

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111485.D
 Acq On : 15 Dec 2018 23:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/17/2018 3:12:28 PM

Quant Time: Dec 16 02:50:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135500	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	491348	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	183226	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	322880	20.00	ng	0.00
76) Chrysene-d12	13.96	240	318140	20.00	ng	0.00
87) Perylene-d12	15.39	264	216413	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	725515	89.10	ng	0.00
7) Phenol-d6	6.44	99	862710	79.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	733835	88.94	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	134163	81.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1181782	99.63	ng	0.00
79) Terphenyl-d14	12.90	244	1087312	80.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	164001	41.701	ng	94
3) Pyridine	3.20	79	423262	42.852	ng	95
4) n-Nitrosodimethylamine	3.14	42	191739	42.737	ng	88
6) Aniline	6.46	93	531779	39.580	ng	# 82
8) 2-Chlorophenol	6.59	128	397555	40.862	ng	94
9) Benzaldehyde	6.34	77	253201	38.541	ng	98
10) Phenol	6.45	94	479588	39.748	ng	77
11) bis(2-Chloroethyl)ether	6.53	93	382200	40.408	ng	99
12) 1,3-Dichlorobenzene	6.74	146	436749	40.780	ng	98
13) 1,4-Dichlorobenzene	6.82	146	444075	40.851	ng	98
14) 1,2-Dichlorobenzene	6.97	146	409476	40.039	ng	98
15) Benzyl Alcohol	6.94	79	312835	37.959	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	728586	39.452	ng	99
17) 2-Methylphenol	7.06	107	292917	37.409	ng	98
18) Hexachloroethane	7.31	117	136520	33.745	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	257206	35.994	ng	94
20) 3+4-Methylphenols	7.21	107	366835	37.349	ng	# 79
22) Acetophenone	7.20	105	504518	45.997	ng	# 92
24) Nitrobenzene	7.37	77	367410	43.650	ng	98
25) Isophorone	7.62	82	563090	40.332	ng	100
26) 2-Nitrophenol	7.69	139	130873	29.981	ng	99
27) 2,4-Dimethylphenol	7.73	122	267799	42.318	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	415814	43.143	ng	97
29) 2,4-Dichlorophenol	7.94	162	262782	38.900	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	299098	42.294	ng	97
31) Naphthalene	8.10	128	942046	40.992	ng	97
32) Benzoic acid	7.86	122	61466m	11.240	ng	
33) 4-Chloroaniline	8.15	127	400764	39.217	ng	99
34) Hexachlorobutadiene	8.22	225	172655	44.315	ng	97
35) Caprolactam	8.50	113	77933	31.072	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	251381	33.807	ng	97
37) 2-Methylnaphthalene	8.79	142	563608	36.243	ng	99
38) 1-Methylnaphthalene	8.89	142	533786	35.530	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	246536	49.064	ng	97

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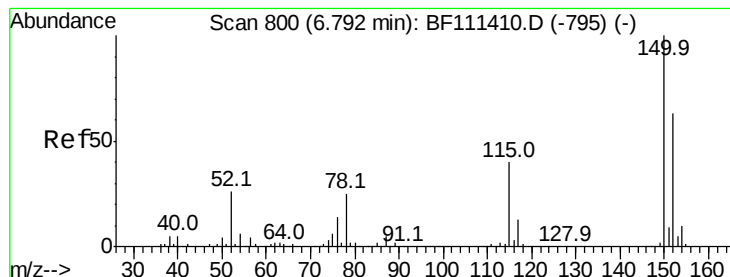
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	8209	3.182	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	145649	40.955	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	150565	39.786	nq	97
46) 1,1'-Biphenyl	9.26	154	716186	46.131	nq	92
47) 2-Chloronaphthalene	9.28	162	533637	45.220	nq	93
48) 2-Nitroaniline	9.37	65	163945	42.787	nq	98
49) Acenaphthylene	9.69	152	737494	42.103	nq	95
50) Dimethylphthalate	9.55	163	568511	43.083	nq	97
51) 2,6-Dinitrotoluene	9.61	165	111747	37.623	nq	93
52) Acenaphthene	9.86	154	436797	39.453	nq	98
53) 3-Nitroaniline	9.78	138	151455	41.981	nq	93
55) Dibenzofuran	10.03	168	664182	41.329	nq	97
56) 4-Nitrophenol	9.95	139	95725	38.341	nq	97
57) 2,4-Dinitrotoluene	10.02	165	131056	33.618	nq	97
58) Fluorene	10.38	166	478689	41.067	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	111262	37.629	nq	99
60) Diethylphthalate	10.25	149	563395	42.150	nq	96
61) 4-Chlorophenyl-phenylether	10.37	204	235194	41.241	nq	96
62) 4-Nitroaniline	10.39	138	153021	42.846	nq	92
63) Azobenzene	10.53	77	506301	38.422	nq	96
66) n-Nitrosodiphenylamine	10.49	169	451243	40.527	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	138905	39.915	nq	95
68) Hexachlorobenzene	10.93	284	143483	40.083	nq	98
69) Atrazine	11.02	200	120959	37.590	nq	95
70) Pentachlorophenol	11.12	266	71990	32.788	nq	99
71) Phenanthrene	11.34	178	706606	42.471	nq	94
72) Anthracene	11.39	178	746819	43.892	nq	94
73) Carbazole	11.55	167	800396	45.490	nq	95
74) Di-n-butylphthalate	11.88	149	872858	44.544	nq	# 95
75) Fluoranthene	12.53	202	829836	50.984	nq	96
77) Benzdine	12.65	184	482435	41.252	nq	97
78) Pyrene	12.76	202	888270	39.602	nq	95
80) Butylbenzylphthalate	13.37	149	438495	40.107	nq	92
81) Benzo(a)anthracene	13.94	228	711378	41.124	nq	97
82) 3,3'-Dichlorobenzidine	13.90	252	298715	42.478	nq	97
83) Chrysene	13.98	228	727489	39.921	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	616773	44.168	nq	98
85) Di-n-octyl phthalate	14.55	149	1102878	46.823	nq	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	451084	34.298	nq	96
88) Benzo(b)fluoranthene	14.98	252	524550	41.574	nq	98
89) Benzo(k)fluoranthene	15.01	252	530364	43.992	nq	98
90) Benzo(a)pyrene	15.33	252	471208	41.415	nq	# 96
91) Dibenzo(a,h)anthracene	16.83	278	386100	43.019	nq	96
92) Benzo(g,h,i)perylene	17.24	276	377023	42.796	nq	94

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



#1

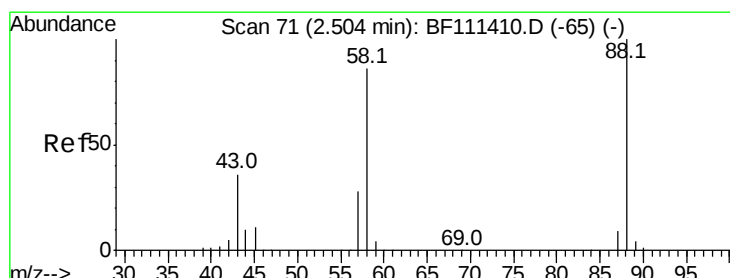
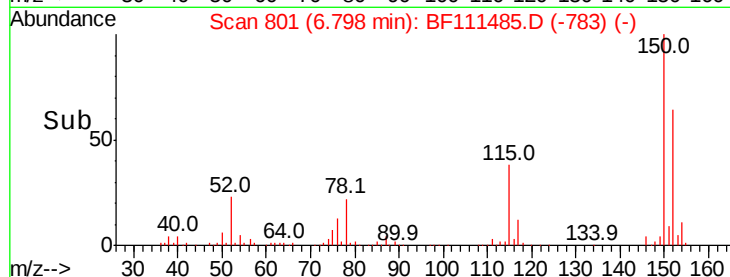
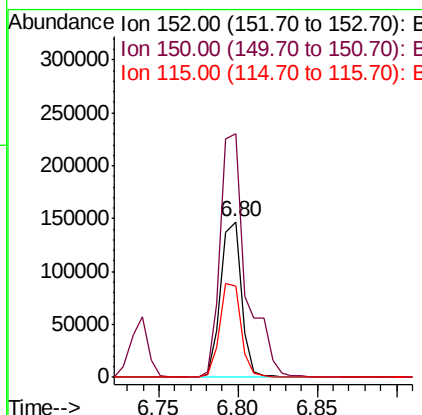
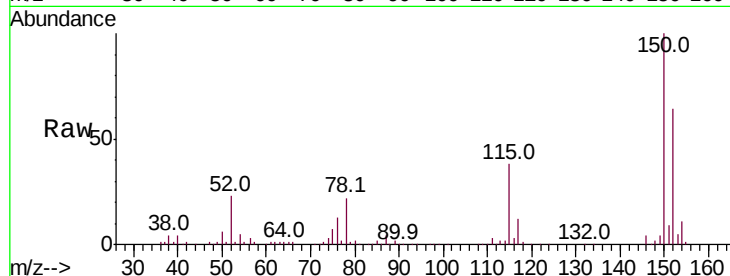
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	58.9	50.7	76.1

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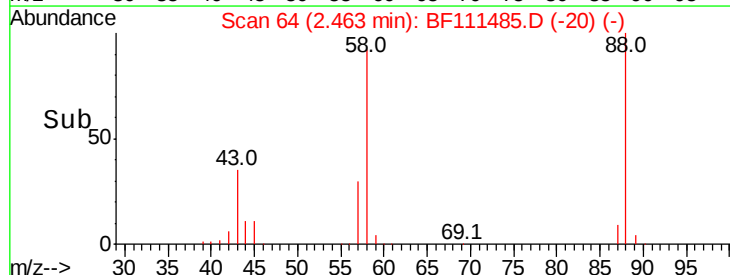
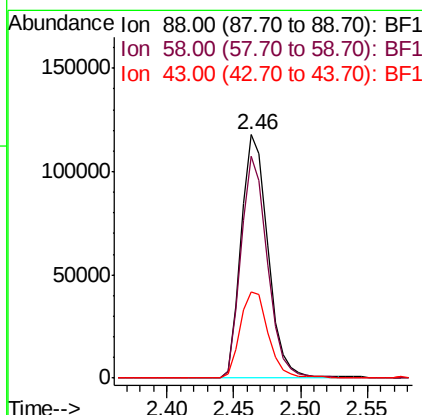
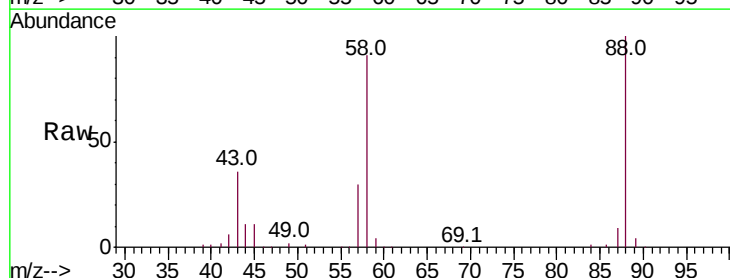
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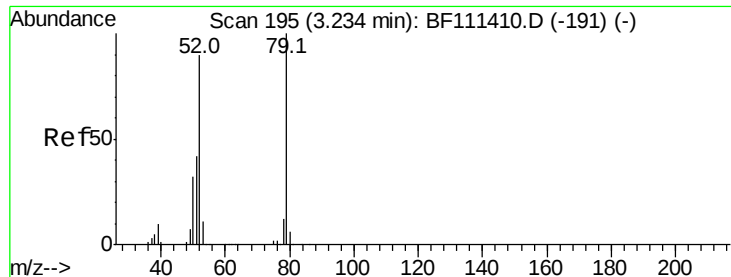


#2

1,4-Dioxane
Concen: 41.701 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.04 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.0	68.9	103.3
43	37.3	25.8	38.6





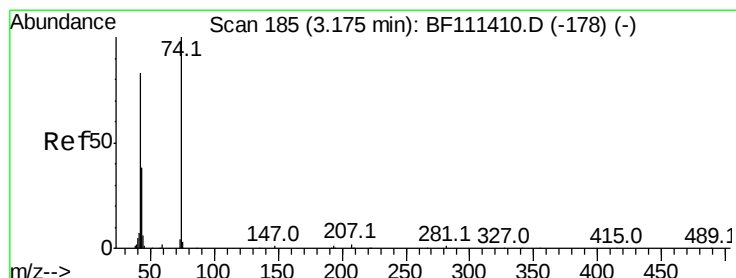
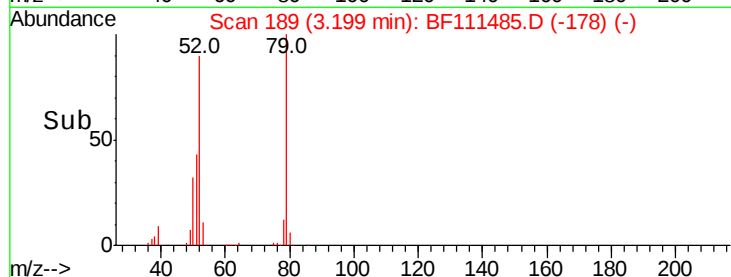
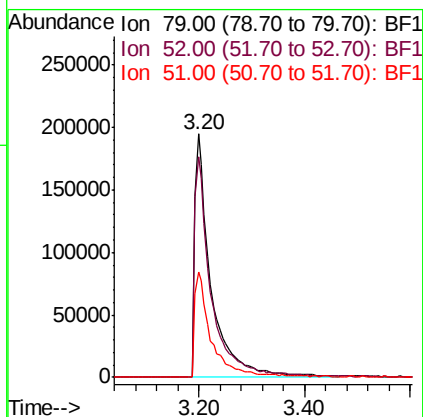
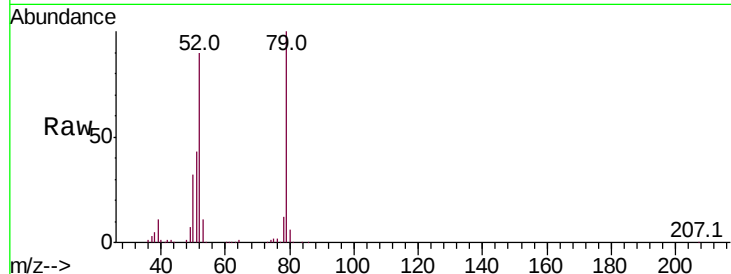
#3
Pvridine
Concen: 42.852 ng
RT: 3.20 min Scan# 189
Delta R.T. -0.04 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 423262
Ion Ratio Lower Upper
79 100
52 90.4 68.3 102.5
51 43.3 32.6 49.0

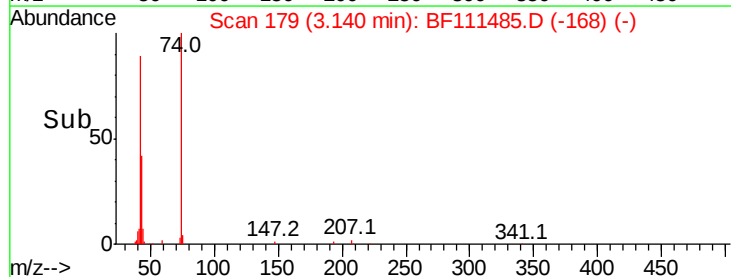
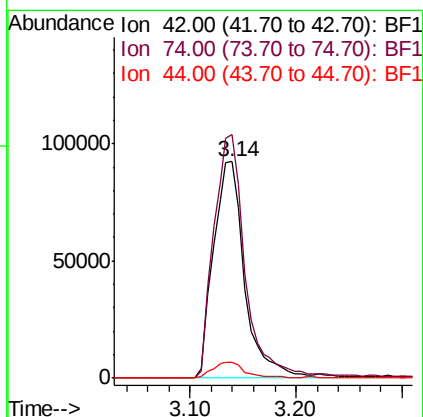
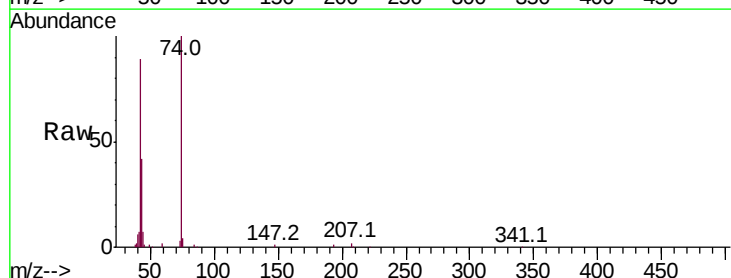
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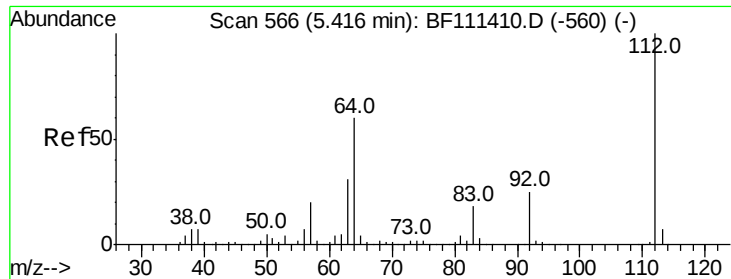
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#4
n-Nitrosodimethylamine
Concen: 42.737 ng
RT: 3.14 min Scan# 179
Delta R.T. -0.04 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion: 42 Resp: 191739
Ion Ratio Lower Upper
42 100
74 112.4 101.5 152.3
44 7.5 6.0 9.0





#5

2-Fluorophenol

Concen: 89.100 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

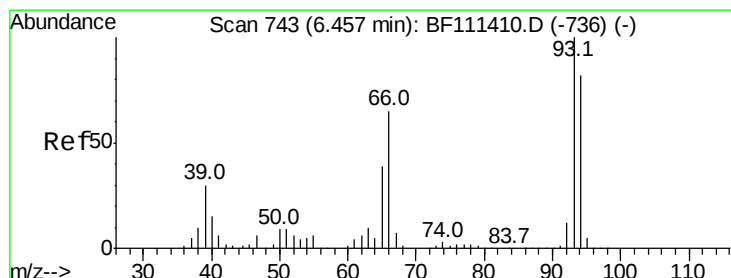
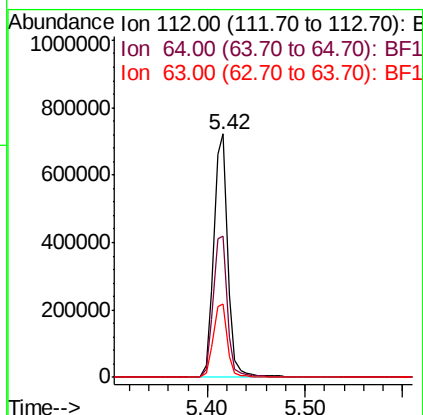
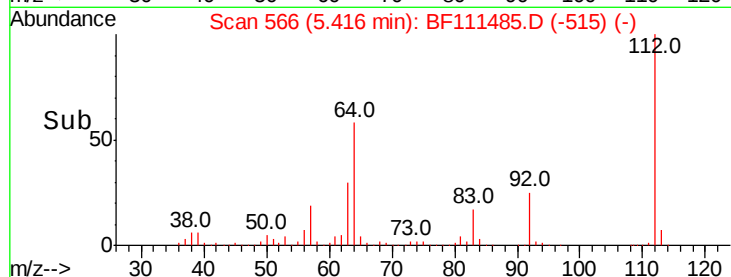
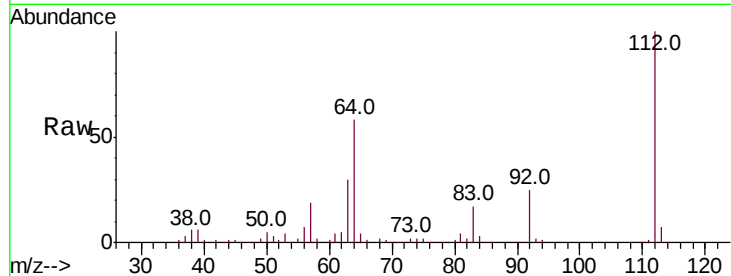
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	725515
Ion Ratio	Lower	Upper	
112	100		
64	58.0	51.8	77.6
63	30.2	26.8	40.2

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#6

Aniline

Concen: 39.580 ng

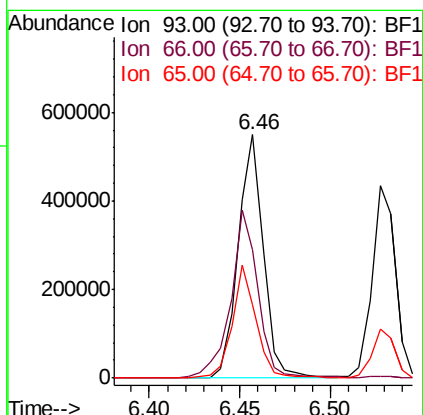
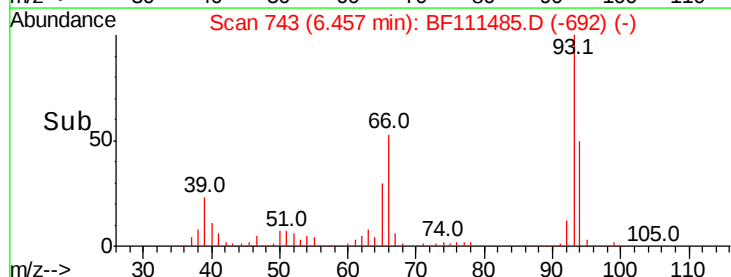
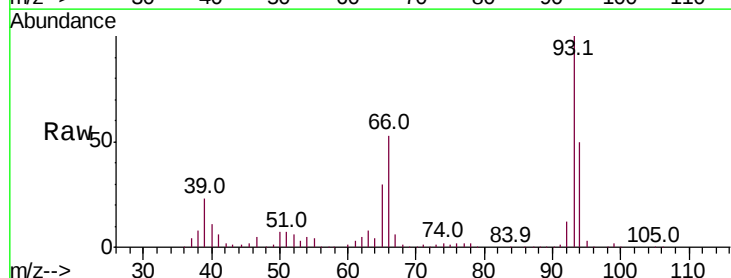
RT: 6.46 min Scan# 743

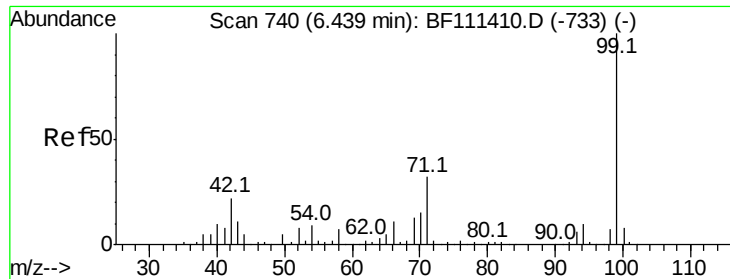
Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion:	93	Resp:	531779
Ion Ratio	Lower	Upper	
93	100		
66	52.5	33.2	49.8#
65	30.3	17.0	25.4#





#7

Phenol-d6

Concen: 79.650 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

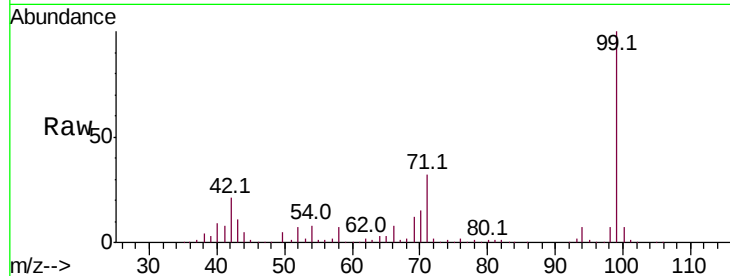
ClientSampleId :

SSTDCCC040

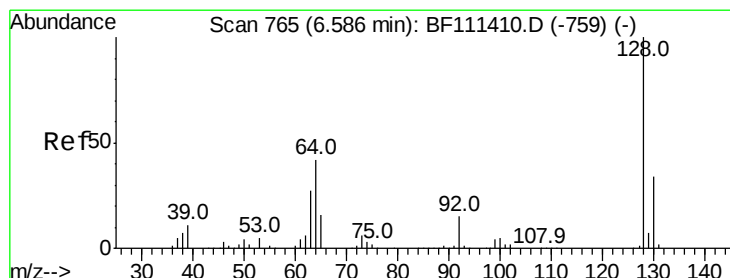
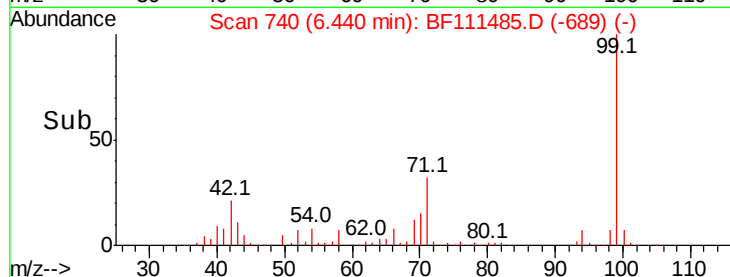
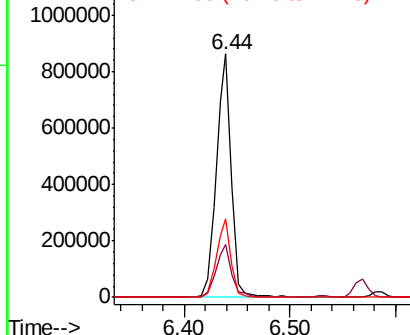
Tot Ion:	99	Resp:	862710
Ion Ratio	Lower	Upper	
99	100		
42	21.5	17.4	26.0
71	32.3	26.1	39.1

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.862 ng

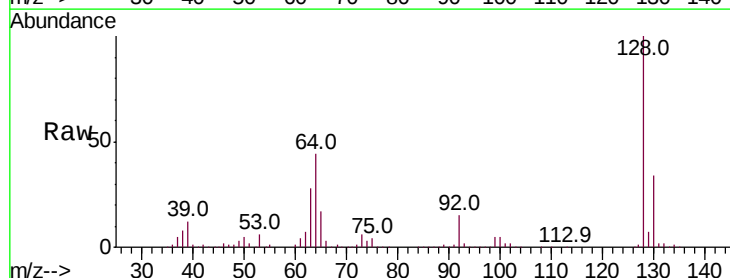
RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

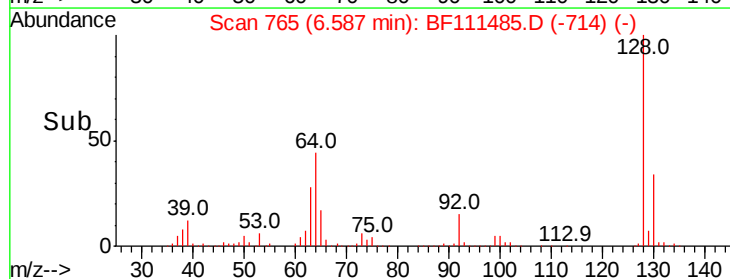
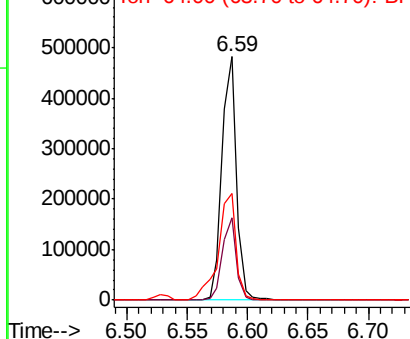
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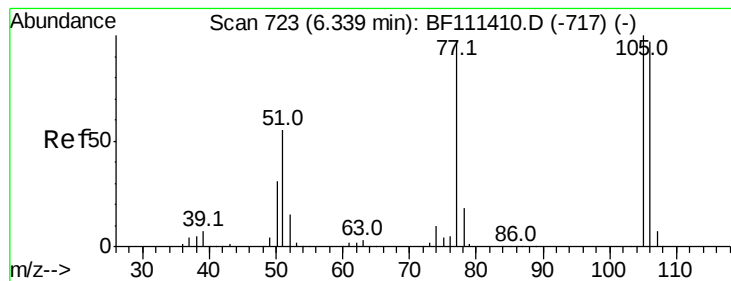
Acq: 15 Dec 2018 23:28

Tgt Ion:	128	Resp:	397555
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.7	52.7
64	44.0	30.0	70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.541 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

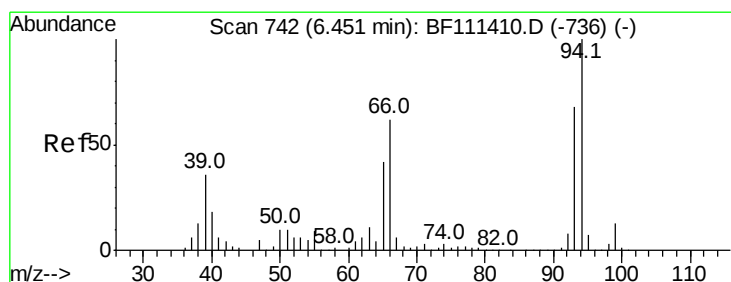
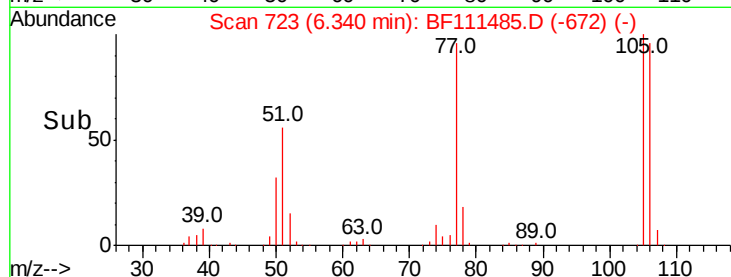
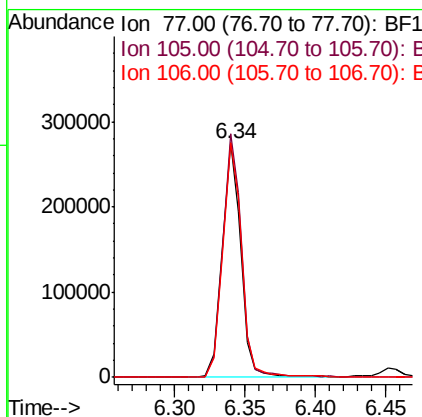
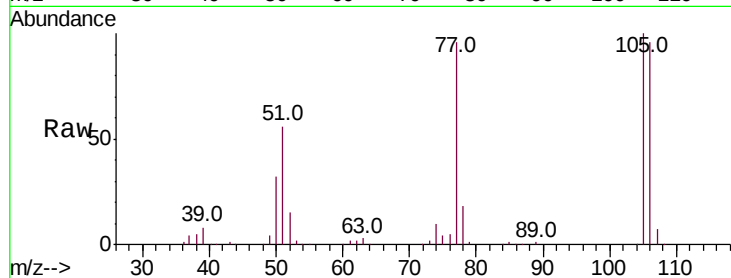
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	253201
Ion Ratio	Lower	Upper	
77	100		
105	103.8	81.4	121.4
106	100.0	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 39.748 ng

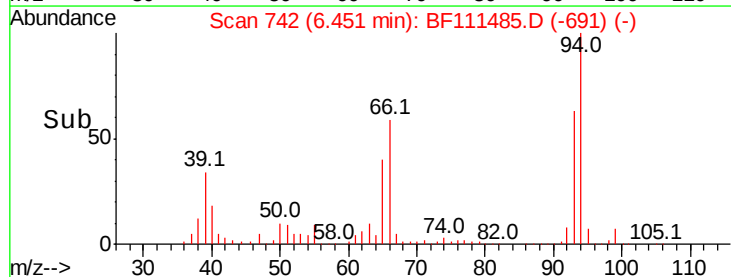
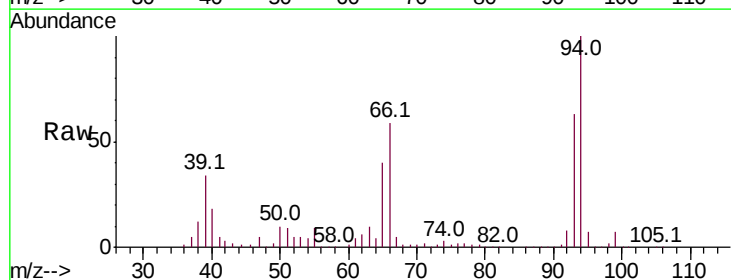
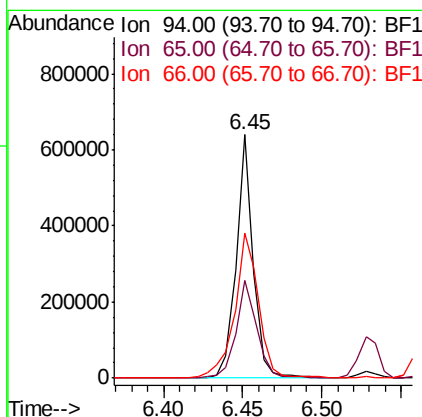
RT: 6.45 min Scan# 742

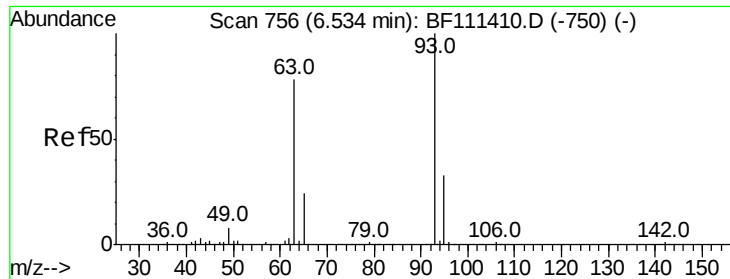
Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion:	94	Resp:	479588
Ion Ratio	Lower	Upper	
94	100		
65	40.0	11.7	51.7
66	59.4	21.0	61.0





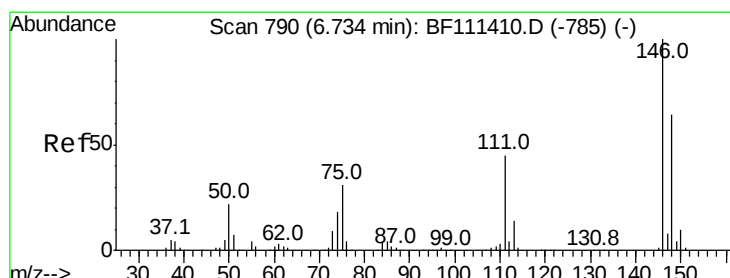
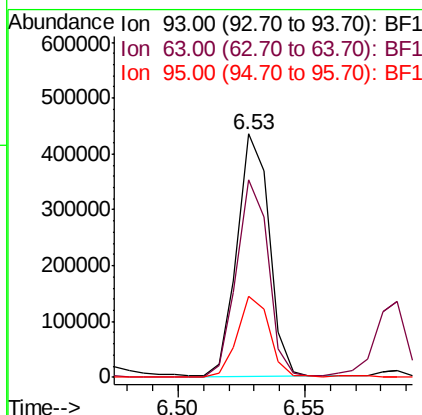
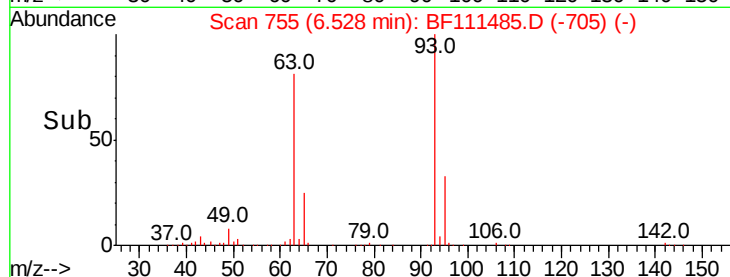
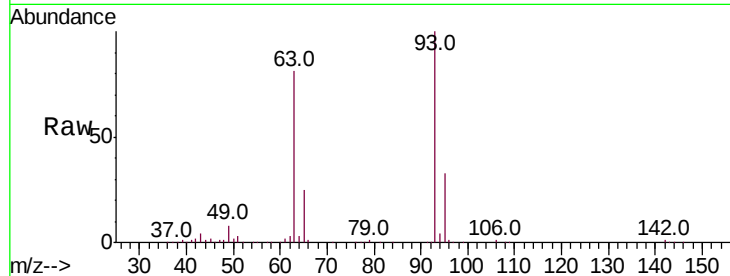
#11
 bis(2-Chloroethyl)ether
 Concen: 40.408 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	93	Resp:	382200
Ion Ratio	Lower	Upper	
93	100		
63	81.2	60.0	100.0
95	33.1	13.4	53.4

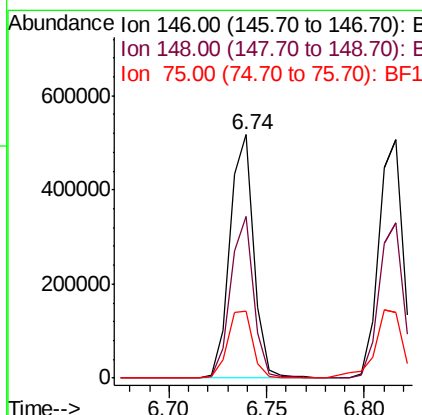
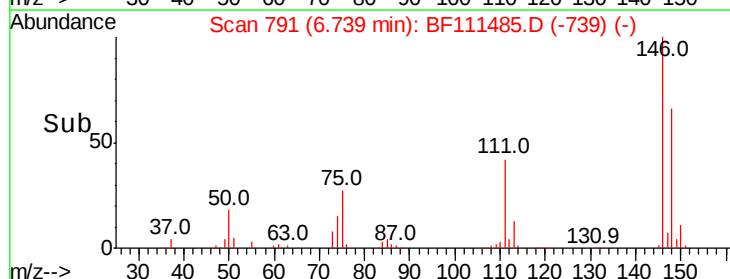
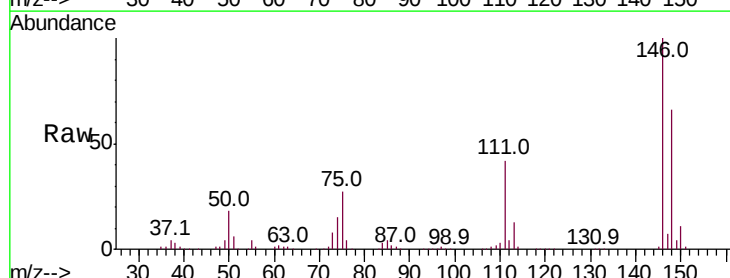
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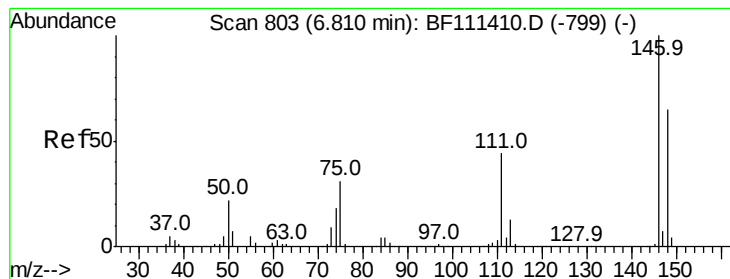
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#12
 1,3-Dichlorobenzene
 Concen: 40.780 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion:	146	Resp:	436749
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.1	78.1
75	27.5	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 40.851 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

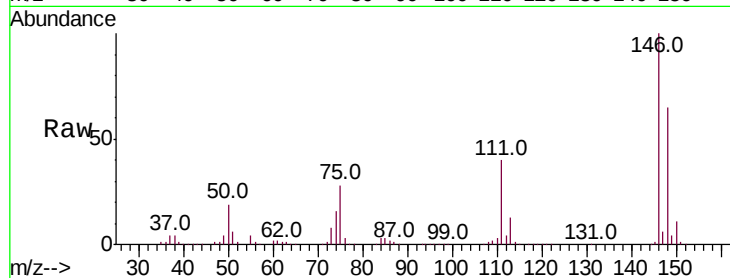
ClientSampleId :

SSTDCCC040

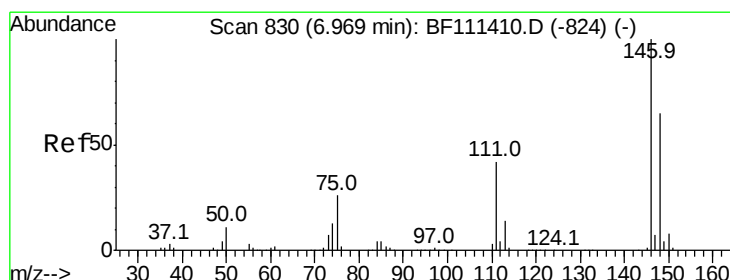
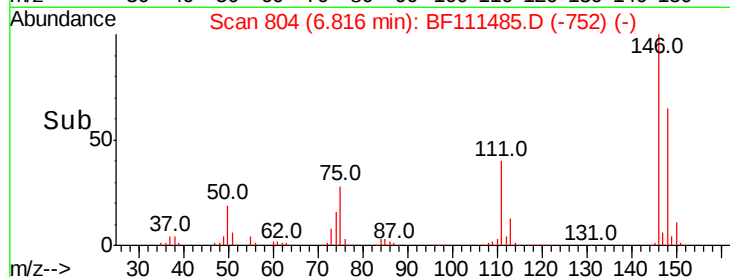
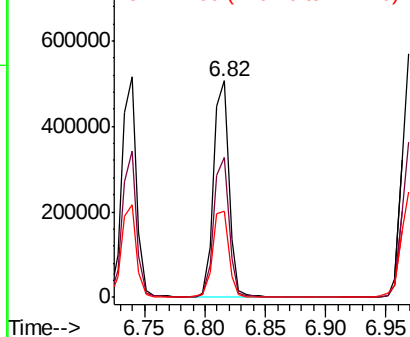
Tot Ion:	146	Resp:	444075
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.8	79.2
111	39.7	33.4	50.0

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



#14

1,2-Dichlorobenzene

Concen: 40.039 ng

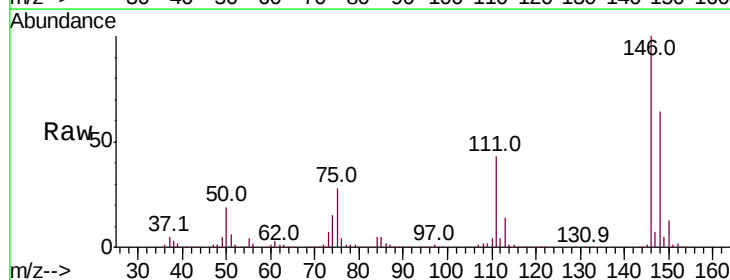
RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

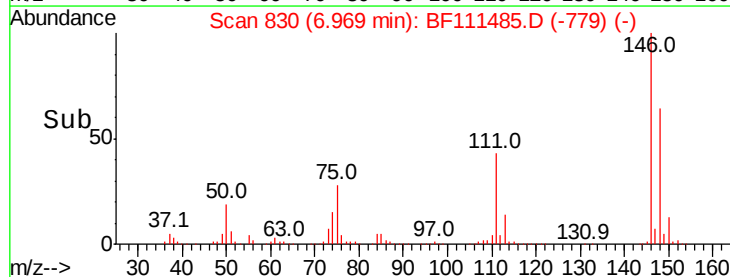
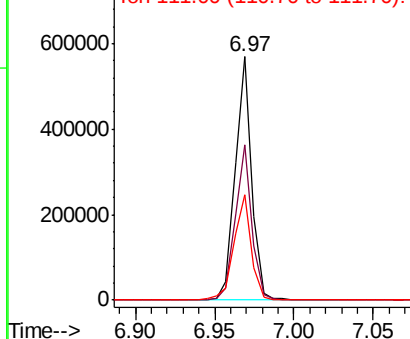
Lab File: BF111485.D

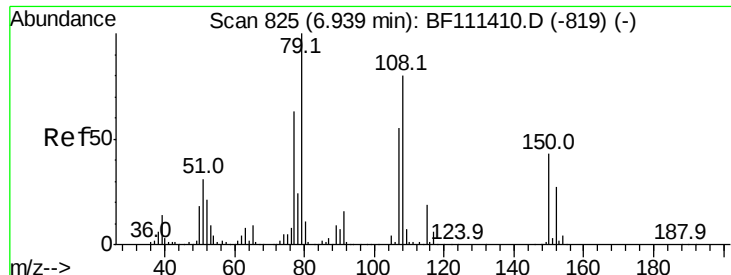
Acq: 15 Dec 2018 23:28

Tgt Ion:	146	Resp:	409476
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	43.3	36.2	54.4



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





#15

Benzyl Alcohol

Concen: 37.959 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 312835

Ion Ratio Lower Upper

79 100

108 81.7 69.4 104.2

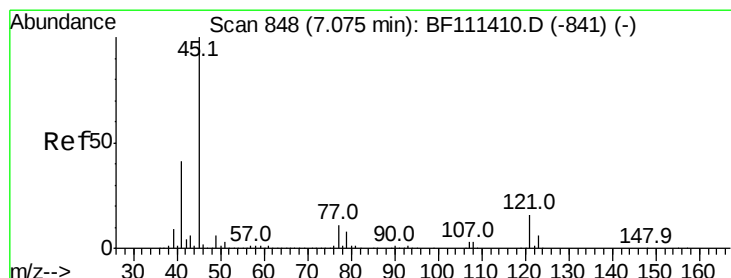
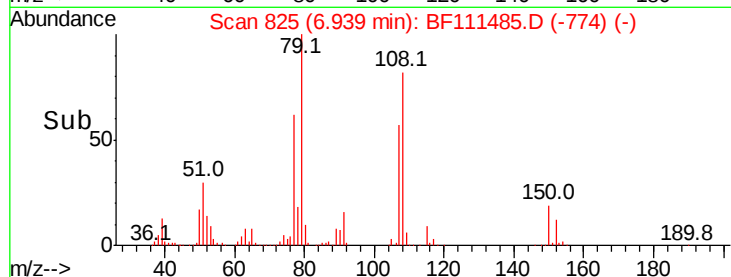
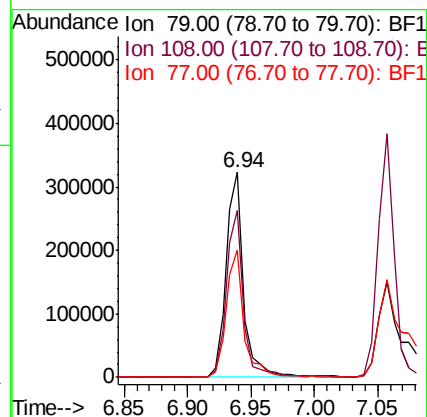
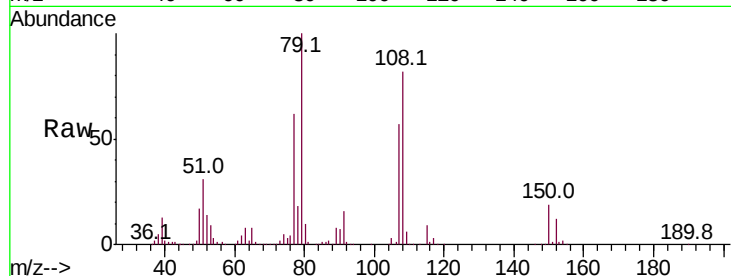
77 62.1 49.7 74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.452 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

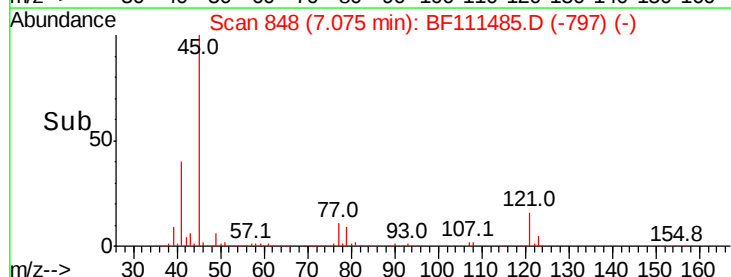
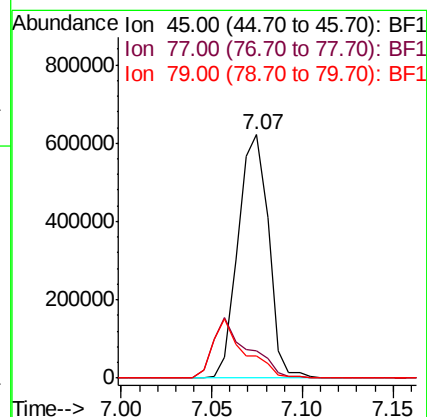
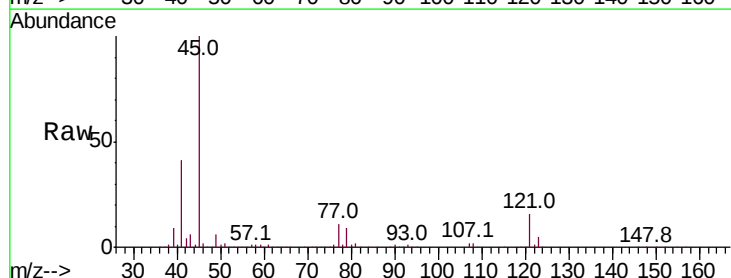
Tgt Ion: 45 Resp: 728586

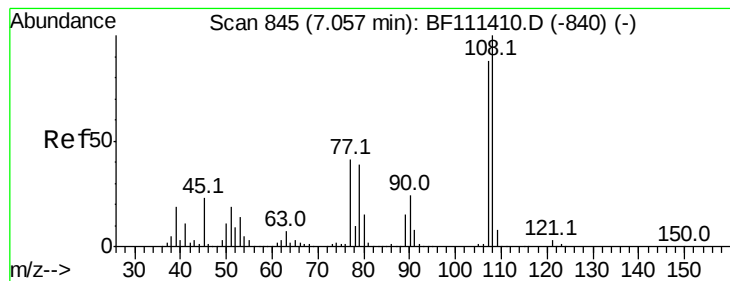
Ion Ratio Lower Upper

45 100

77 11.0 0.0 31.5

79 8.9 0.0 28.9





#17

2-Methylphenol

Concen: 37.409 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

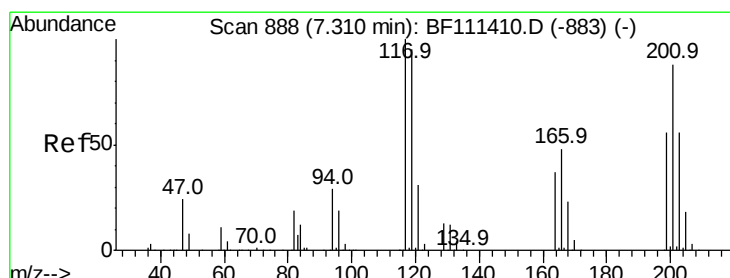
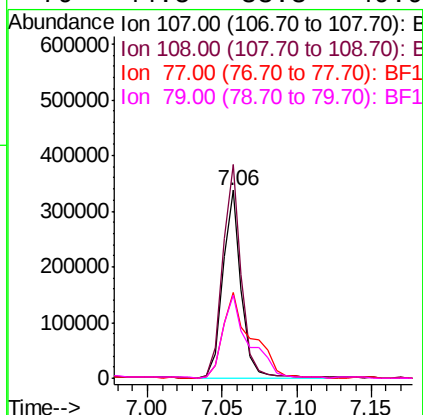
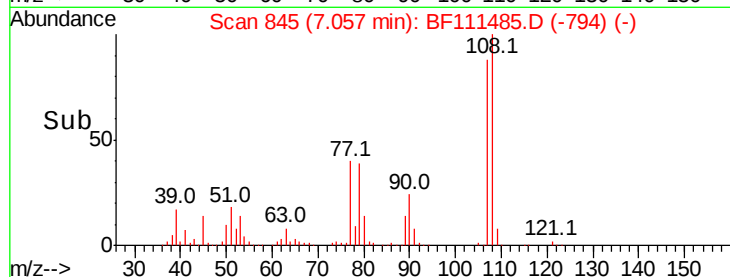
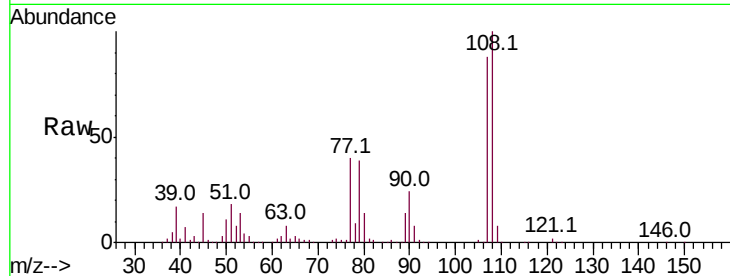
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	292917		
108	113.8	91.0	136.4	
77	45.8	33.5	50.3	
79	44.5	33.3	49.9	

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#18

Hexachloroethane

Concen: 33.745 ng

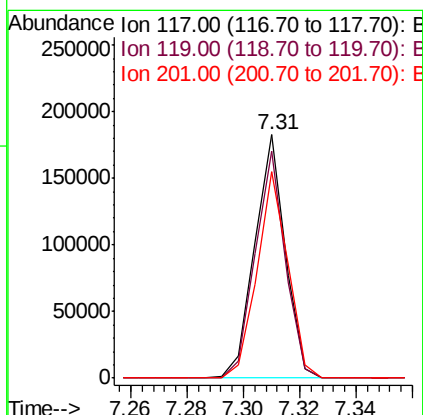
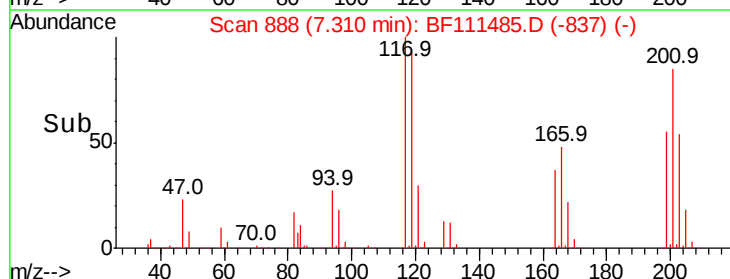
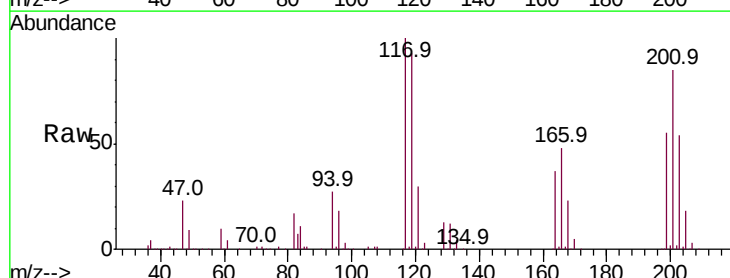
RT: 7.31 min Scan# 888

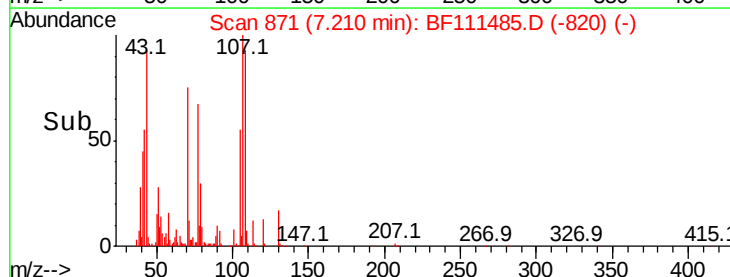
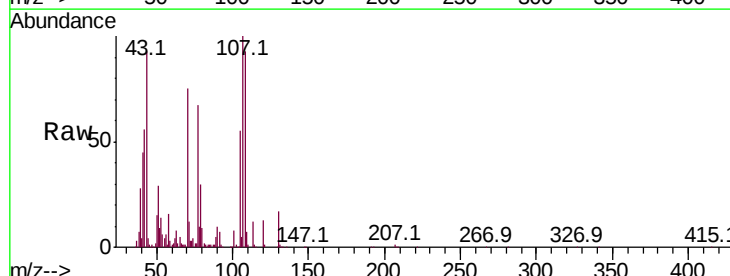
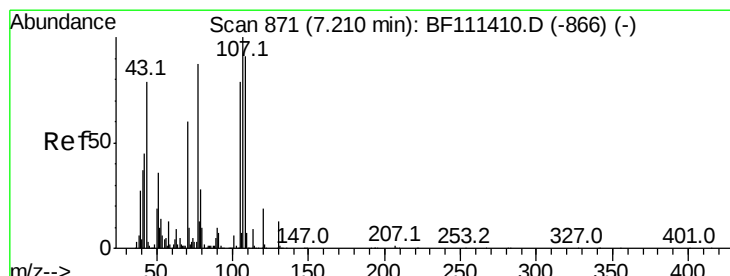
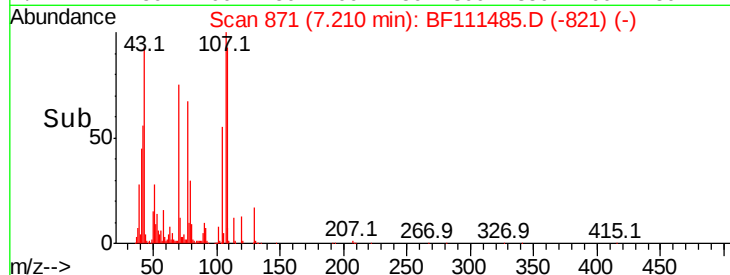
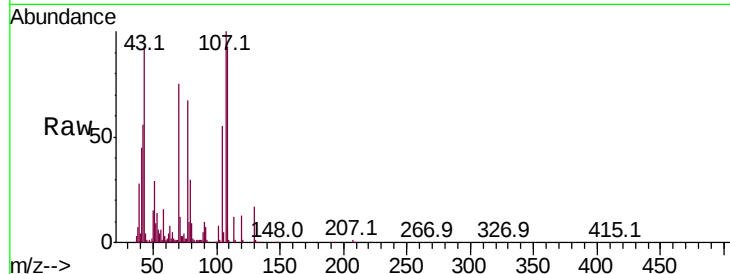
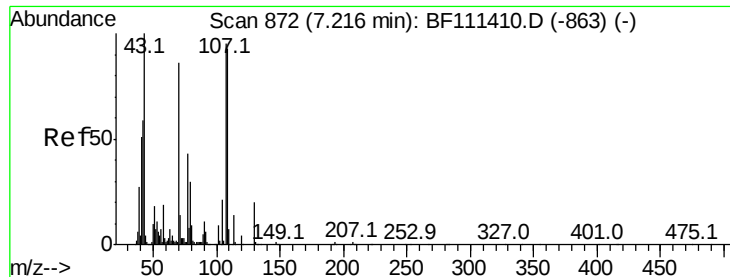
Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136520		
119	93.5	75.4	113.0	
201	85.0	62.4	93.6	





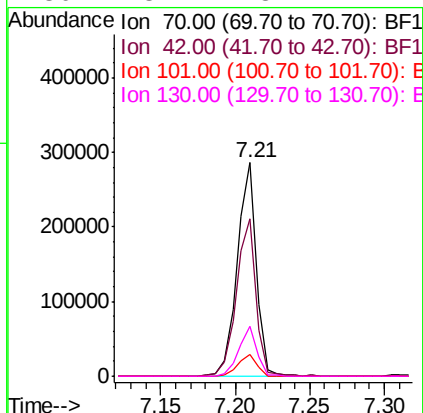
#19
n-Nitroso-di-n-propylamine
Concen: 35.994 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.7	53.2	79.8
101	10.2	8.2	12.4
130	23.1	18.1	27.1

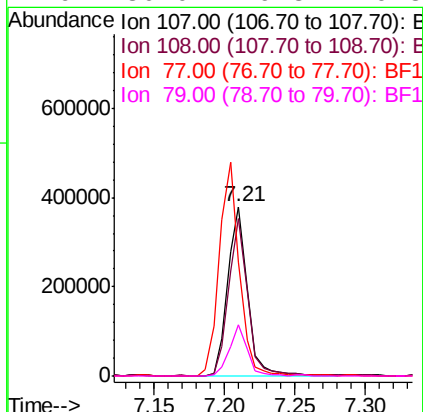
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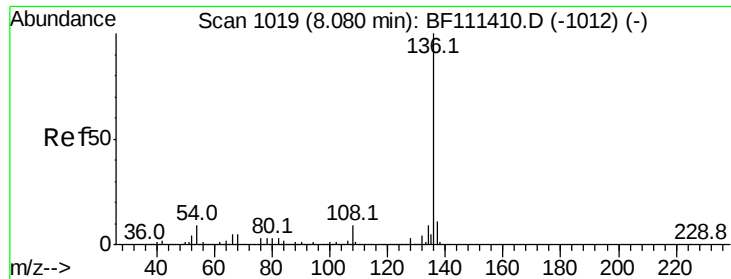
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#20
3+4-Methylphenols
Concen: 37.349 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	72.1	112.1
77	67.3	94.1	134.1#
79	30.0	9.8	49.8





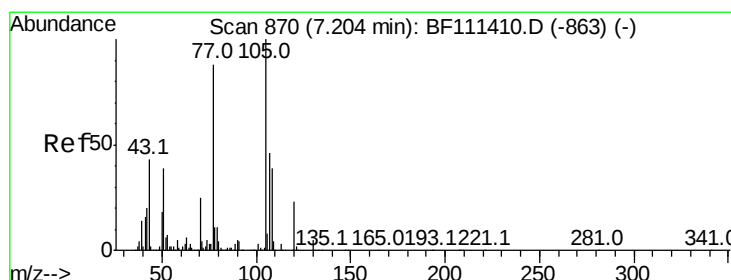
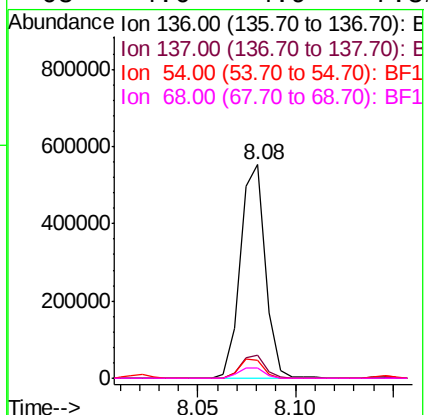
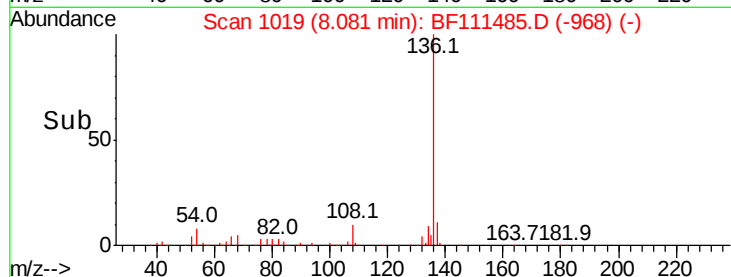
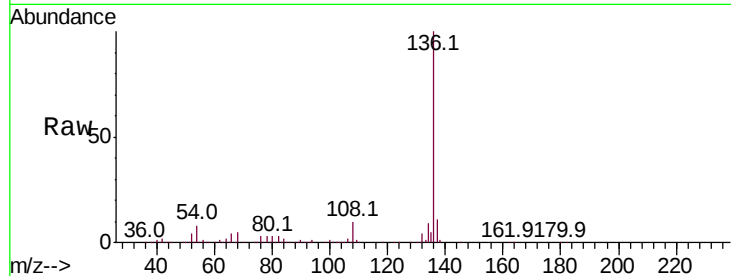
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	8.4	7.7	11.5	
68	4.6	4.9	7.3#	

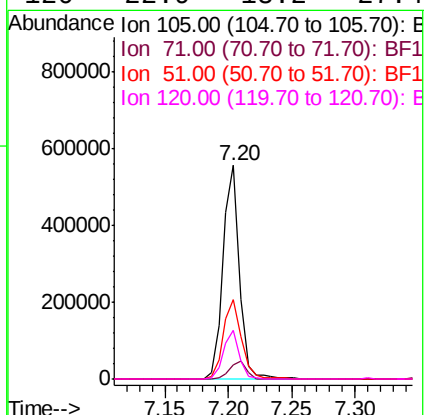
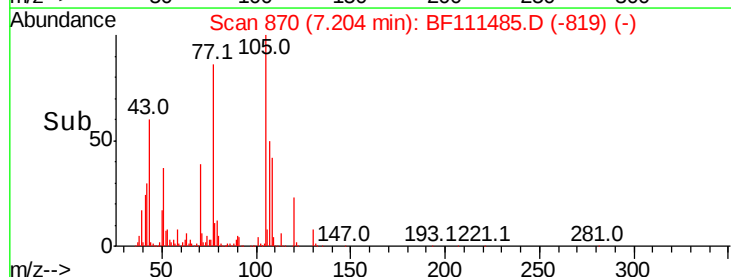
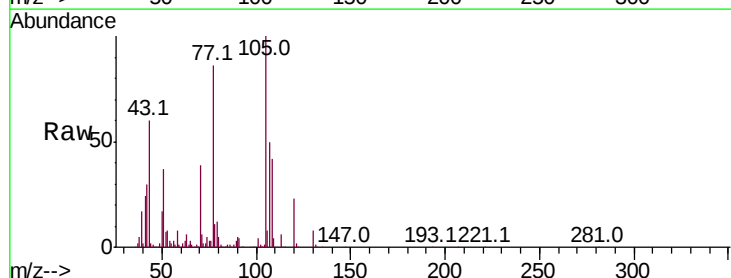
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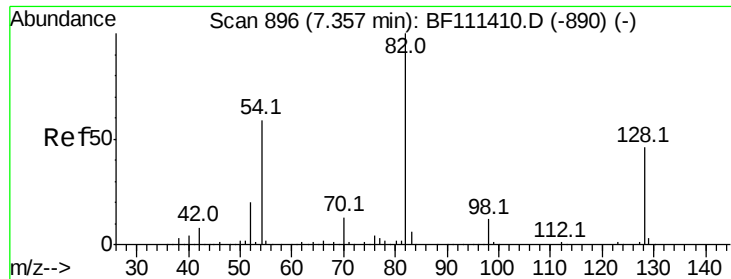
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#22
Acetophenone
Concen: 45.997 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	3.1	4.7#	
51	37.4	36.6	54.8	
120	22.9	18.2	27.4	





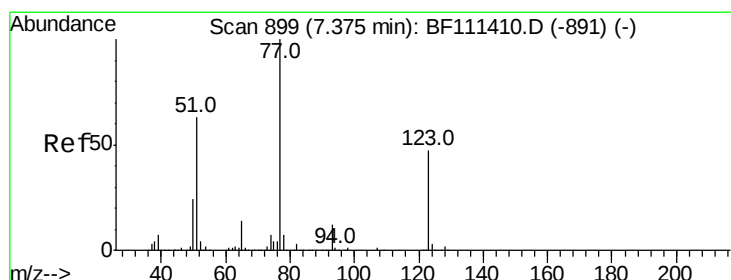
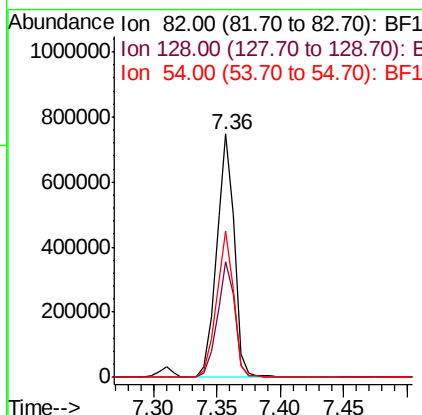
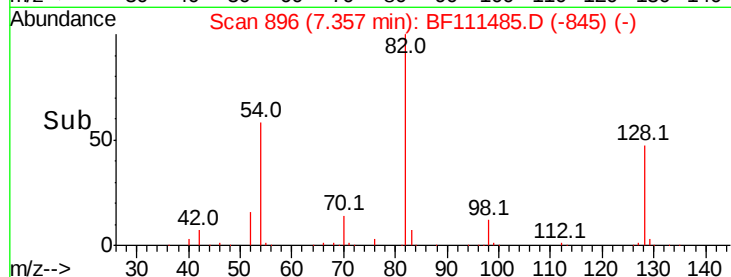
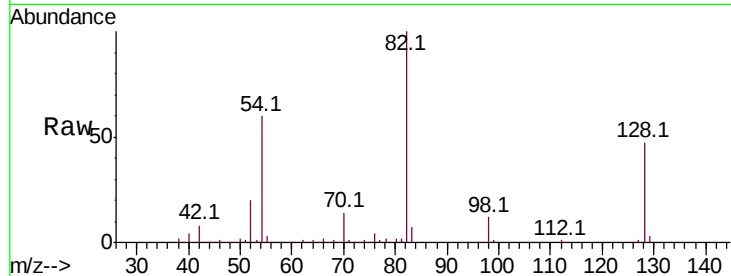
#23
Nitrobenzene-d5
Concen: 88.937 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.2
54	60.0	47.6	71.4

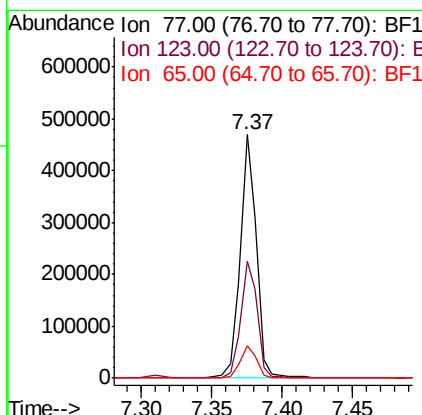
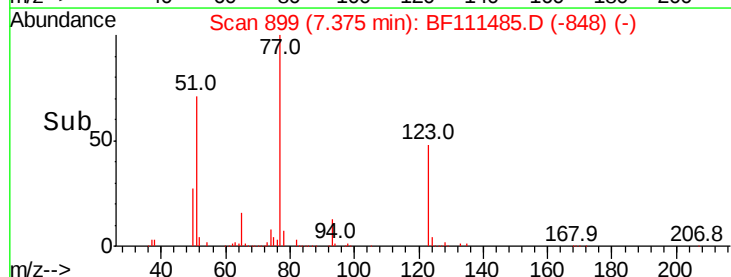
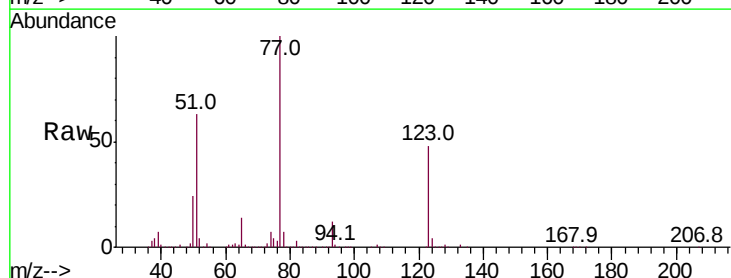
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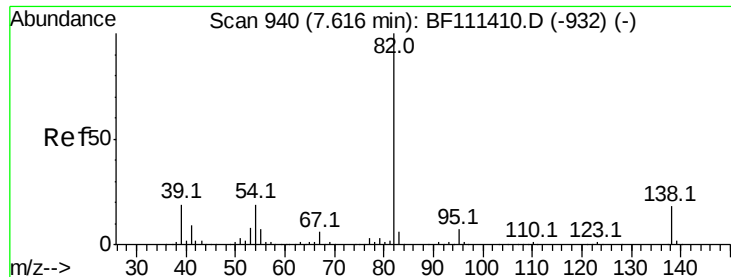
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#24
Nitrobenzene
Concen: 43.650 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.2	55.8
65	13.5	11.5	17.3





#25

Isophorone

Concen: 40.332 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

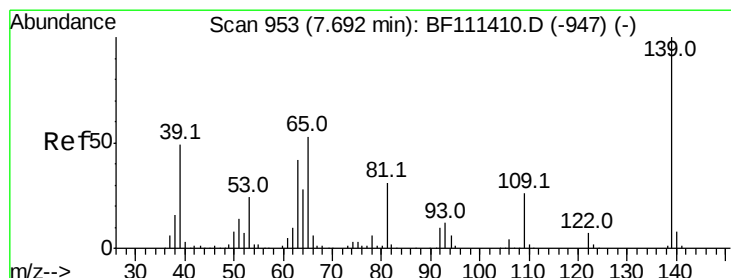
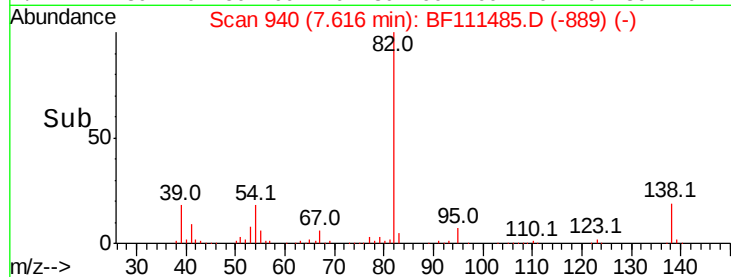
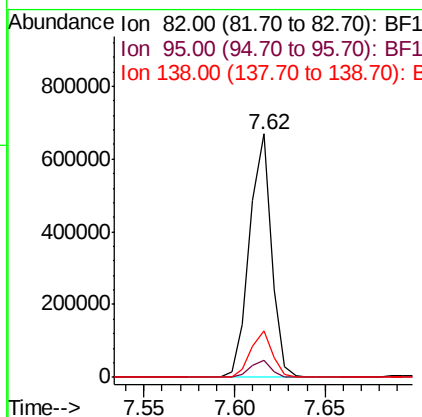
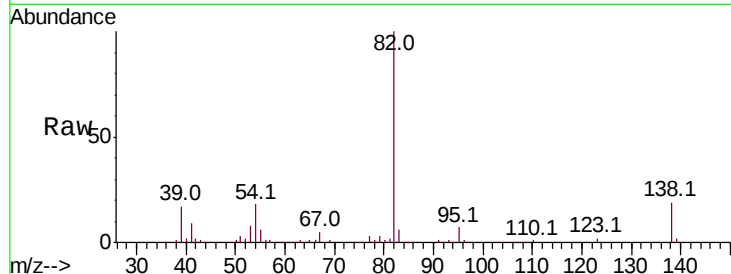
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	563090
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.9	15.1	22.7

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#26

2-Nitrophenol

Concen: 29.981 ng

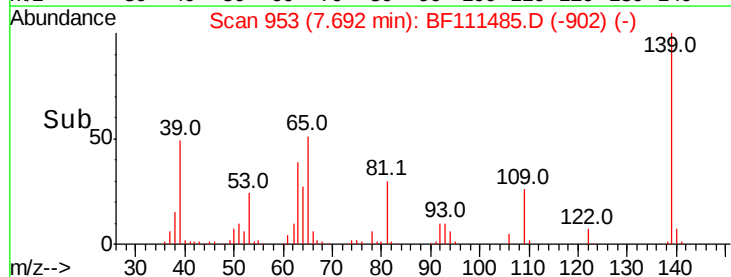
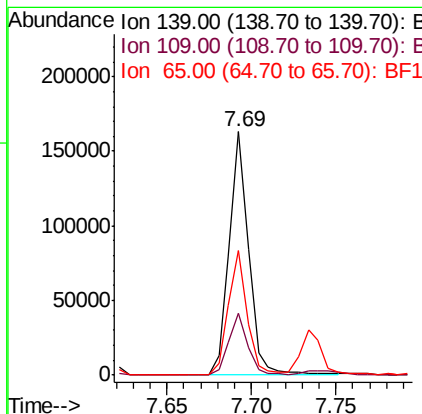
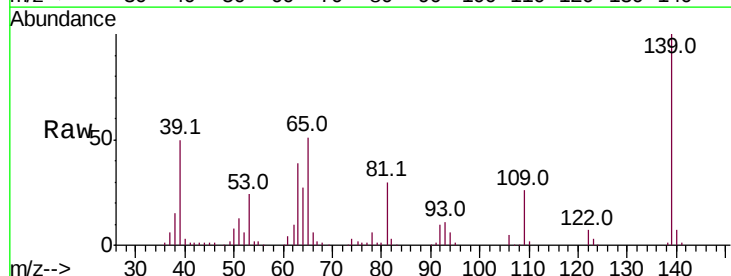
RT: 7.69 min Scan# 953

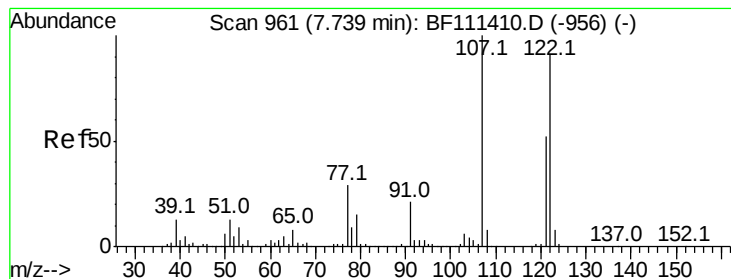
Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion:	139	Resp:	130873
Ion Ratio	Lower	Upper	
139	100		
109	25.6	20.2	30.4
65	51.4	40.7	61.1





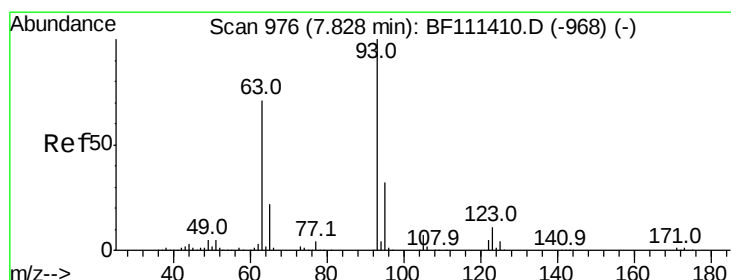
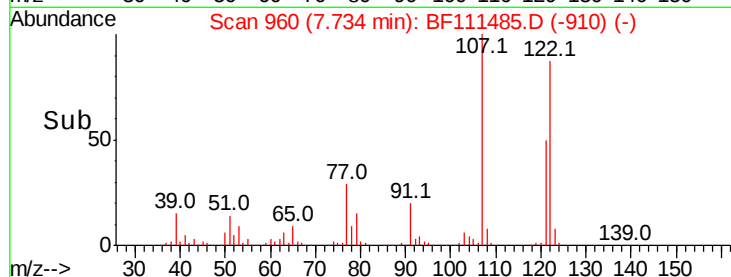
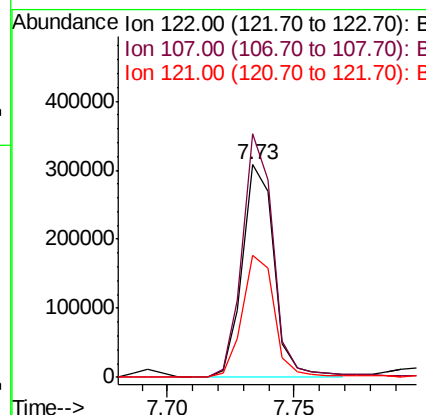
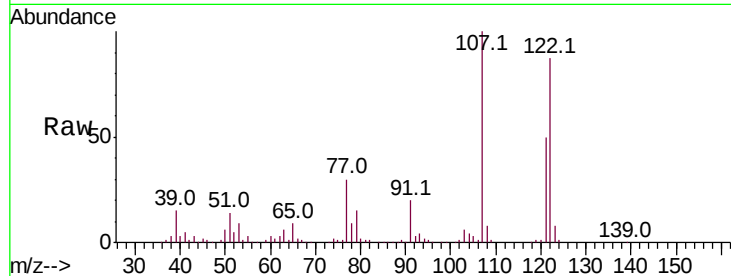
#27
2,4-Dimethylphenol
Concen: 42.318 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	85.5	128.3
121	57.2	46.6	70.0

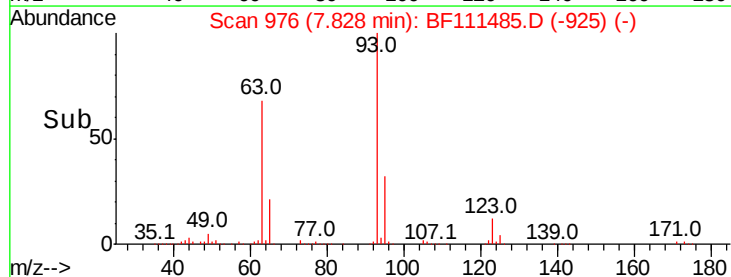
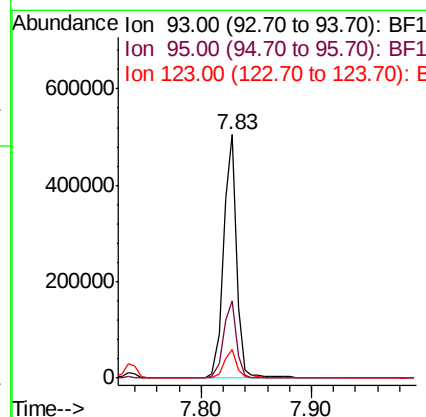
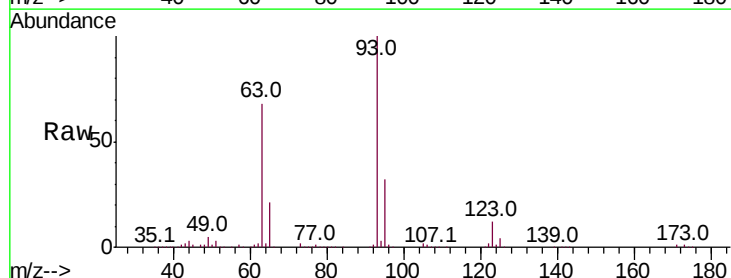
Manual Integrations
APPROVED

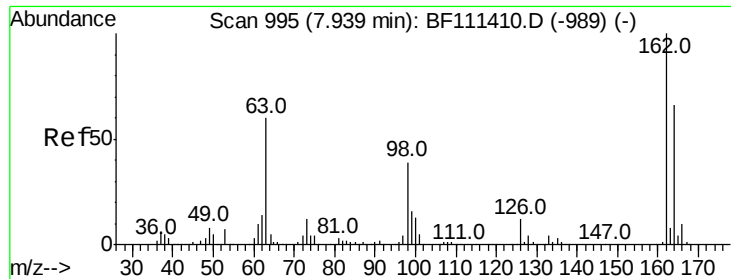
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.143 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	27.1	40.7
123	11.7	9.9	14.9





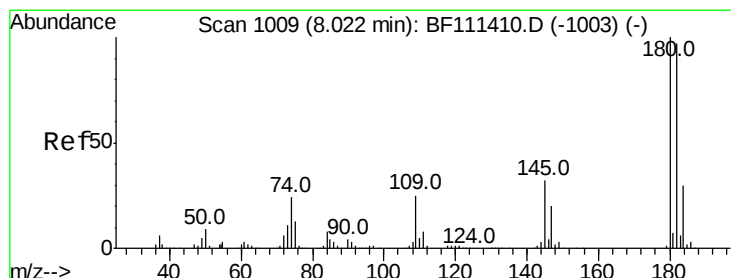
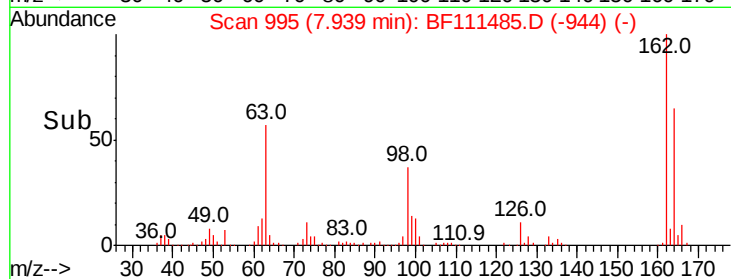
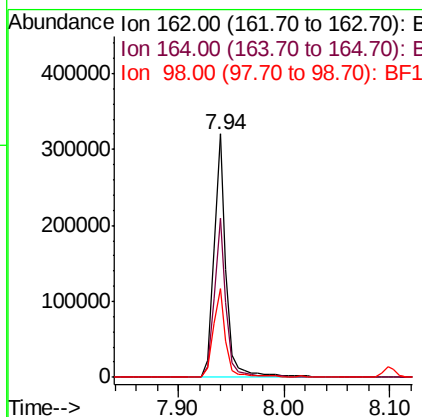
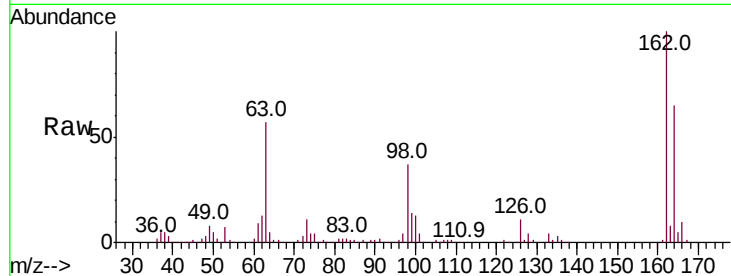
#29
 2,4-Dichlorophenol
 Concen: 38.900 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	262782
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.4	84.4
98	36.6	20.3	60.3

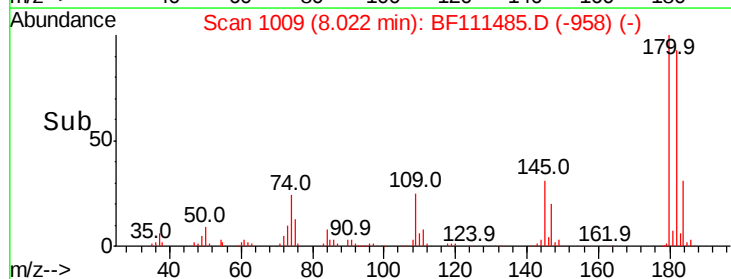
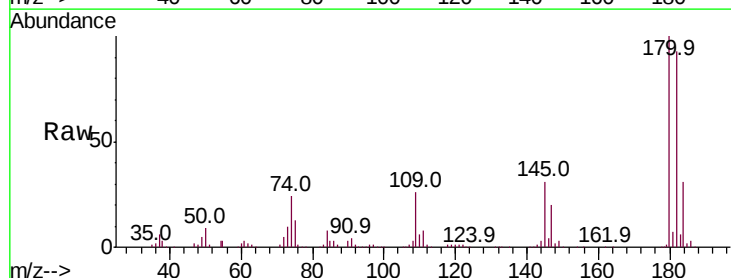
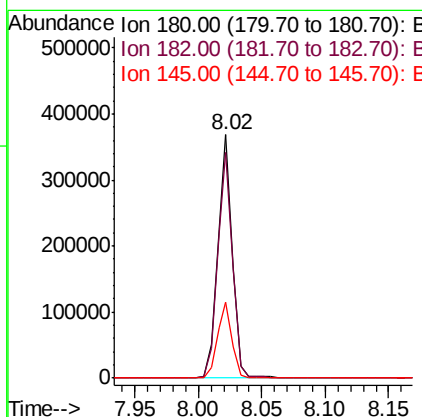
Manual Integrations
 APPROVED

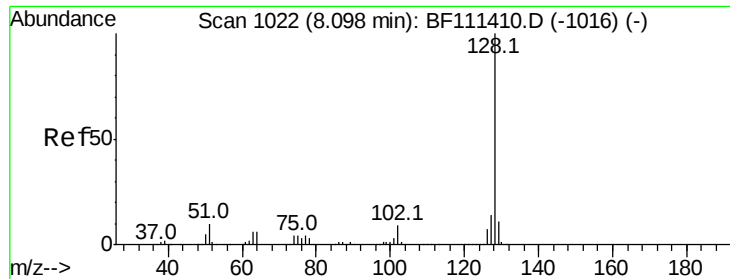
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.294 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion:	180	Resp:	299098
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.6	113.4
145	31.1	26.7	40.1





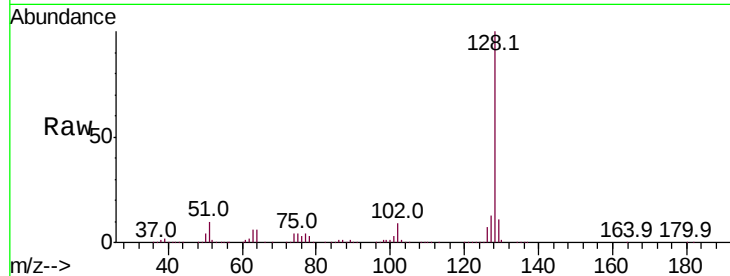
#31
Naphthalene
Concen: 40.992 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.2	12.0	18.0

Manual Integrations
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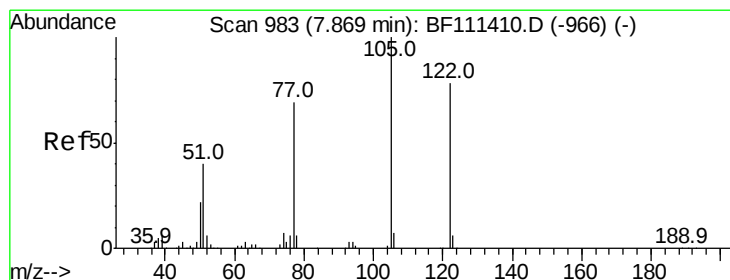
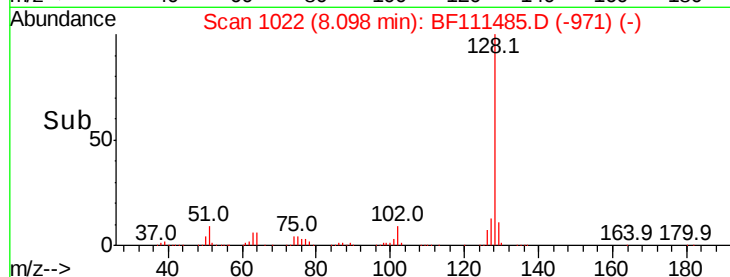
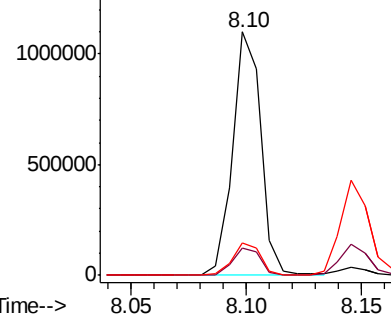


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 11.240 ng m
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

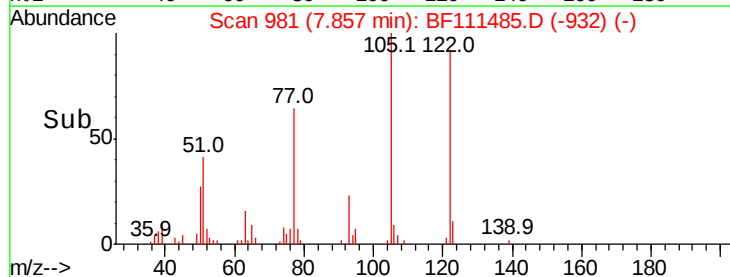
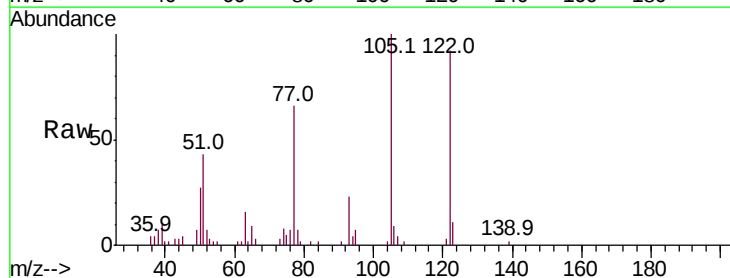
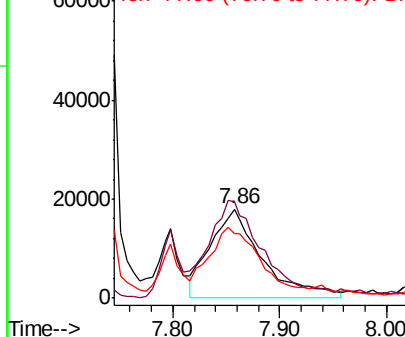
Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.6	97.0	137.0
77	71.6	65.7	105.7

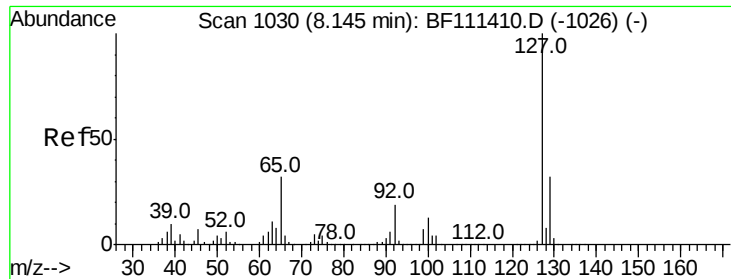
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





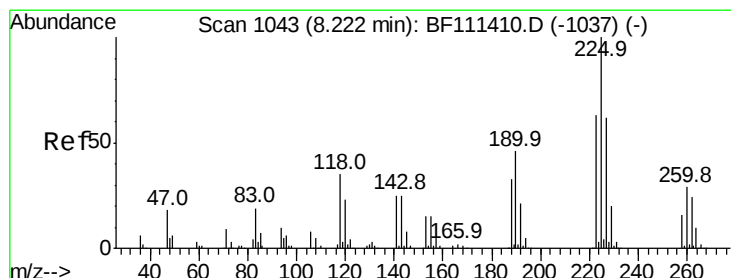
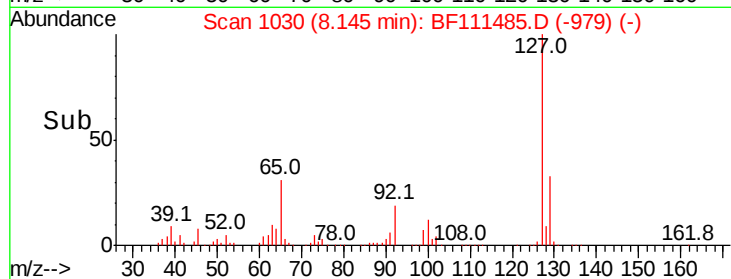
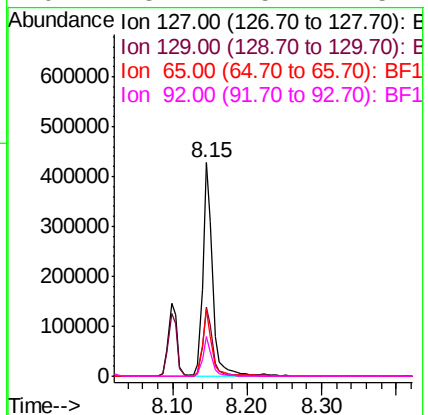
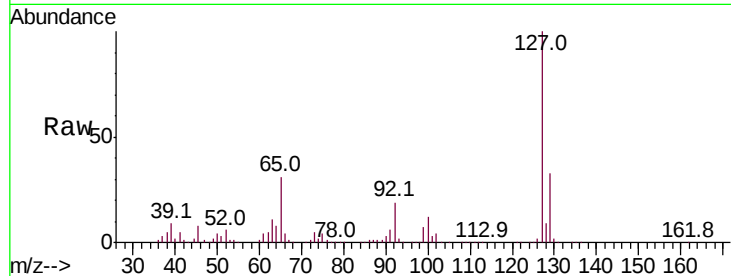
#33
4-Chloroaniline
Concen: 39.217 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	31.2	25.7	38.5
92	18.7	15.4	23.2

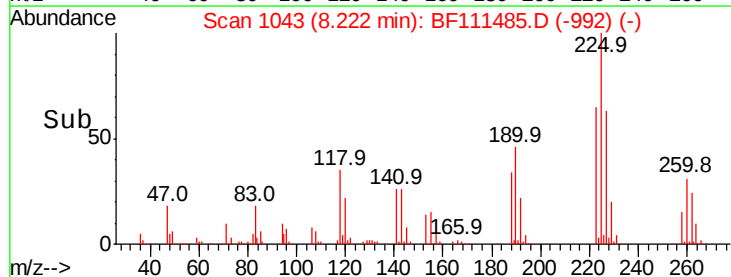
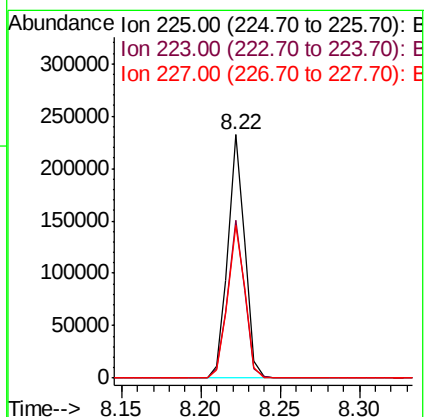
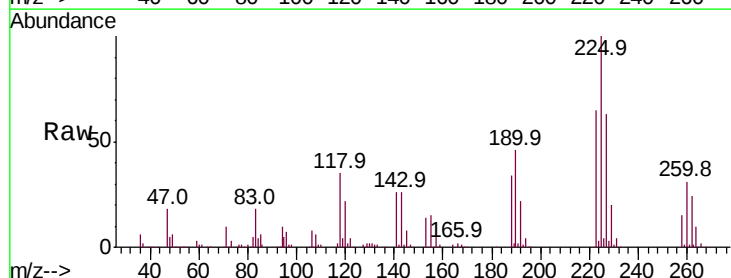
Manual Integrations
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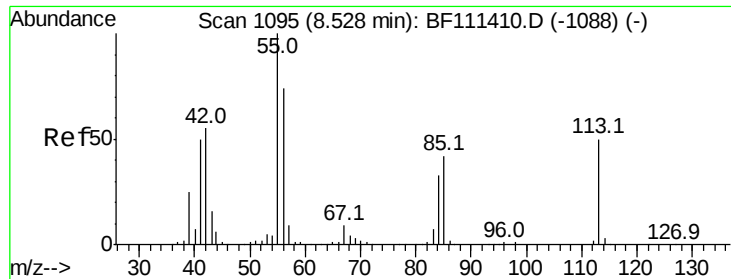
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#34
Hexachlorobutadiene
Concen: 44.315 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.7	76.1
227	62.8	52.6	78.8





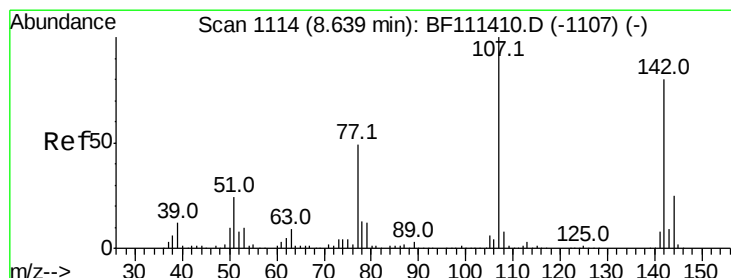
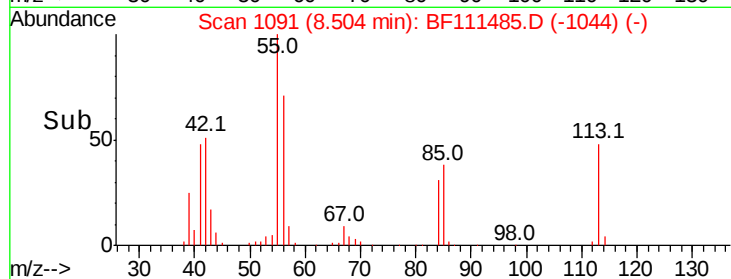
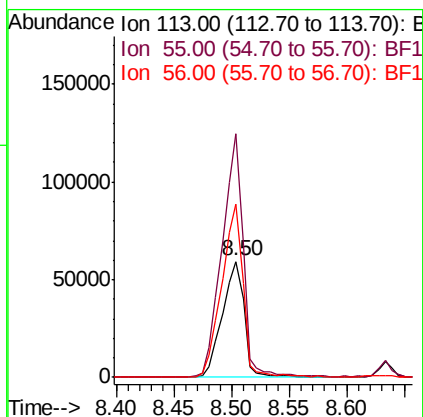
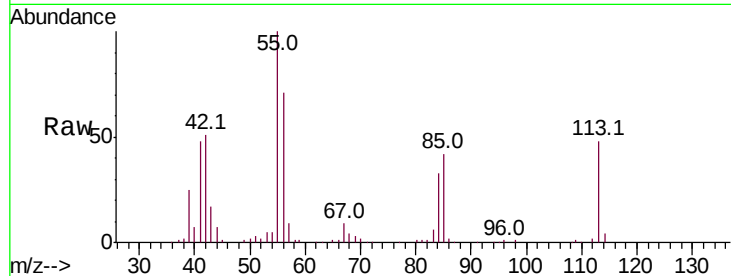
#35
Caprolactam
Concen: 31.072 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.9	184.1	224.1
56	148.9	126.0	166.0

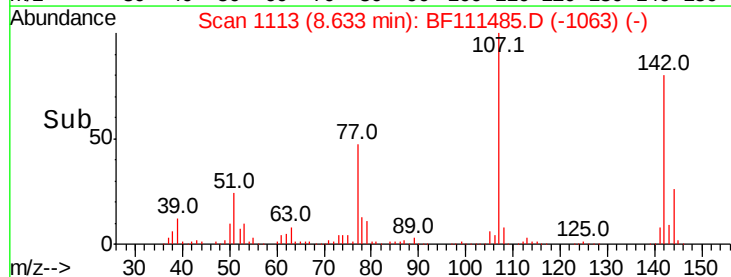
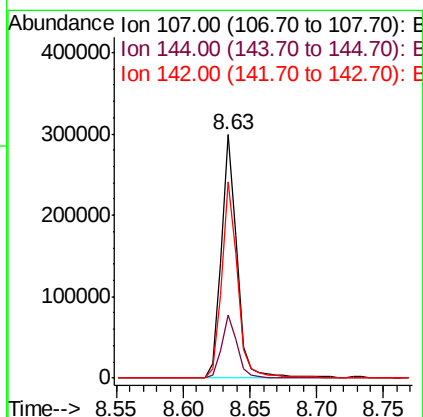
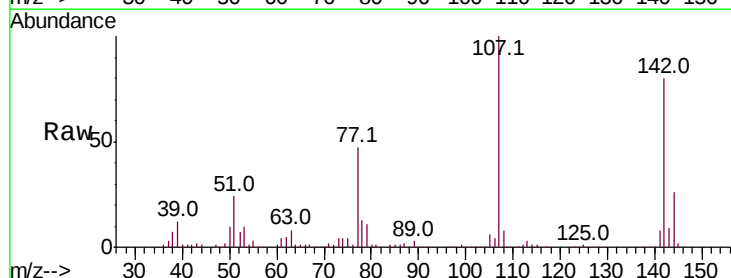
Manual Integrations
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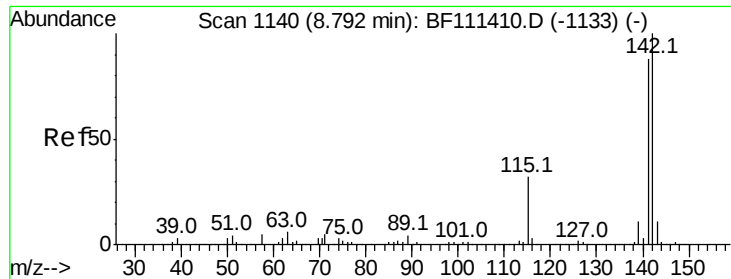
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#36
4-Chloro-3-methylphenol
Concen: 33.807 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.8	29.6
142	80.4	62.3	93.5





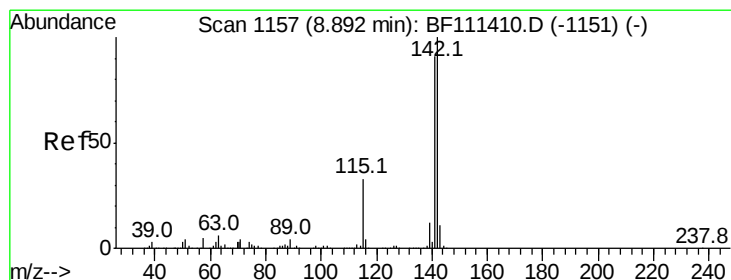
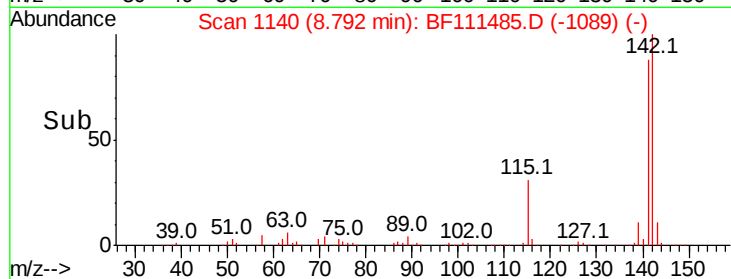
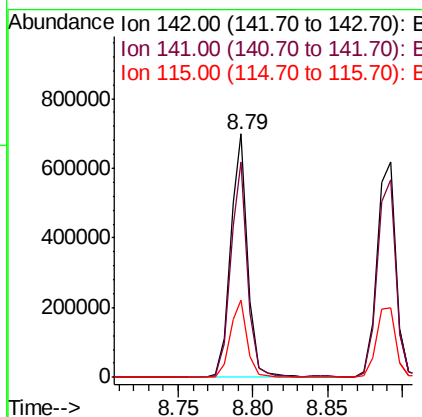
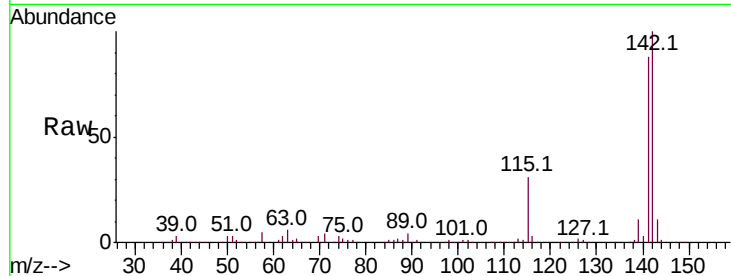
#37
2-Methylnaphthalene
Concen: 36.243 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	105.8
115	31.5	27.0	40.6

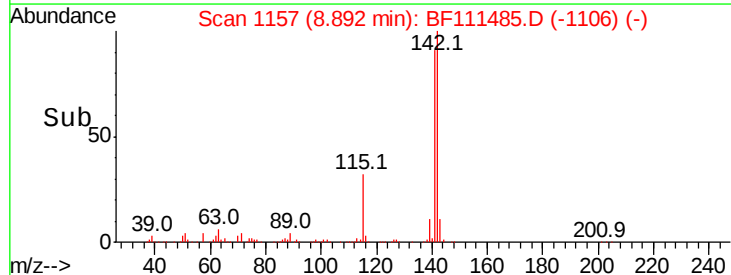
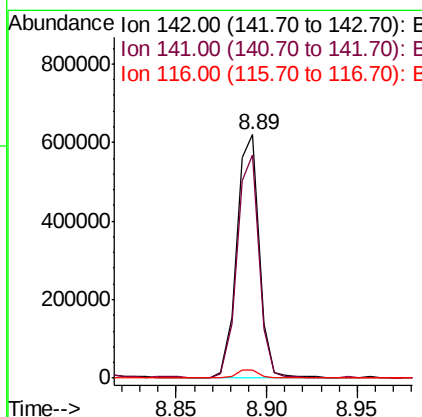
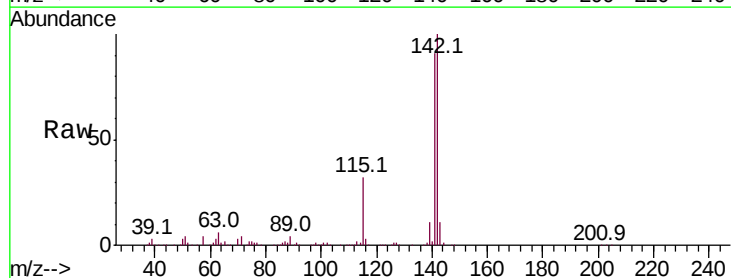
Manual Integrations
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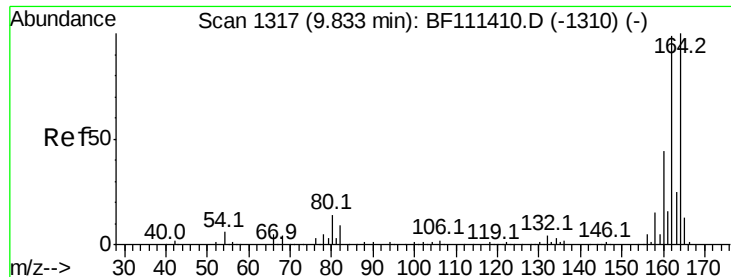
Sohil
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#38
1-Methylnaphthalene
Concen: 35.530 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	3.1	2.9	4.3





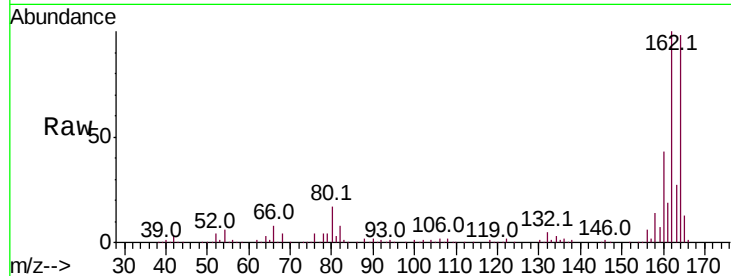
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	43.9	35.7	53.5

Manual Integrations
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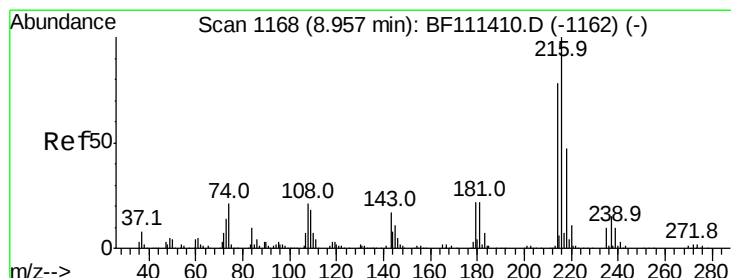
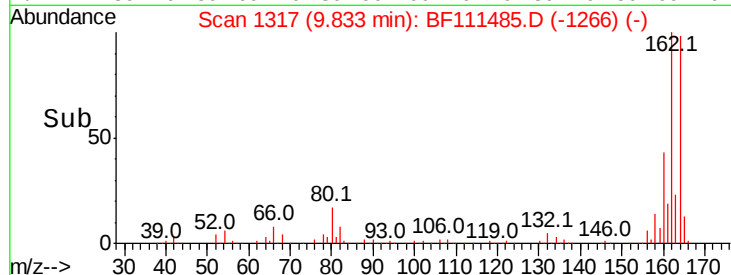
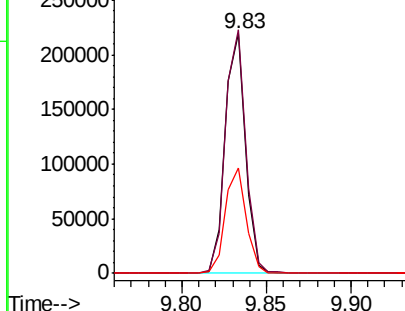


Abundance

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: 49.064 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	21.9	17.9	26.9
108	18.5	18.4	27.6

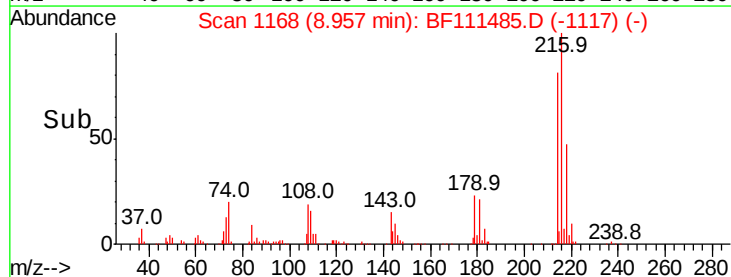
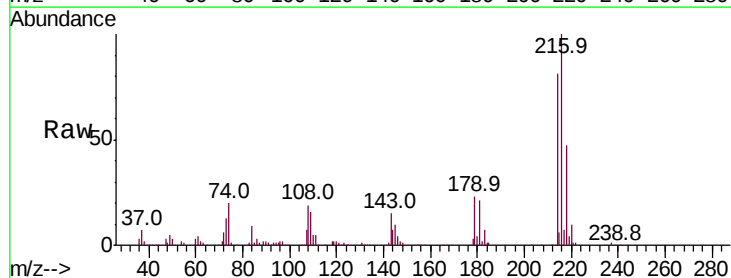
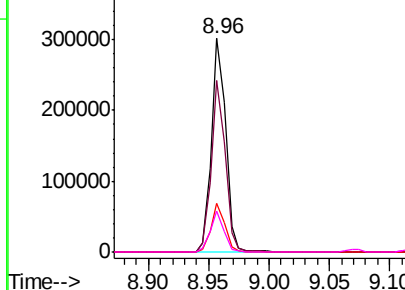
Abundance

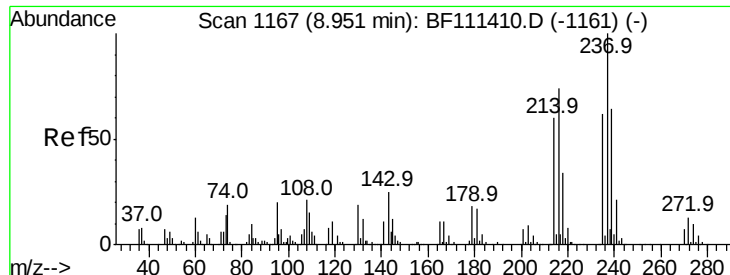
Ion 216.00 (215.70 to 216.70): E

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: 3.182 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

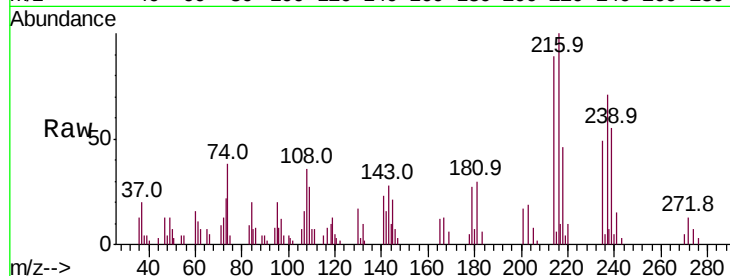
ClientSampleId :

SSTDCCC040

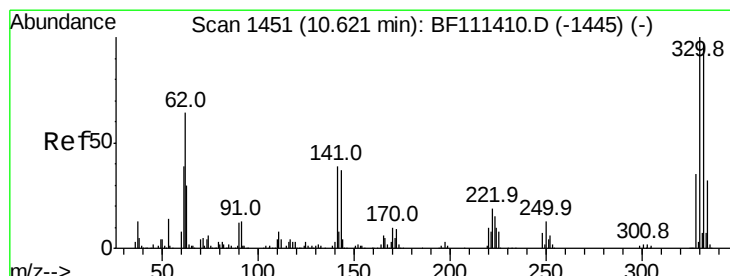
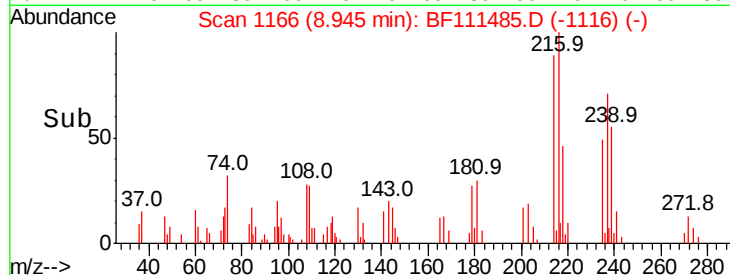
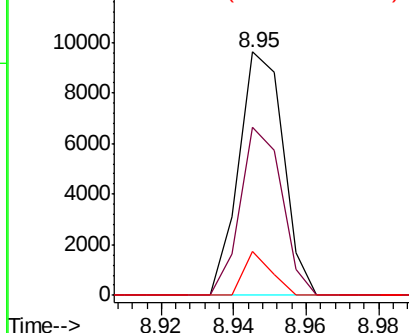
Tot Ion:	237	Resp:	8209
Ion Ratio	Lower	Upper	
237	100		
235	68.8	43.1	83.1
272	18.1	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 81.741 ng

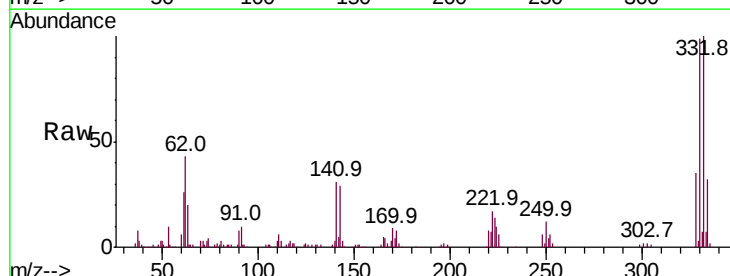
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

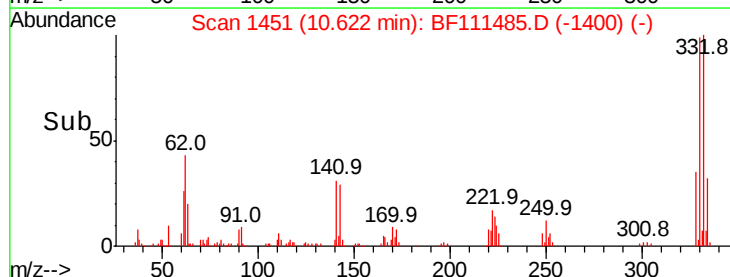
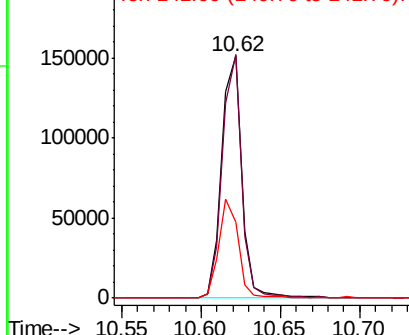
Lab File: BF111485.D

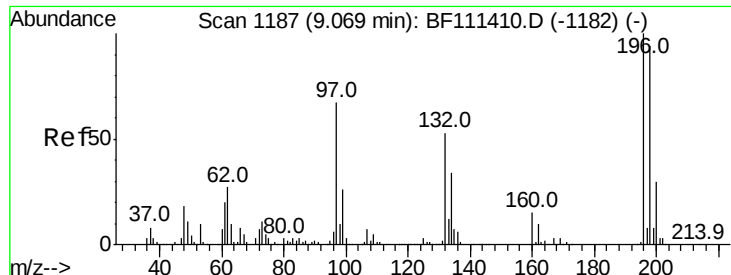
Acq: 15 Dec 2018 23:28

Tgt Ion:	330	Resp:	134163
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.0	114.0
141	39.6	31.0	46.6



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





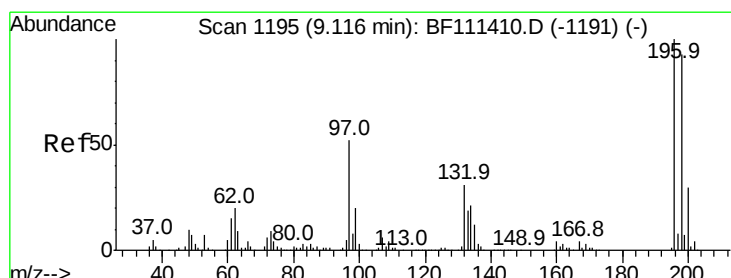
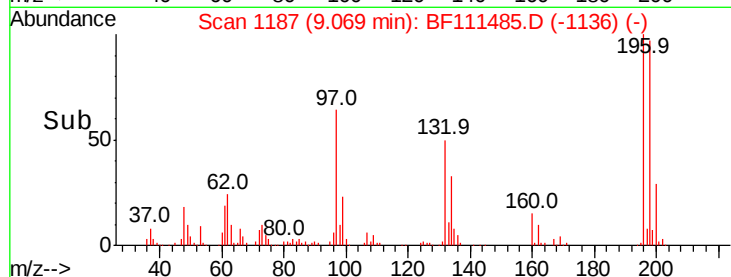
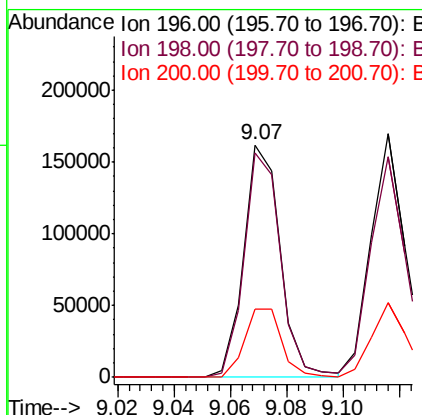
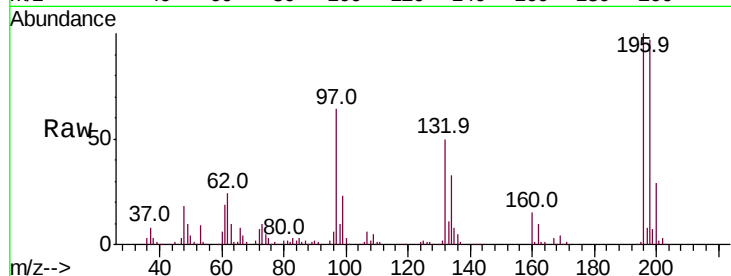
#43
 2,4,6-Trichlorophenol
 Concen: 40.955 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145649		
198	96.6	76.3	114.5	
200	29.1	24.9	37.3	

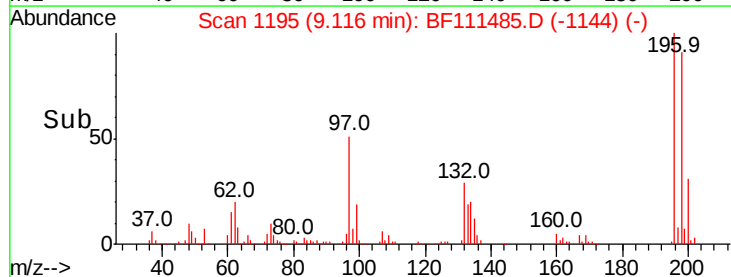
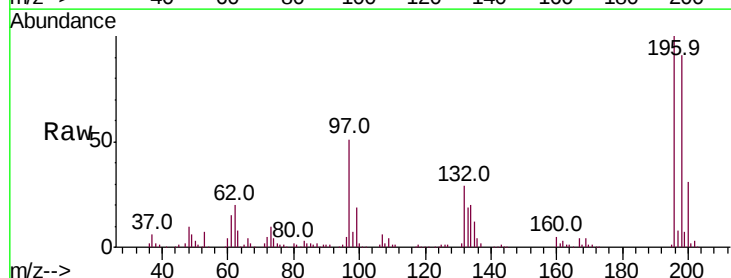
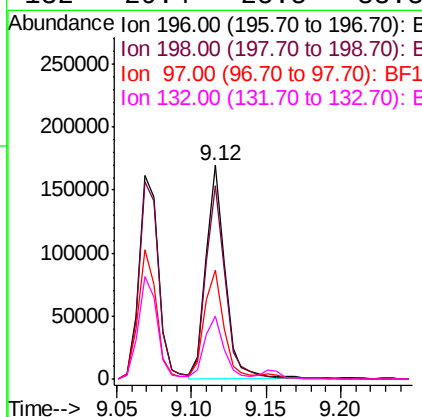
Manual Integrations
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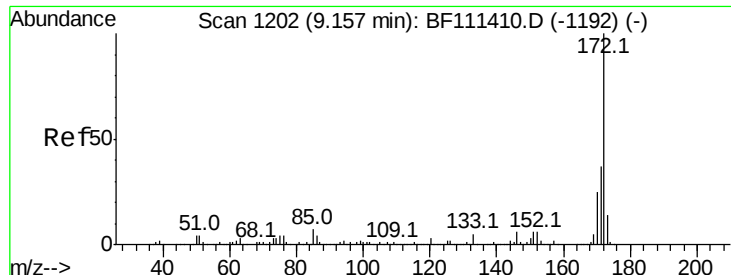
Sohil
 12/17/2018 3:12:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.786 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150565		
198	90.8	72.9	109.3	
97	50.9	45.3	67.9	
132	29.4	25.5	38.3	





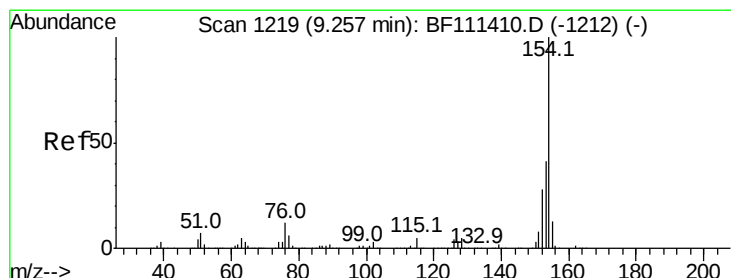
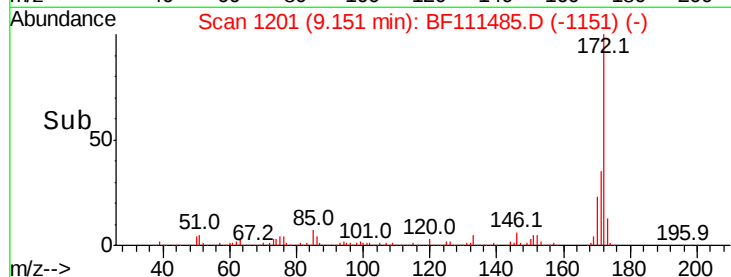
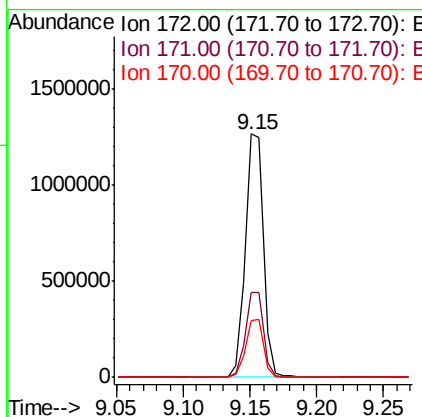
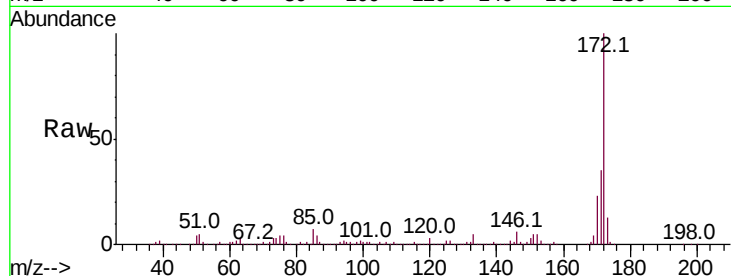
#45
2-Fluorobiphenyl
Concen: 99.627 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	33.0	49.4
170	23.2	22.3	33.5

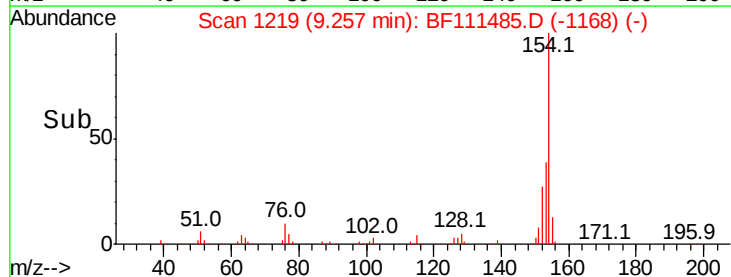
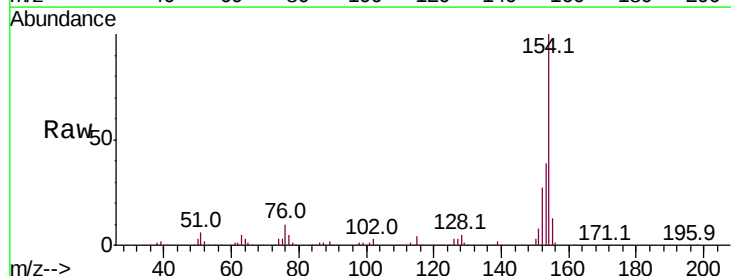
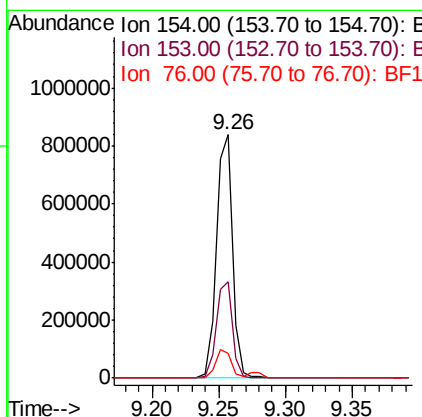
Manual Integrations
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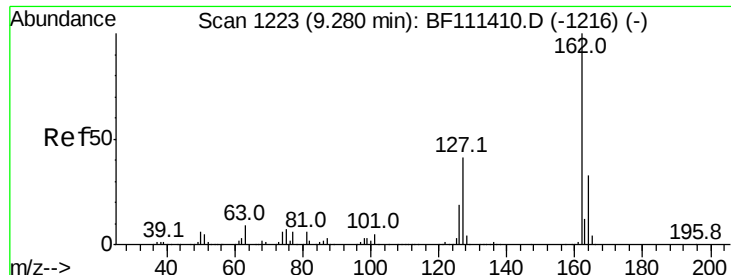
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#46
1,1'-Biphenyl
Concen: 46.131 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	23.7	63.7
76	10.0	0.0	35.0





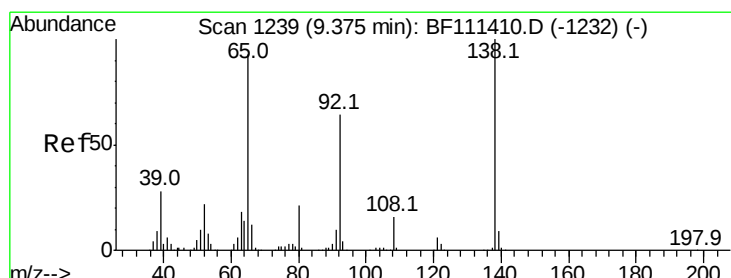
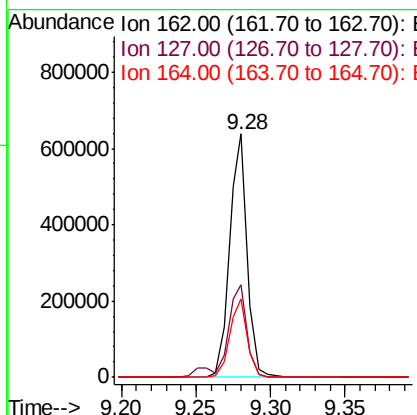
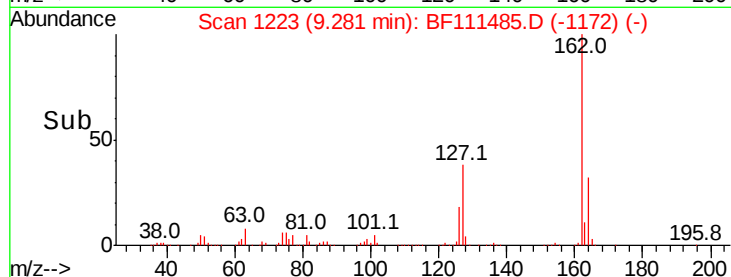
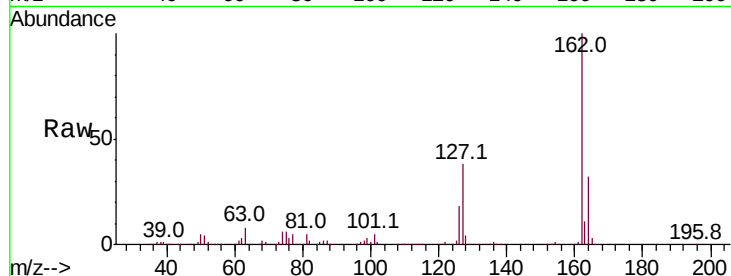
#47
 2-Chloronaphthalene
 Concen: 45.220 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	533637
Ion Ratio	Lower	Upper	
162	100		
127	37.9	35.0	52.4
164	32.3	28.4	42.6

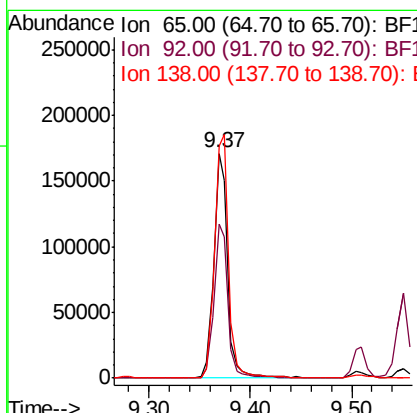
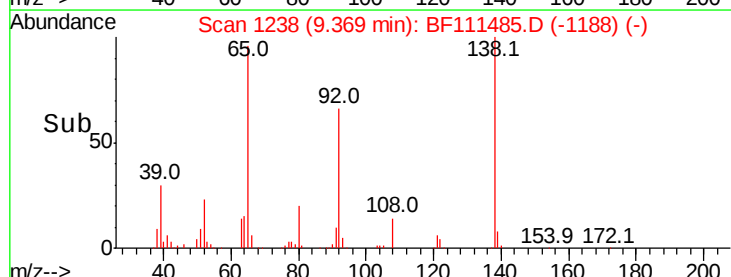
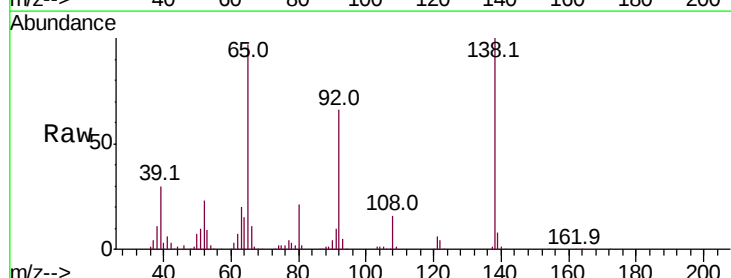
Manual Integrations
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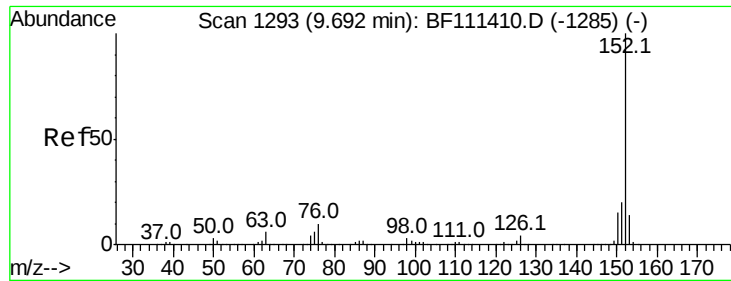
Sohil
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#48
 2-Nitroaniline
 Concen: 42.787 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion:	65	Resp:	163945
Ion Ratio	Lower	Upper	
65	100		
92	68.8	53.5	80.3
138	103.6	80.9	121.3





#49

Acenaphthylene

Concen: 42.103 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

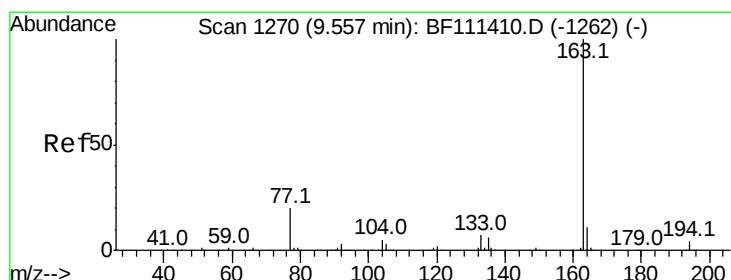
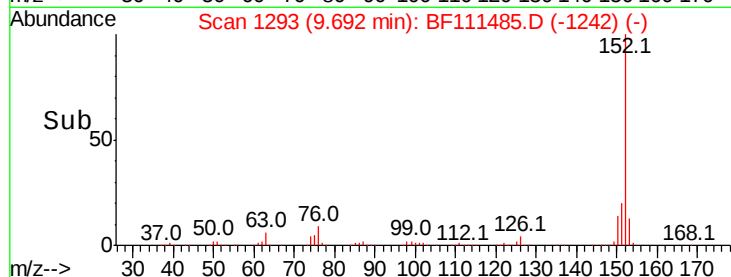
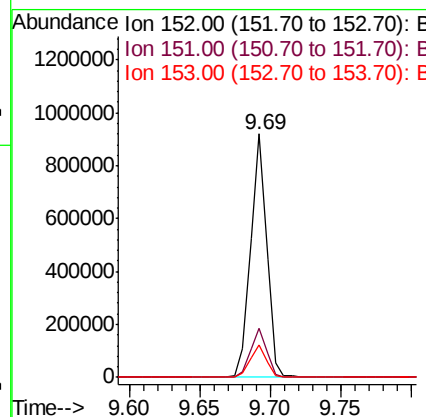
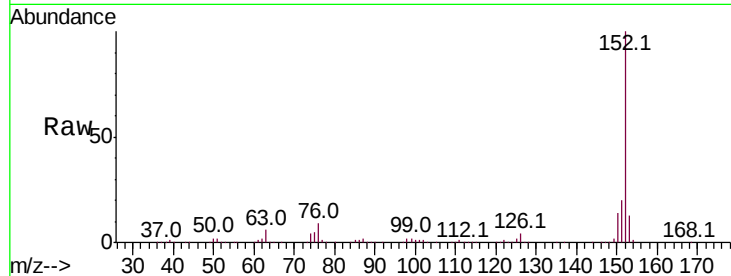
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.2	12.3	18.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.083 ng

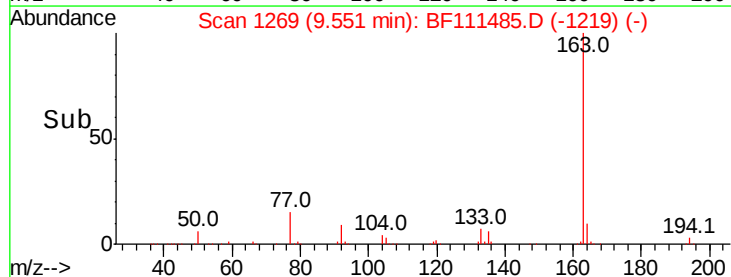
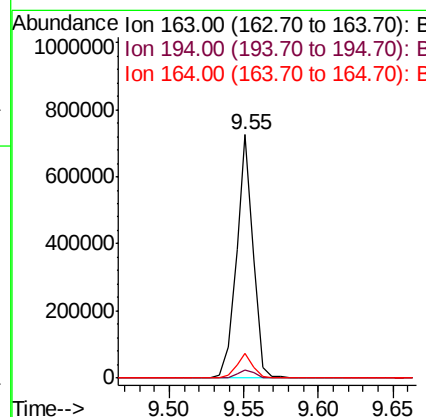
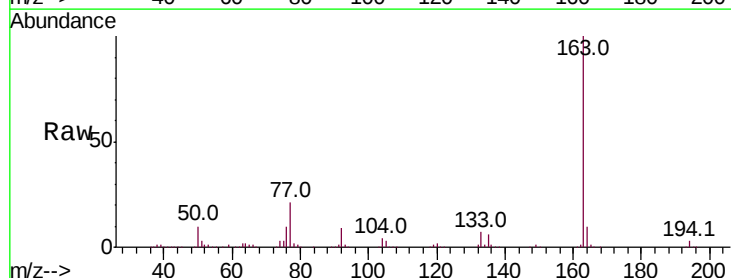
RT: 9.55 min Scan# 1269

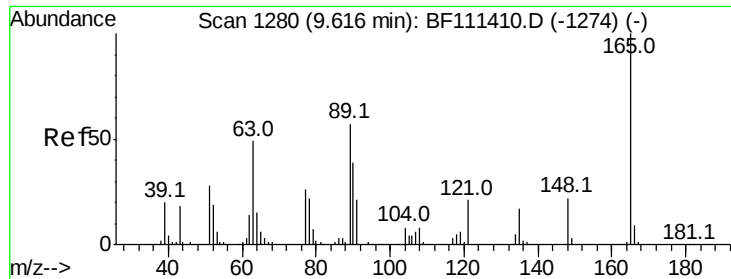
Delta R.T. -0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	9.9	8.9	13.3





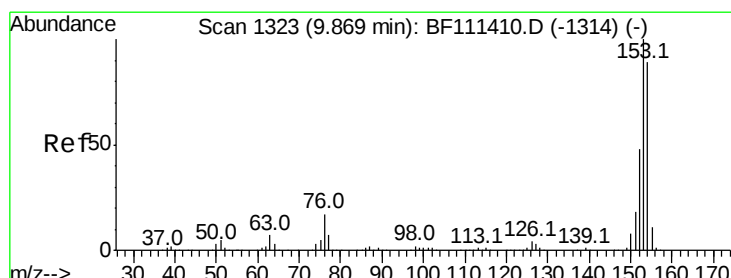
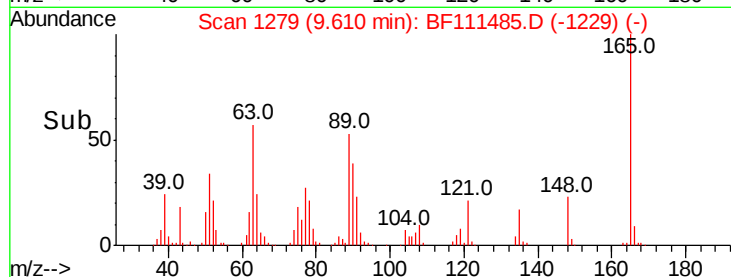
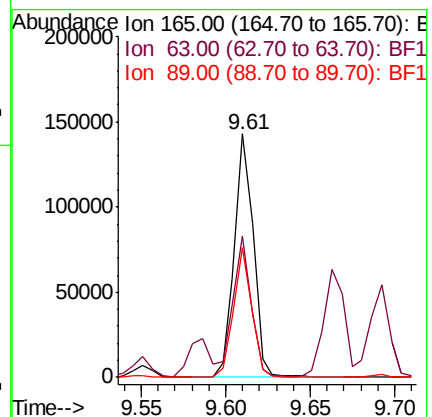
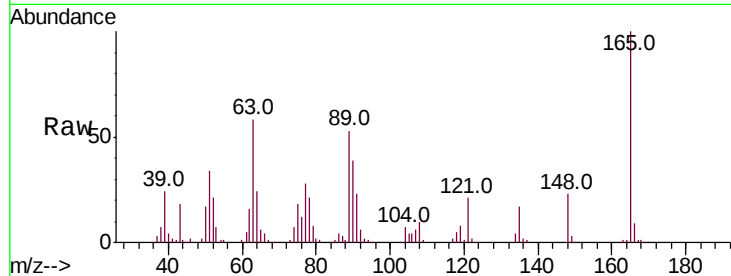
#51
2,6-Dinitrotoluene
Concen: 37.623 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	40.5	60.7
89	53.1	40.0	60.0

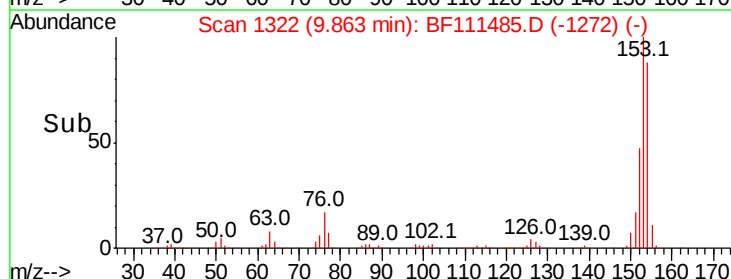
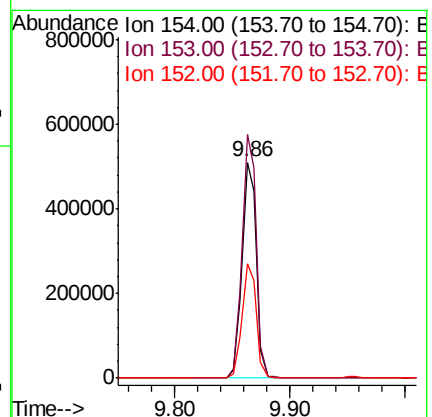
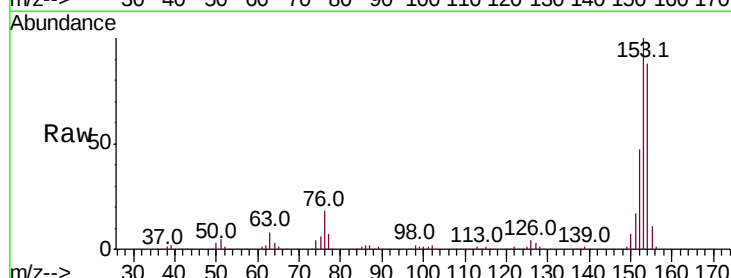
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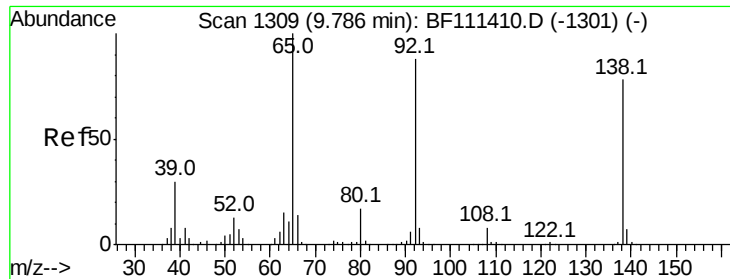
Sohil
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#52
Acenaphthene
Concen: 39.453 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.8	131.8
152	53.3	43.4	65.2





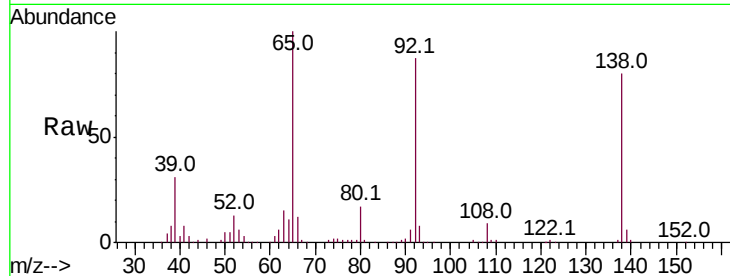
#53
3-Nitroaniline
Concen: 41.981 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	108.7	93.4	140.2

Manual Integrations
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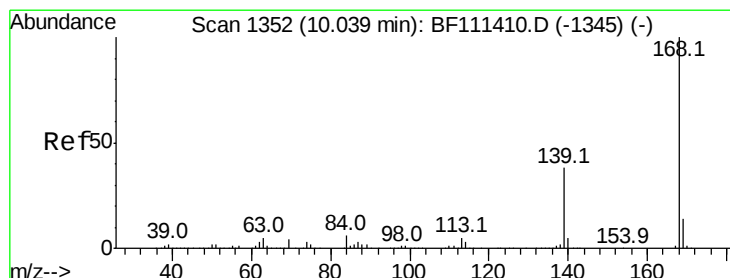
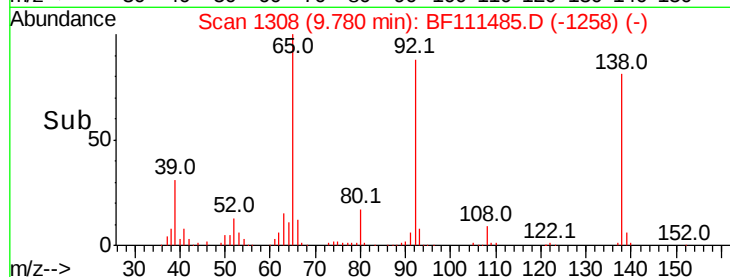
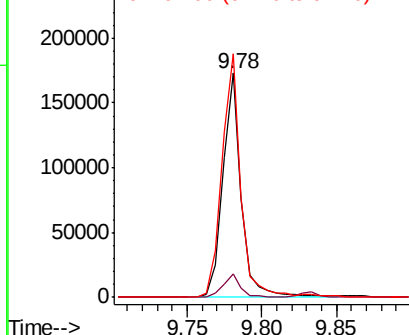


Abundance

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



#55
Dibenzofuran
Concen: 41.329 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

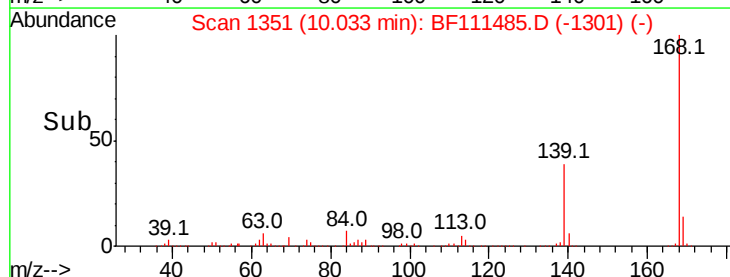
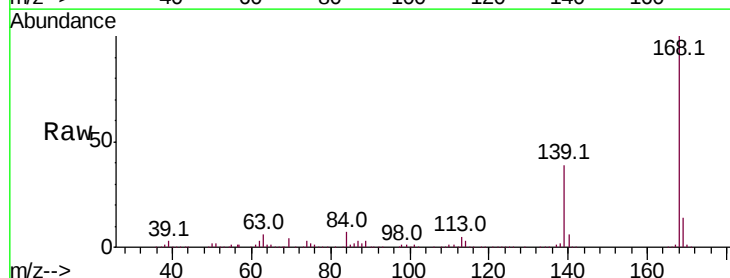
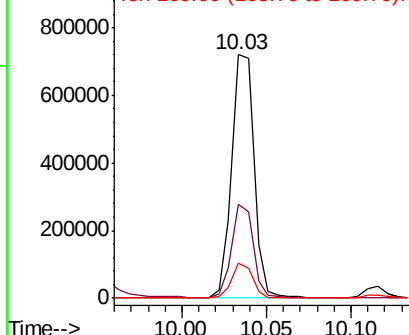
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.6	49.0
169	14.2	11.8	17.6

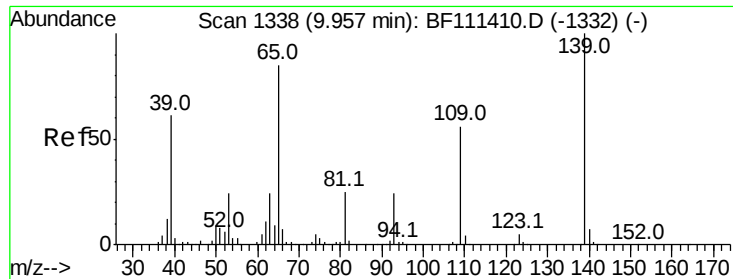
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





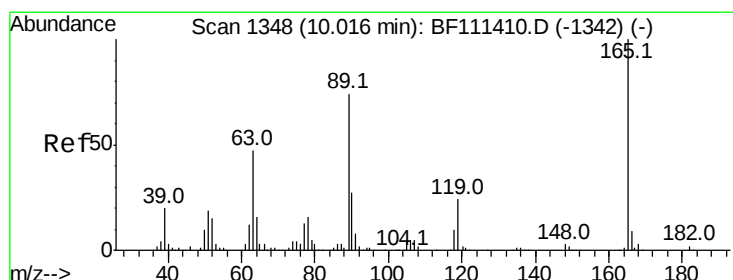
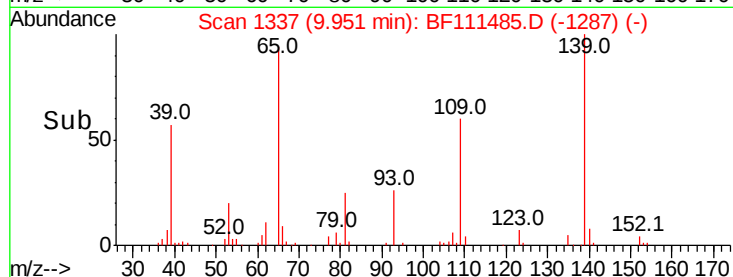
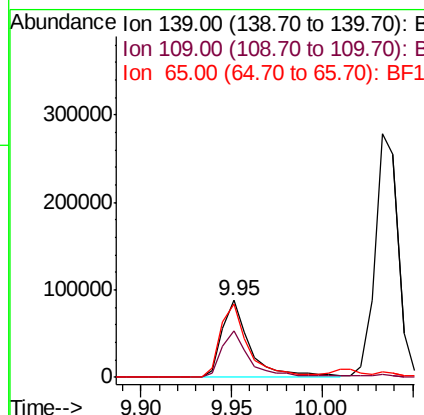
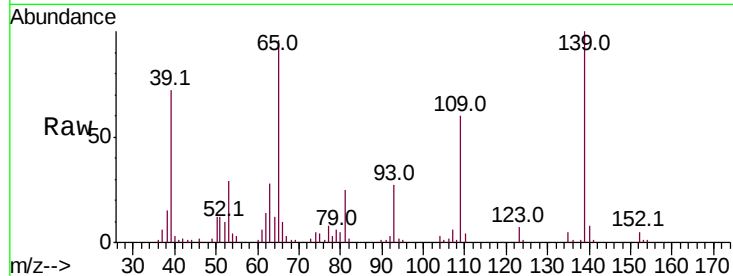
#56
4-Nitrophenol
Concen: 38.341 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.9	41.8	81.8
65	95.6	79.6	119.6

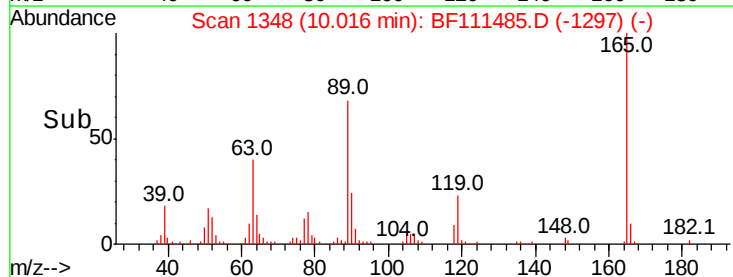
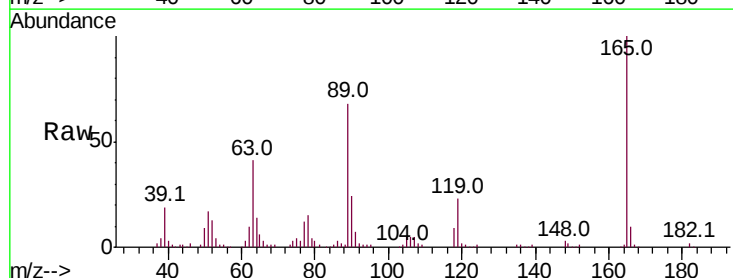
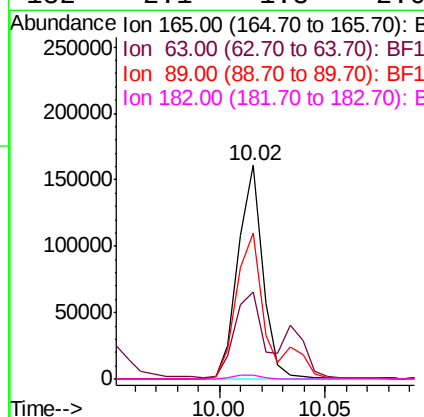
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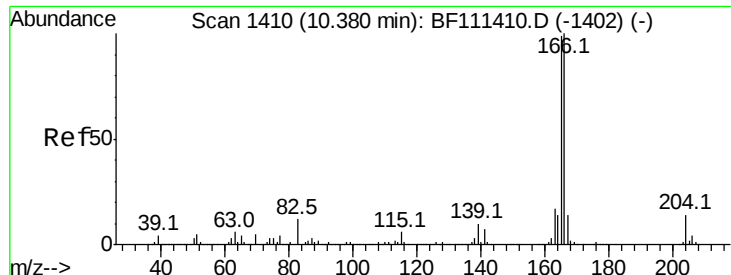
Sohil
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#57
2,4-Dinitrotoluene
Concen: 33.618 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	34.6	52.0
89	68.3	56.2	84.4
182	2.1	1.8	2.6





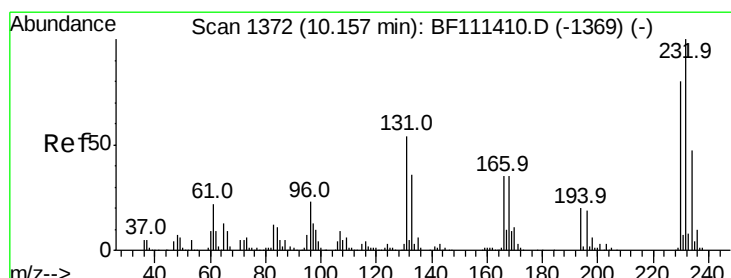
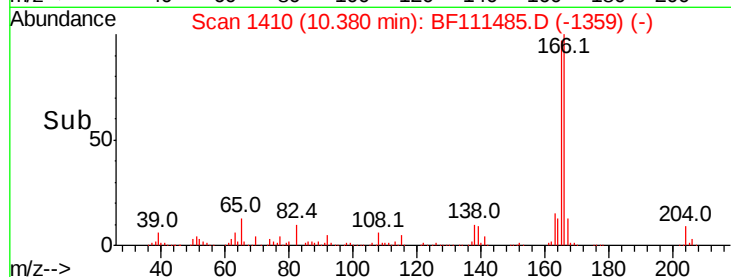
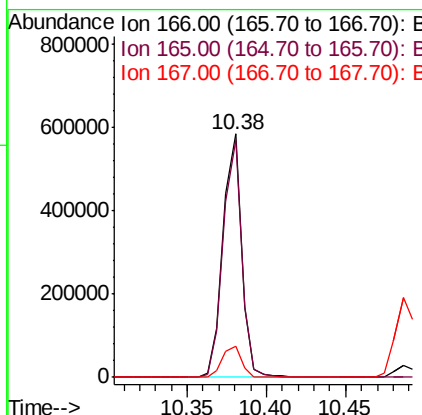
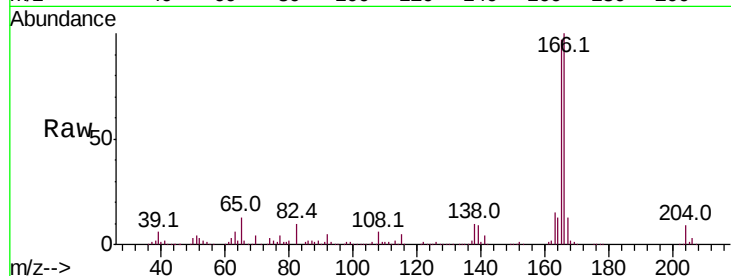
#58
 Fluorene
 Concen: 41.067 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	478689		
165	97.4		78.4	117.6
167	12.7		11.2	16.8

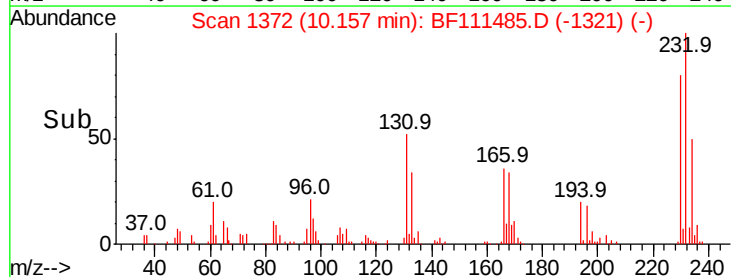
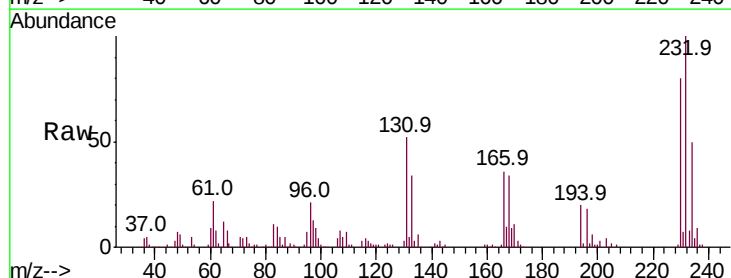
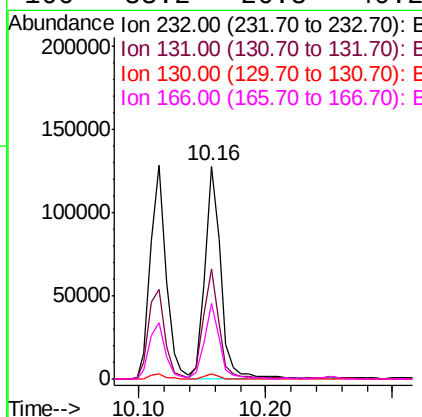
Manual Integrations
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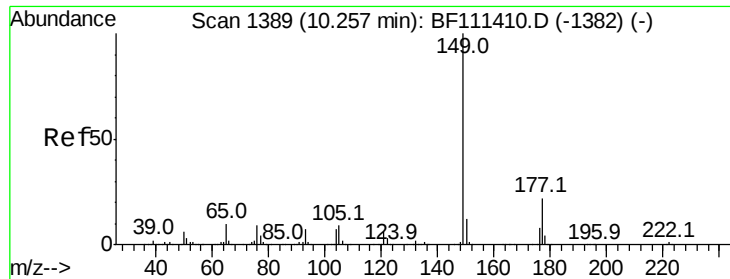
Sohil
 12/17/2018 3:12:28 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.629 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	111262		
131	51.8		40.9	61.3
130	2.2		2.0	3.0
166	33.2		26.8	40.2





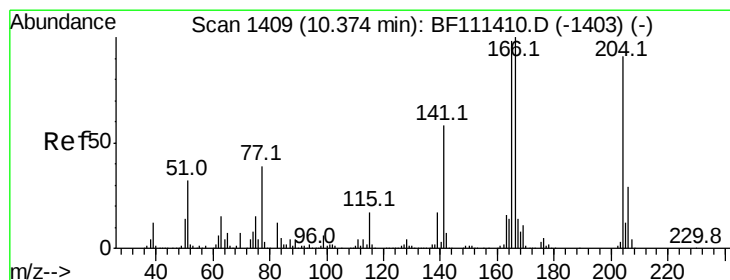
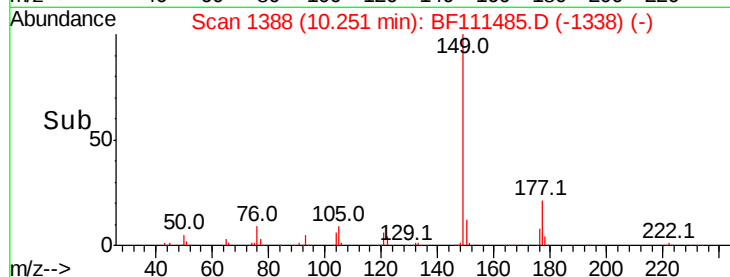
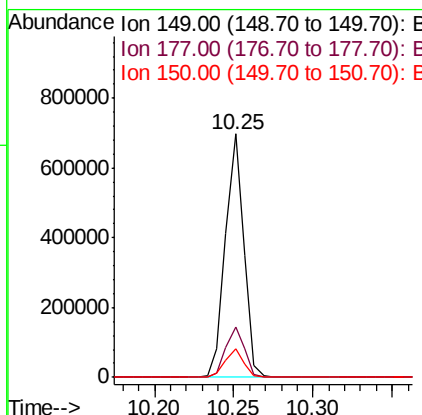
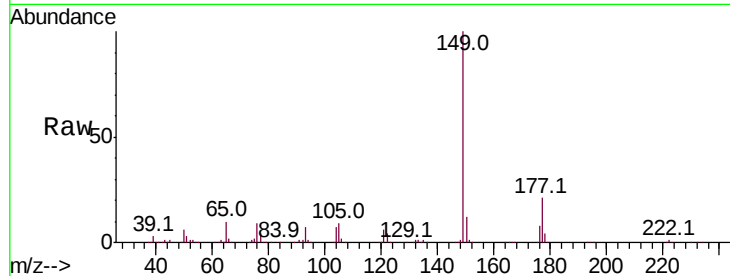
#60
Diethylphthalate
Concen: 42.150 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	18.3	27.5
150	11.8	10.6	15.8

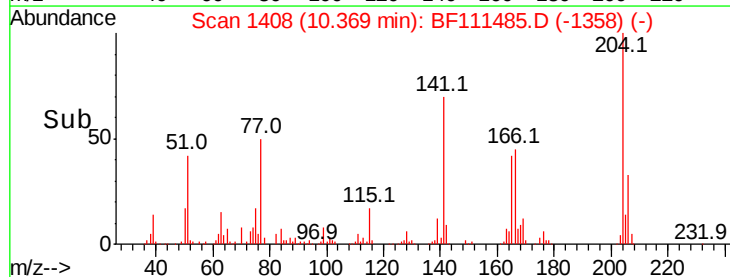
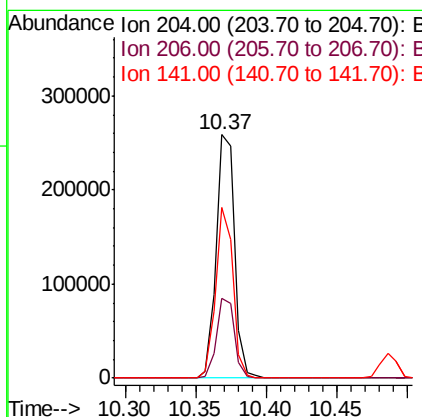
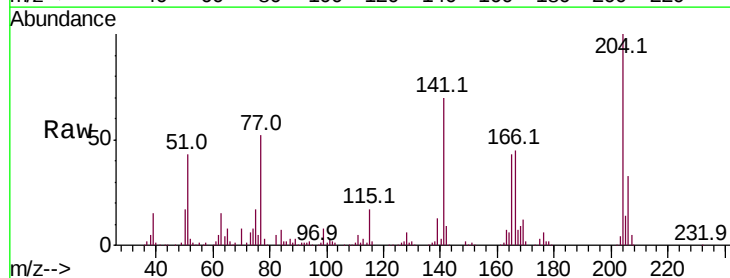
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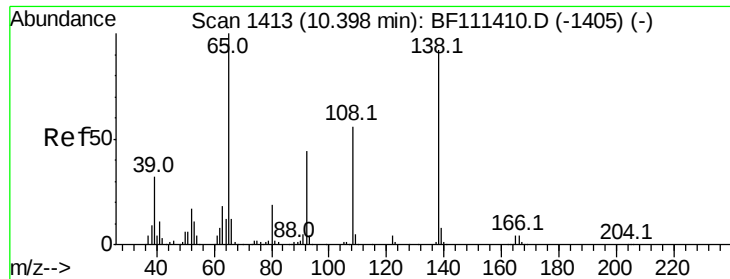
Sohil
12/17/2018 3:12:28 PM



#61
4-Chlorophenyl-phenylether
Concen: 41.241 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	70.0	52.6	78.8





#62

4-Nitroaniline

Concen: 42.846 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

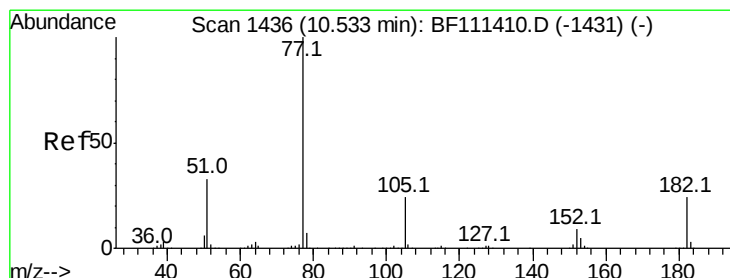
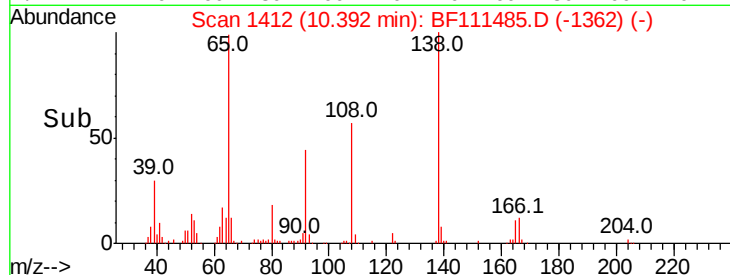
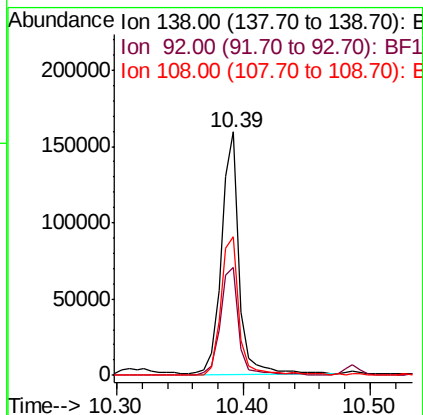
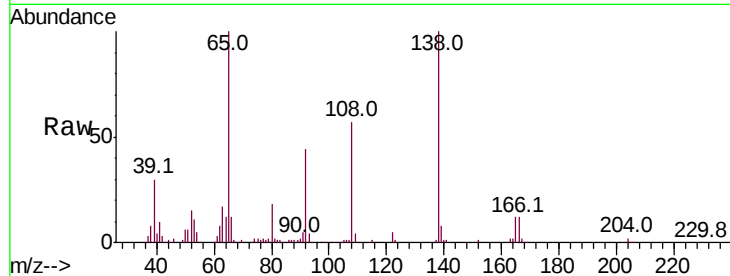
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	153021
Ion Ratio	Lower	Upper	
138	100		
92	44.4	29.9	69.9
108	56.9	43.2	83.2

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#63

Azobenzene

Concen: 38.422 ng

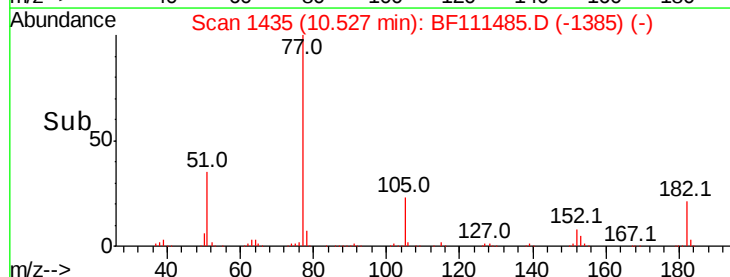
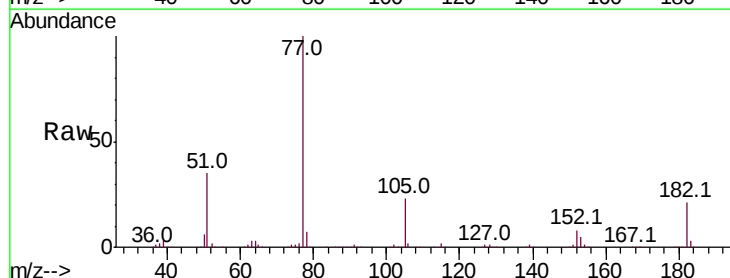
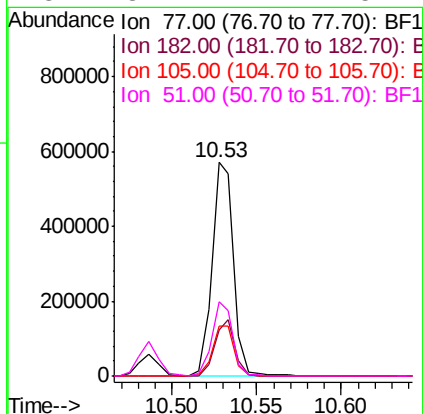
RT: 10.53 min Scan# 1435

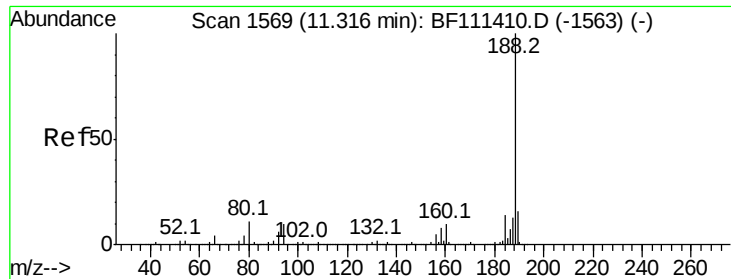
Delta R.T. -0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion:	77	Resp:	506301
Ion Ratio	Lower	Upper	
77	100		
182	21.3	4.9	44.9
105	23.3	6.0	46.0
51	34.7	14.7	54.7





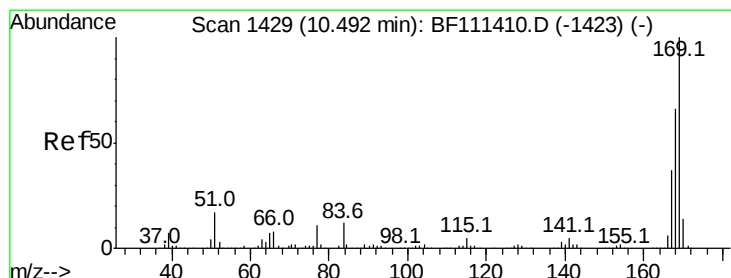
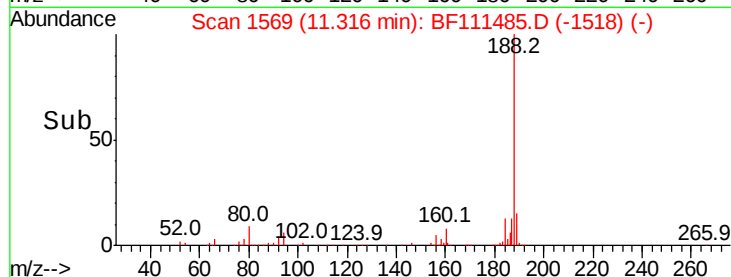
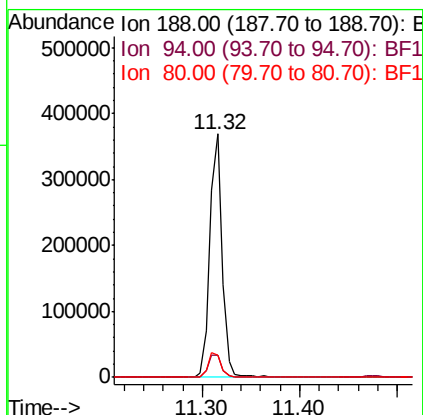
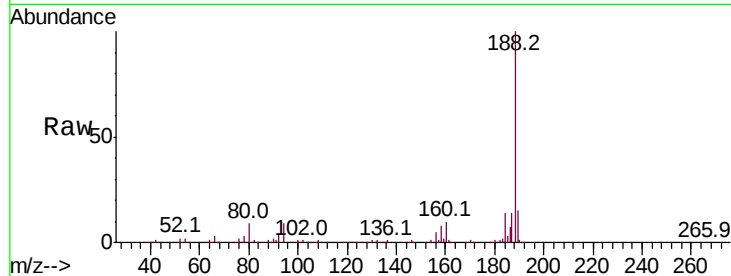
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.4	9.8	14.6#

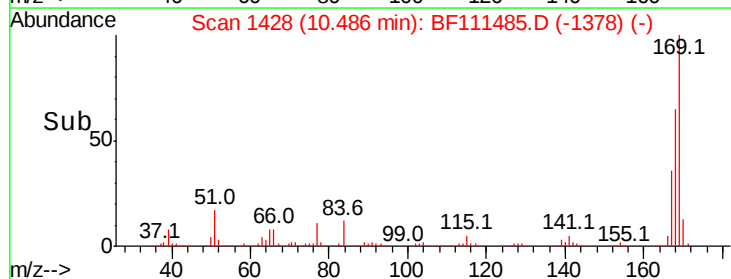
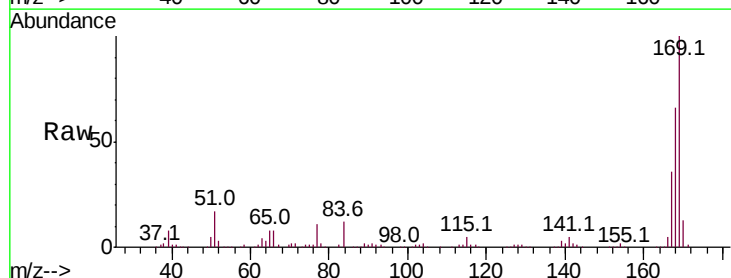
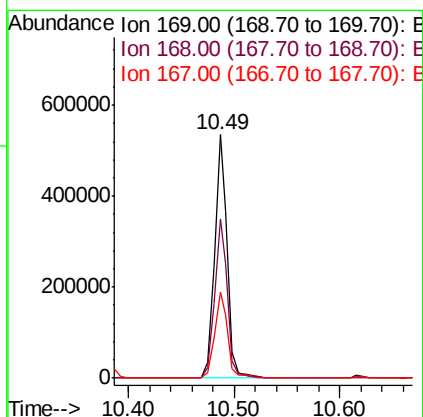
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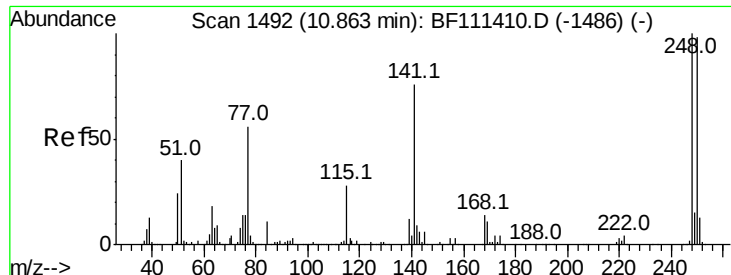
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.527 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	65.6	54.4	81.6
167	35.7	30.5	45.7





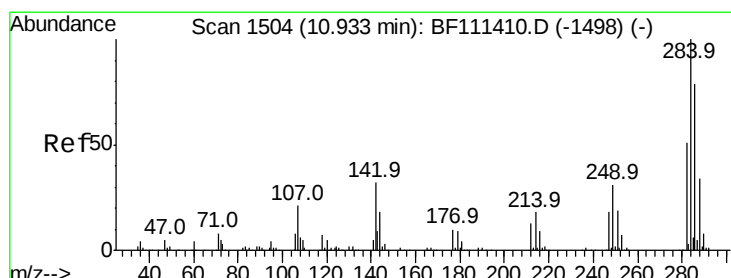
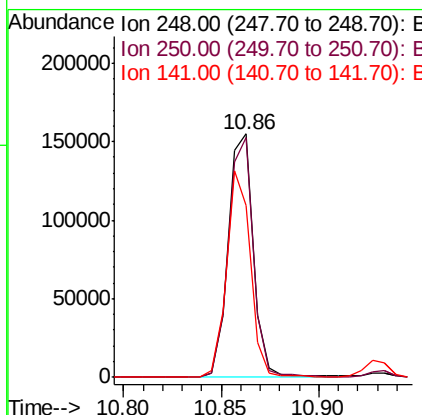
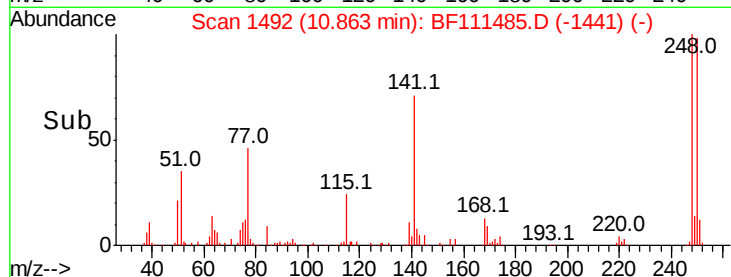
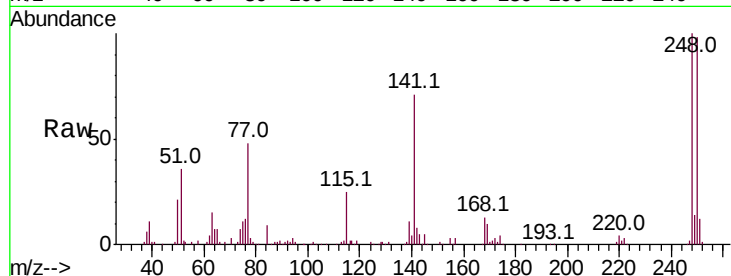
#67
 4-Bromophenyl-phenylether
 Concen: 39.915 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.4
141	70.8	63.0	94.6

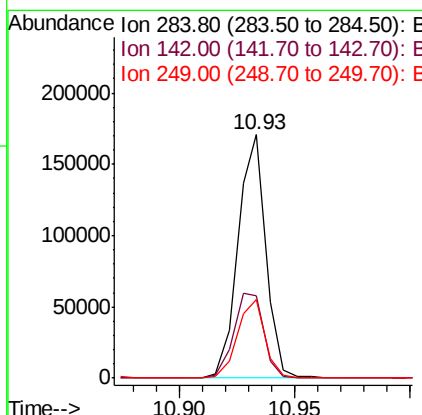
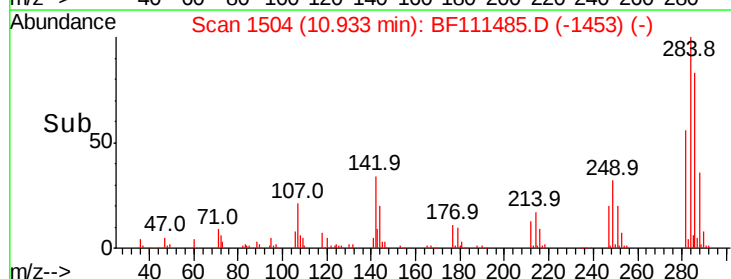
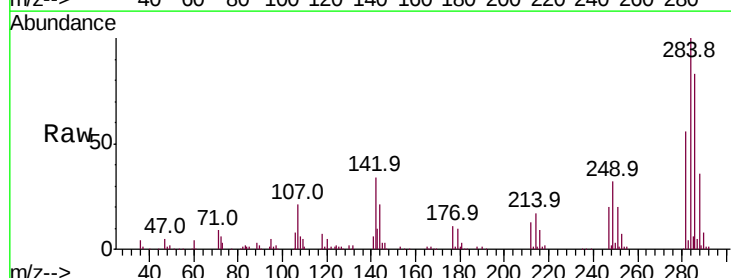
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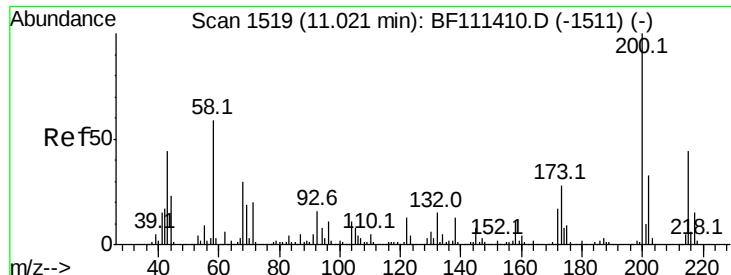
Sohil
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#68
 Hexachlorobenzene
 Concen: 40.083 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.4	41.2
249	32.0	24.4	36.6





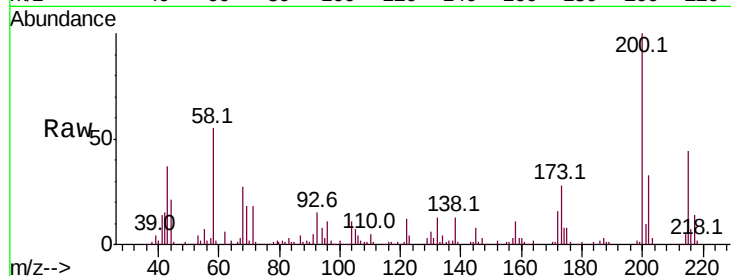
#69
Atrazine
Concen: 37.590 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

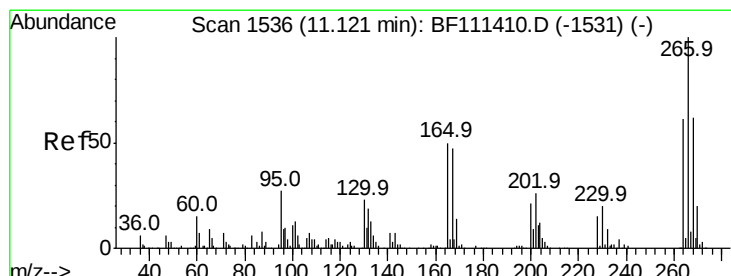
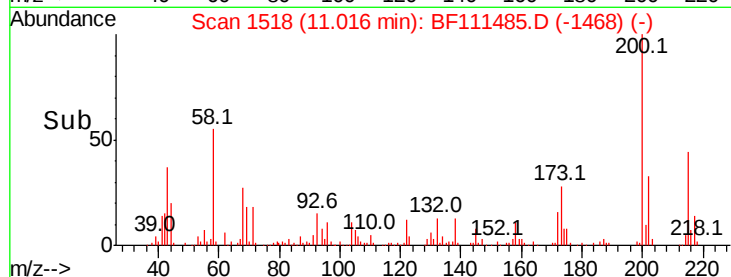
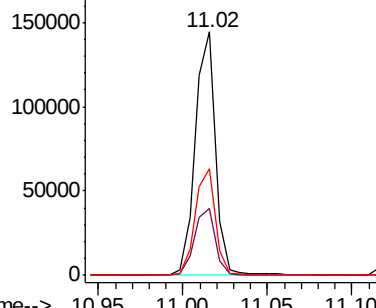
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	10.1	50.1
215	43.6	26.9	66.9

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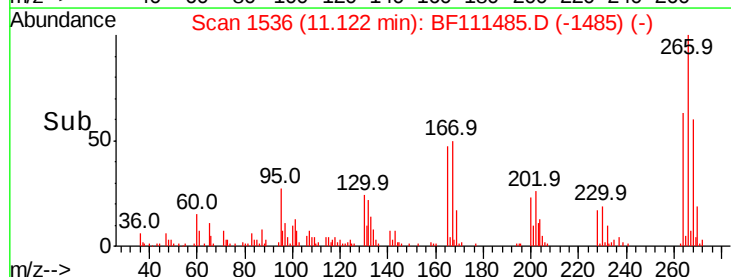
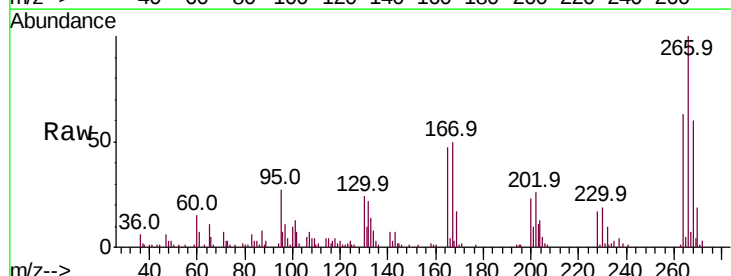
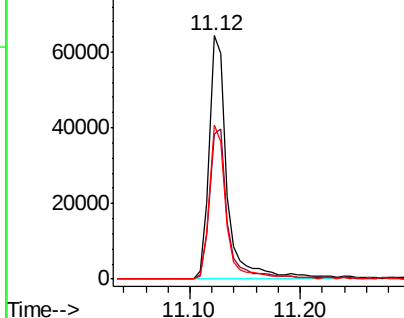
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

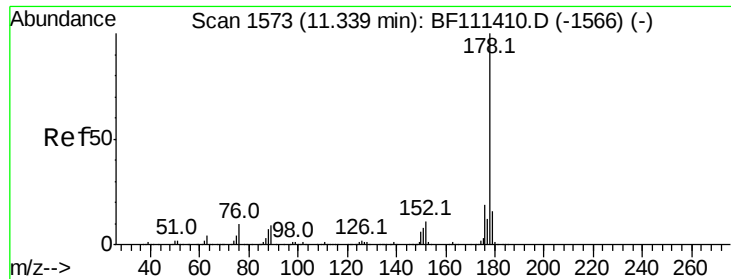


#70
Pentachlorophenol
Concen: 32.788 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.6	47.9	71.9
264	63.3	49.1	73.7

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





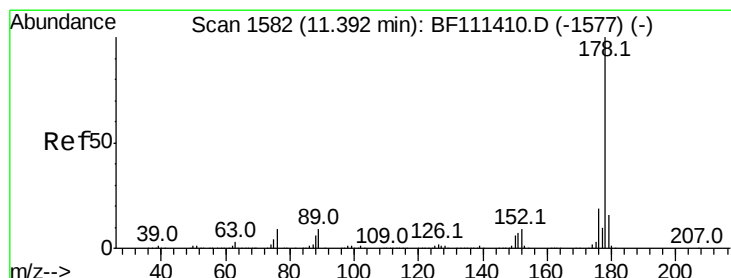
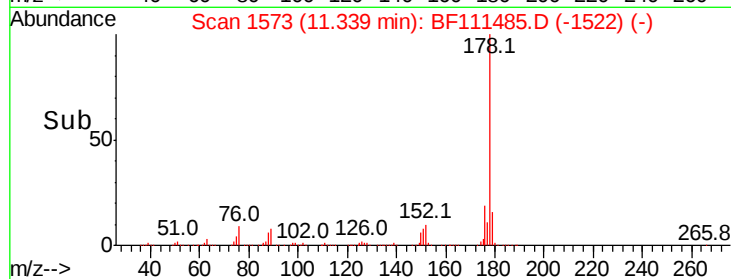
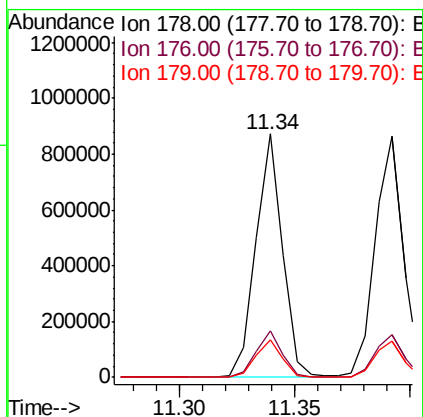
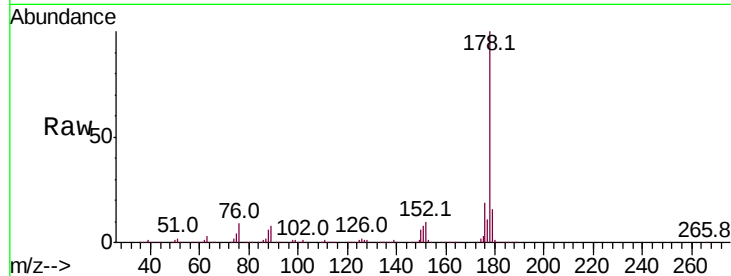
#71
Phenanthrene
Concen: 42.471 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	18.1	27.1
179	15.5	14.0	21.0

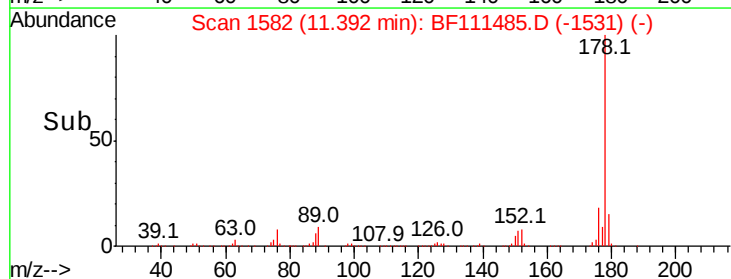
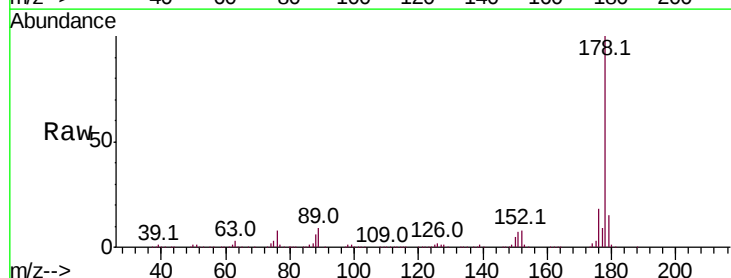
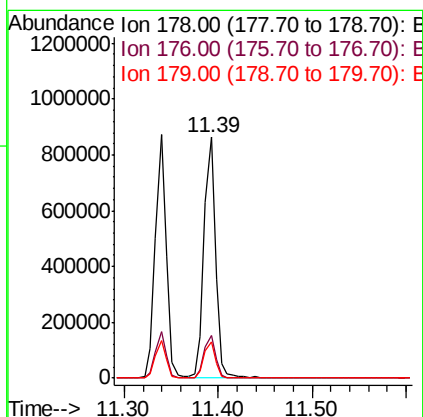
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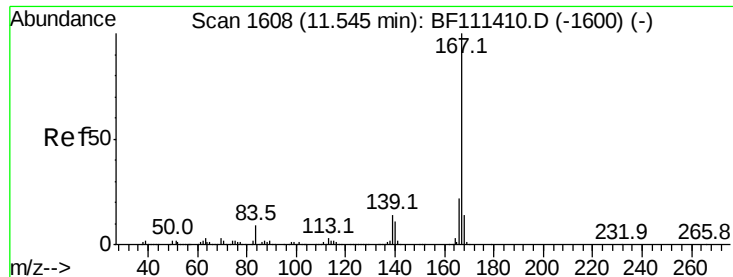
Sohil
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#72
Anthracene
Concen: 43.892 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	17.2	25.8
179	15.3	13.8	20.8





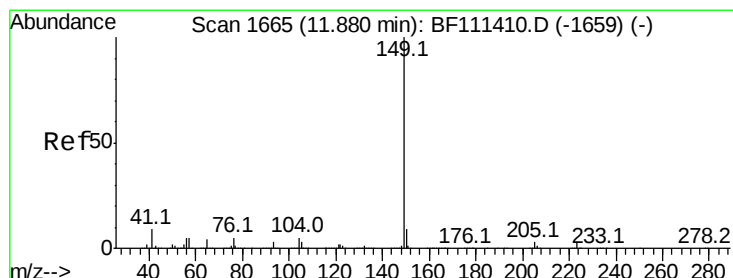
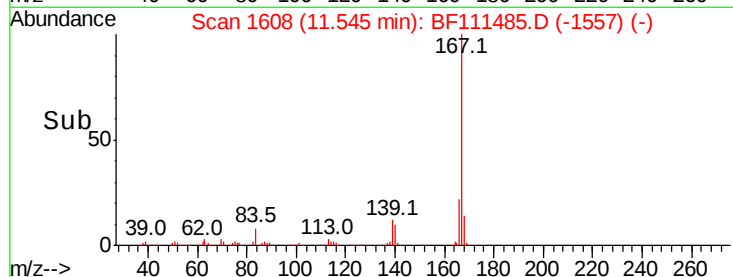
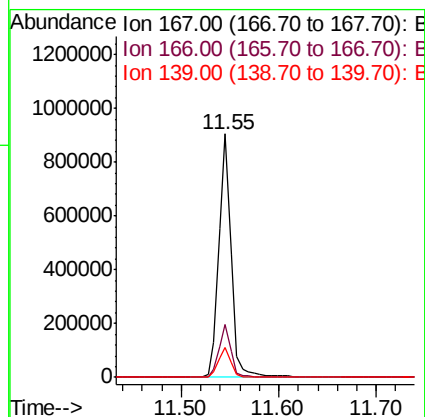
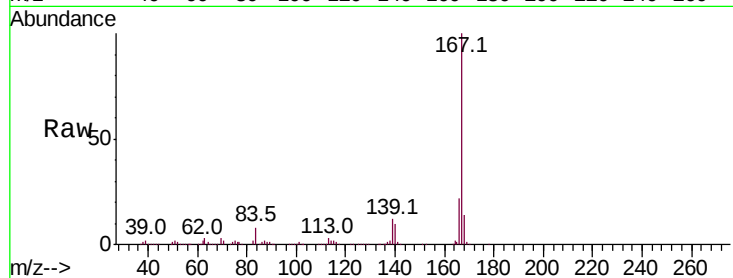
#73
 Carbazole
 Concen: 45.490 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	12.5	11.9	17.9

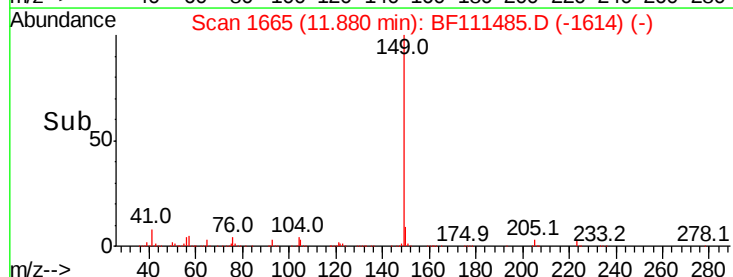
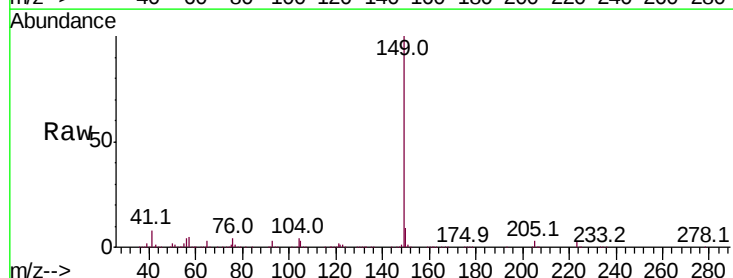
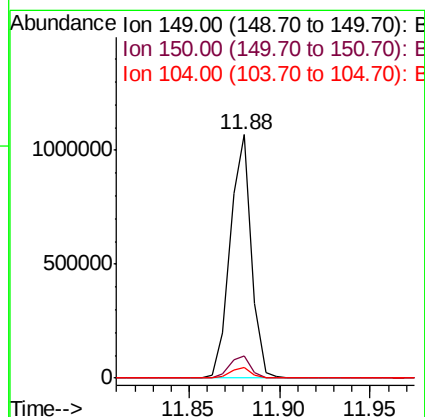
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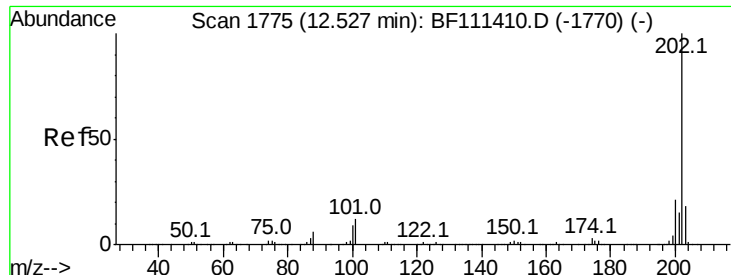
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.544 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.8	13.2
104	4.3	4.5	6.7#





#75

Fluoranthene

Concen: 50.984 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

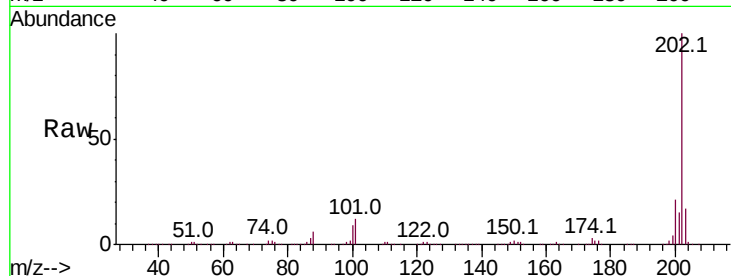
ClientSampleId :

SSTDCCC040

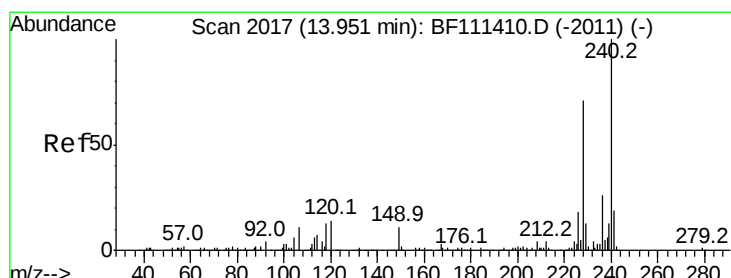
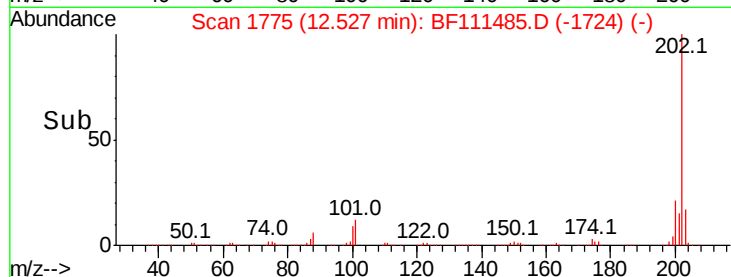
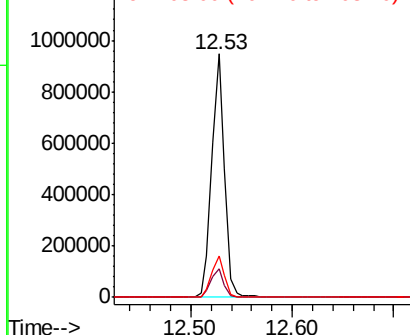
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.0	0.0	33.8	
203	17.2	0.0	38.6	

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



#76

Chrysene-d12

Concen: 20.000 ng

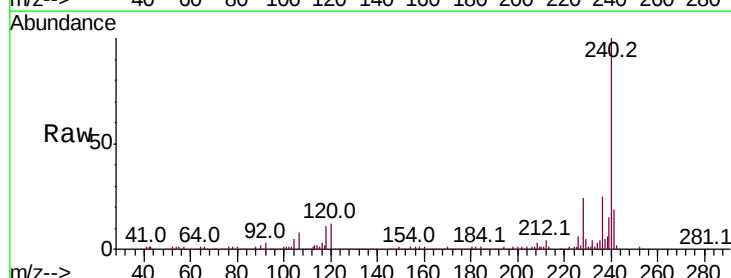
RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

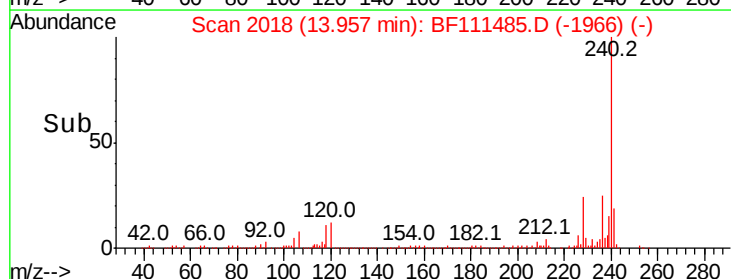
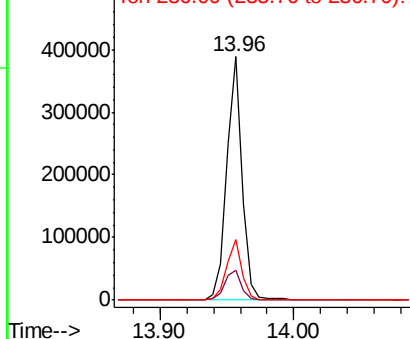
Lab File: BF111485.D

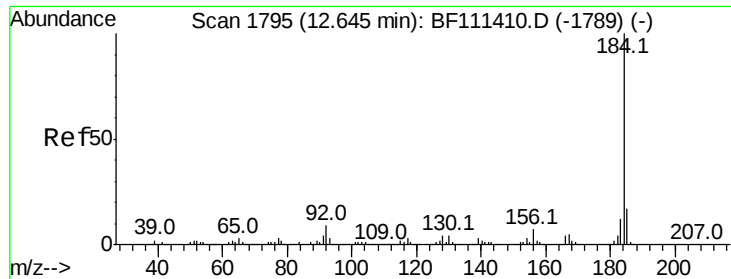
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.1	12.2	18.2#	
236	24.7	20.2	30.2	



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: 41.252 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 482435

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

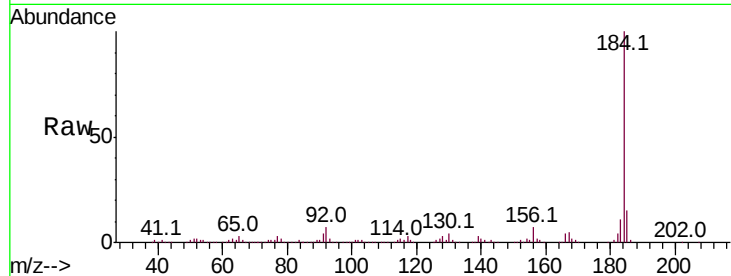
183 11.1 9.3 13.9

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Sohil

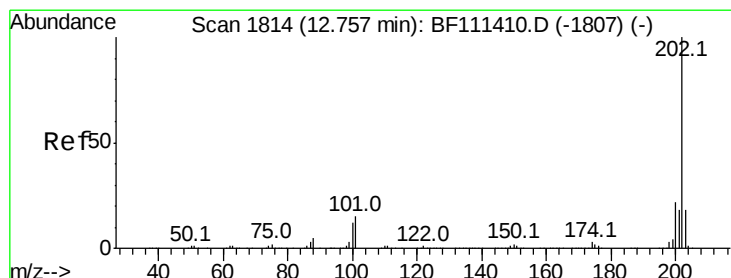
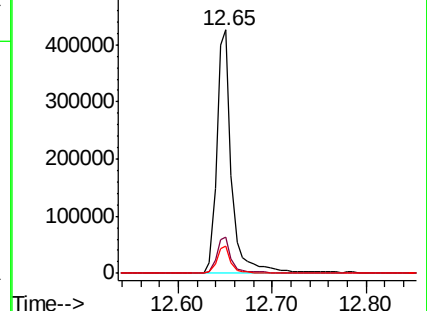
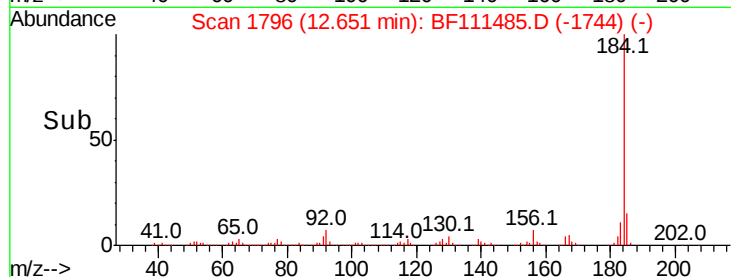
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.602 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

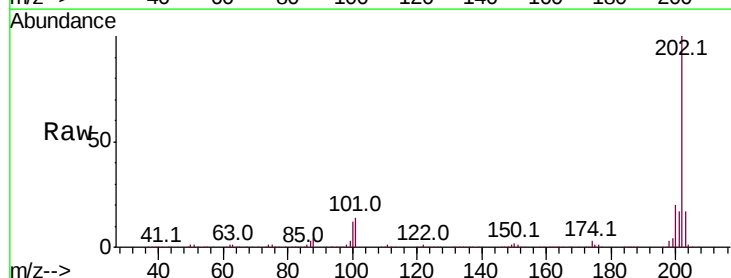
Tgt Ion:202 Resp: 888270

Ion Ratio Lower Upper

202 100

200 20.5 19.0 28.4

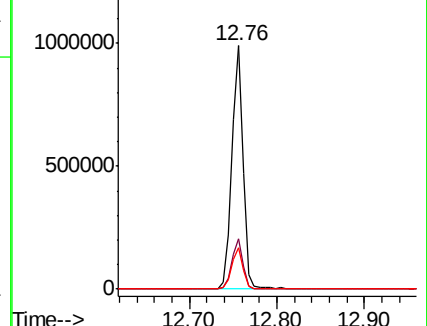
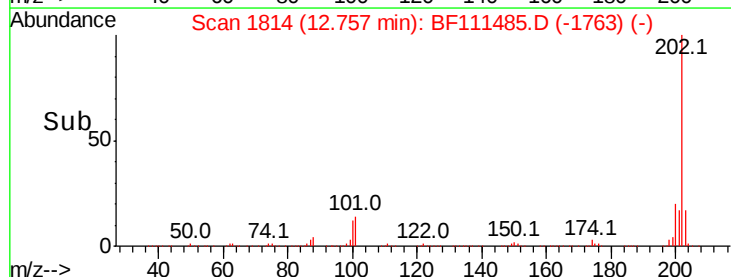
203 17.2 15.2 22.8

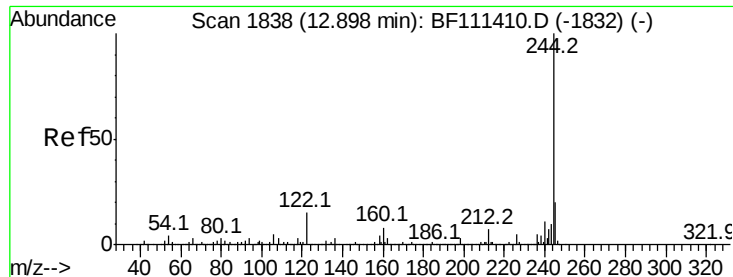


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





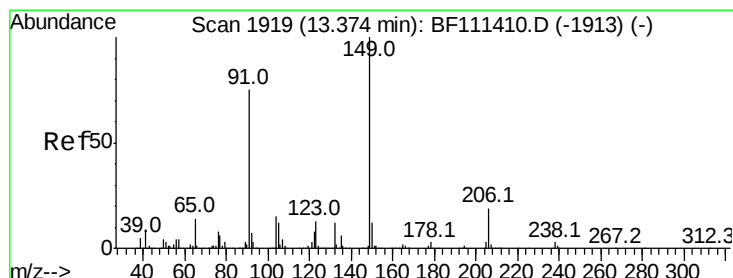
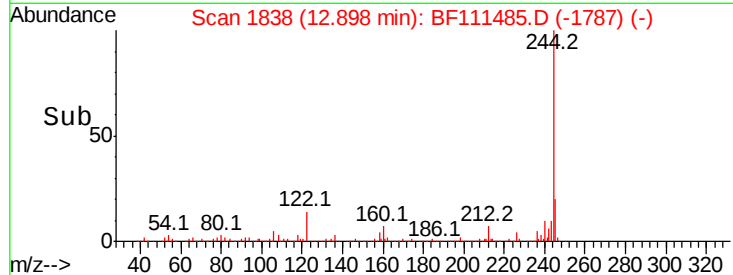
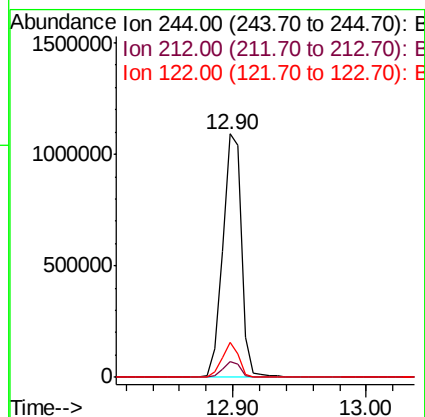
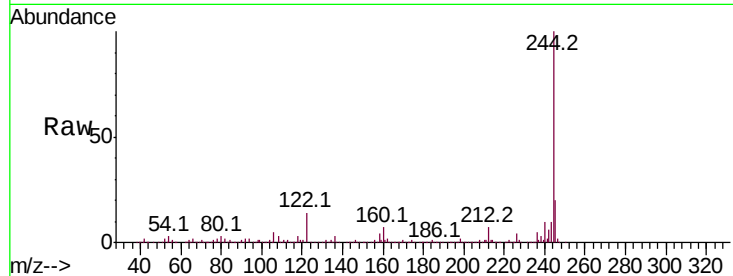
#79
Terphenyl-d14
Concen: 80.256 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	14.2	13.1	19.7

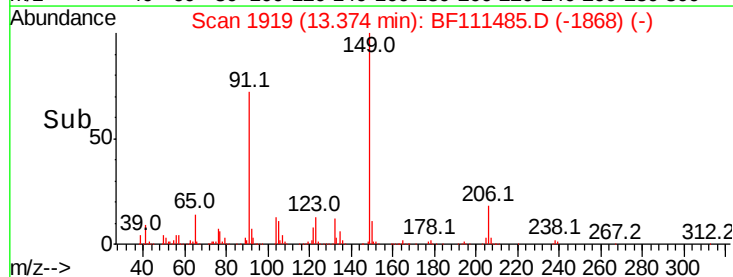
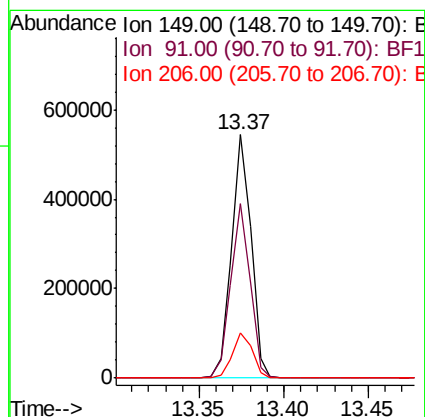
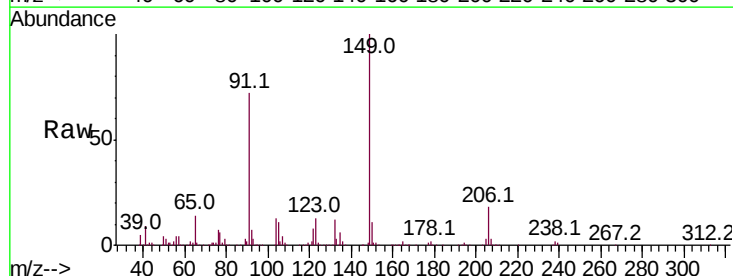
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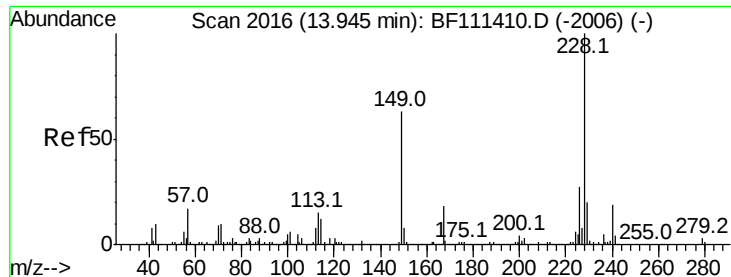
Sohil
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#80
Butylbenzylphthalate
Concen: 40.107 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	63.8	95.6
206	18.4	15.1	22.7





#81

Benzo(a)anthracene

Concen: 41.124 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

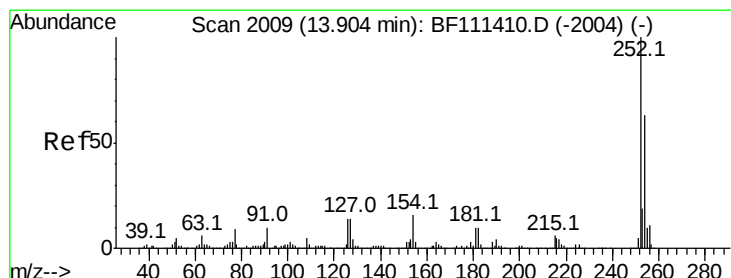
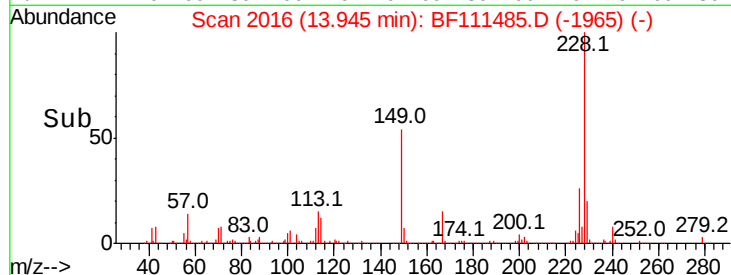
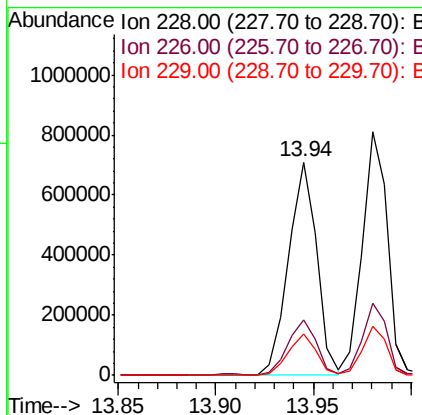
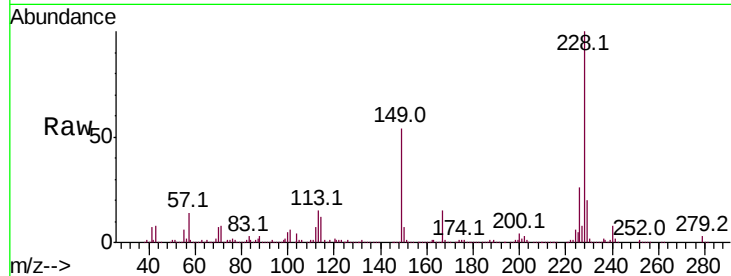
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	711378
Ion Ratio	Lower	Upper	
228	100		
226	26.2	22.6	34.0
229	19.7	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 42.478 ng

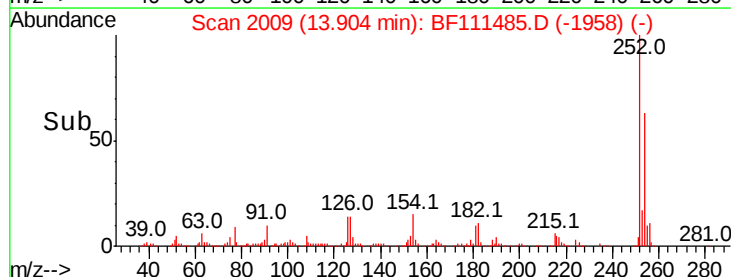
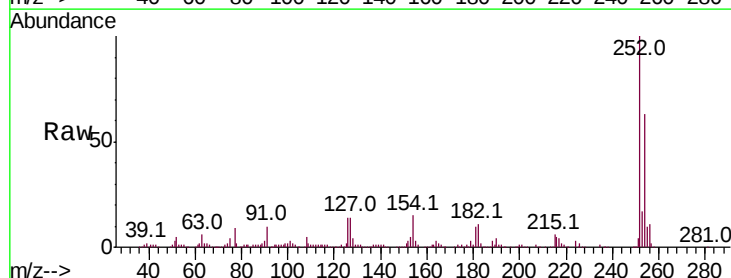
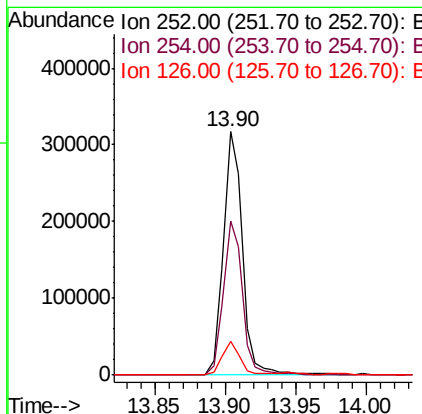
RT: 13.90 min Scan# 2009

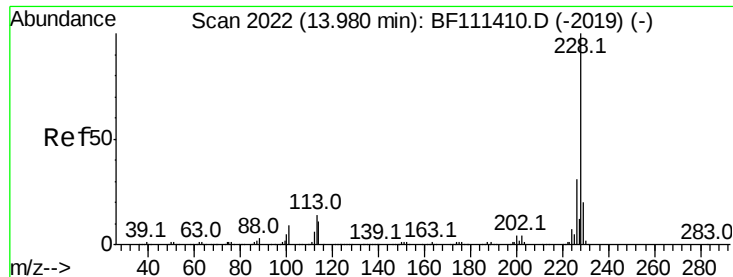
Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion:	252	Resp:	298715
Ion Ratio	Lower	Upper	
252	100		
254	63.3	52.7	79.1
126	13.7	11.1	16.7





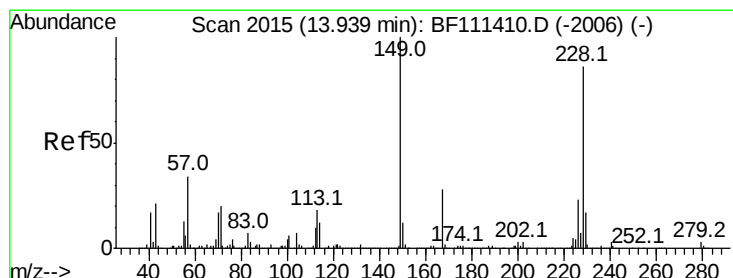
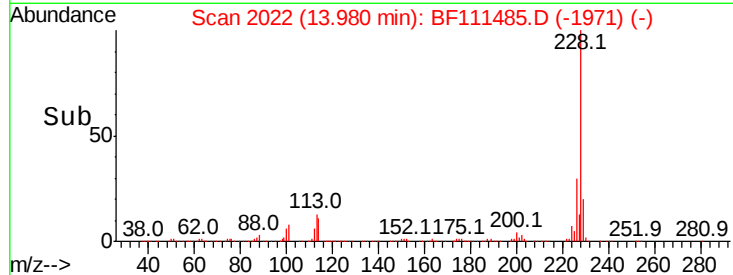
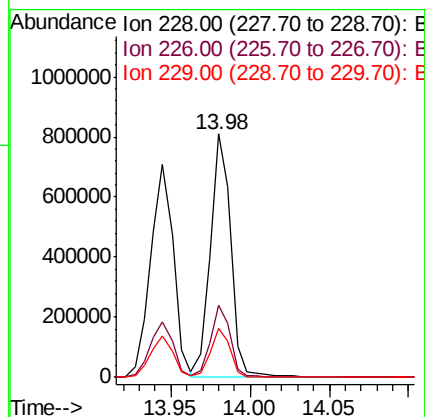
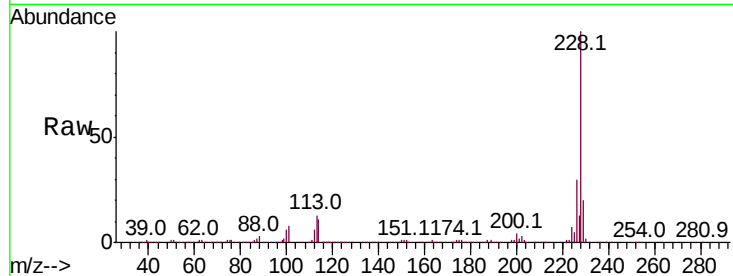
#83
 Chrysene
 Concen: 39.921 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.3	37.9
229	20.1	17.2	25.8

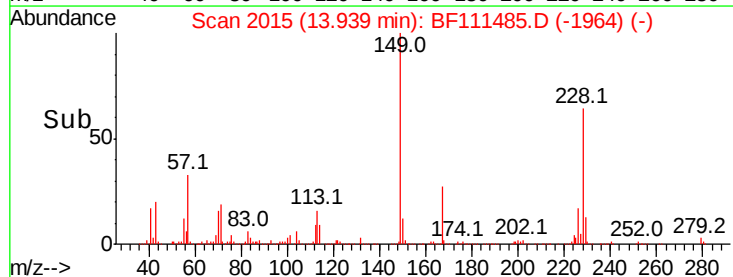
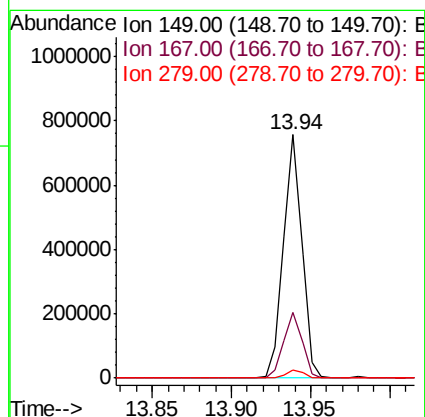
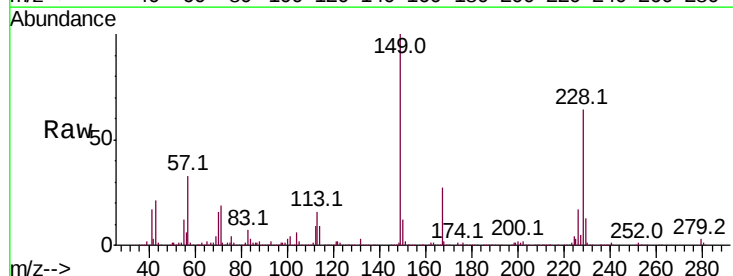
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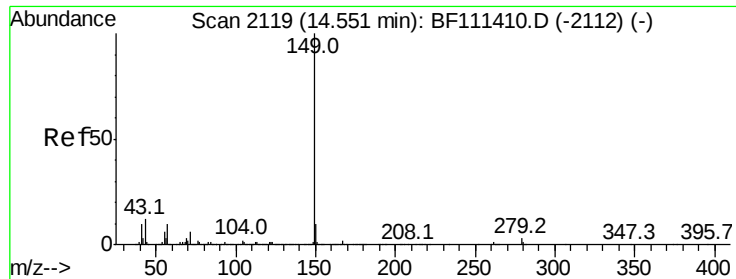
Sohil
 12/17/2018 3:12:28 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.168 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF111485.D
 Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	3.2	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 46.823 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1102878

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

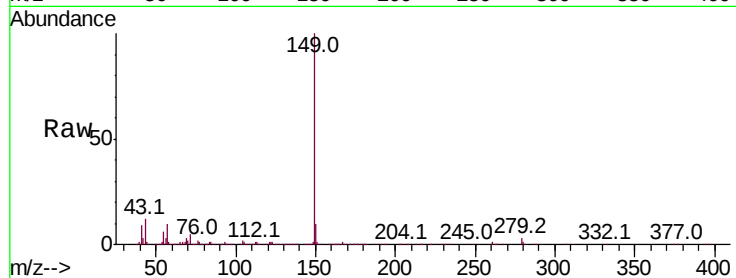
43 13.2 10.9 16.3

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

1500000

1000000

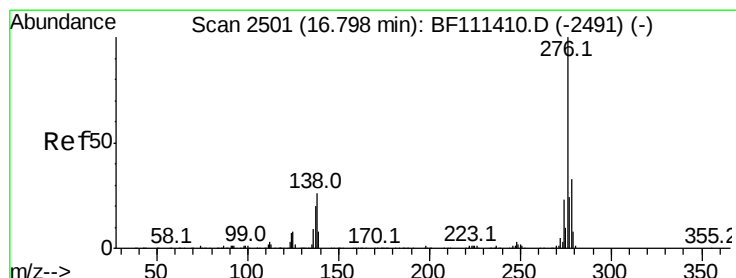
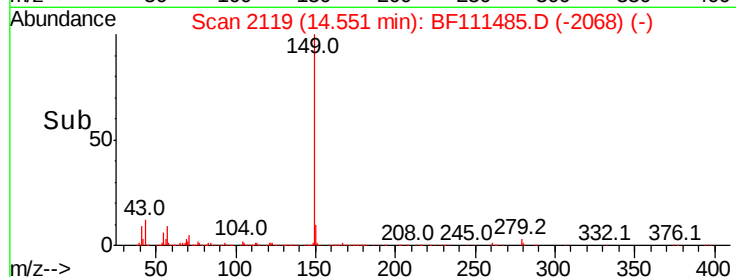
500000

0

14.55

14.50 14.60 14.70

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.298 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

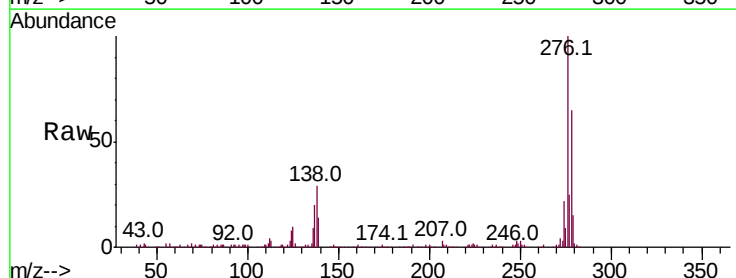
Tgt Ion:276 Resp: 451084

Ion Ratio Lower Upper

276 100

138 30.7 27.8 41.6

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

250000

200000

150000

100000

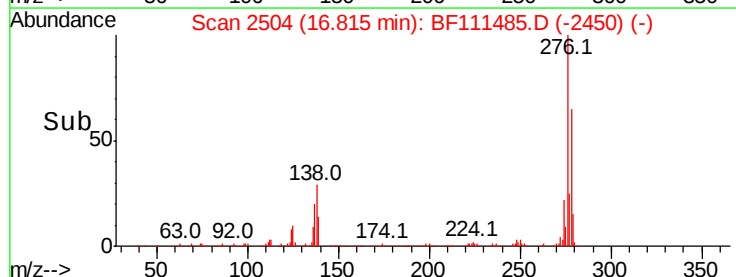
50000

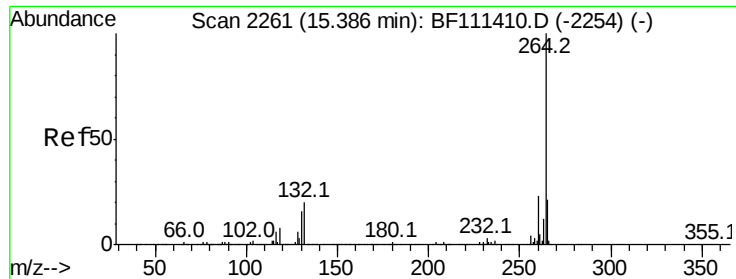
0

16.82

16.70 16.80 16.90 17.00

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Instrument :

BNA_F

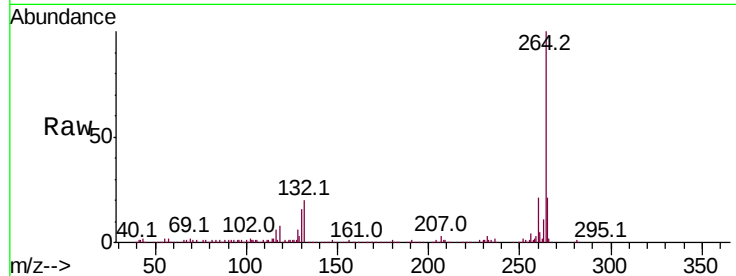
ClientSampleId :

SSTDCCC040

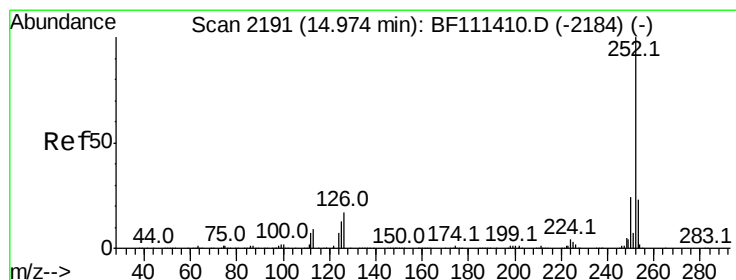
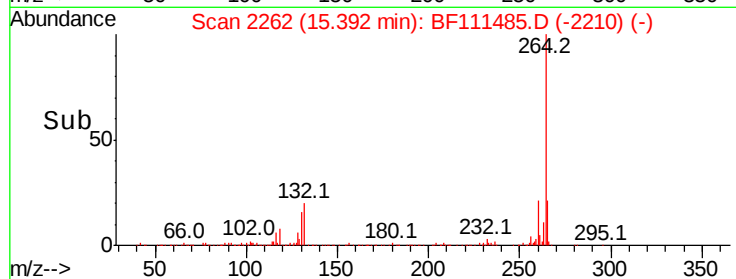
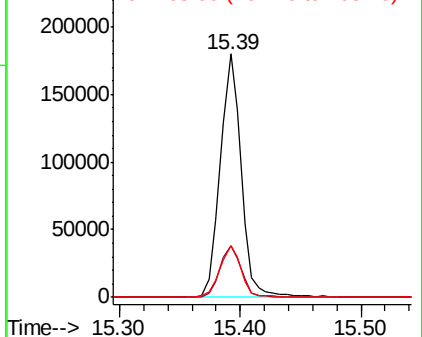
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.3	27.5
265	21.4	17.7	26.5

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



#88

Benzo(b)fluoranthene

Concen: 41.574 ng

RT: 14.98 min Scan# 2192

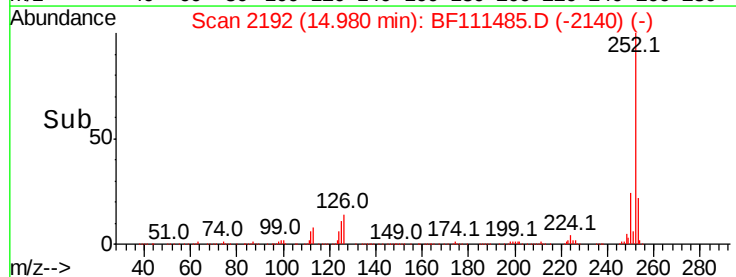
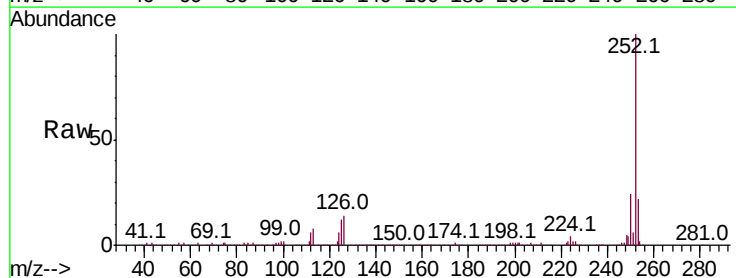
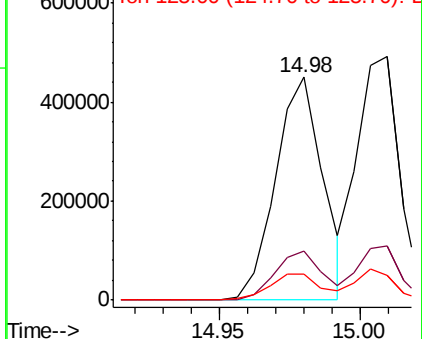
Delta R.T. 0.01 min

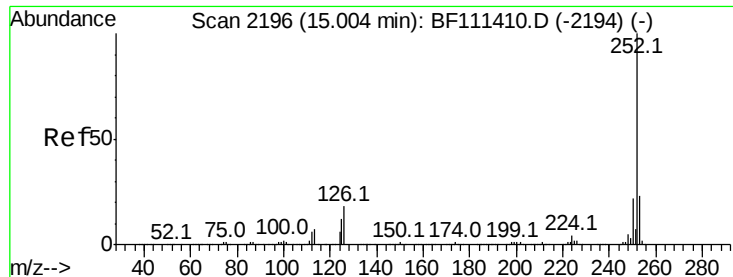
Lab File: BF111485.D

Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.6	10.4	15.6

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





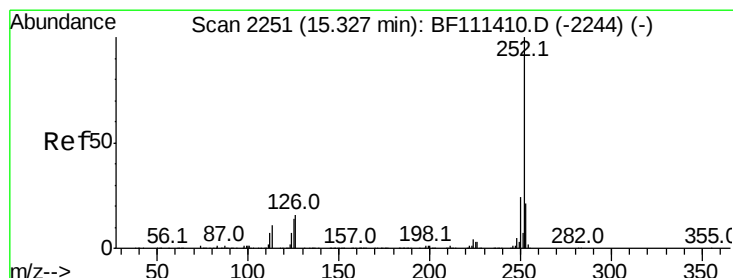
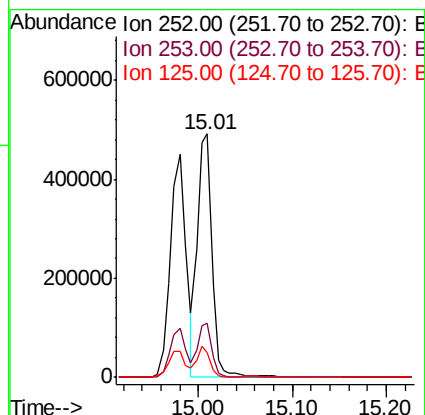
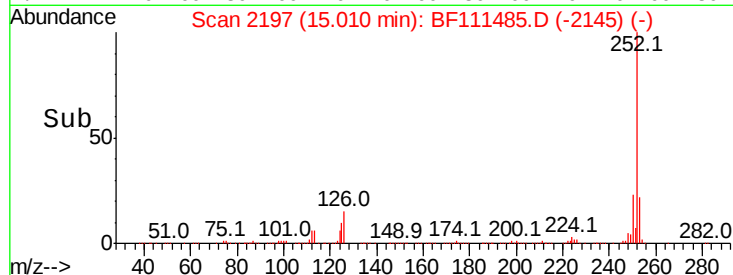
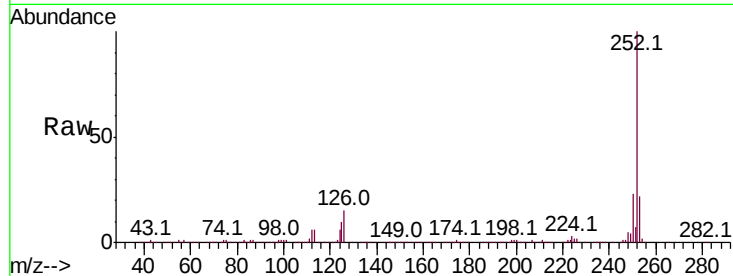
#89
Benzo(k)fluoranthene
Concen: 43.992 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.4	9.8	14.8

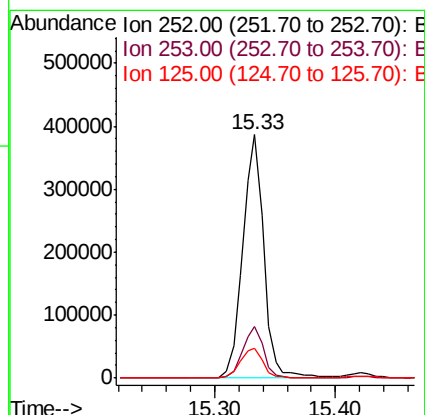
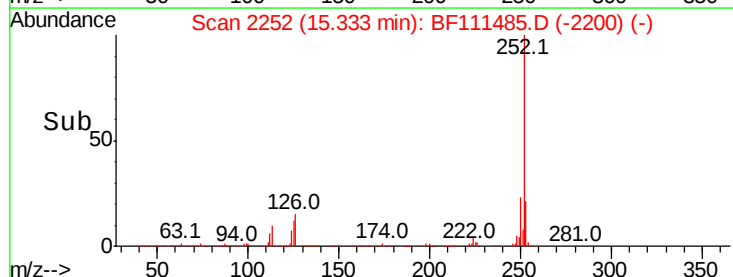
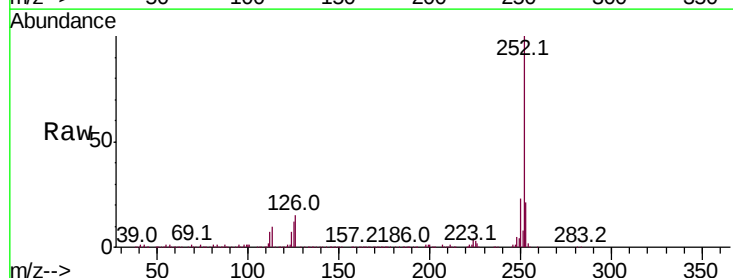
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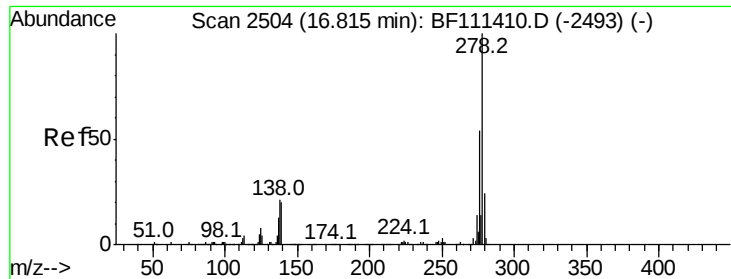
Sohil
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#90
Benzo(a)pyrene
Concen: 41.415 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	12.2	12.3	18.5





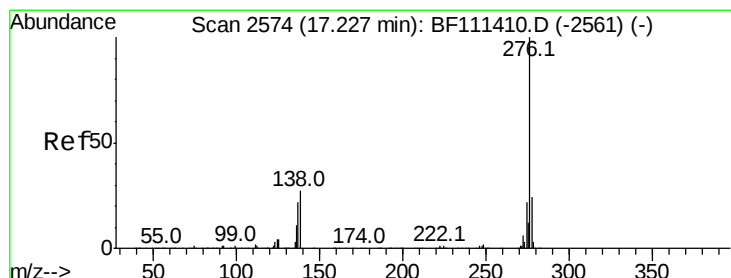
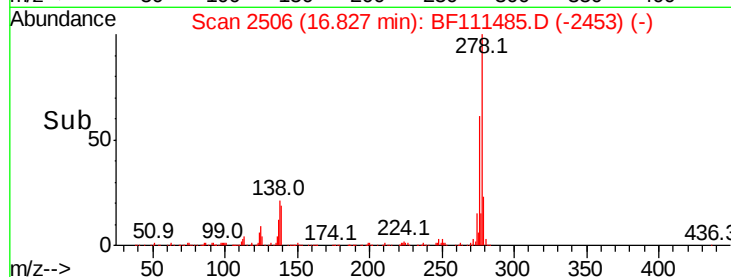
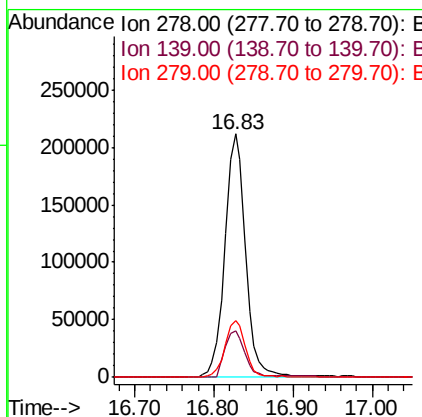
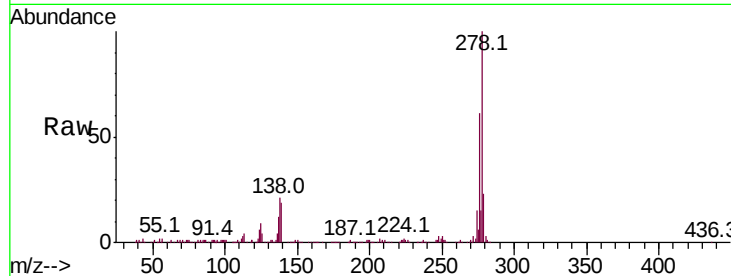
#91
Dibenzo(a,h)anthracene
Concen: 43.019 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	18.2	27.4
279	23.4	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 42.796 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111485.D
Acq: 15 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	25.3	24.9	37.3

