

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118589.D
 Acq On : 20 Jan 2020 14:05
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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 1/21/2020 2:25:58 PM

Quant Time: Jan 20 14:35:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	419442	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1585690	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	903500	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1672602	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1461017	20.00	ng	0.00
87) Perylene-d12	15.52	264	1422299	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	480413	20.35	ng	-0.01
7) Phenol-d6	6.49	99	610945	19.89	ng	-0.02
23) Nitrobenzene-d5	7.43	82	569658	19.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	204478	19.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1243090	23.81	ng	0.00
79) Terphenyl-d14	12.99	244	1584395	22.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	109878	9.589	ng	97
3) Pyridine	3.43	79	304247	9.451	ng	98
4) n-Nitrosodimethylamine	3.33	42	125453	9.062	ng	# 98
6) Aniline	6.53	93	382097	9.454	ng	99
8) 2-Chlorophenol	6.66	128	255885	9.637	ng	98
9) Benzaldehyde	6.43	77	201849	11.372	ng	93
10) Phenol	6.50	94	348637m	9.986	ng	
11) bis(2-Chloroethyl)ether	6.60	93	257840	9.961	ng	97
12) 1,3-Dichlorobenzene	6.82	146	313860	10.153	ng	96
13) 1,4-Dichlorobenzene	6.90	146	311959	10.008	ng	99
14) 1,2-Dichlorobenzene	7.05	146	300353	10.270	ng	98
15) Benzyl Alcohol	7.01	79	232813	9.592	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	361529	10.010	ng	97
17) 2-Methylphenol	7.12	107	207009	9.391	ng	99
18) Hexachloroethane	7.40	117	109158	9.717	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	200092	9.689	ng	95
20) 3+4-Methylphenols	7.27	107	274493	10.165	ng	97
22) Acetophenone	7.28	105	395623	10.115	ng	# 96
24) Nitrobenzene	7.45	77	286549	9.572	ng	97
25) Isophorone	7.69	82	508230	9.506	ng	97
26) 2-Nitrophenol	7.77	139	104487	8.314	ng	98
27) 2,4-Dimethylphenol	7.80	122	203673	9.227	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	338244	9.792	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	222236	9.067	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	273787	9.623	ng	99
31) Naphthalene	8.19	128	795441	10.657	ng	96
32) Benzoic acid	7.87	122	114448	7.028	ng	99
33) 4-Chloroaniline	8.23	127	326950	9.465	ng	99
34) Hexachlorobutadiene	8.31	225	166559	9.633	ng	98
35) Caprolactam	8.56	113	69107	8.681	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	221550	9.146	ng	99
37) 2-Methylnaphthalene	8.87	142	539732	10.267	ng	99
38) 1-Methylnaphthalene	8.97	142	507292	10.155	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	287500	9.752	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	126275	8.530	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	171210	8.808	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	181865	9.168	ng	98
46) 1,1'-Biphenyl	9.34	154	688678	10.576	ng	96
47) 2-Chloronaphthalene	9.36	162	552414	10.092	ng	95
48) 2-Nitroaniline	9.45	65	149004	9.075	ng	97
49) Acenaphthylene	9.78	152	797613	10.351	ng	95
50) Dimethylphthalate	9.63	163	627028	10.266	ng	97
51) 2,6-Dinitrotoluene	9.69	165	122083	9.115	ng	93
52) Acenaphthene	9.95	154	514350	9.988	ng	99
53) 3-Nitroaniline	9.86	138	139231	9.025	ng	99
54) 2,4-Dinitrophenol	9.96	184	33554	6.288	ng	# 1
55) Dibenzofuran	10.12	168	753177	10.546	ng	96
56) 4-Nitrophenol	10.00	139	100290	8.618	ng	94
57) 2,4-Dinitrotoluene	10.09	165	150032	8.946	ng	96
58) Fluorene	10.47	166	608672	10.865	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	157151	9.033	ng	99
60) Diethylphthalate	10.34	149	612104	10.370	ng	97
61) 4-Chlorophenyl-phenylether	10.46	204	317915	10.466	ng	97
62) 4-Nitroaniline	10.46	138	141351	8.904	ng	98
63) Azobenzene	10.62	77	597858	10.384	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	50285	6.749	ng	97
66) n-Nitrosodiphenylamine	10.57	169	514994	9.783	ng	97
67) 4-Bromophenyl-phenylether	10.95	248	198396	9.260	ng	97
68) Hexachlorobenzene	11.02	284	230094	9.453	ng	# 89
69) Atrazine	11.10	200	166167	9.163	ng	97
70) Pentachlorophenol	11.20	266	105187	7.818	ng	98
71) Phenanthrene	11.43	178	910740	10.807	ng	93
72) Anthracene	11.48	178	894173	10.712	ng	93
73) Carbazole	11.63	167	791948	10.350	ng	95
74) Di-n-butylphthalate	11.97	149	940858	11.168	ng	96
75) Fluoranthene	12.62	202	960715	10.850	ng	94
77) Benzidine	12.73	184	326076	8.095	ng	95
78) Pyrene	12.84	202	995249	9.593	ng	93
80) Butylbenzylphthalate	13.46	149	354630	8.497	ng	94
81) Benzo(a)anthracene	14.03	228	942717	10.310	ng	95
82) 3,3'-Dichlorobenzidine	13.99	252	285768	8.694	ng	99
83) Chrysene	14.07	228	897355	10.247	ng	94
84) Bis(2-ethylhexyl)phthalate	14.03	149	523324	10.365	ng	# 96
85) Di-n-octyl phthalate	14.64	149	760703	10.294	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	715370	9.652	ng	99
88) Benzo(b)fluoranthene	15.08	252	824719	8.789	ng	97
89) Benzo(k)fluoranthene	15.11	252	840622	9.781	ng	96
90) Benzo(a)pyrene	15.44	252	727150	9.062	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	598862	8.592	ng	100
92) Benzo(g,h,i)perylene	17.42	276	552163	8.158	ng	99

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

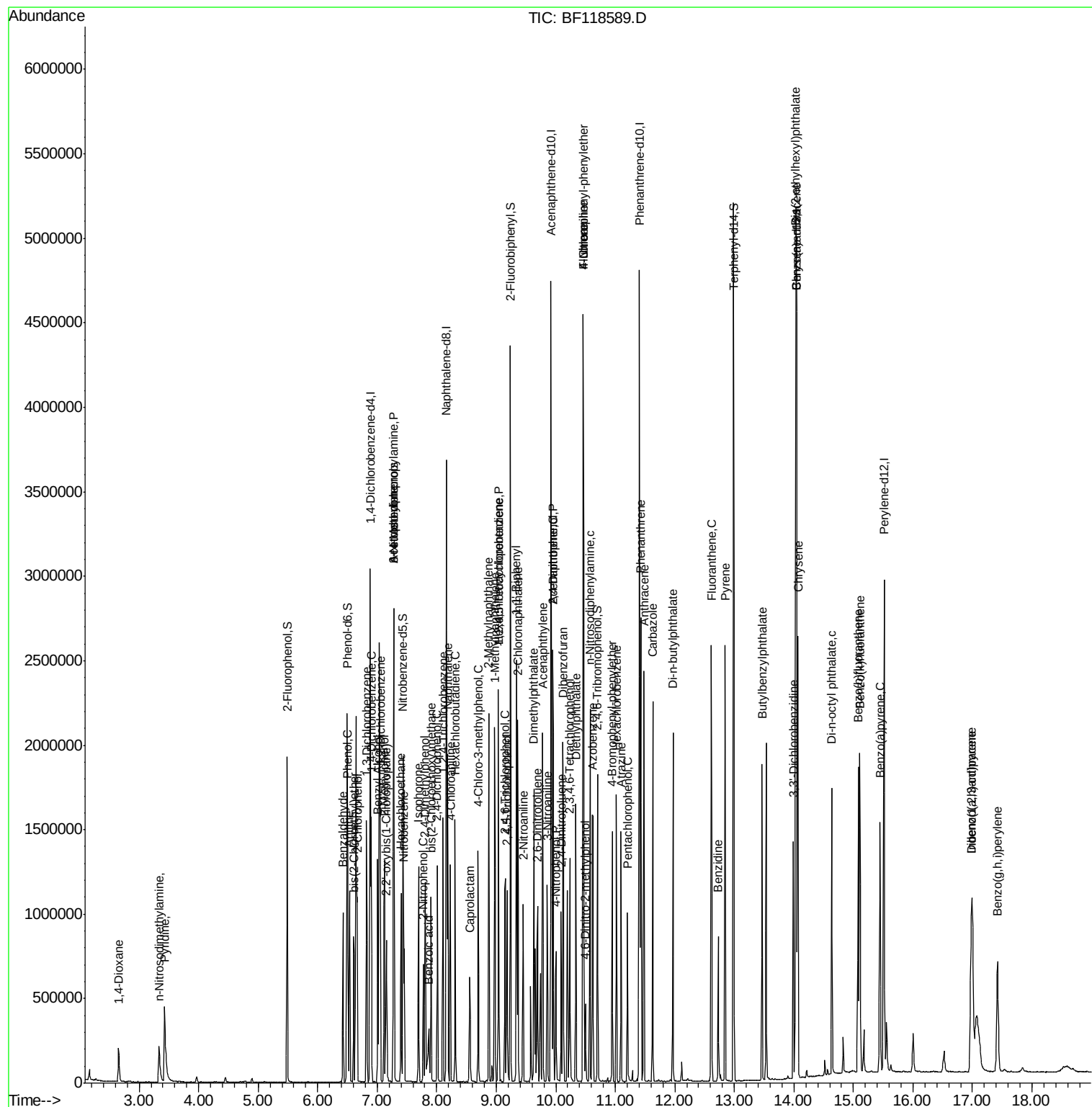
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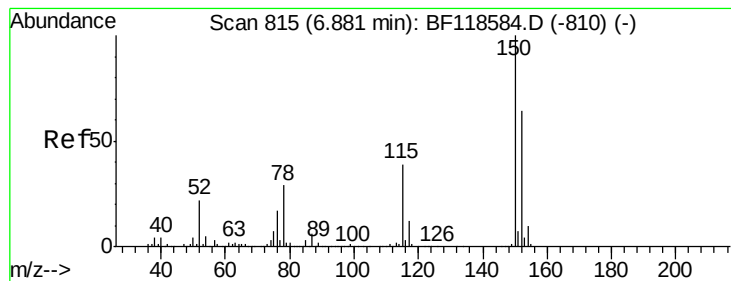
Instrument :
BNA_F
Client Sampled :
SSTDICC010

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#1

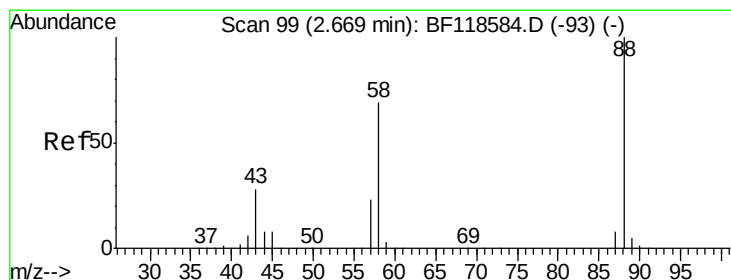
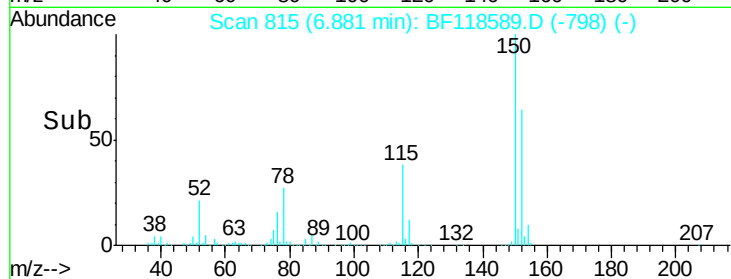
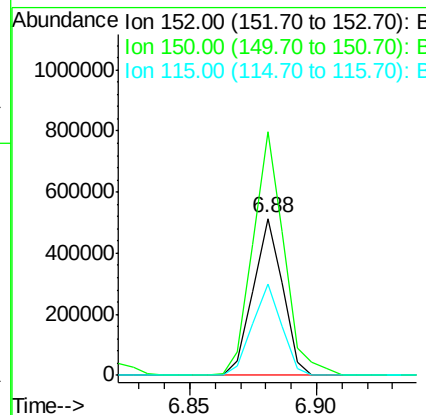
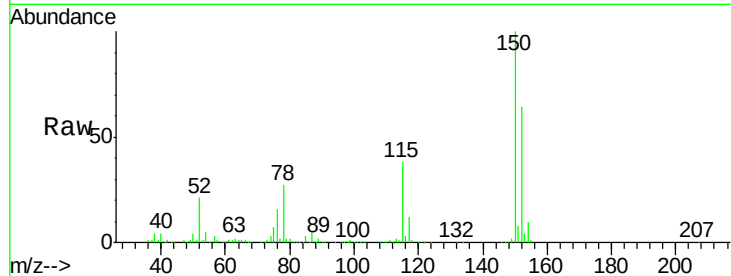
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.6	188.4
115	58.5	48.4	72.6

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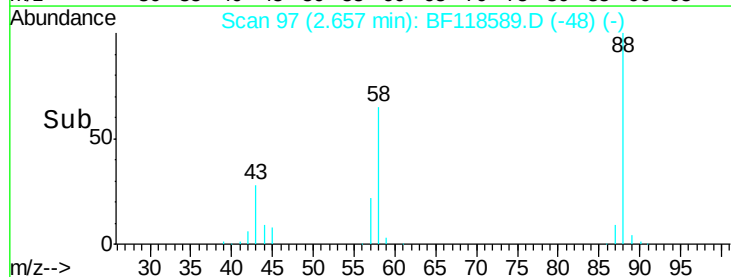
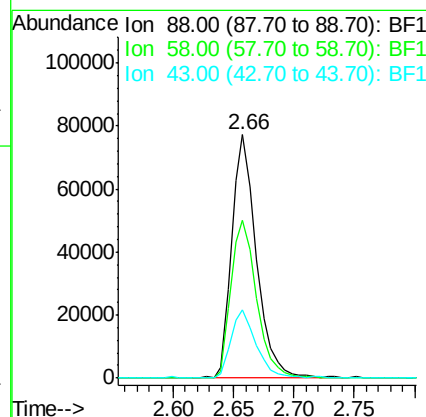
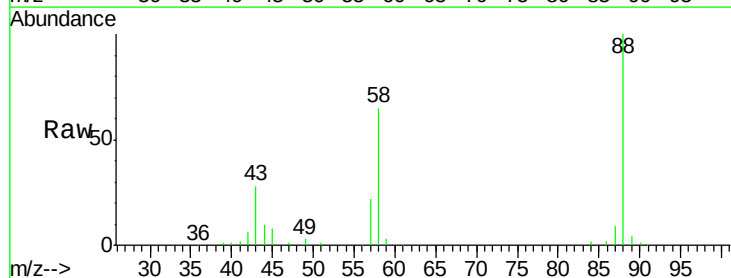
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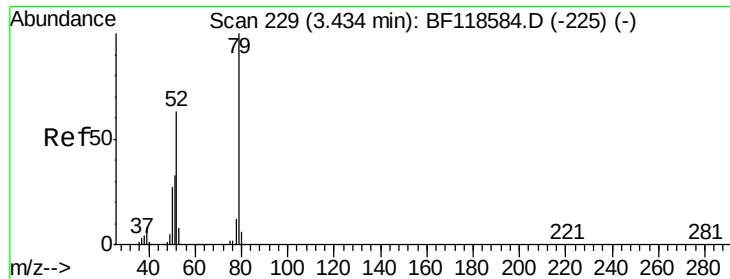


#2

1,4-Dioxane
Concen: 9.589 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	56.1	84.1
43	28.5	23.0	34.6





#3

Pvridine

Concen: 9.451 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

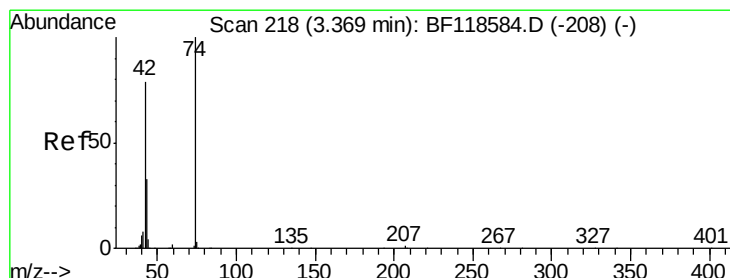
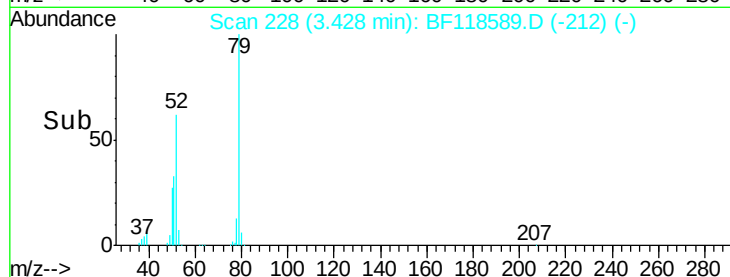
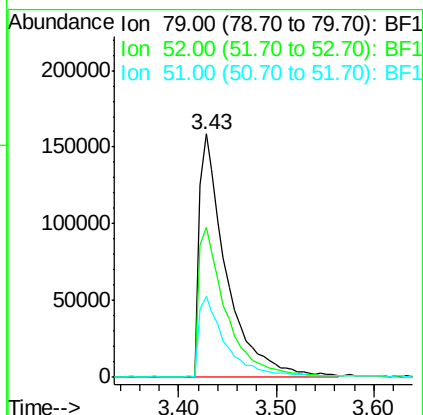
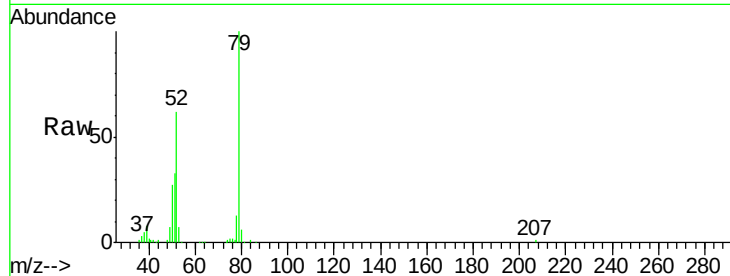
ClientSampleId :

SSTDICC010

Tot Ion:	79	Resp:	304247
Ion Ratio	Lower	Upper	
79	100		
52	61.6	50.7	76.1
51	33.5	26.6	40.0

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#4

n-Nitrosodimethylamine

Concen: 9.062 ng

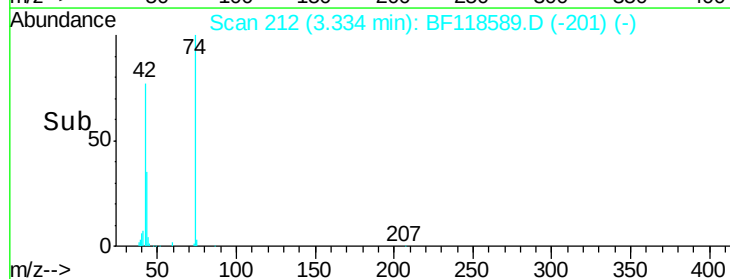
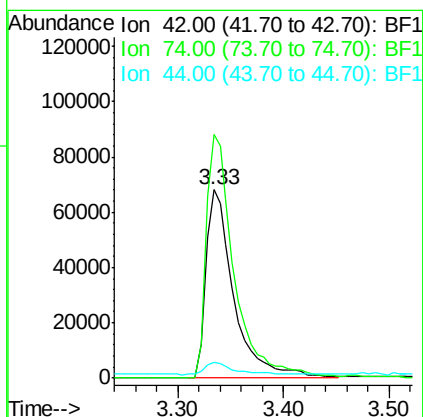
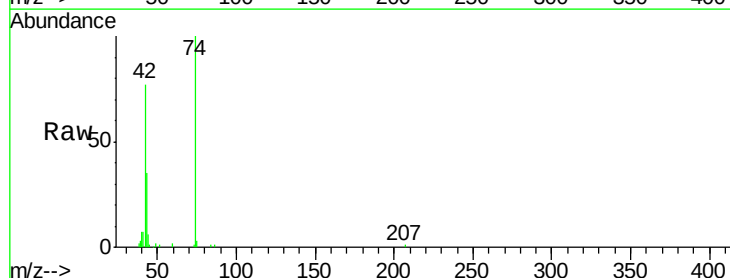
RT: 3.33 min Scan# 212

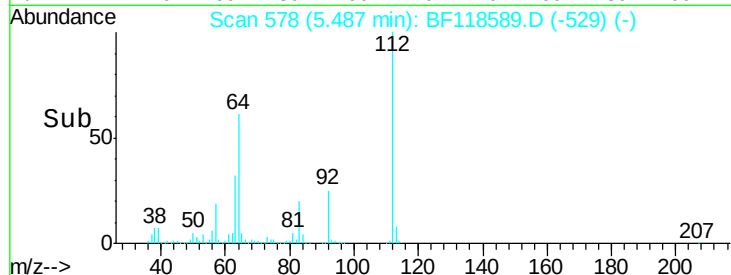
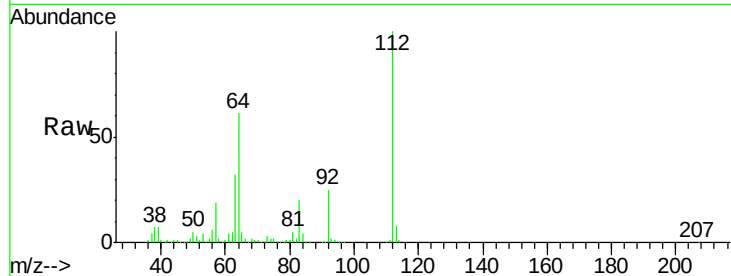
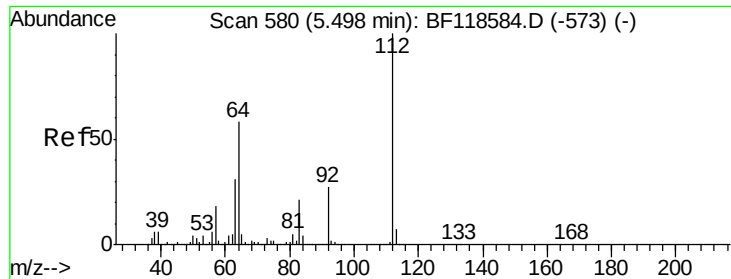
Delta R.T. -0.04 min

Lab File: BF118589.D

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Tgt Ion:	42	Resp:	125453
Ion Ratio	Lower	Upper	
42	100		
74	129.3	101.6	152.4
44	8.1	4.9	7.3#





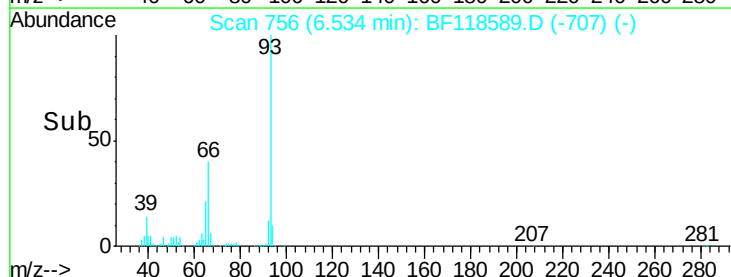
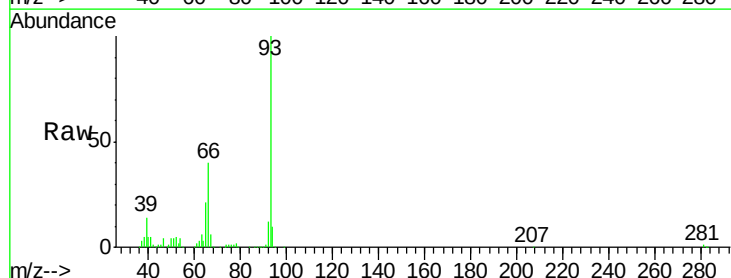
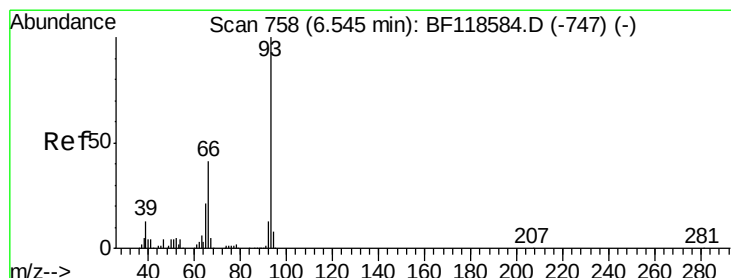
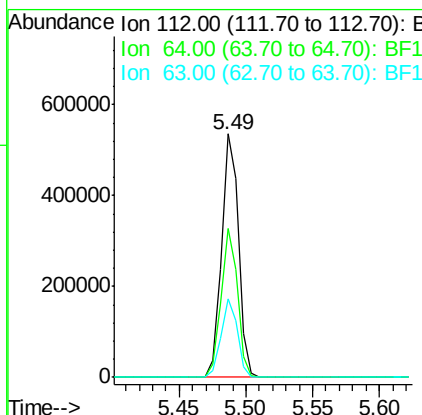
#5
2-Fluorophenol
Concen: 20.349 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tot Ion	Ratio	Resp	Lower	Upper
112	100	480413		
64	61.2	46.6	70.0	
63	32.4	25.1	37.7	

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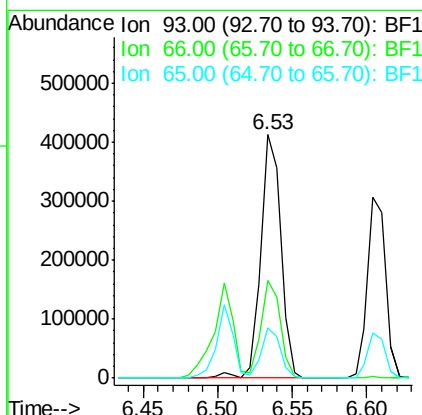
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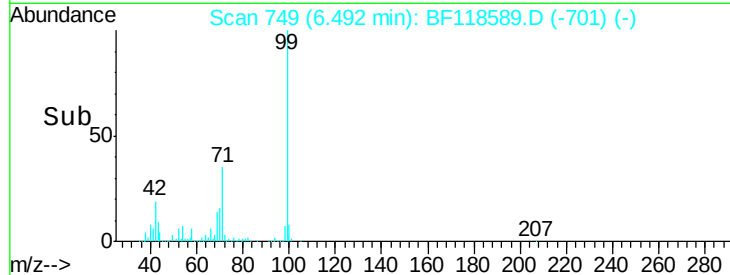
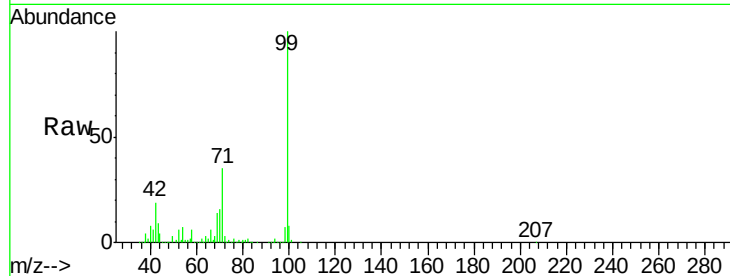
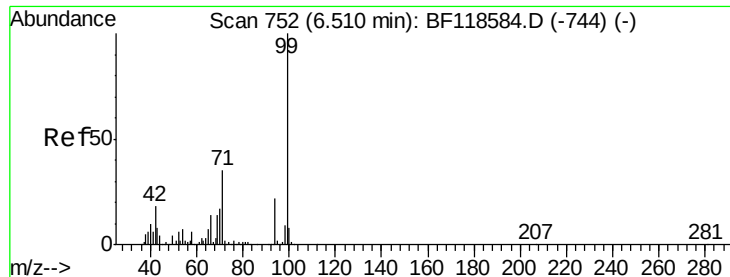
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#6
Aniline
Concen: 9.454 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	382097		
66	40.1	32.8	49.2	
65	20.6	16.5	24.7	





#7

Phenol-d6

Concen: 19.891 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tot Ion:	99	Resp:	610945
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.2	21.2
71	35.2	27.8	41.6

Instrument :

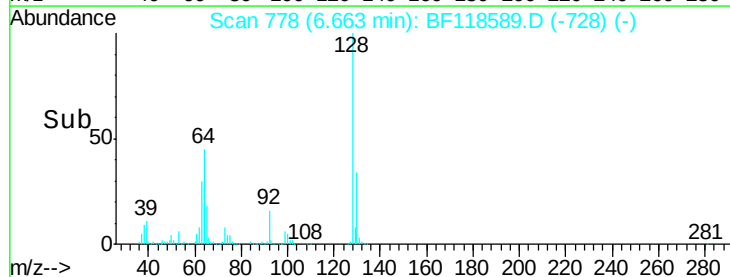
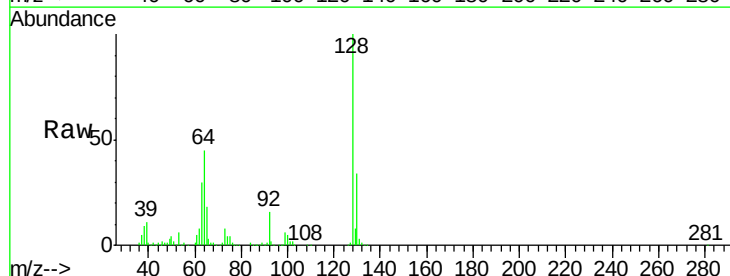
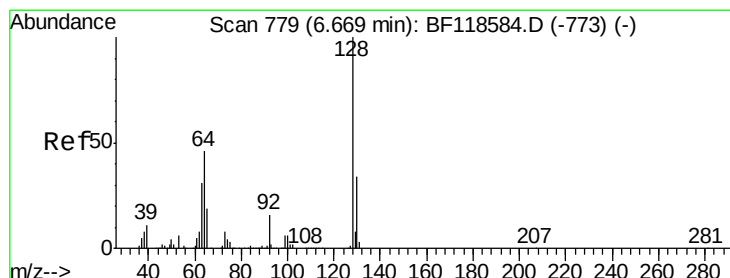
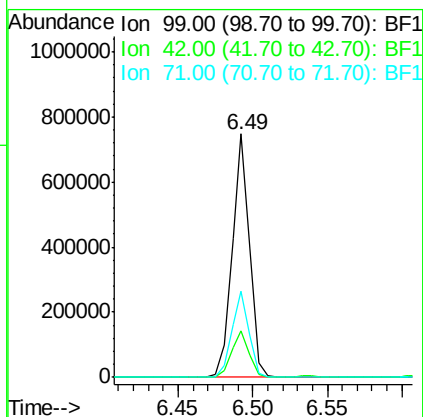
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 9.637 ng

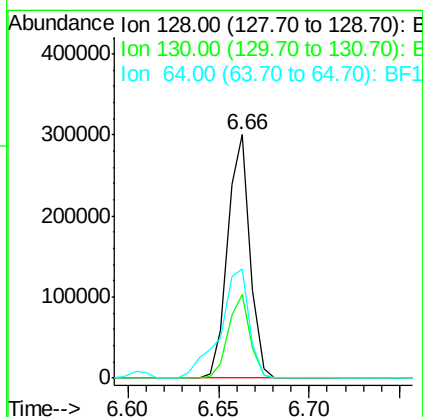
RT: 6.66 min Scan# 778

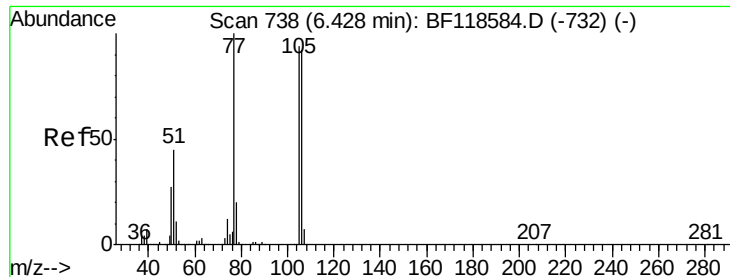
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	128	Resp:	255885
Ion Ratio	Lower	Upper	
128	100		
130	34.3	13.6	53.6
64	44.7	26.4	66.4





#9

Benzaldehyde

Concen: 11.372 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

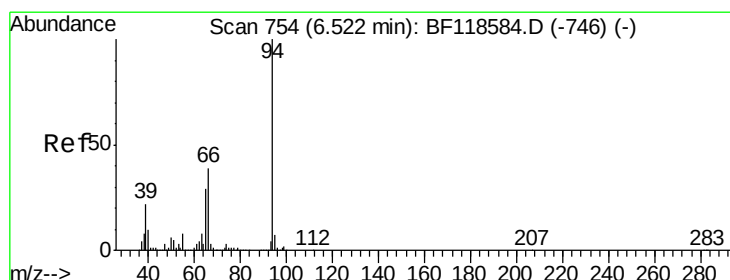
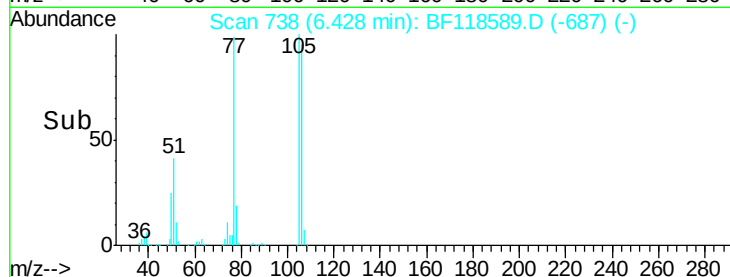
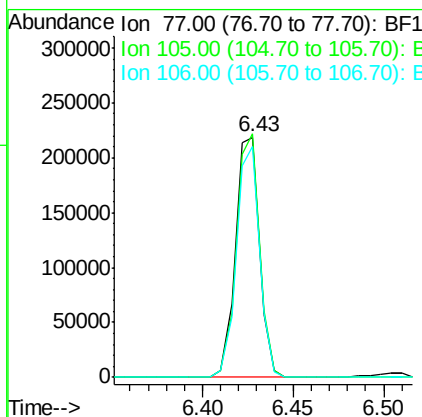
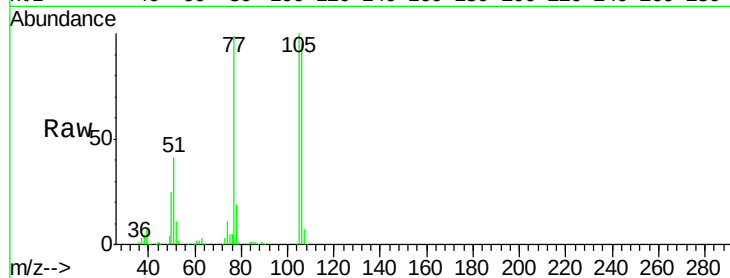
ClientSampleId :

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Tot Ion:	77	Resp:	201849
Ion	Ratio	Lower	Upper
77	100		
105	101.5	73.5	113.5
106	96.5	71.9	111.9

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#10

Phenol

Concen: 9.986 ng m

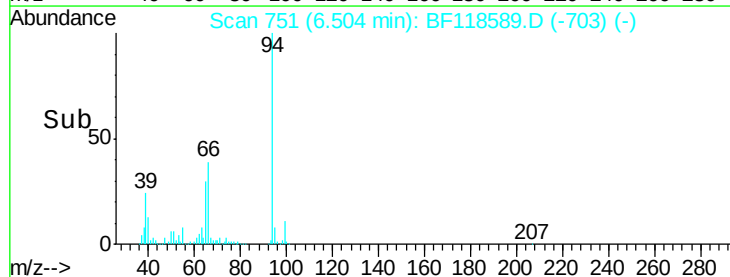
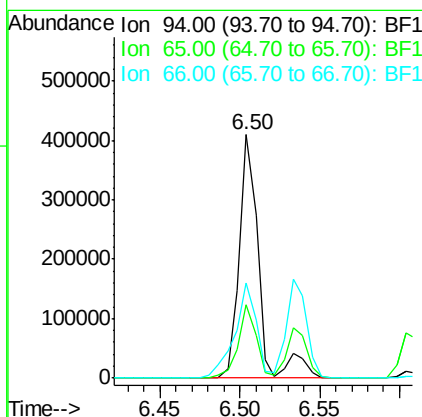
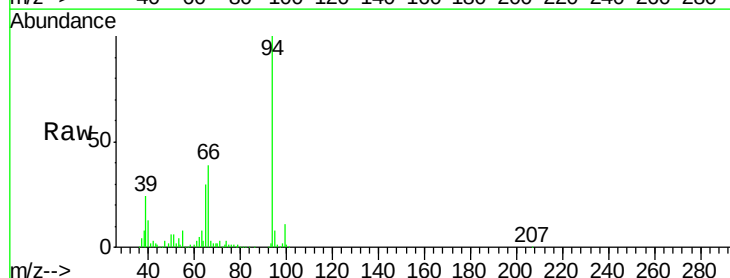
RT: 6.50 min Scan# 751

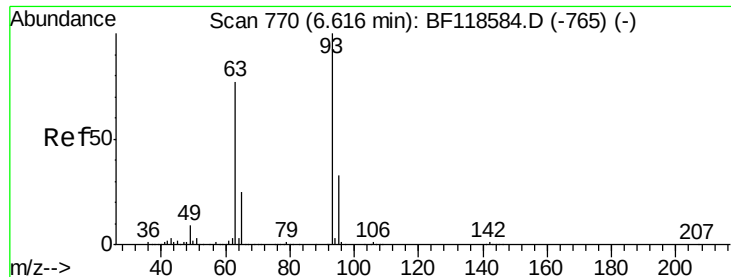
Delta R.T. -0.02 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	94	Resp:	348637
Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.5	49.5
66	39.2	18.5	58.5





#11

bis(2-Chloroethyl)ether

Concen: 9.961 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

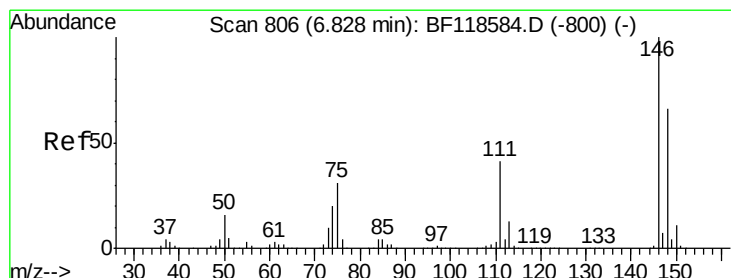
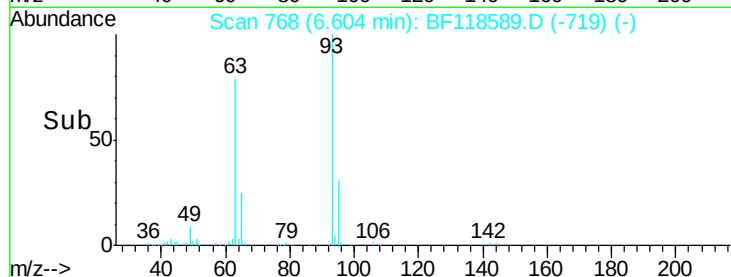
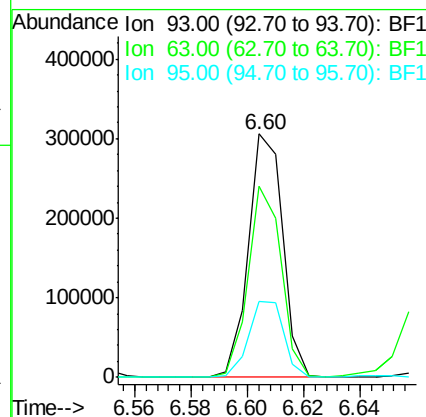
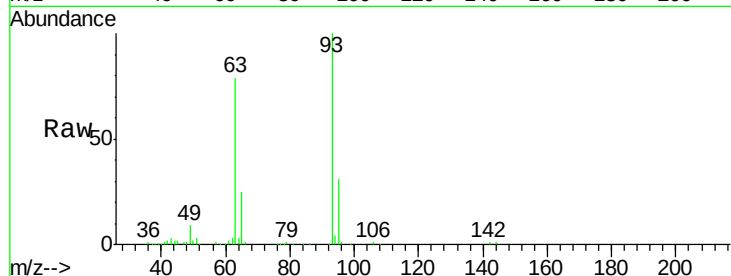
ClientSampleId :

SSTDIC010

Tot Ion:	93	Resp:	257840
Ion Ratio	Lower	Upper	
93	100		
63	78.5	56.3	96.3
95	31.5	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 10.153 ng

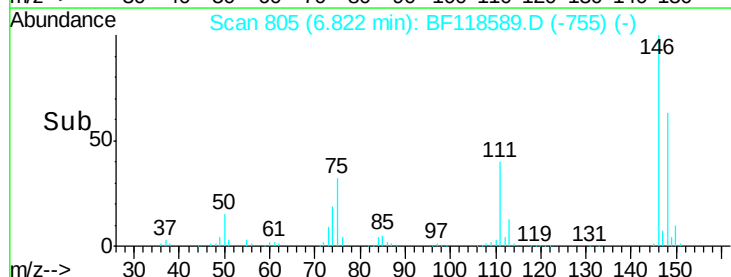
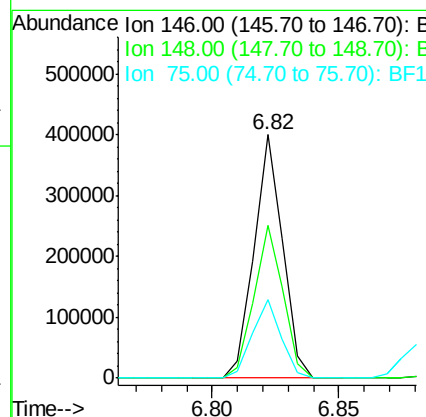
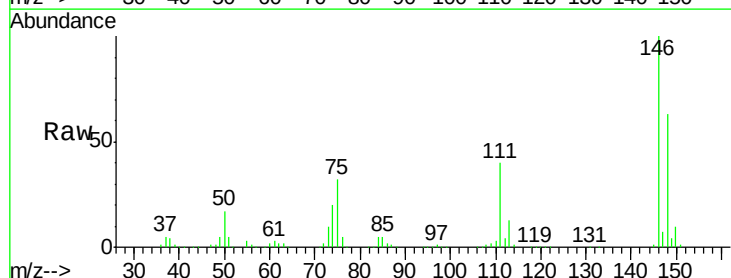
RT: 6.82 min Scan# 805

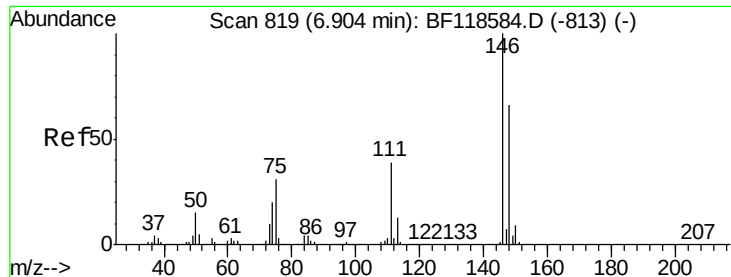
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	146	Resp:	313860
Ion Ratio	Lower	Upper	
146	100		
148	62.7	53.0	79.6
75	32.4	25.1	37.7





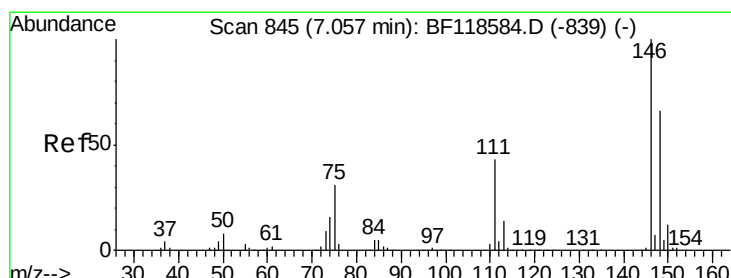
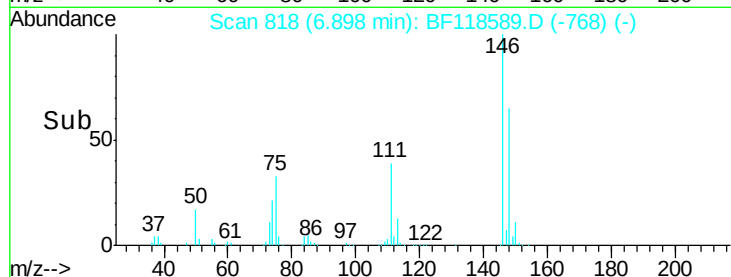
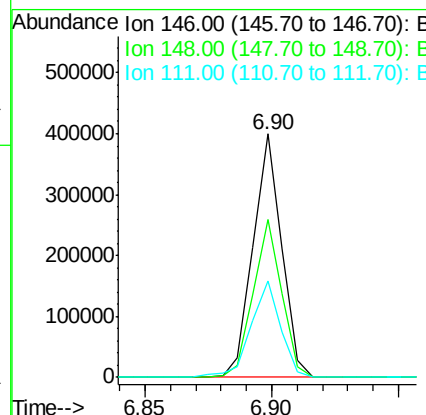
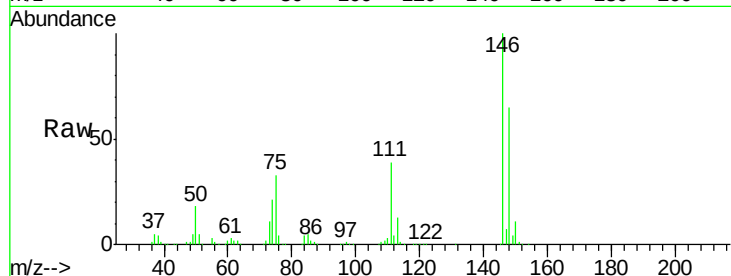
#13
 1,4-Dichlorobenzene
 Concen: 10.008 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.4	78.6
111	39.4	31.6	47.4

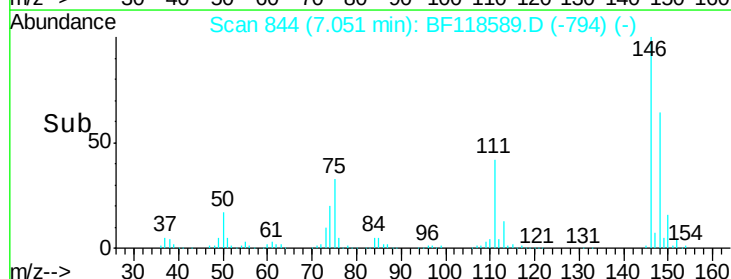
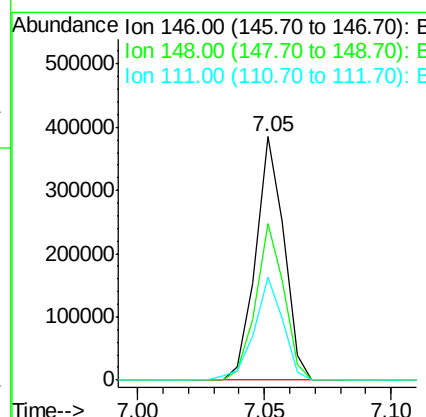
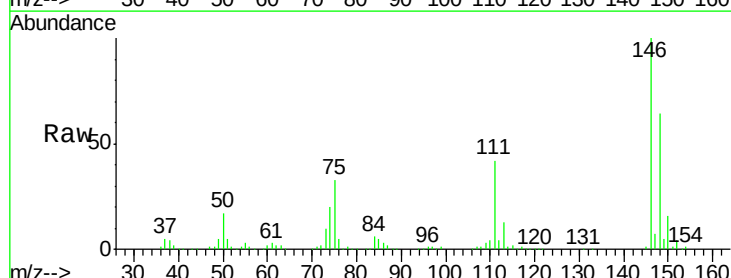
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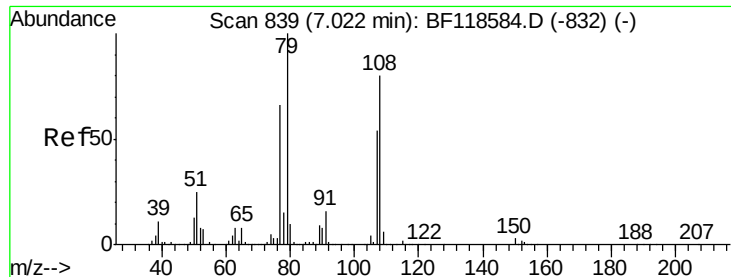
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#14
 1,2-Dichlorobenzene
 Concen: 10.270 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.7	79.1
111	42.1	34.6	52.0





#15

Benzyl Alcohol

Concen: 9.592 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

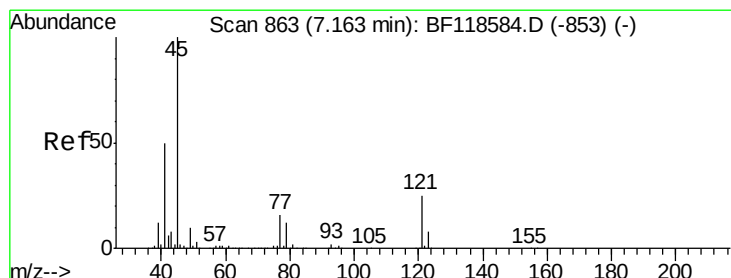
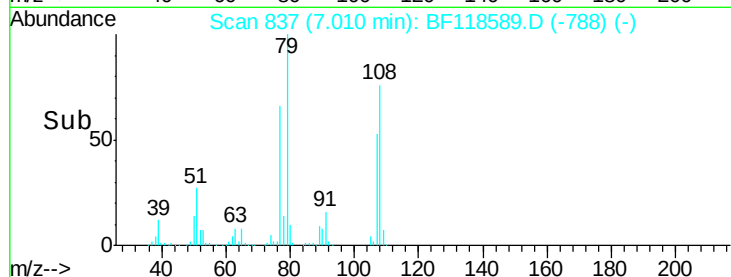
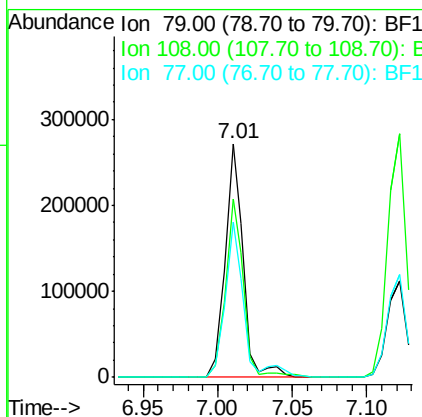
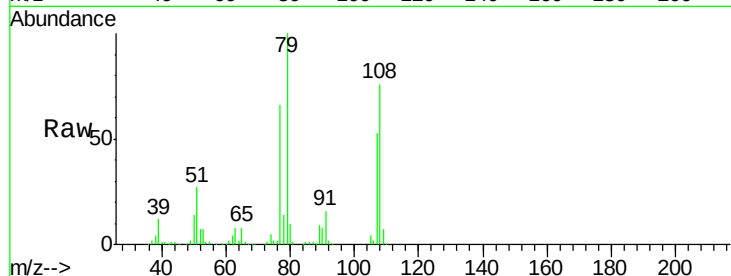
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	232813
Ion Ratio	Lower	Upper	
79	100		
108	76.5	63.6	95.4
77	66.4	52.5	78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 10.010 ng

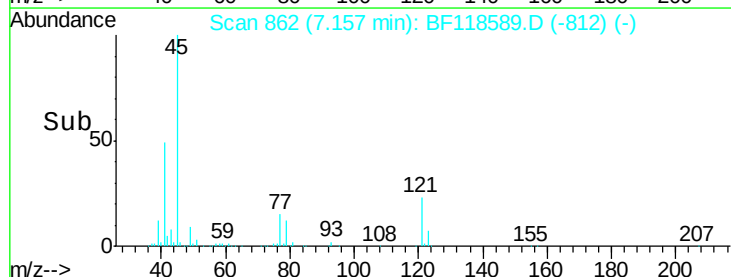
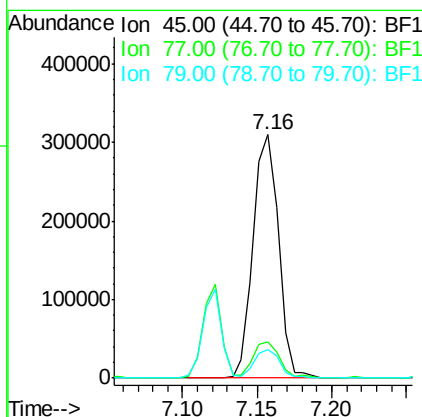
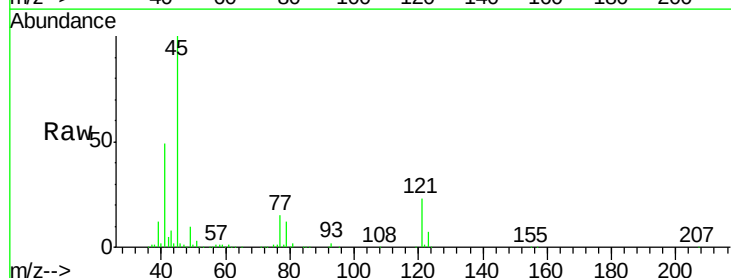
RT: 7.16 min Scan# 862

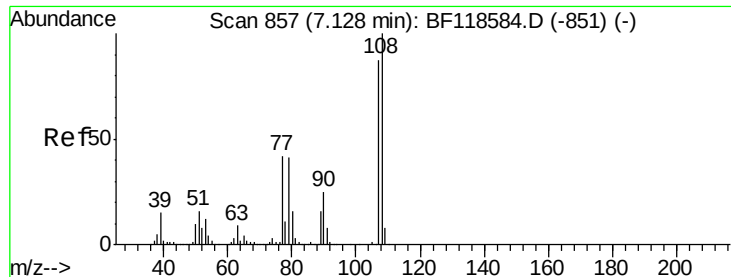
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	45	Resp:	361529
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	36.1
79	11.5	0.0	32.4





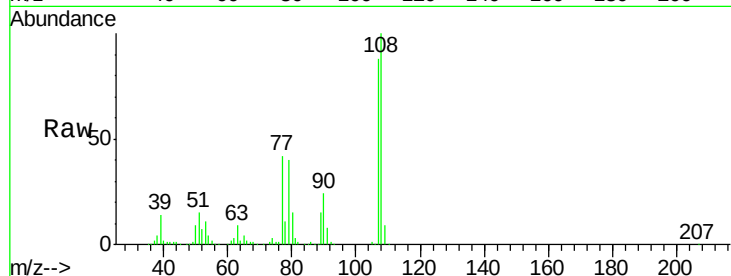
#17
2-Methylphenol
Concen: 9.391 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

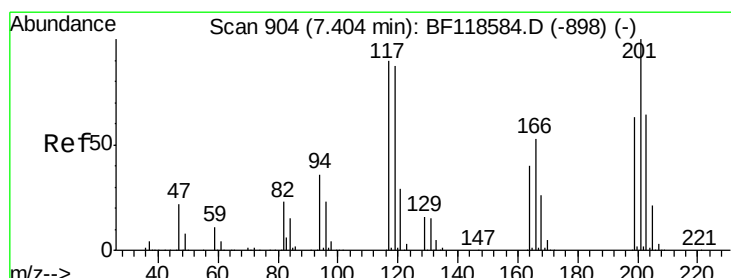
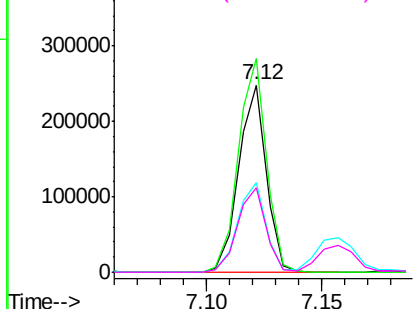
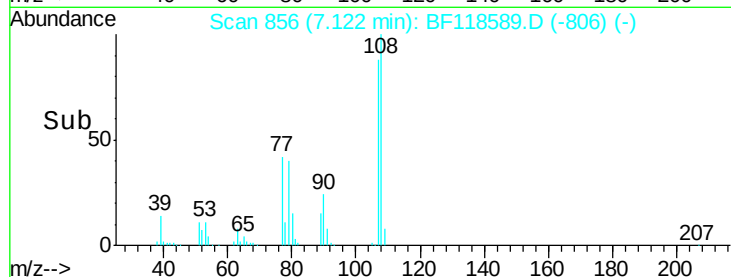
Tot Ion	107	Resp	207009
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.5	137.3
77	47.9	38.7	58.1
79	45.4	37.7	56.5

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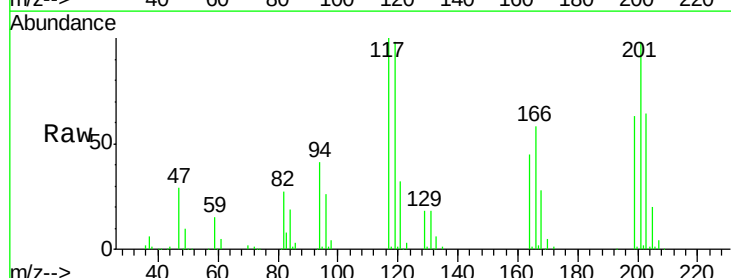


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

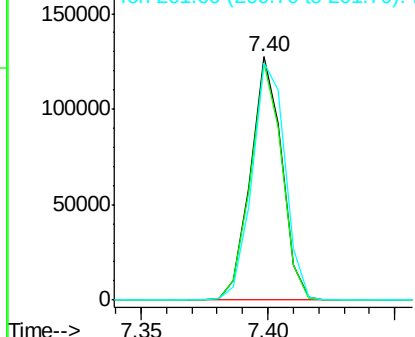
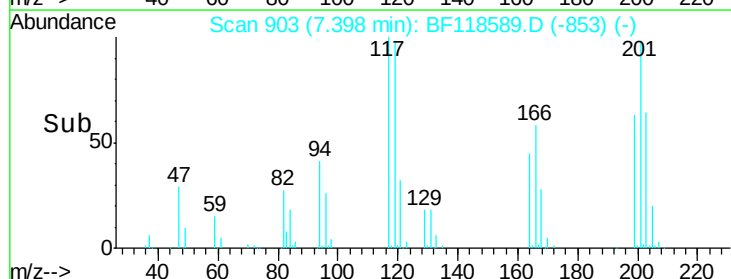


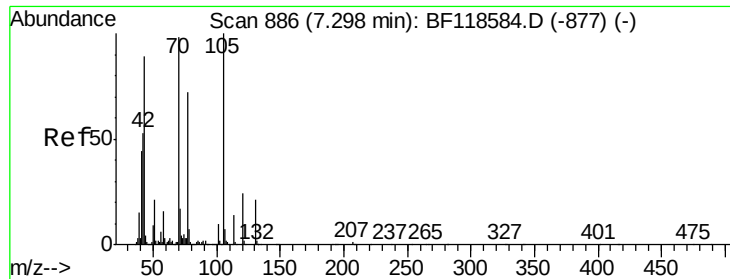
#18
Hexachloroethane
Concen: 9.717 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	117	Resp	109158
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.6	116.4
201	97.7	88.8	133.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





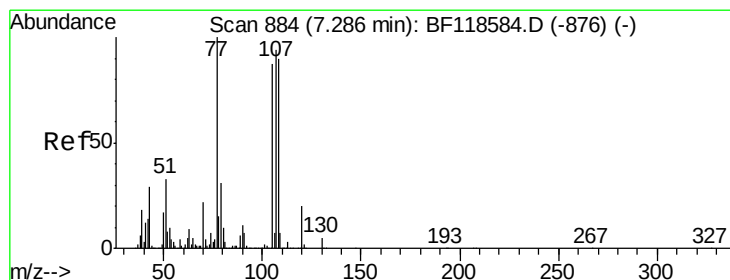
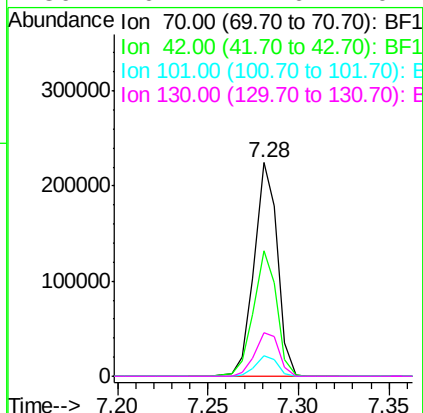
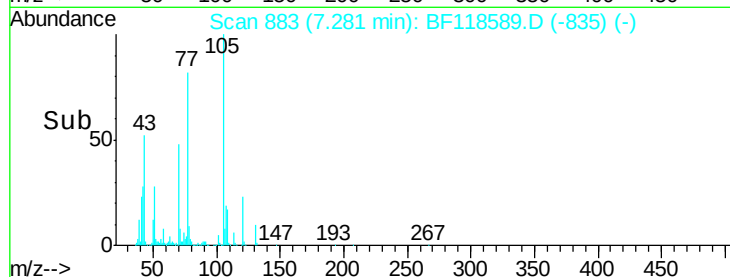
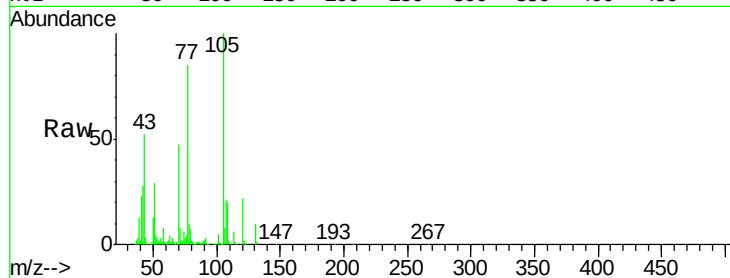
#19
n-Nitroso-di-n-propylamine
Concen: 9.689 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	43.4	65.0
101	9.7	8.1	12.1
130	20.4	17.6	26.4

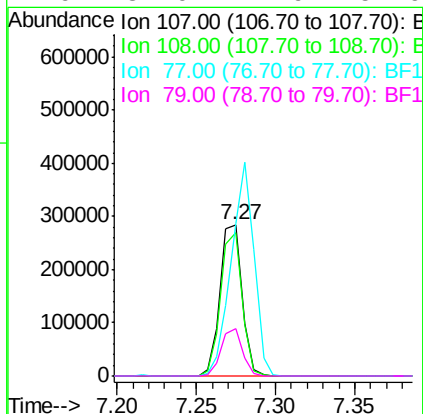
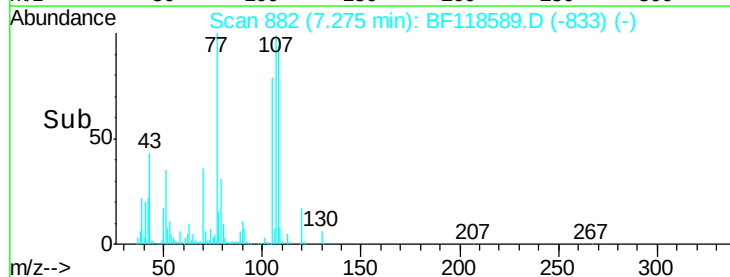
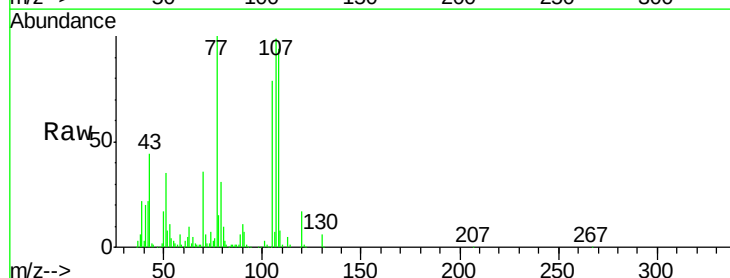
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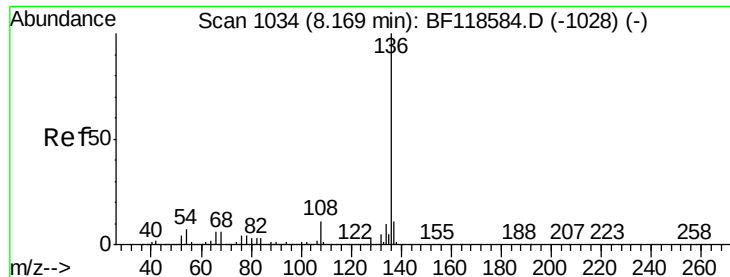
mohammad
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#20
3+4-Methylphenols
Concen: 10.165 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	75.8	115.8
77	101.1	86.5	126.5
79	31.0	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:136 Resp: 1585690

Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

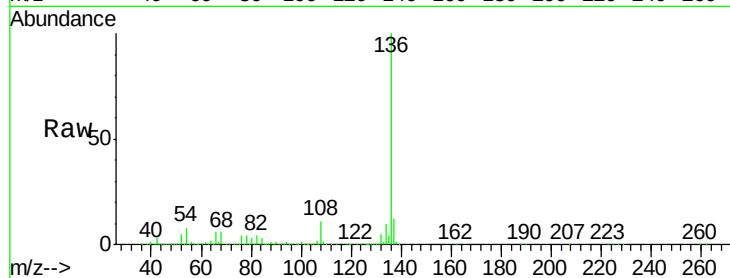
54 7.9 5.8 8.6

68 6.4 5.0 7.4

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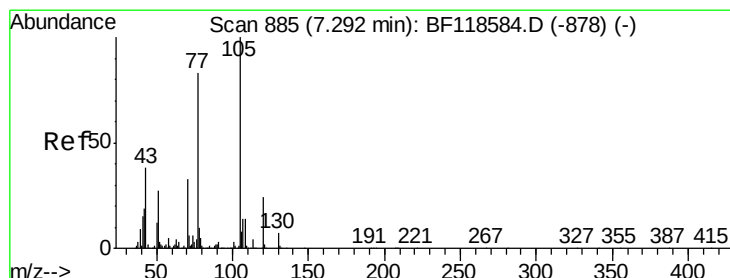
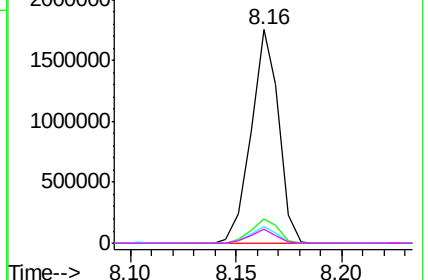
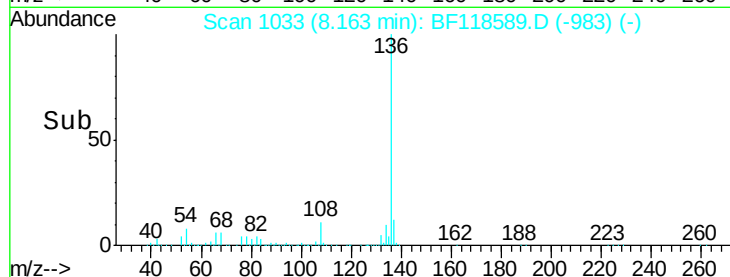


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 10.115 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:105 Resp: 395623

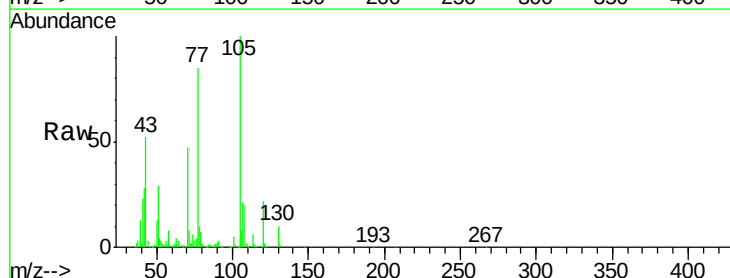
Ion Ratio Lower Upper

105 100

71 8.1 4.5 6.7#

51 29.0 21.5 32.3

120 22.4 19.0 28.6

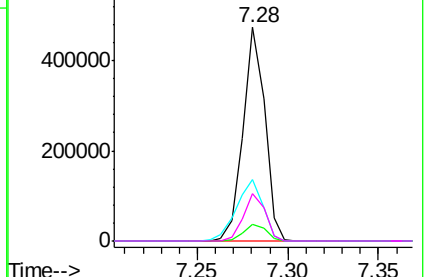
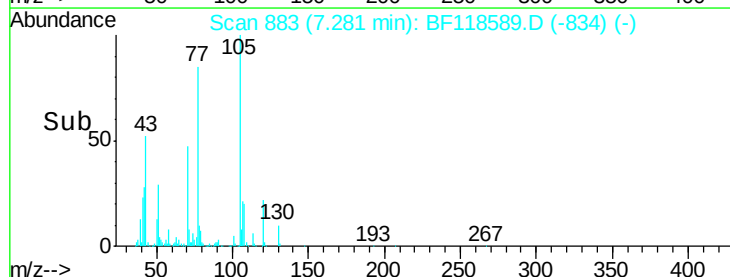


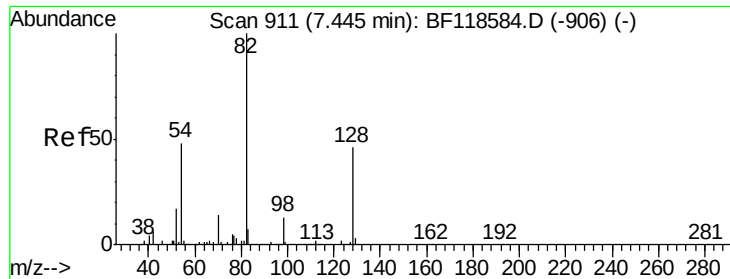
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





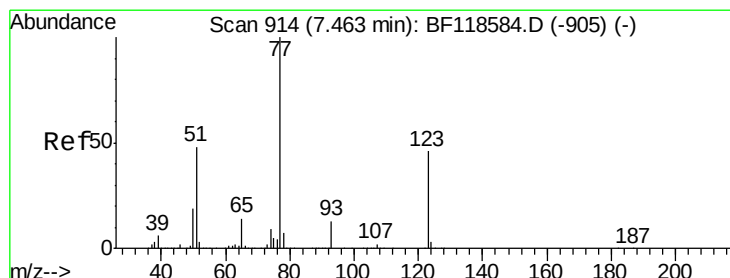
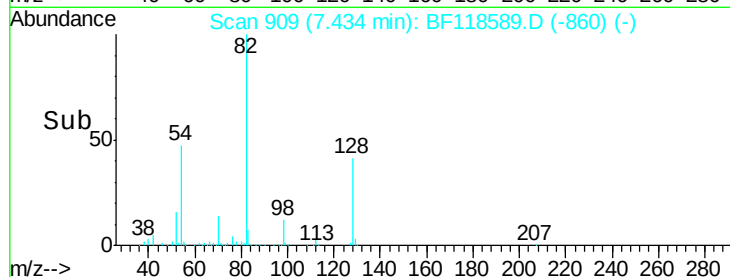
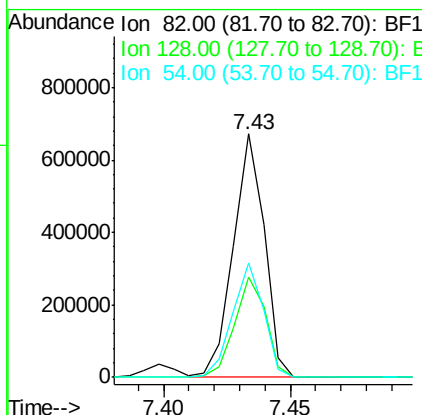
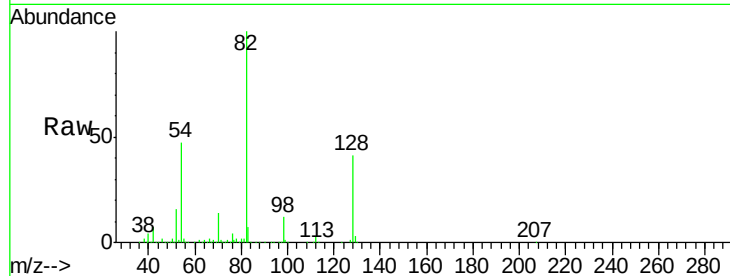
#23
 Nitrobenzene-d5
 Concen: 19.605 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.6	54.8
54	47.0	38.0	57.0

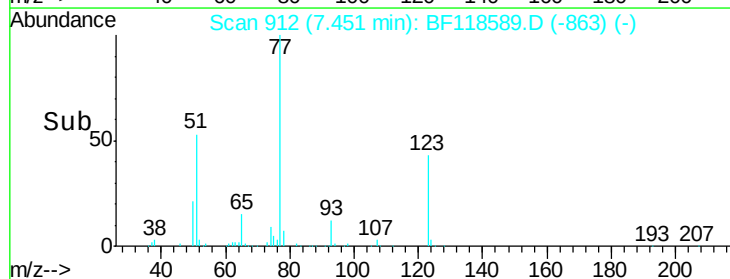
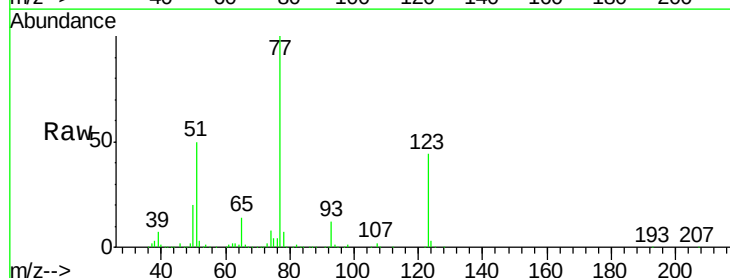
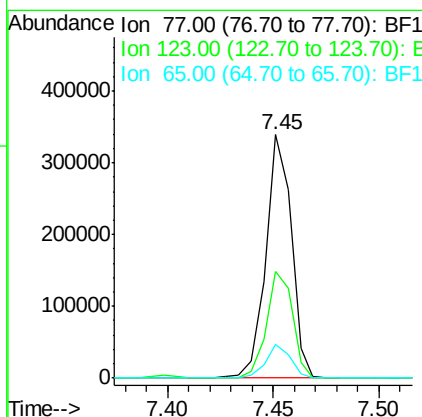
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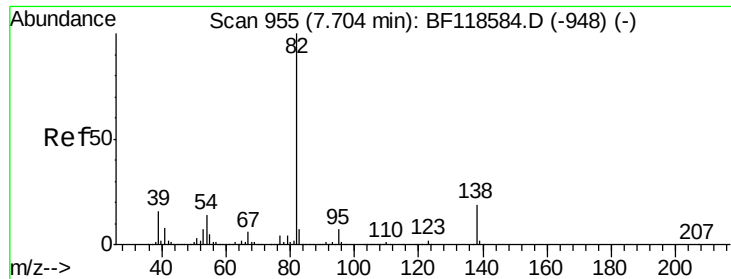
mohammad
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#24
 Nitrobenzene
 Concen: 9.572 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	37.0	55.4
65	13.7	11.1	16.7





#25

Isophorone

Concen: 9.506 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

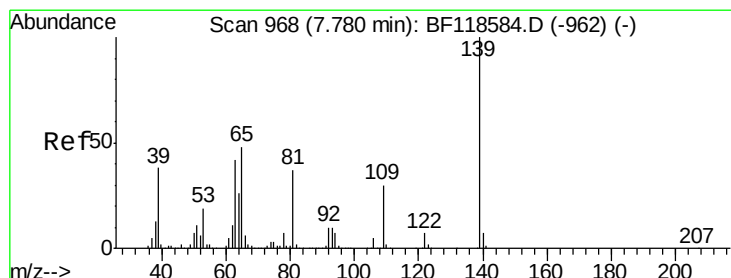
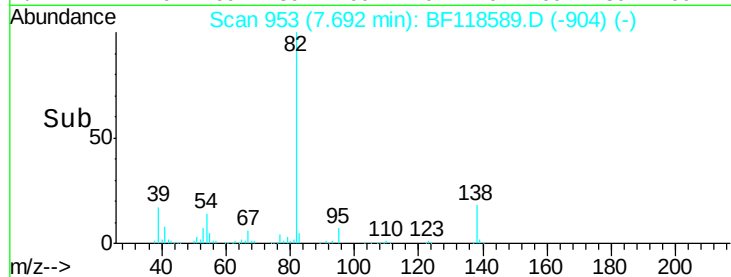
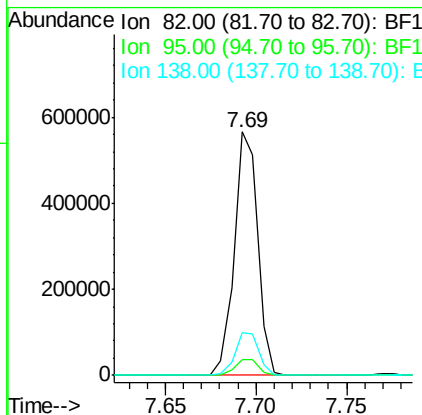
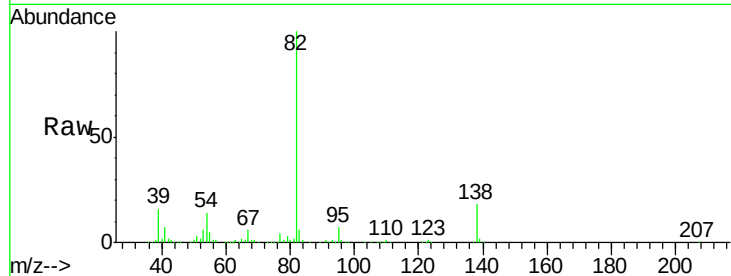
ClientSampleId :

SSTDIC010

Tot Ion:	82	Resp:	508230
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.9	8.9
138	17.5	15.3	22.9

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#26

2-Nitrophenol

Concen: 8.314 ng

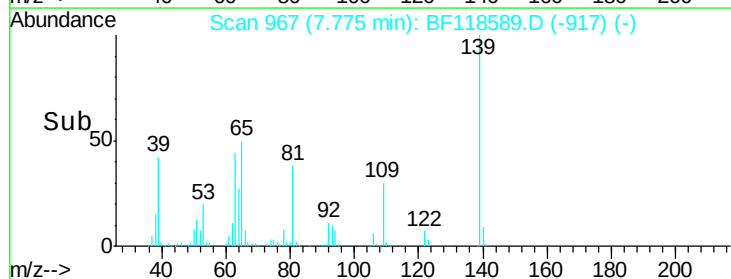
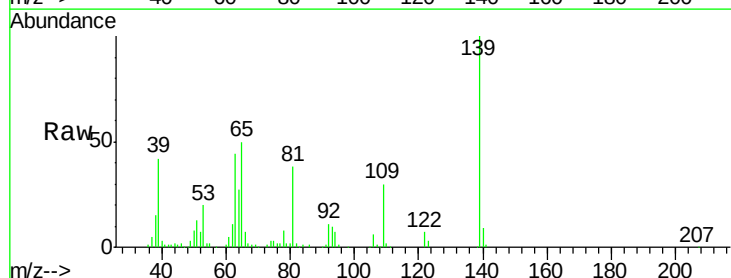
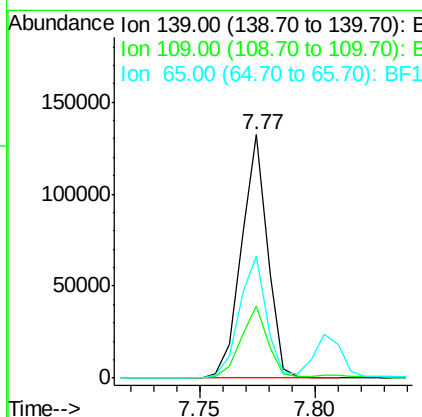
RT: 7.77 min Scan# 967

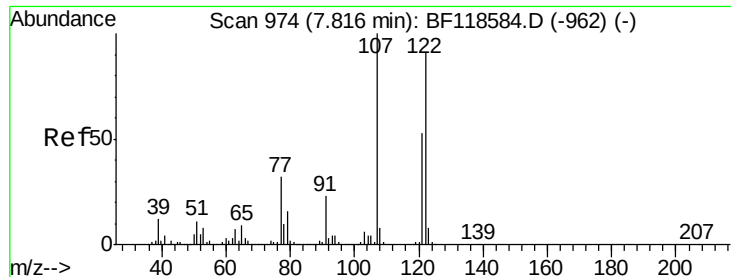
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	139	Resp:	104487
Ion Ratio	Lower	Upper	
139	100		
109	29.8	23.8	35.8
65	50.3	38.5	57.7





#27

2,4-Dimethylphenol

Concen: 9.227 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

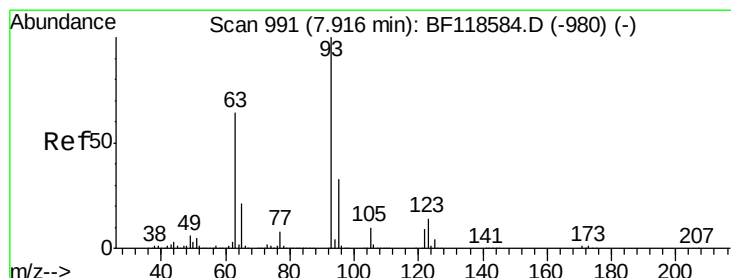
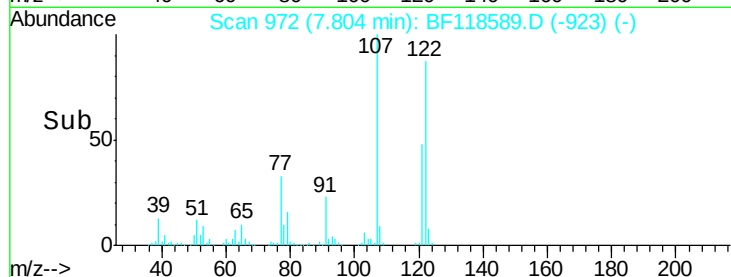
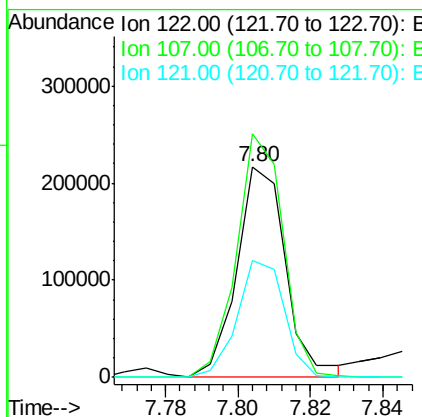
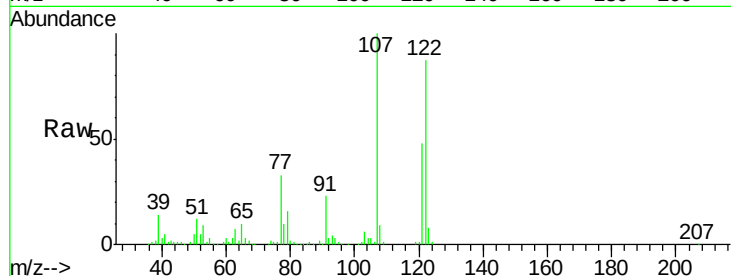
ClientSampleId :

SSTDIC010

Tot Ion:	122	Resp:	203673
Ion Ratio	Lower	Upper	
122	100		
107	115.5	88.0	132.0
121	55.7	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 9.792 ng

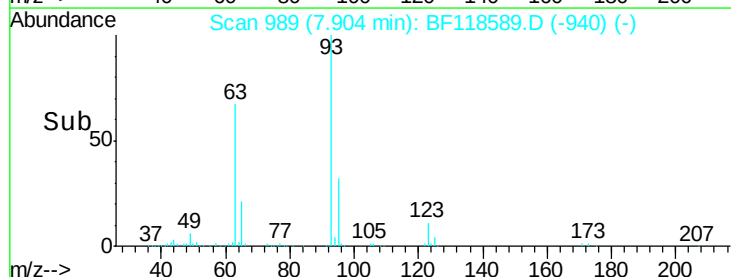
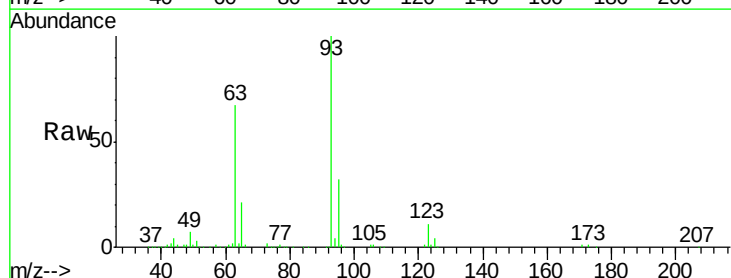
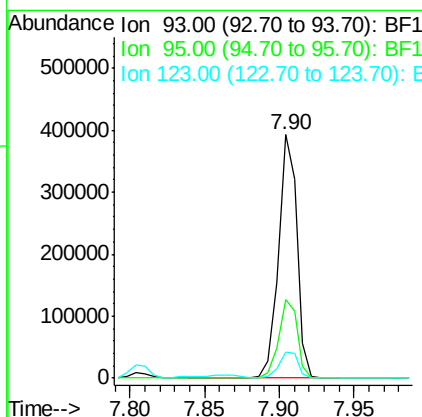
RT: 7.90 min Scan# 989

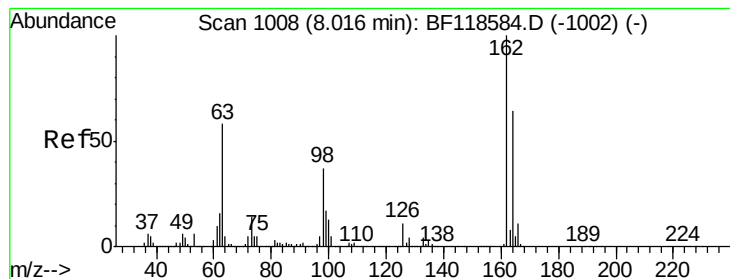
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	93	Resp:	338244
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.7	40.1
123	10.6	11.0	16.6#





#29

2,4-Dichlorophenol

Concen: 9.067 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

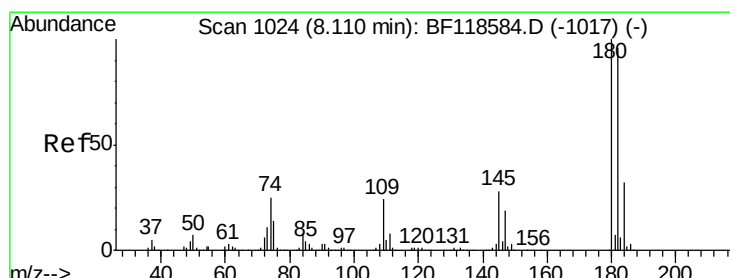
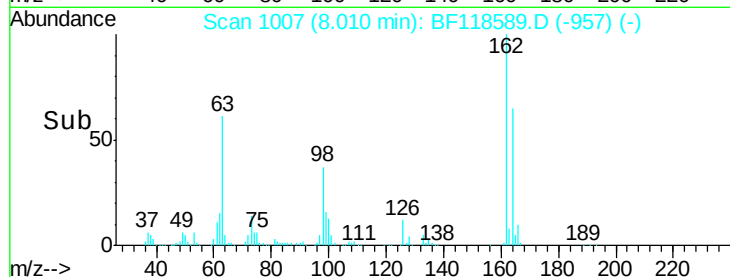
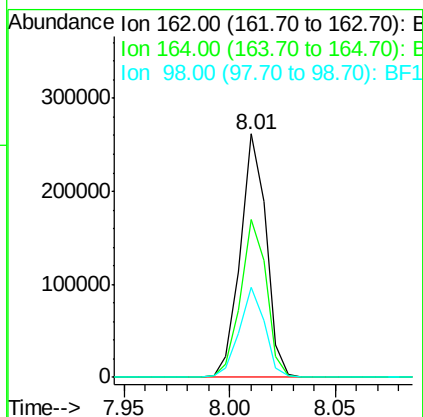
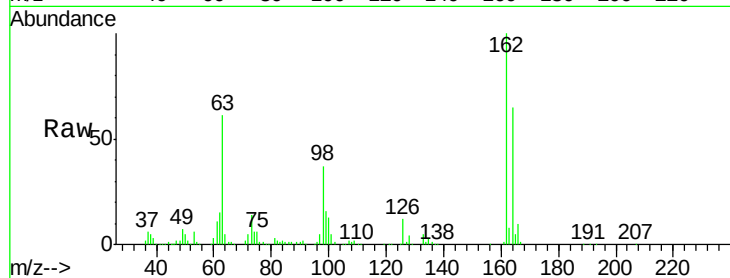
ClientSampleId :

SSTDIC010

Tot Ion:	162	Resp:	222236
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.3	84.3
98	36.9	17.5	57.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 9.623 ng

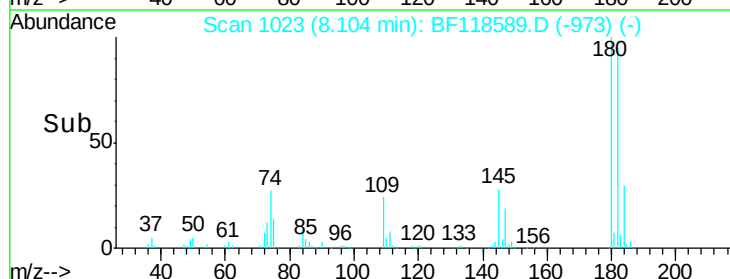
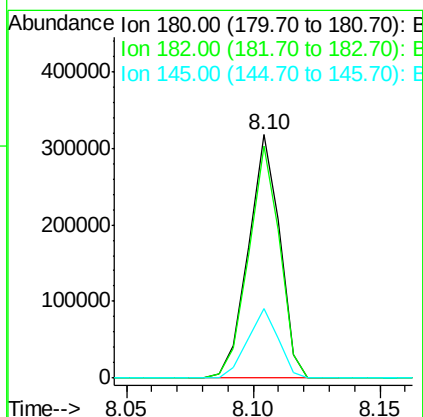
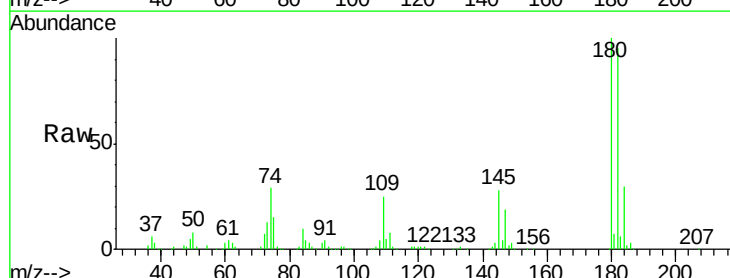
RT: 8.10 min Scan# 1023

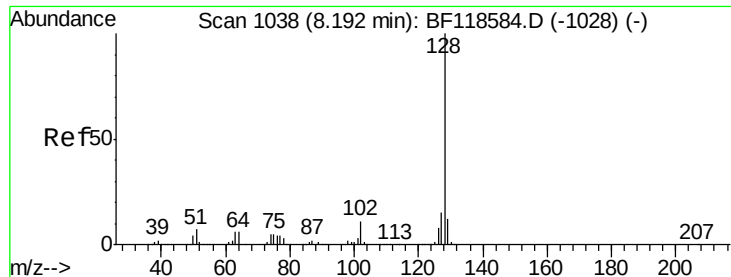
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	180	Resp:	273787
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	28.3	22.8	34.2





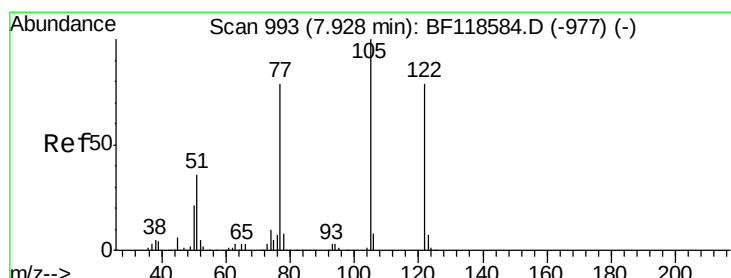
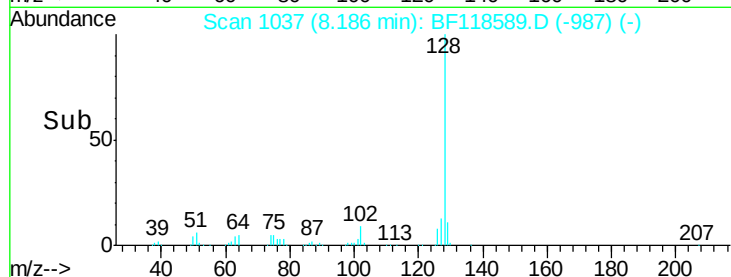
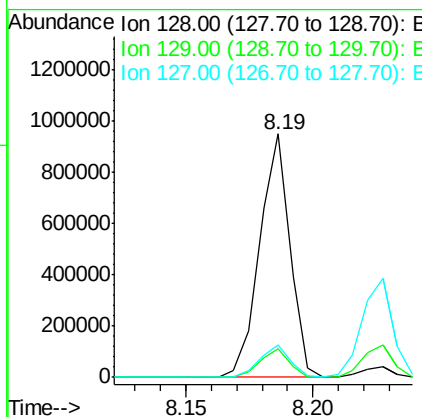
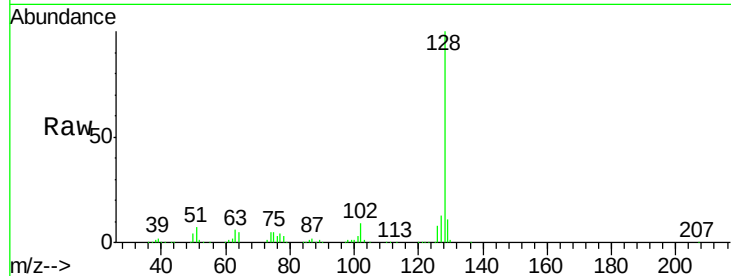
#31
Naphthalene
Concen: 10.657 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.9	14.9
127	13.1	12.0	18.0

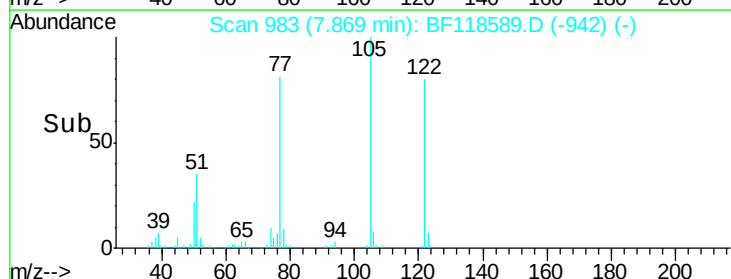
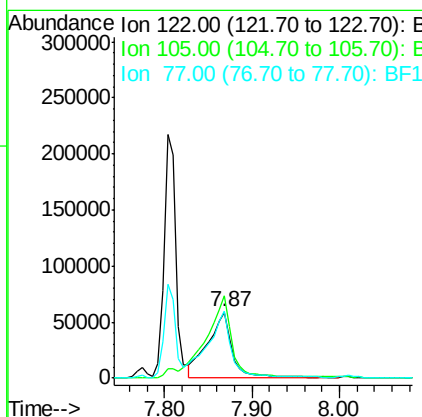
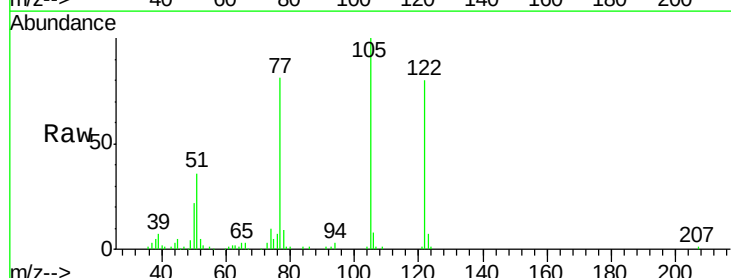
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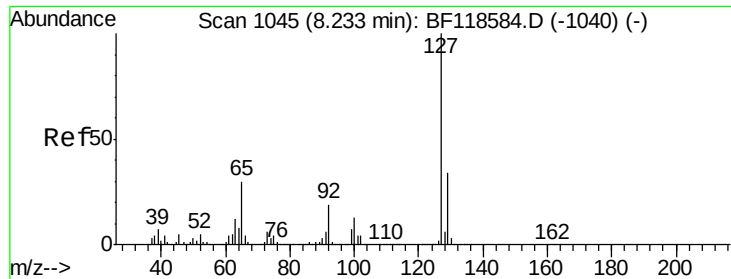
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#32
Benzoic acid
Concen: 7.028 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.06 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	104.3	144.3
77	101.1	79.4	119.4





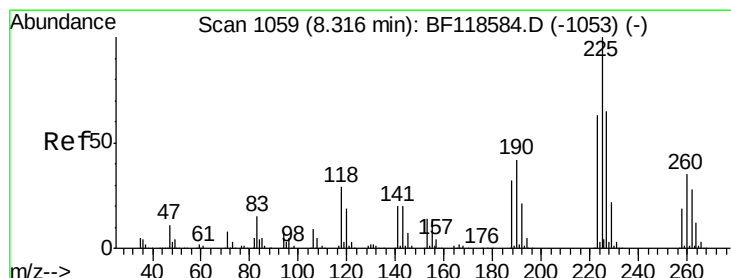
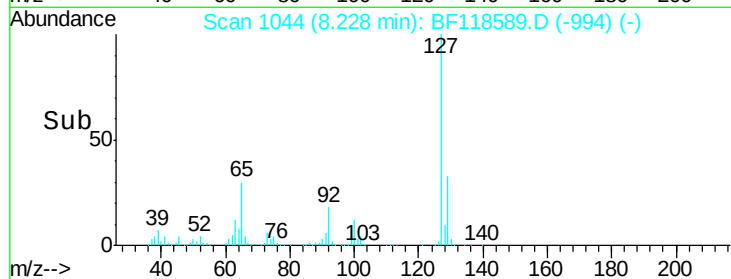
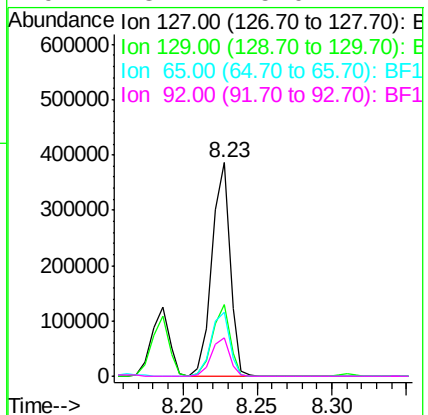
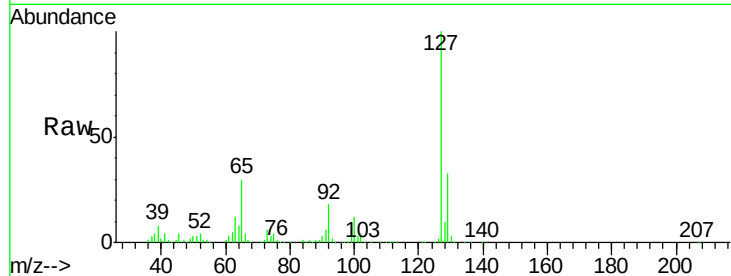
#33
4-Chloroaniline
Concen: 9.465 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	27.4	41.0	
65	29.7	23.6	35.4	
92	18.2	15.0	22.4	

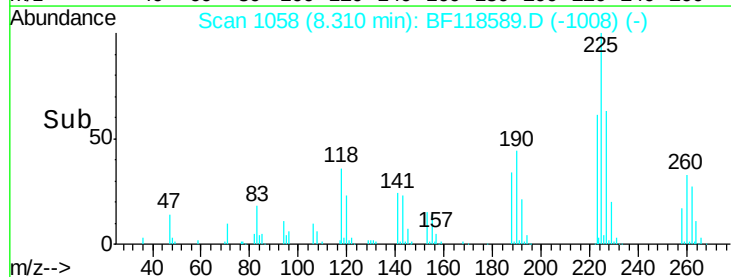
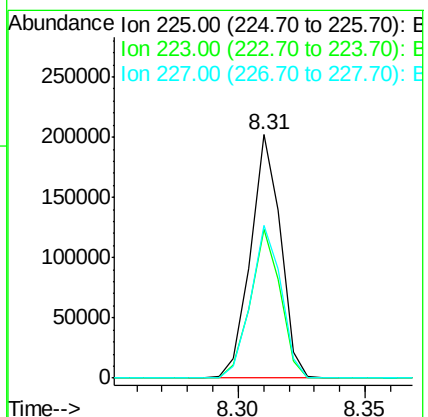
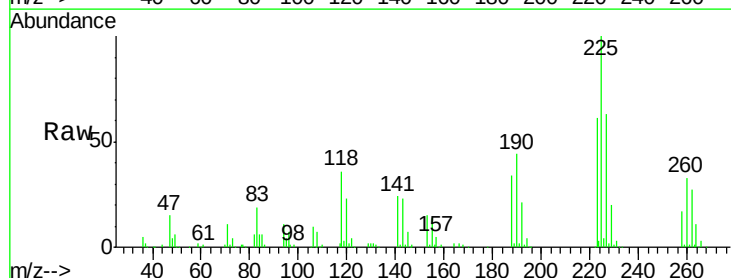
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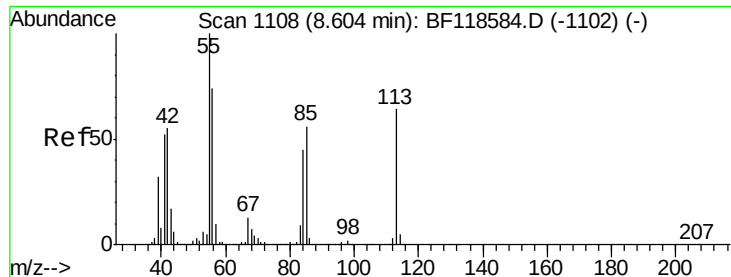
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#34
Hexachlorobutadiene
Concen: 9.633 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	50.2	75.4	
227	63.0	52.1	78.1	





#35

Caprolactam

Concen: 8.681 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.05 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

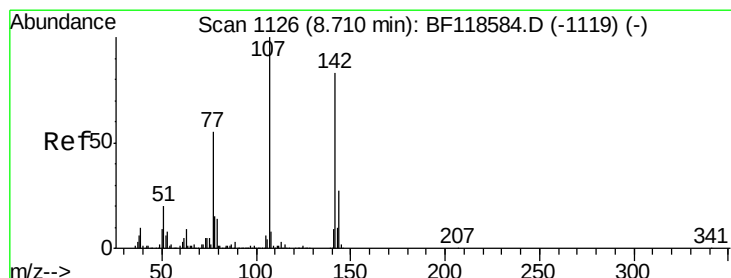
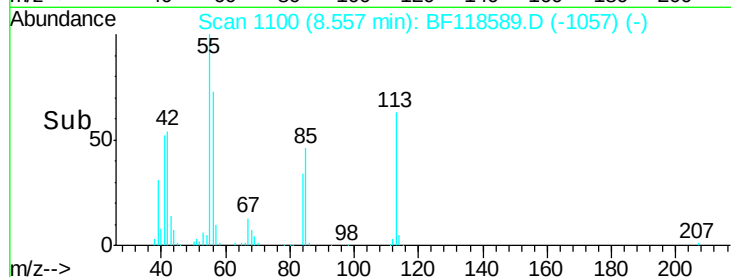
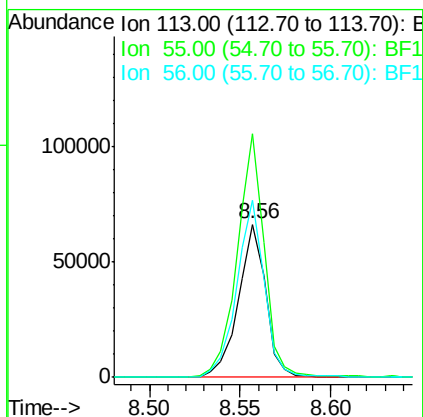
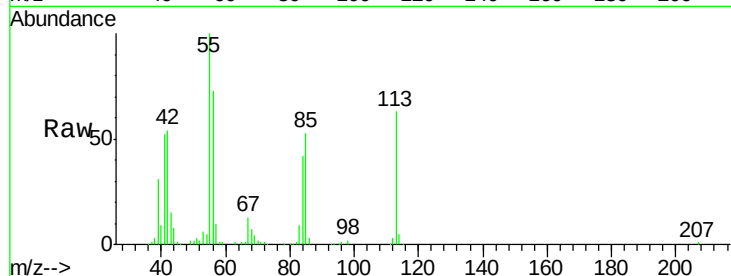
ClientSampleId :

SSTDIC010

Tot Ion:	113	Resp:	69107
Ion Ratio	Lower	Upper	
113	100		
55	159.1	136.1	176.1
56	115.5	95.2	135.2

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 9.146 ng

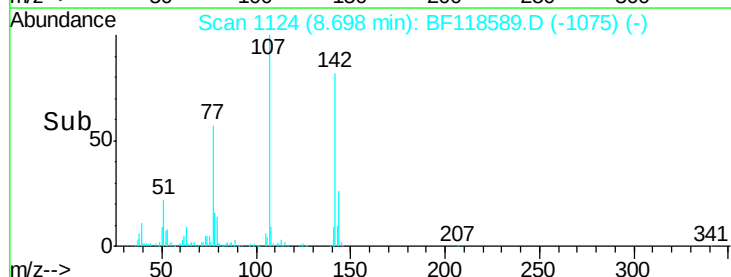
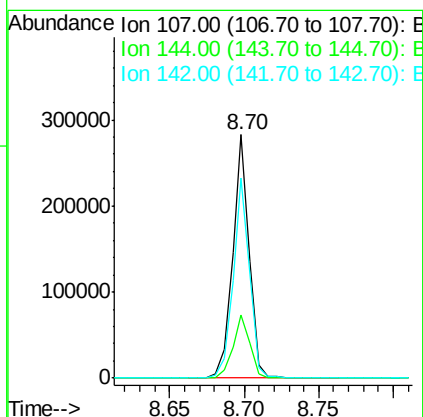
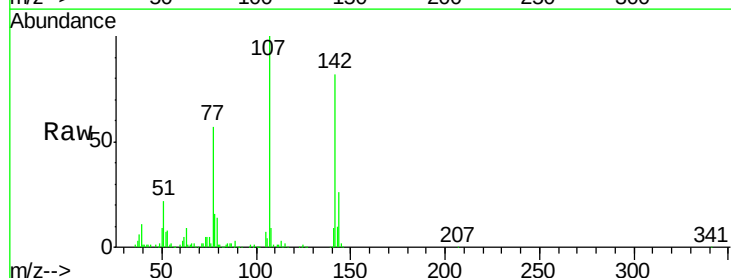
RT: 8.70 min Scan# 1124

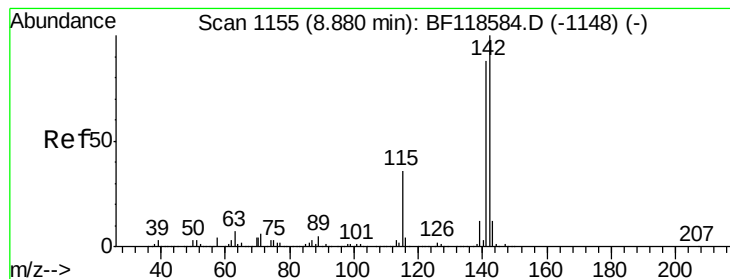
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	107	Resp:	221550
Ion Ratio	Lower	Upper	
107	100		
144	26.0	21.8	32.8
142	82.3	66.5	99.7





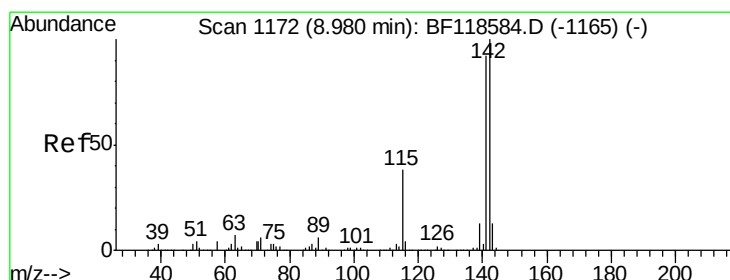
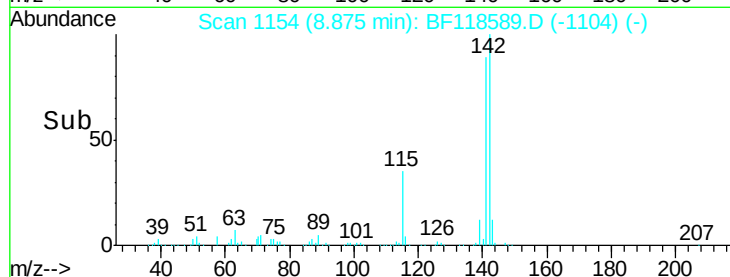
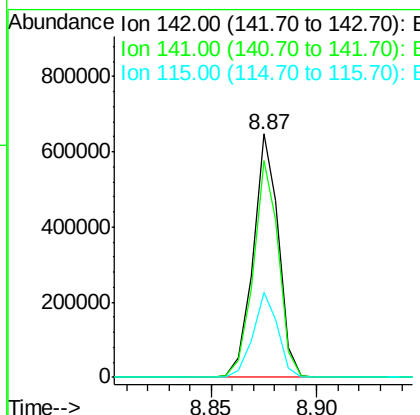
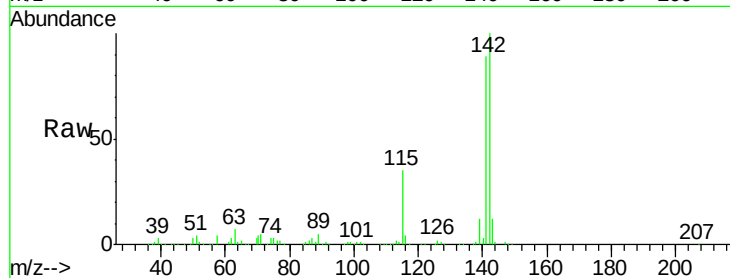
#37
2-Methylnaphthalene
Concen: 10.267 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	35.1	28.5	42.7

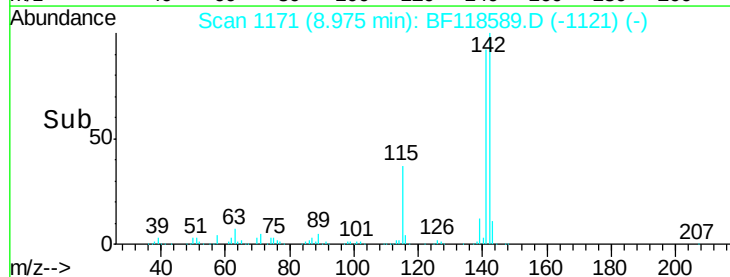
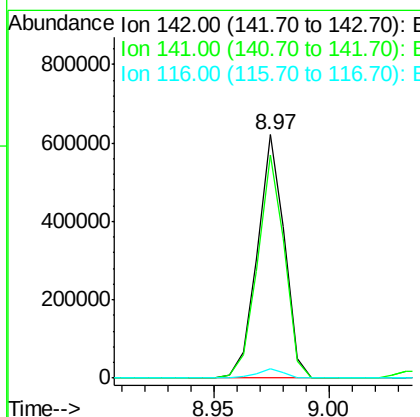
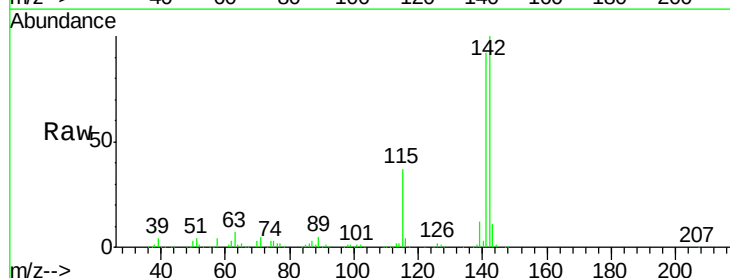
Manual Integrations
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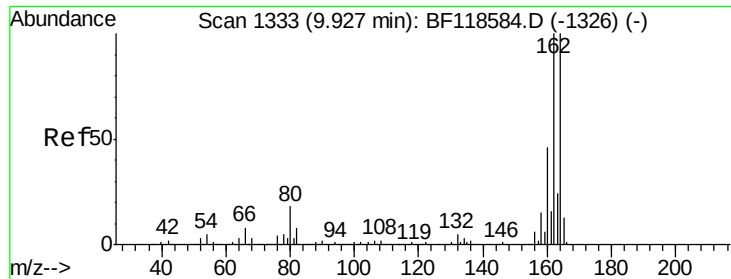
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#38
1-Methylnaphthalene
Concen: 10.155 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.2
116	3.7	3.3	4.9





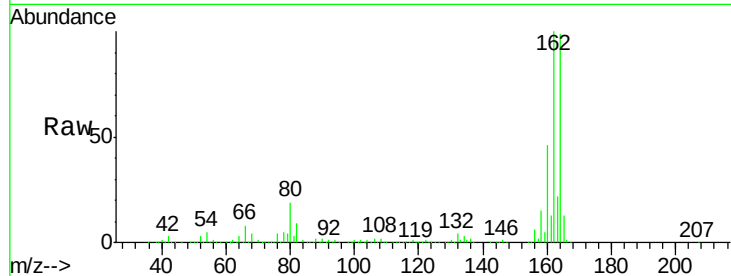
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

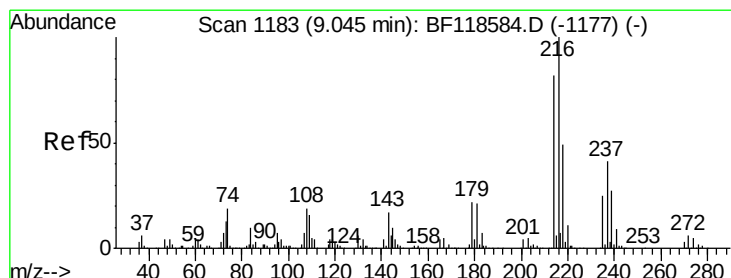
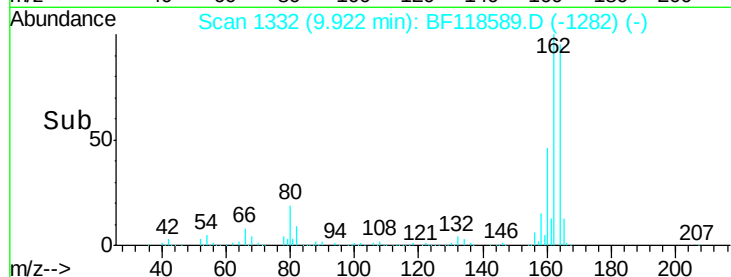
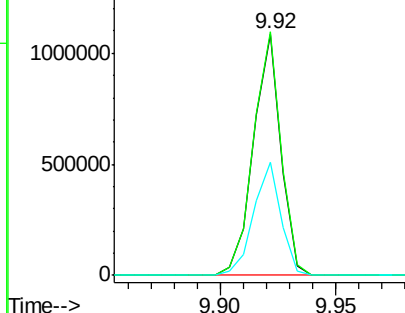
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	80.4	120.6	
160	46.7	36.6	55.0	

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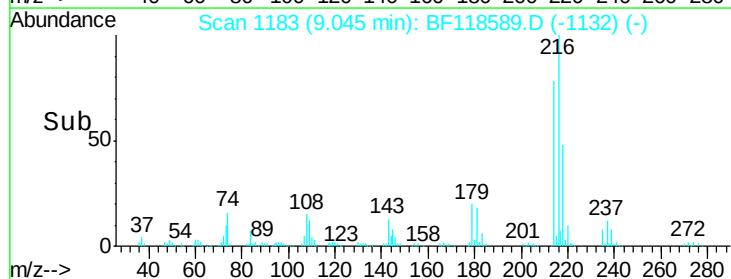
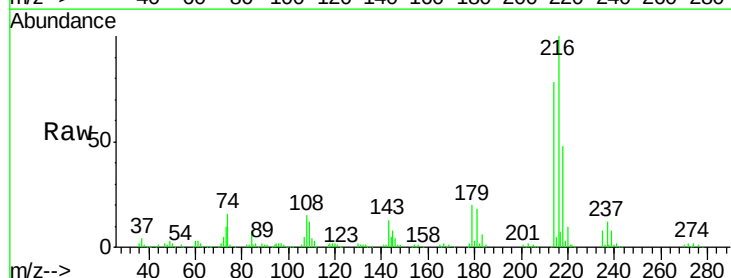
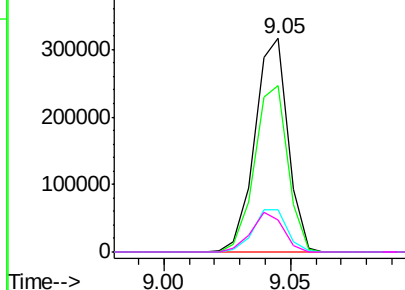
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

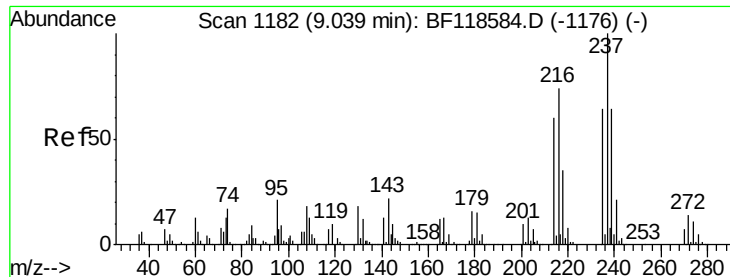


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.752 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	64.2	96.2	
179	20.4	16.6	25.0	
108	18.1	14.4	21.6	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.530 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

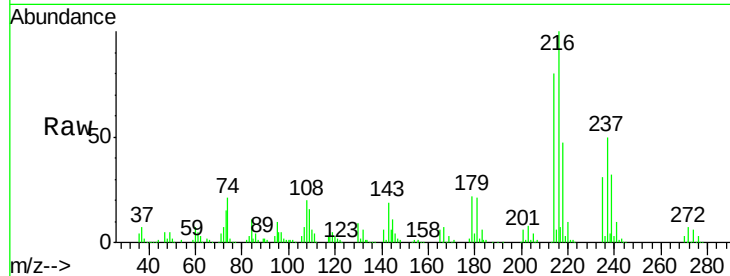
ClientSampleId :

SSTDIC010

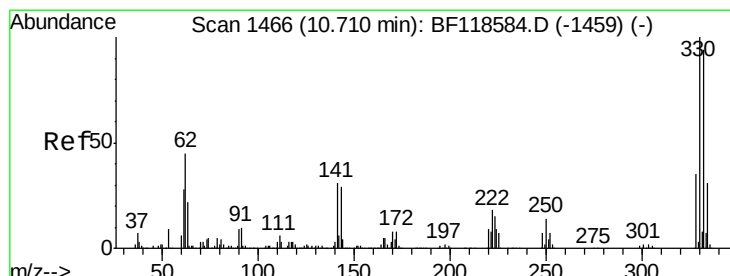
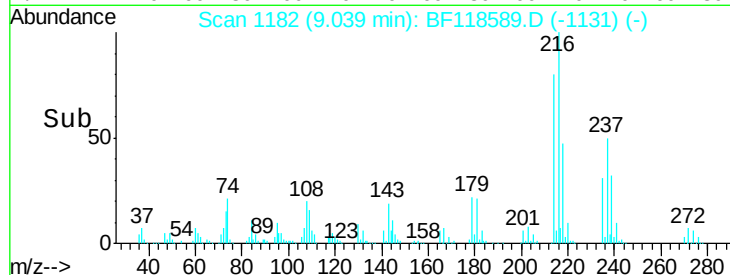
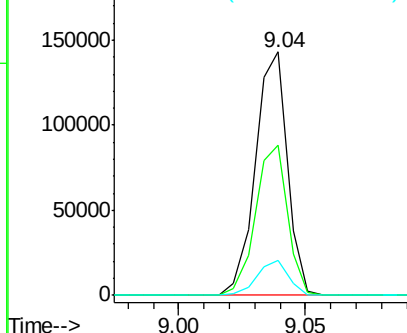
Tot Ion:	237	Resp:	126275
Ion Ratio	Lower	Upper	
237	100		
235	61.7	44.0	84.0
272	14.5	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 18.995 ng

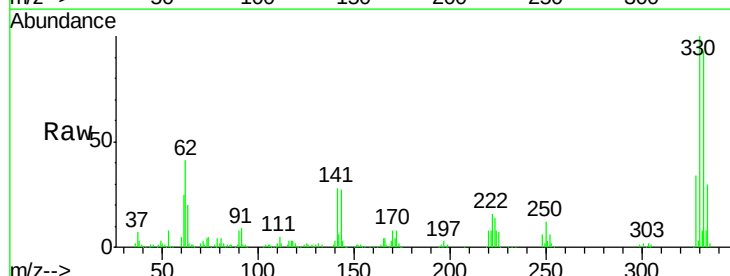
RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

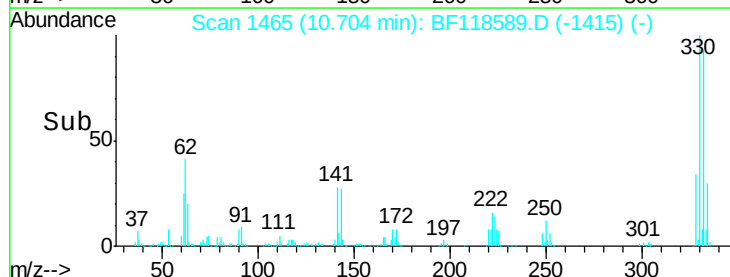
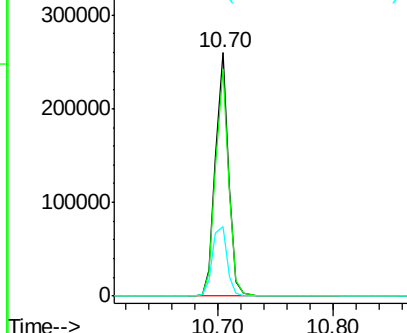
Lab File: BF118589.D

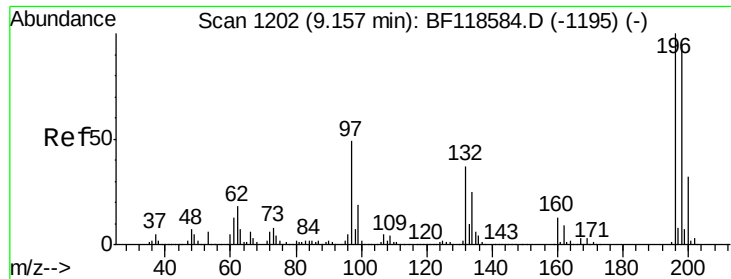
Acq: 20 Jan 2020 14:05

Tgt Ion:	330	Resp:	204478
Ion Ratio	Lower	Upper	
330	100		
332	94.0	76.2	114.4
141	32.2	23.9	35.9



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





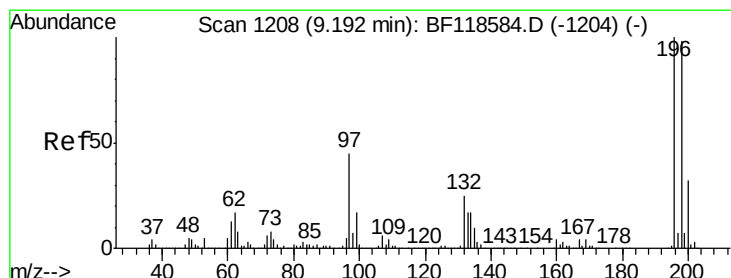
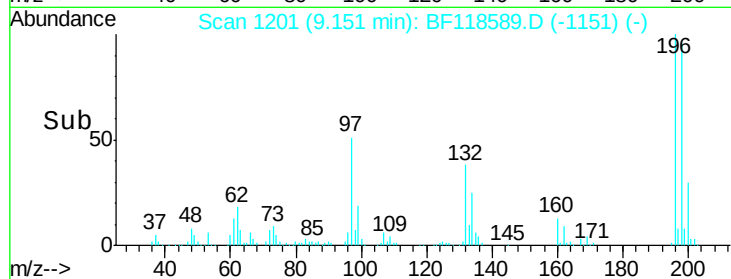
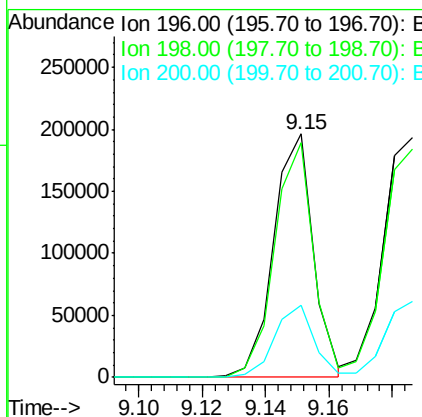
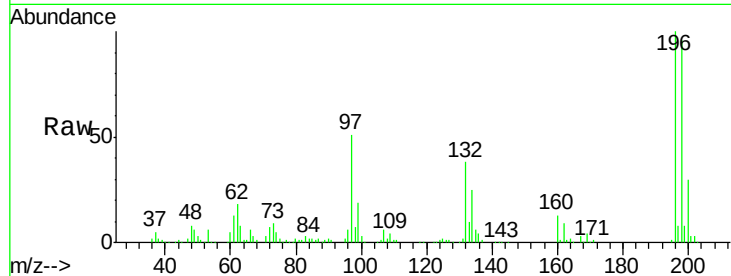
#43
 2,4,6-Trichlorophenol
 Concen: 8.808 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171210		
198	96.2	76.3	114.5	
200	29.7	25.4	38.2	

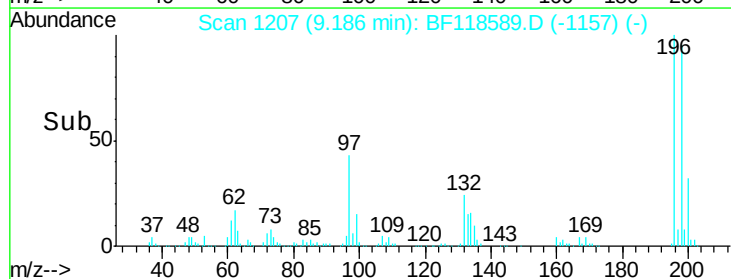
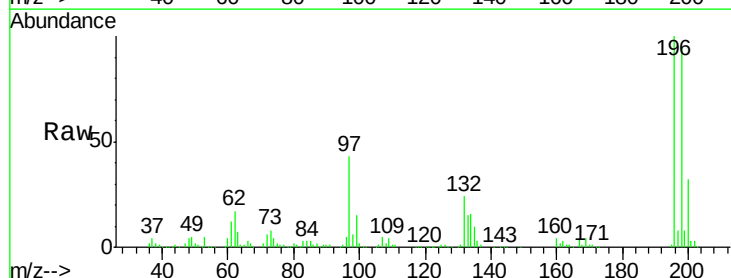
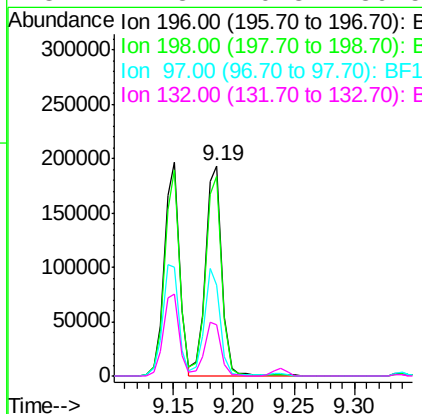
Manual Integrations
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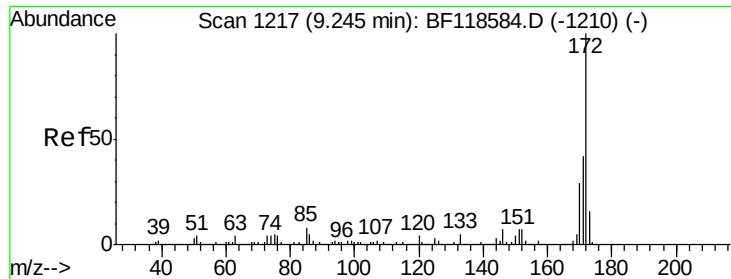
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 9.168 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181865		
198	95.3	78.3	117.5	
97	43.5	35.9	53.9	
132	24.3	20.3	30.5	





#45

2-Fluorobiphenyl

Concen: 23.806 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:172 Resp: 1243090

Ion Ratio Lower Upper

172 100

171 35.8 33.4 50.2

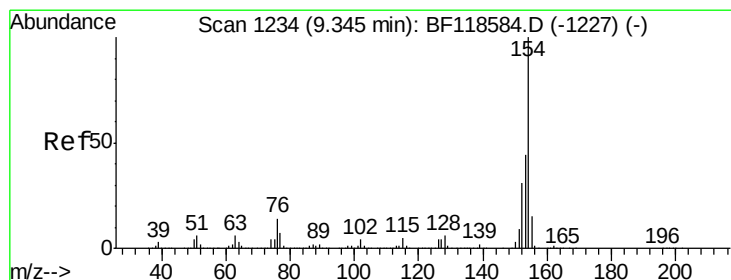
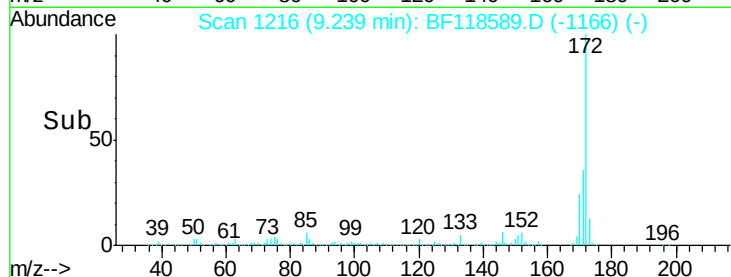
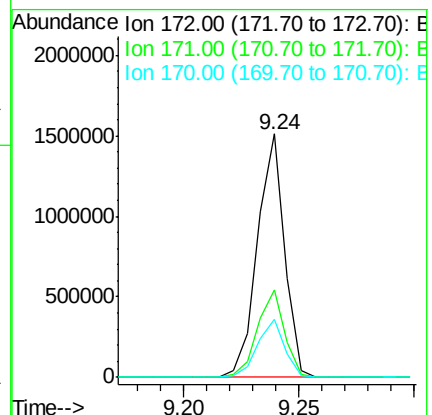
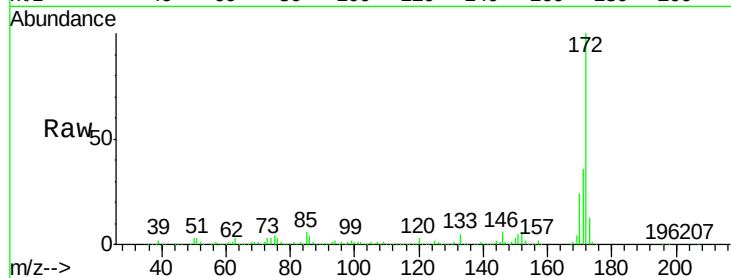
170 24.0 23.2 34.8

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#46

1,1'-Biphenyl

Concen: 10.576 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

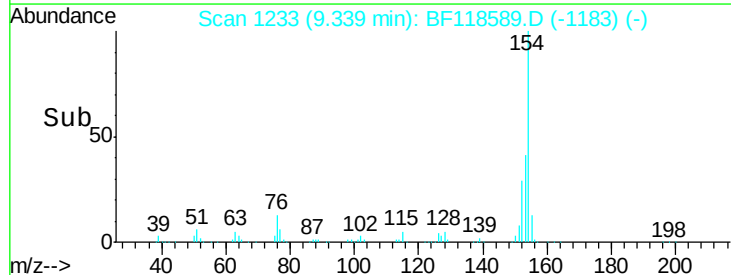
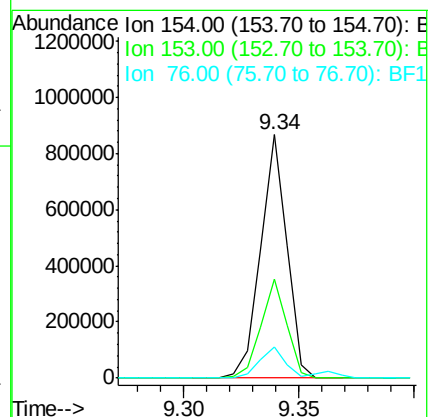
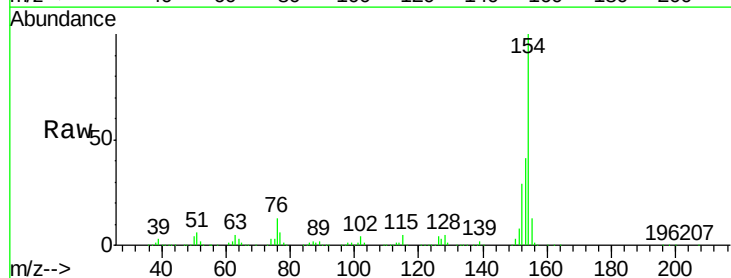
Tgt Ion:154 Resp: 688678

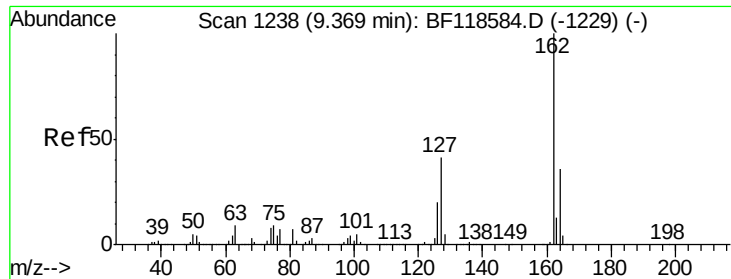
Ion Ratio Lower Upper

154 100

153 40.8 23.8 63.8

76 12.6 0.0 34.3





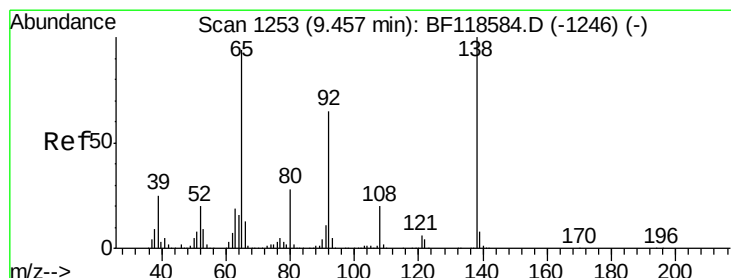
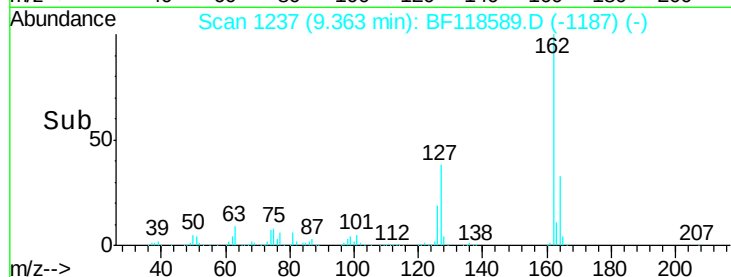
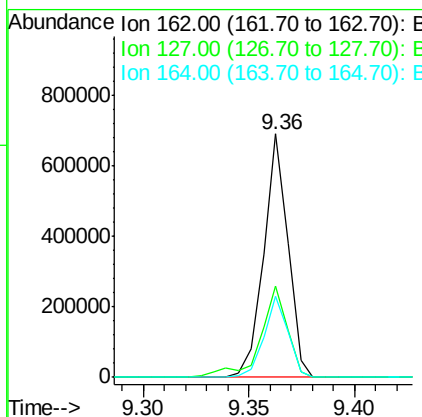
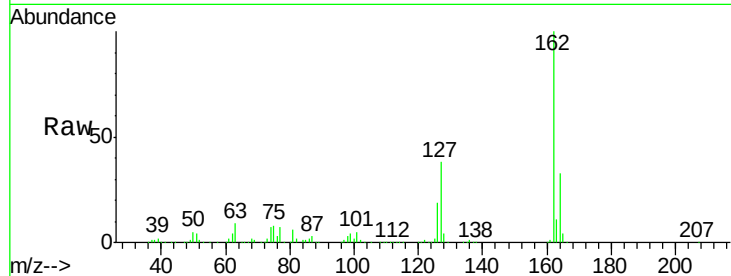
#47
2-Chloronaphthalene
Concen: 10.092 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
162	100	552414		
127	37.7		33.0	49.6
164	33.4		28.6	42.8

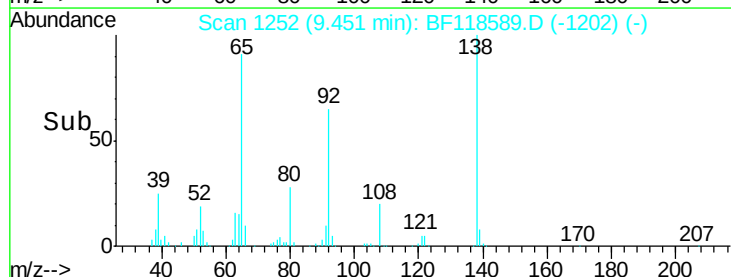
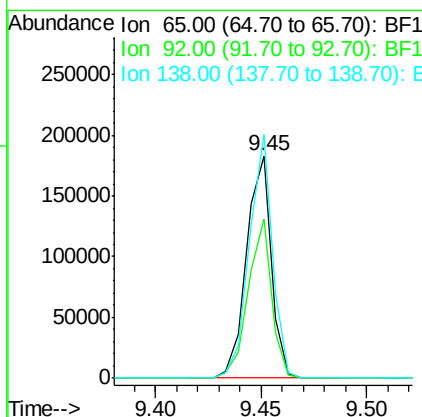
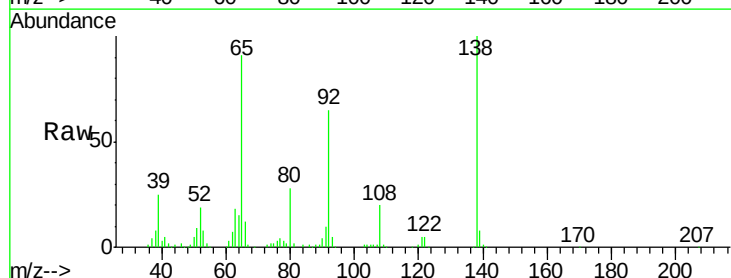
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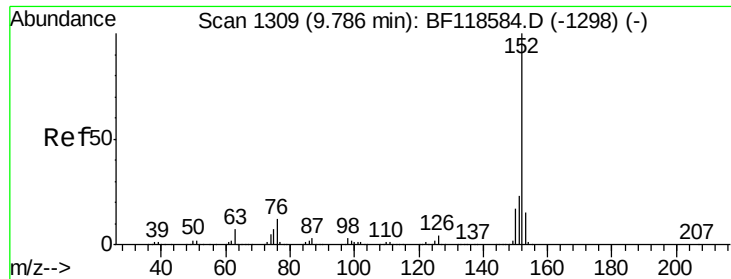
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#48
2-Nitroaniline
Concen: 9.075 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	149004		
92	71.6		55.4	83.0
138	109.7		85.0	127.6





#49

Acenaphthylene

Concen: 10.351 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

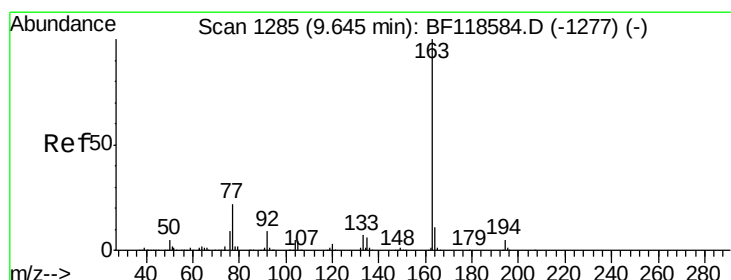
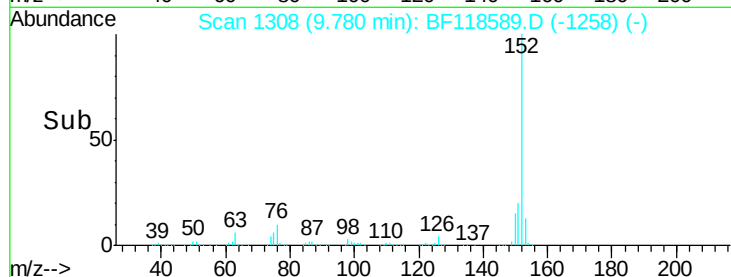
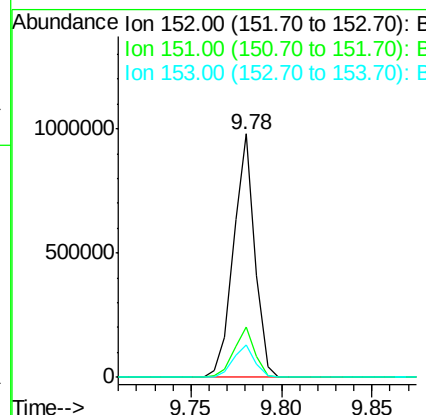
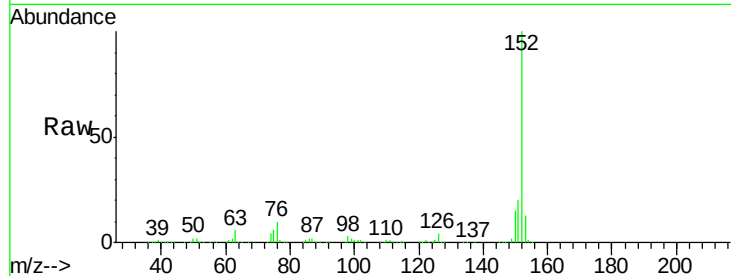
ClientSampleId :

SSTDICC010

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.6	27.8
153	13.4	12.2	18.4

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#50

Dimethylphthalate

Concen: 10.266 ng

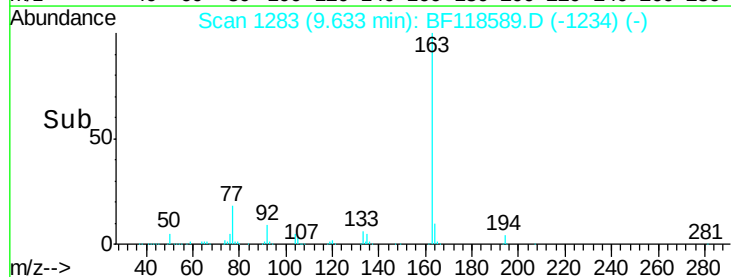
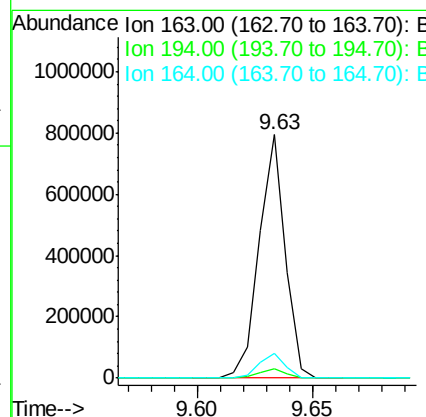
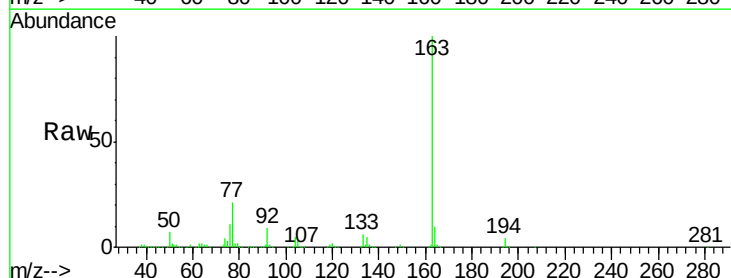
RT: 9.63 min Scan# 1283

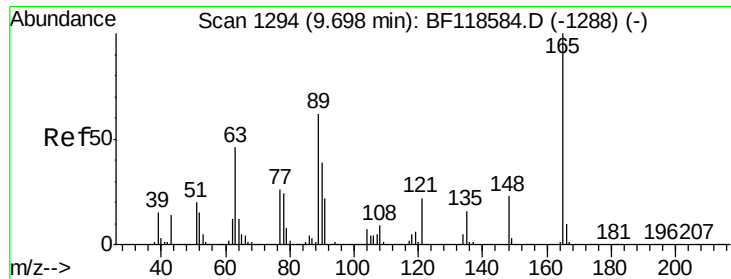
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.9	5.9
164	10.1	9.1	13.7





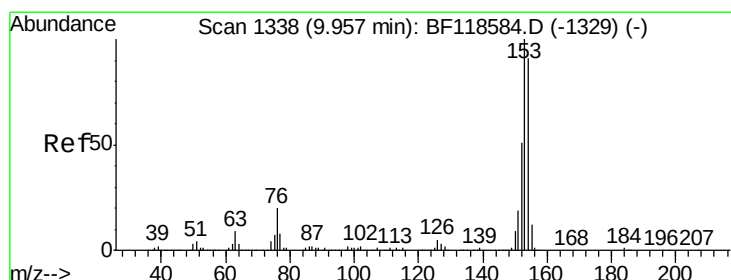
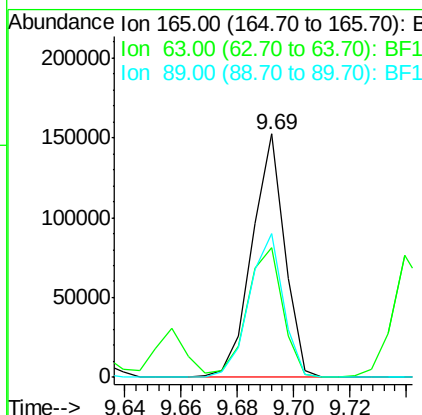
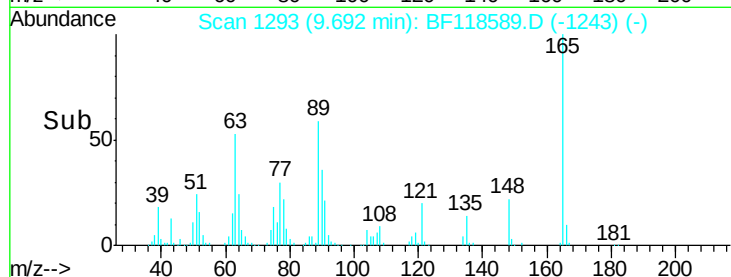
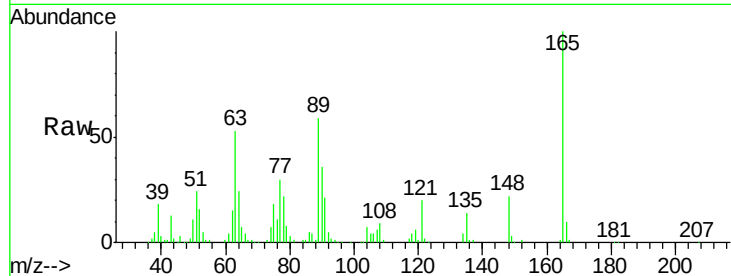
#51
 2,6-Dinitrotoluene
 Concen: 9.115 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		122083		
63	53.2	48.9	73.3		
89	58.8	49.8	74.6		

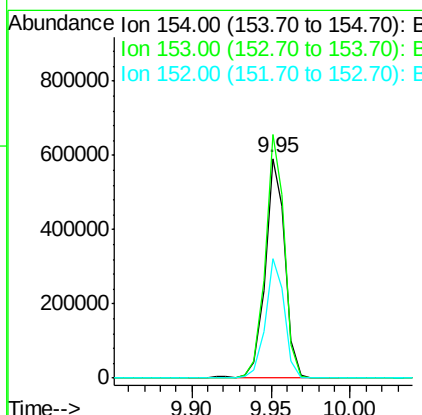
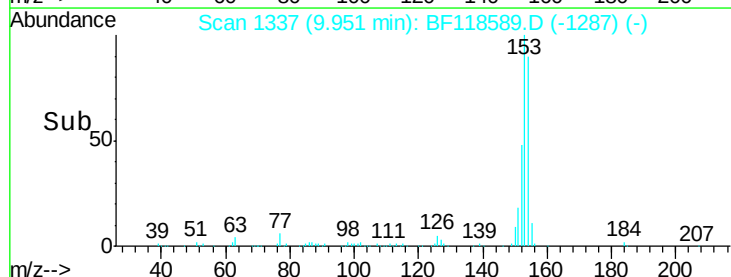
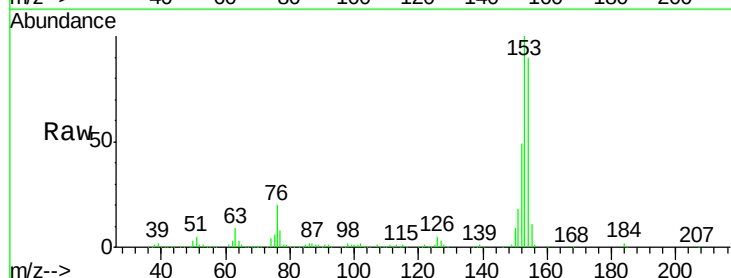
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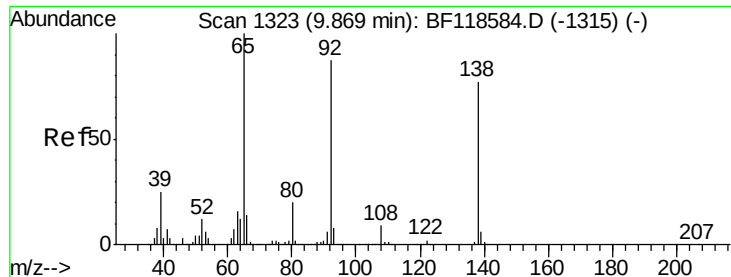
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#52
 Acenaphthene
 Concen: 9.988 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		514350		
153	110.9	87.6	131.4		
152	54.6	44.4	66.6		





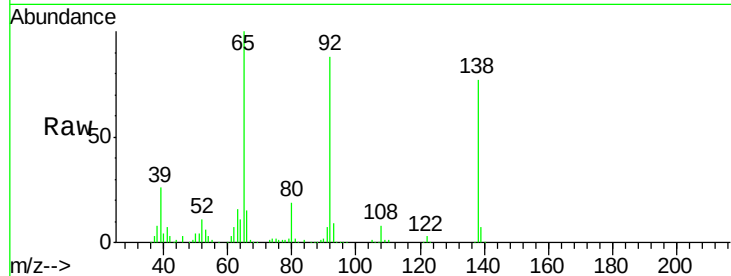
#53
3-Nitroaniline
Concen: 9.025 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

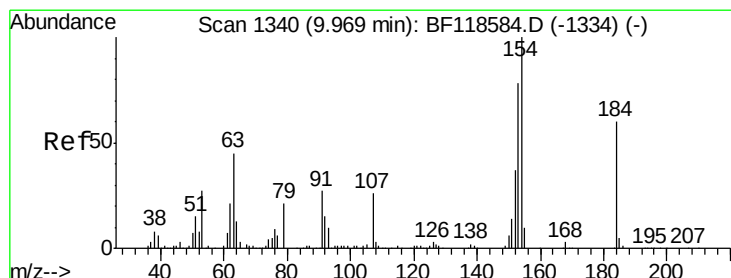
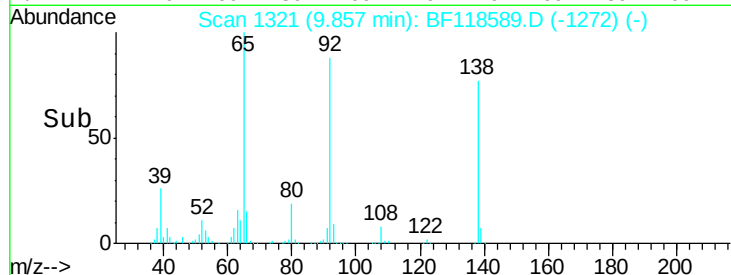
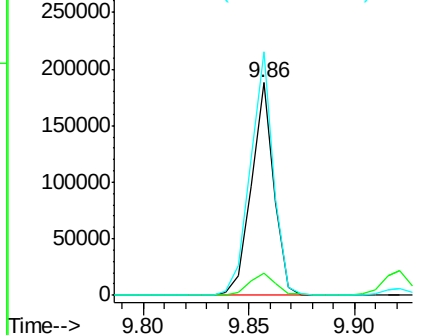
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.6	14.4
92	114.6	90.6	136.0

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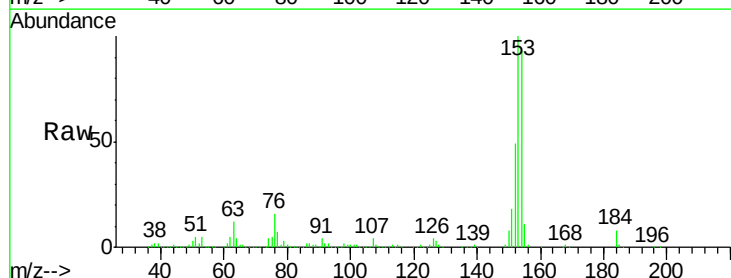


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

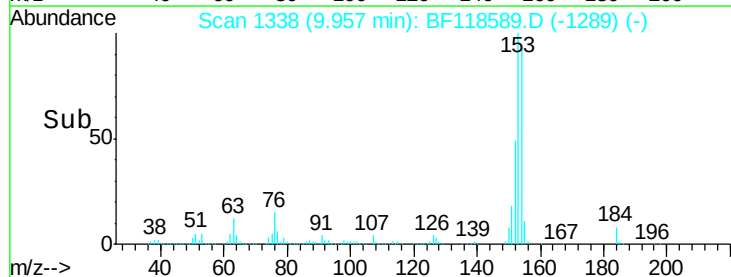
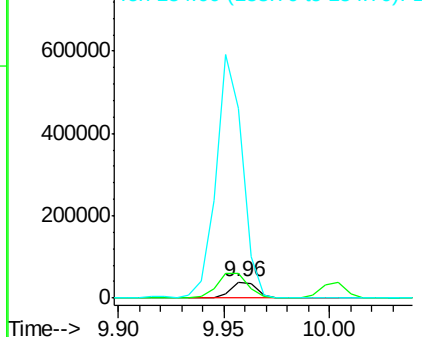


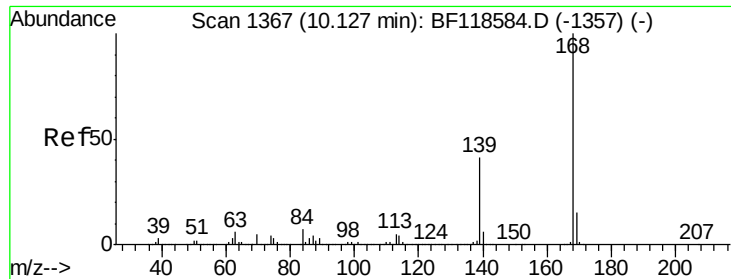
#54
2,4-Dinitrophenol
Concen: 6.288 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	153.7	60.6	90.8#
154	1162.2	137.3	205.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





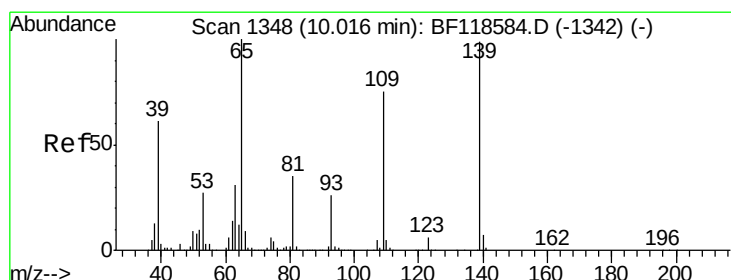
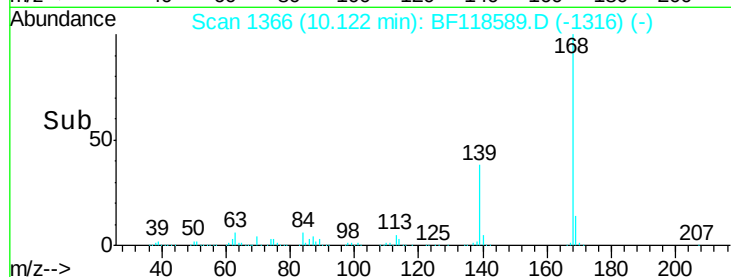
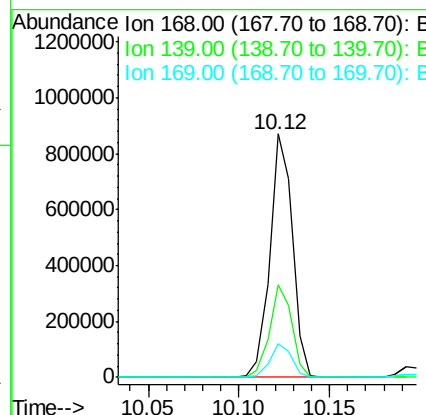
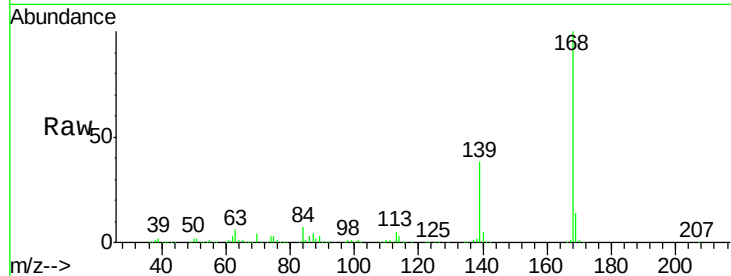
#55
Dibenzofuran
Concen: 10.546 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.7	49.1
169	14.1	12.2	18.2

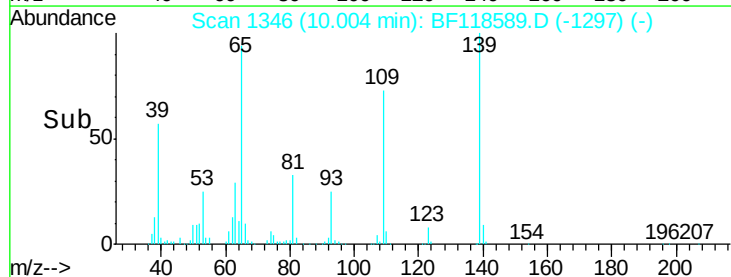
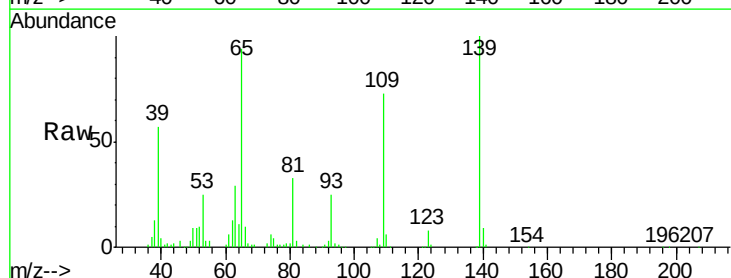
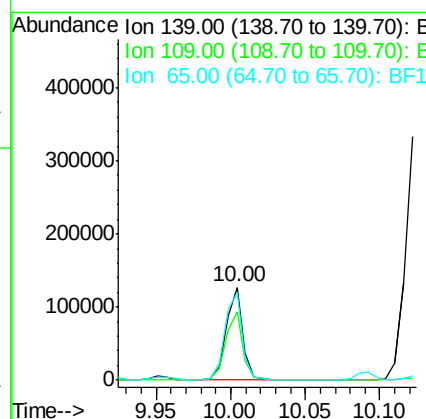
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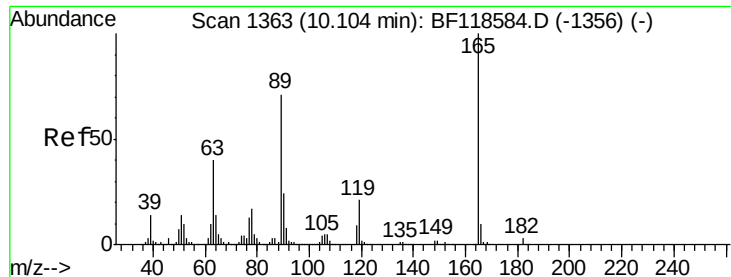
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#56
4-Nitrophenol
Concen: 8.618 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	56.0	96.0
65	93.9	81.4	121.4





#57

2,4-Dinitrotoluene

Concen: 8.946 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

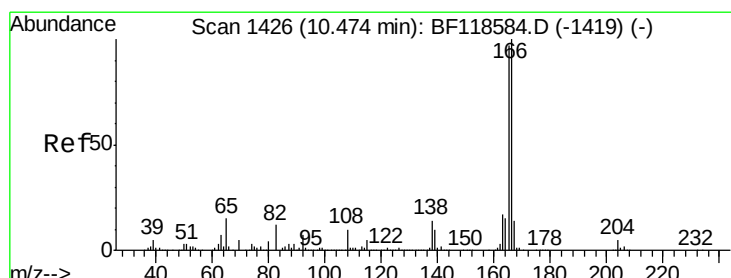
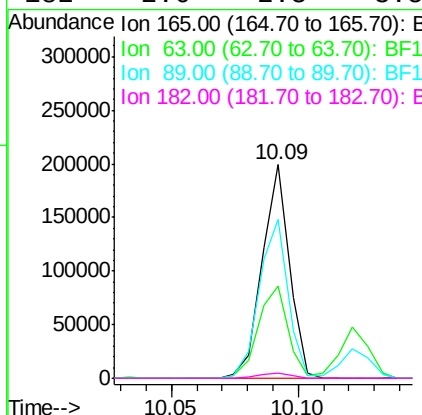
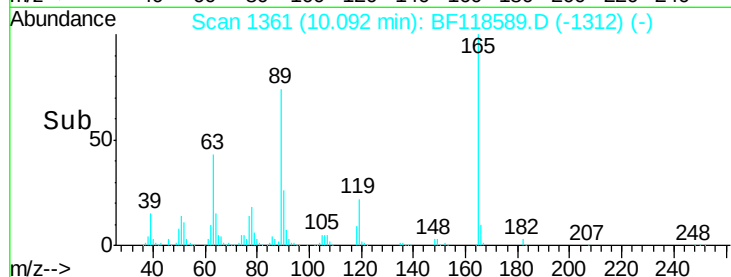
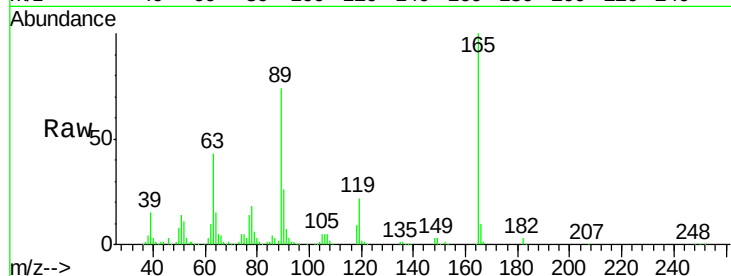
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
165	100	150032		
63	43.2		32.4	48.6
89	74.4		56.4	84.6
182	2.6		2.3	3.5

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#58

Fluorene

Concen: 10.865 ng

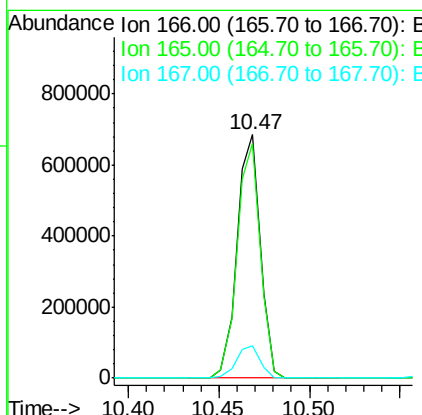
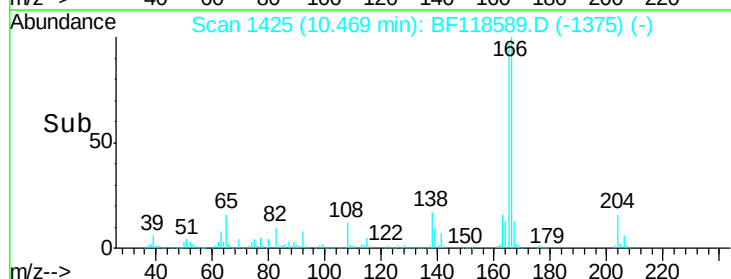
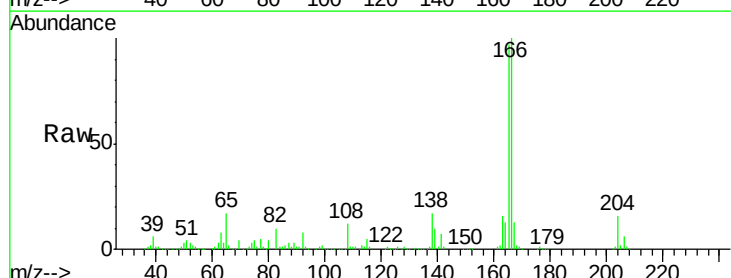
RT: 10.47 min Scan# 1425

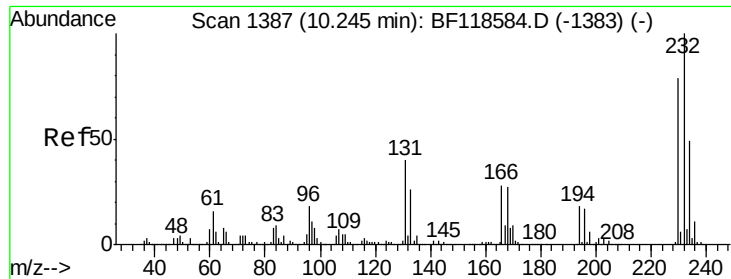
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	608672		
165	96.6		77.3	115.9
167	13.3		11.5	17.3





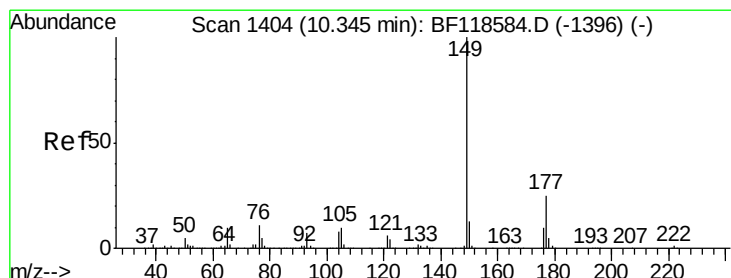
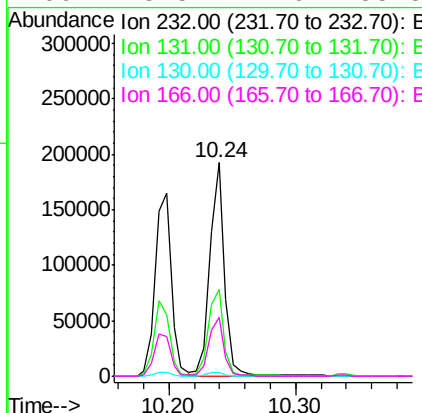
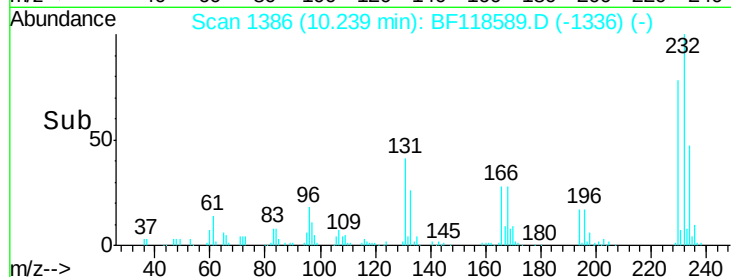
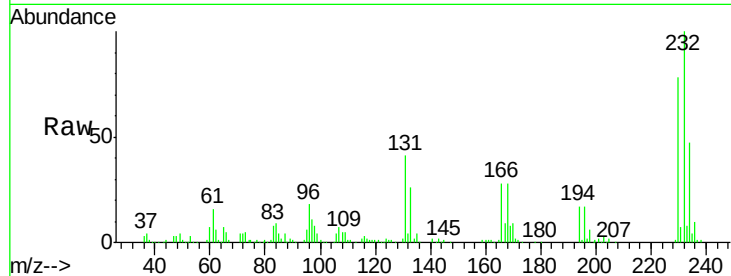
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.033 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.2	49.8
130	2.1	1.8	2.6
166	28.5	22.6	33.8

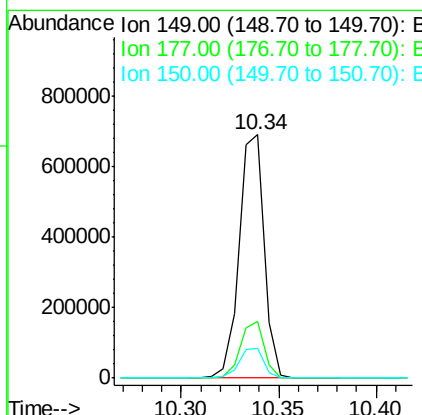
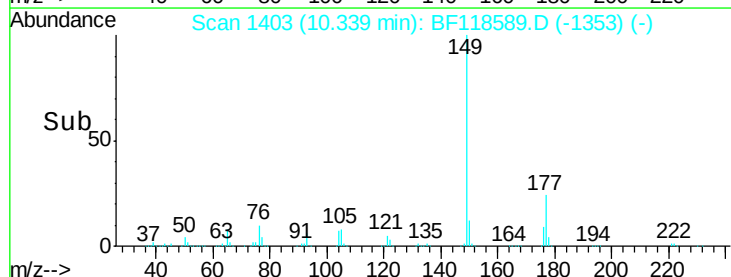
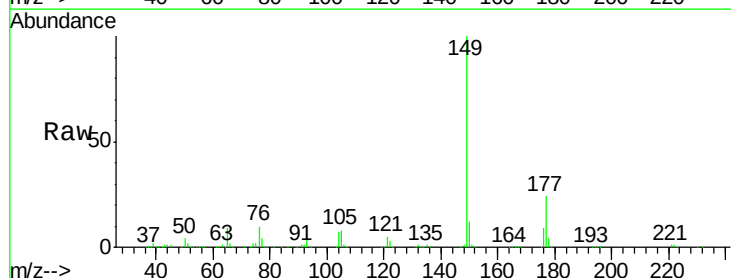
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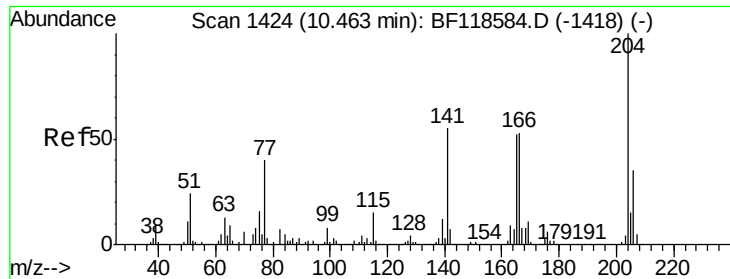
mohammad
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#60
Diethylphthalate
Concen: 10.370 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.0	30.0
150	12.3	10.6	16.0





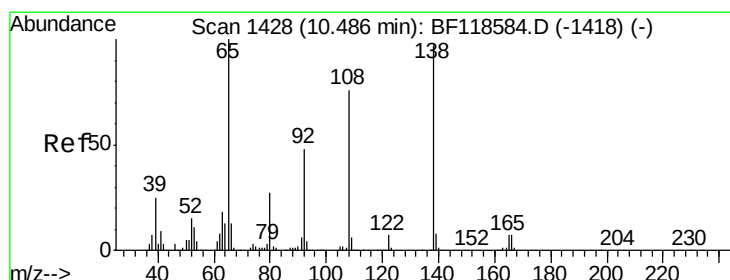
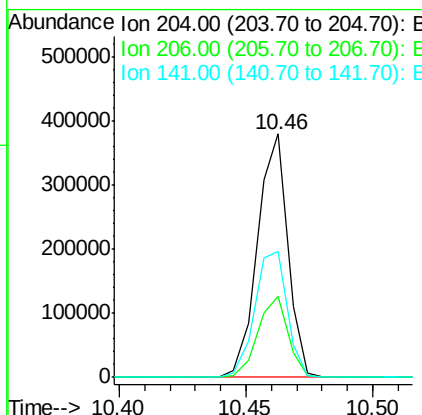
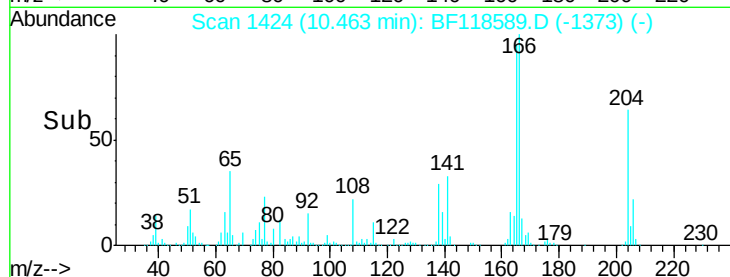
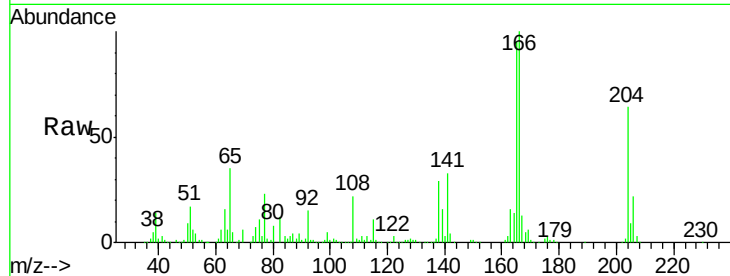
#61
 4-Chlorophenyl-phenylether
 Concen: 10.466 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

Tot Ion:	204	Resp:	317915
Ion Ratio	Lower	Upper	
204	100		
206	33.5	27.8	41.6
141	51.6	43.7	65.5

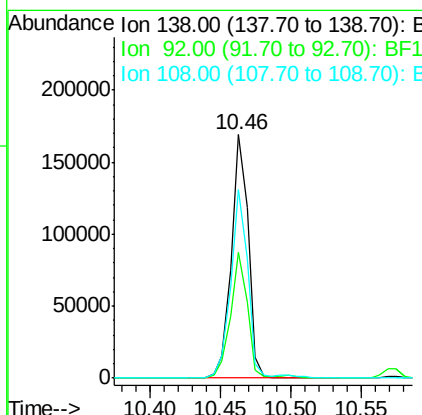
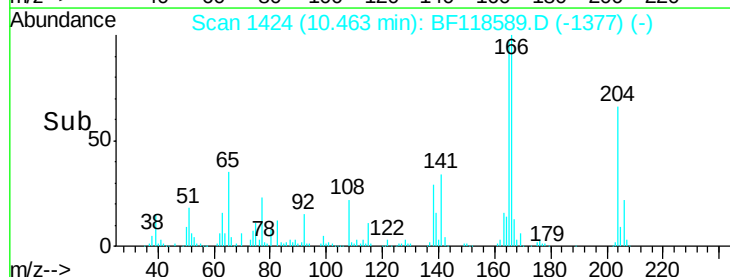
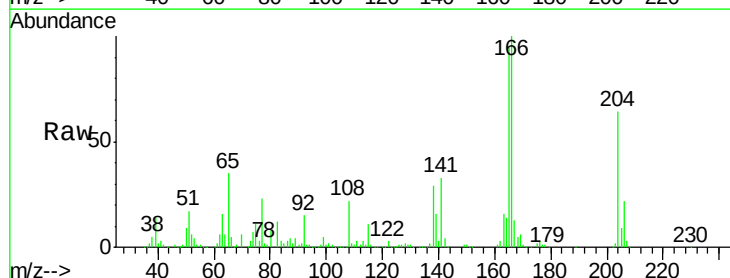
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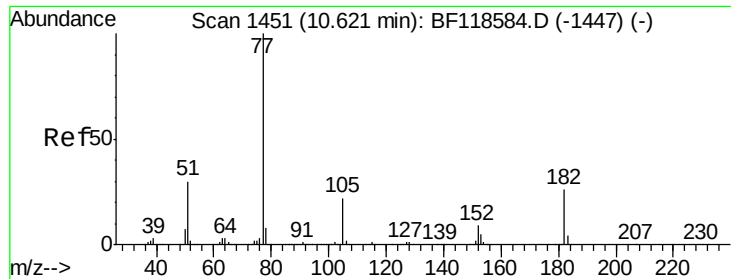
mohammad
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#62
 4-Nitroaniline
 Concen: 8.904 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion:	138	Resp:	141351
Ion Ratio	Lower	Upper	
138	100		
92	51.8	29.4	69.4
108	77.5	58.2	98.2





#63

Azobenzene

Concen: 10.384 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

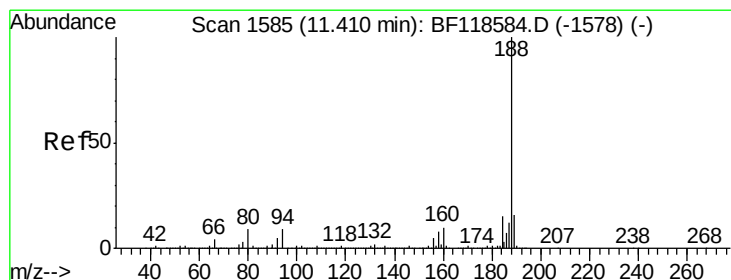
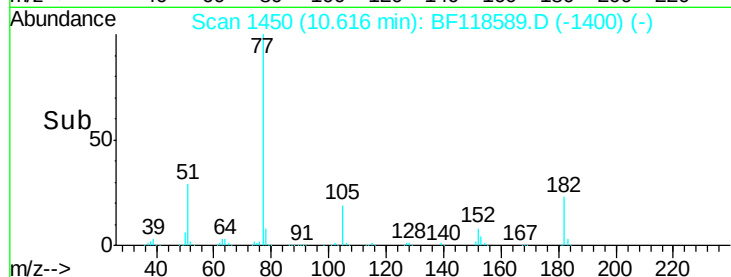
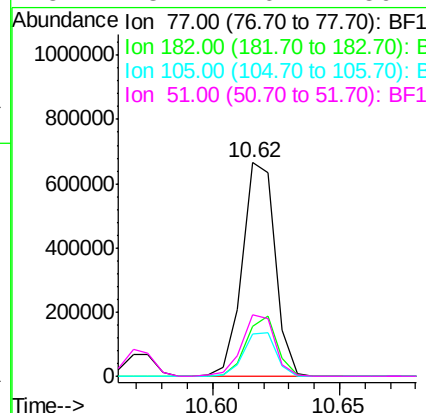
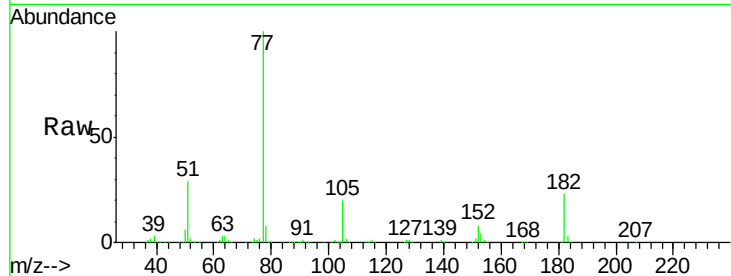
ClientSampleId :

SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.1	5.6	45.6
105	19.9	2.0	42.0
51	28.7	10.2	50.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

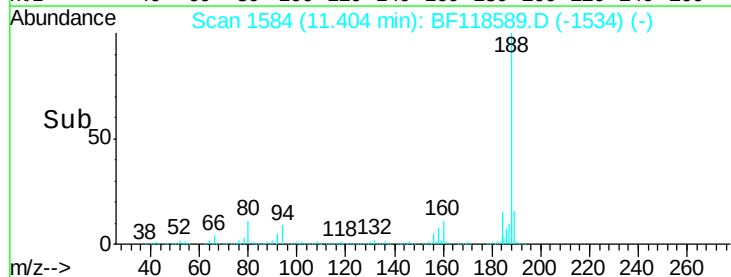
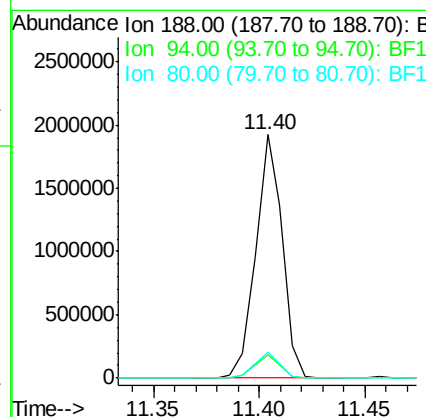
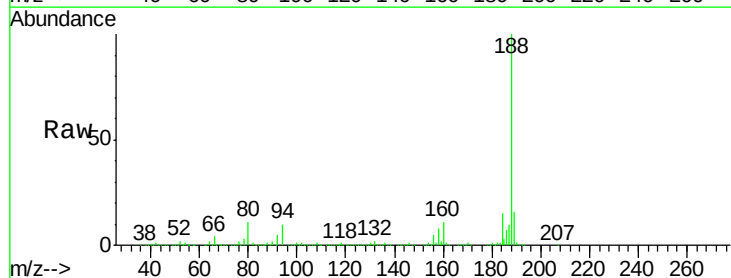
RT: 11.40 min Scan# 1584

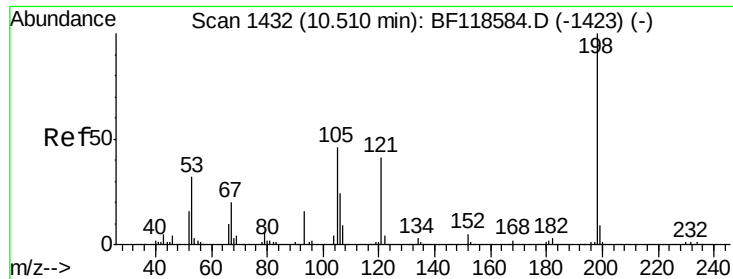
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.8	7.5	11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 6.749 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

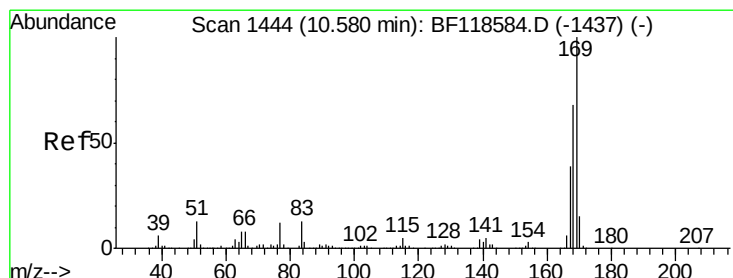
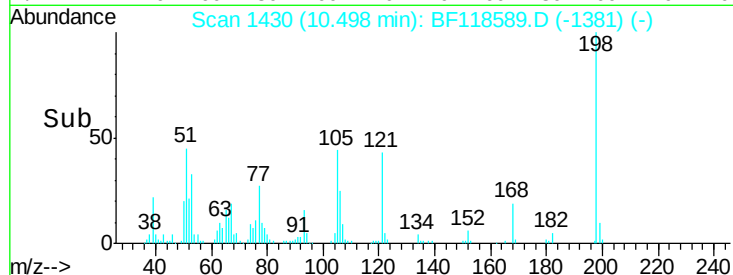
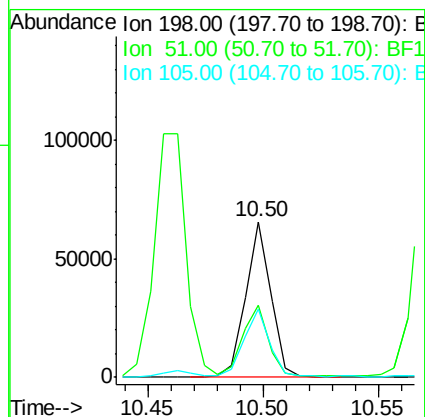
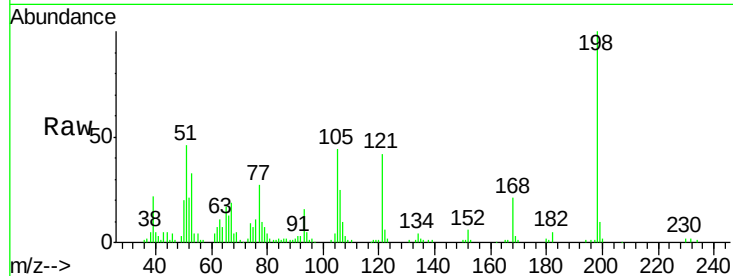
ClientSampleId :

SSTDIC010

Tot Ion:	198	Resp:	50285
Ion Ratio	Lower	Upper	
198	100		
51	46.0	25.2	65.2
105	43.7	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 9.783 ng

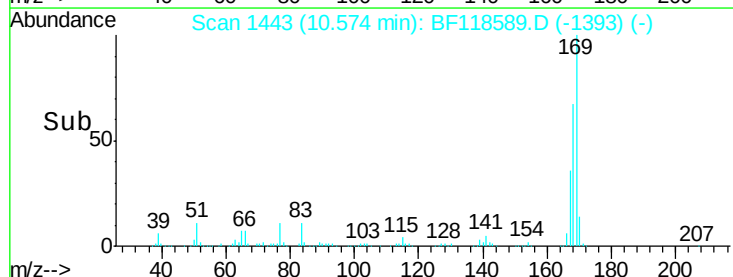
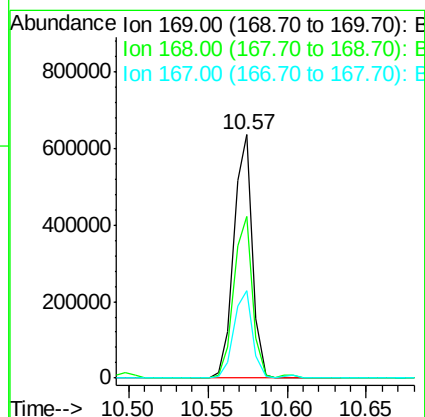
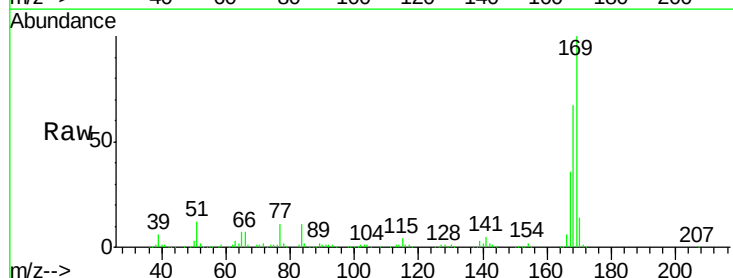
RT: 10.57 min Scan# 1443

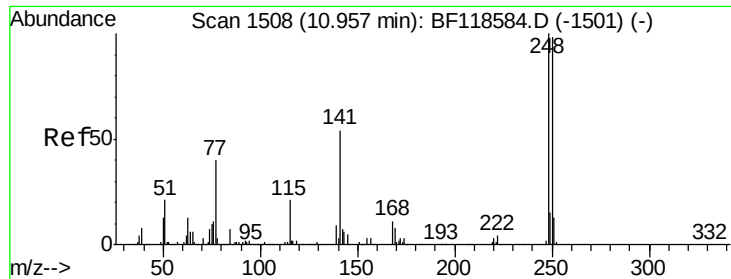
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	169	Resp:	514994
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.6	82.0
167	36.2	30.9	46.3





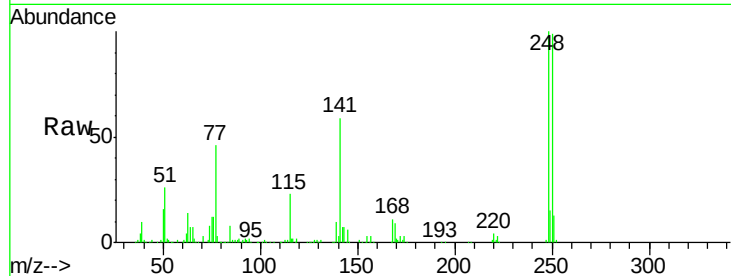
#67
4-Bromophenyl-phenylether
Concen: 9.260 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

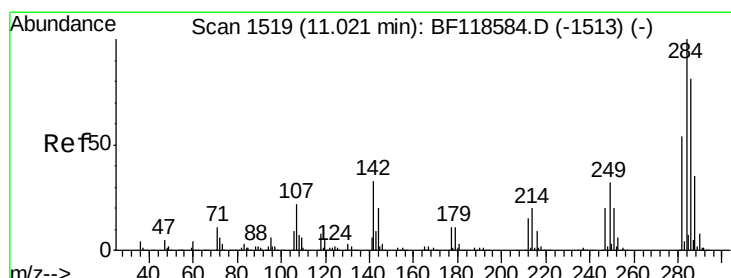
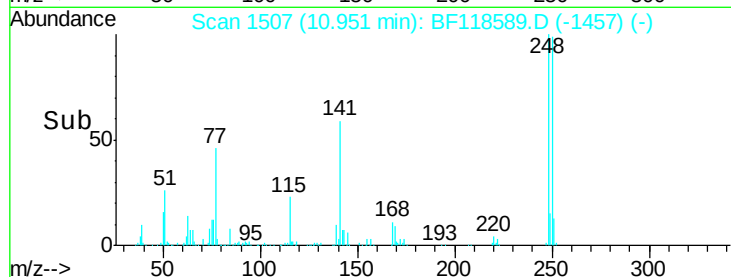
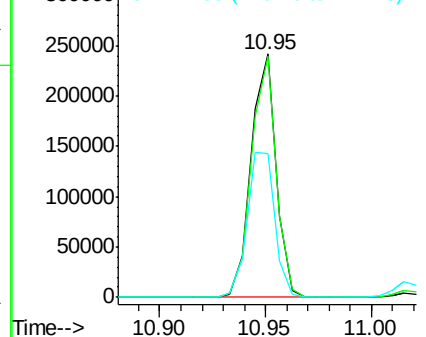
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.7	118.1
141	59.2	43.2	64.8

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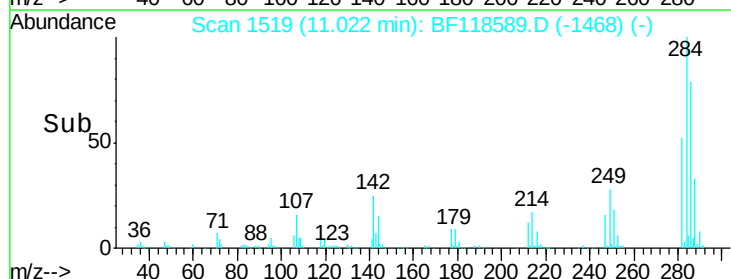
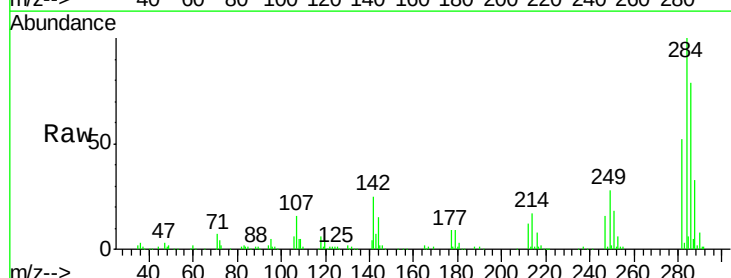
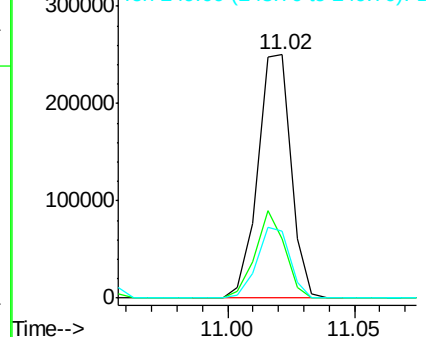
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

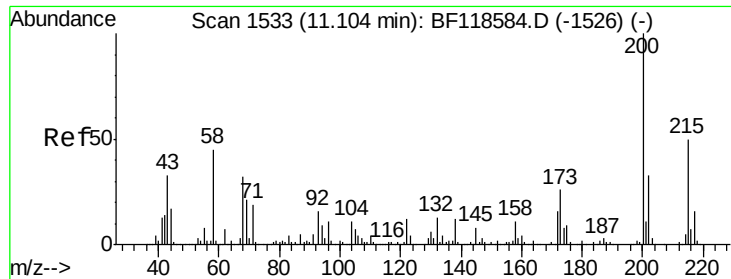


#68
Hexachlorobenzene
Concen: 9.453 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	26.6	39.8#
249	27.6	25.2	37.8

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





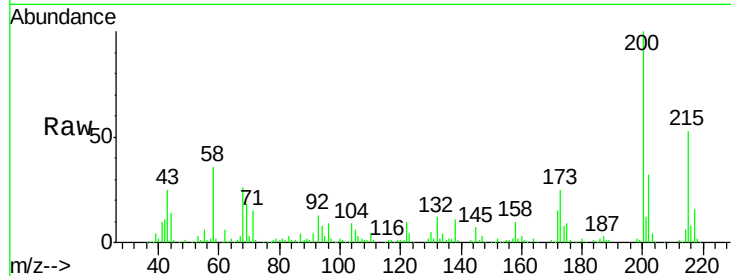
#69
Atrazine
Concen: 9.163 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
200	100	166167		
173	25.4	6.3	46.3	
215	52.6	30.2	70.2	

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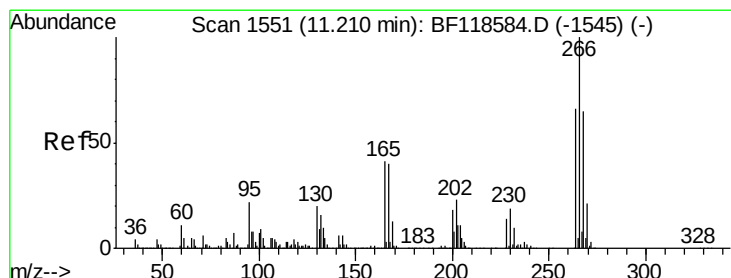
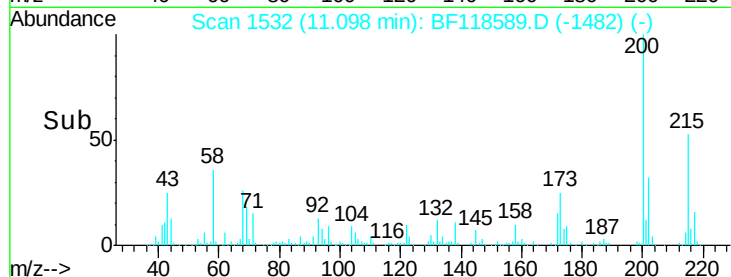
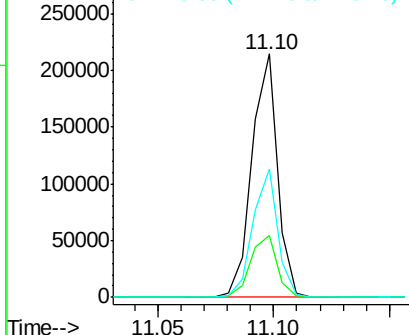


Abundance

Ion 200.00 (199.70 to 200.70): E

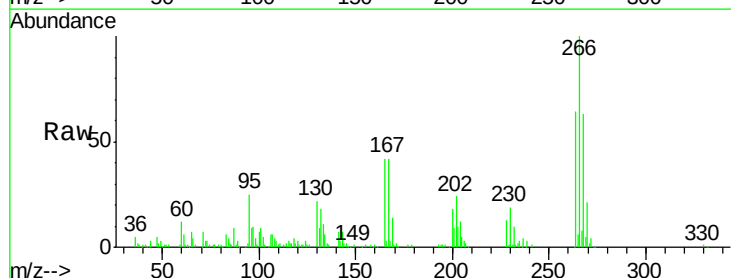
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 7.818 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	105187		
268	63.2	52.1	78.1	
264	63.6	52.4	78.6	

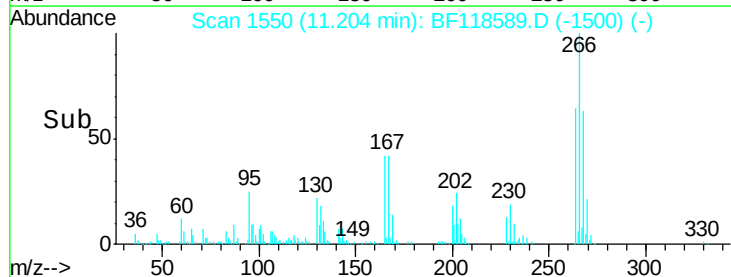
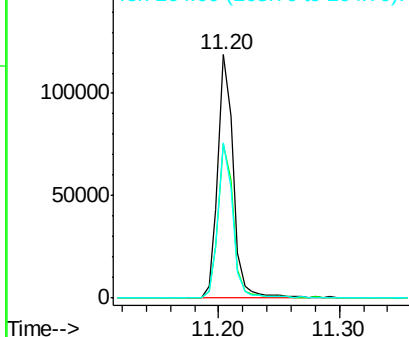


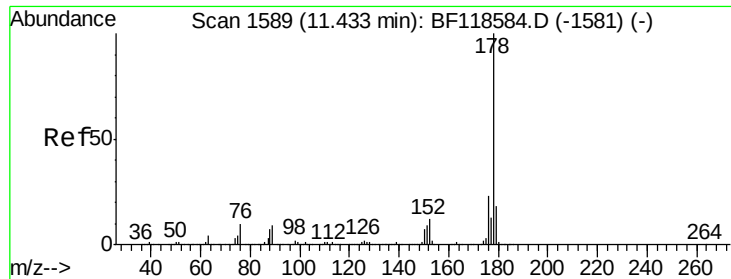
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 10.807 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

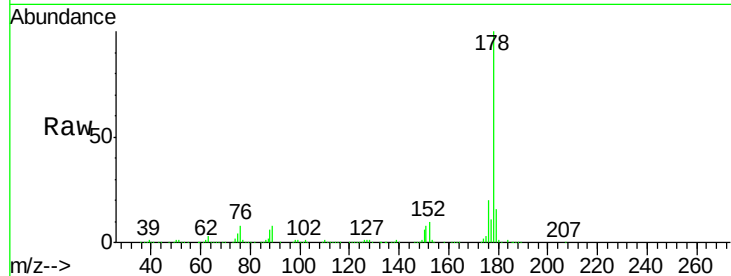
ClientSampleId :

SSTDIC010

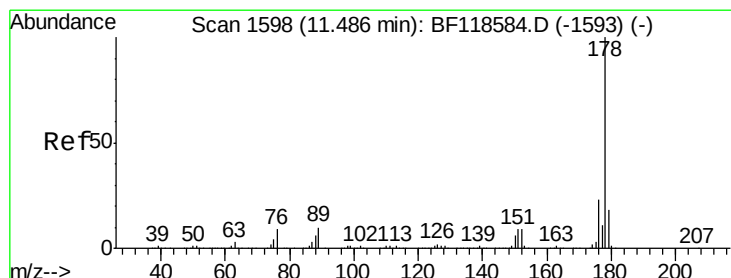
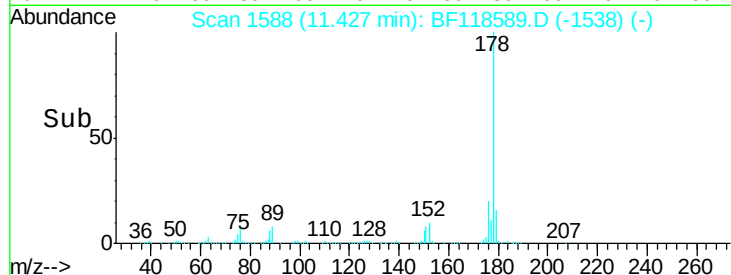
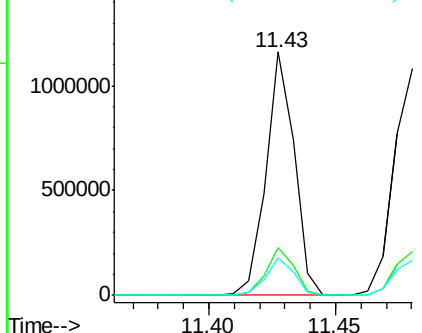
Tot Ion:178	Resp:	910740
Ion Ratio	Lower	Upper
178	100	
176	19.9	18.6 27.8
179	15.7	14.7 22.1

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



#72

Anthracene

Concen: 10.712 ng

RT: 11.48 min Scan# 1597

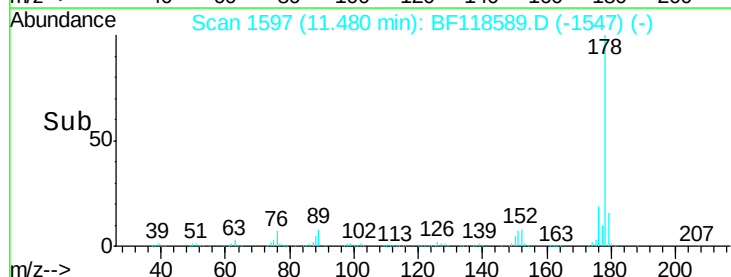
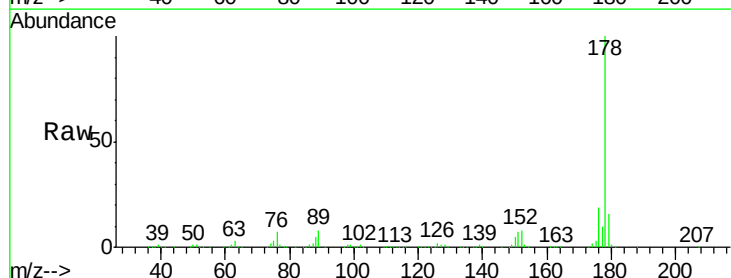
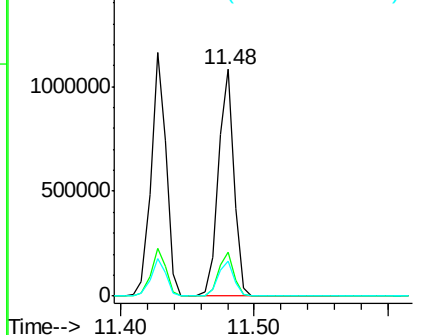
Delta R.T. -0.01 min

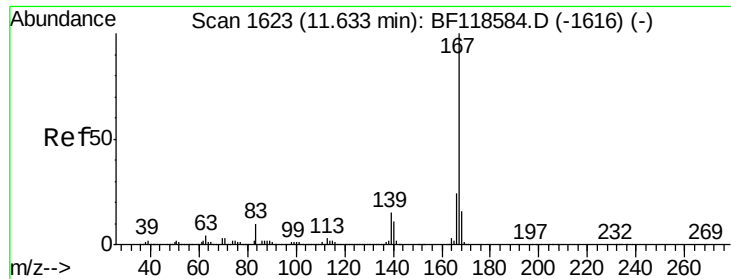
Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:178	Resp:	894173
Ion Ratio	Lower	Upper
178	100	
176	19.2	18.0 27.0
179	15.6	14.7 22.1

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





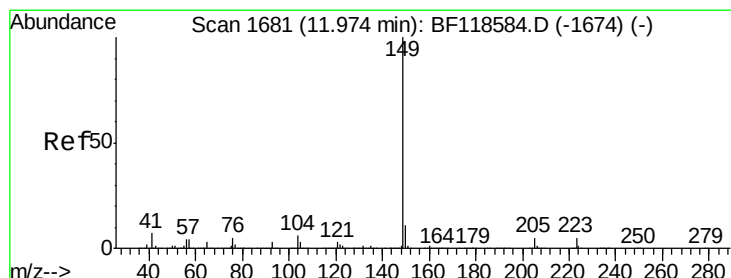
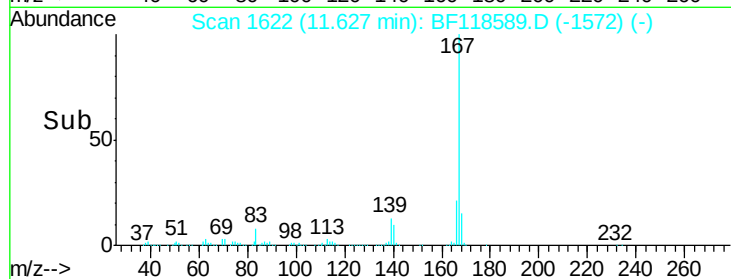
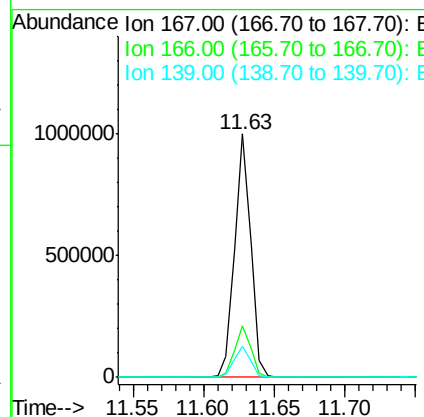
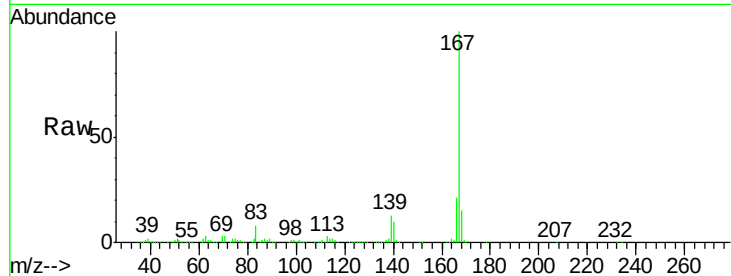
#73
 Carbazole
 Concen: 10.350 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.4	29.2
139	12.9	11.7	17.5

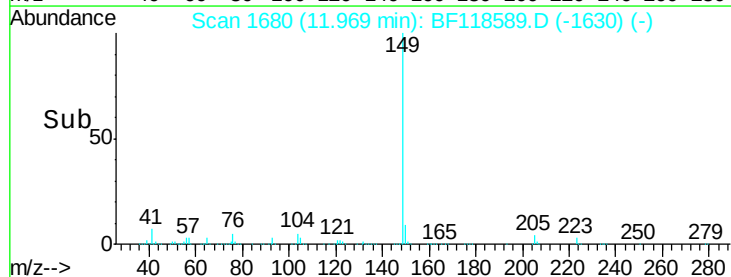
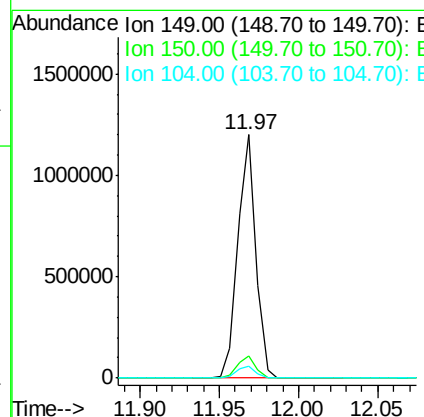
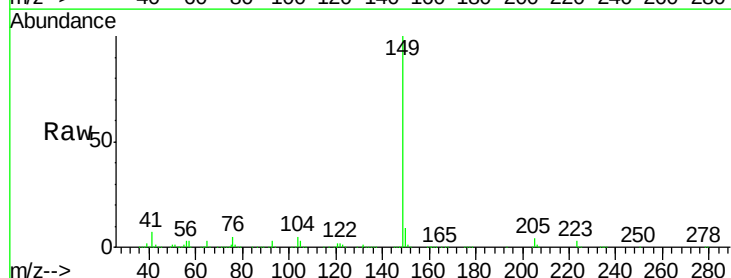
Manual Integrations
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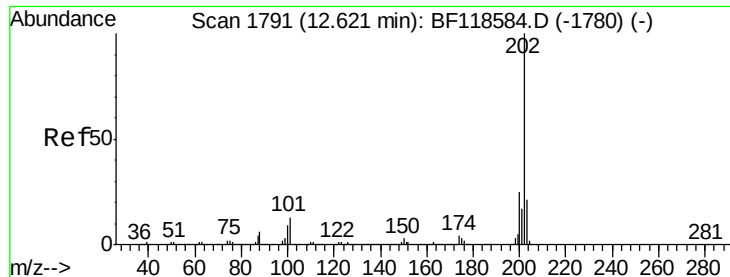
mohammad
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#74
 Di-n-butylphthalate
 Concen: 11.168 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.7	13.1
104	5.0	4.6	6.8





#75

Fluoranthene

Concen: 10.850 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

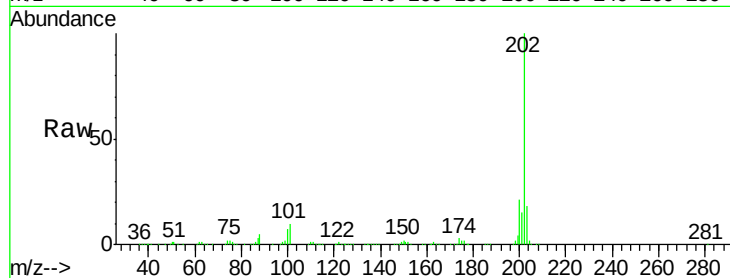
ClientSampleId :

SSTDIC010

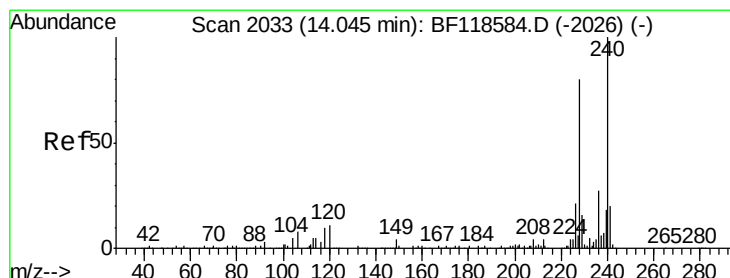
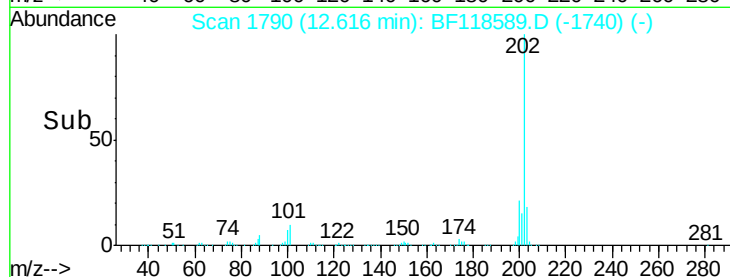
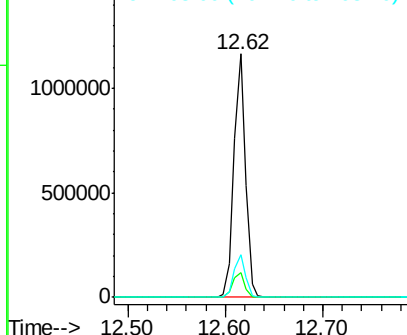
Tot Ion:	202	Resp:	960715
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.5
203	17.7	0.8	40.8

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



#76

Chrysene-d12

Concen: 20.000 ng

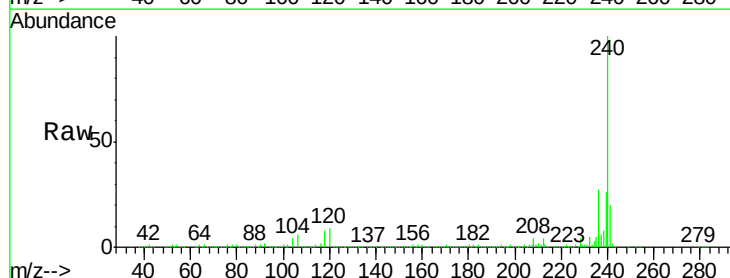
RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

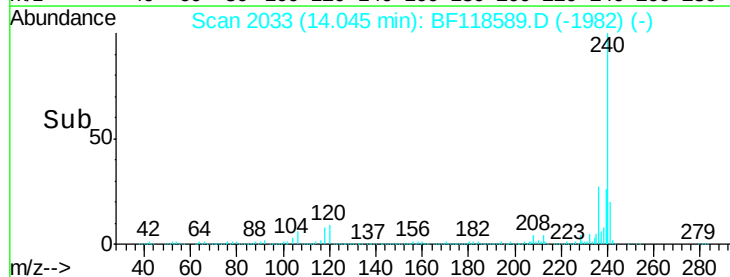
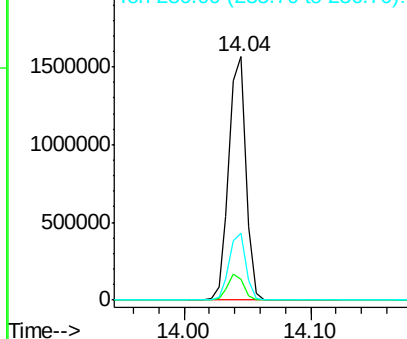
Lab File: BF118589.D

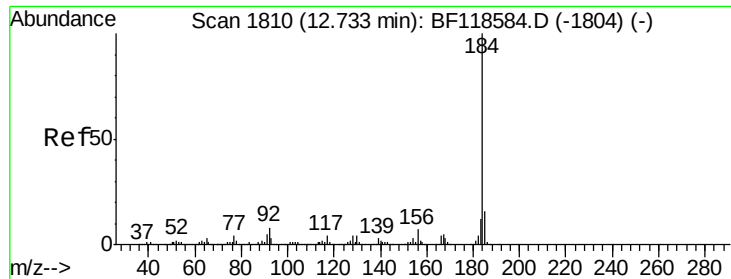
Acq: 20 Jan 2020 14:05

Tgt Ion:	240	Resp:	1461017
Ion Ratio	Lower	Upper	
240	100		
120	8.7	8.9	13.3#
236	27.3	21.5	32.3



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





#77

Benzidine

Concen: 8.095 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

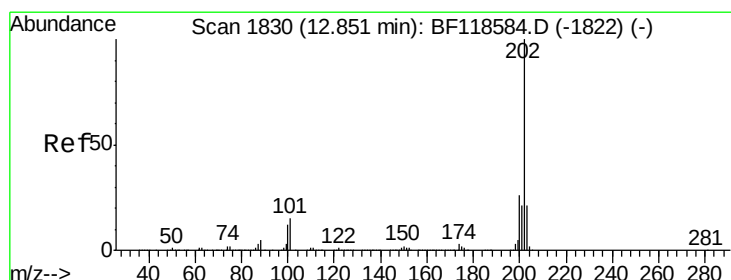
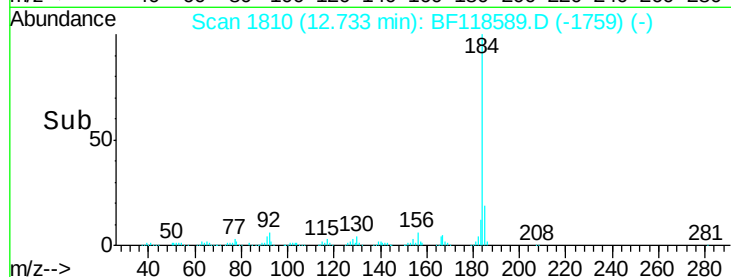
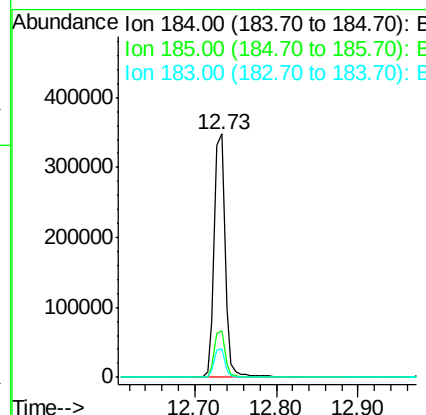
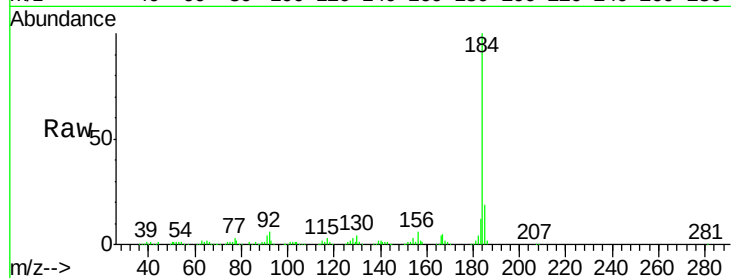
ClientSampleId :

SSTDICC010

Tot Ion:	184	Resp:	326076
Ion Ratio	Lower	Upper	
184	100		
185	19.3	12.9	19.3
183	11.5	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 9.593 ng

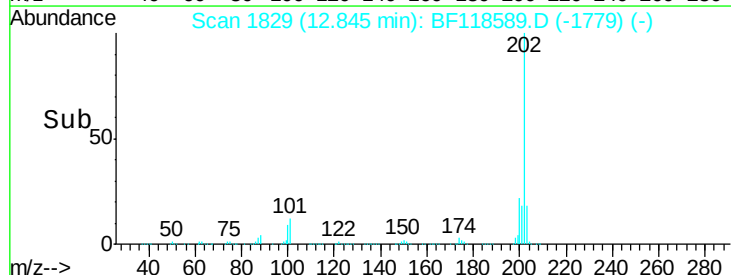
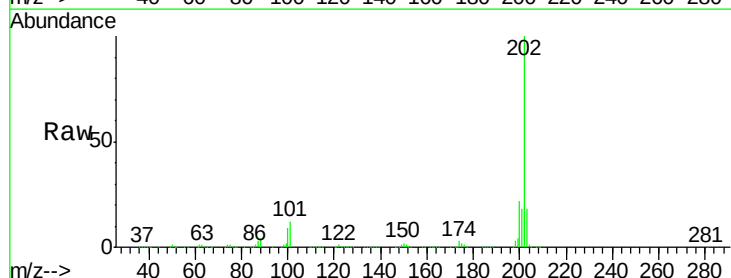
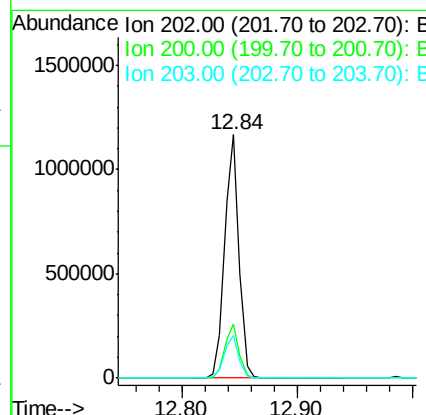
RT: 12.84 min Scan# 1829

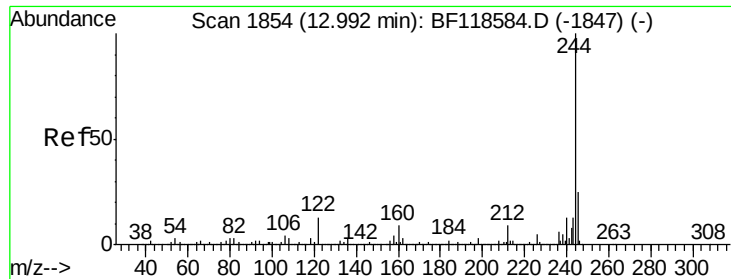
Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	202	Resp:	995249
Ion Ratio	Lower	Upper	
202	100		
200	22.0	20.6	31.0
203	17.7	16.8	25.2





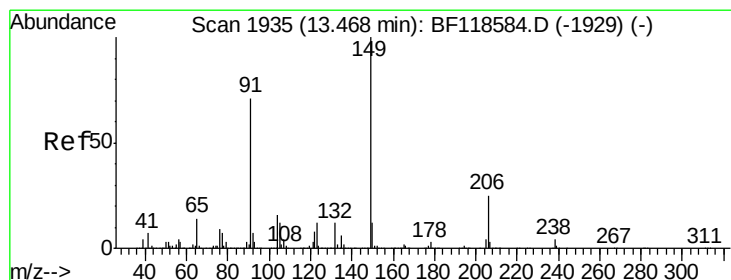
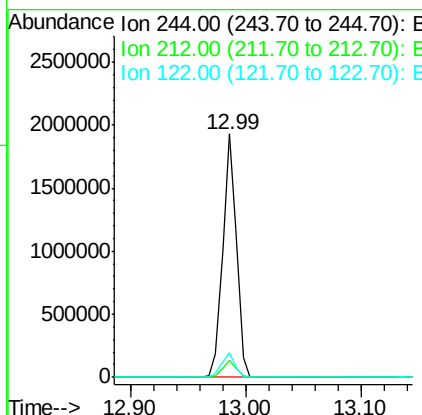
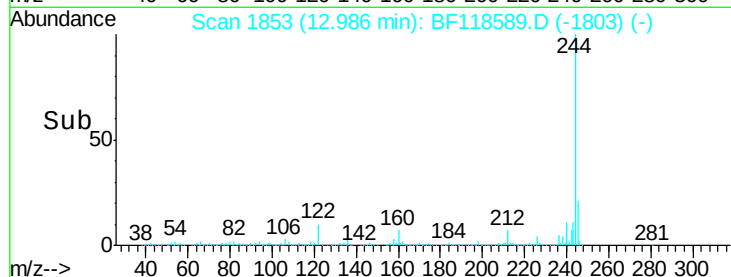
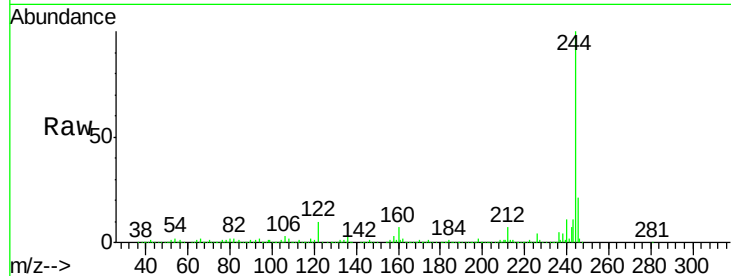
#79
 Terphenyl-d14
 Concen: 22.600 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:244 Resp: 1584395
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 10.3 10.7 16.1#

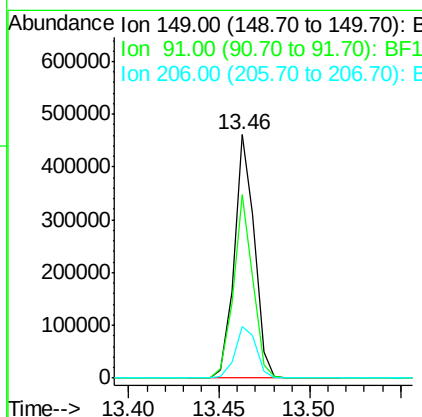
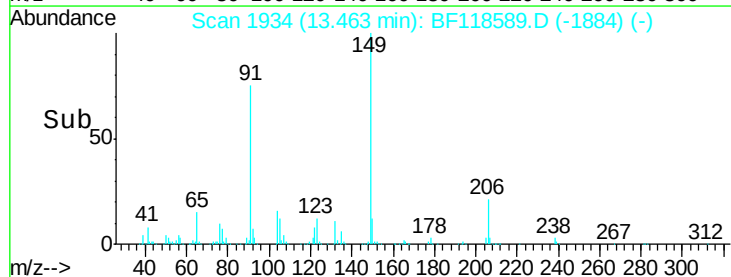
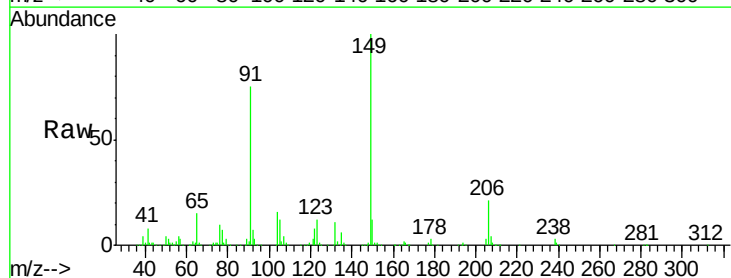
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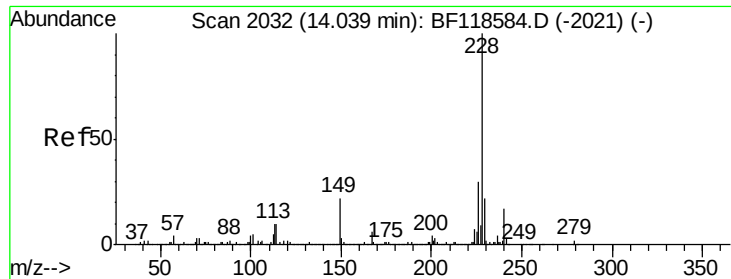
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#80
 Butylbenzylphthalate
 Concen: 8.497 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118589.D
 Acq: 20 Jan 2020 14:05

Tgt Ion:149 Resp: 354630
 Ion Ratio Lower Upper
 149 100
 91 75.1 56.5 84.7
 206 21.1 19.9 29.9





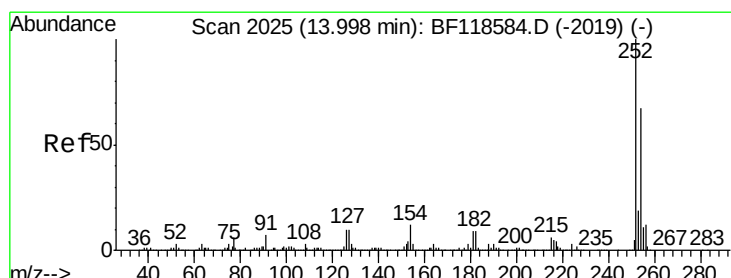
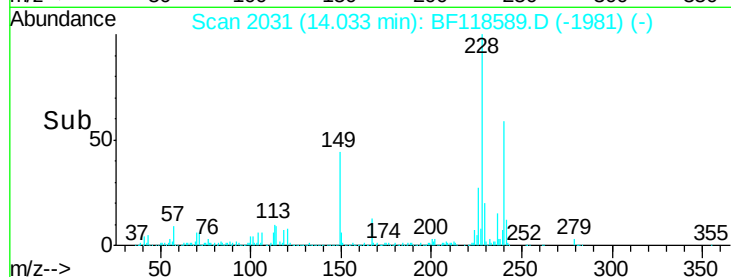
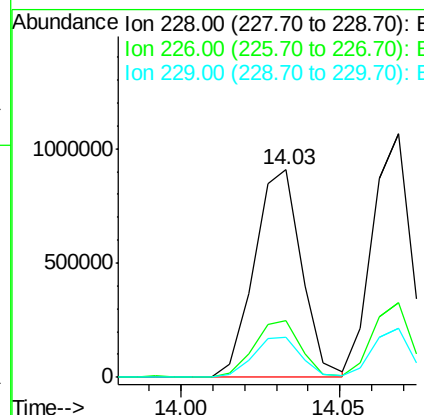
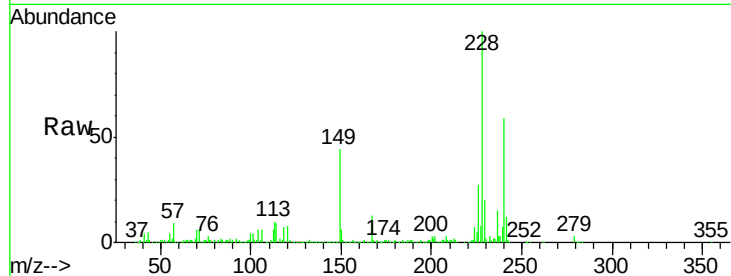
#81
Benzo(a)anthracene
Concen: 10.310 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.1	36.1
229	19.6	17.6	26.4

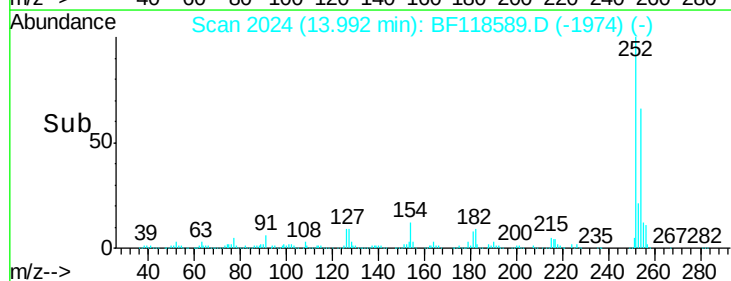
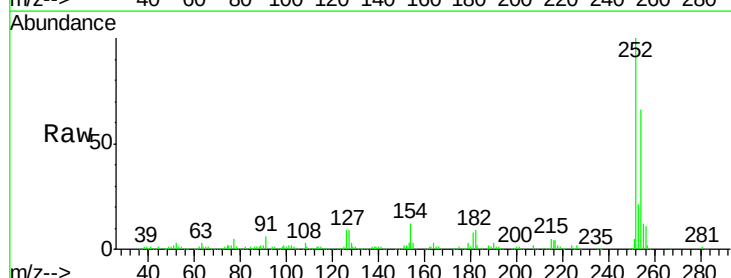
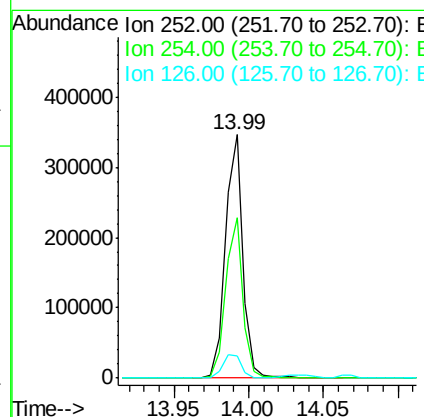
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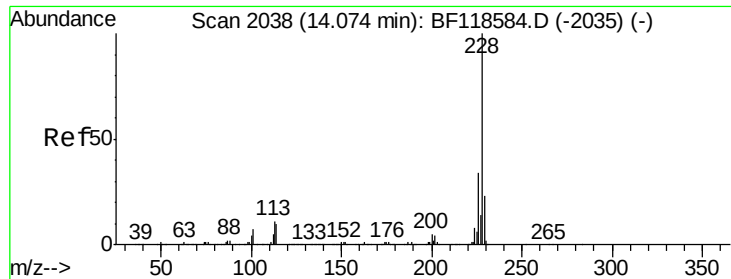
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#82
3,3'-Dichlorobenzidine
Concen: 8.694 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.4	80.2
126	9.2	8.0	12.0





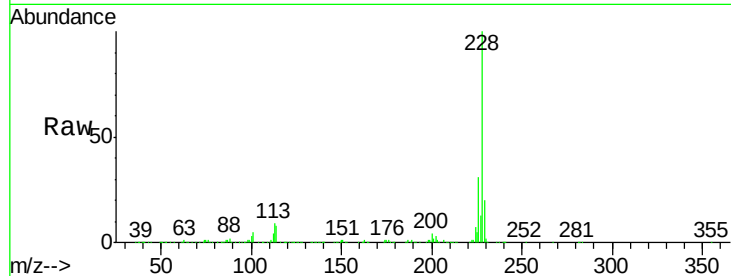
#83
Chrysene
Concen: 10.247 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

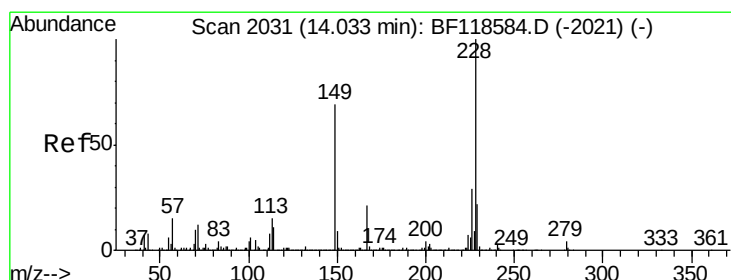
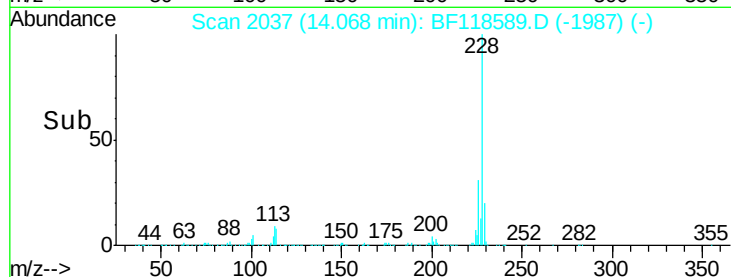
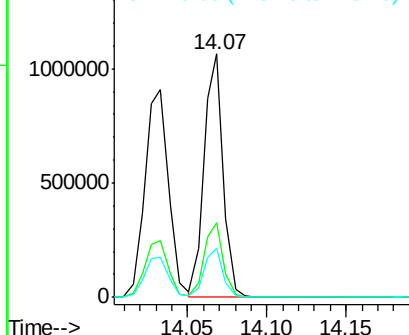
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.4	41.0
229	20.1	18.3	27.5

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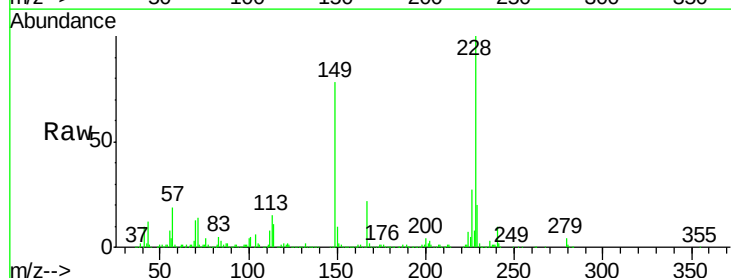


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

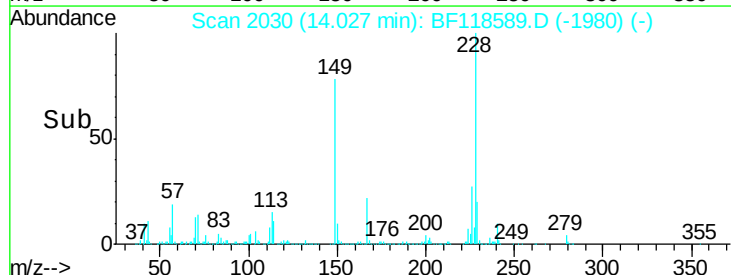
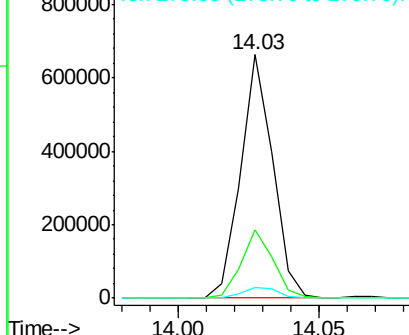


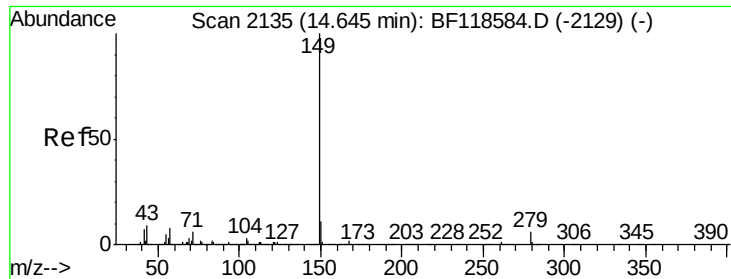
#84
Bis(2-ethylhexyl)phthalate
Concen: 10.365 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.2	36.4
279	4.6	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





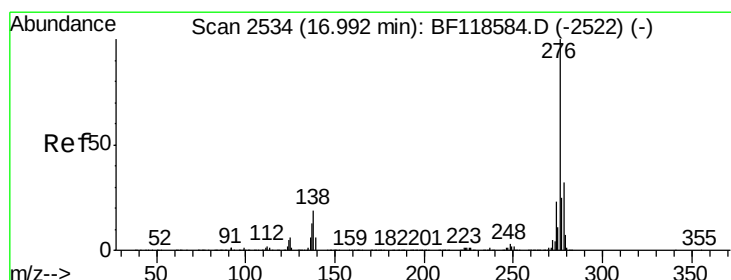
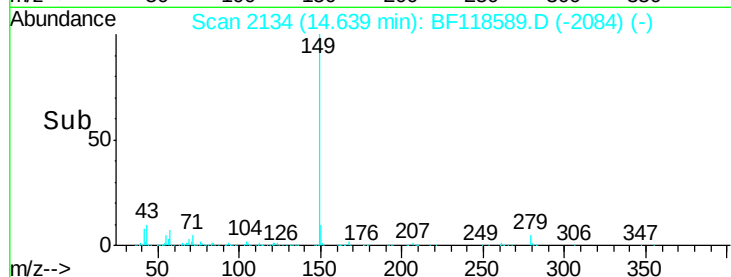
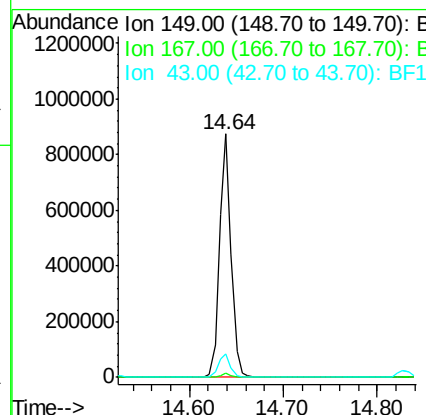
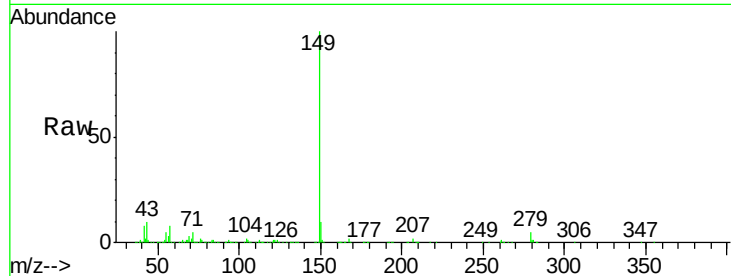
#85
Di-n-octyl phthalate
Concen: 10.294 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	9.8	8.1	12.1

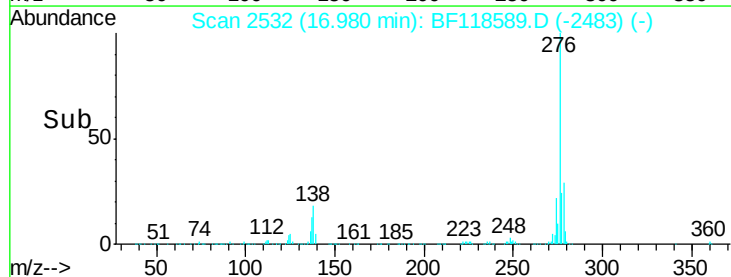
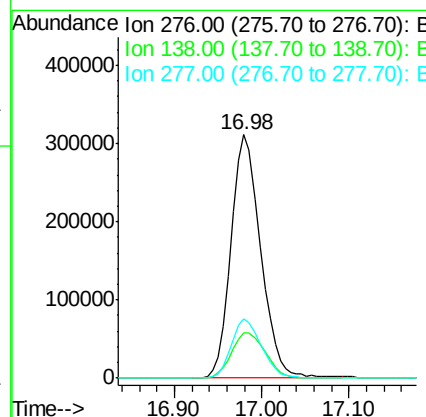
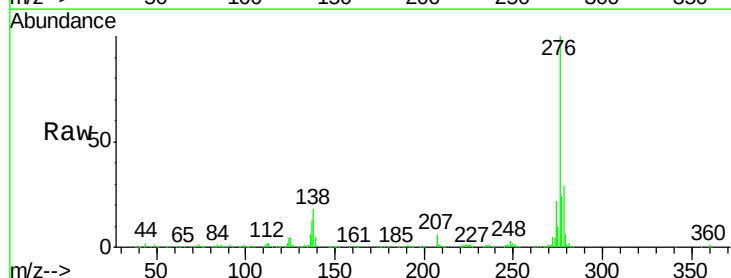
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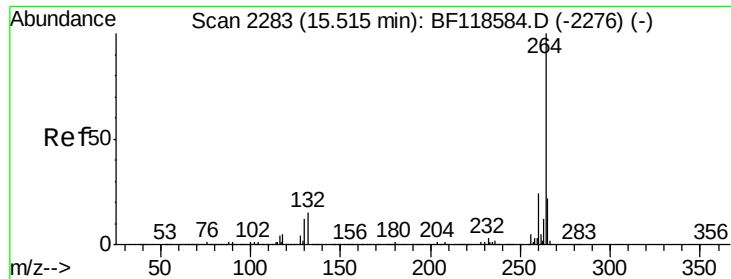
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#86
Indeno(1,2,3-cd)pyrene
Concen: 9.652 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.2	25.8
277	25.0	20.5	30.7





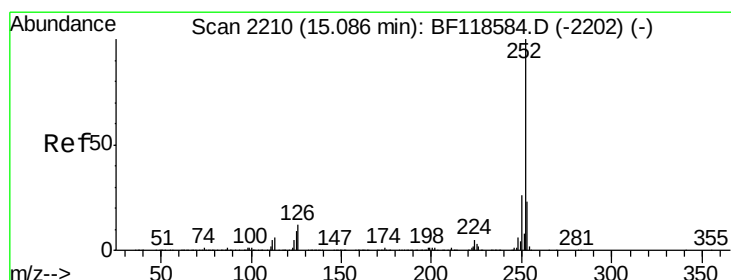
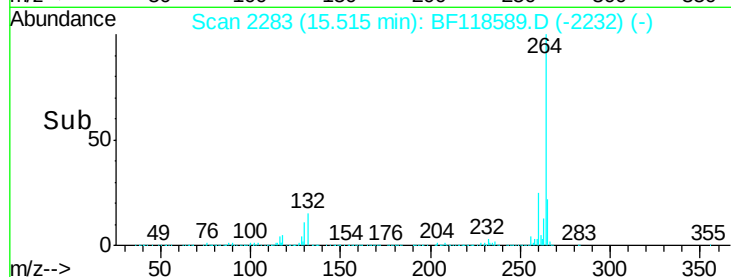
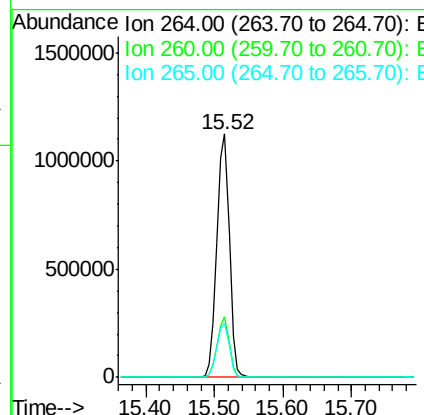
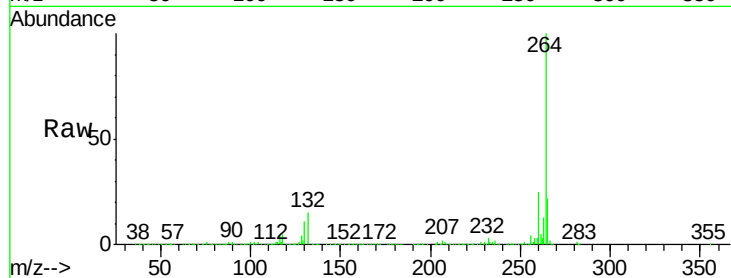
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.4	17.7	26.5

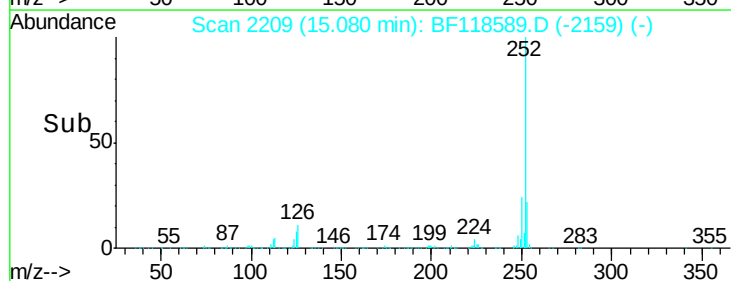
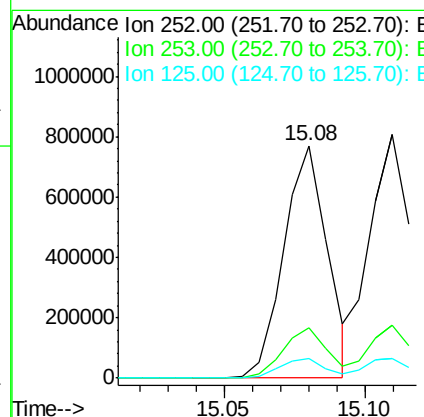
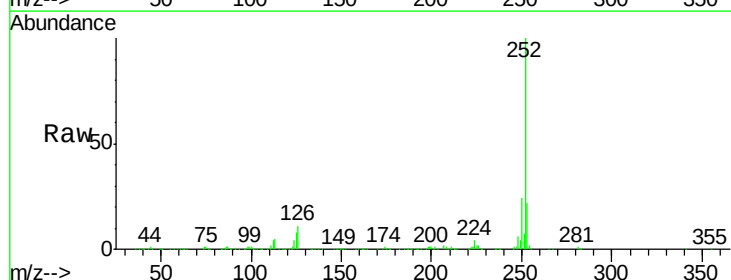
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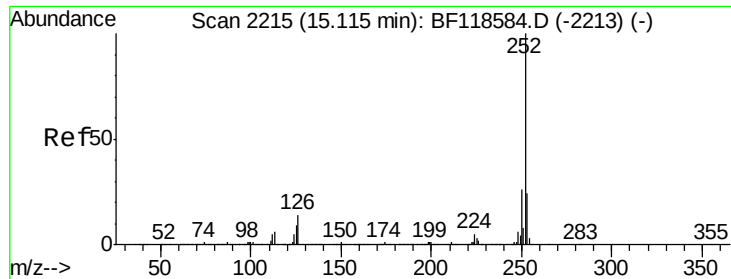
mohammad
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#88
Benzo(b)fluoranthene
Concen: 8.789 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	8.4	7.3	10.9





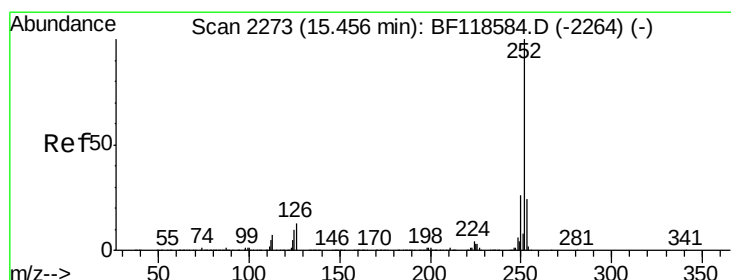
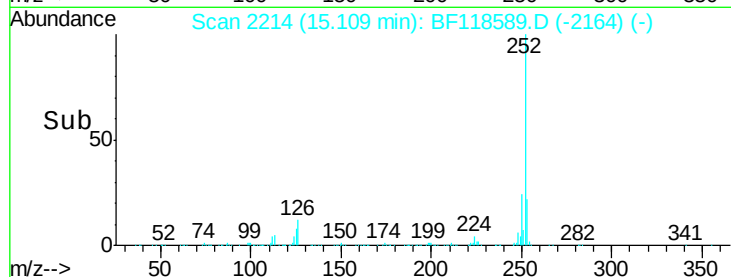
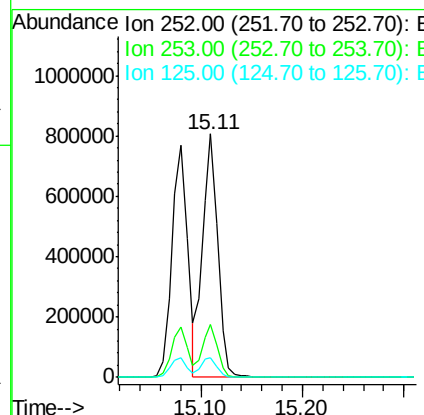
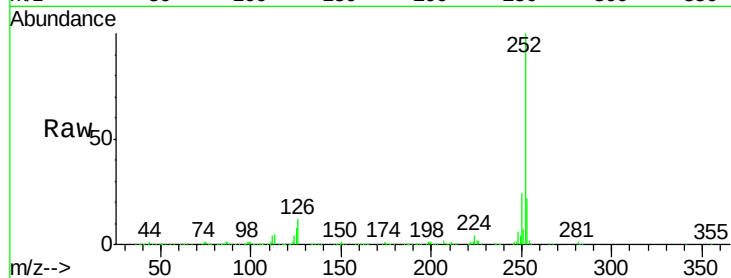
#89
Benzo(k)fluoranthene
Concen: 9.781 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	8.2	7.6	11.4

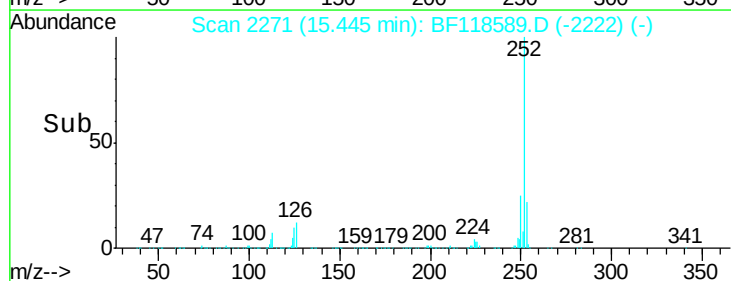
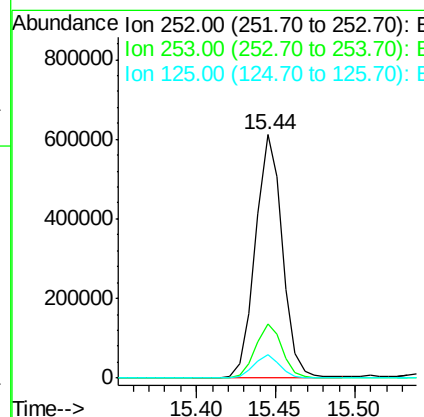
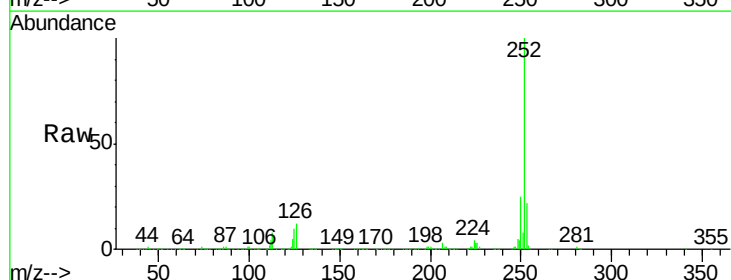
Manual Integrations
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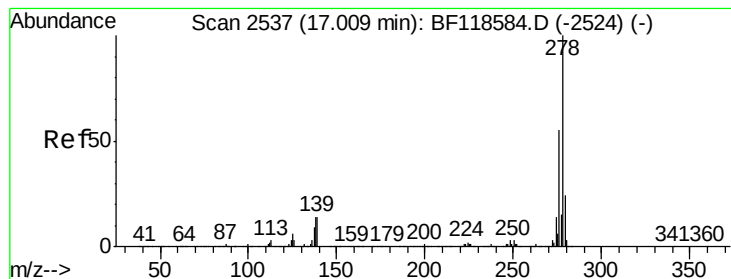
mohammad
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#90
Benzo(a)pyrene
Concen: 9.062 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118589.D
Acq: 20 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.8	28.2
125	9.9	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 8.592 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Instrument :

BNA_F

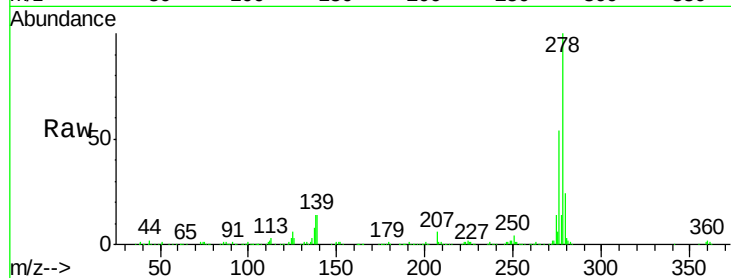
ClientSampleId :

SSTDICC010

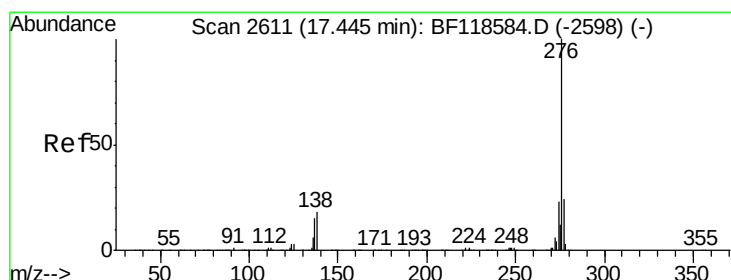
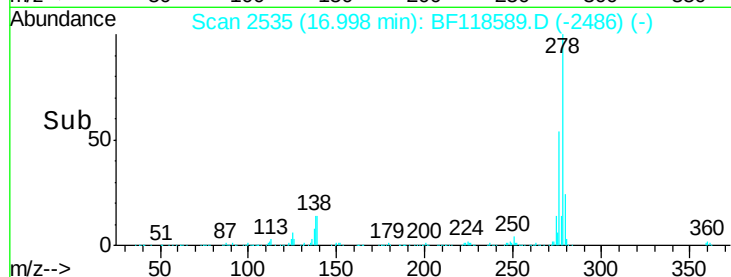
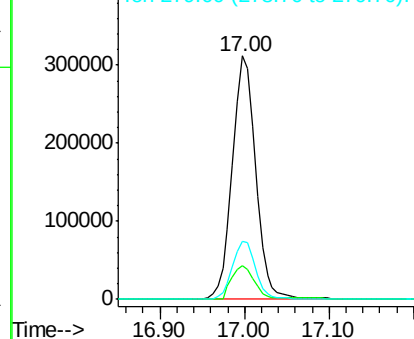
Tot Ion:	278	Resp:	598862
Ion Ratio	Lower	Upper	
278	100		
139	14.1	11.4	17.0
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:58 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.158 ng

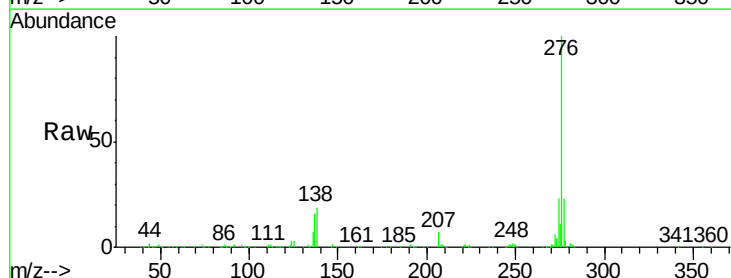
RT: 17.42 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BF118589.D

Acq: 20 Jan 2020 14:05

Tgt Ion:	276	Resp:	552163
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	19.1	14.4	21.6



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

