

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116921.D
 Acq On : 10 Sep 2019 15:13
 Operator : HP/JU
 Sample : PB122853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:56:53 AM

Quant Time: Sep 10 17:59:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	78780	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	353926	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	188294	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	314269	20.00	ng	0.00
76) Chrysene-d12	13.99	240	221448	20.00	ng	0.00
87) Perylene-d12	15.44	264	153685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	518825	106.69	ng	0.01
7) Phenol-d6	6.47	99	671721	105.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	391005	63.07	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	154978	123.12	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	710877	63.69	ng	0.00
79) Terphenyl-d14	12.93	244	721517	60.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	76055	33.881	ng	96
3) Pyridine	3.40	79	165649	25.486	ng	92
4) n-Nitrosodimethylamine	3.33	42	74384	33.328	ng	88
6) Aniline	6.50	93	235815	26.664	ng	98
8) 2-Chlorophenol	6.62	128	229272	43.190	ng	95
9) Benzaldehyde	6.38	77	94969	22.575	ng	94
10) Phenol	6.49	94	292692	41.395	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	211051	38.334	ng	100
12) 1,3-Dichlorobenzene	6.77	146	227598	37.935	ng	97
13) 1,4-Dichlorobenzene	6.85	146	230116	38.525	ng	99
14) 1,2-Dichlorobenzene	7.00	146	219554	39.664	ng	97
15) Benzyl Alcohol	6.97	79	205684	39.683	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	208754	32.318	ng	87
17) 2-Methylphenol	7.09	107	199549	42.942	ng	98
18) Hexachloroethane	7.35	117	91818	39.566	ng	# 85
19) n-Nitroso-di-n-propylamine	7.25	70	166270	39.547	ng	93
20) 3+4-Methylphenols	7.24	107	241982	44.786	ng	# 74
22) Acetophenone	7.24	105	332660	39.041	ng	# 97
24) Nitrobenzene	7.42	77	250378	39.709	ng	93
25) Isophorone	7.66	82	463316	36.880	ng	99
26) 2-Nitrophenol	7.73	139	120444	51.379	ng	95
27) 2,4-Dimethylphenol	7.77	122	202935	42.864	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	280095	36.485	ng	98
29) 2,4-Dichlorophenol	7.97	162	190179	41.799	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	185045	37.497	ng	96
31) Naphthalene	8.14	128	650906	38.676	ng	99
32) Benzoic acid	7.90	122	129030	48.268	ng	97
33) 4-Chloroaniline	8.19	127	196441	25.642	ng	96
34) Hexachlorobutadiene	8.26	225	103435	38.440	ng	97
35) Caprolactam	8.55	113	62521m	36.718	ng	
36) 4-Chloro-3-methylphenol	8.67	107	223768	42.791	ng	98
37) 2-Methylnaphthalene	8.83	142	448879	40.087	ng	98
38) 1-Methylnaphthalene	8.93	142	419251	39.663	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	173619	38.464	ng	98

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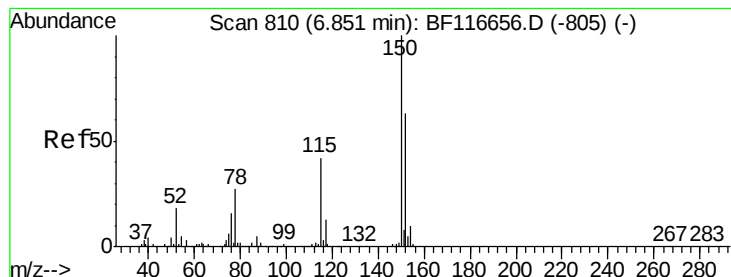
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	136229	52.264	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	126064	40.743	nq	96
44) 2,4,5-Trichlorophenol	9.15	196	142431	44.339	nq	95
46) 1,1'-Biphenyl	9.29	154	533491	37.339	nq	98
47) 2-Chloronaphthalene	9.32	162	418065	36.943	nq	99
48) 2-Nitroaniline	9.41	65	134214	41.023	nq	98
49) Acenaphthylene	9.73	152	649993	37.997	nq	98
50) Dimethylphthalate	9.59	163	493895	37.993	nq	98
51) 2,6-Dinitrotoluene	9.65	165	110921	44.721	nq	96
52) Acenaphthene	9.90	154	386229	36.746	nq	99
53) 3-Nitroaniline	9.82	138	94569	30.425	nq	93
54) 2,4-Dinitrophenol	9.93	184	95101	104.890	nq	98
55) Dibenzofuran	10.07	168	580891	39.204	nq	96
56) 4-Nitrophenol	9.99	139	186120	87.328	nq	90
57) 2,4-Dinitrotoluene	10.06	165	148879	49.090	nq	99
58) Fluorene	10.42	166	467302	41.390	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	108462	46.784	nq	97
60) Diethylphthalate	10.29	149	507588	38.980	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	202221	40.903	nq	98
62) 4-Nitroaniline	10.43	138	122246	40.526	nq	97
63) Azobenzene	10.57	77	514907	37.922	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	64432	54.478	nq	87
66) n-Nitrosodiphenylamine	10.53	169	410095	37.722	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	120354	37.698	nq	92
68) Hexachlorobenzene	10.97	284	122707	36.736	nq	96
69) Atrazine	11.05	200	111565	36.640	nq	99
70) Pentachlorophenol	11.16	266	142346	88.095	nq	98
71) Phenanthrene	11.38	178	663171	37.908	nq	99
72) Anthracene	11.43	178	682777	38.771	nq	99
73) Carbazole	11.58	167	638641	38.071	nq	99
74) Di-n-butylphthalate	11.91	149	817201	38.000	nq	100
75) Fluoranthene	12.56	202	683593	39.761	nq	99
77) Benzidine	12.68	184	123776	14.250	nq	99
78) Pyrene	12.79	202	701488	35.635	nq	99
80) Butylbenzylphthalate	13.40	149	342956	35.826	nq	96
81) Benzo(a)anthracene	13.97	228	539796	38.515	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	158959	33.561	nq	99
83) Chrysene	14.02	228	535536	37.089	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	463860	39.254	nq	98
85) Di-n-octyl phthalate	14.57	149	750721	38.821	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	383688	33.082	nq	98
88) Benzo(b)fluoranthene	15.02	252	471503	50.745	nq	99
89) Benzo(k)fluoranthene	15.05	252	408817	48.256	nq	99
90) Benzo(a)pyrene	15.39	252	401998	49.729	nq	96
91) Dibenzo(a,h)anthracene	16.90	278	324887	45.915	nq	96
92) Benzo(g,h,i)perylene	17.33	276	319566	44.283	nq	99

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



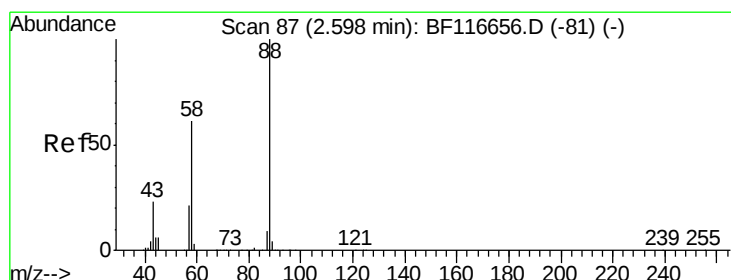
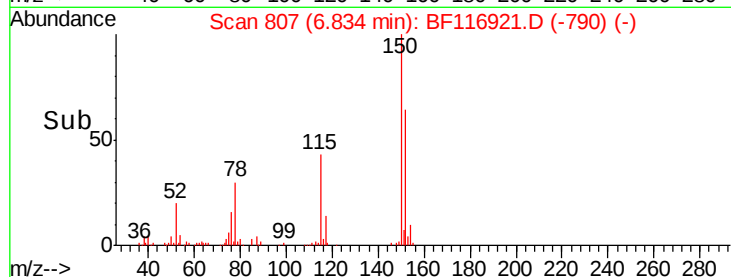
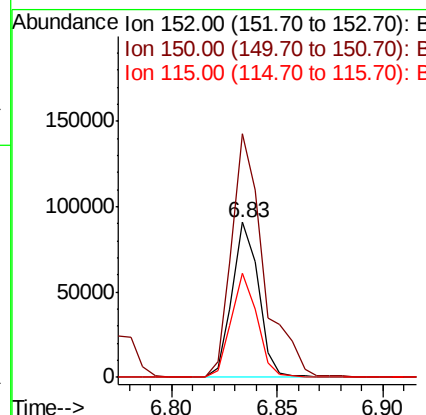
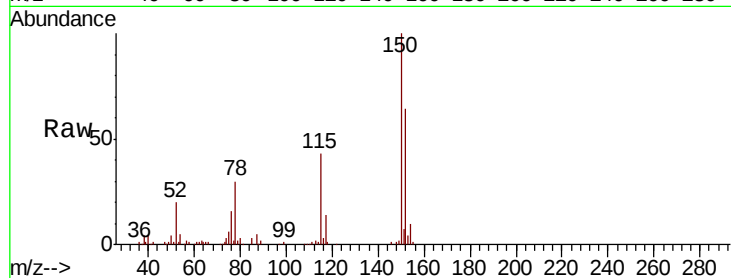
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.4	186.6
115	67.5	49.9	74.9

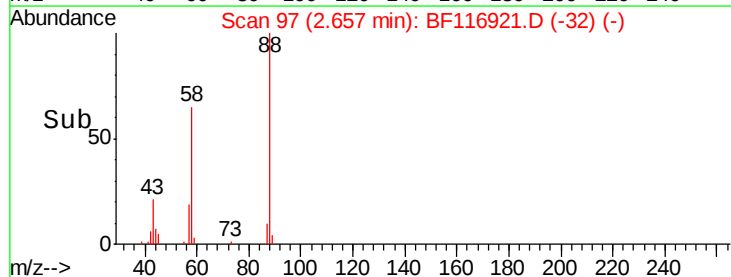
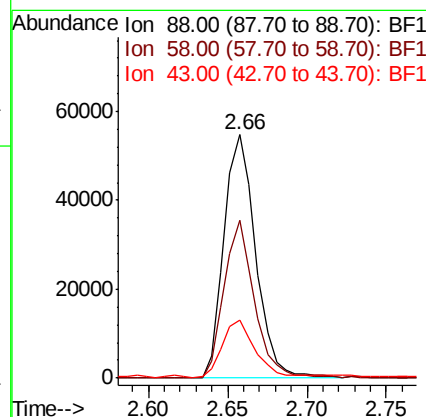
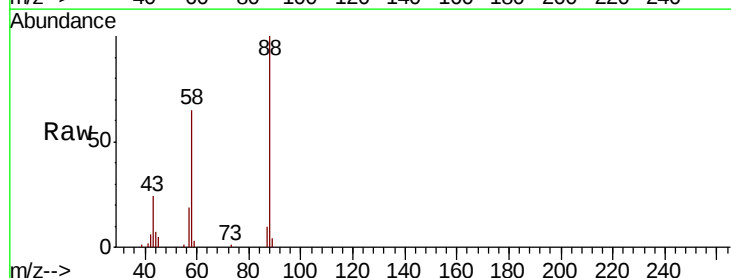
Manual Integrations
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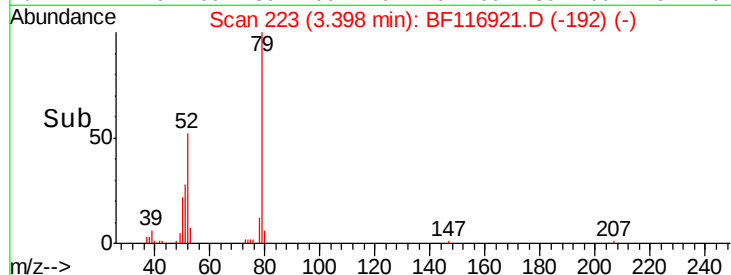
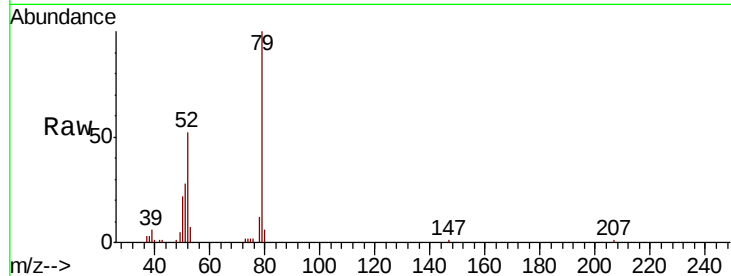
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#2
 1,4-Dioxane
 Concen: 33.881 ng
 RT: 2.66 min Scan# 97
 Delta R.T. 0.08 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	51.7	77.5
43	27.4	19.8	29.8





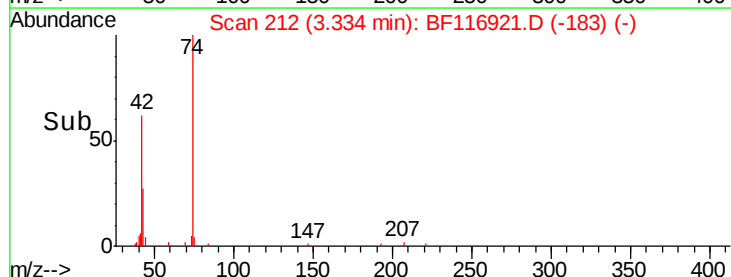
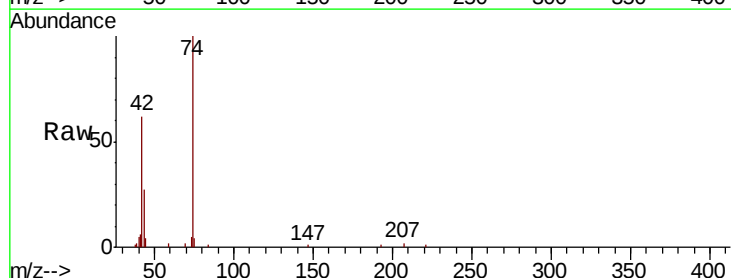
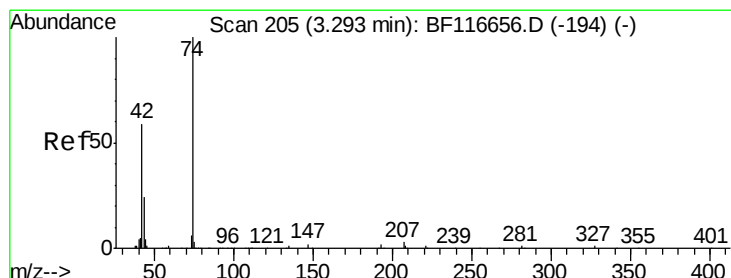
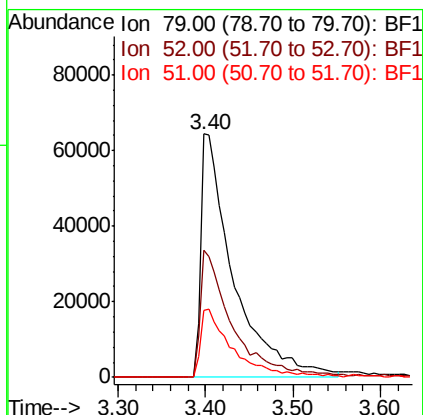
#3
 Pvridine
 Concen: 25.486 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.3	47.4	71.0
51	27.7	24.1	36.1

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 ClientSampleId :
 PB122853BS

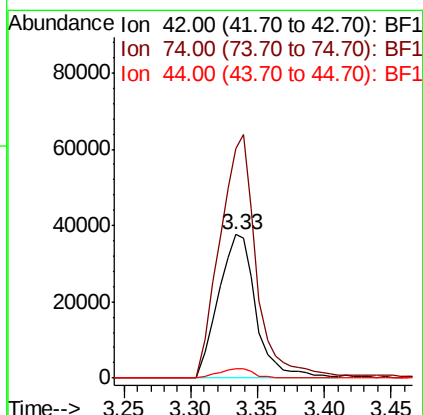
Manual Integrations
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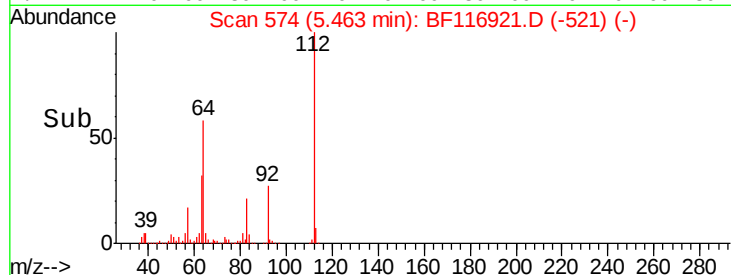
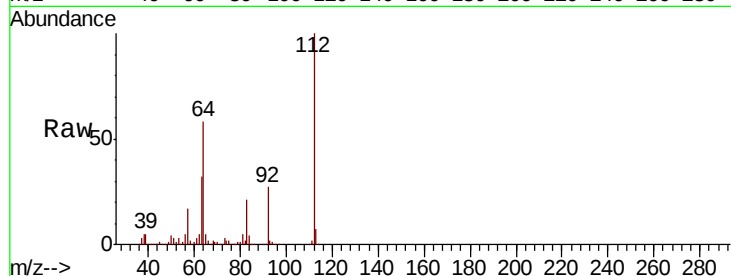
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#4
 n-Nitrosodimethylamine
 Concen: 33.328 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.07 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.4	115.6	173.4
44	6.3	4.6	7.0





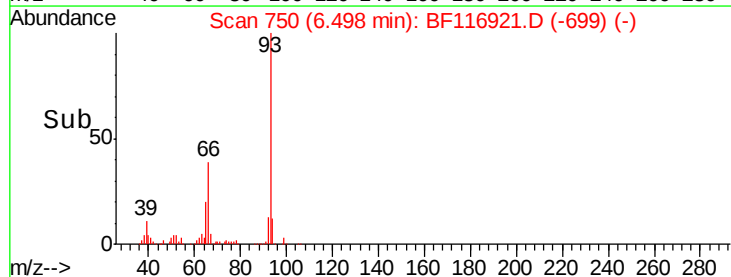
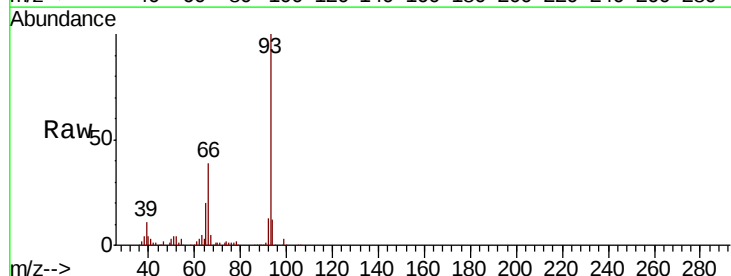
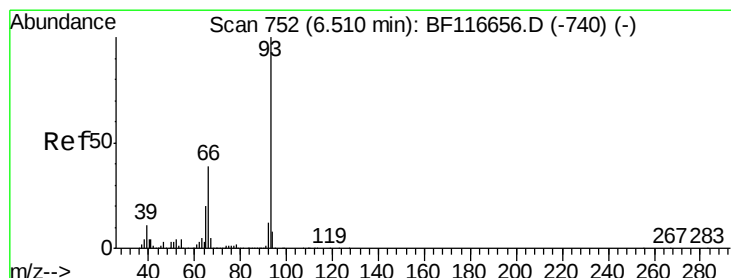
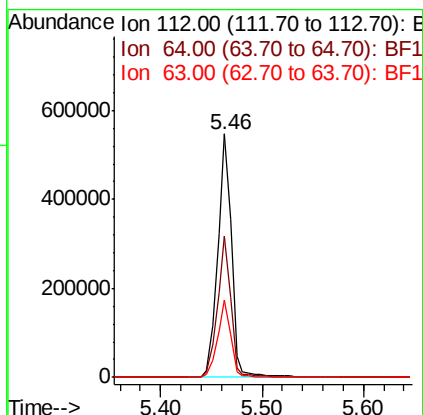
#5
2-Fluorophenol
Concen: 106.693 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tot Ion	Ratio	Resp	Lower	Upper
112	100	518825		
64	57.8	47.1	70.7	
63	31.7	24.9	37.3	

Instrument :
BNA_F
ClientSampleId :
PB122853BS

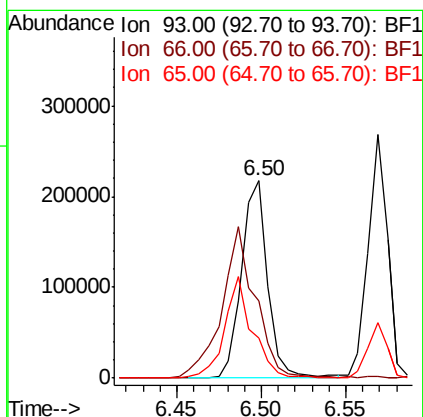
Manual Integrations
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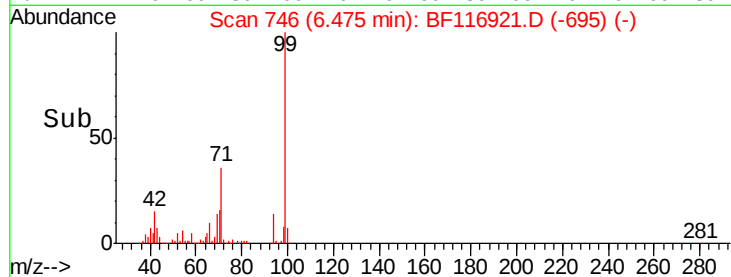
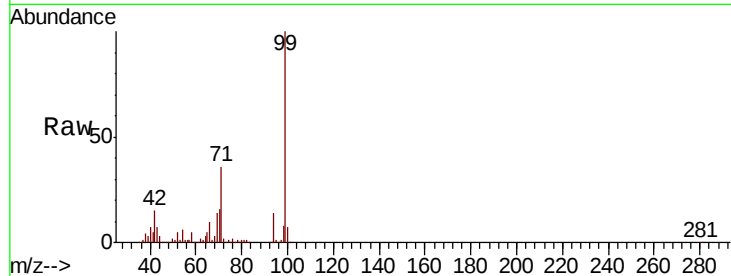
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#6
Aniline
Concen: 26.664 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	235815		
66	39.0	32.7	49.1	
65	20.3	16.3	24.5	





#7

Phenol-d6

Concen: 105.197 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		671721		
42	15.1	13.7	20.5		
71	36.5	30.8	46.2		

Instrument :

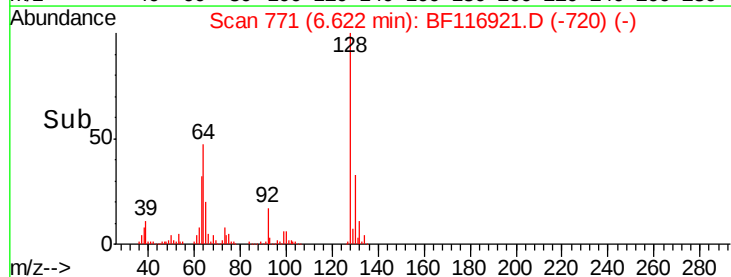
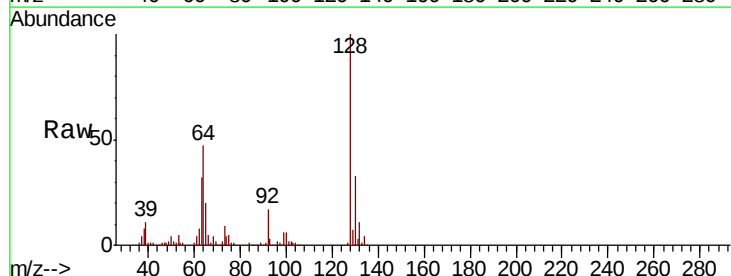
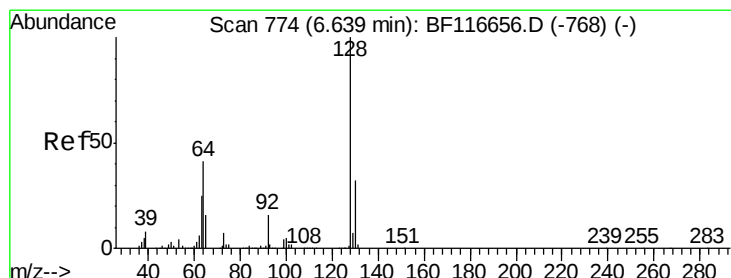
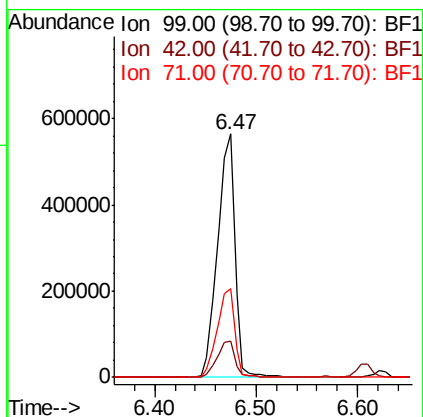
BNA_F

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#8

2-Chlorophenol

Concen: 43.190 ng

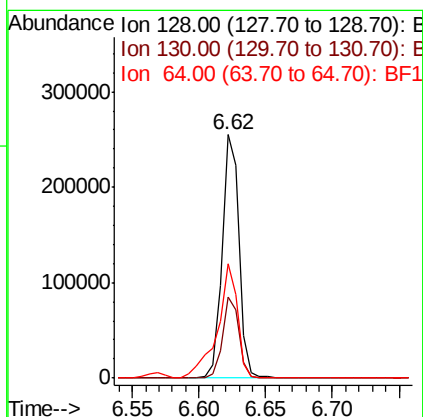
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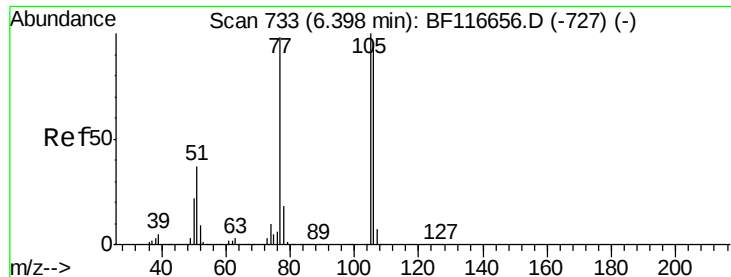
Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		229272		
130	33.1	12.3	52.3		
64	46.9	22.5	62.5		





#9

Benzaldehyde

Concen: 22.575 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

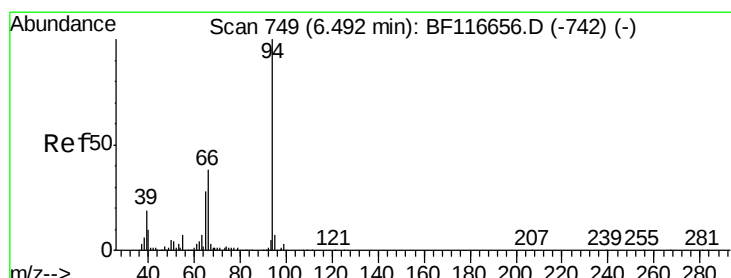
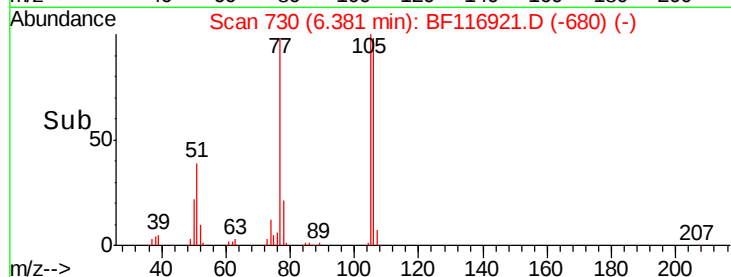
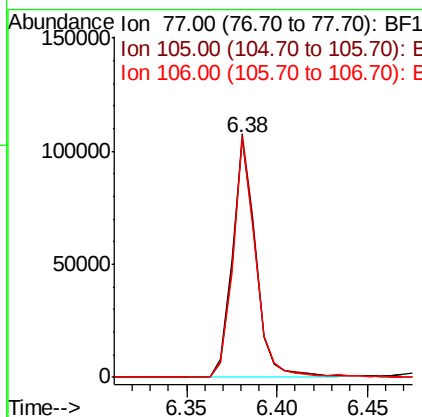
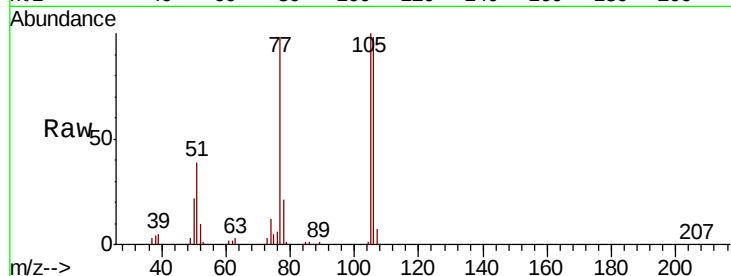
ClientSampleId :

PB122853BS

Tot Ion:	77	Resp:	94969
Ion	Ratio	Lower	Upper
77	100		
105	102.0	76.7	116.7
106	100.4	73.1	113.1

Manual Integrations
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#10

Phenol

Concen: 41.395 ng

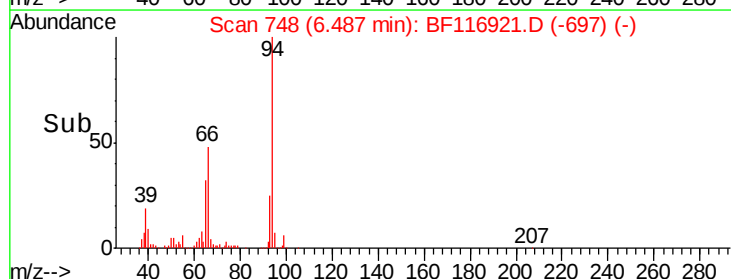
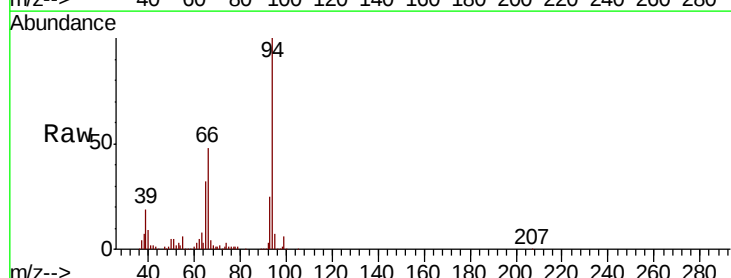
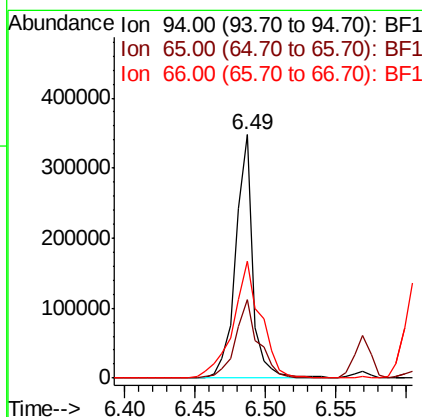
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion:	94	Resp:	292692
Ion	Ratio	Lower	Upper
94	100		
65	32.0	10.8	50.8
66	48.0	21.1	61.1





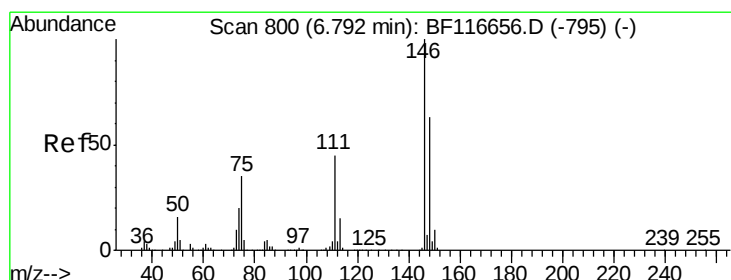
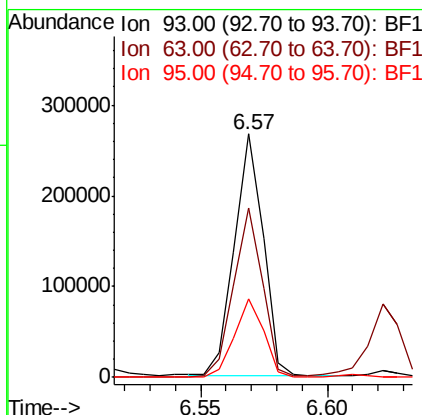
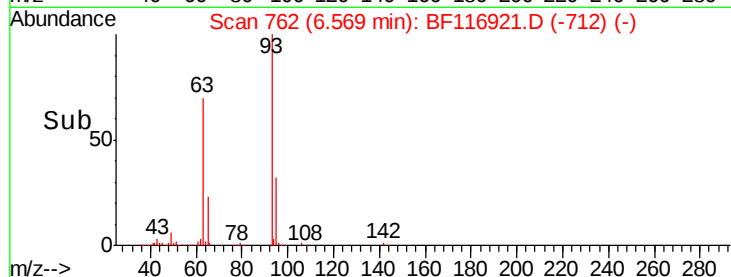
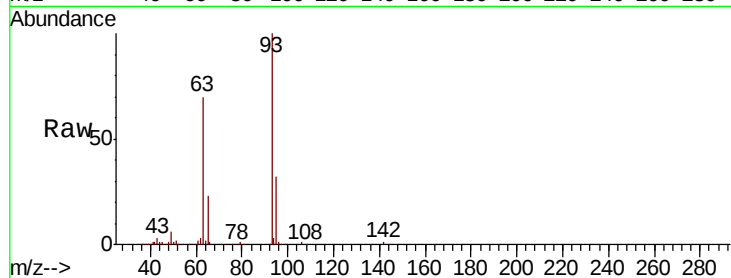
#11
bis(2-Chloroethyl)ether
Concen: 38.334 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	49.9	89.9
95	32.1	12.7	52.7

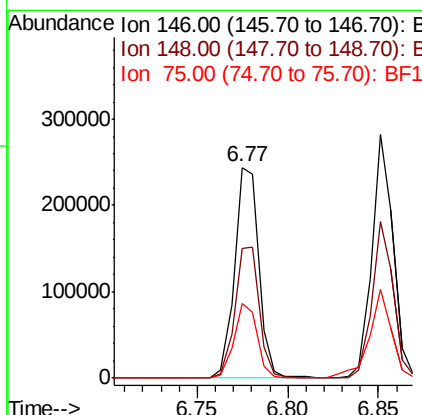
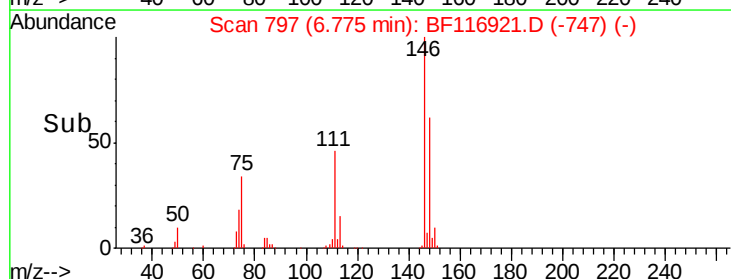
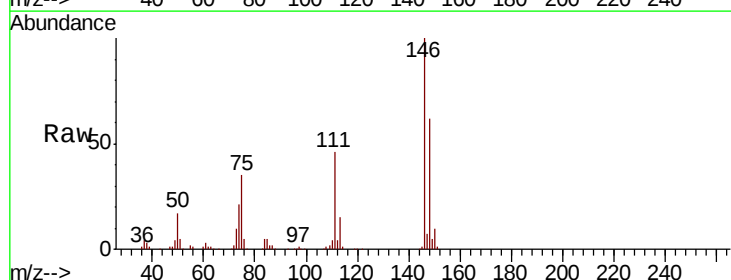
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 37.935 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
75	35.5	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 38.525 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

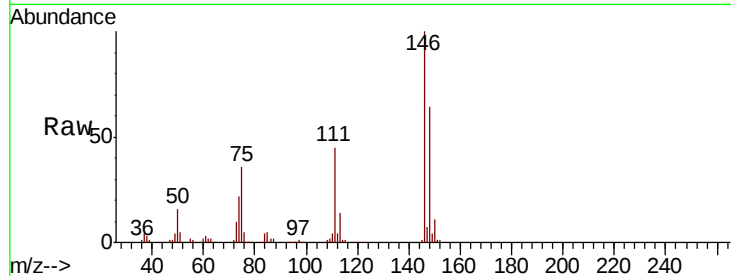
ClientSampleId :

PB122853BS

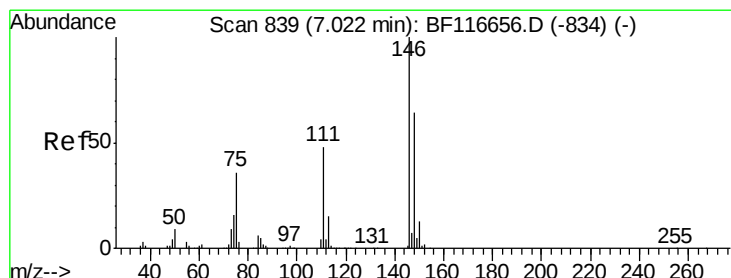
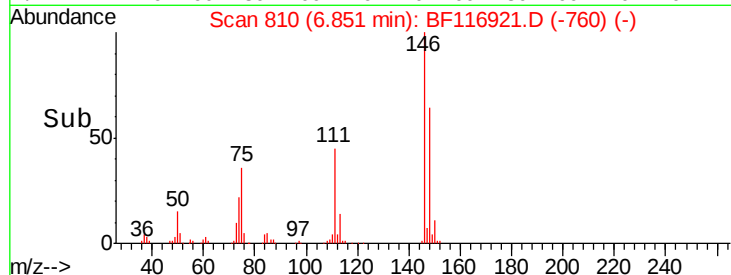
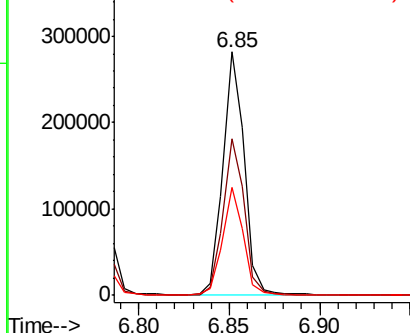
Tot Ion:	146	Resp:	230116
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.2
111	44.5	34.8	52.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.664 ng

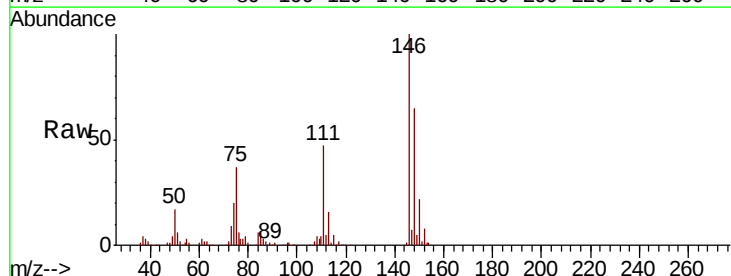
RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

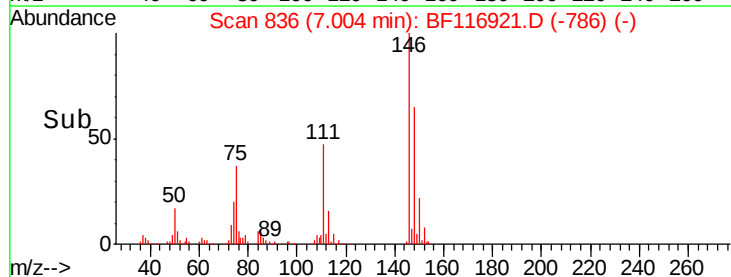
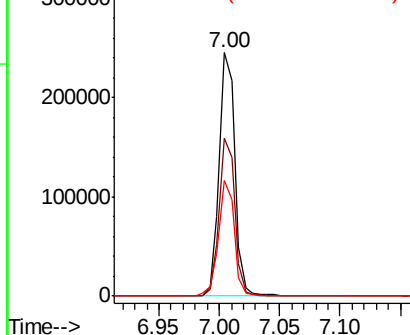
Lab File: BF116921.D

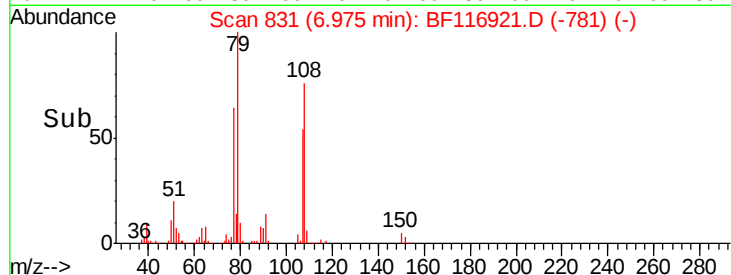
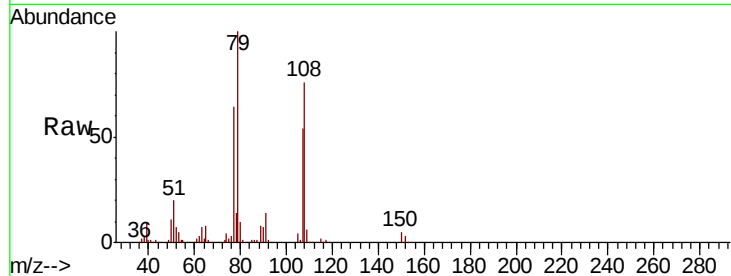
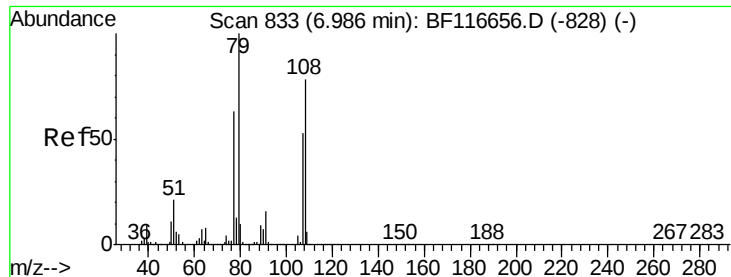
Acq: 10 Sep 2019 15:13

Tgt Ion:	146	Resp:	219554
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.6	78.8
111	47.4	34.2	51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





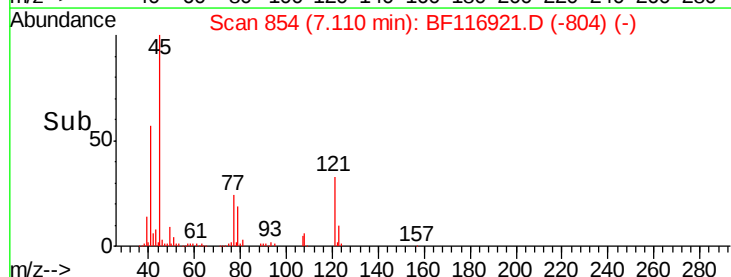
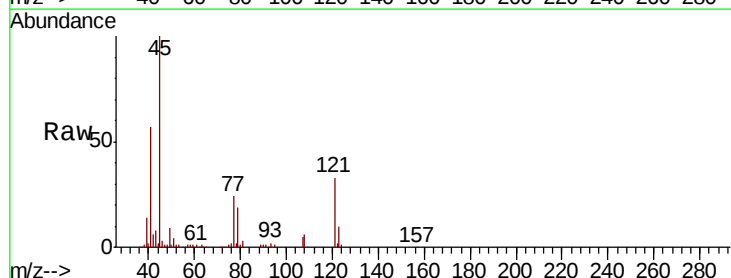
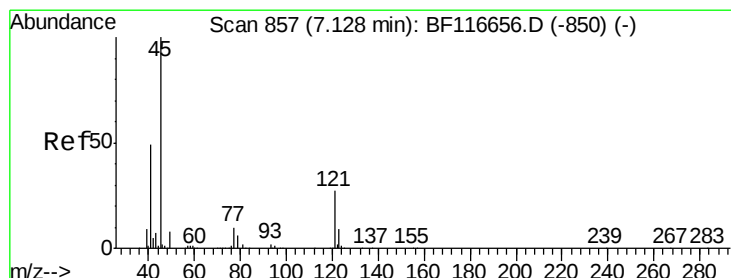
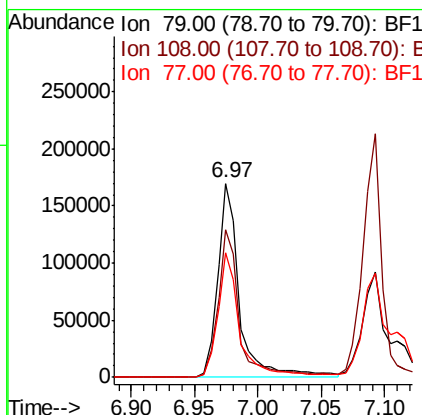
#15
Benzyl Alcohol
Concen: 39.683 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tot Ion	Ratio	Resp	Lower	Upper
79	100	205684		
108	76.1	59.2	88.8	
77	64.5	53.0	79.4	

Instrument :
BNA_F
ClientSampleId :
PB122853BS

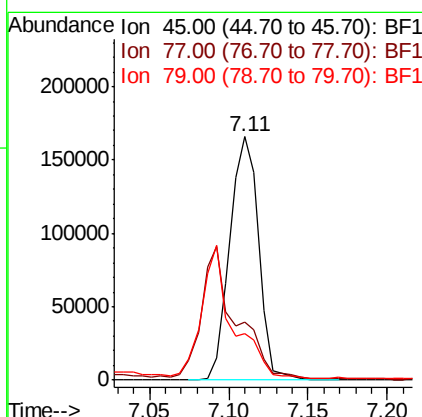
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.318 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	208754		
77	24.0	0.0	38.2	
79	19.3	0.0	33.9	





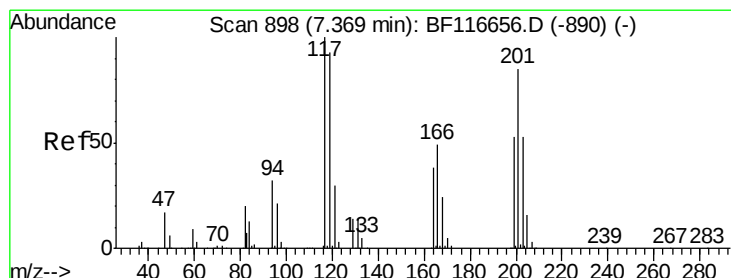
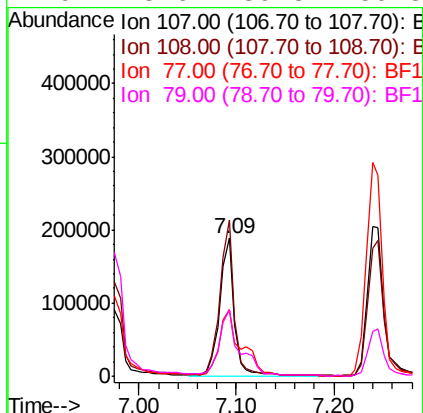
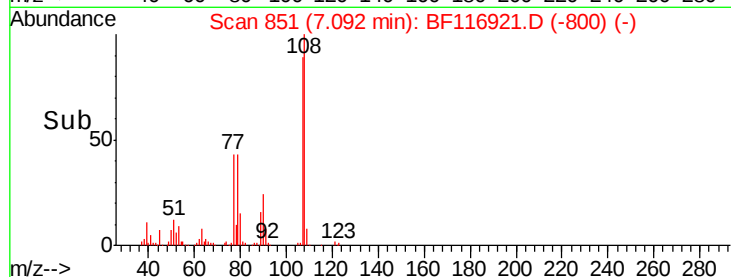
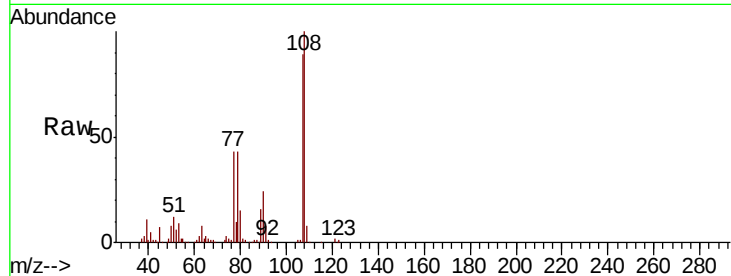
#17
2-Methylphenol
Concen: 42.942 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	88.3	132.5	
77	48.1	39.9	59.9	
79	48.6	39.8	59.8	

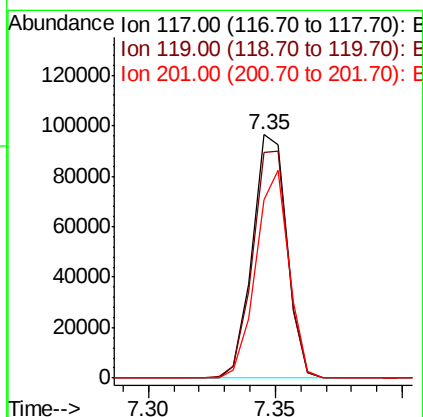
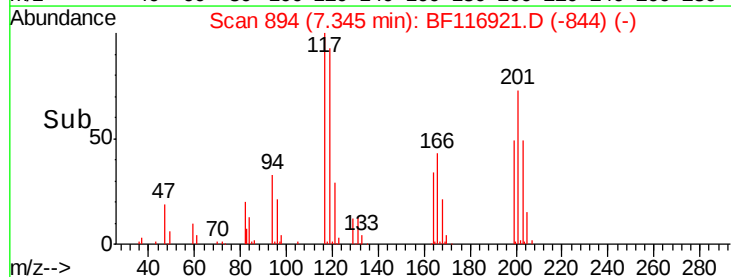
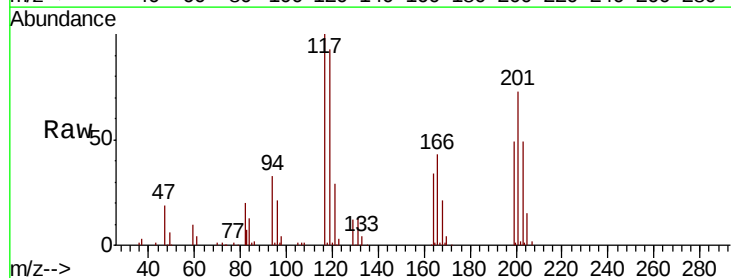
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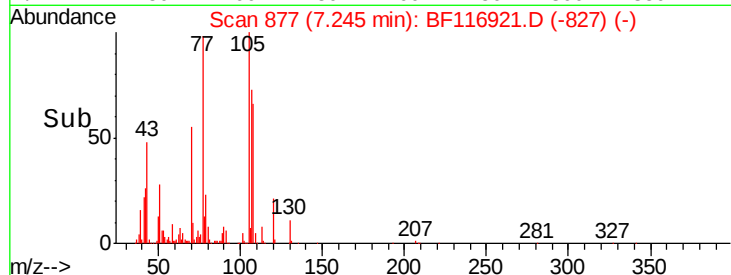
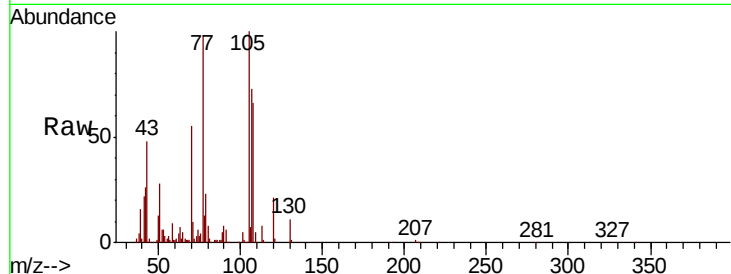
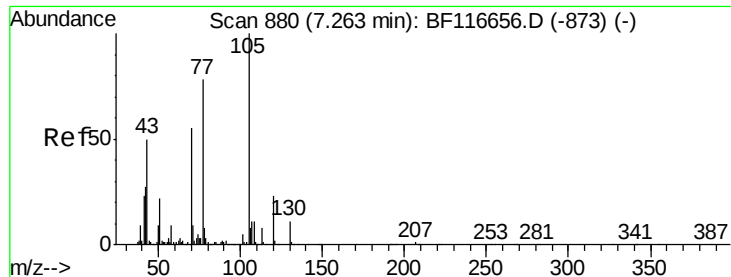
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#18
Hexachloroethane
Concen: 39.566 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.7	76.9	115.3	
201	73.5	79.4	119.0	





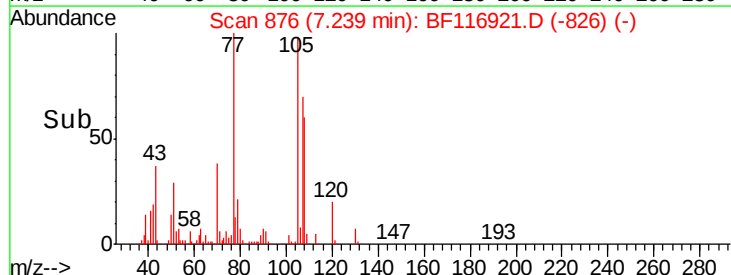
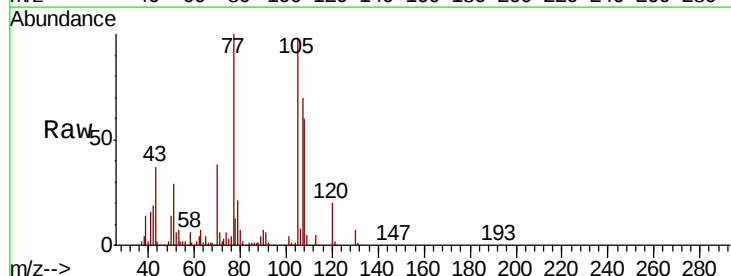
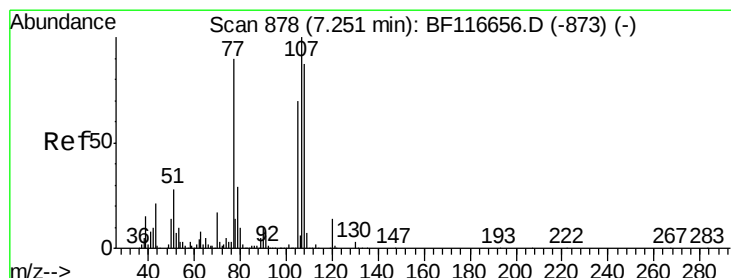
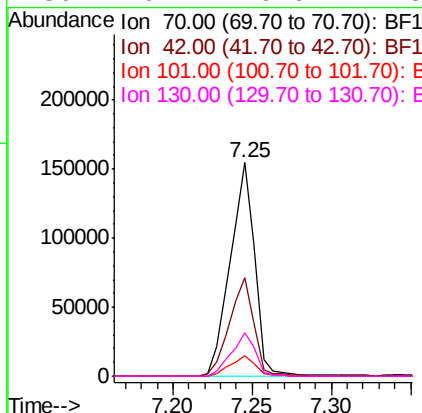
#19
n-Nitroso-di-n-propylamine
Concen: 39.547 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	43.5	65.3
101	9.6	7.8	11.6
130	20.4	16.6	24.8

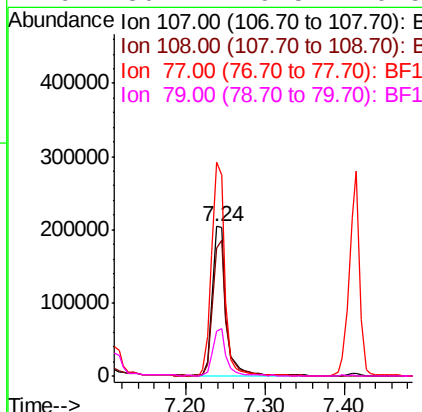
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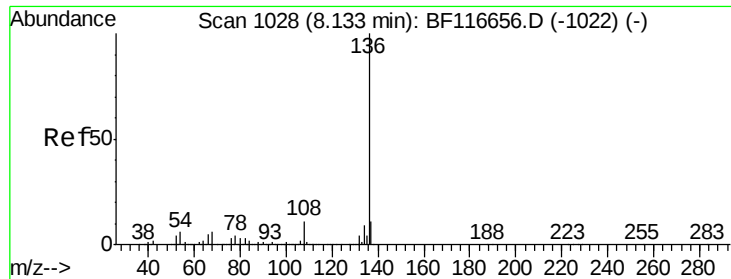
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#20
3+4-Methylphenols
Concen: 44.786 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	65.5	105.5
77	143.2	69.4	109.4#
79	30.4	9.5	49.5





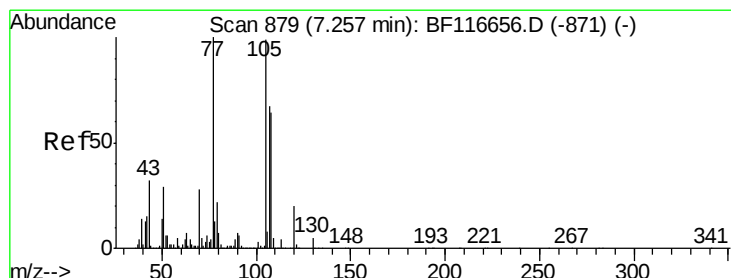
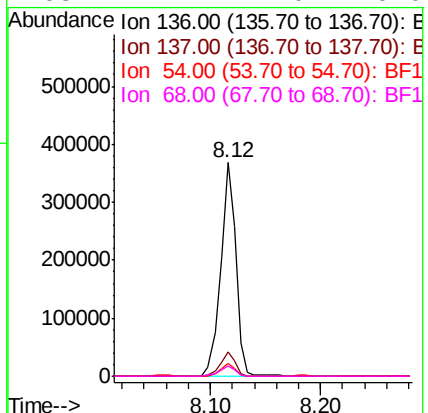
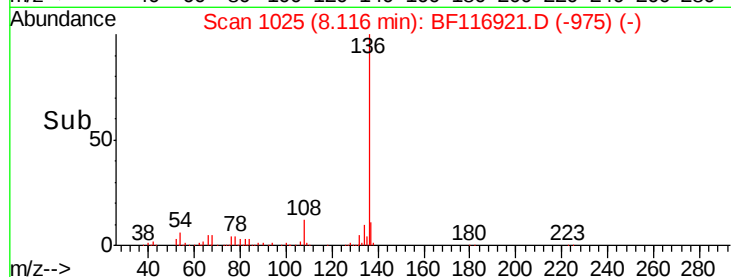
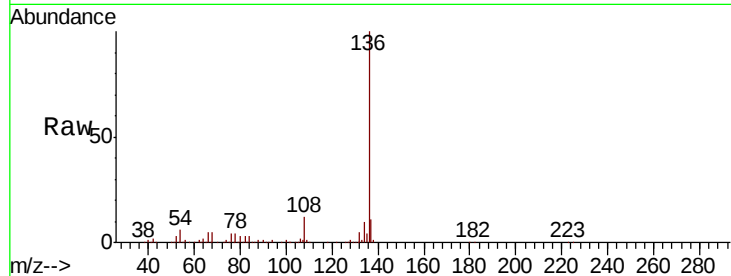
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	5.9	4.8	7.2	
68	4.7	4.0	6.0	

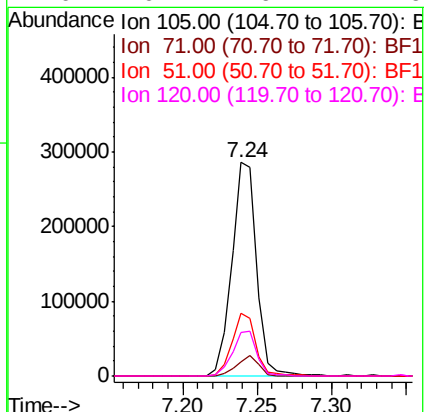
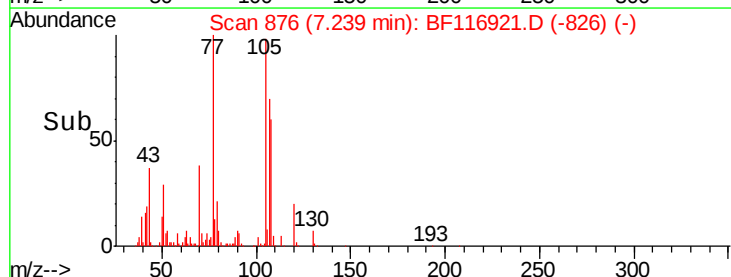
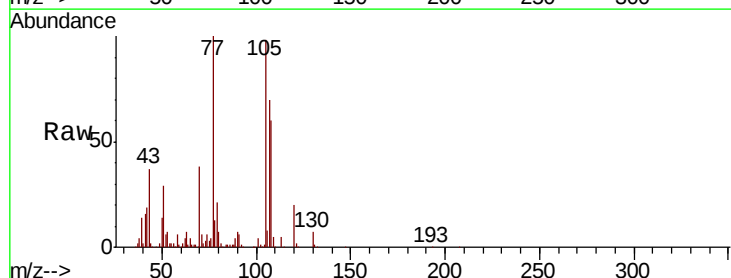
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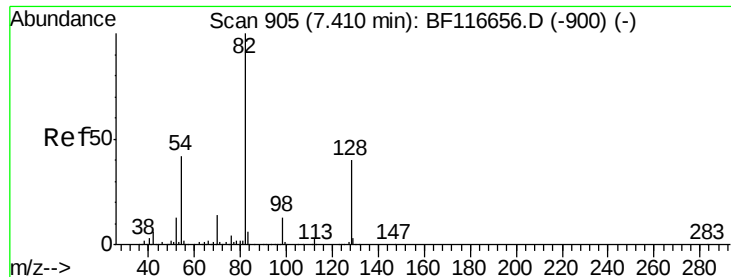
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#22
Acetophenone
Concen: 39.041 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	4.2	6.4#	
51	29.3	25.8	38.8	
120	20.4	16.4	24.6	





#23

Nitrobenzene-d5

Concen: 63.068 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

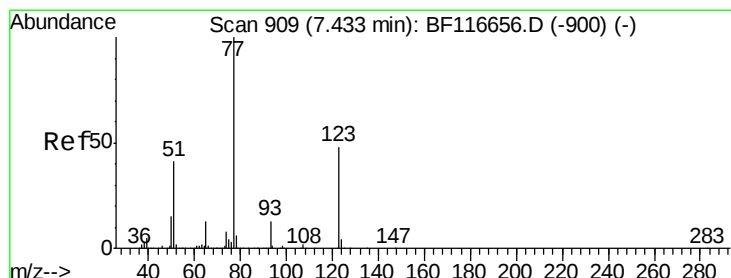
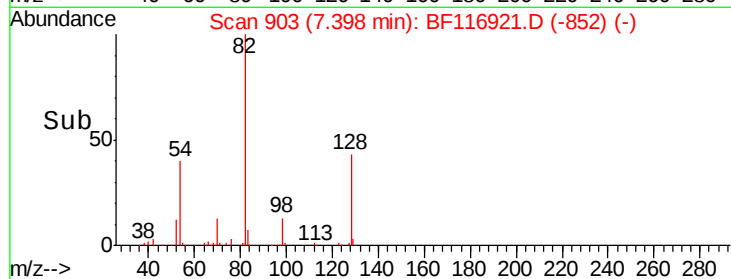
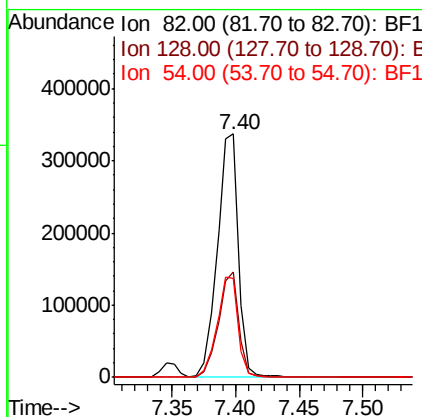
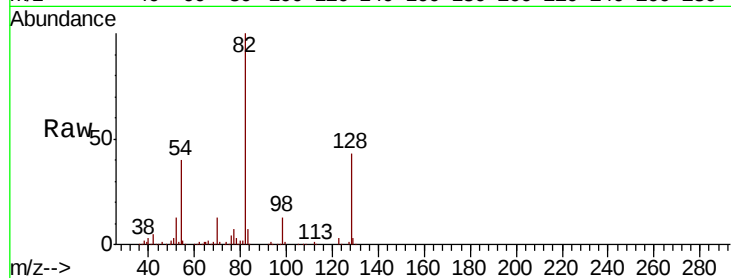
ClientSampleId :

PB122853BS

Tot Ion:	82	Resp:	391005
Ion Ratio		Lower	Upper
82	100		
128	43.1	32.8	49.2
54	40.5	36.9	55.3

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#24

Nitrobenzene

Concen: 39.709 ng

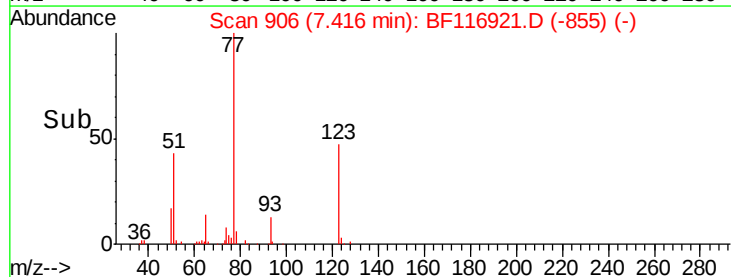
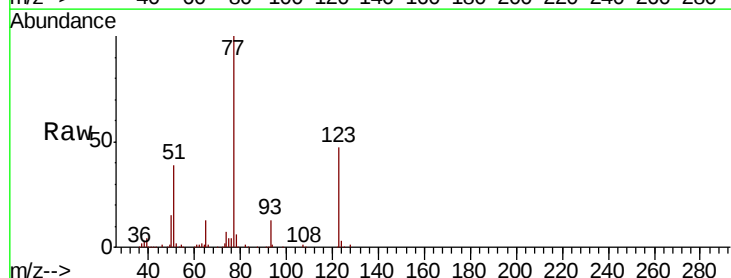
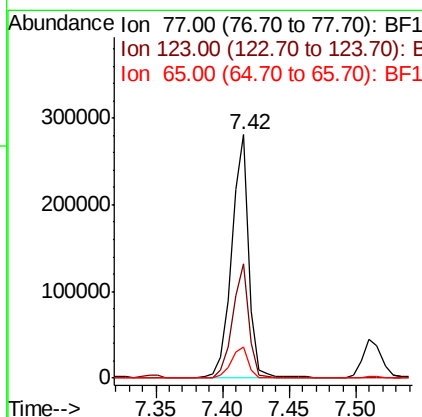
RT: 7.42 min Scan# 906

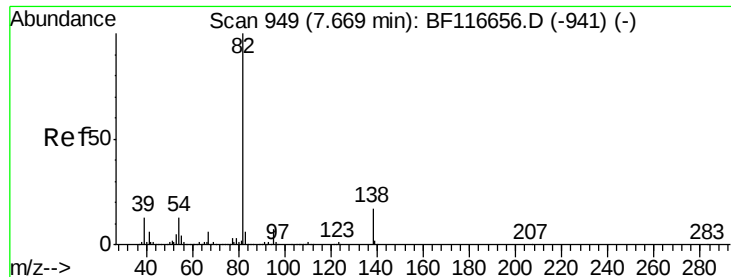
Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion:	77	Resp:	250378
Ion Ratio		Lower	Upper
77	100		
123	46.9	33.1	49.7
65	12.6	10.6	15.8





#25

Isophorone

Concen: 36.880 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

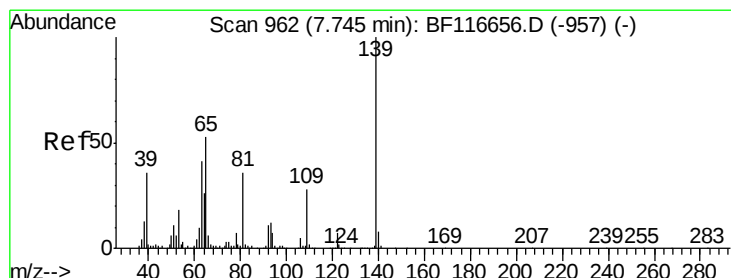
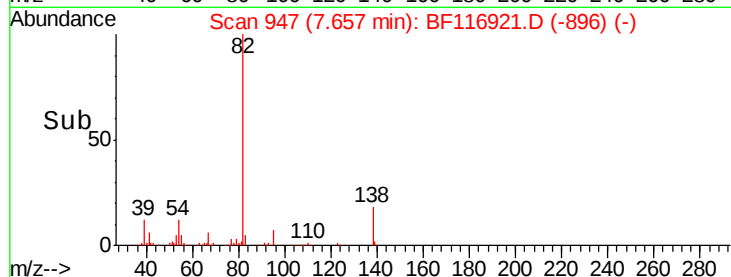
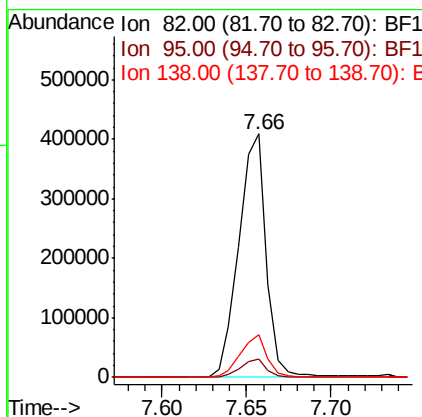
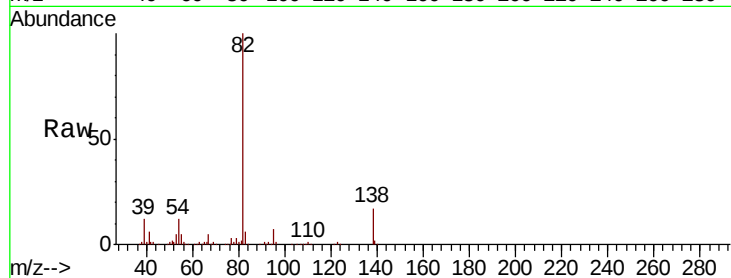
ClientSampled :

PB122853BS

Tot Ion:	82	Resp:	463316
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	17.5	13.5	20.3

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#26

2-Nitrophenol

Concen: 51.379 ng

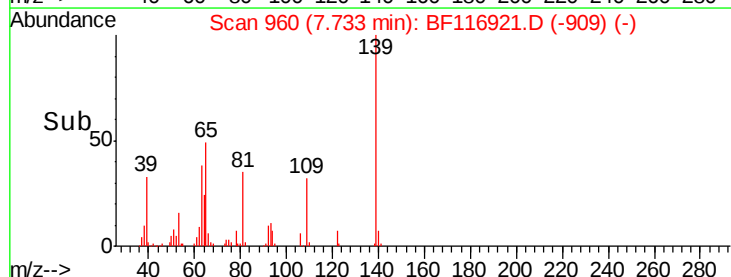
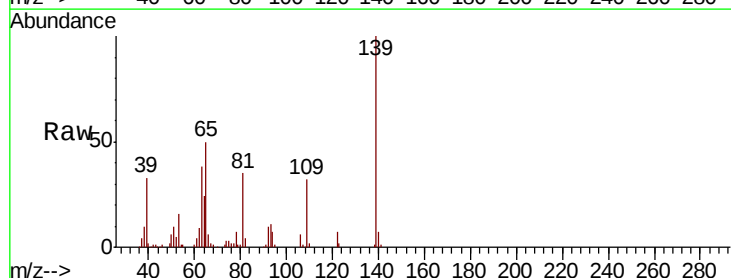
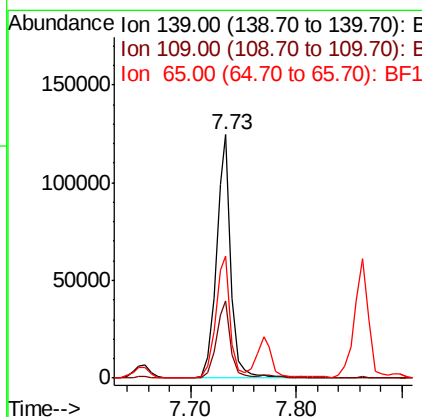
RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion:	139	Resp:	120444
Ion Ratio	Lower	Upper	
139	100		
109	31.9	27.1	40.7
65	49.9	43.0	64.6





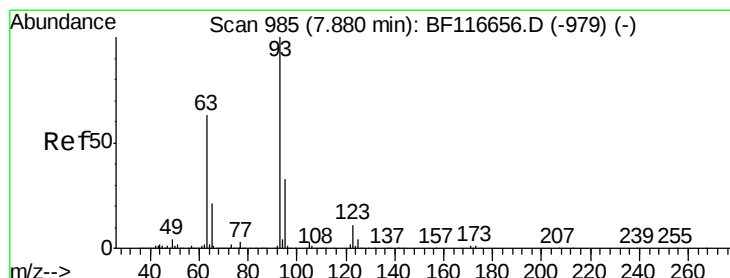
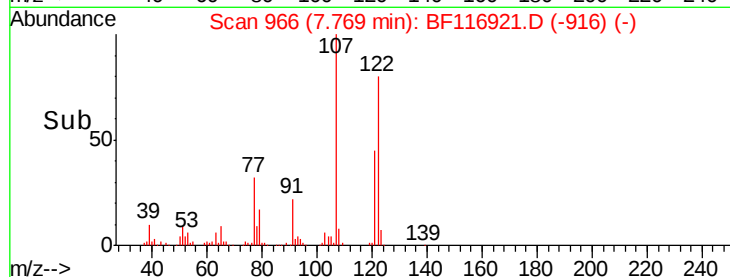
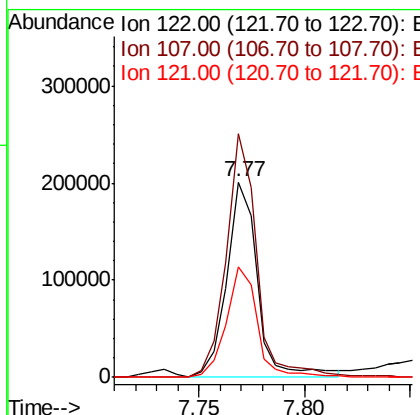
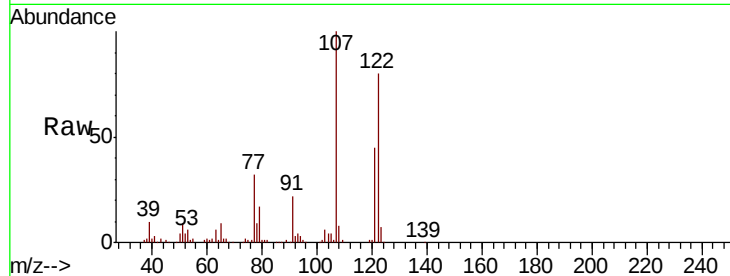
#27
2,4-Dimethylphenol
Concen: 42.864 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	202935		
107	124.7	98.1	147.1	
121	56.5	47.3	70.9	

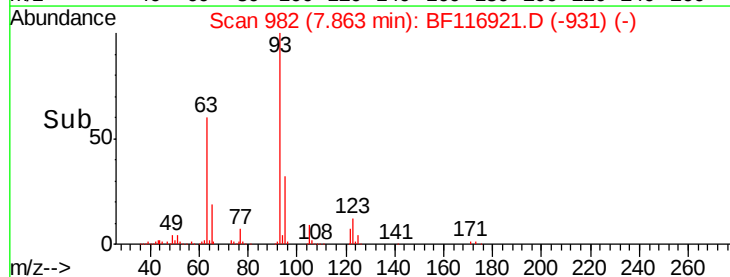
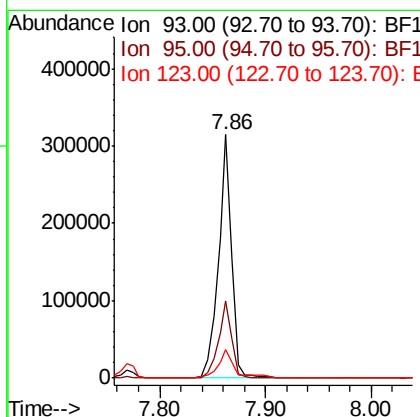
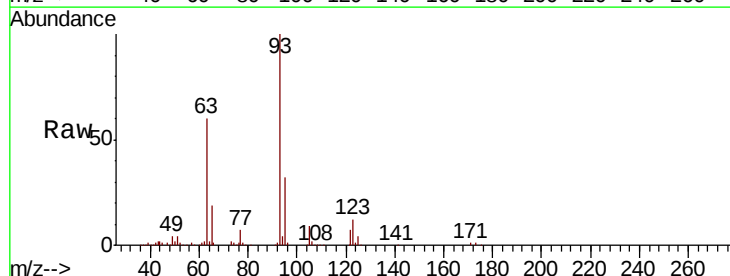
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 36.485 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	280095		
95	31.6	26.4	39.6	
123	11.6	9.8	14.8	





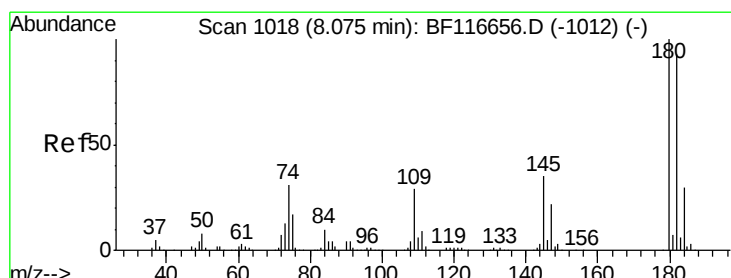
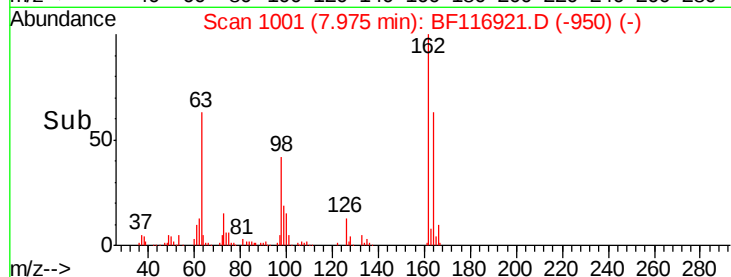
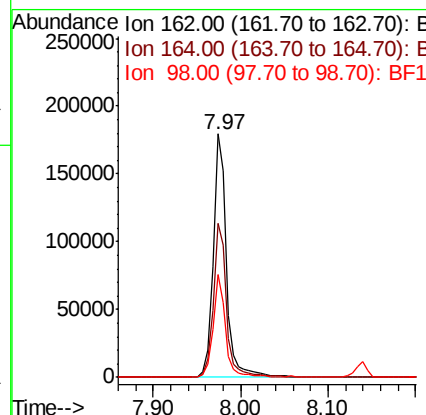
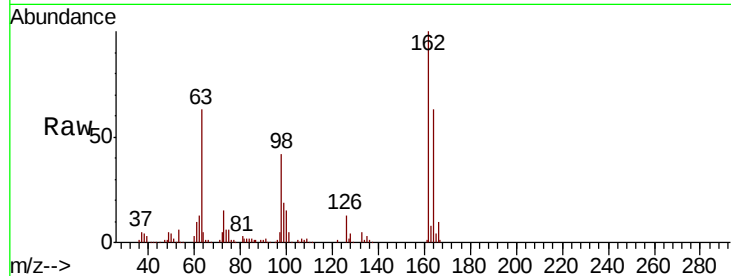
#29
2,4-Dichlorophenol
Concen: 41.799 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	43.4	83.4
98	42.1	18.1	58.1

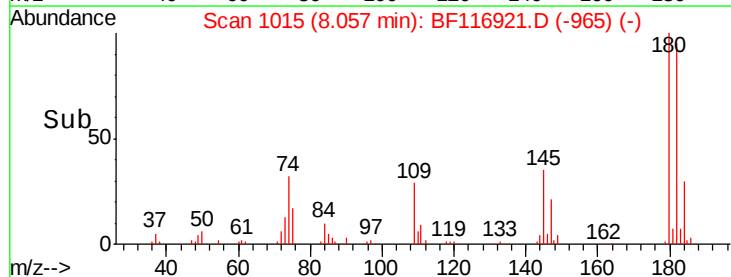
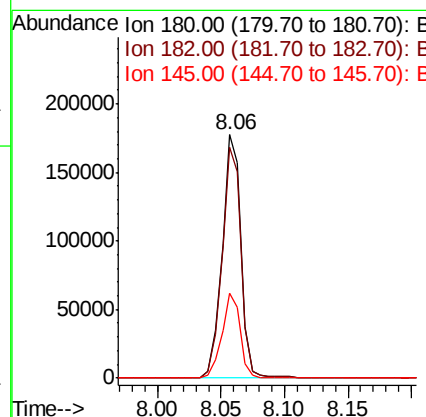
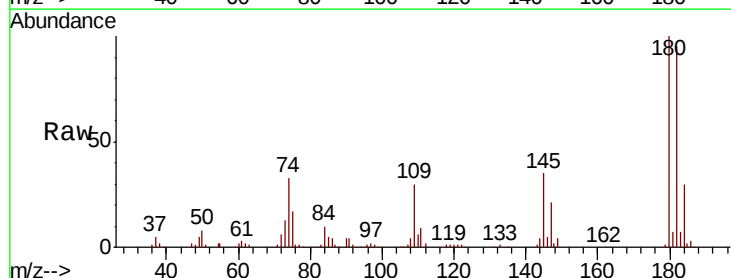
Manual Integrations
APPROVED

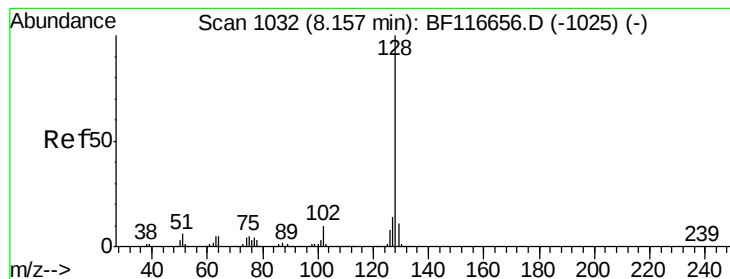
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#30
1,2,4-Trichlorobenzene
Concen: 37.497 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	78.6	118.0
145	34.6	25.7	38.5





#31

Naphthalene

Concen: 38.676 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

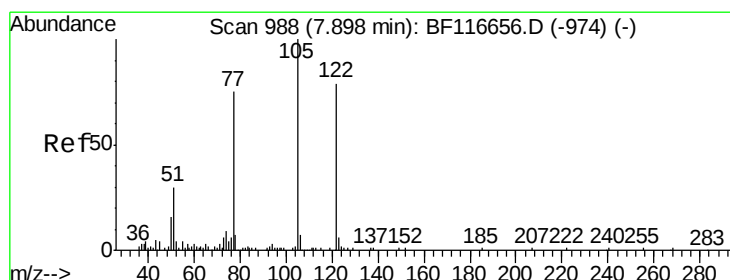
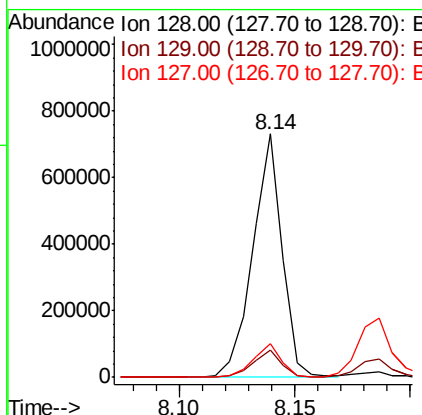
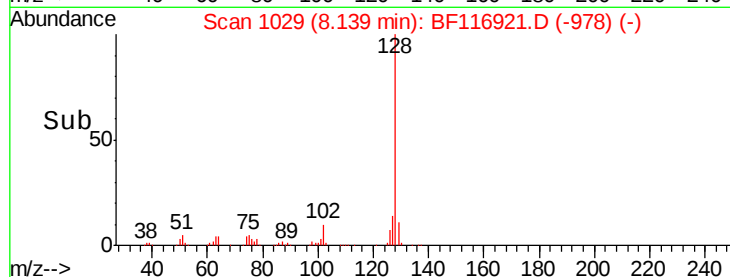
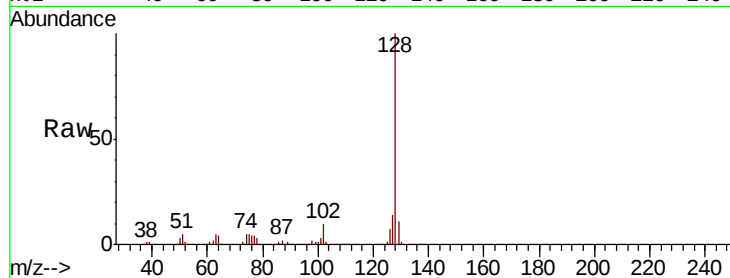
ClientSampleId :

PB122853BS

Tot Ion:	128	Resp:	650906
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.6	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 48.268 ng

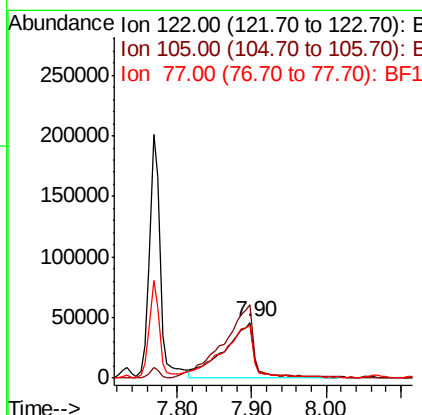
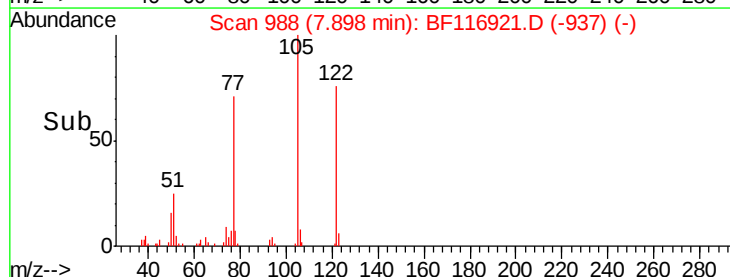
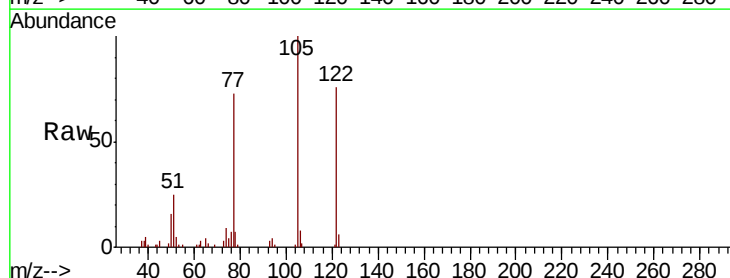
RT: 7.90 min Scan# 988

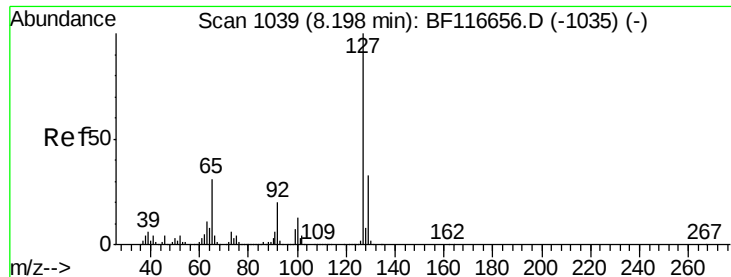
Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion:	122	Resp:	129030
Ion Ratio	Lower	Upper	
122	100		
105	130.8	110.0	150.0
77	95.3	81.7	121.7





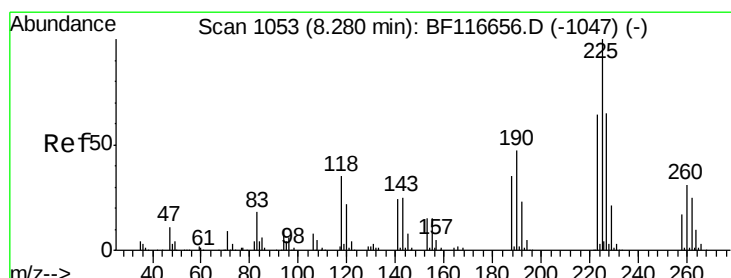
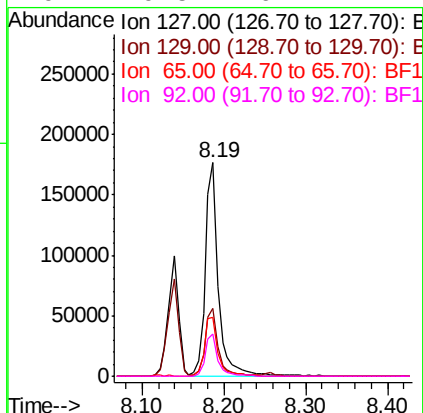
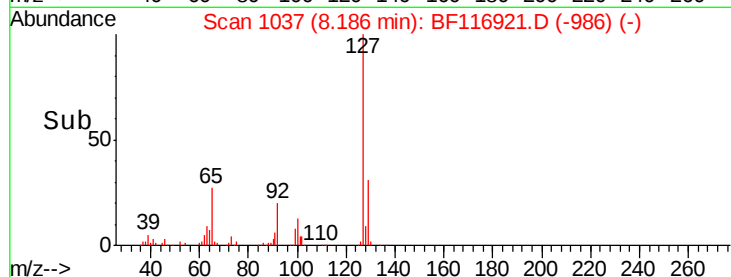
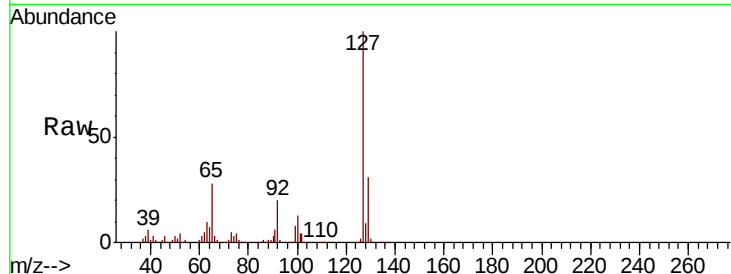
#33
4-Chloroaniline
Concen: 25.642 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampled :
PB122853BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		196441		
129	31.5	26.2	39.2		
65	27.8	26.0	39.0		
92	19.5	16.1	24.1		

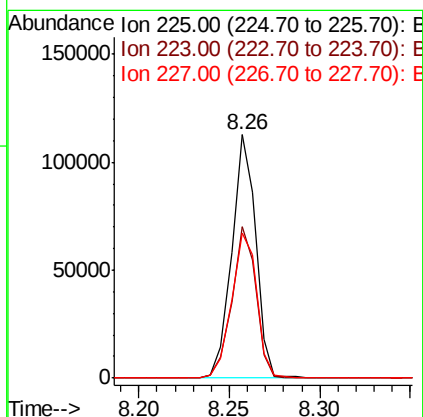
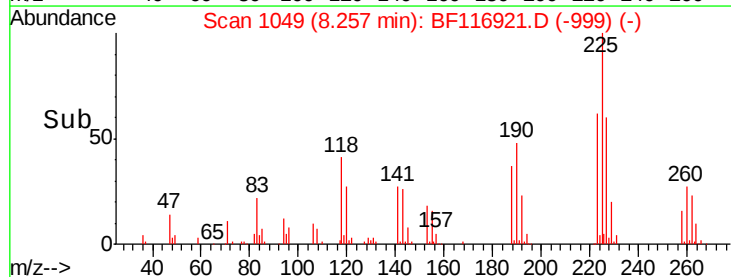
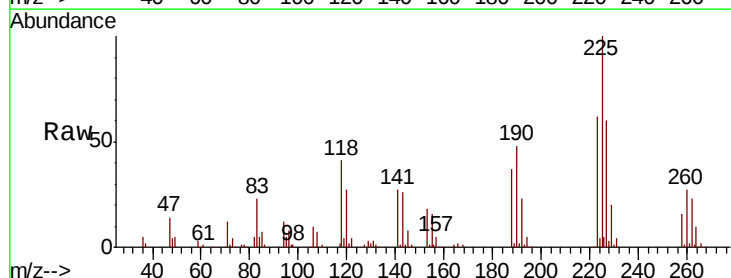
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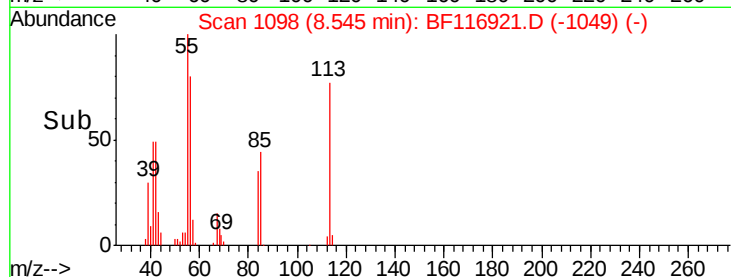
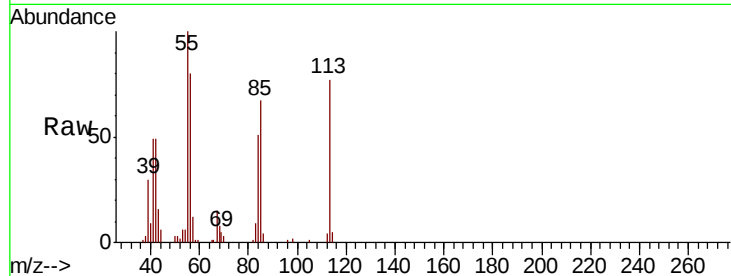
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#34
Hexachlorobutadiene
Concen: 38.440 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		103435		
223	62.4	49.4	74.2		
227	59.7	51.0	76.4		





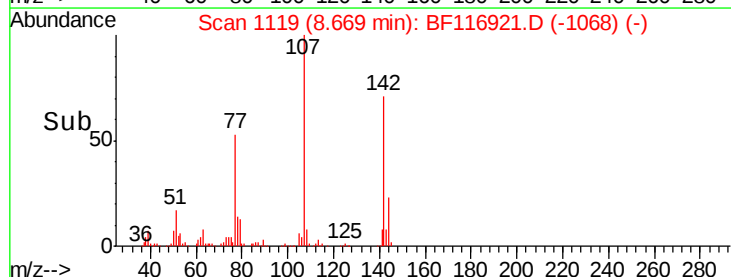
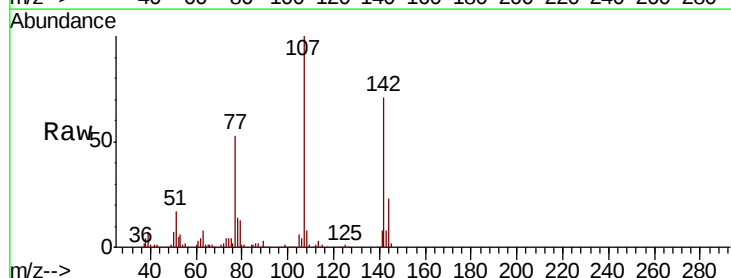
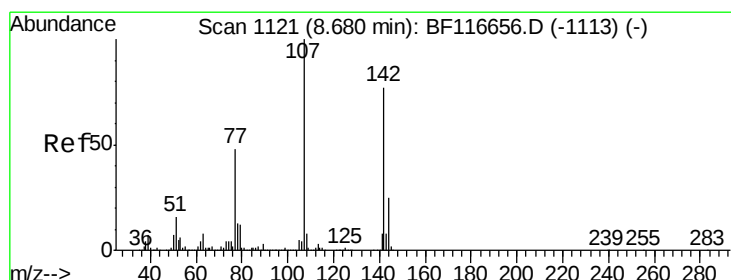
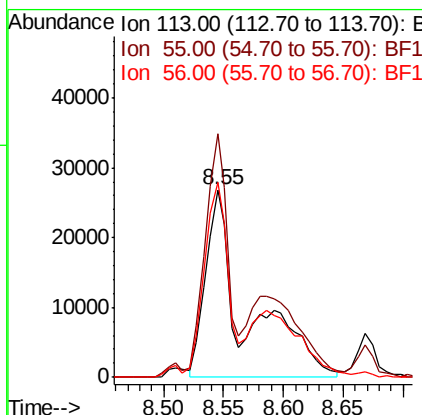
#35
 Caprolactam
 Concen: 36.718 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.6	124.3	164.3
56	103.8	94.6	134.6

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

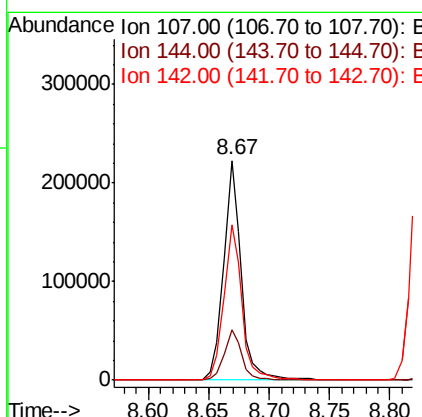
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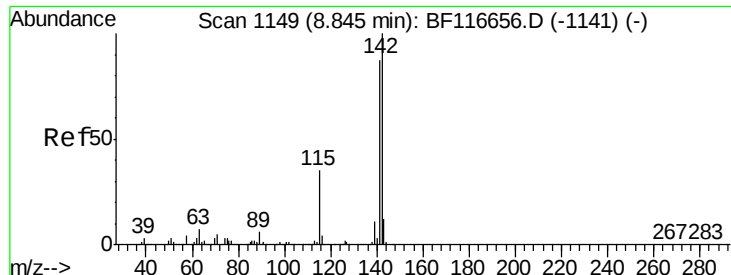
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#36
 4-Chloro-3-methylphenol
 Concen: 42.791 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	18.6	27.8
142	70.9	58.5	87.7





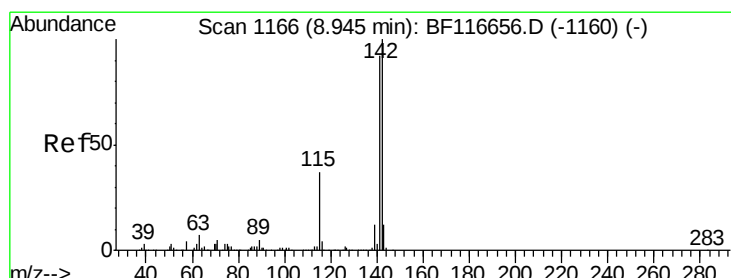
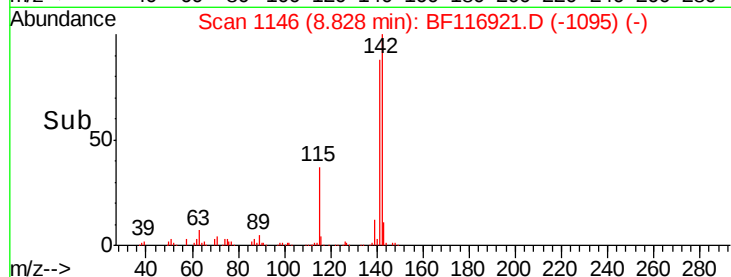
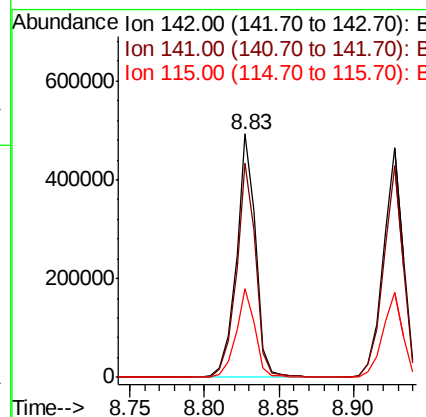
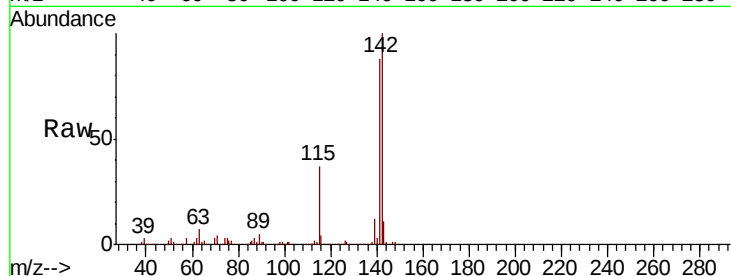
#37
2-Methylnaphthalene
Concen: 40.087 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	448879		
141	88.1	72.6	109.0	
115	36.6	29.8	44.6	

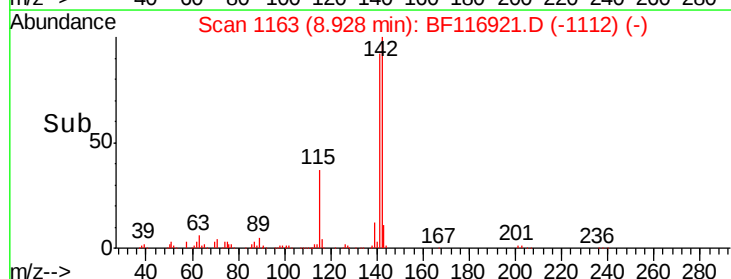
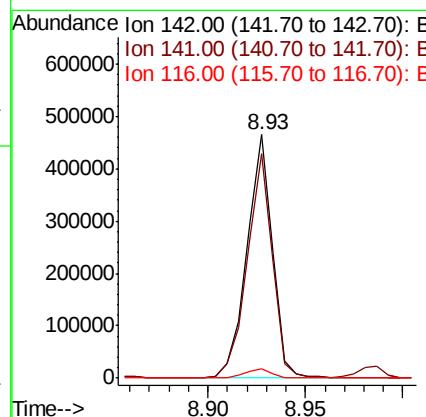
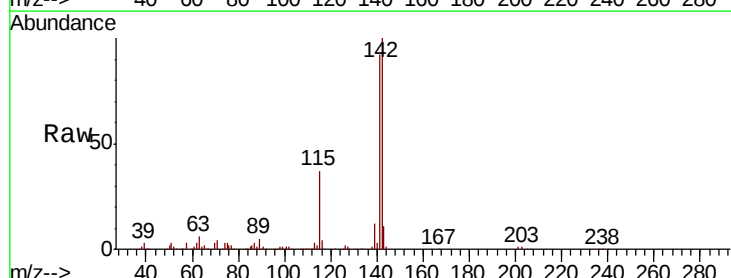
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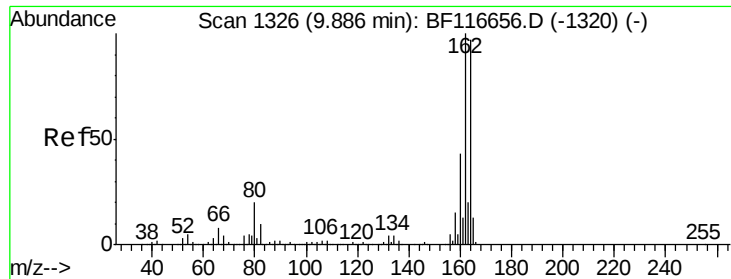
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#38
1-Methylnaphthalene
Concen: 39.663 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	419251		
141	91.9	73.9	110.9	
116	3.9	3.0	4.6	





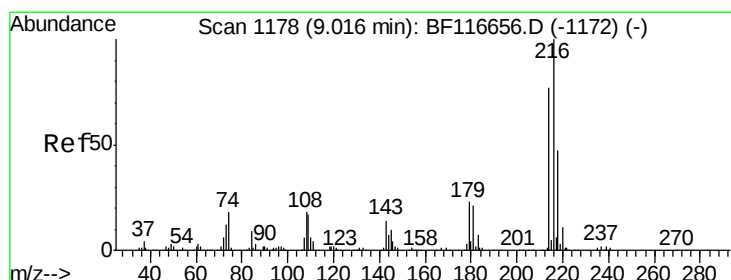
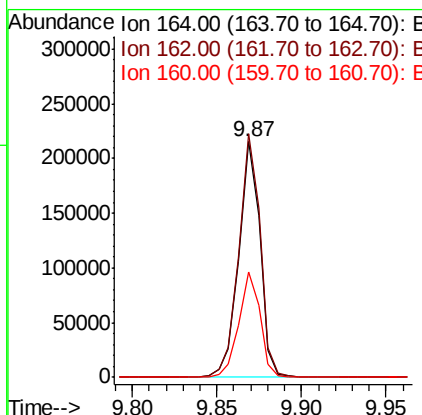
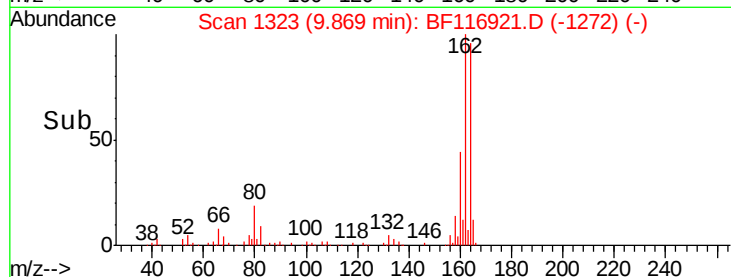
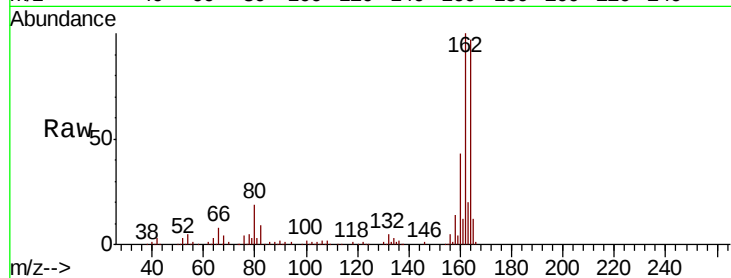
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	81.4	122.0	
160	45.0	35.4	53.2	

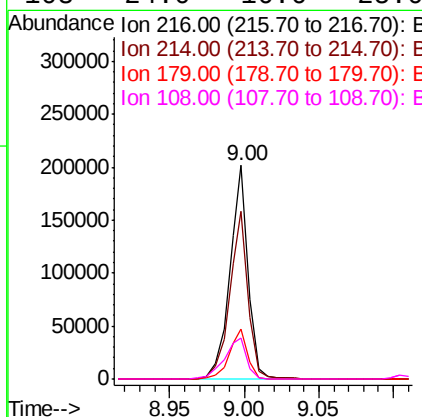
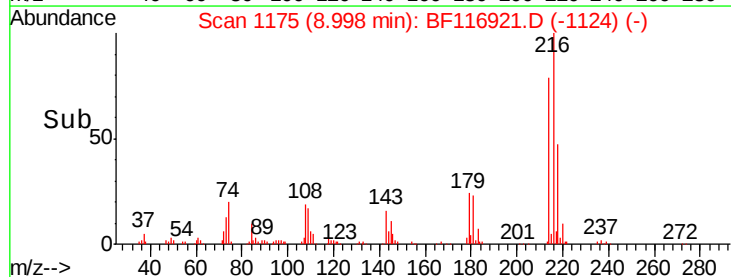
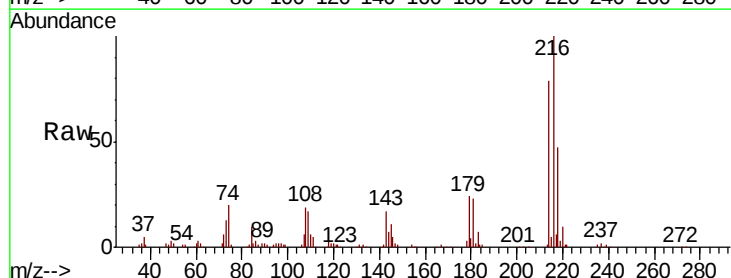
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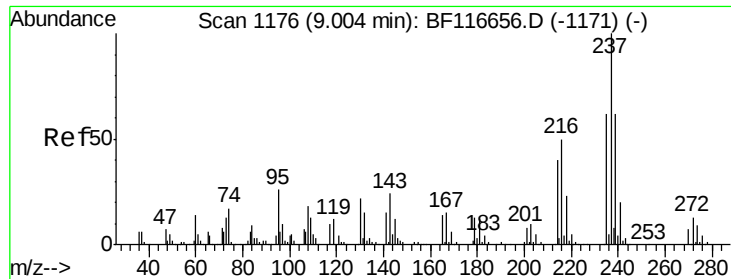
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.464 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	62.7	94.1	
179	23.6	19.3	28.9	
108	24.0	16.6	25.0	





#41

Hexachlorocyclopentadiene

Concen: 52.264 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

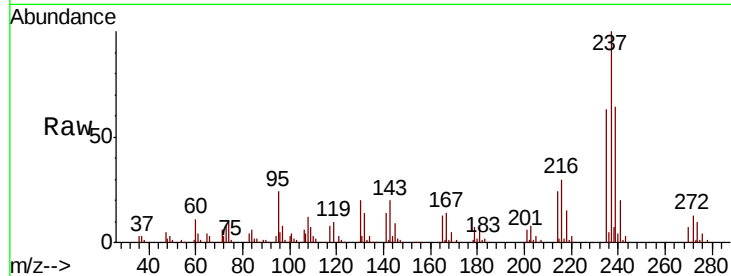
ClientSampleId :

PB122853BS

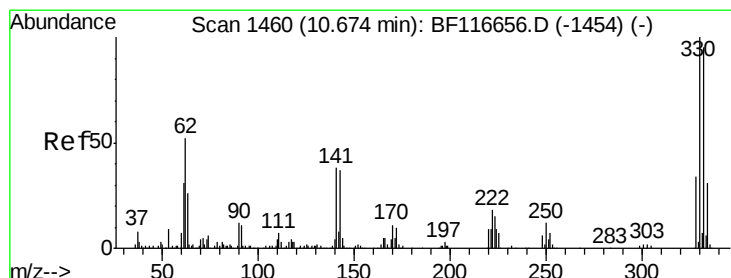
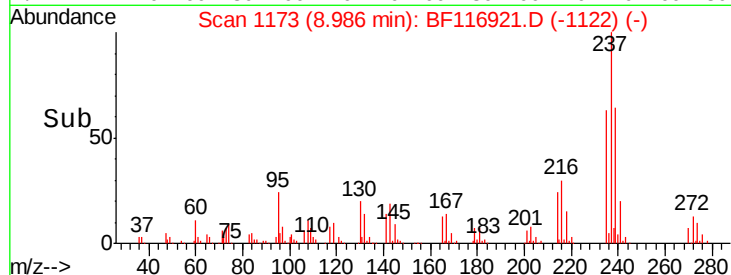
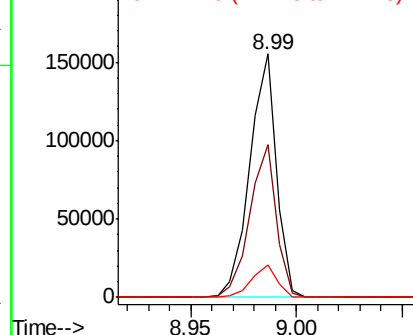
Tot Ion:	237	Resp:	136229
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.4	81.4
272	13.1	0.0	32.8

Manual Integrations
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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: 123.117 ng

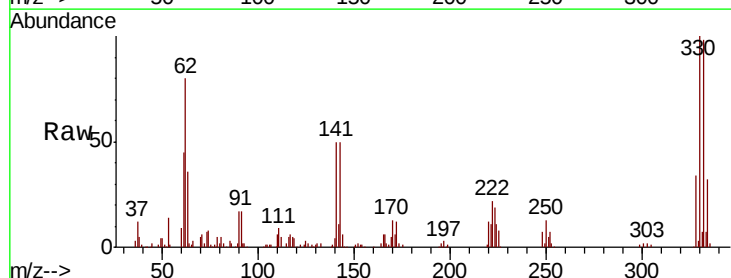
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

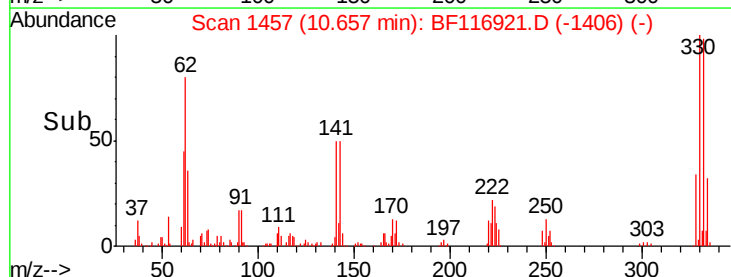
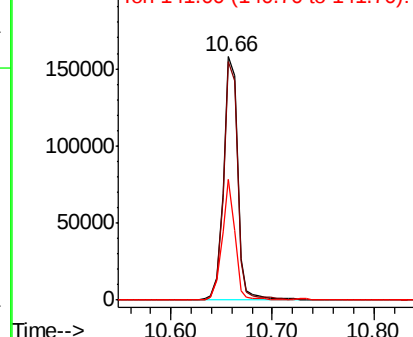
Lab File: BF116921.D

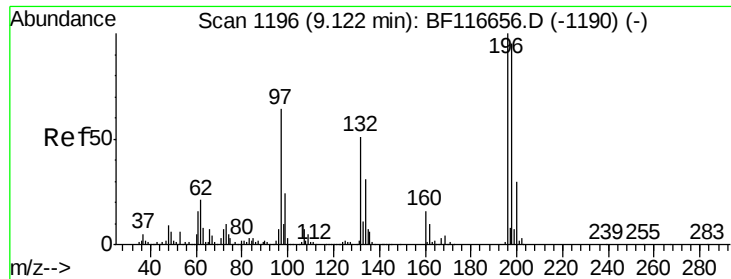
Acq: 10 Sep 2019 15:13

Tgt Ion:	330	Resp:	154978
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.9	115.3
141	44.5	31.4	47.2



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





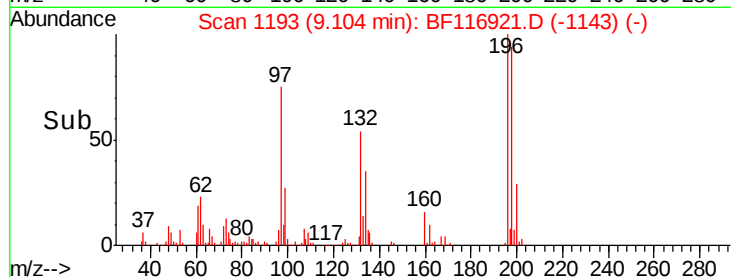
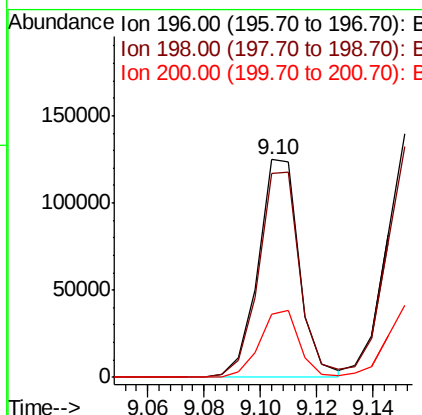
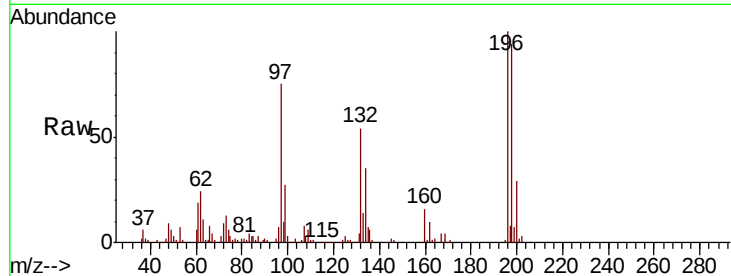
#43
 2,4,6-Trichlorophenol
 Concen: 40.743 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	126064		
198	93.8	79.1	118.7	
200	28.8	24.0	36.0	

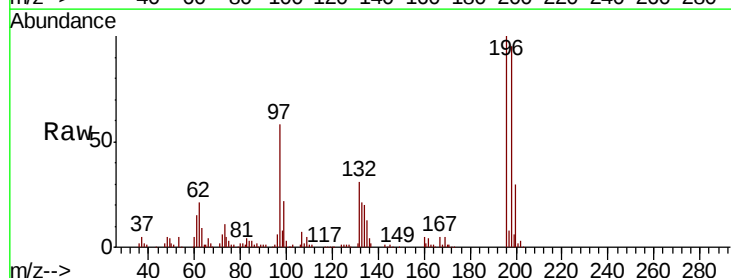
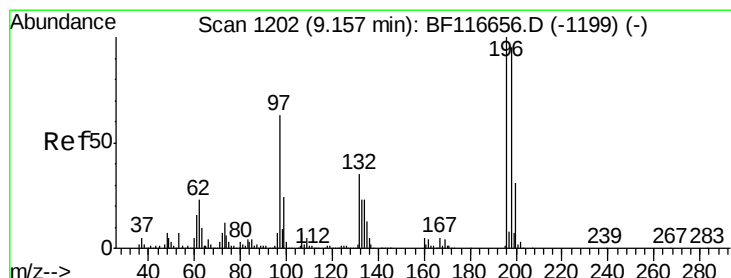
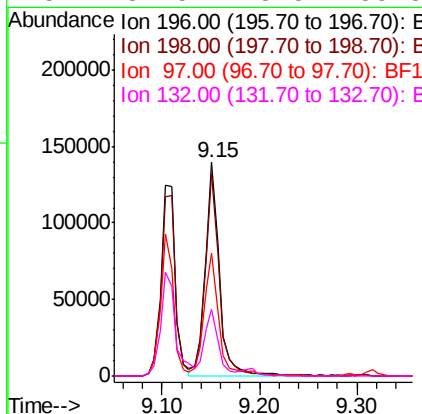
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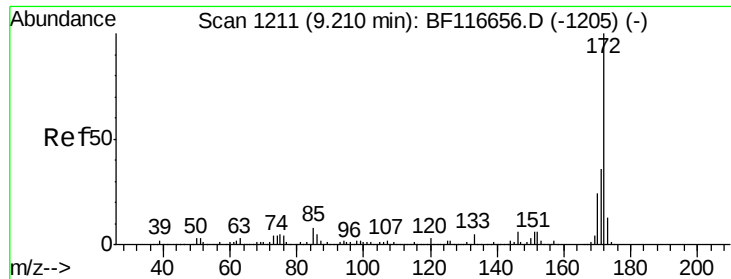
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.339 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142431		
198	94.5	78.1	117.1	
97	57.7	41.6	62.4	
132	31.5	23.5	35.3	





#45

2-Fluorobiphenyl

Concen: 63.686 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

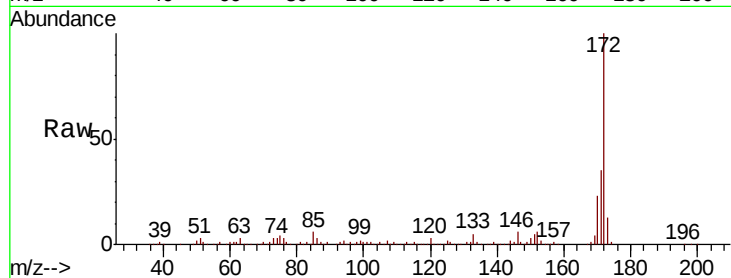
ClientSampleId :

PB122853BS

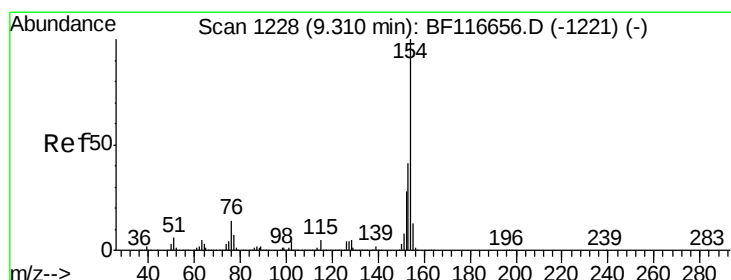
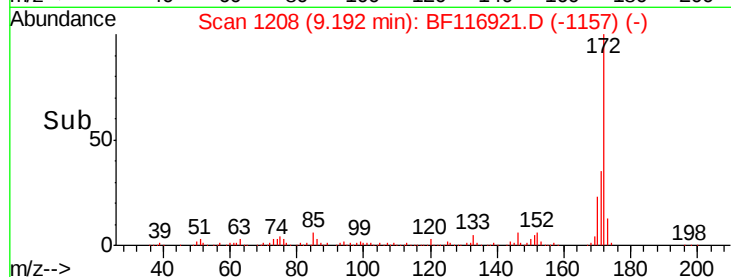
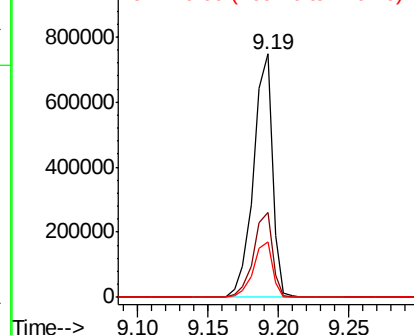
Tot Ion:	172	Resp:	710877
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.8	41.6
170	22.9	18.9	28.3

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



#46

1,1'-Biphenyl

Concen: 37.339 ng

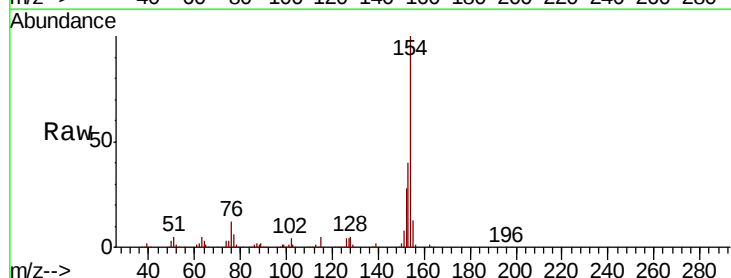
RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

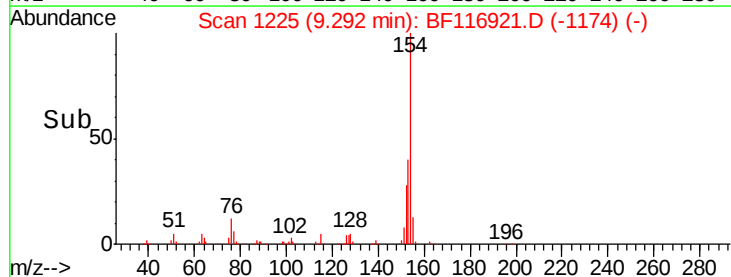
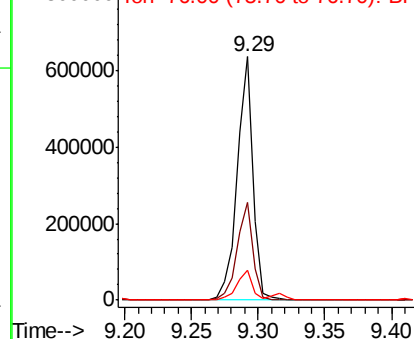
Lab File: BF116921.D

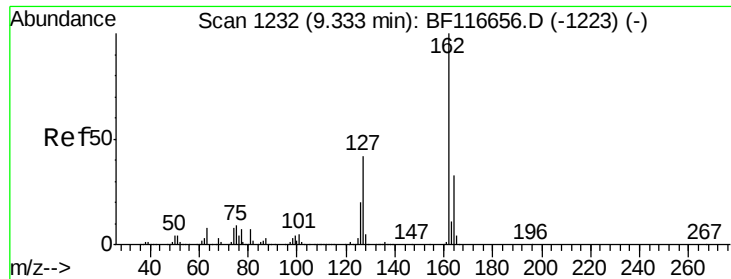
Acq: 10 Sep 2019 15:13

Tgt Ion:	154	Resp:	533491
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.2	61.2
76	12.2	0.0	30.9



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





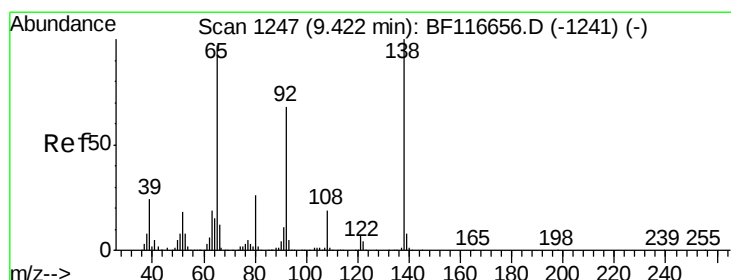
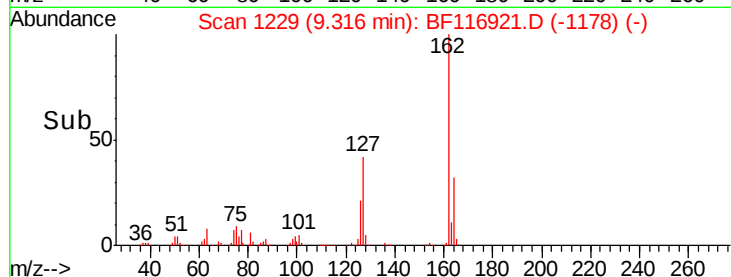
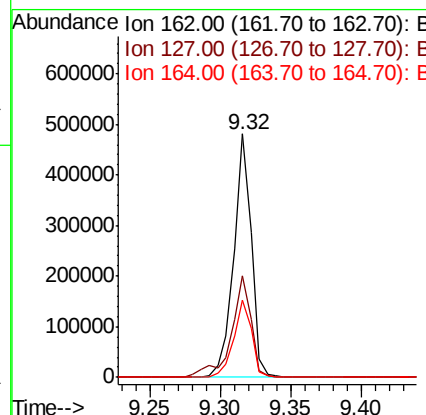
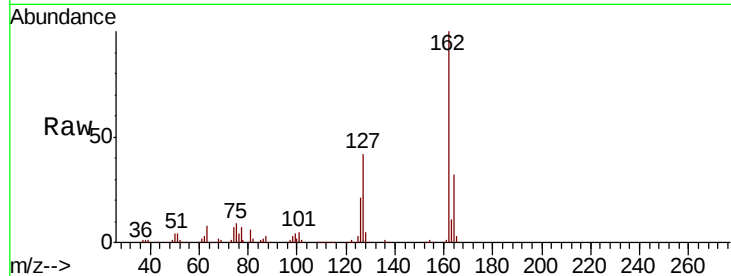
#47
2-Chloronaphthalene
Concen: 36.943 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	418065		
127	41.5	33.4	50.2	
164	31.9	26.6	39.8	

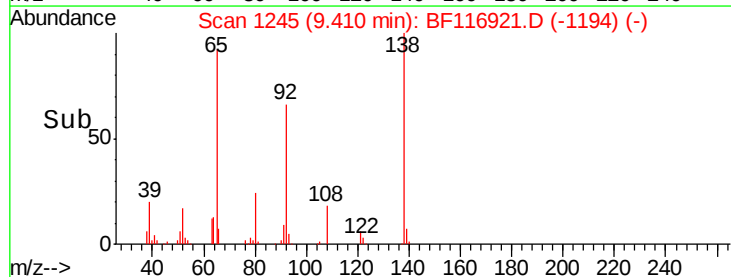
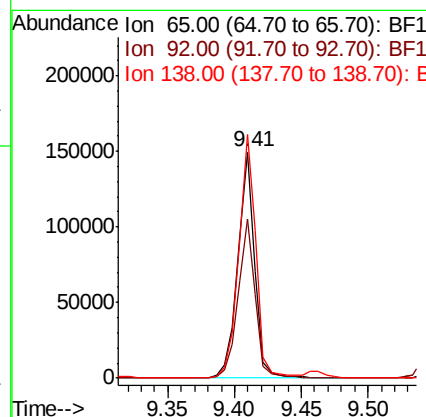
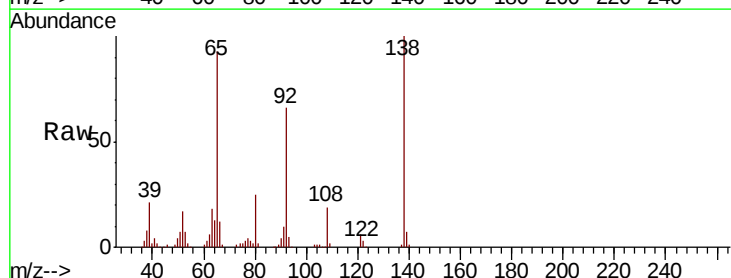
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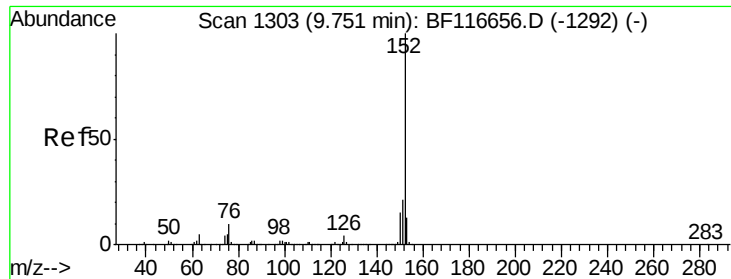
mohammad
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#48
2-Nitroaniline
Concen: 41.023 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	134214		
92	70.7	57.1	85.7	
138	107.8	88.2	132.2	





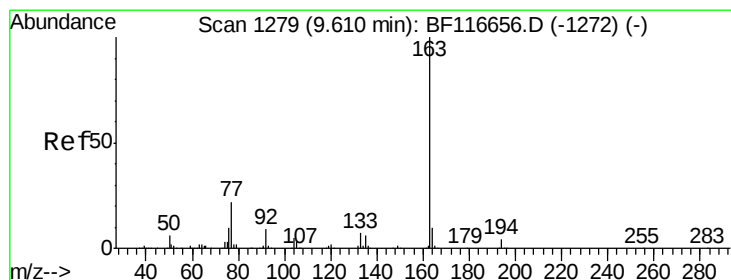
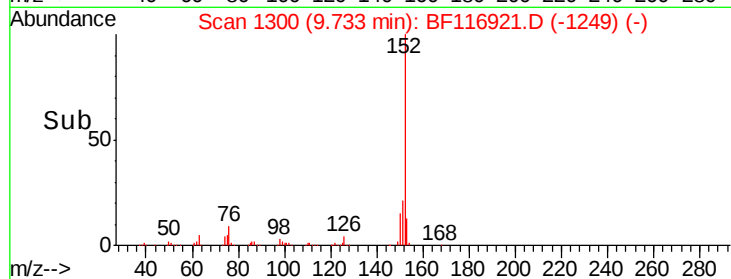
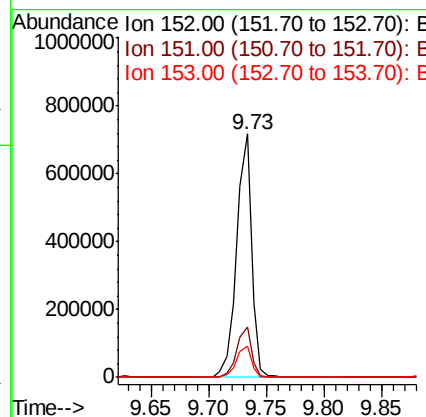
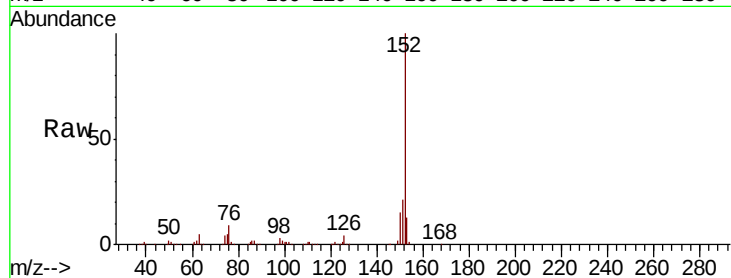
#49
Acenaphthylene
Concen: 37.997 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		649993		
151	20.7	15.9	23.9		
153	12.8	10.9	16.3		

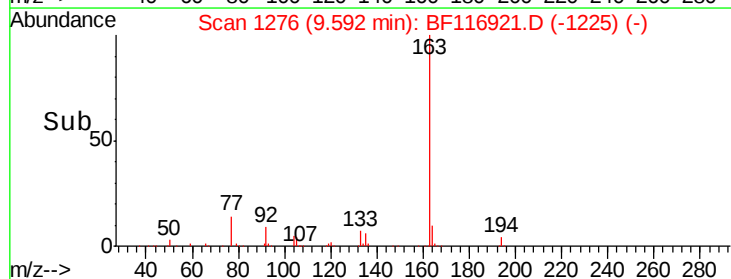
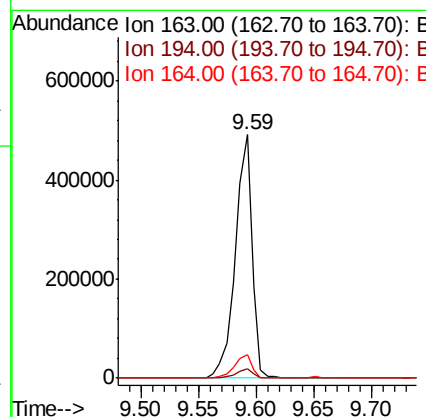
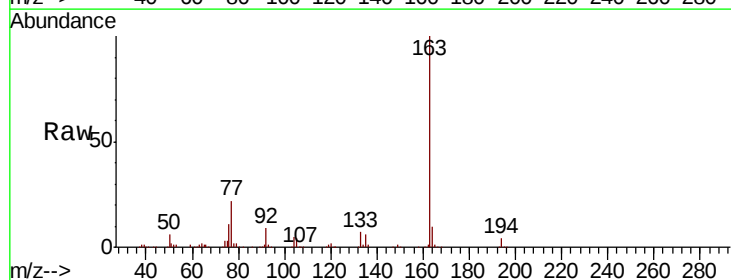
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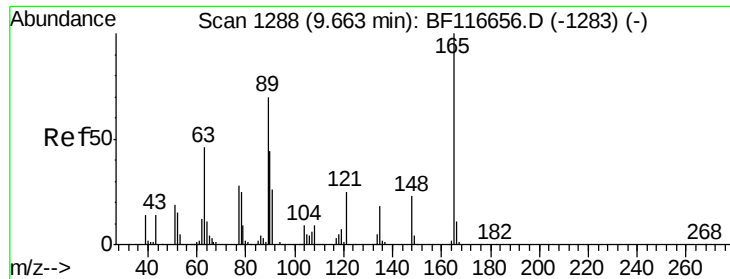
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#50
Dimethylphthalate
Concen: 37.993 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		493895		
194	3.7	2.8	4.2		
164	9.9	8.6	12.8		





#51

2,6-Dinitrotoluene

Concen: 44.721 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

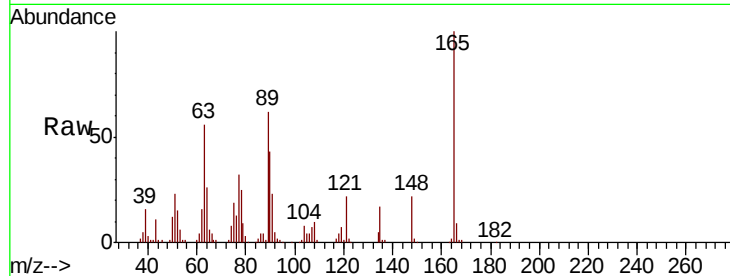
ClientSampleId :

PB122853BS

Tot Ion:	165	Resp:	110921
Ion Ratio	Lower	Upper	
165	100		
63	56.3	47.3	70.9
89	61.9	52.5	78.7

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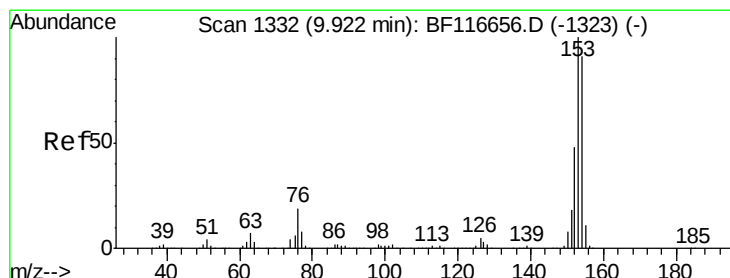
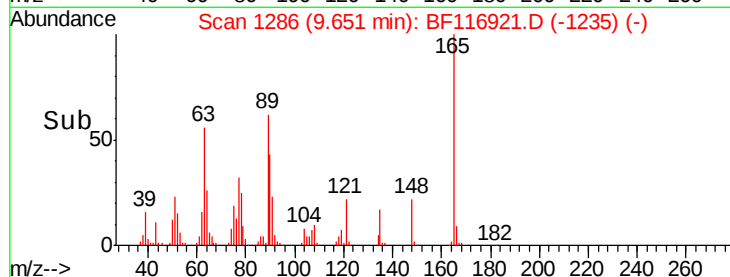
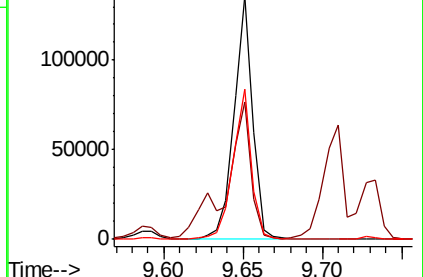
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.746 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF116921.D

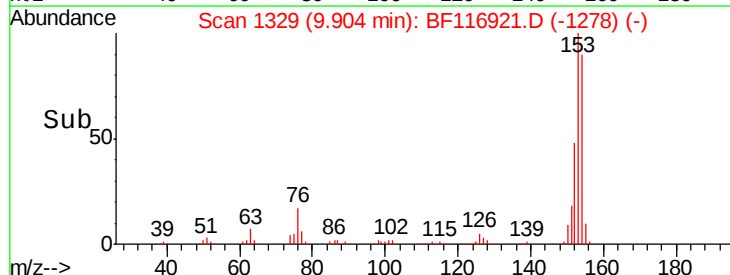
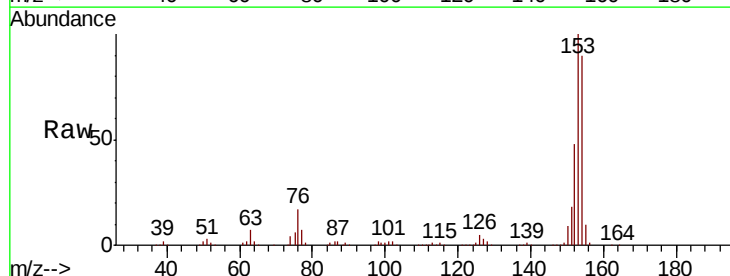
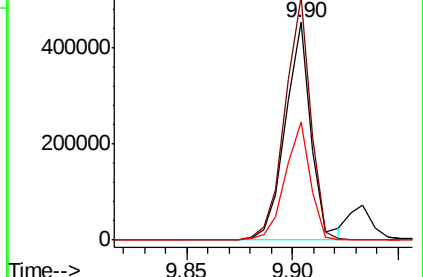
Acq: 10 Sep 2019 15:13

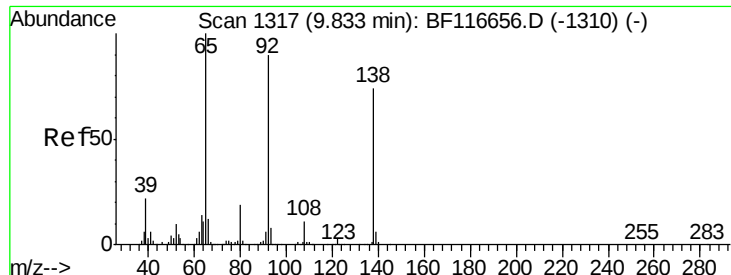
Tgt Ion:	154	Resp:	386229
Ion Ratio	Lower	Upper	
154	100		
153	111.7	89.5	134.3
152	54.1	41.9	62.9

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





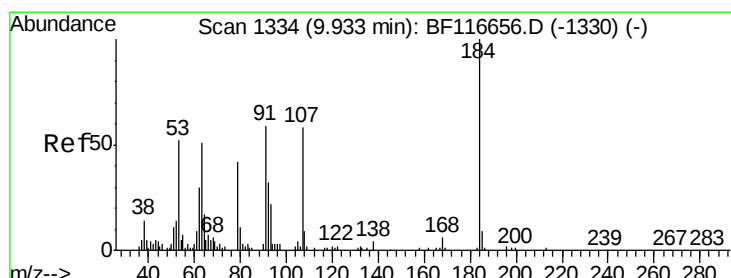
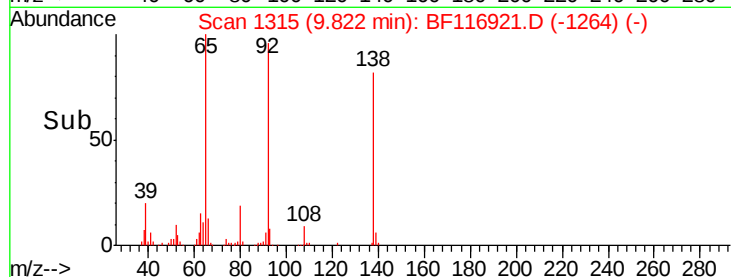
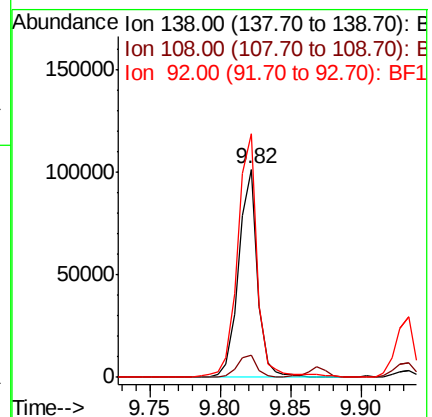
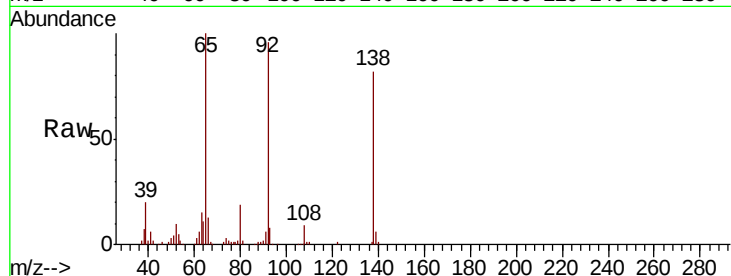
#53
3-Nitroaniline
Concen: 30.425 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	116.9	87.2	130.8

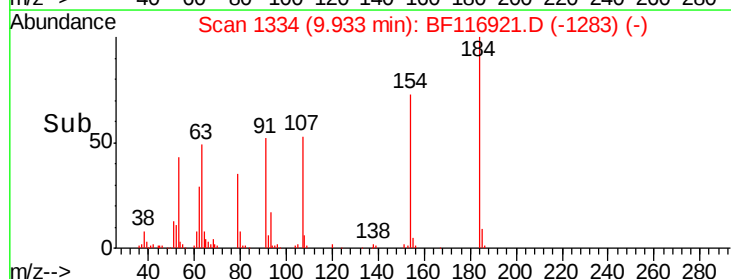
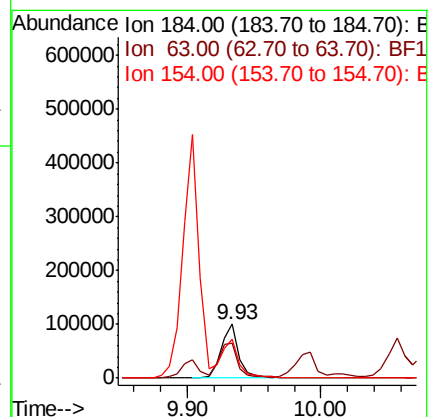
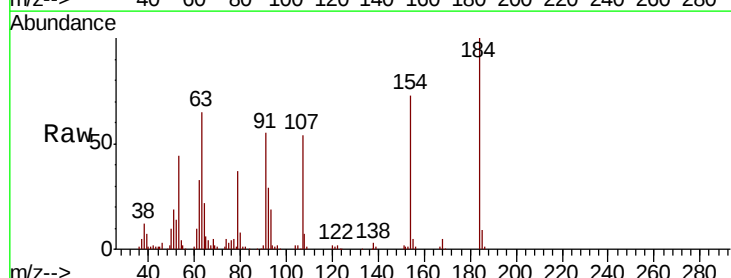
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#54
2,4-Dinitrophenol
Concen: 104.890 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.9	52.2	78.2
154	72.8	60.8	91.2





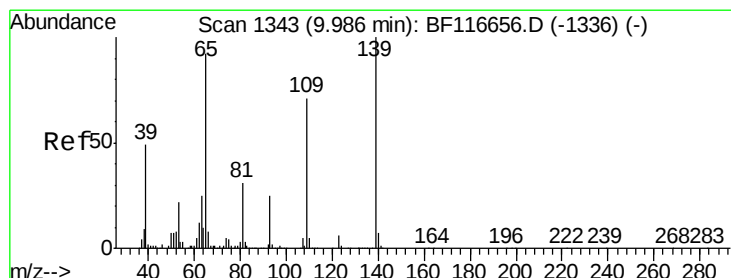
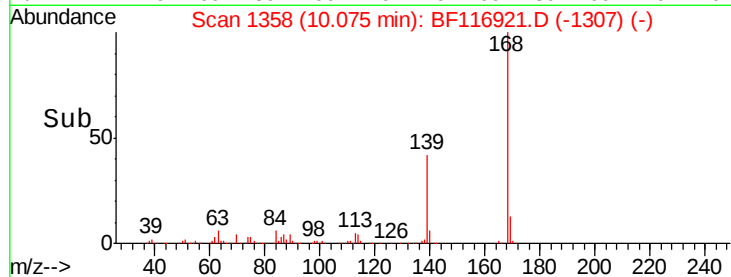
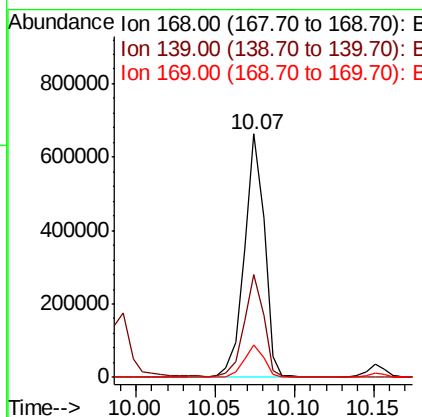
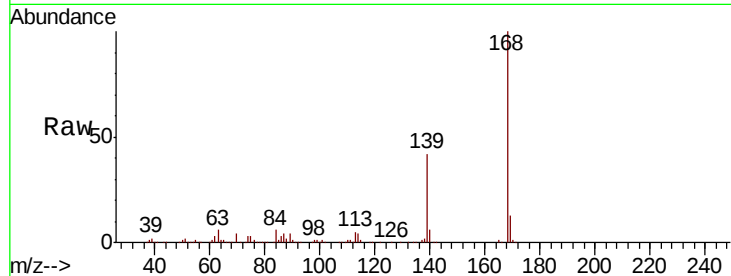
#55
Dibenzofuran
Concen: 39.204 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	580891		
139	42.1		31.5	47.3
169	13.5		10.3	15.5

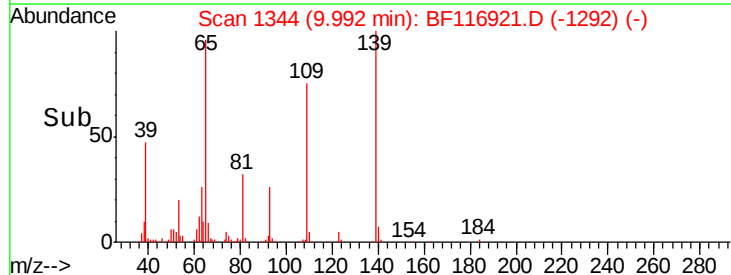
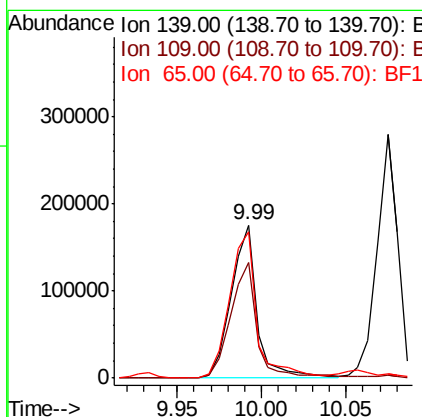
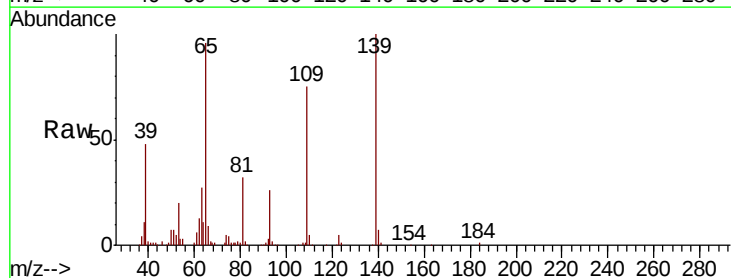
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#56
4-Nitrophenol
Concen: 87.328 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	186120		
109	75.4		61.7	101.7
65	95.7		89.1	129.1





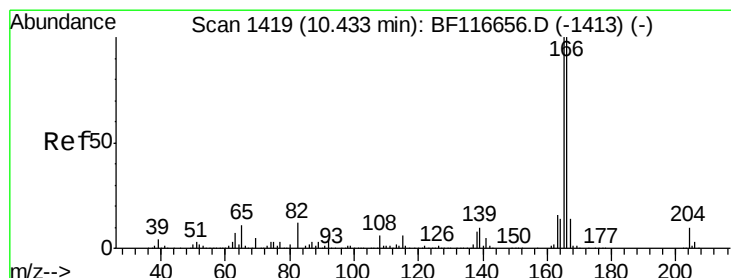
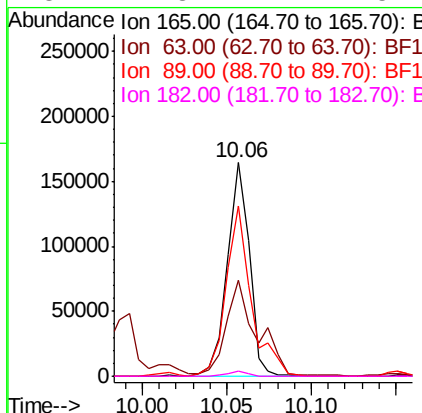
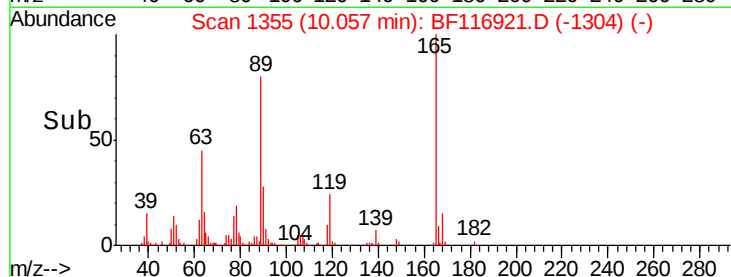
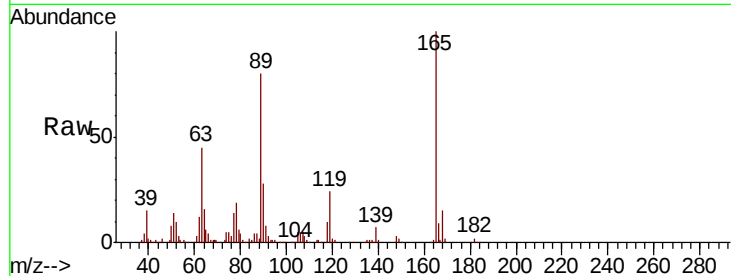
#57
2,4-Dinitrotoluene
Concen: 49.090 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	36.4	54.6
89	79.6	62.6	94.0
182	2.3	2.1	3.1

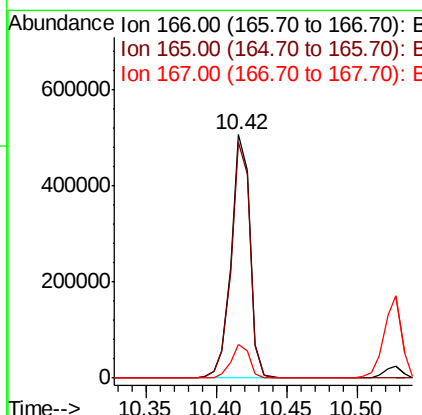
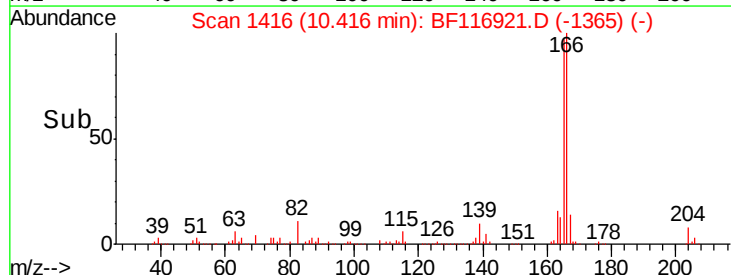
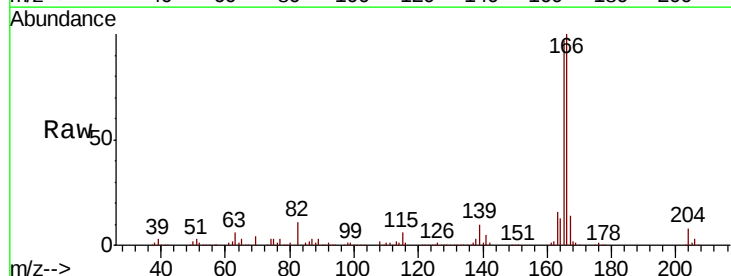
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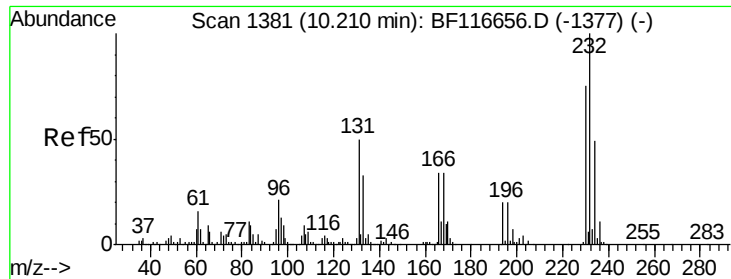
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#58
Fluorene
Concen: 41.390 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.8	118.2
167	13.6	10.0	15.0





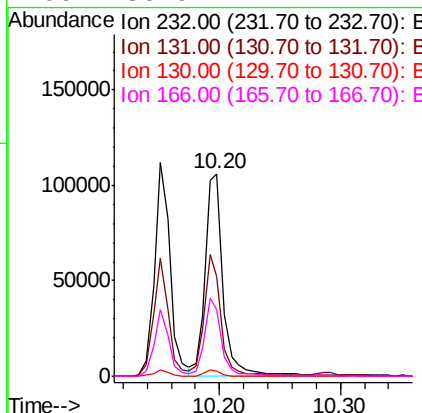
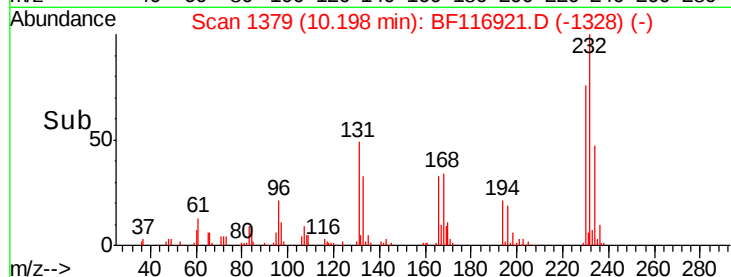
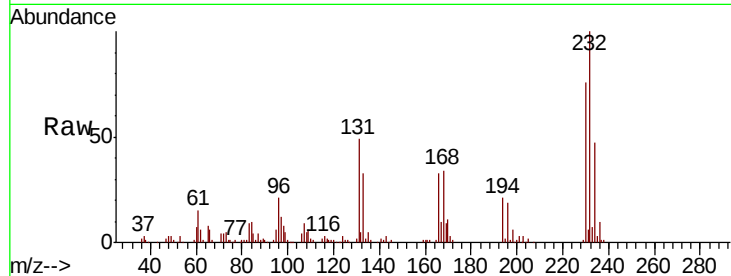
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.784 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	108462		
131	54.8	42.7	64.1	
130	2.6	1.9	2.9	
166	36.9	27.4	41.2	

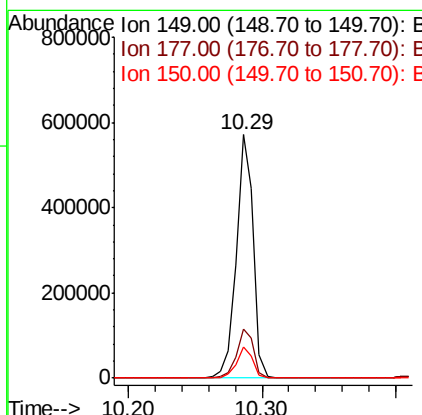
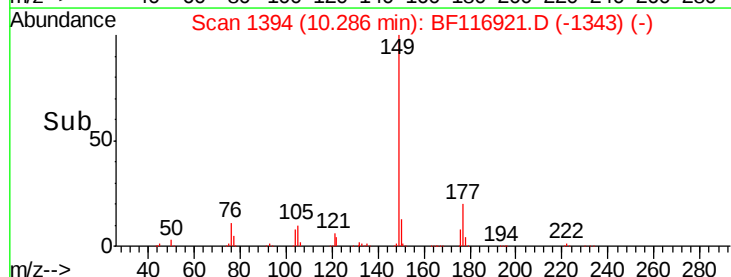
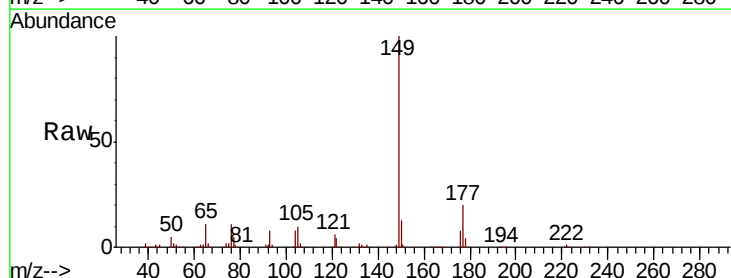
Manual Integrations
APPROVED

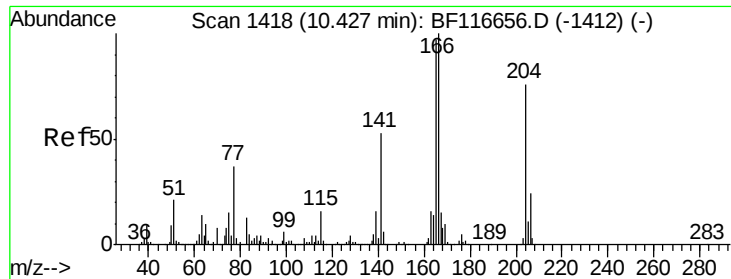
mohammad
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#60
Diethylphthalate
Concen: 38.980 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	507588		
177	20.0	17.2	25.8	
150	12.5	9.7	14.5	





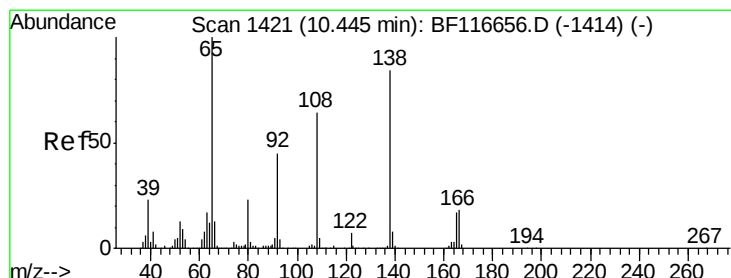
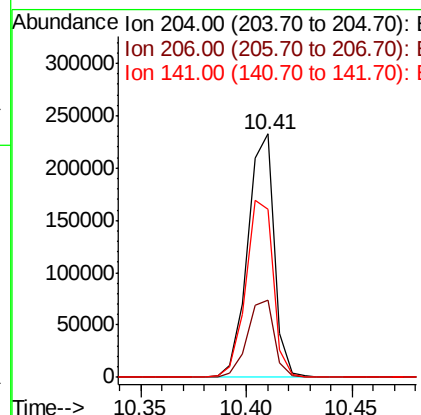
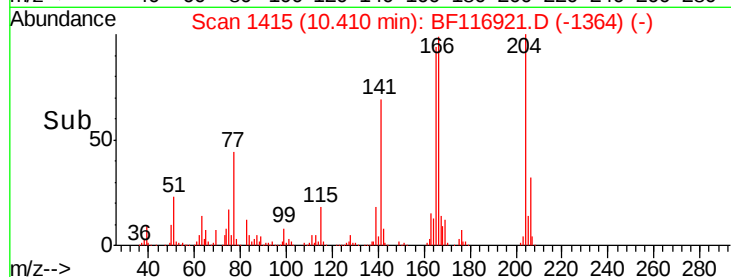
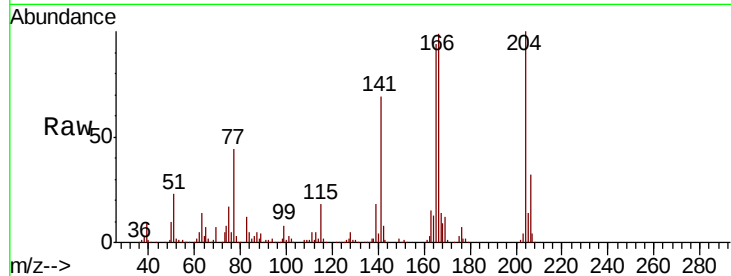
#61
 4-Chlorophenyl-phenylether
 Concen: 40.903 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion:	204	Resp:	202221
Ion Ratio	Lower	Upper	
204	100		
206	32.0	25.4	38.2
141	69.2	53.8	80.8

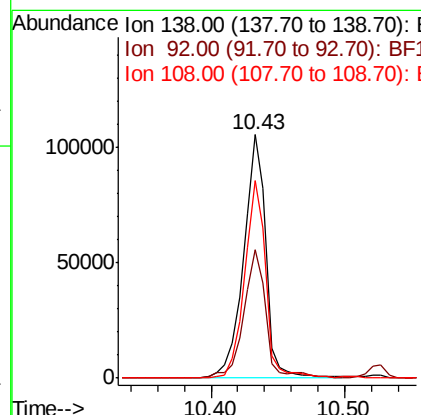
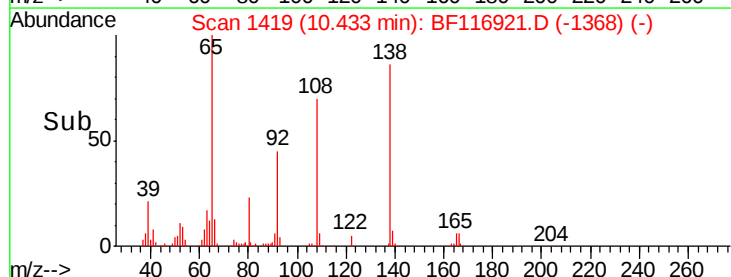
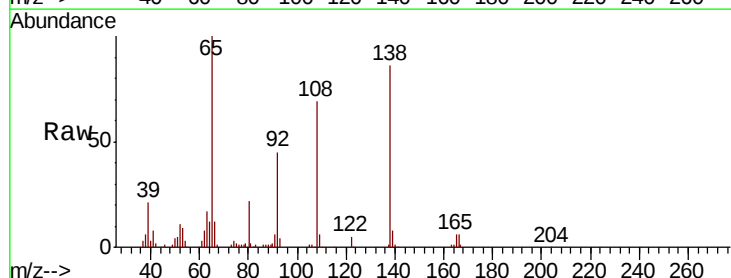
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#62
 4-Nitroaniline
 Concen: 40.526 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion:	138	Resp:	122246
Ion Ratio	Lower	Upper	
138	100		
92	52.6	28.7	68.7
108	81.0	60.4	100.4





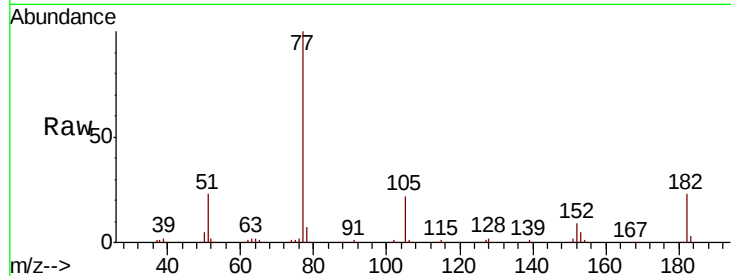
#63
Azobenzene
Concen: 37.922 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

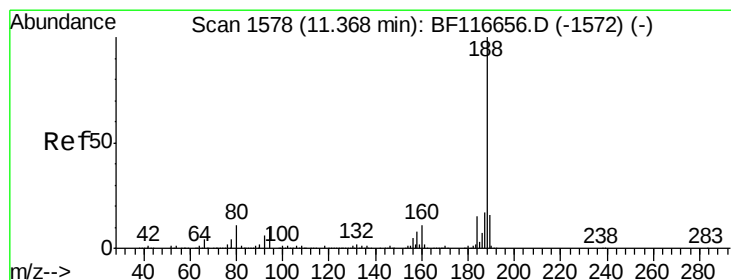
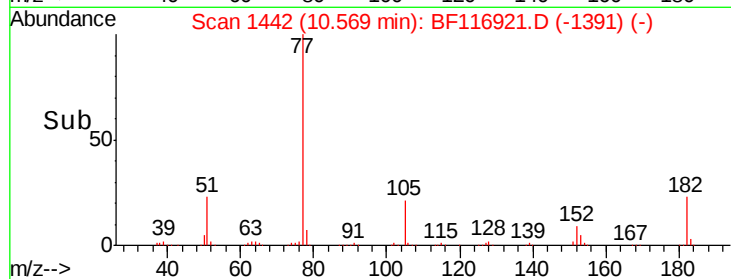
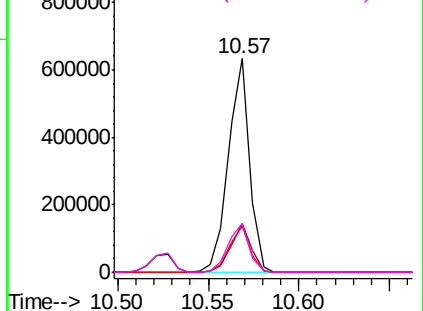
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	22.7	1.2	41.2	
105	21.7	0.6	40.6	
51	22.9	8.2	48.2	

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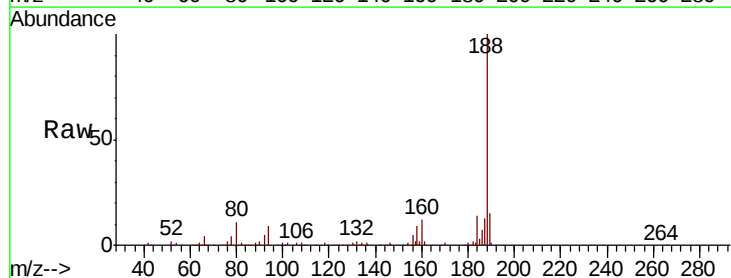


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

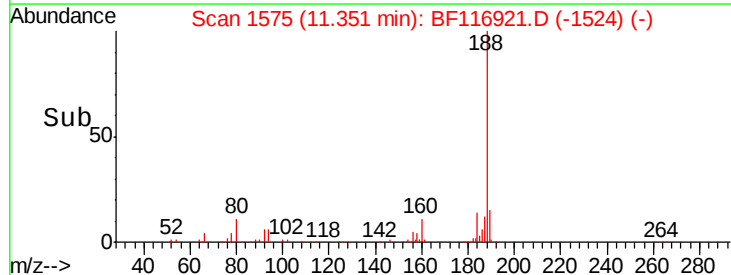
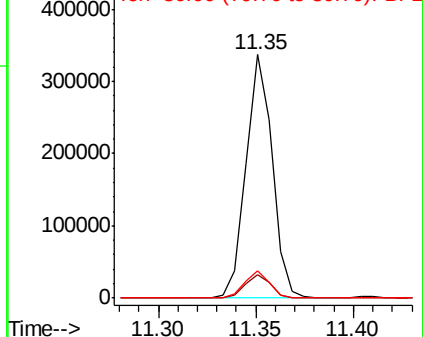


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	7.3	10.9	
80	11.0	8.4	12.6	



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





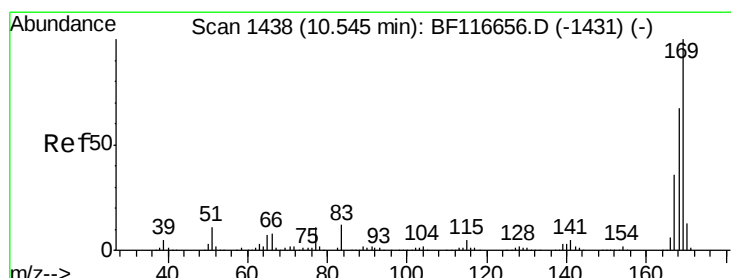
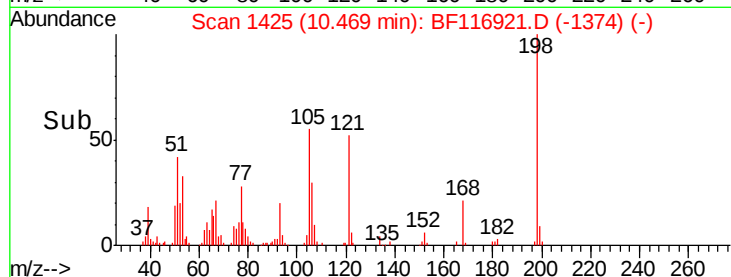
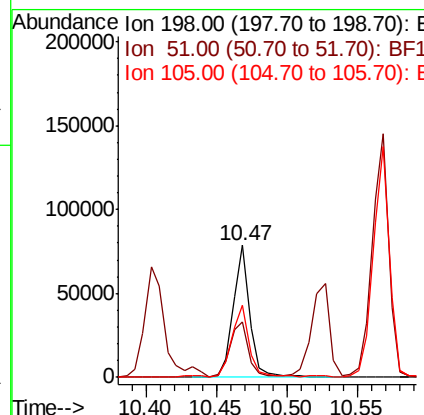
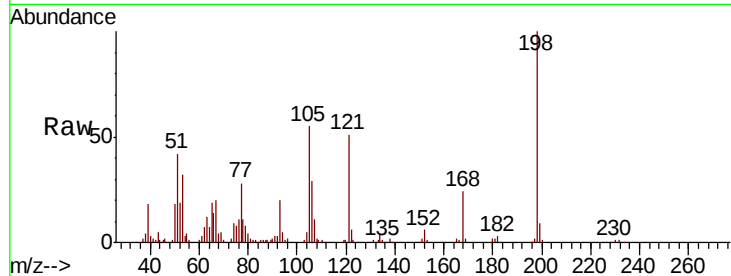
#65
4,6-Dinitro-2-methylphenol
Concen: 54.478 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.1	18.4	58.4
105	54.7	22.9	62.9

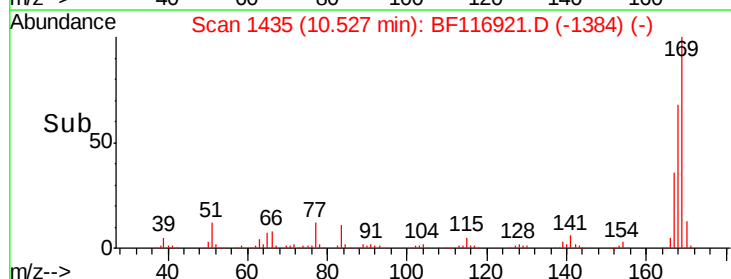
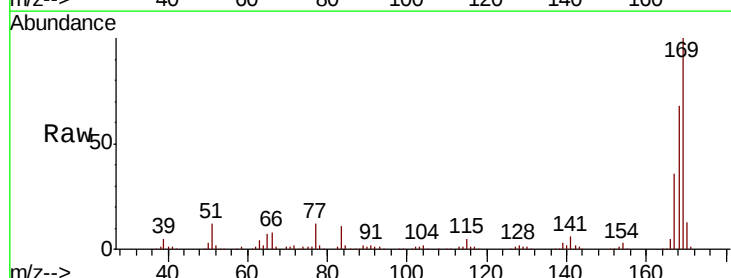
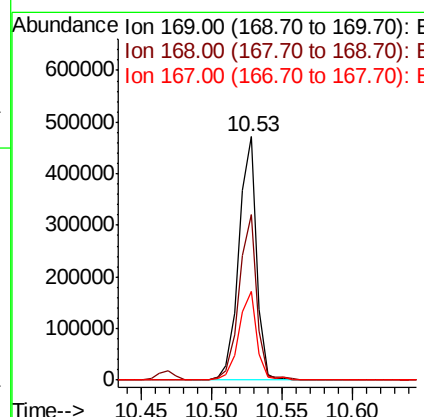
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#66
n-Nitrosodiphenylamine
Concen: 37.722 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.8	83.6
167	36.5	29.4	44.2





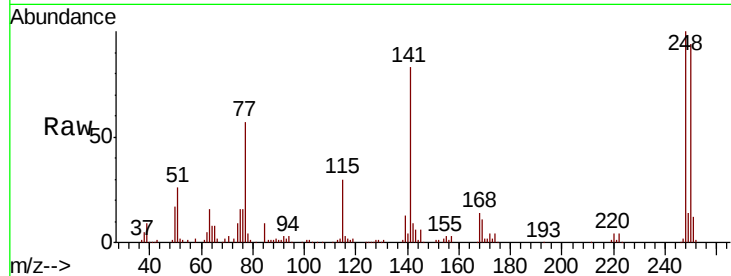
#67
4-Bromophenyl-phenylether
Concen: 37.698 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	77.8	116.8
141	82.8	75.9	113.9

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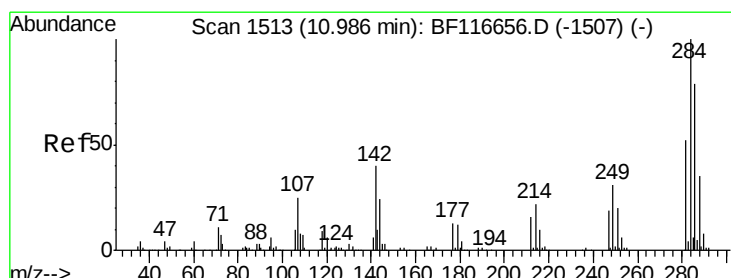
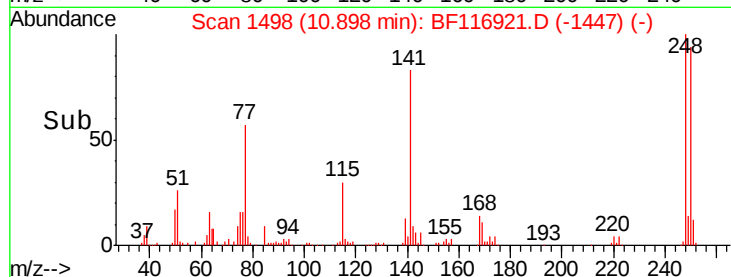
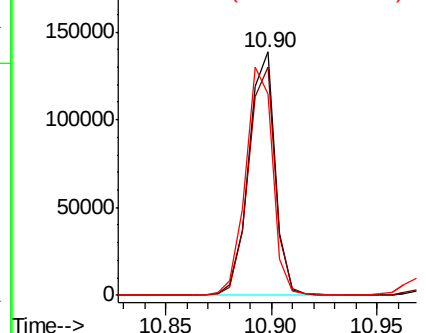


Abundance

Ion 248.00 (247.70 to 248.70): E

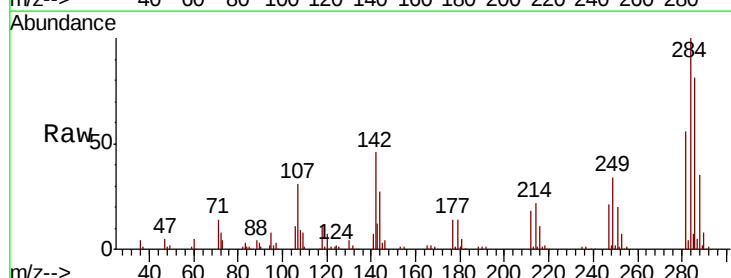
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.736 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.9	34.0	51.0
249	34.2	26.4	39.6

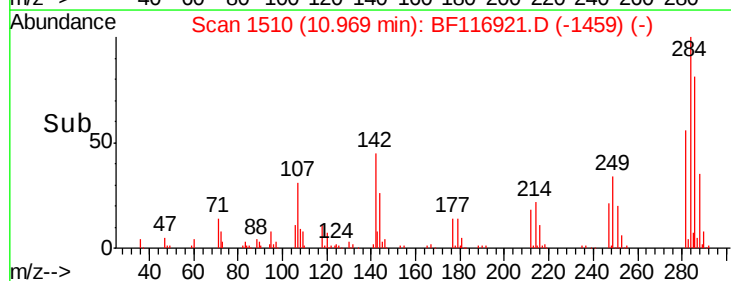
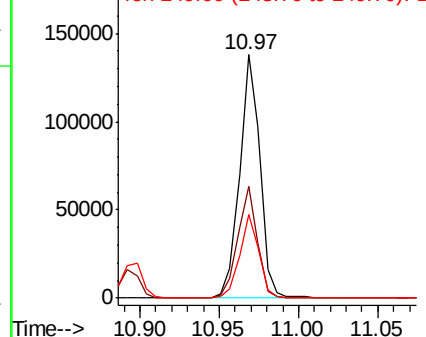


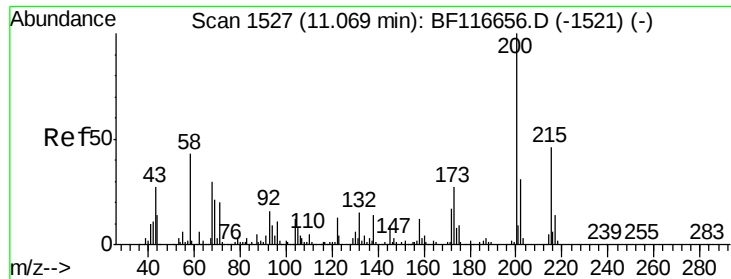
Abundance

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





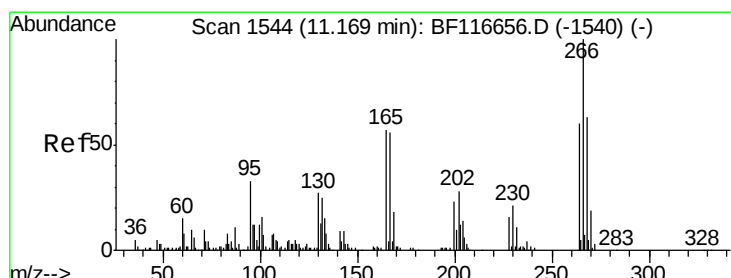
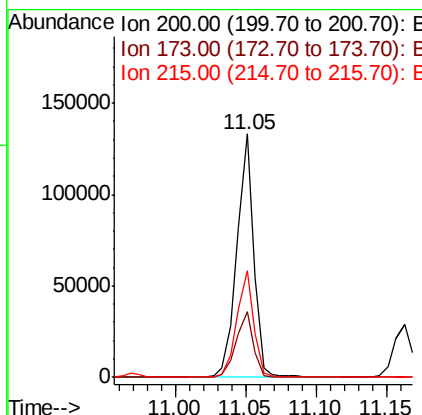
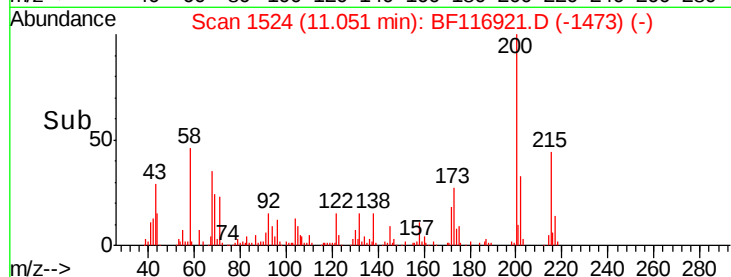
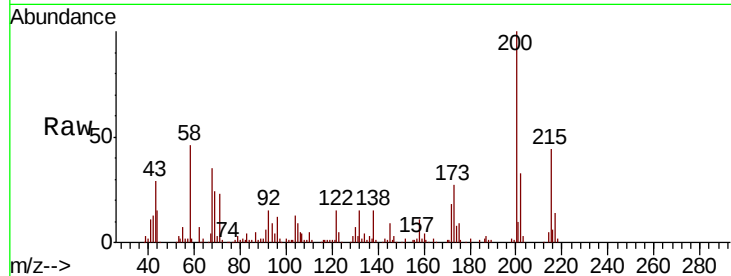
#69
Atrazine
Concen: 36.640 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	6.2	46.2
215	43.9	24.3	64.3

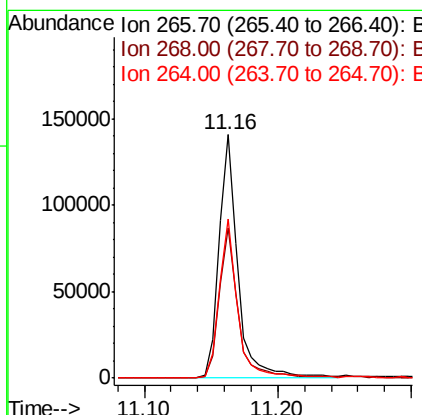
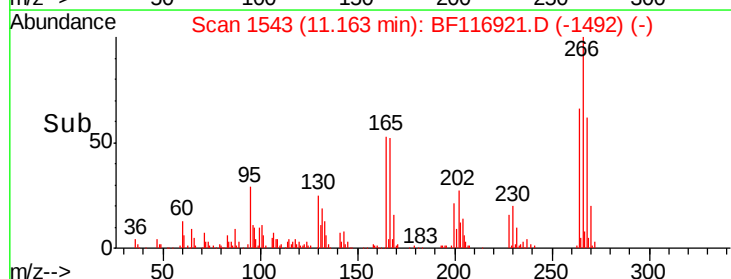
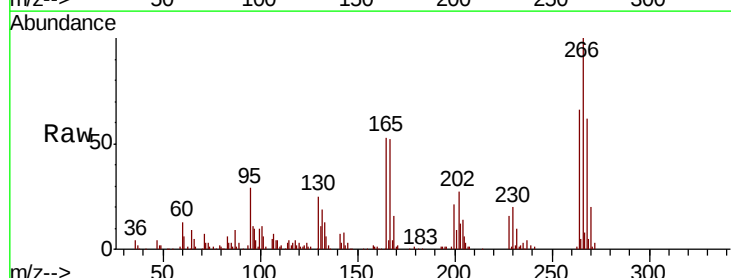
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#70
Pentachlorophenol
Concen: 88.095 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.9	51.2	76.8
264	65.6	51.9	77.9





#71

Phenanthrene

Concen: 37.908 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

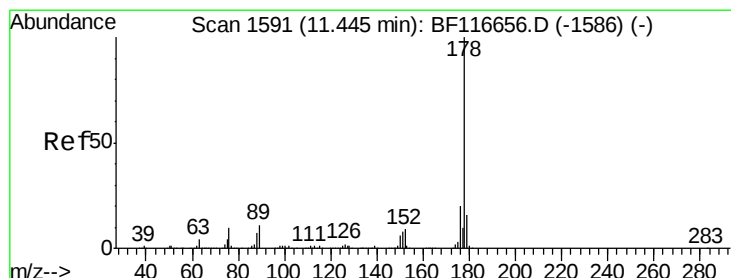
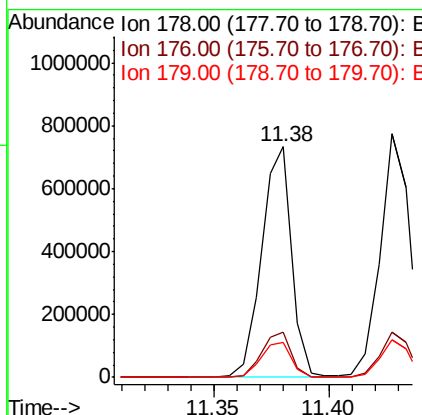
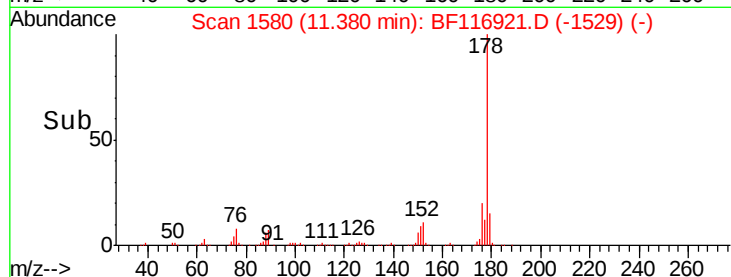
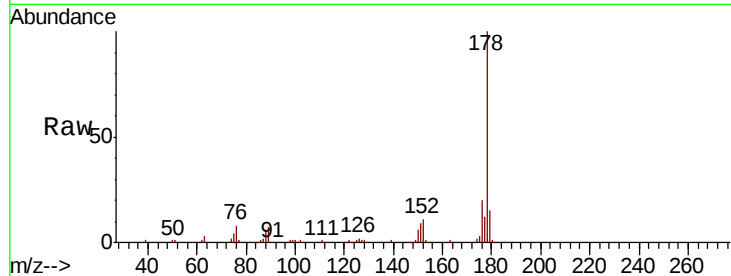
ClientSampled :

PB122853BS

Tot Ion:178	Resp:	663171
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.4 23.0
179	15.3	12.2 18.2

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#72

Anthracene

Concen: 38.771 ng

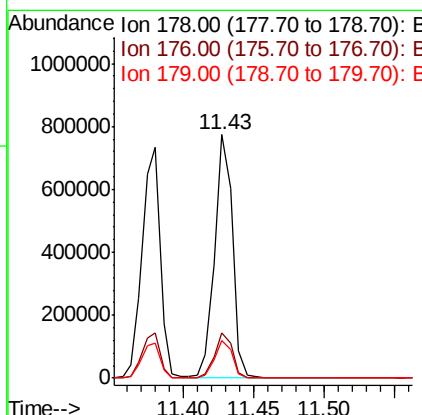
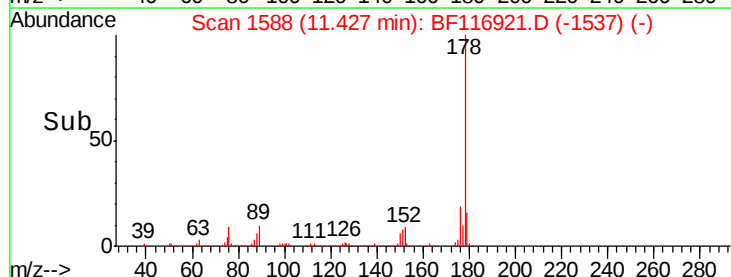
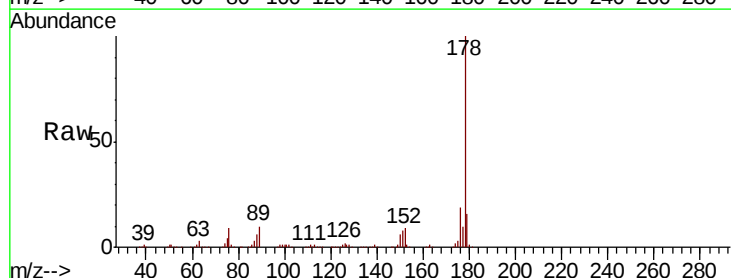
RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion:178	Resp:	682777
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.4 23.0
179	15.6	12.5 18.7





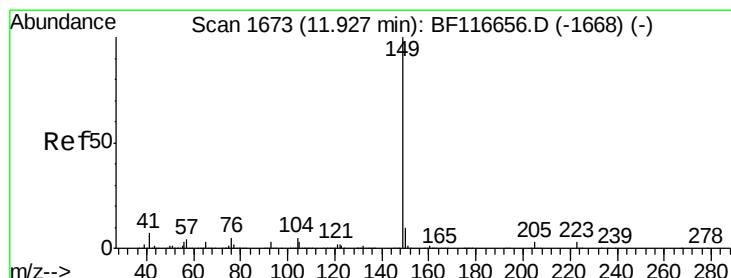
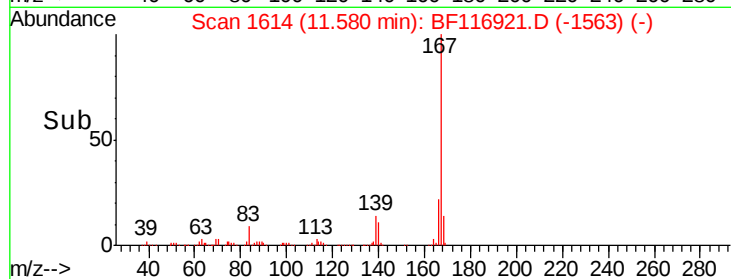
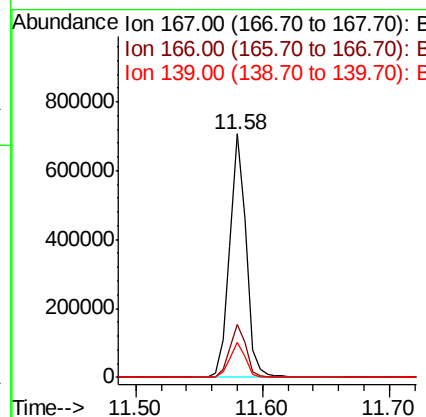
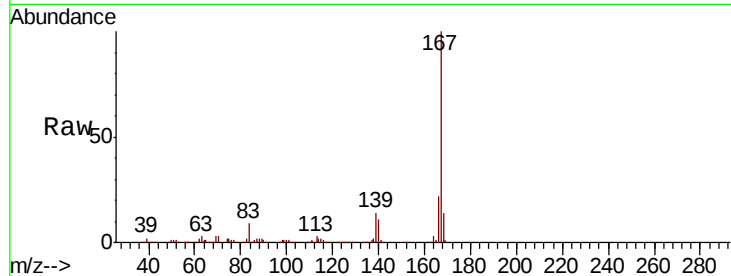
#73
 Carbazole
 Concen: 38.071 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion:	167	Resp:	638641
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.8	26.6
139	14.1	11.1	16.7

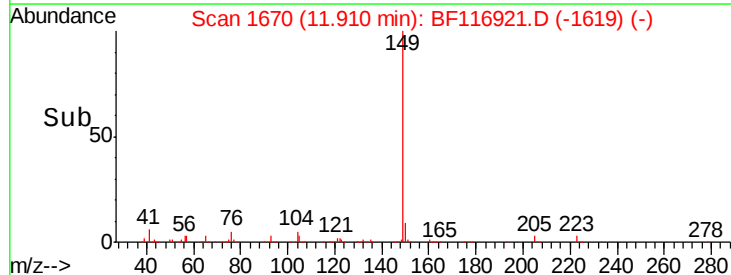
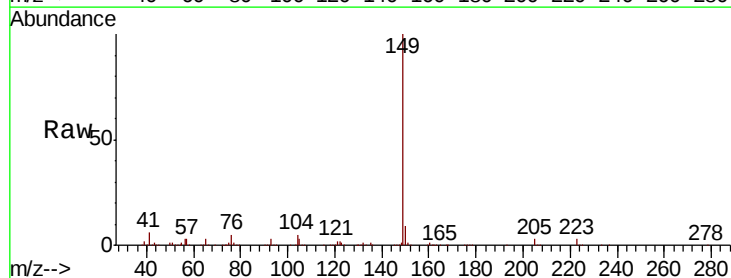
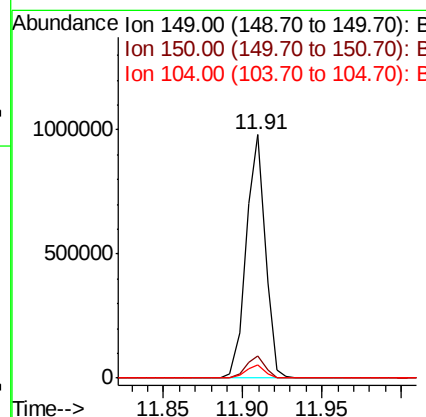
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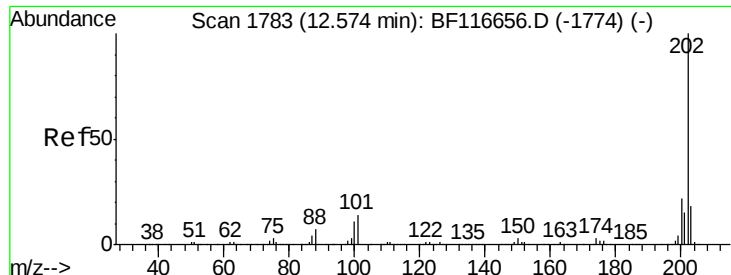
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#74
 Di-n-butylphthalate
 Concen: 38.000 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion:	149	Resp:	817201
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.2	10.8
104	5.3	4.2	6.2





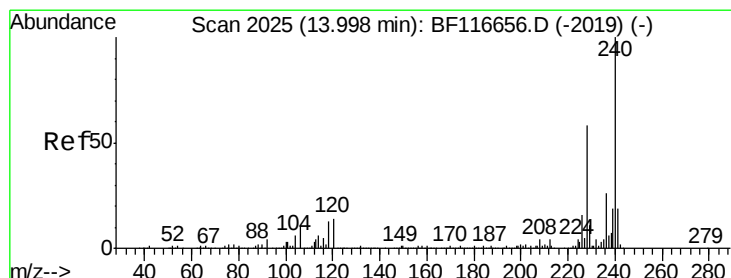
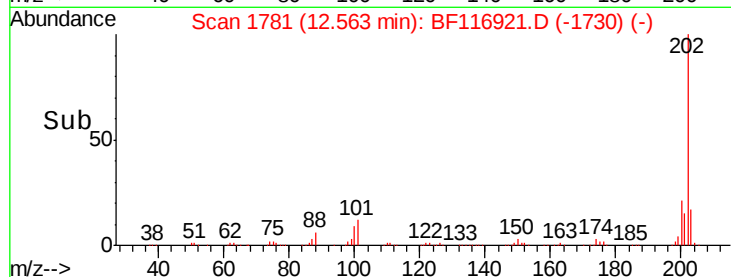
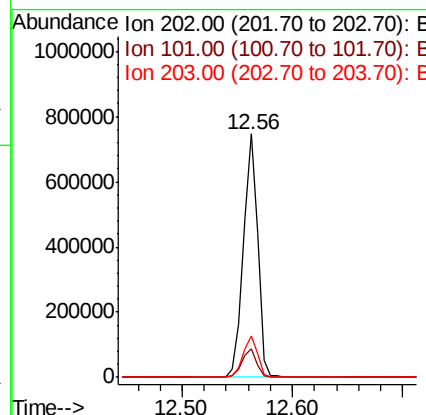
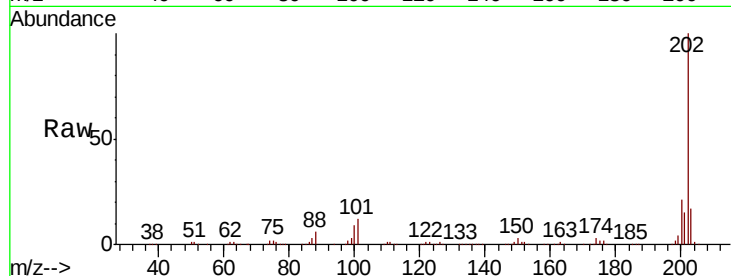
#75
 Fluoranthene
 Concen: 39.761 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	31.3
203	16.9	0.0	37.6

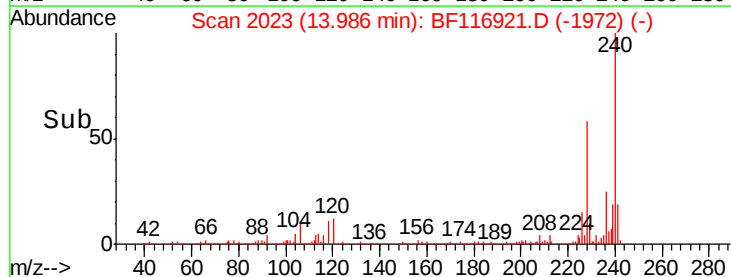
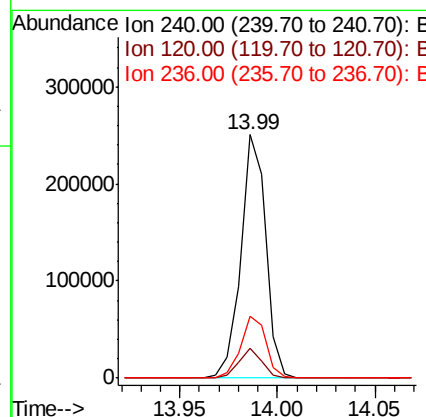
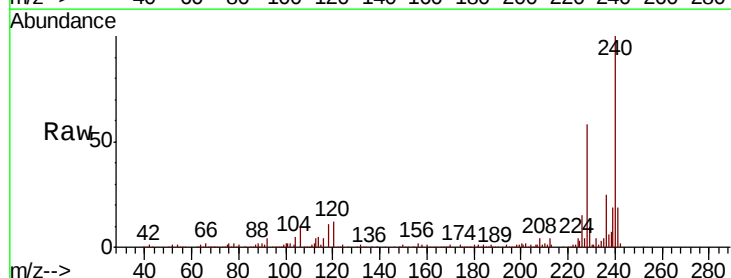
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	9.1	13.7
236	25.5	21.1	31.7





#77

Benzidine

Concen: 14.250 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

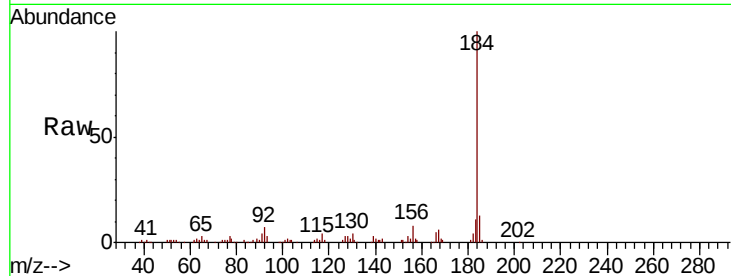
ClientSampleId :

PB122853BS

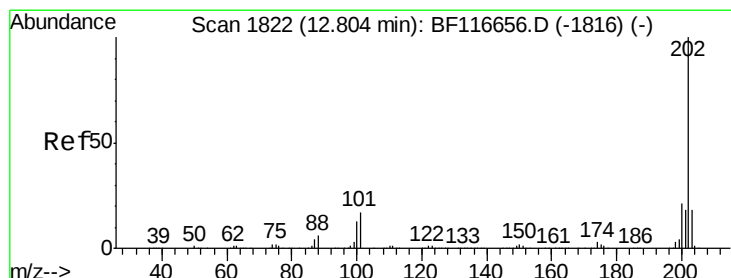
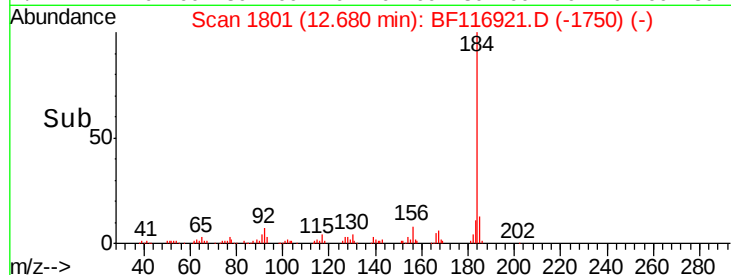
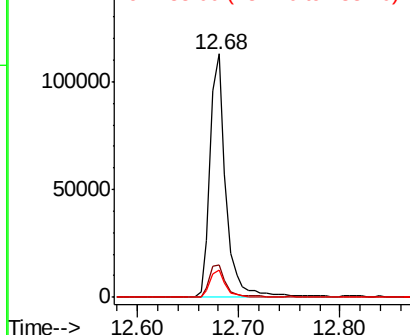
Tot Ion:	184	Resp:	123776
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.3	16.9
183	11.1	9.2	13.8

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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: 35.635 ng

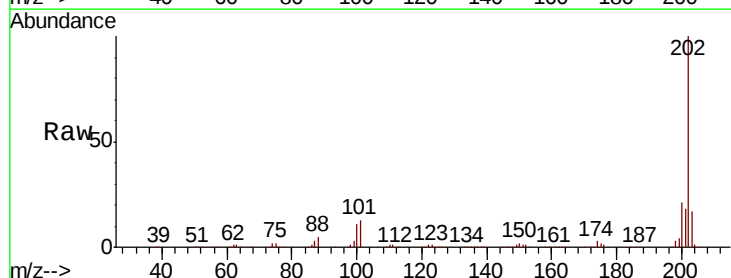
RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

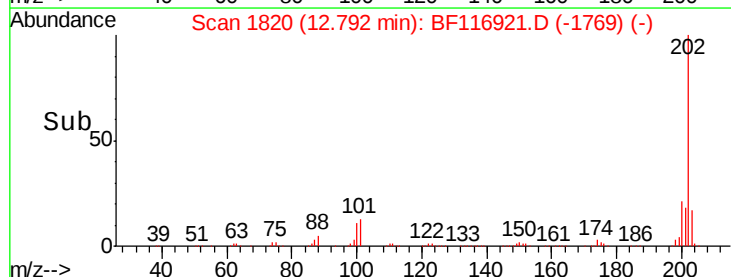
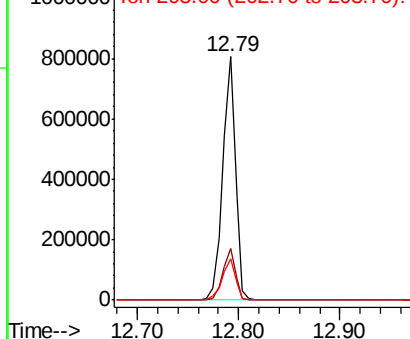
Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion:	202	Resp:	701488
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.5	24.7
203	17.2	13.7	20.5



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





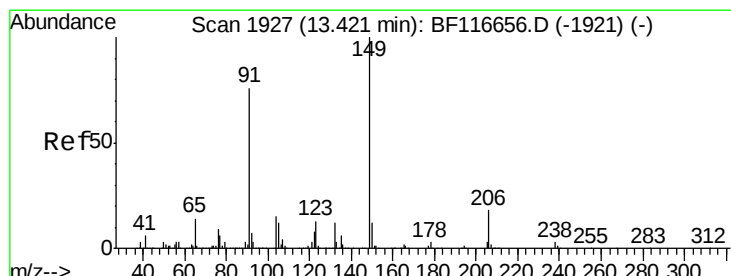
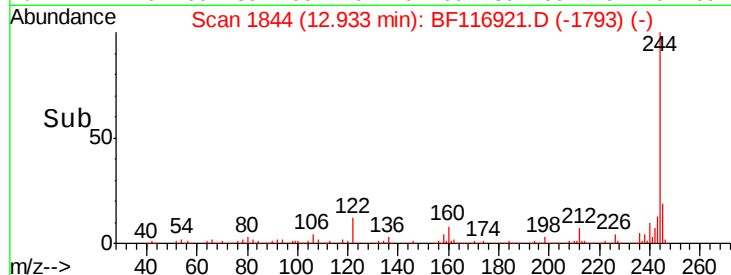
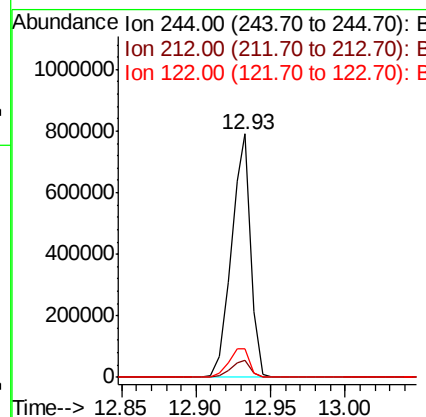
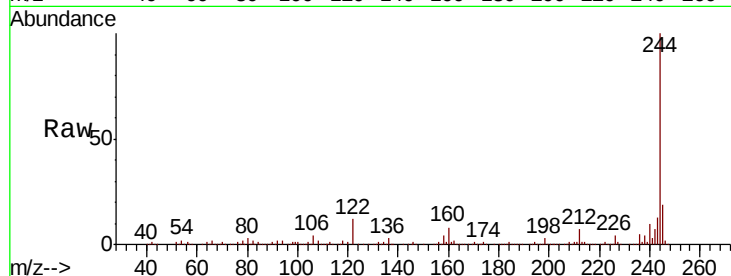
#79
 Terphenyl-d14
 Concen: 60.274 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.0	10.2	15.4

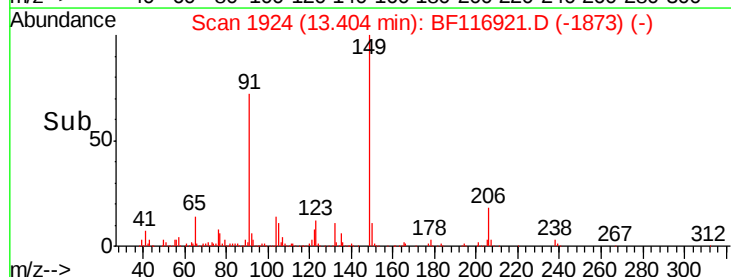
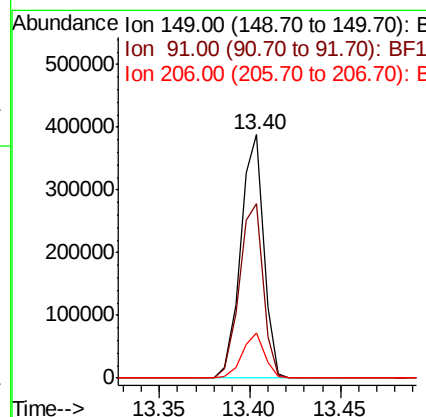
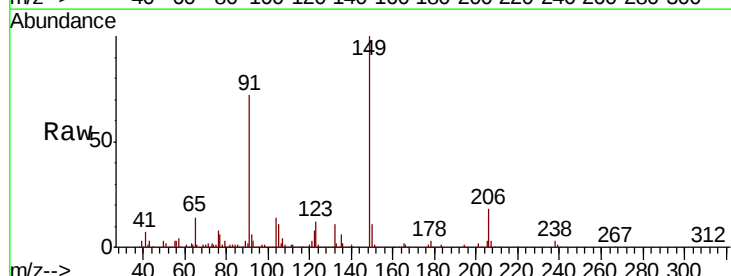
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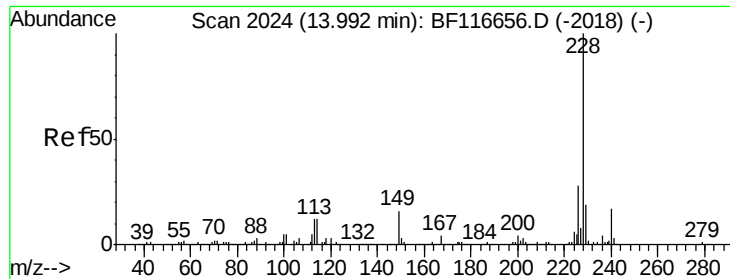
mohammad
 9/16/2019 8:56:53 AM



#80
 Butylbenzylphthalate
 Concen: 35.826 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	61.0	91.4
206	18.5	14.8	22.2





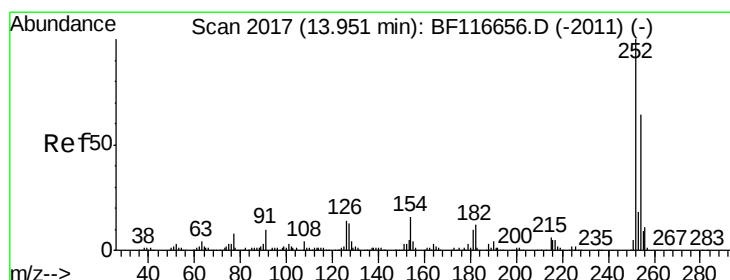
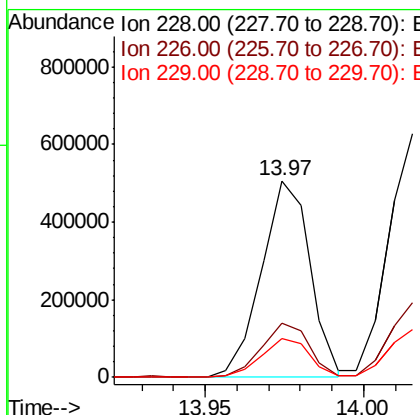
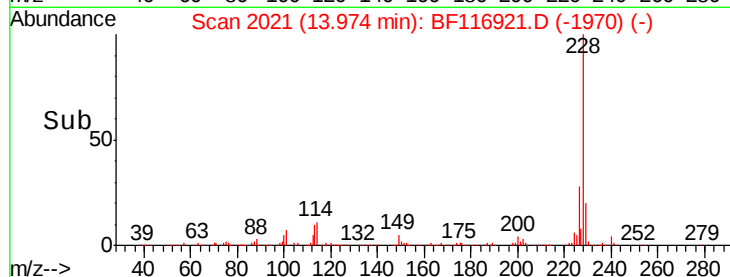
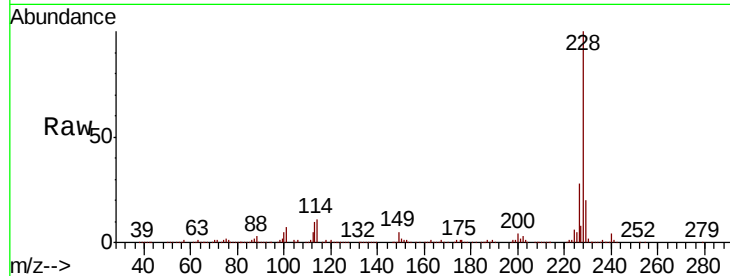
#81
Benzo(a)anthracene
Concen: 38.515 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.9	16.4	24.6

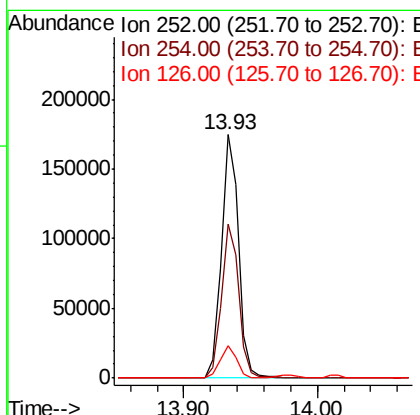
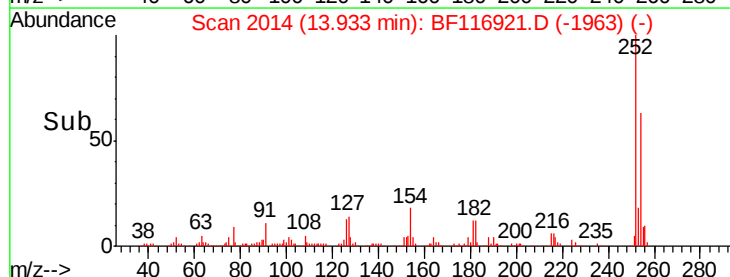
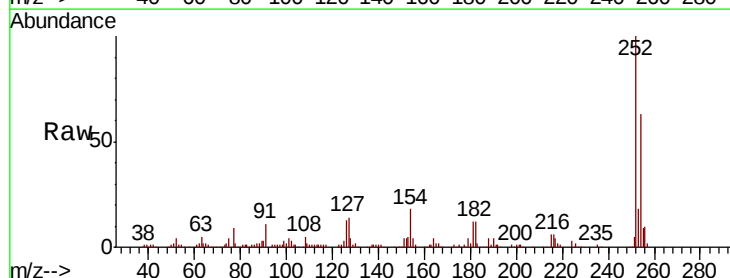
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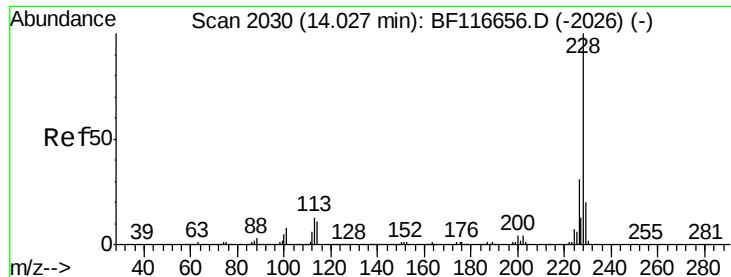
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.561 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.1	75.1
126	13.2	10.6	16.0





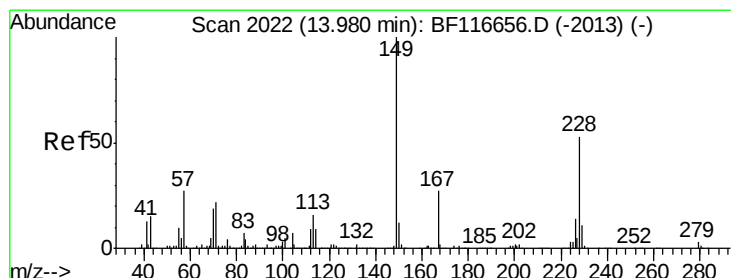
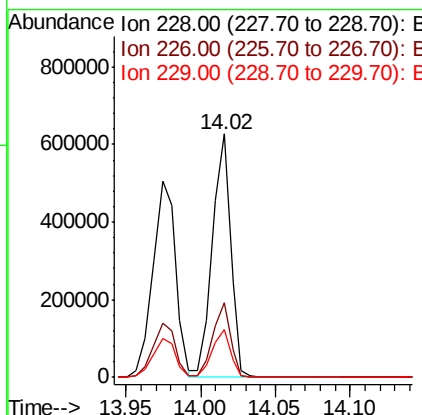
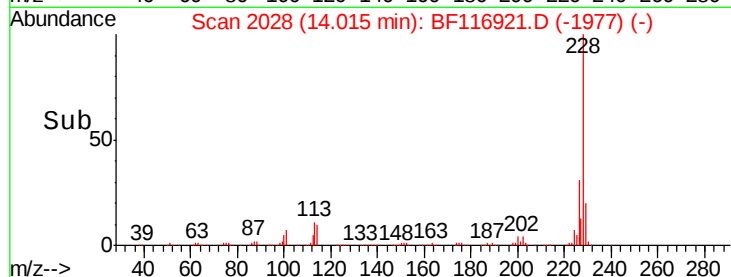
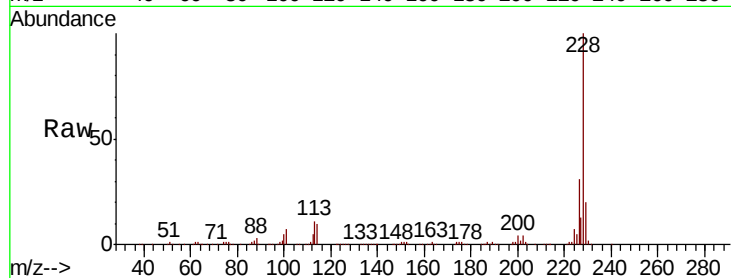
#83
 Chrvsene
 Concen: 37.089 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122853BS

Tot Ion:	228	Resp:	535536
Ion Ratio		Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.9	15.4	23.0

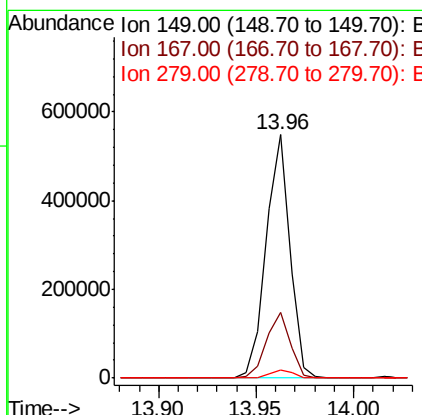
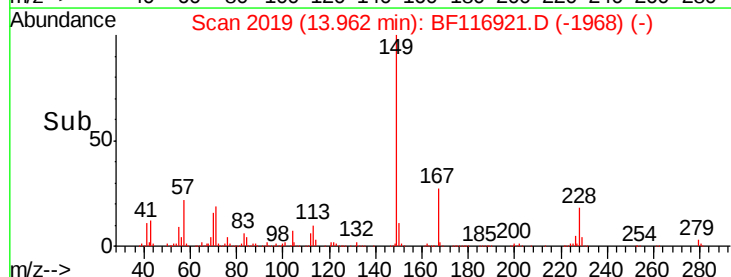
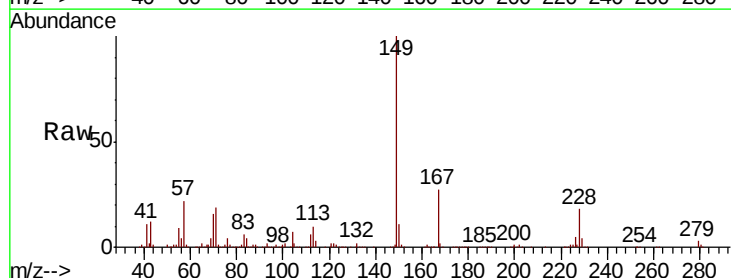
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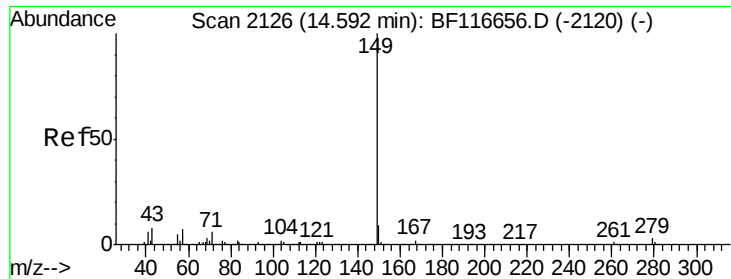
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.254 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116921.D
 Acq: 10 Sep 2019 15:13

Tgt Ion:	149	Resp:	463860
Ion Ratio		Lower	Upper
149	100		
167	27.2	21.0	31.4
279	3.4	2.8	4.2





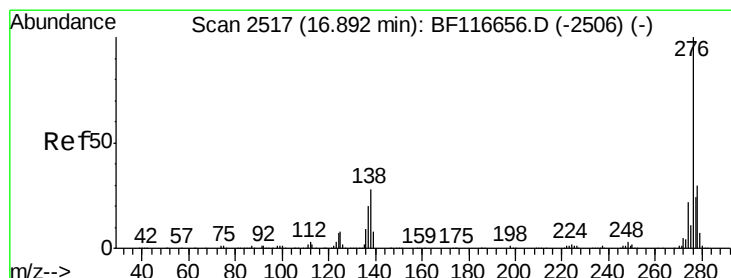
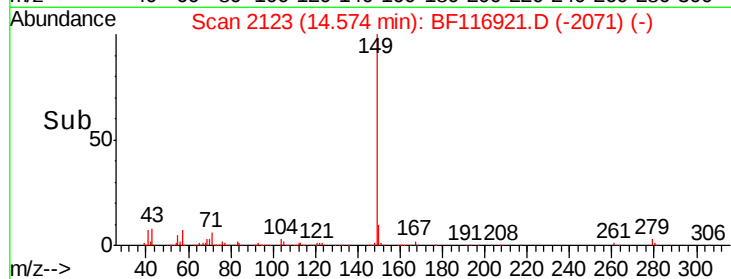
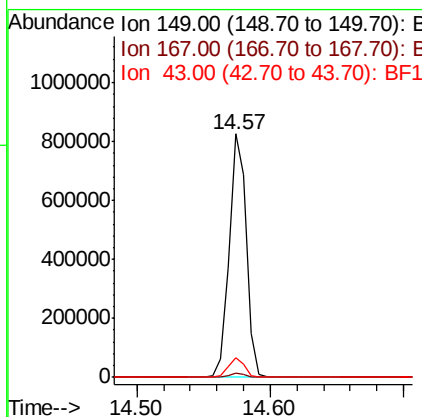
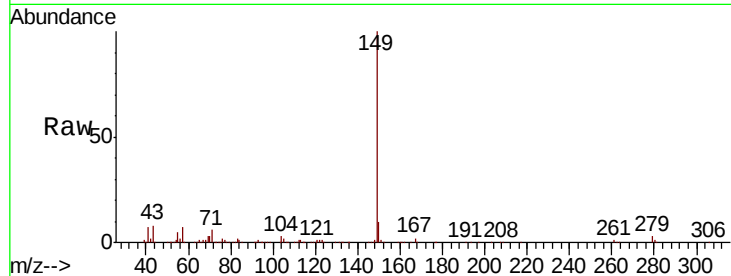
#85
Di-n-octyl phthalate
Concen: 38.821 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampled :
PB122853BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	750721		
167	1.5		1.3	1.9
43	7.6		7.8	11.8#

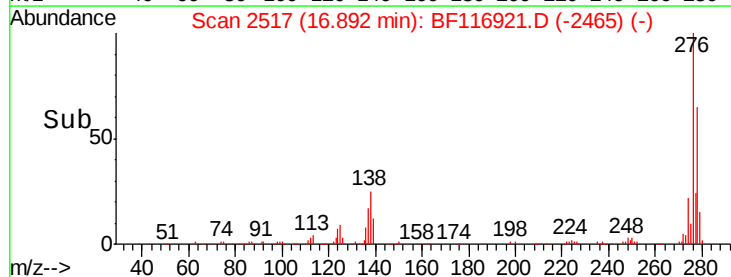
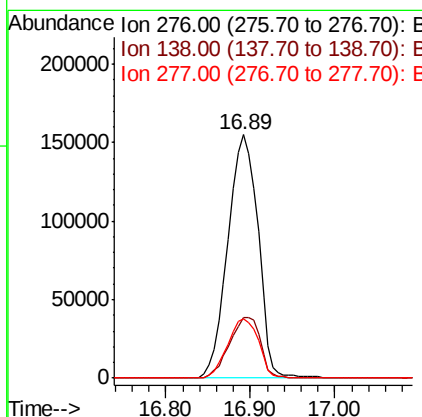
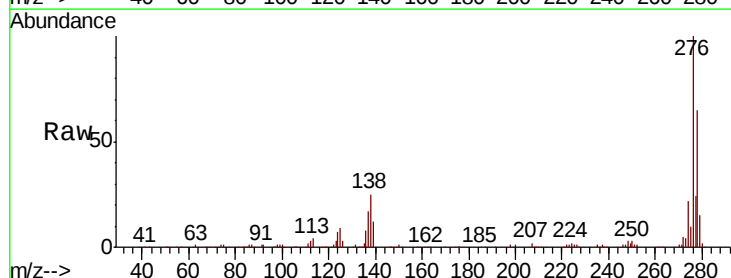
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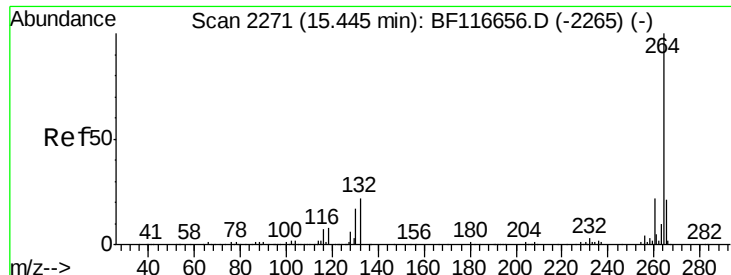
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.082 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	383688		
138	25.7		19.4	29.2
277	24.9		20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Instrument :

BNA_F

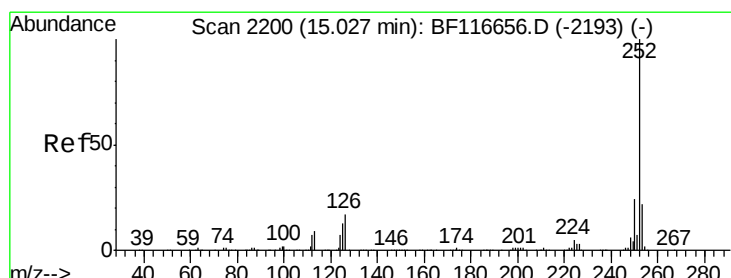
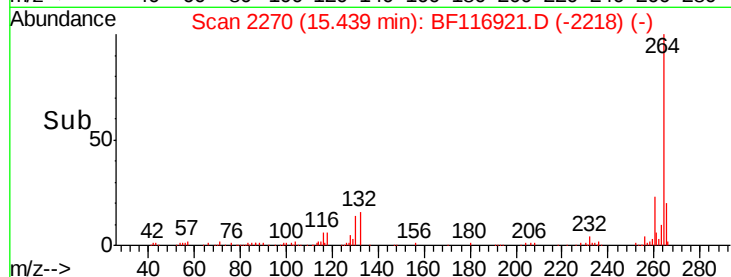
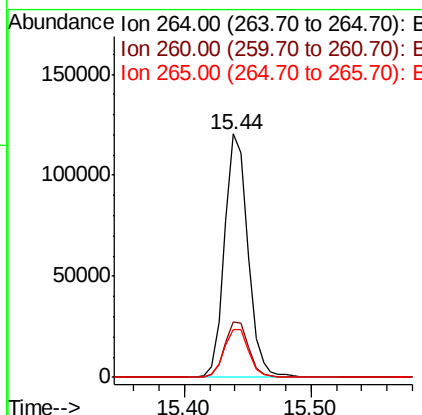
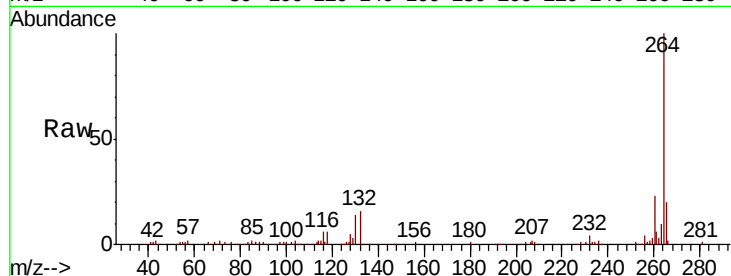
ClientSampleId :

PB122853BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	19.8	16.5	24.7

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#88

Benzo(b)fluoranthene

Concen: 50.745 ng

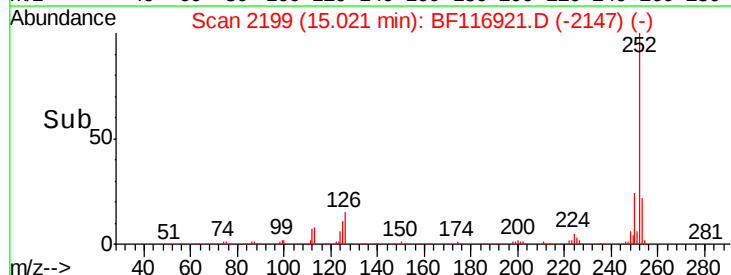
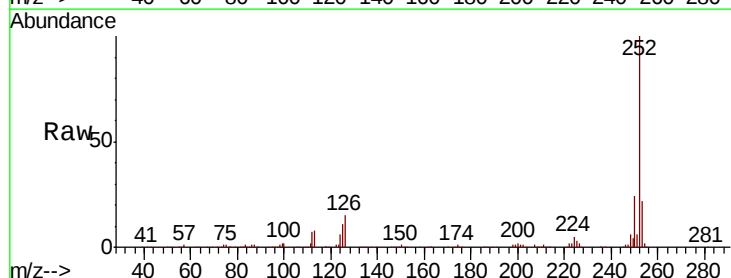
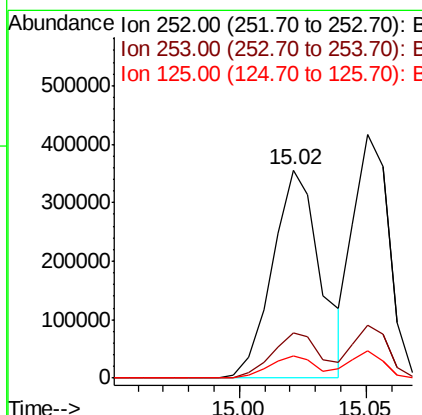
RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF116921.D

Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	10.9	8.2	12.2





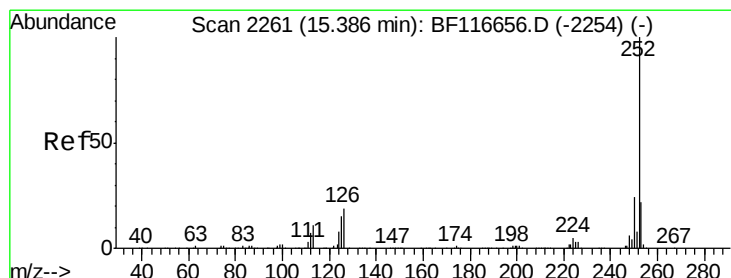
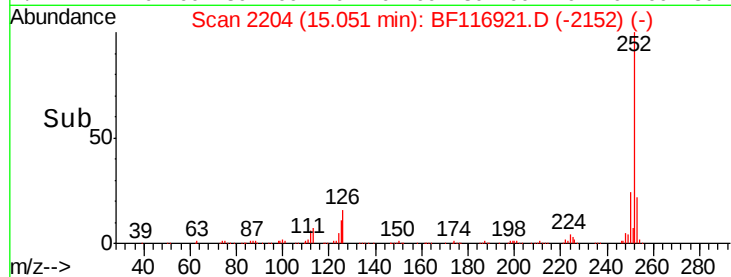
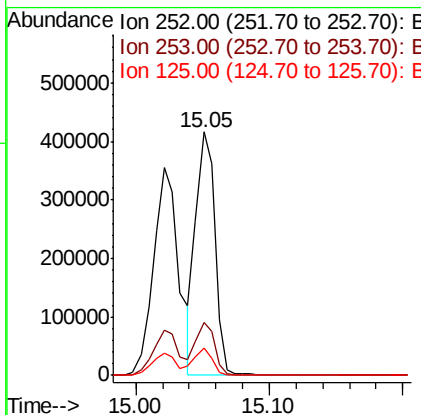
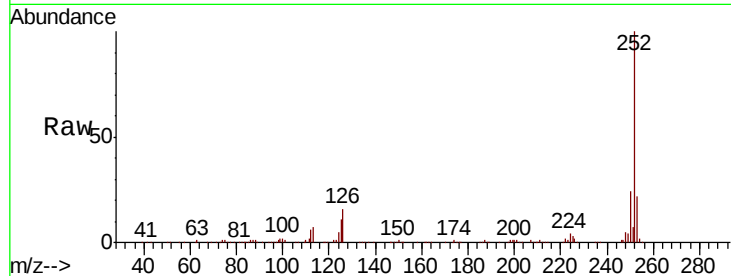
#89
Benzo(k)fluoranthene
Concen: 48.256 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampled :
PB122853BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.2	8.6	13.0

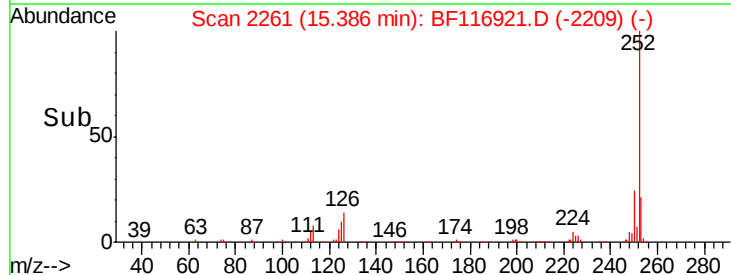
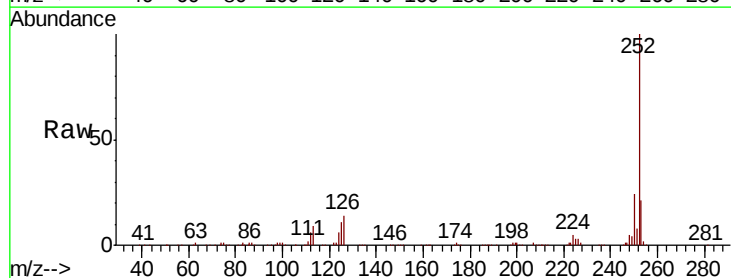
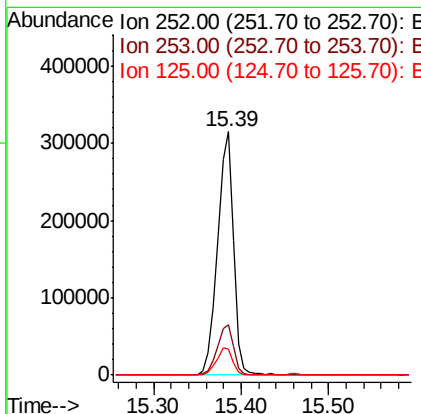
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#90
Benzo(a)pyrene
Concen: 49.729 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	10.7	9.8	14.8





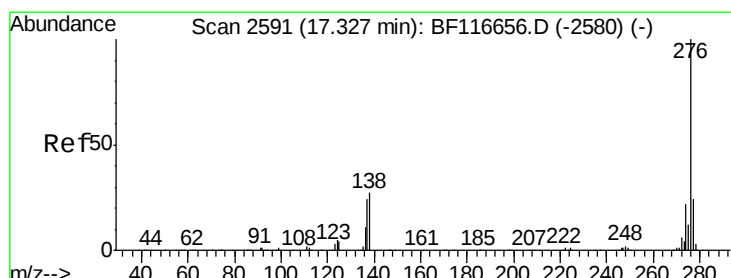
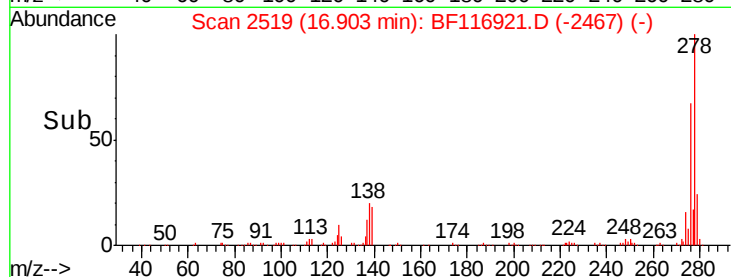
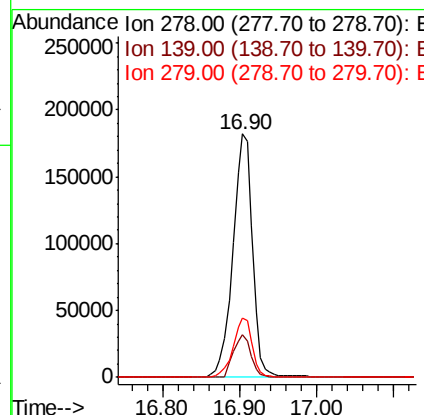
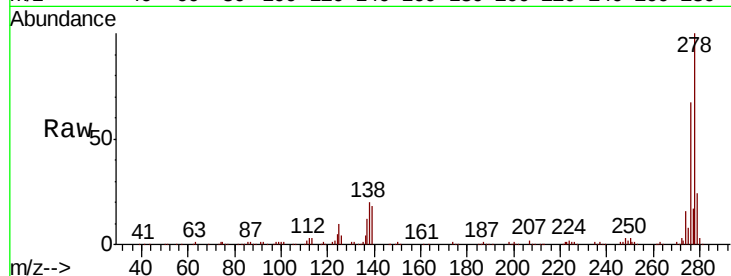
#91
Dibenzo(a,h)anthracene
Concen: 45.915 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Instrument :
BNA_F
ClientSampleId :
PB122853BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.4	18.6
279	24.2	18.2	27.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.283 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF116921.D
Acq: 10 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	20.5	16.2	24.2

