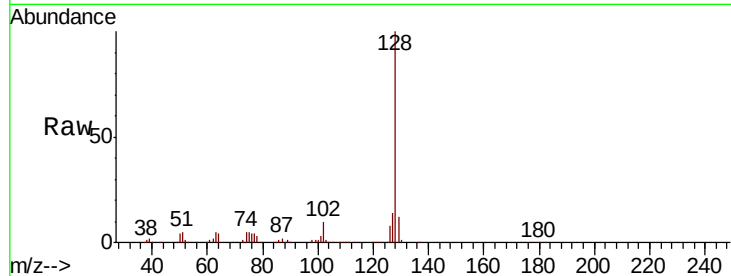
#31
Naphthalene
Concen: 48.373 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.9	10.6	16.0

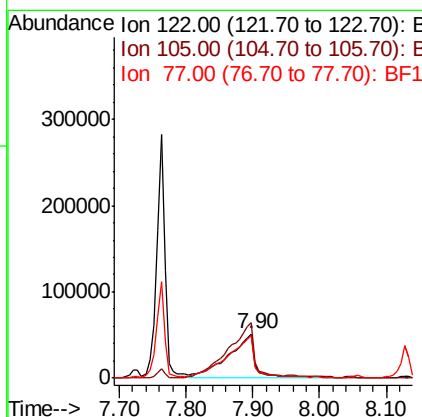
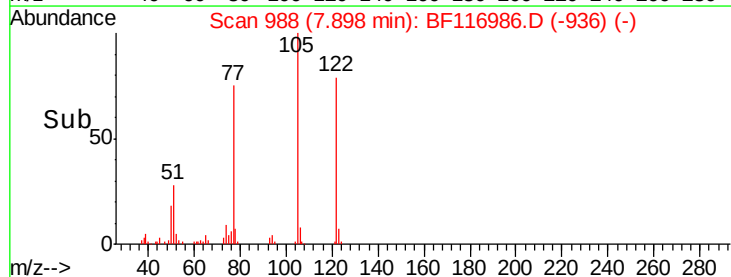
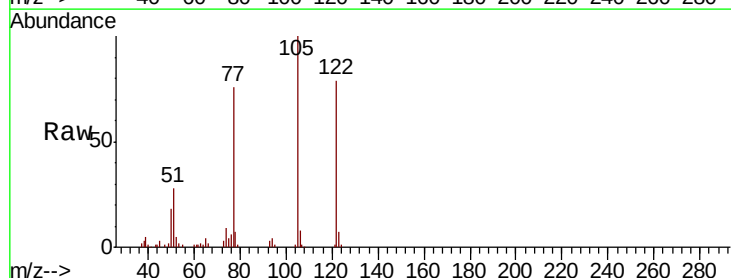
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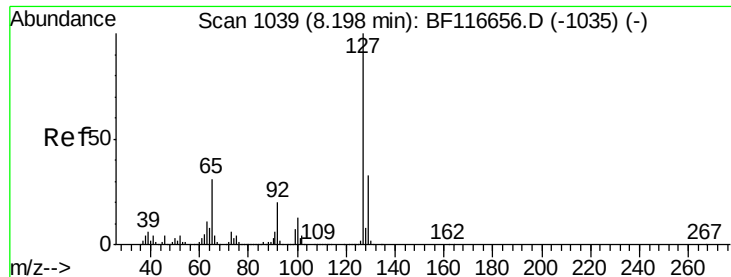
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#32
Benzoic acid
Concen: 54.318 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	105.8	145.8
77	96.3	74.3	114.3





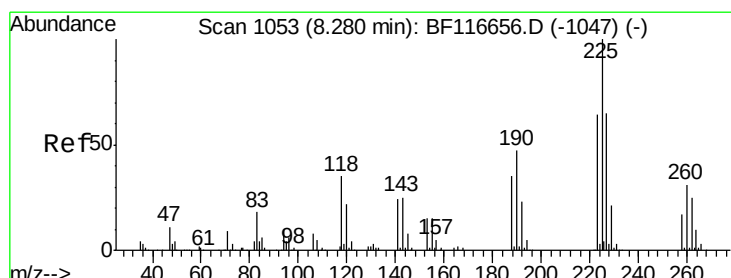
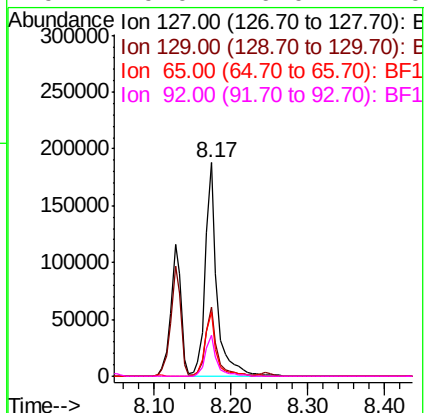
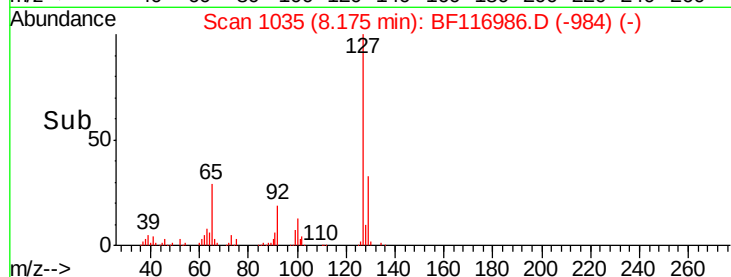
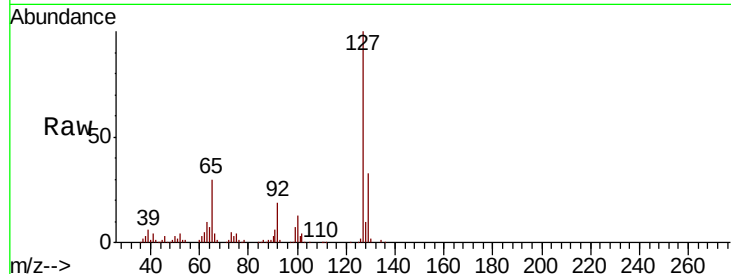
#33
4-Chloroaniline
Concen: 25.972 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	199179		
129	32.7	25.8	38.8	
65	29.7	25.3	37.9	
92	19.0	16.0	24.0	

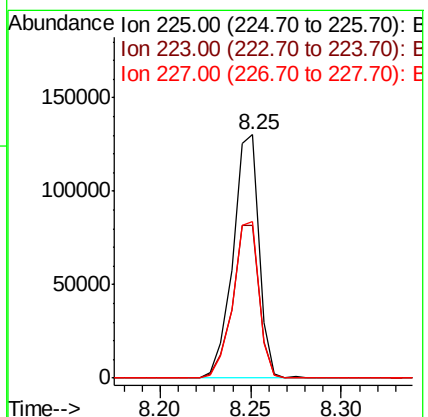
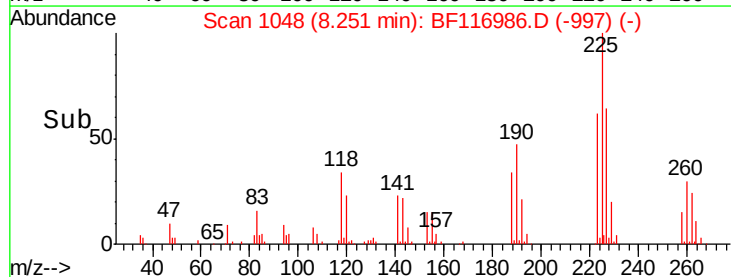
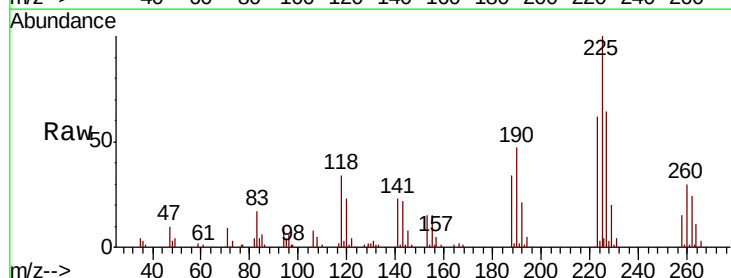
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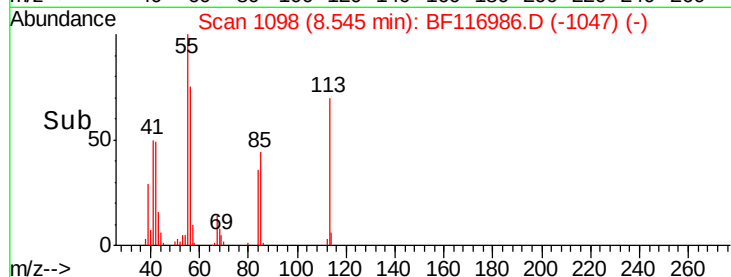
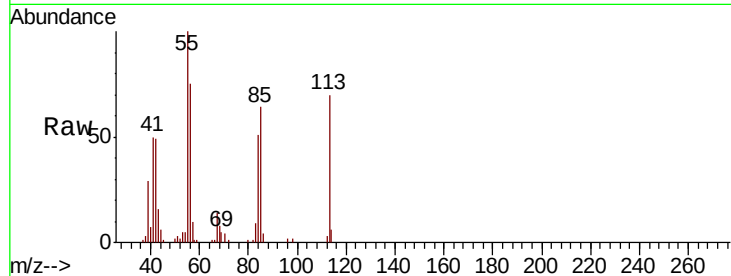
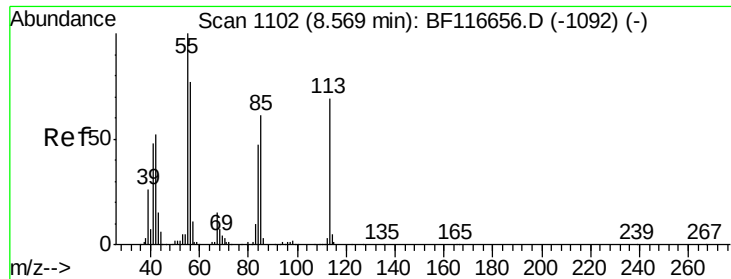
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#34
Hexachlorobutadiene
Concen: 48.366 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130281		
223	62.5	49.8	74.6	
227	64.3	50.6	75.8	





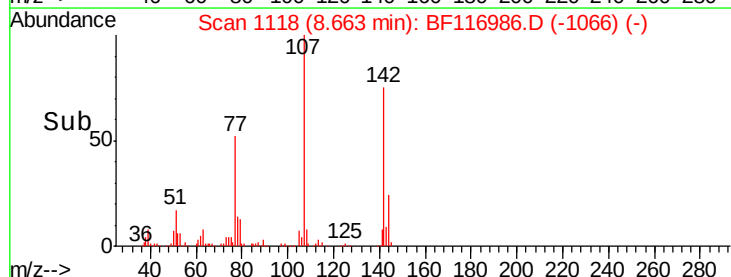
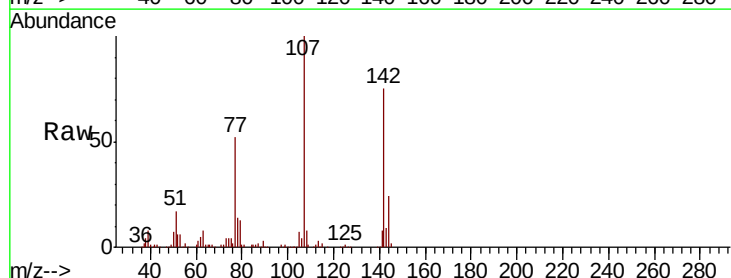
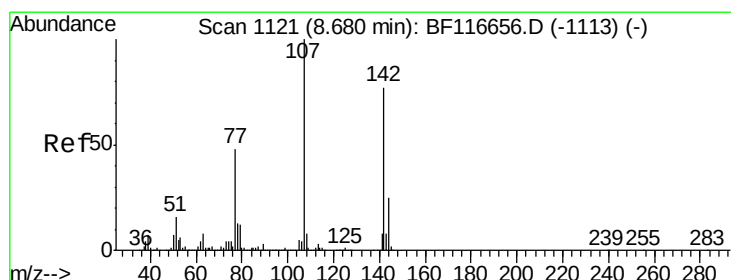
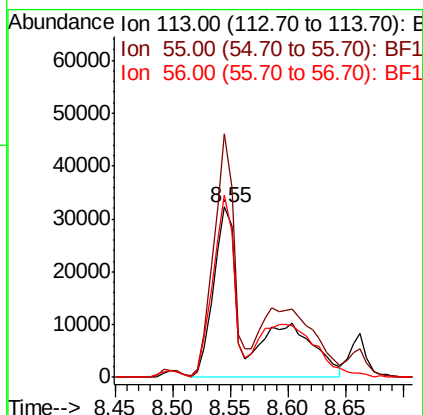
#35
Caprolactam
Concen: 42.962 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		73232		
55	143.0		116.6	156.6	
56	107.2		91.3	131.3	

Instrument :
BNA_F
ClientSampleId :
PB122992BS

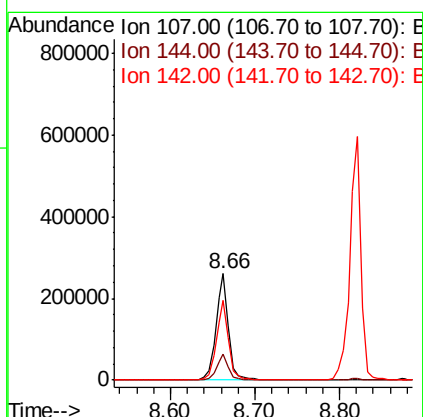
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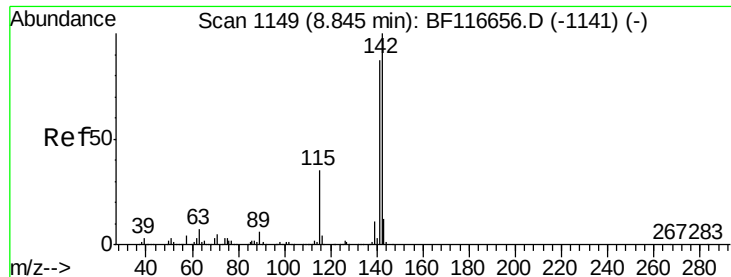
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#36
4-Chloro-3-methylphenol
Concen: 52.808 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		276443		
144	24.2		18.6	28.0	
142	75.2		55.9	83.9	





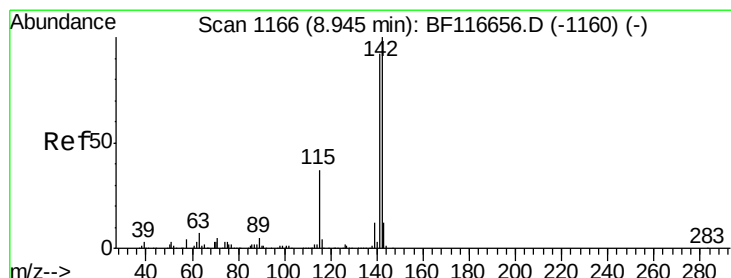
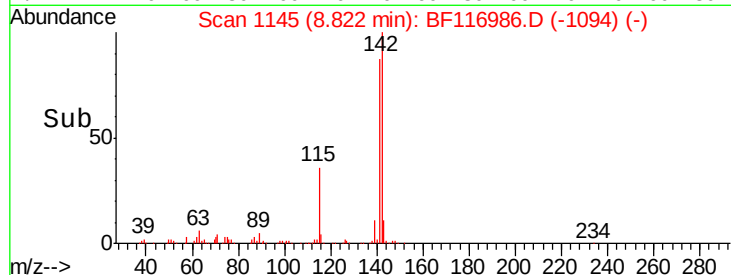
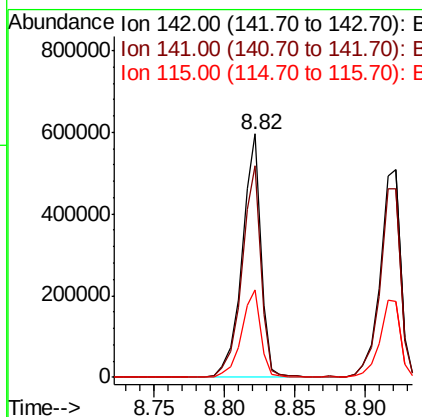
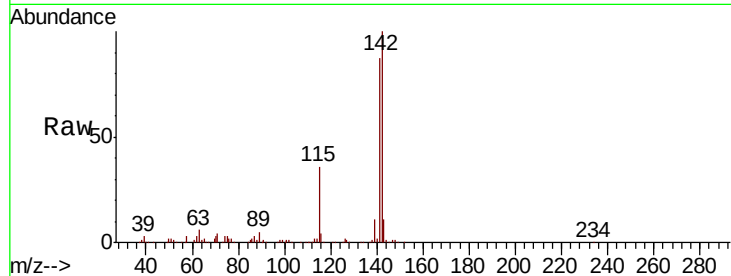
#37
2-Methylnaphthalene
Concen: 49.593 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	555911		
141	86.8	70.5	105.7	
115	36.0	27.7	41.5	

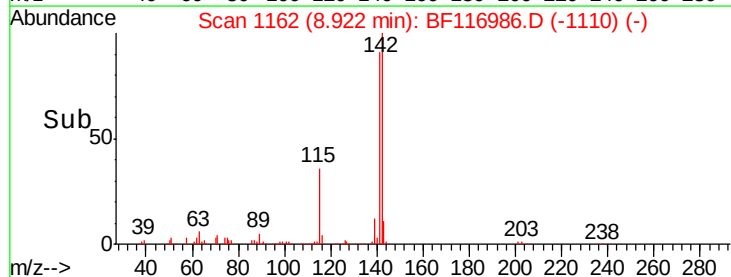
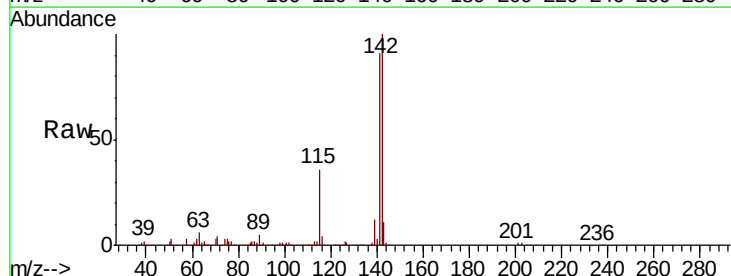
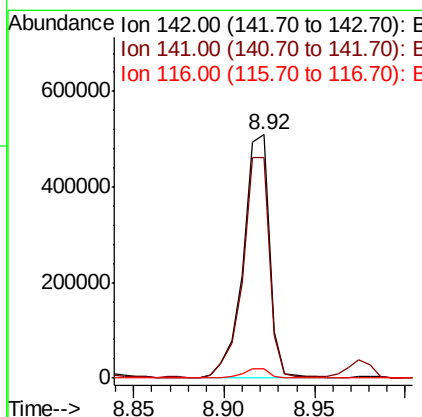
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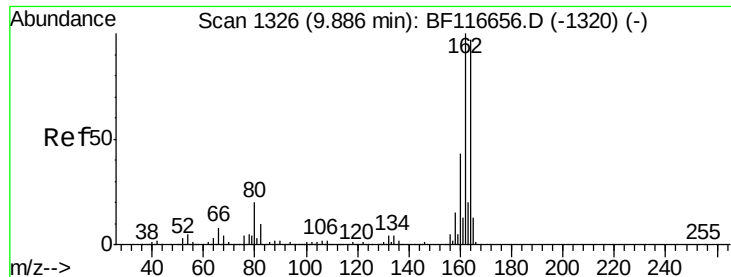
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#38
1-Methylnaphthalene
Concen: 48.137 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	509375		
141	90.8	71.9	107.9	
116	3.8	3.2	4.8	





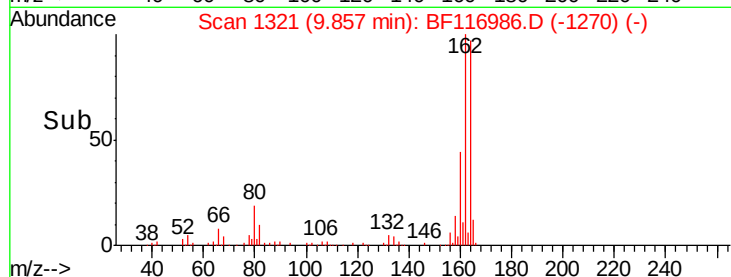
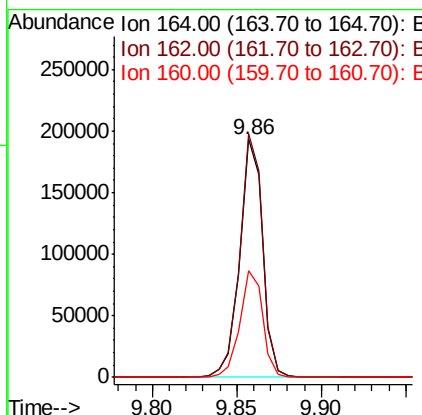
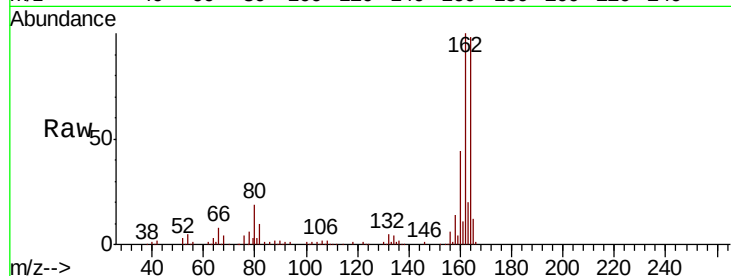
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.8	122.6	
160	44.8	35.7	53.5	

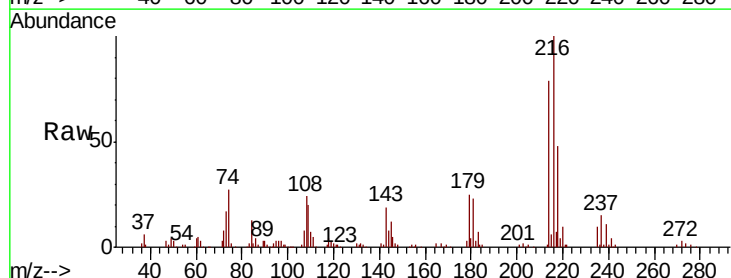
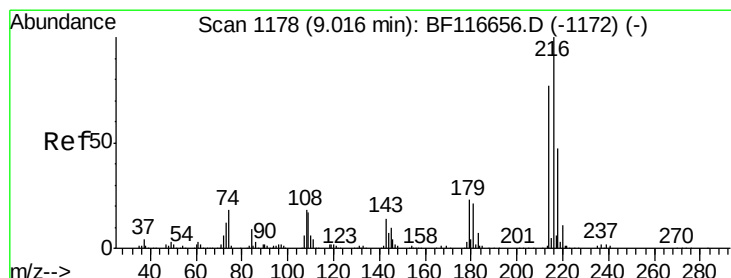
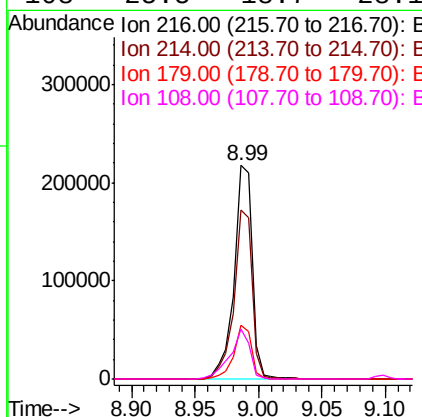
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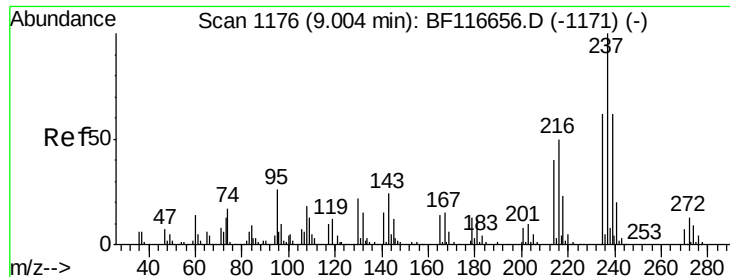
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.135 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.4	95.2	
179	24.0	19.3	28.9	
108	25.5	18.7	28.1	





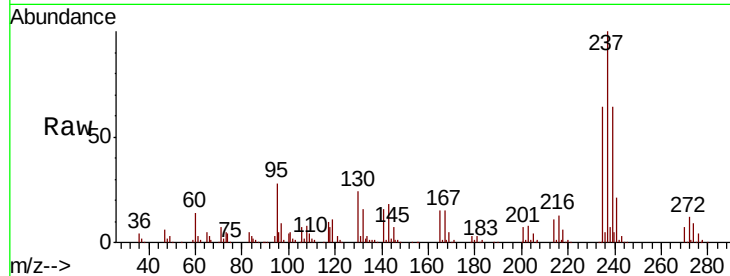
#41
Hexachlorocyclopentadiene
Concen: 92.396 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

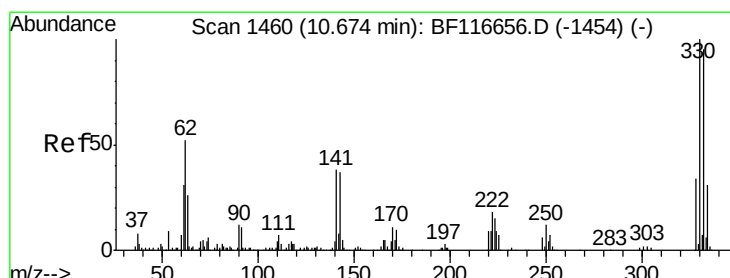
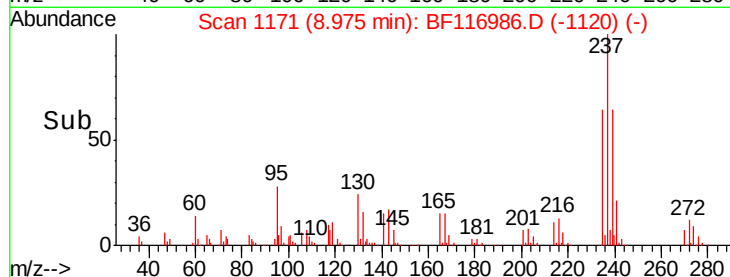
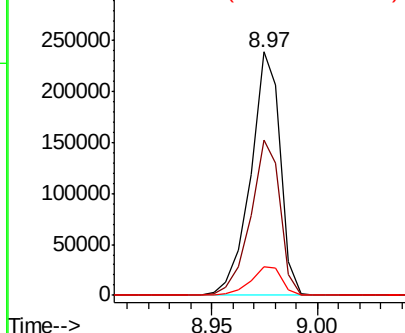
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	45.8	85.8
272	11.8	0.0	33.4

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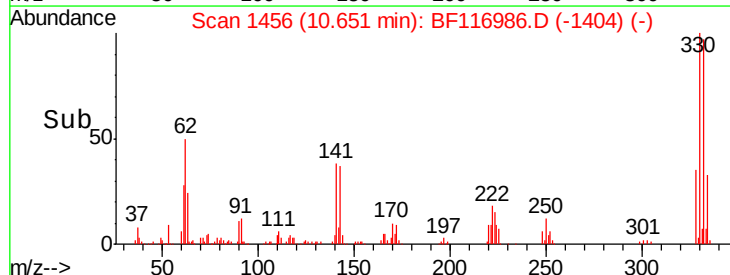
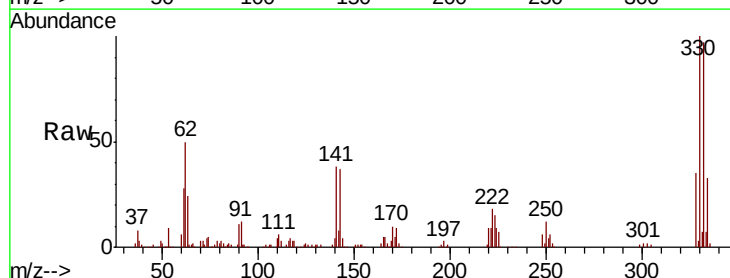
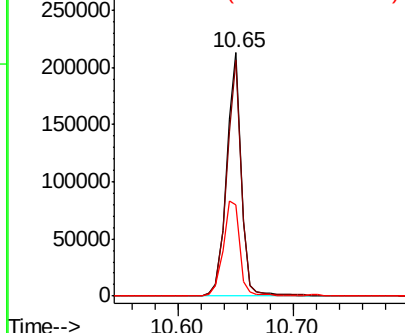
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

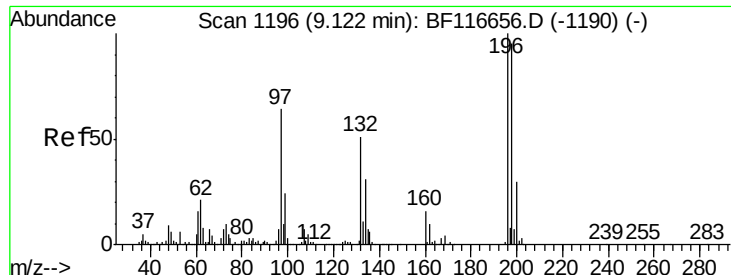


#42
2,4,6-Tribromophenol
Concen: 154.420 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	75.9	113.9
141	44.2	35.6	53.4

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





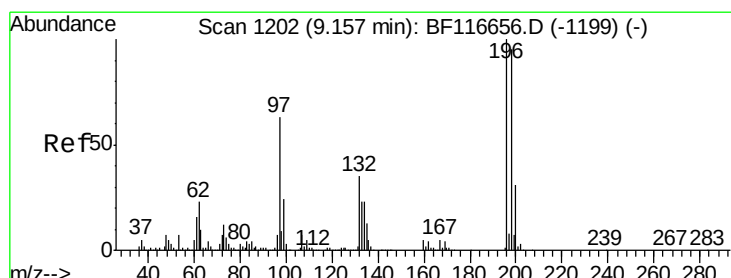
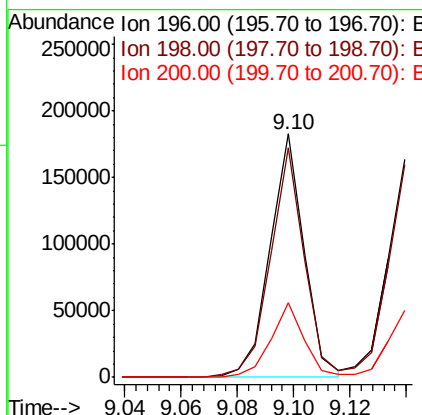
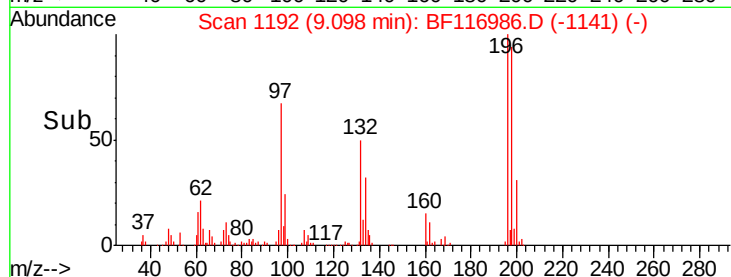
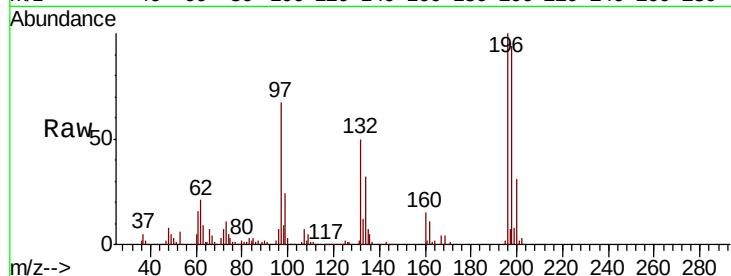
#43
 2,4,6-Trichlorophenol
 Concen: 51.347 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Tot Ion:	196	Resp:	153417
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.4	116.0
200	30.5	24.1	36.1

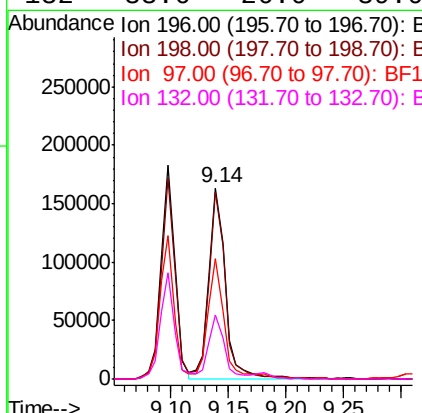
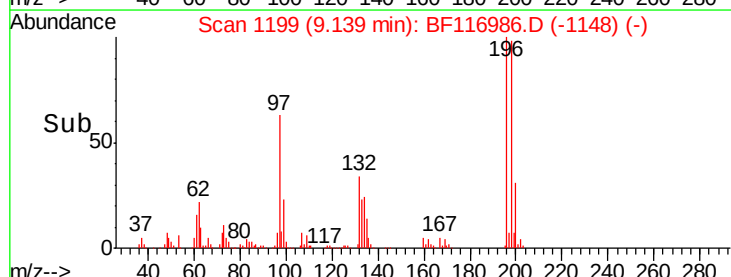
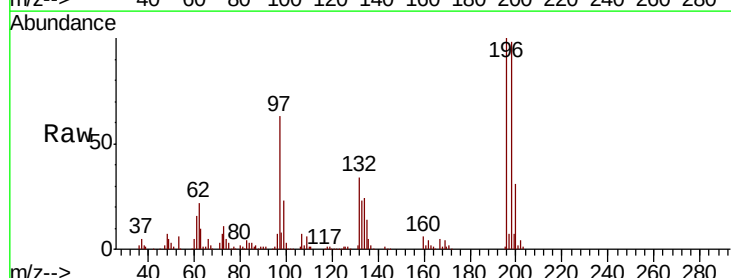
Manual Integrations
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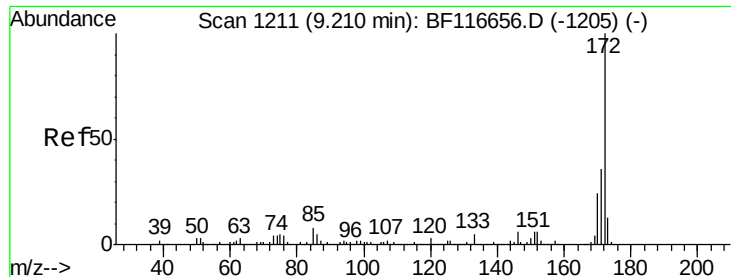
mohammad
 9/16/2019 8:59:20 AM



#44
 2,4,5-Trichlorophenol
 Concen: 52.921 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion:	196	Resp:	164154
Ion Ratio	Lower	Upper	
196	100		
198	98.0	74.7	112.1
97	62.9	45.4	68.0
132	33.6	26.0	39.0





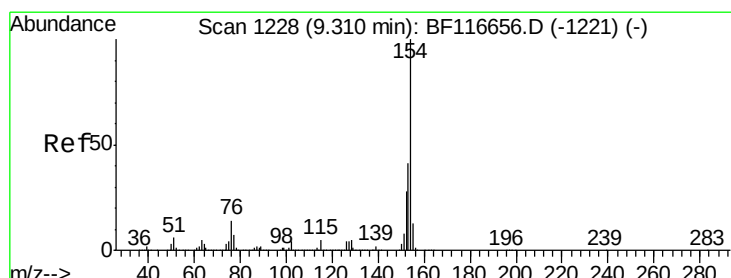
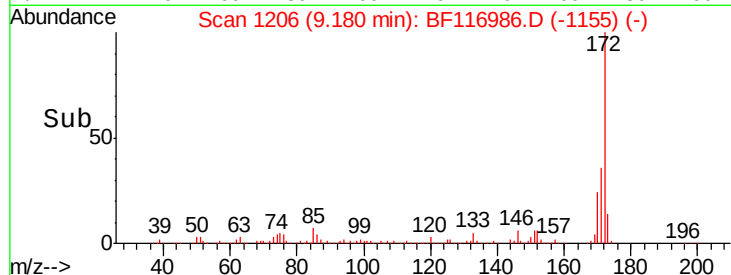
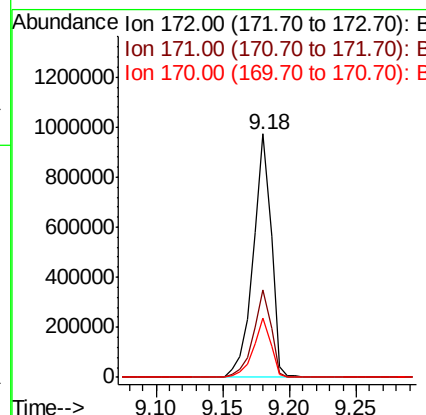
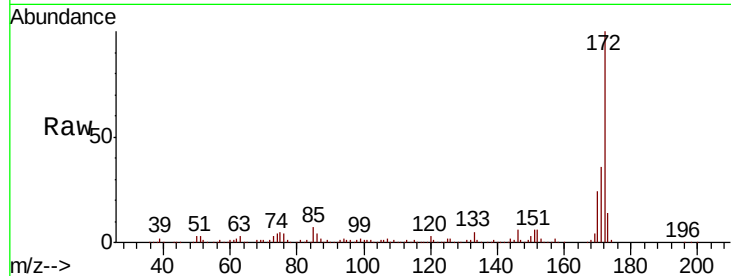
#45
2-Fluorobiphenyl
Concen: 82.831 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	892796		
171	36.1	29.1	43.7	
170	24.4	19.2	28.8	

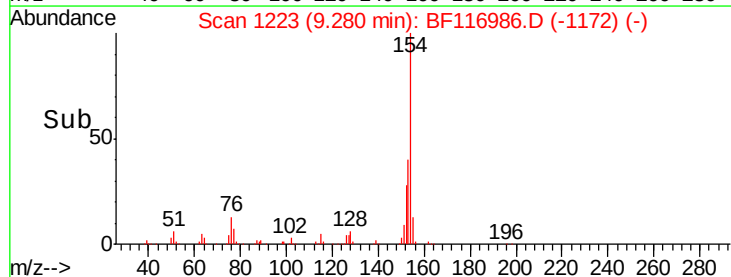
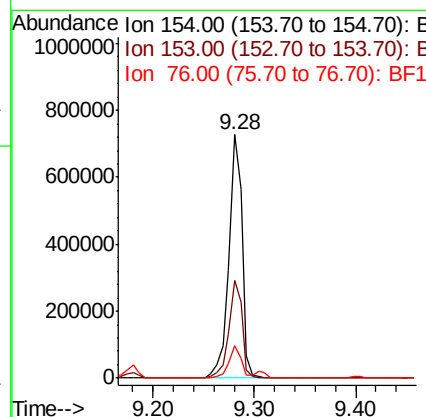
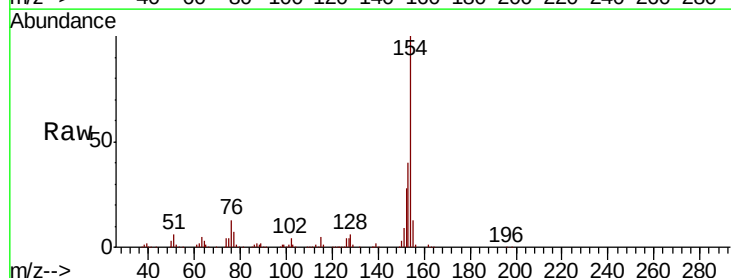
Manual Integrations
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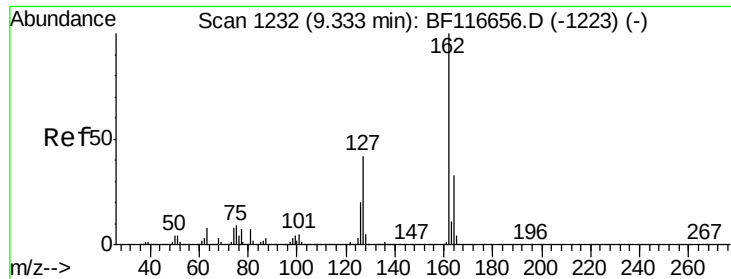
mohammad
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#46
1,1'-Biphenyl
Concen: 47.552 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	656065		
153	40.2	19.8	59.8	
76	13.3	0.0	32.8	





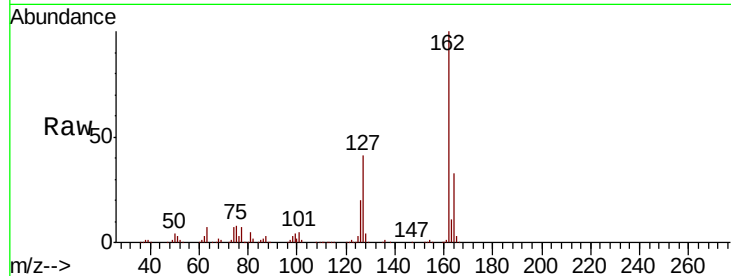
#47
2-Chloronaphthalene
Concen: 47.015 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	513765		
127	41.3		32.7	49.1
164	33.1		27.0	40.4

Manual Integrations
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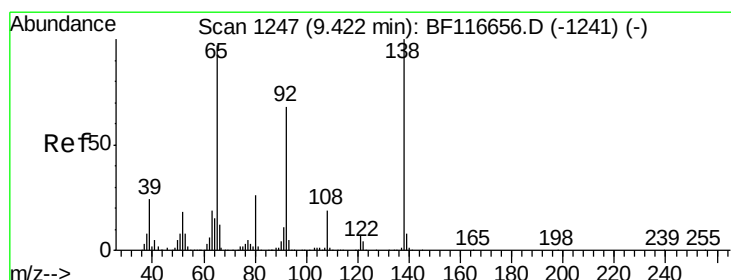
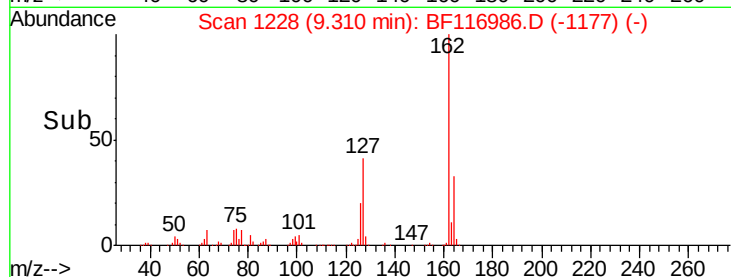
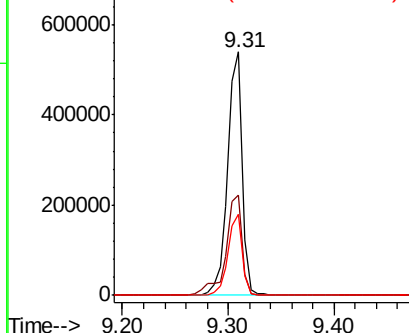


Abundance

Ion 162.00 (161.70 to 162.70): E

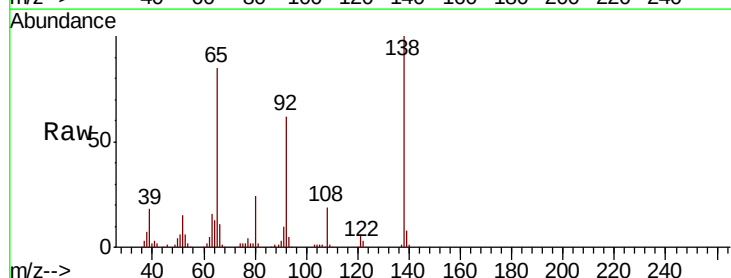
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 52.241 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	165042		
92	73.4		59.0	88.6
138	117.7		84.2	126.2

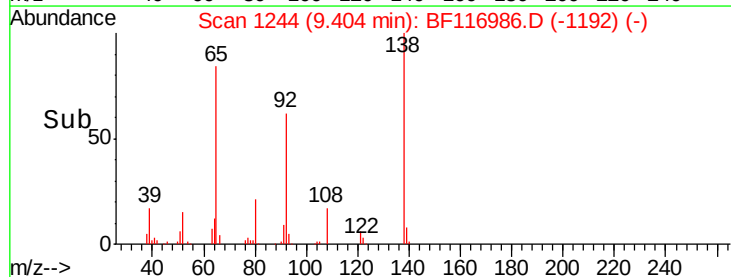
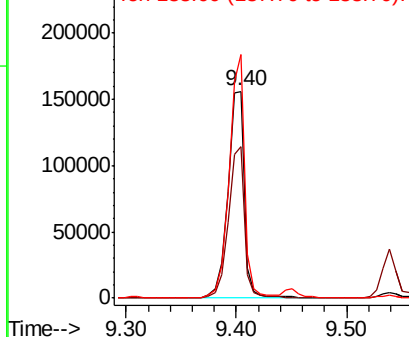


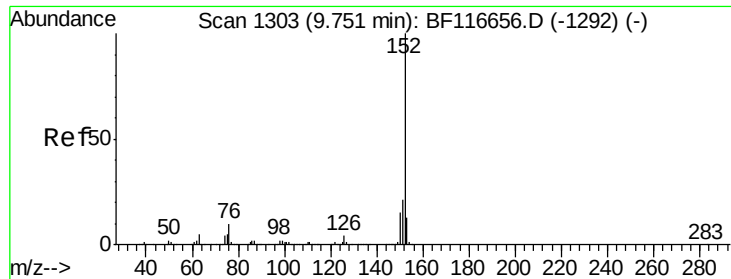
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





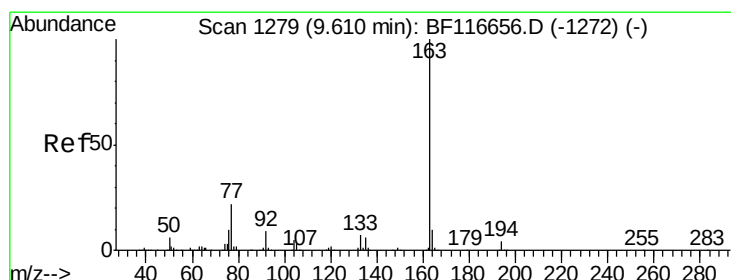
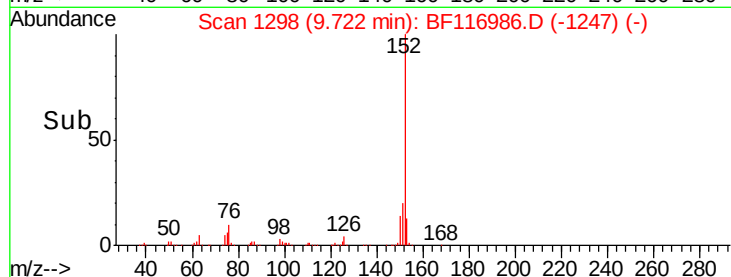
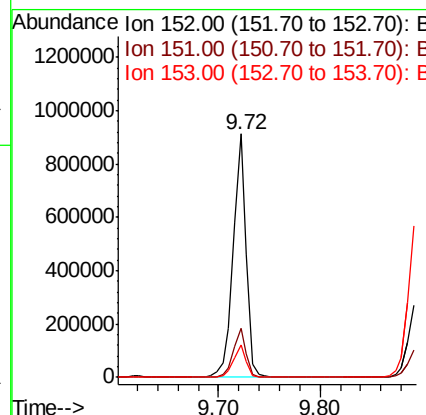
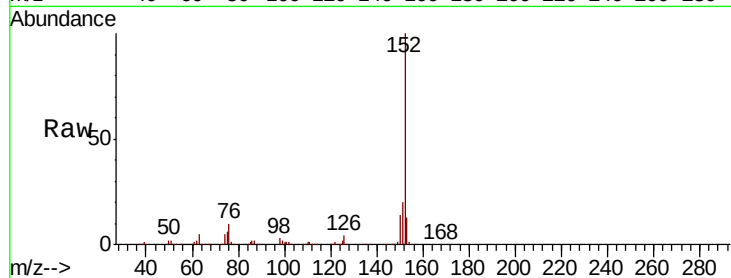
#49
Acenaphthylene
Concen: 49.027 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	809860		
151	20.2	16.1	24.1	
153	13.3	10.3	15.5	

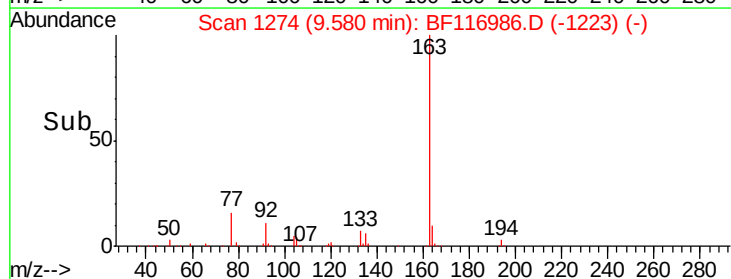
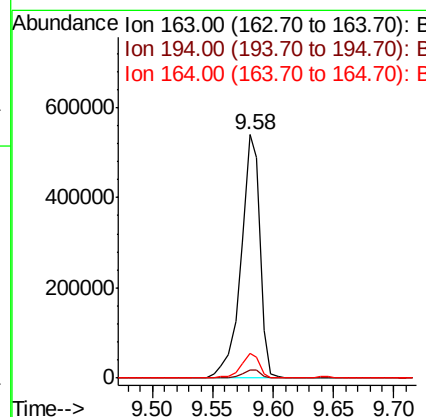
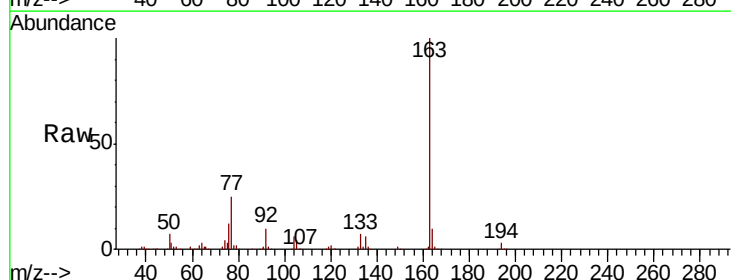
Manual Integrations
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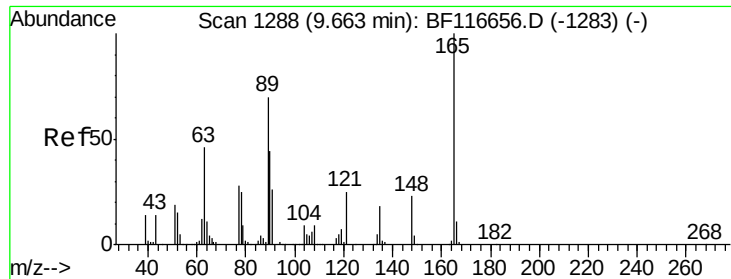
mohammad
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#50
Dimethylphthalate
Concen: 47.001 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	590001		
194	3.5	2.7	4.1	
164	10.2	8.2	12.4	





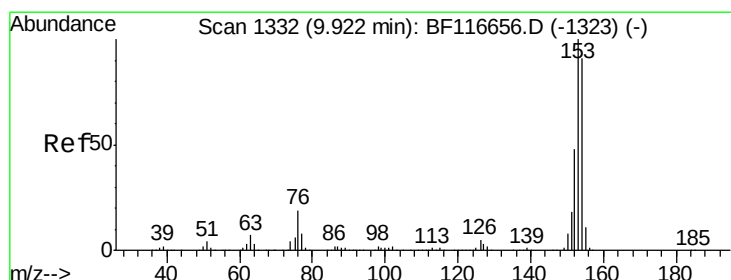
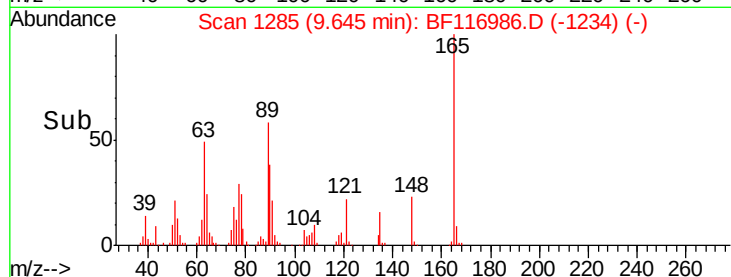
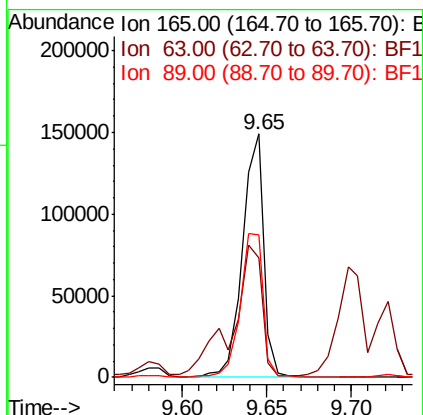
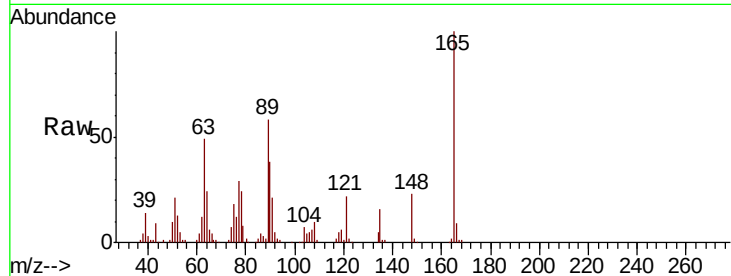
#51
2,6-Dinitrotoluene
Concen: 54.683 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	130967		
63	49.2		38.0	57.0
89	58.4		44.1	66.1

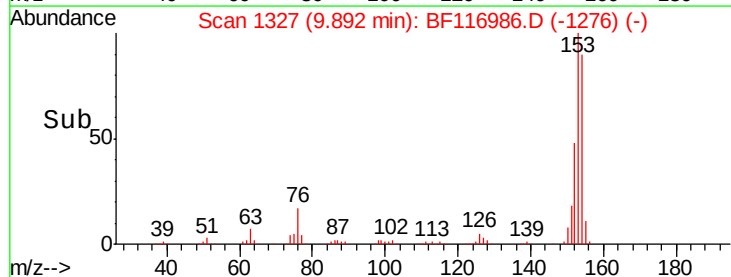
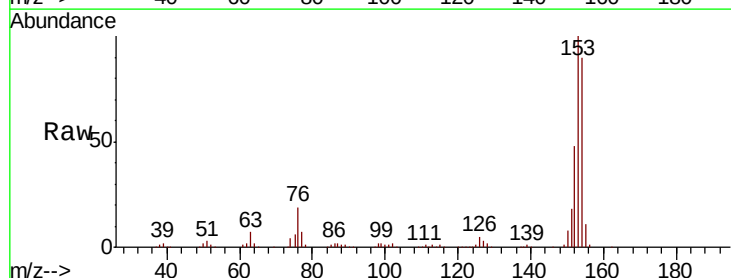
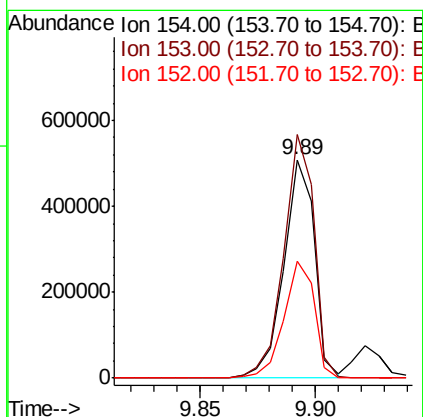
Manual Integrations
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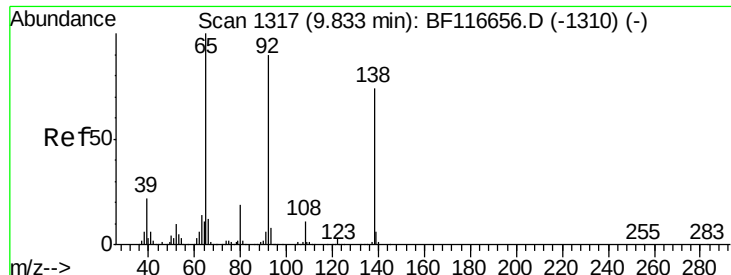
mohammad
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#52
Acenaphthene
Concen: 45.962 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	466495		
153	111.4		89.9	134.9
152	53.4		42.6	63.8





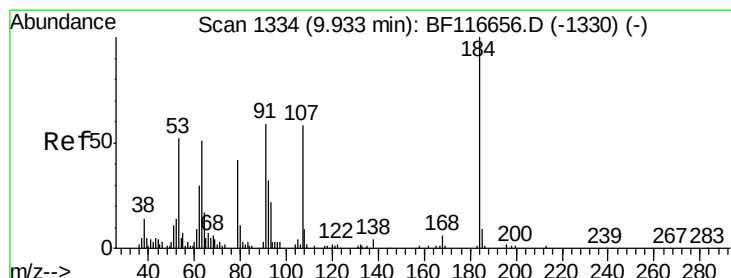
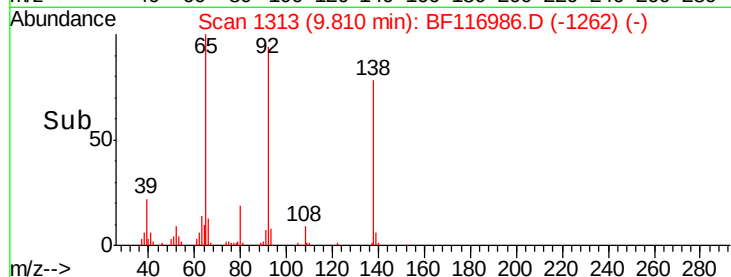
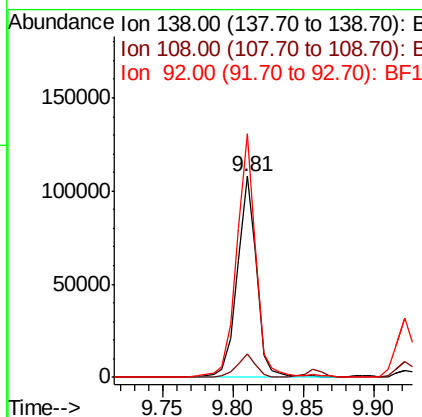
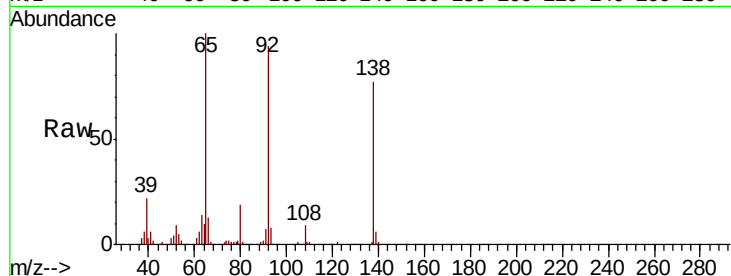
#53
3-Nitroaniline
Concen: 33.961 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	101931		
108	12.0	9.3	13.9	
92	121.0	98.9	148.3	

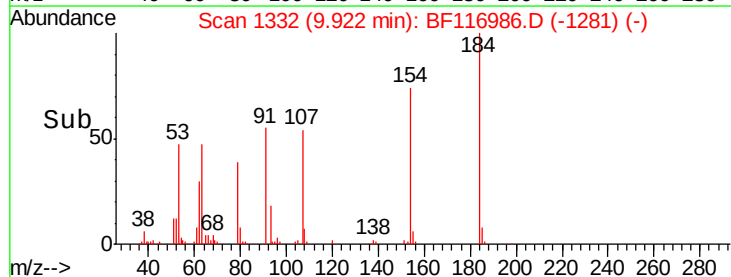
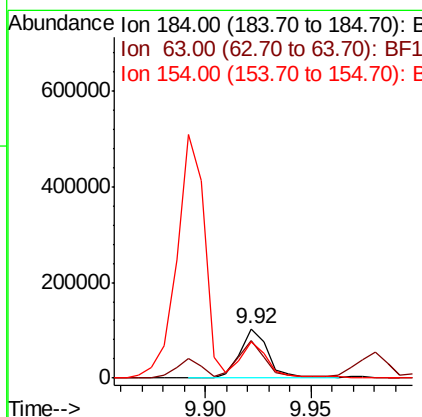
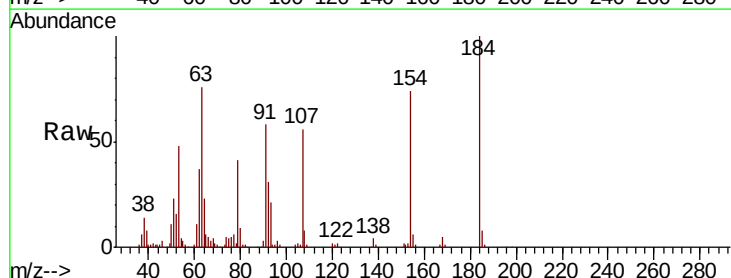
Manual Integrations
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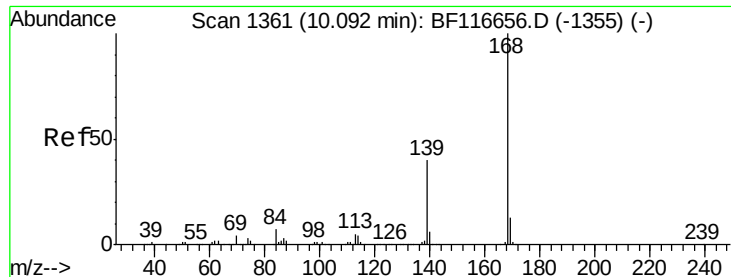
mohammad
9/16/2019 8:59:20 AM



#54
2,4-Dinitrophenol
Concen: 109.661 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	96404		
63	76.1	49.0	73.4#	
154	73.8	58.3	87.5	





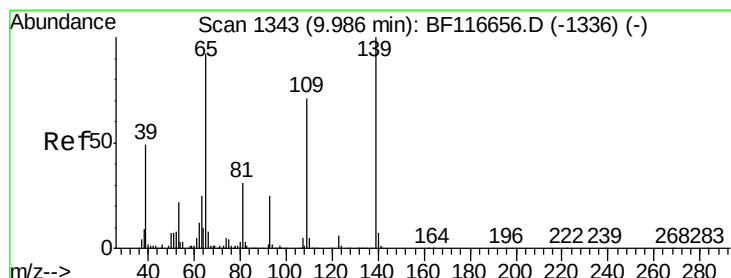
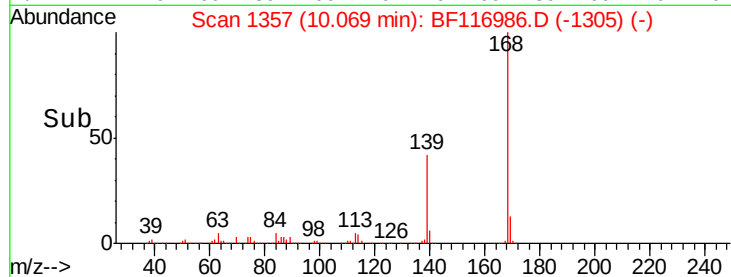
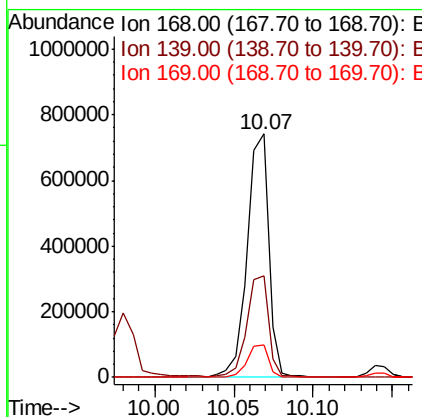
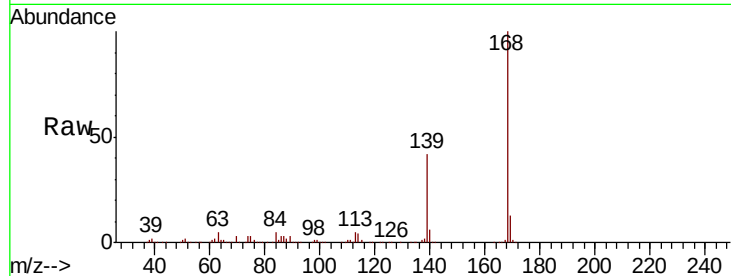
#55
Dibenzofuran
Concen: 48.987 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleID :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.7	34.2	51.4	
169	13.2	11.0	16.4	

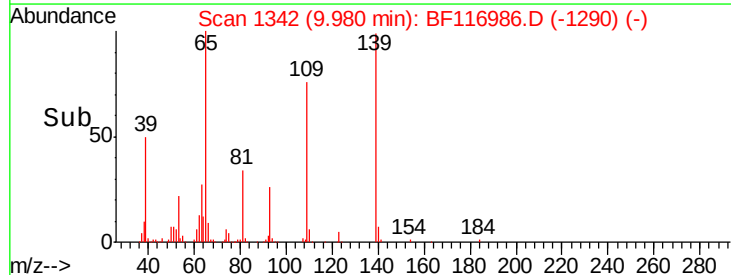
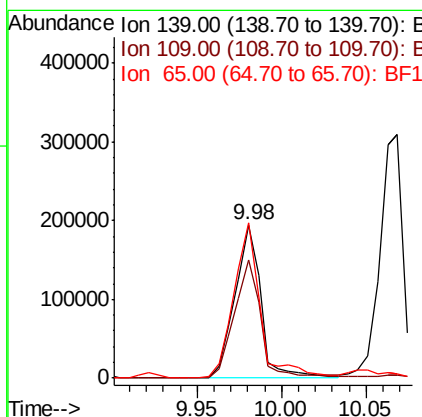
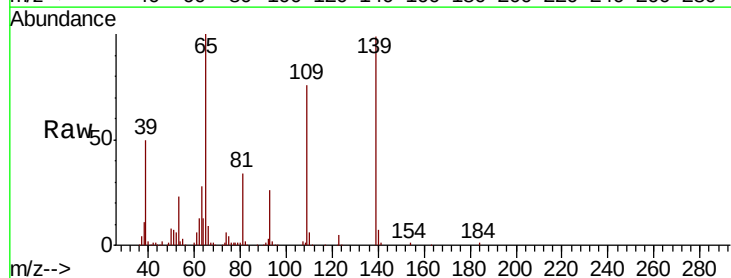
Manual Integrations
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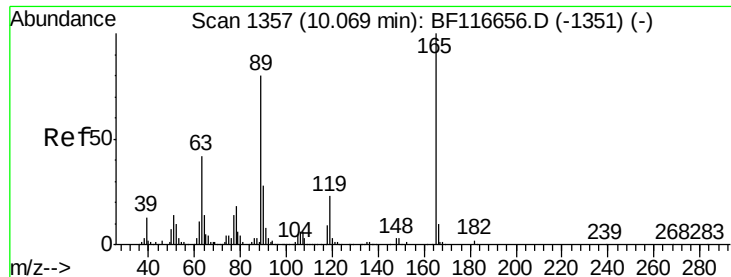
mohammad
9/16/2019 8:59:20 AM



#56
4-Nitrophenol
Concen: 101.391 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.4	54.0	94.0	
65	101.3	74.0	114.0	





#57

2,4-Dinitrotoluene

Concen: 59.156 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

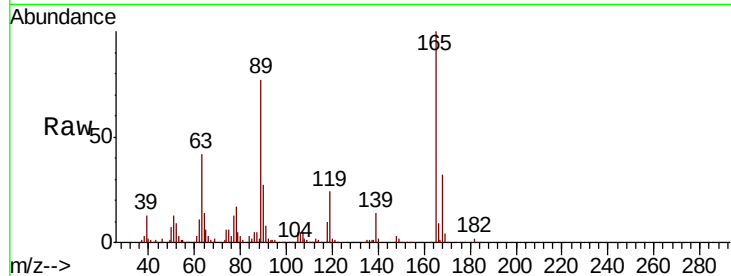
ClientSampleId :

PB122992BS

Tot Ion:	165	Resp:	173240
Ion Ratio	Lower	Upper	
165	100		
63	42.0	36.2	54.2
89	76.6	66.1	99.1
182	2.4	1.8	2.8

Manual Integrations
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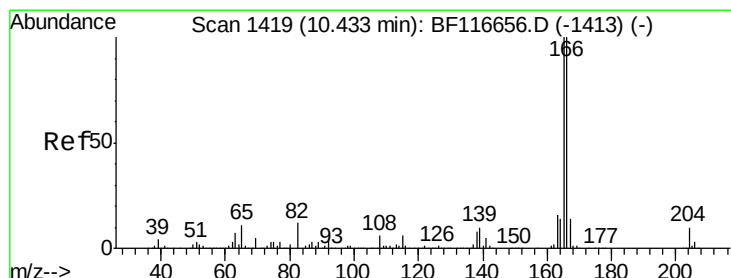
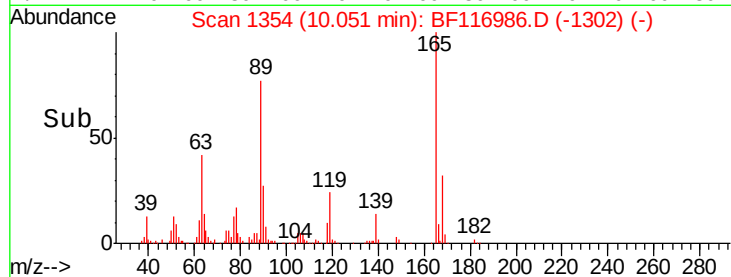
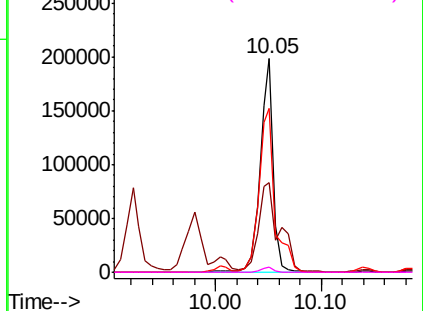
Abundance

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



#58

Fluorene

Concen: 51.110 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

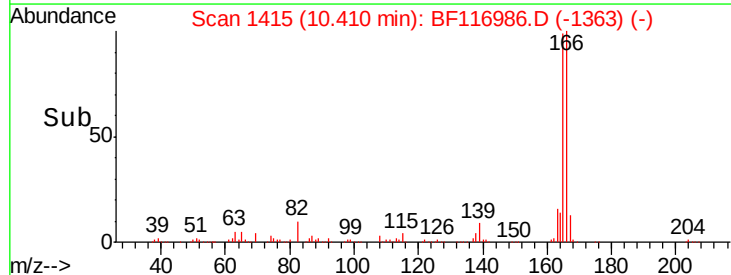
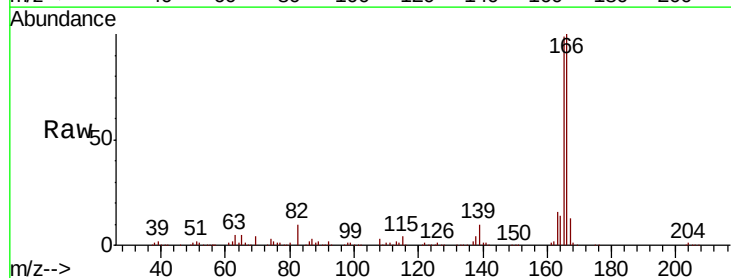
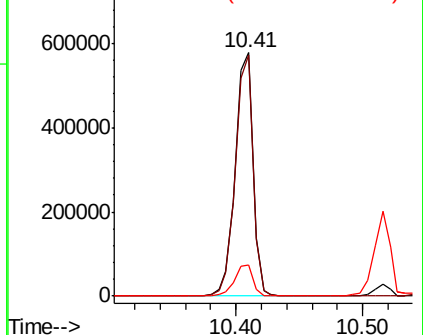
Tgt Ion:	166	Resp:	557208
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.0	115.6
167	12.7	10.7	16.1

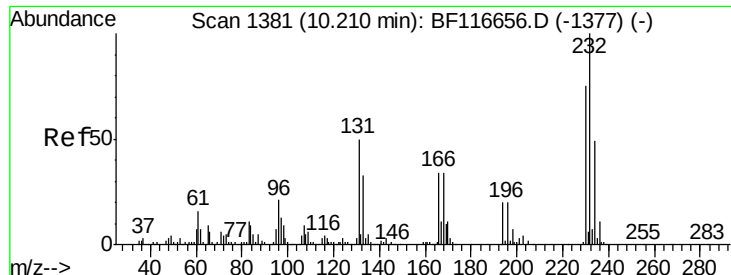
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





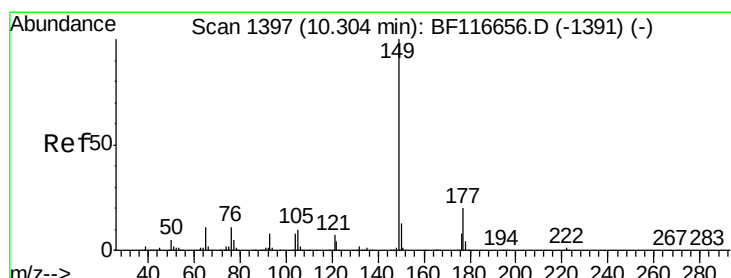
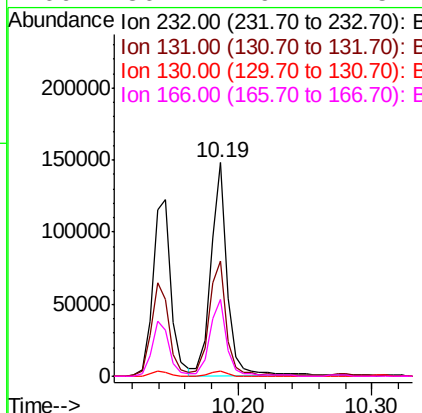
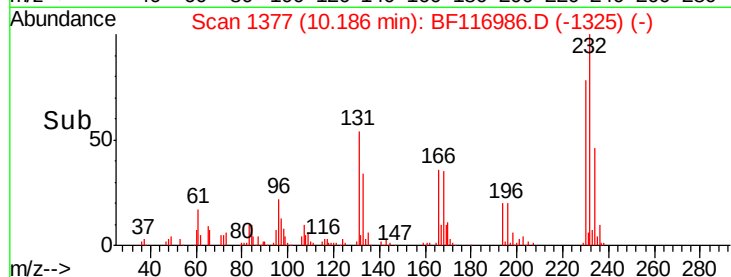
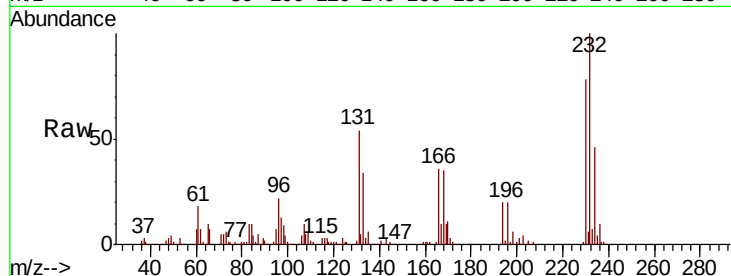
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.940 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	127471		
131	56.8	46.1	69.1	
130	2.6	2.2	3.4	
166	36.7	29.1	43.7	

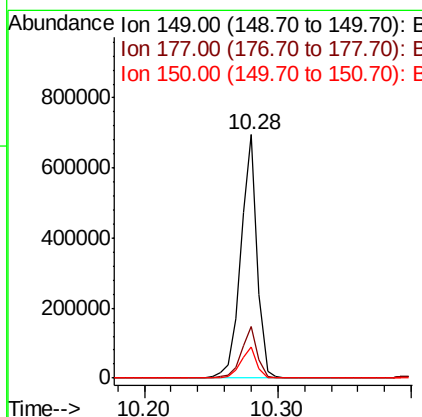
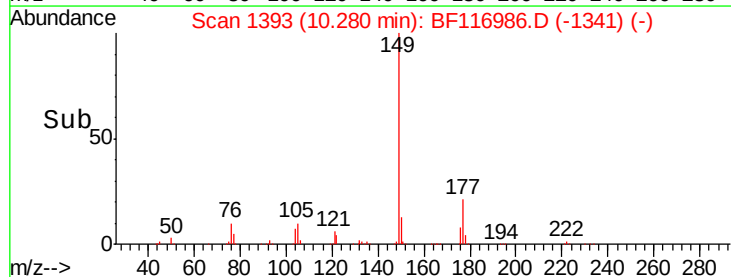
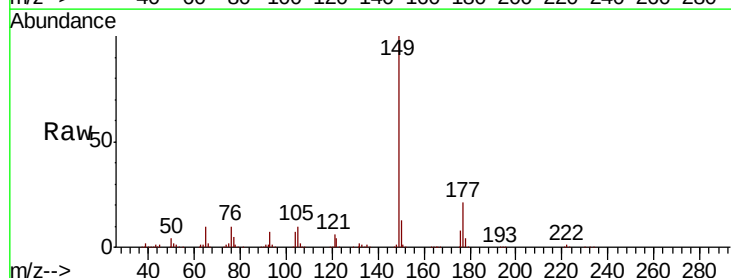
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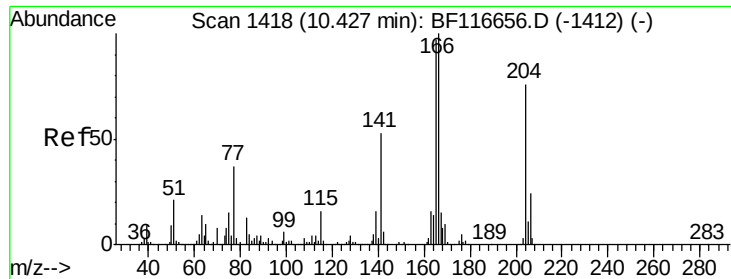
mohammad
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#60
Diethylphthalate
Concen: 46.814 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	588656		
177	21.3	15.9	23.9	
150	13.0	10.0	15.0	





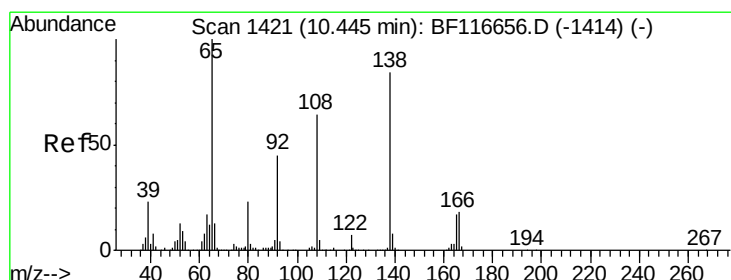
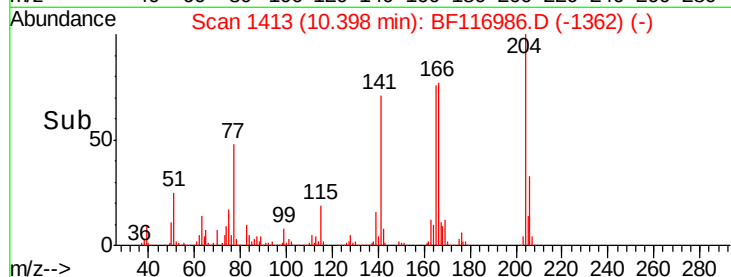
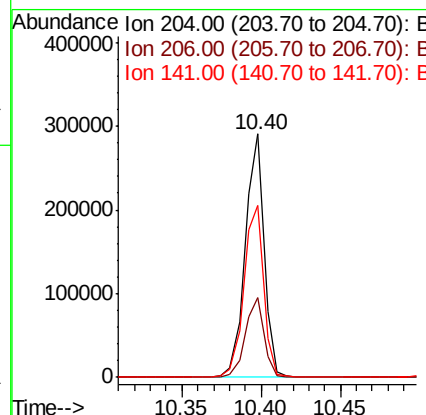
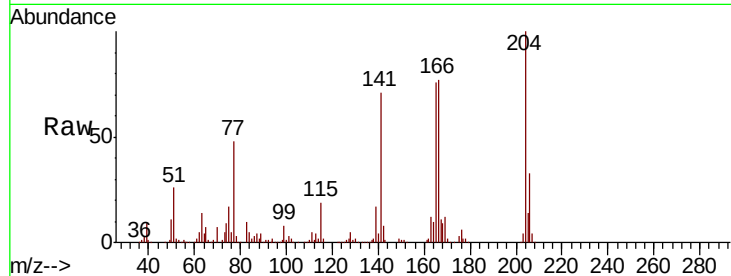
#61
4-Chlorophenyl-phenylether
Concen: 50.184 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	239581		
206	33.0	26.2	39.2	
141	70.7	58.0	87.0	

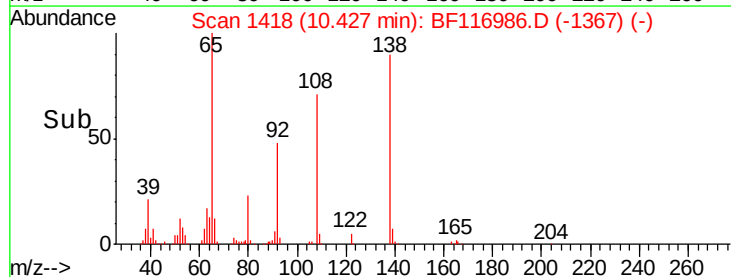
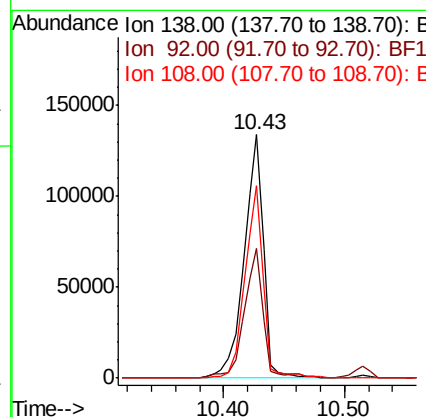
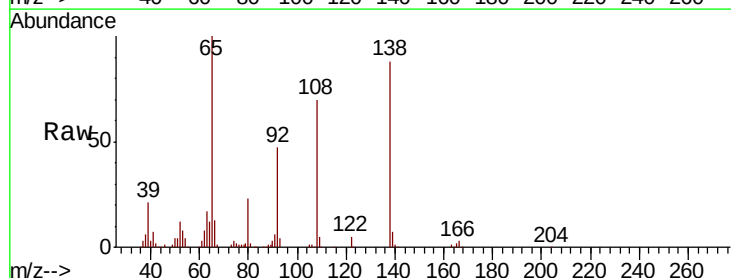
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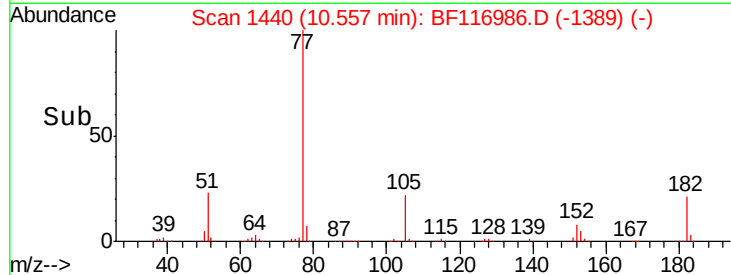
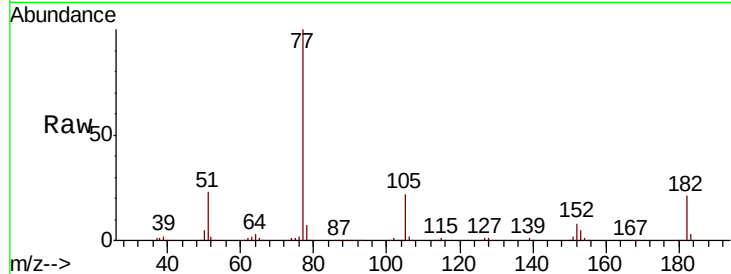
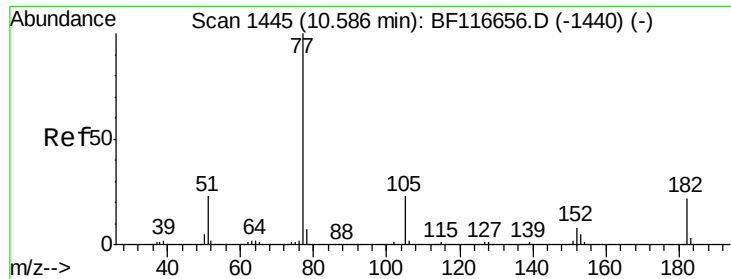
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#62
4-Nitroaniline
Concen: 51.525 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150081		
92	53.4	31.0	71.0	
108	79.2	59.1	99.1	





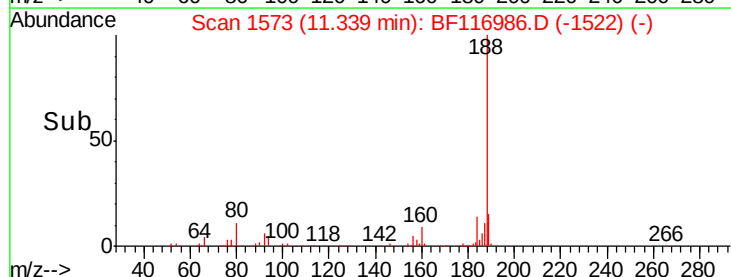
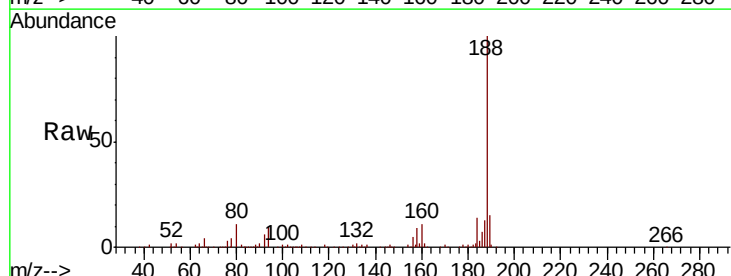
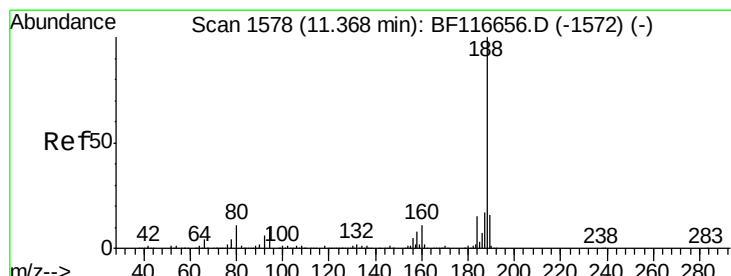
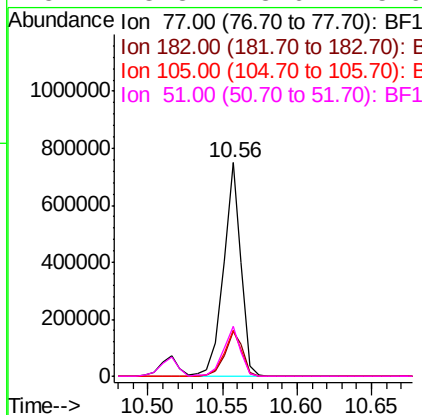
#63
Azobenzene
Concen: 47.164 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		618393		
182	20.9	1.9	41.9		
105	21.9	1.5	41.5		
51	23.3	3.6	43.6		

Instrument :
BNA_F
ClientSampleId :
PB122992BS

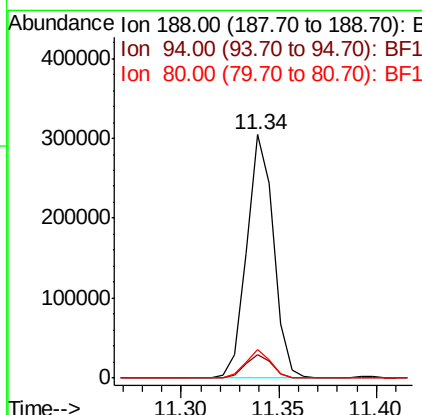
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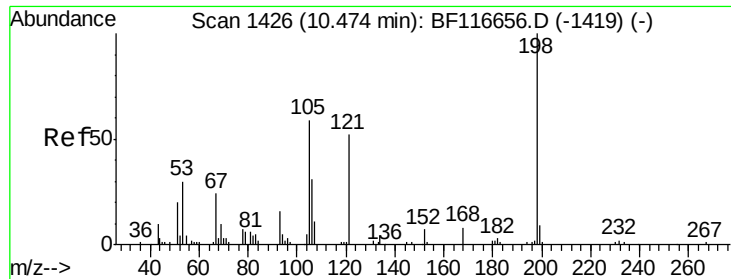
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		289816		
94	9.8	7.4	11.2		
80	11.5	8.5	12.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 63.607 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

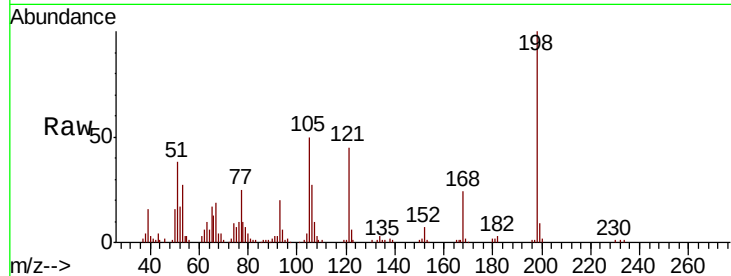
ClientSampled :

PB122992BS

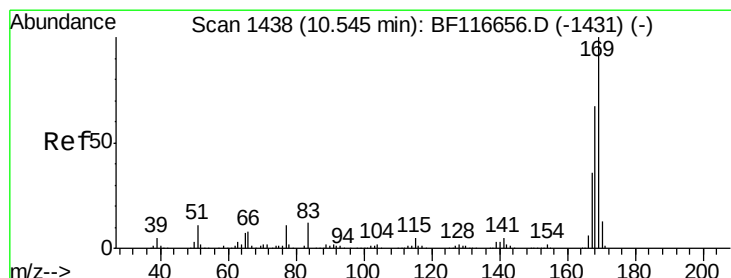
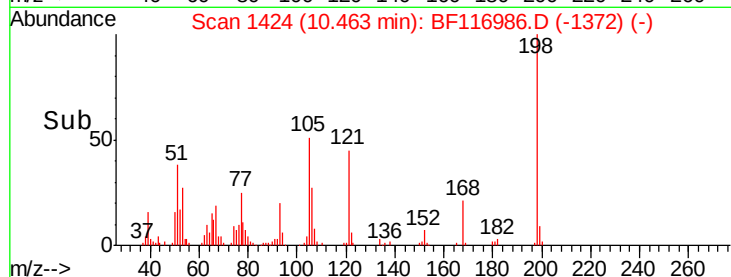
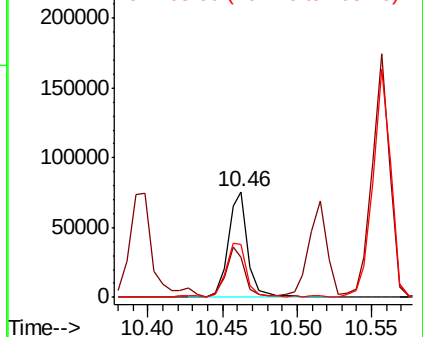
Tot Ion:	198	Resp:	70954
Ion Ratio	Lower	Upper	
198	100		
51	38.0	26.3	66.3
105	50.5	40.0	80.0

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



#66

n-Nitrosodiphenylamine

Concen: 48.735 ng

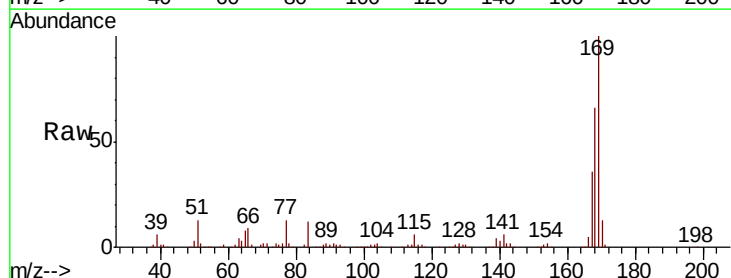
RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

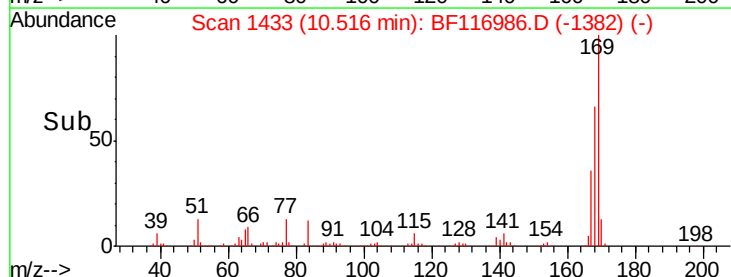
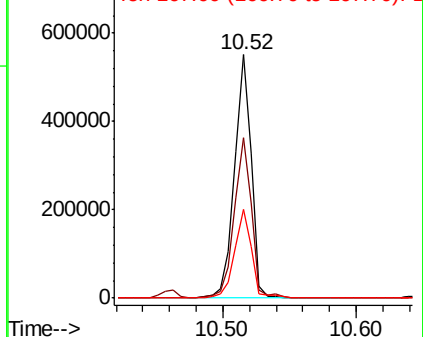
Lab File: BF116986.D

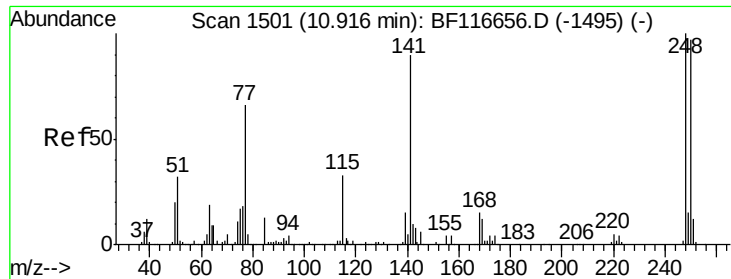
Acq: 12 Sep 2019 12:04

Tgt Ion:	169	Resp:	488603
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.5	80.3
167	36.4	28.7	43.1



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





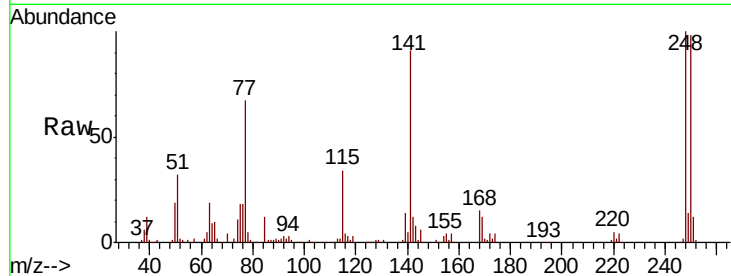
#67
 4-Bromophenyl-phenylether
 Concen: 47.289 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.4
141	90.8	70.2	105.2

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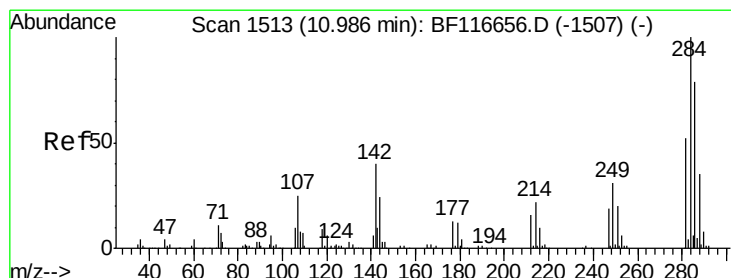
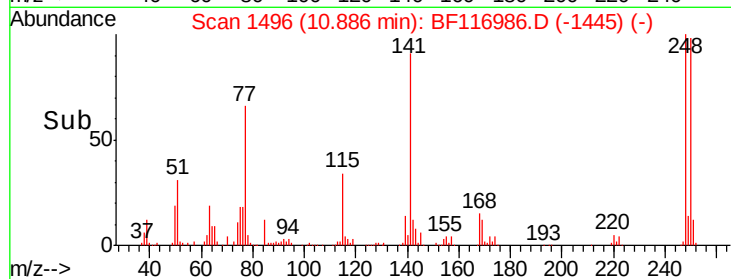
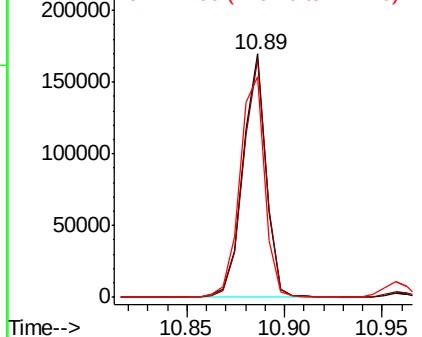


Abundance

Ion 248.00 (247.70 to 248.70): E

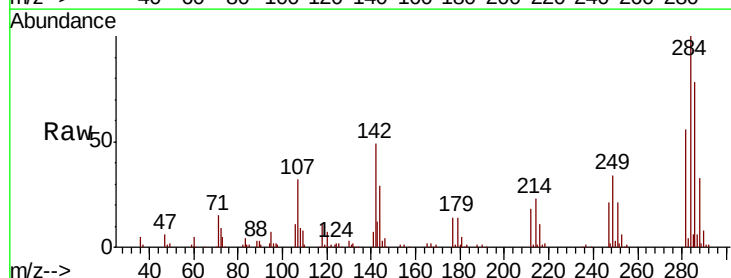
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.936 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	48.7	37.2	55.8
249	33.7	25.9	38.9

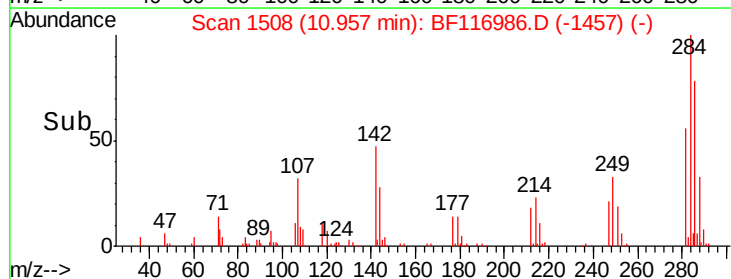
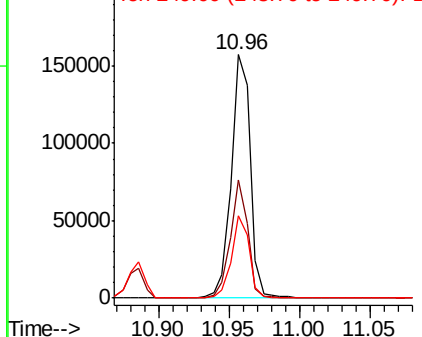


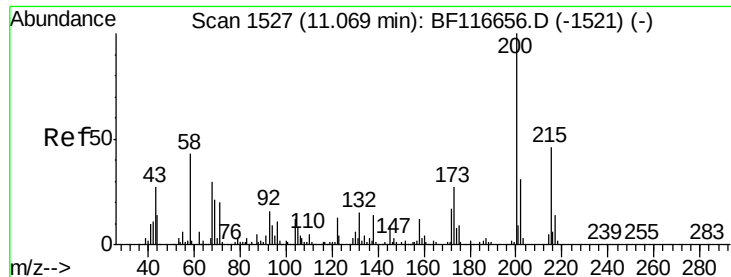
Abundance

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





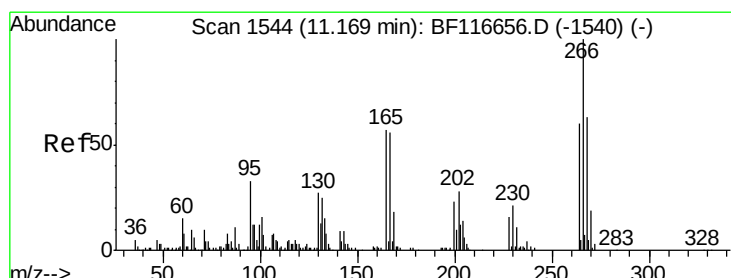
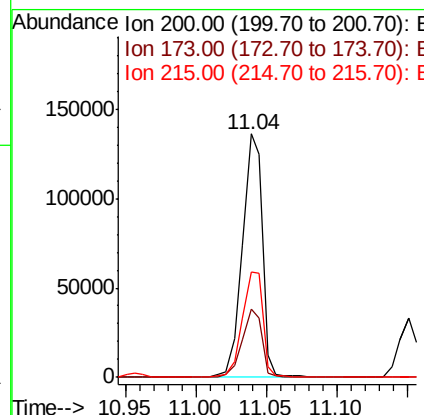
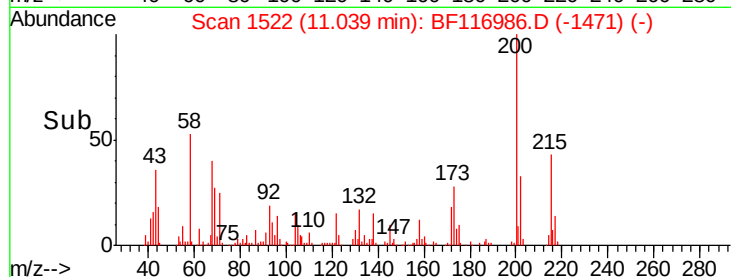
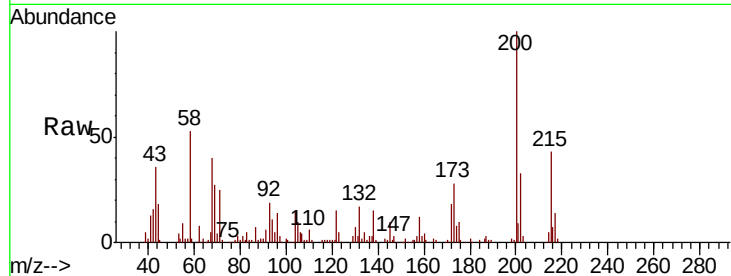
#69
Atrazine
Concen: 47.726 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	134013		
173	28.3	7.0	47.0	
215	43.3	22.9	62.9	

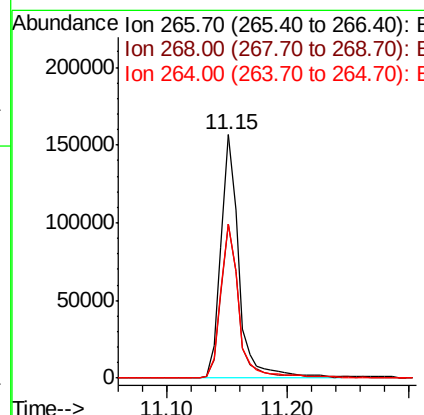
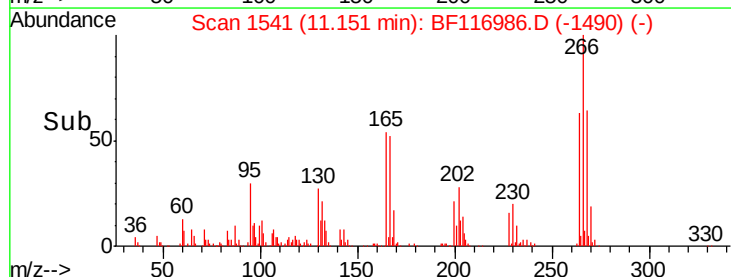
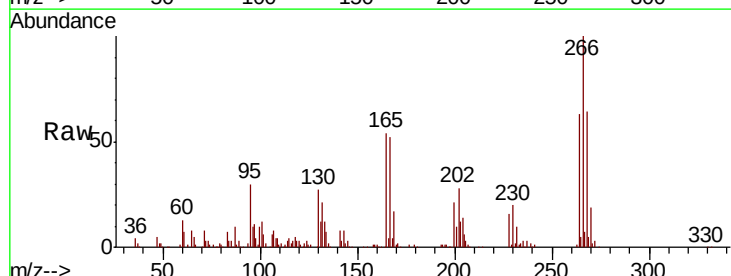
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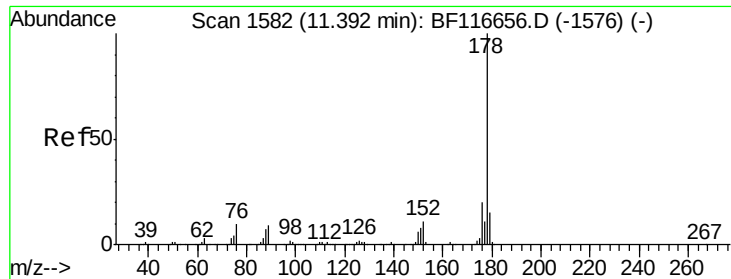
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#70
Pentachlorophenol
Concen: 108.749 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	162047		
268	63.5	51.4	77.2	
264	63.2	52.1	78.1	





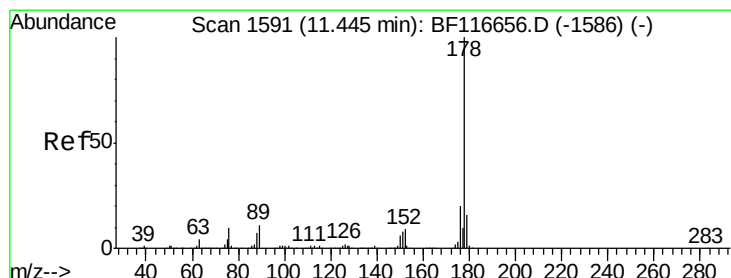
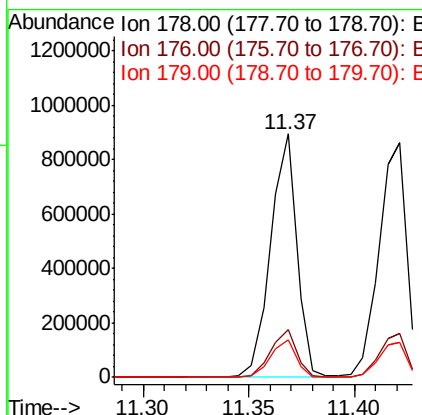
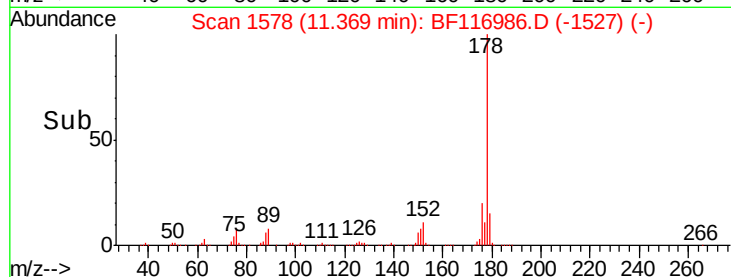
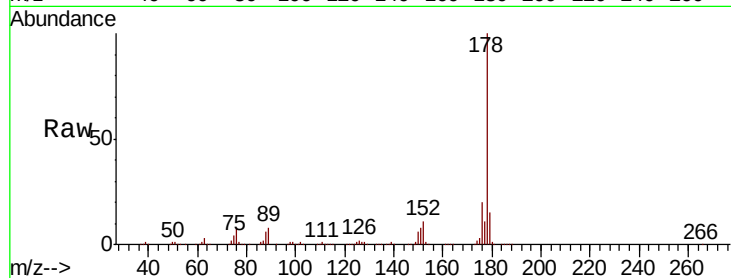
#71
Phenanthrene
Concen: 48.244 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.3	12.0	18.0

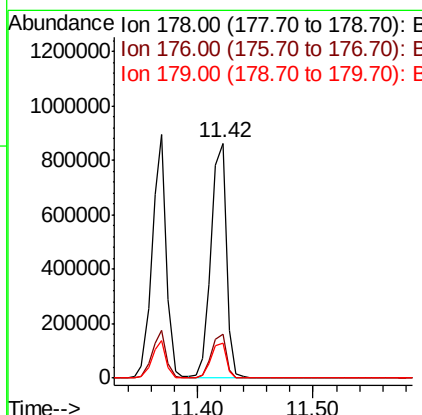
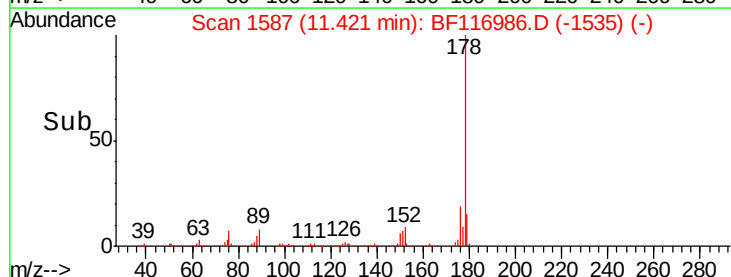
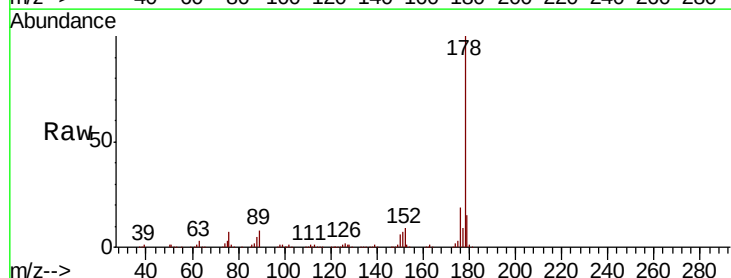
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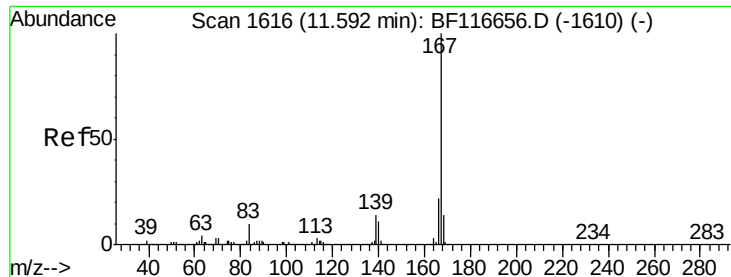
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#72
Anthracene
Concen: 49.584 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	14.7	12.3	18.5





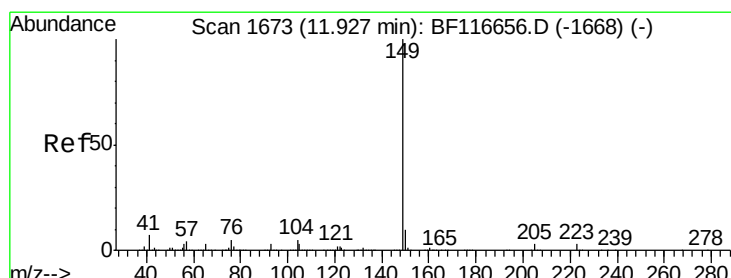
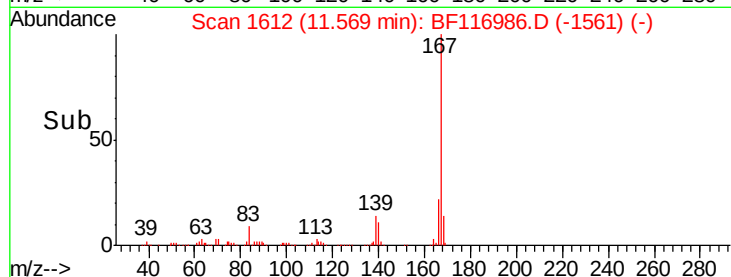
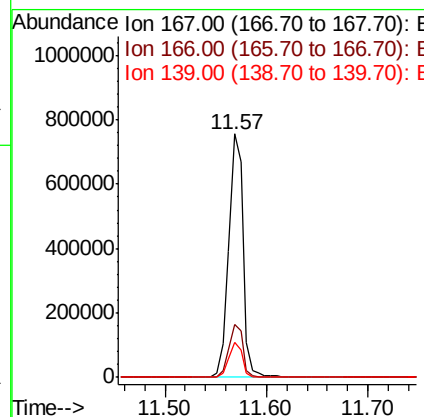
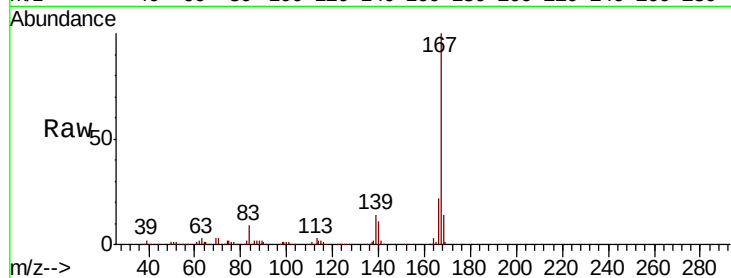
#73
 Carbazole
 Concen: 48.126 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	14.2	11.4	17.2

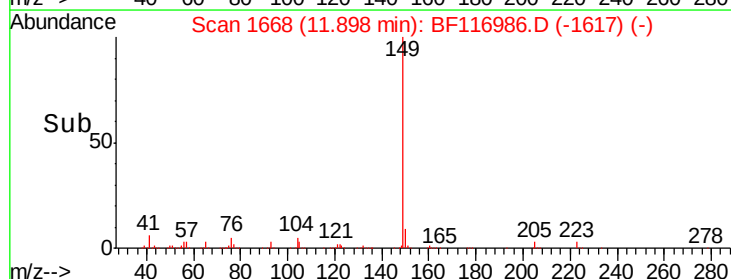
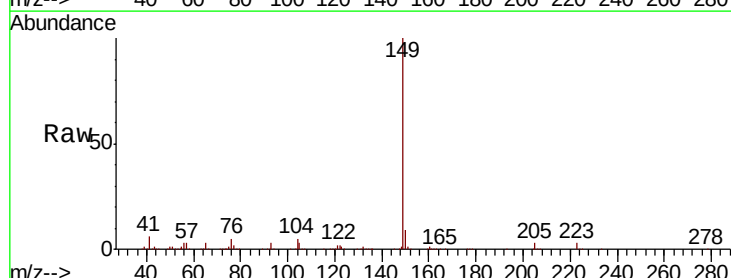
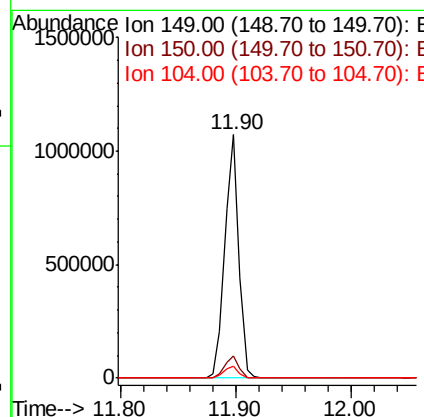
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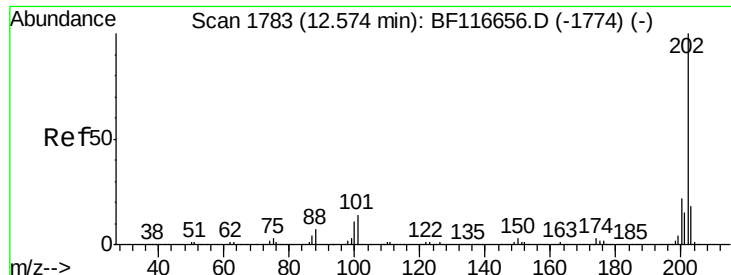
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#74
 Di-n-butylphthalate
 Concen: 45.270 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.1	4.3	6.5





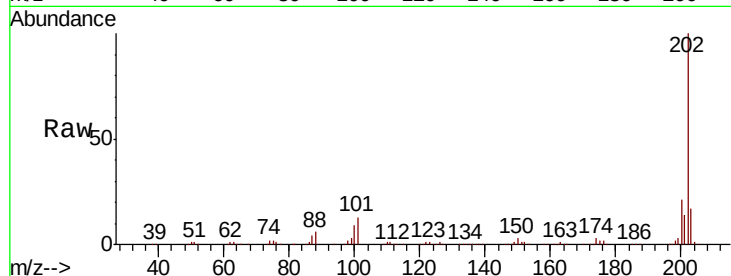
#75
Fluoranthene
Concen: 48.733 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

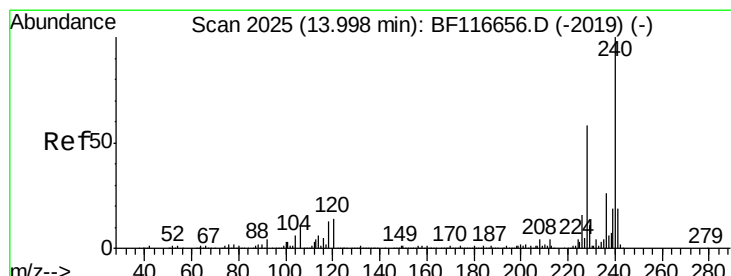
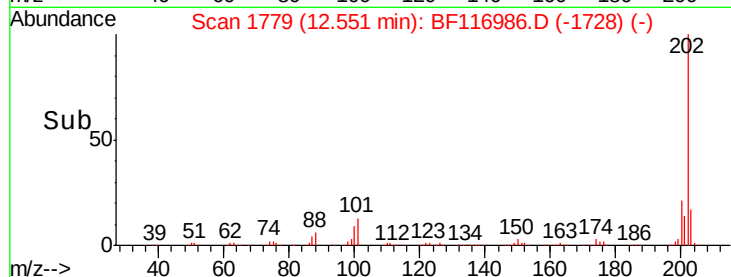
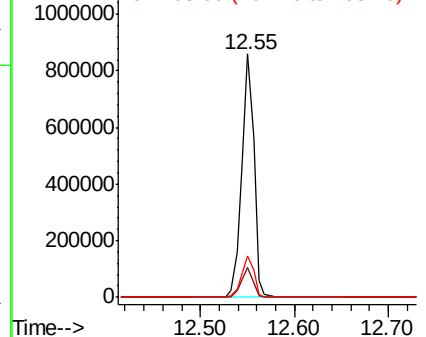
Tot Ion	Ratio	Resp	Lower	Upper
202	100	772654		
101	12.5	0.0	32.0	
203	16.9	0.0	37.5	

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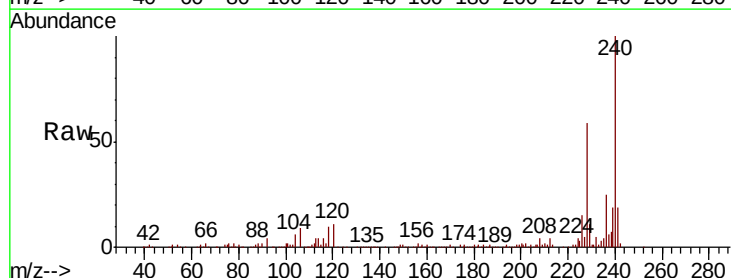


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

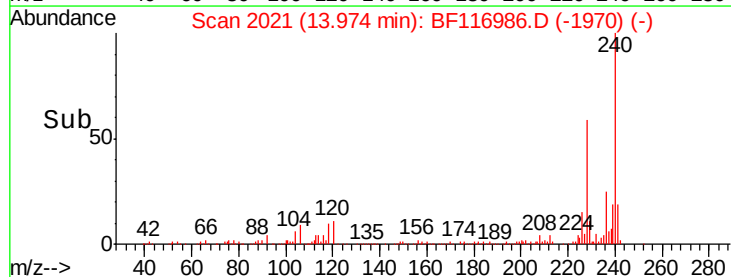
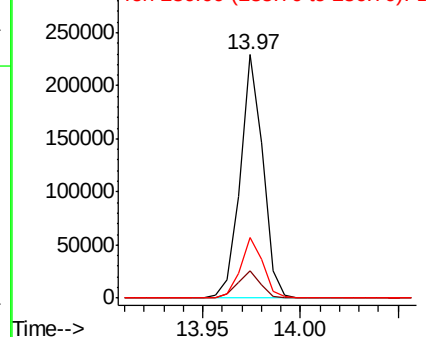


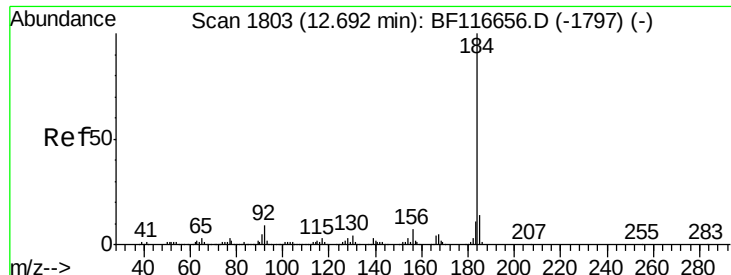
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	183990		
120	11.0	9.1	13.7	
236	24.9	20.9	31.3	



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: 48.231 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

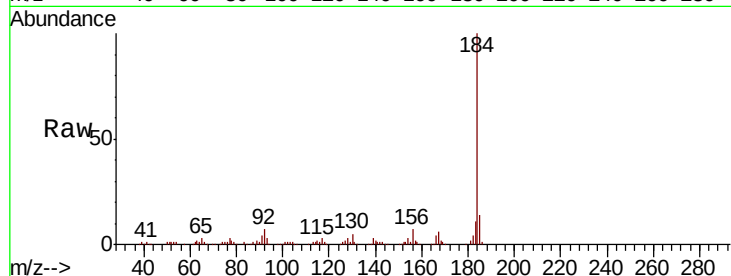
ClientSampleId :

PB122992BS

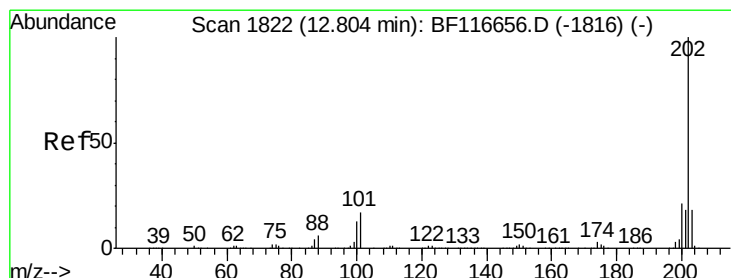
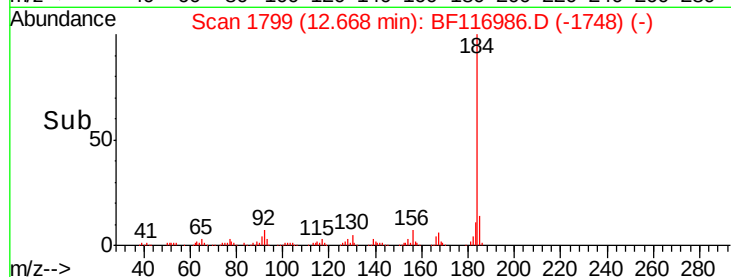
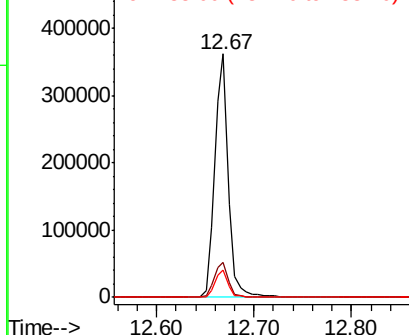
Tot Ion:	184	Resp:	348058
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.3	9.2	13.8

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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: 47.389 ng

RT: 12.78 min Scan# 1818

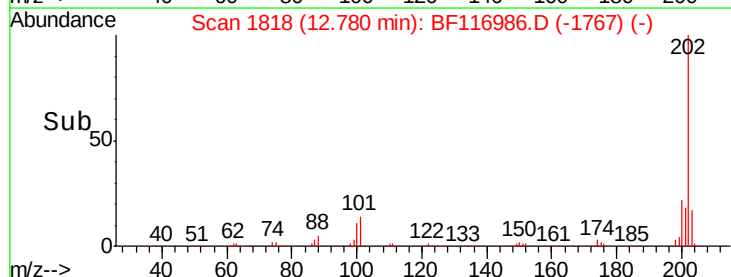
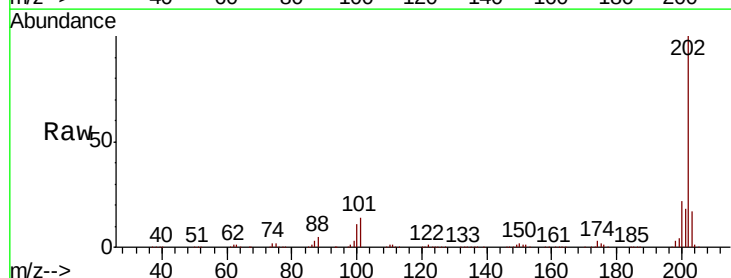
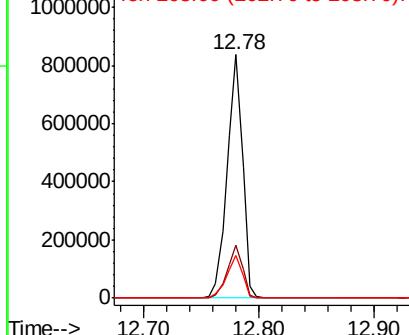
Delta R.T. -0.00 min

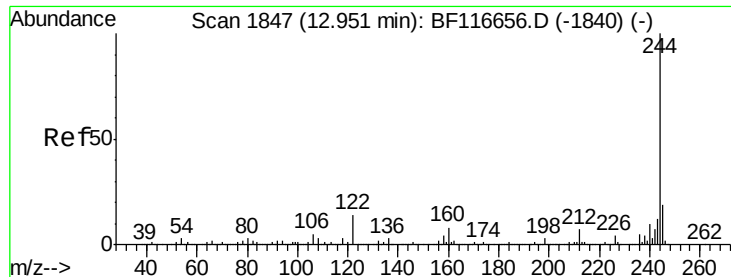
Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	202	Resp:	775070
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.2	25.8
203	17.3	14.2	21.2

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





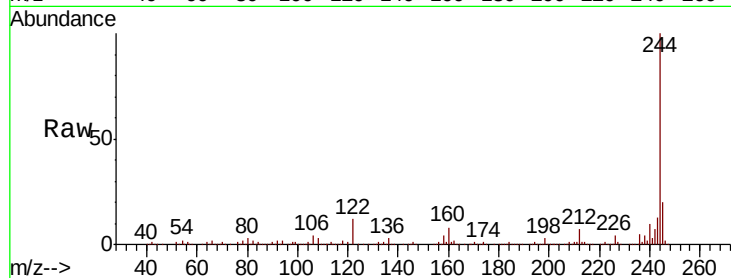
#79
 Terphenyl-d14
 Concen: 80.959 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

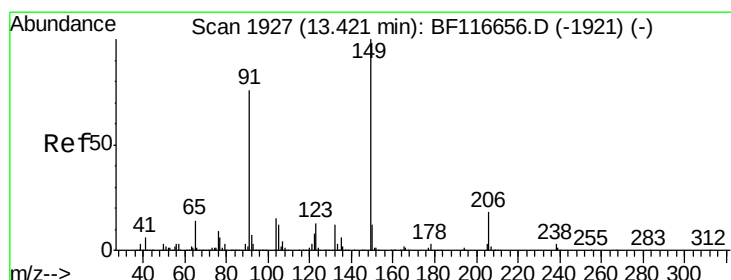
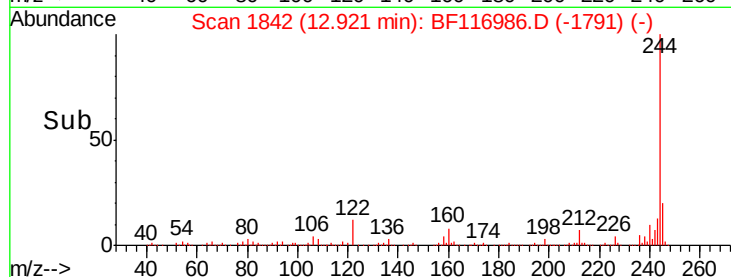
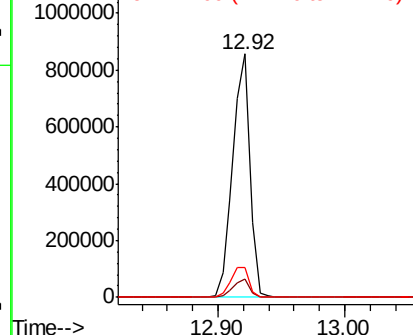
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.2	11.5	17.3

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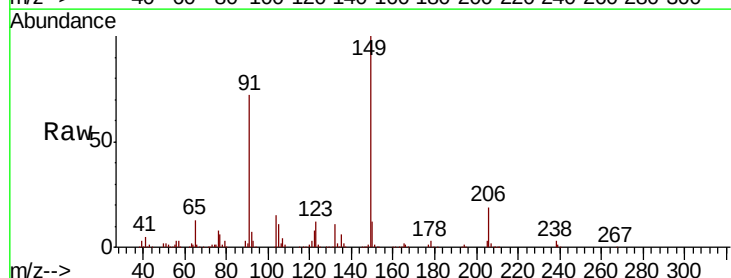


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

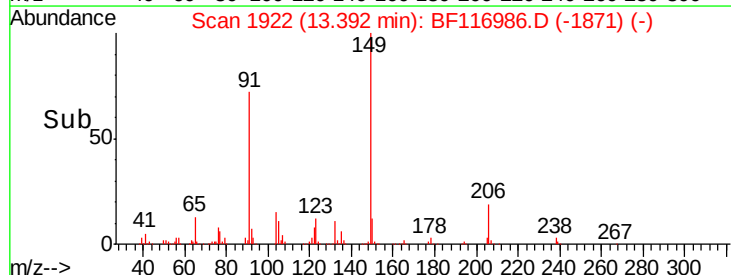
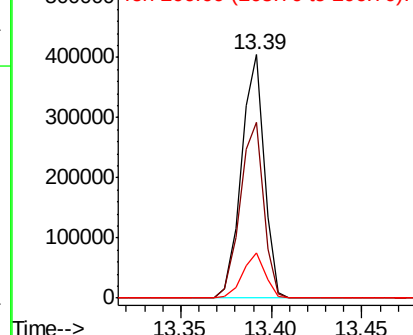


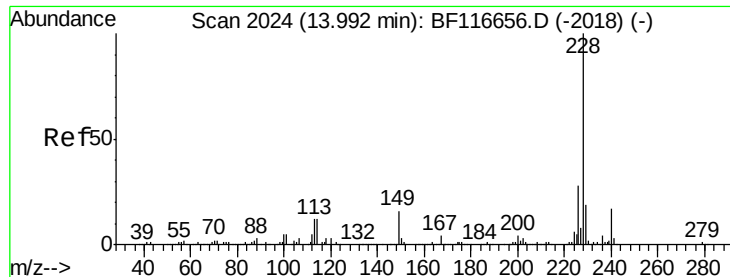
#80
 Butylbenzylphthalate
 Concen: 44.667 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	55.8	83.8
206	18.5	15.0	22.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.130 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

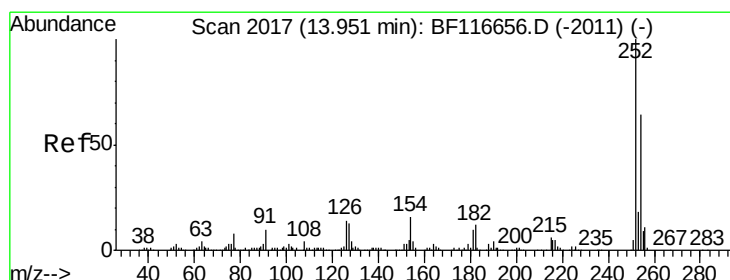
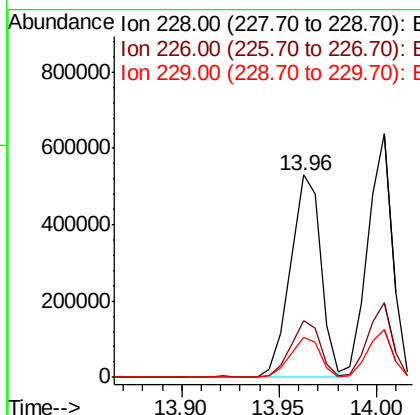
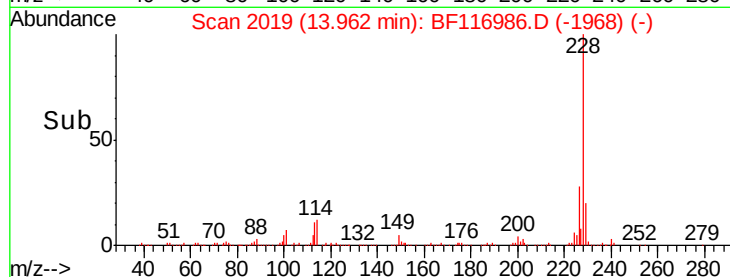
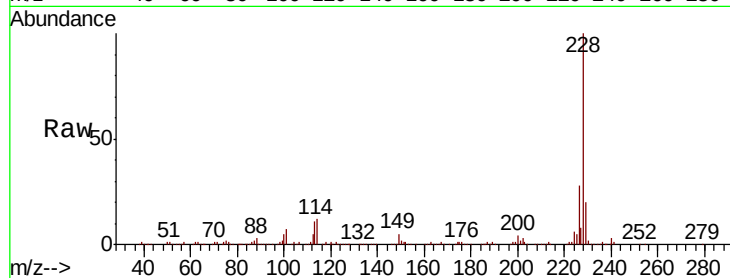
ClientSampleId :

PB122992BS

Tot Ion:	228	Resp:	572098
Ion Ratio		Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.6	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 35.425 ng

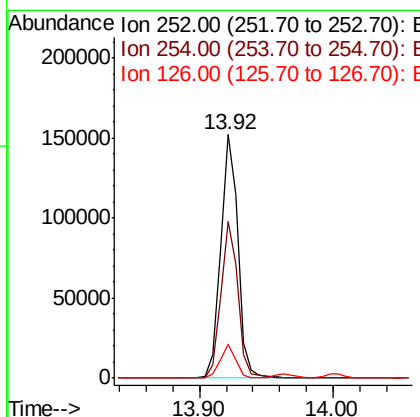
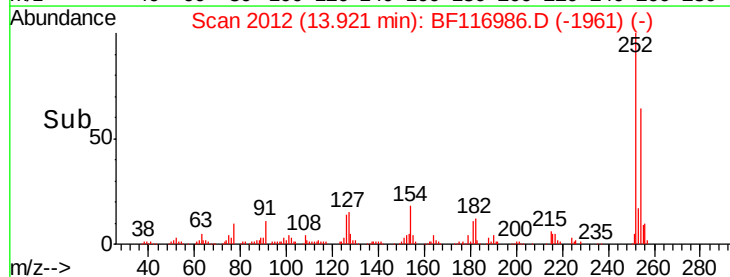
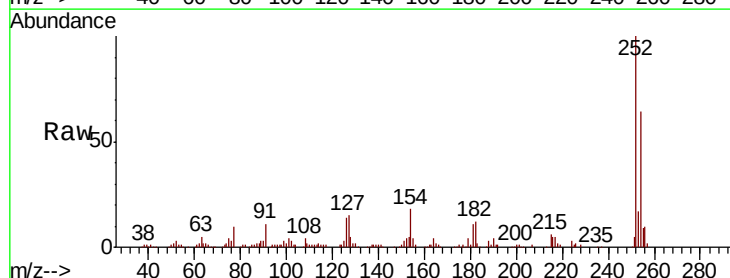
RT: 13.92 min Scan# 2012

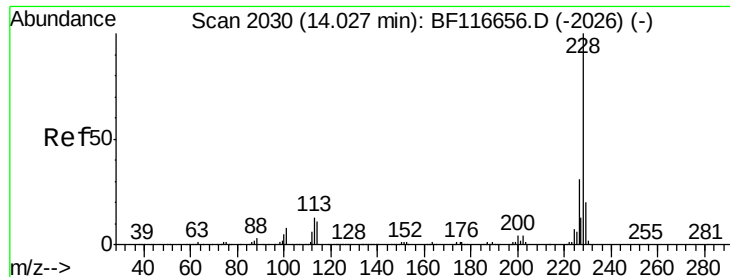
Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion:	252	Resp:	139404
Ion Ratio		Lower	Upper
252	100		
254	64.1	51.8	77.8
126	14.0	10.9	16.3





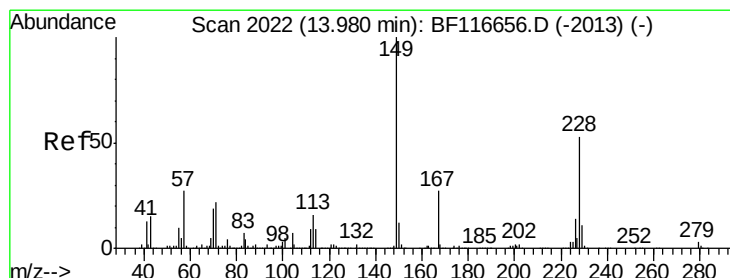
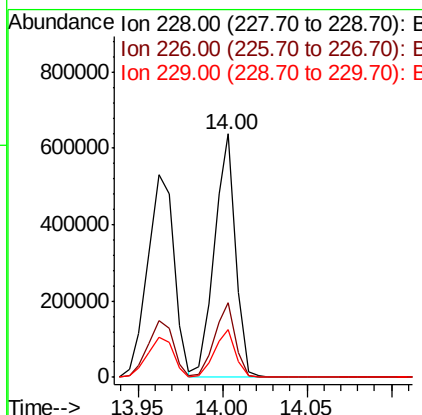
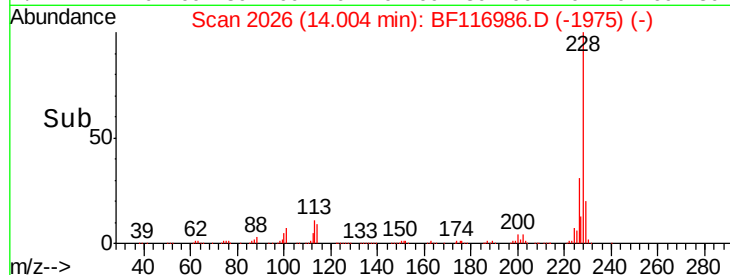
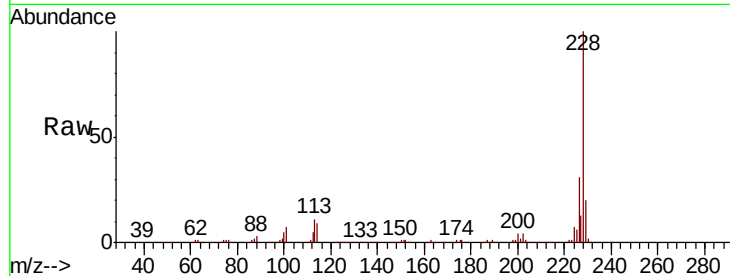
#83
 Chrysene
 Concen: 46.653 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BS

Tot Ion:	228	Resp:	559694
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.8	15.7	23.5

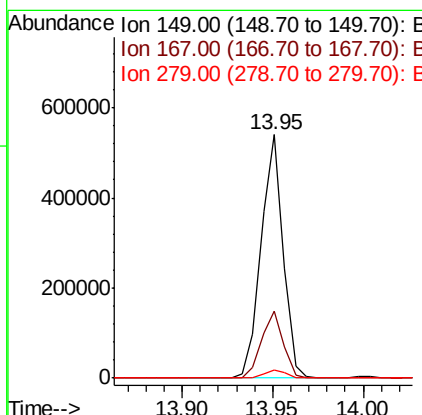
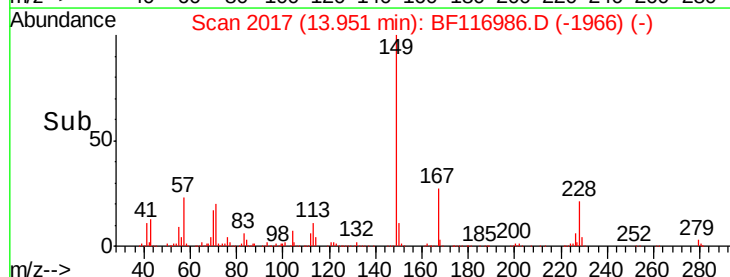
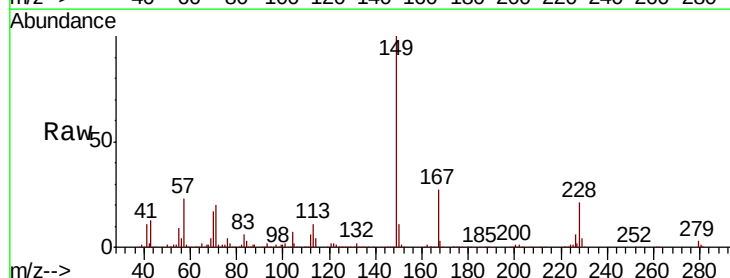
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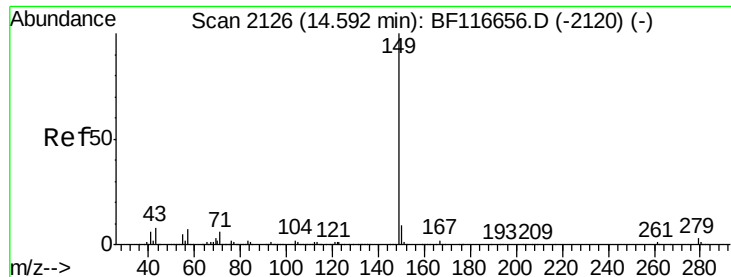
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.551 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF116986.D
 Acq: 12 Sep 2019 12:04

Tgt Ion:	149	Resp:	457048
Ion Ratio		Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.4	2.6	3.8





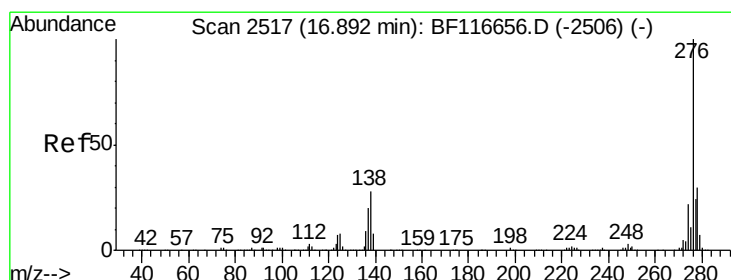
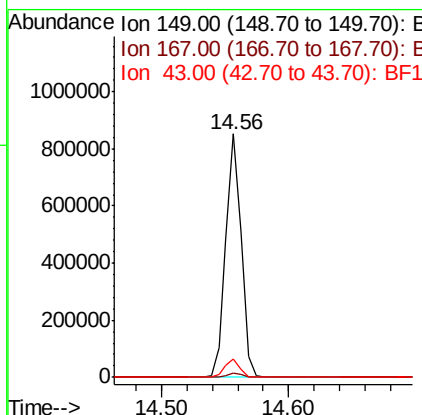
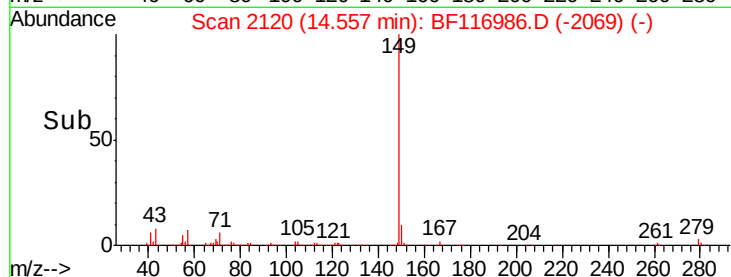
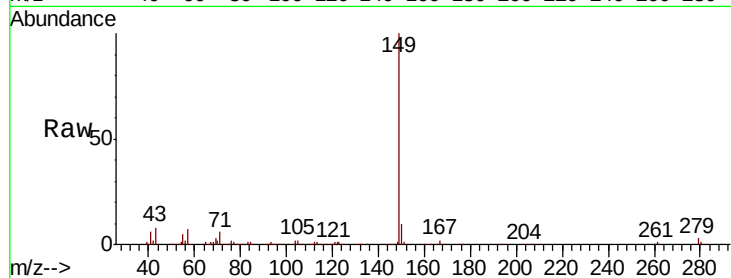
#85
Di-n-octyl phthalate
Concen: 44.985 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		722784		
167	1.5	1.2	1.8		
43	7.5	6.2	9.4		

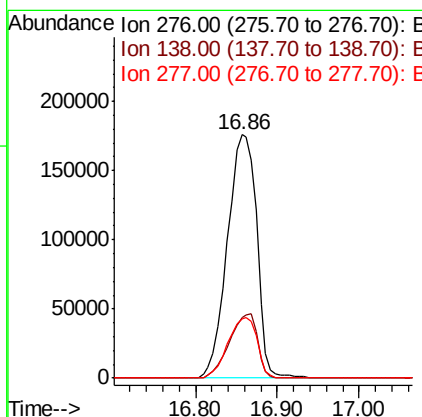
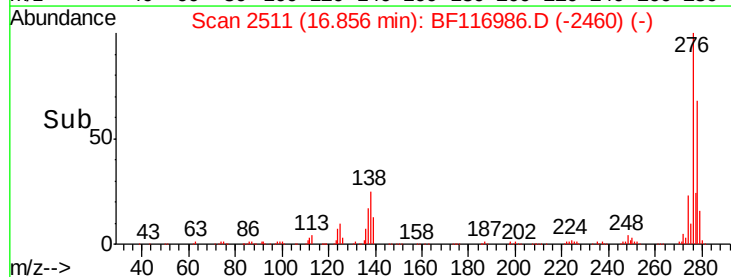
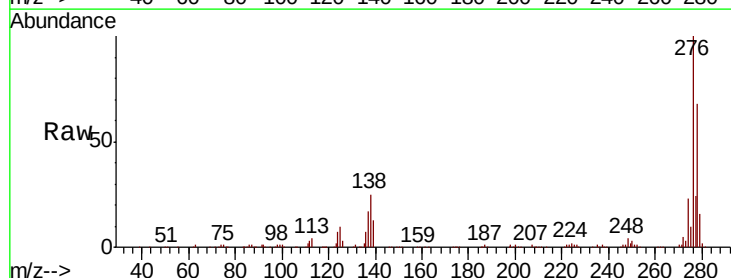
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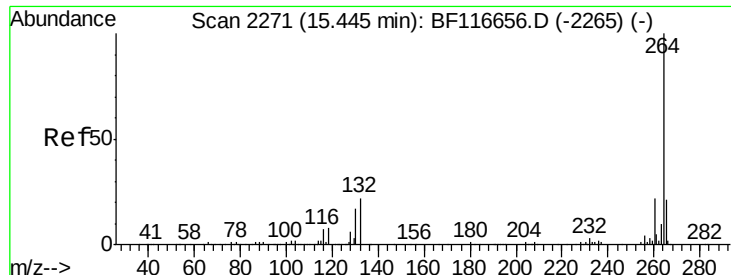
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.556 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		438983		
138	25.3	20.6	31.0		
277	24.7	19.9	29.9		





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Instrument :

BNA_F

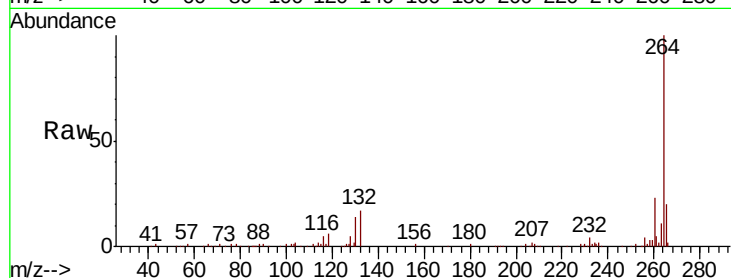
ClientSampleId :

PB122992BS

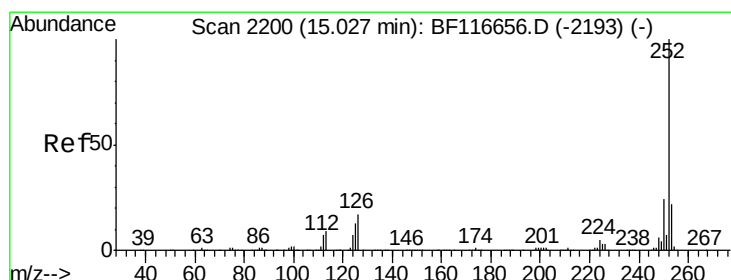
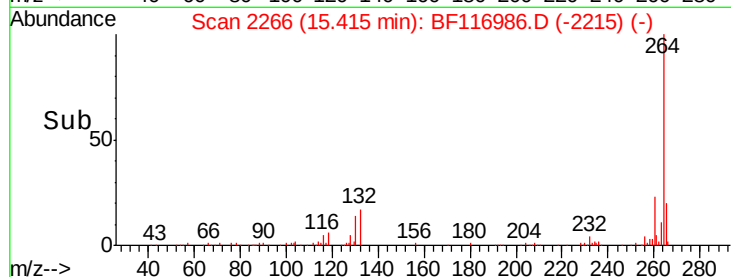
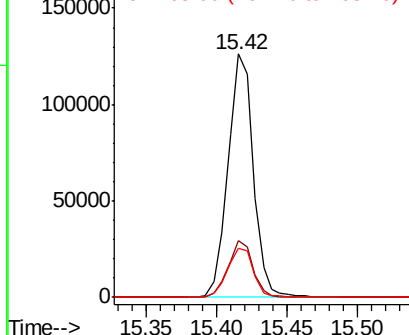
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.4	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 48.603 ng

RT: 15.00 min Scan# 2196

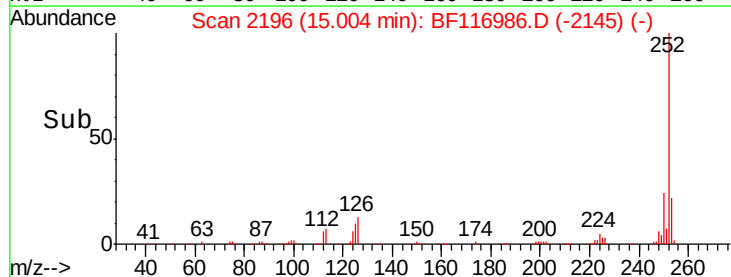
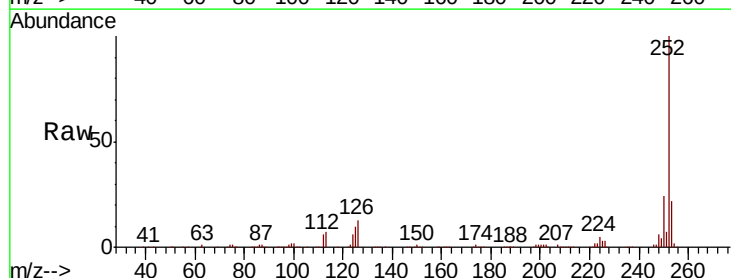
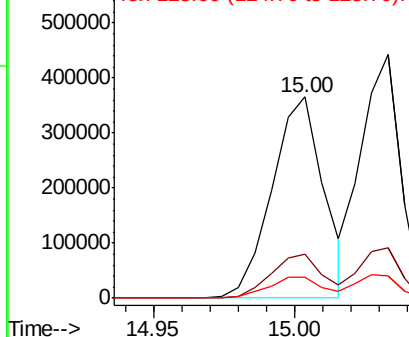
Delta R.T. -0.00 min

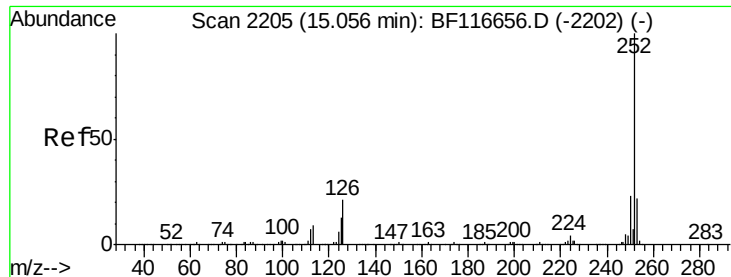
Lab File: BF116986.D

Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	8.3	12.5

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





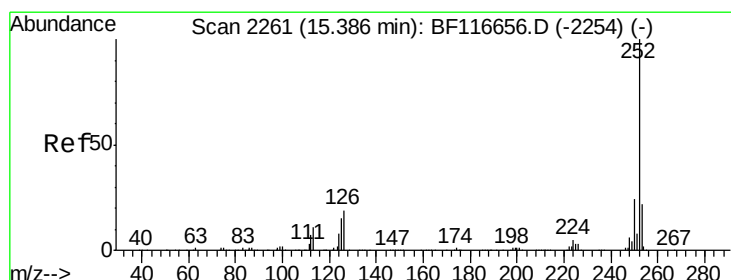
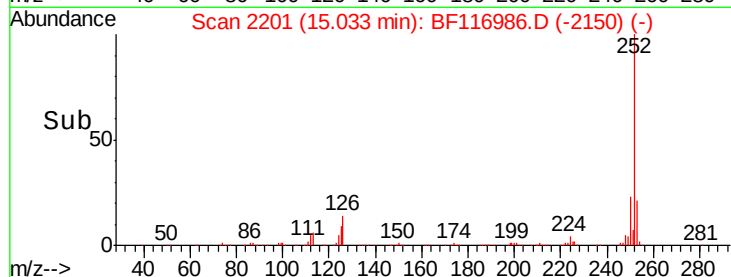
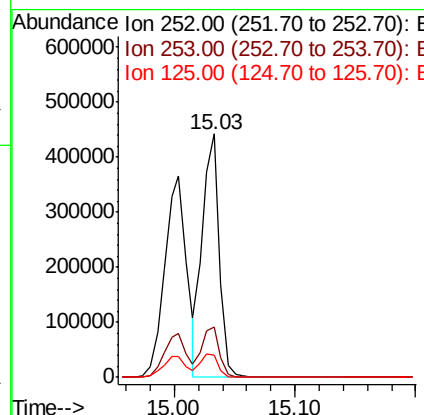
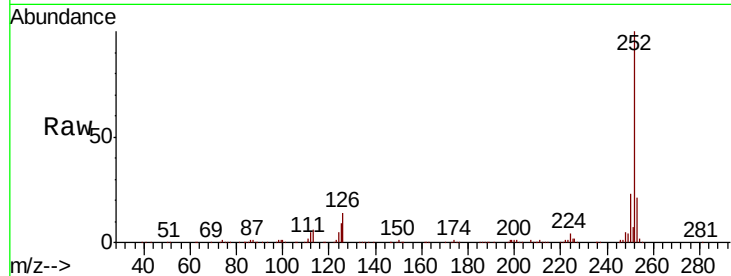
#89
Benzo(k)fluoranthene
Concen: 50.067 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.8	25.2
125	9.2	7.6	11.4

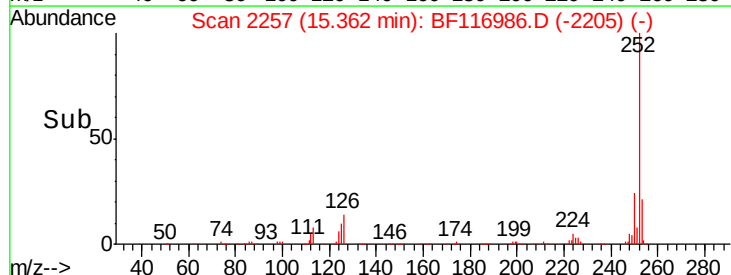
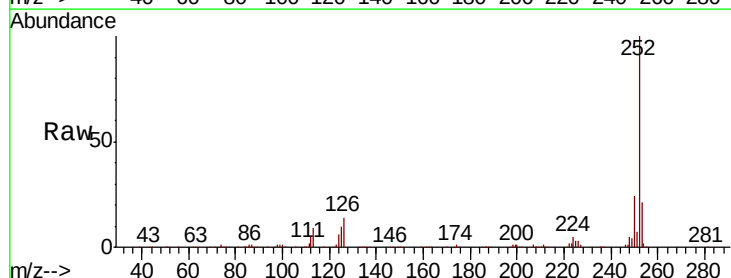
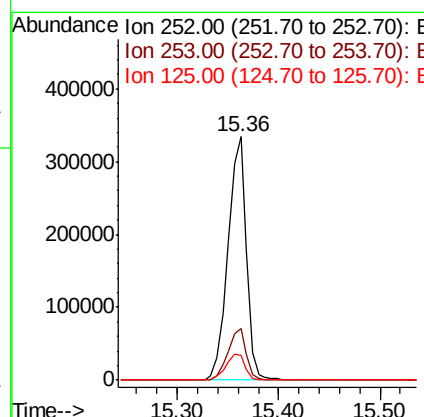
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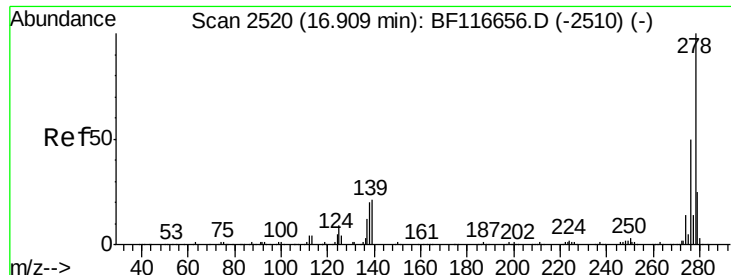
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#90
Benzo(a)pyrene
Concen: 50.693 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	10.1	10.2	15.2





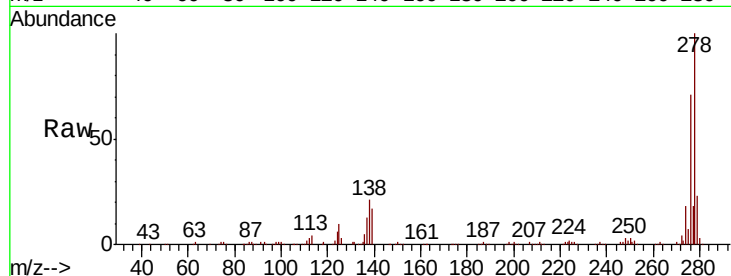
#91
Dibenzo(a,h)anthracene
Concen: 49.637 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB122992BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	22.8	18.6	27.8

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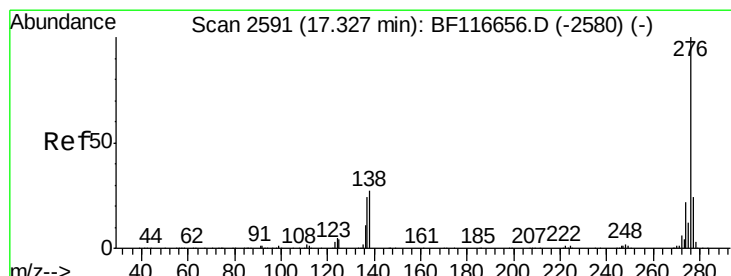
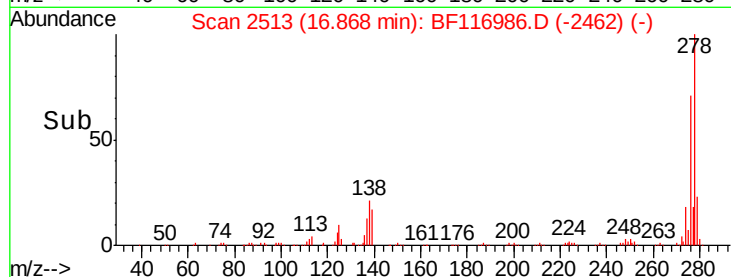
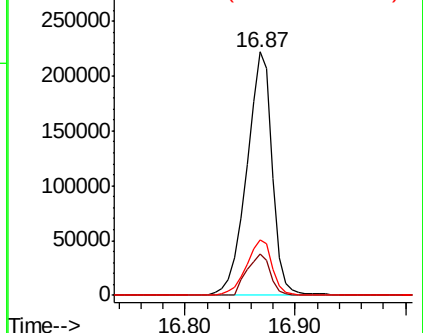


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.450 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF116986.D
Acq: 12 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	22.8	18.7	28.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

