

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111629.D
 Acq On : 20 Dec 2018 10:25
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

Sohil
 12/21/2018 2:46:32 PM

Quant Time: Dec 20 15:49:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	207734	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	777840	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	402901	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	782226	20.00	ng	0.00
76) Chrysene-d12	14.06	240	606000	20.00	ng	0.00
87) Perylene-d12	15.53	264	472062	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	975341	80.03	ng	0.00
7) Phenol-d6	6.53	99	1252888	80.78	ng	0.00
23) Nitrobenzene-d5	7.46	82	1143840	85.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	411123	86.36	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2153216	77.90	ng	0.00
79) Terphenyl-d14	13.00	244	2494992	78.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	220965	38.536	ng	96
3) Pyridine	3.46	79	583028	39.029	ng	96
4) n-Nitrosodimethylamine	3.40	42	285175	39.007	ng	87
6) Aniline	6.56	93	794311	40.177	ng	99
8) 2-Chlorophenol	6.69	128	553320	40.986	ng	95
9) Benzaldehyde	6.45	77	434072	40.693	ng	95
10) Phenol	6.54	94	710229	40.584	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	521397	39.760	ng	99
12) 1,3-Dichlorobenzene	6.85	146	629373	40.227	ng	98
13) 1,4-Dichlorobenzene	6.92	146	637773	40.195	ng	98
14) 1,2-Dichlorobenzene	7.07	146	603676	40.779	ng	95
15) Benzyl Alcohol	7.03	79	500873	40.662	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	920033	38.093	ng	99
17) 2-Methylphenol	7.15	107	437541	40.475	ng	96
18) Hexachloroethane	7.42	117	220750	41.286	ng	# 88
19) n-Nitroso-di-n-propylamine	7.31	70	400628	38.894	ng	95
20) 3+4-Methylphenols	7.30	107	557721	40.831	ng	# 85
22) Acetophenone	7.30	105	771256	39.139	ng	# 95
24) Nitrobenzene	7.48	77	586291	41.861	ng	97
25) Isophorone	7.72	82	931221	39.253	ng	98
26) 2-Nitrophenol	7.79	139	277726	48.893	ng	94
27) 2,4-Dimethylphenol	7.83	122	434459	38.800	ng	93
28) bis(2-Chloroethoxy)methane	7.93	93	610658	38.682	ng	99
29) 2,4-Dichlorophenol	8.03	162	487886	40.509	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	529975	39.488	ng	98
31) Naphthalene	8.20	128	1481663	39.644	ng	97
32) Benzoic acid	7.94	122	318107m	42.967	ng	
33) 4-Chloroaniline	8.25	127	648561	40.149	ng	100
34) Hexachlorobutadiene	8.33	225	321189	39.266	ng	98
35) Caprolactam	8.62	113	167600	41.067	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	486389	41.083	ng	95
37) 2-Methylnaphthalene	8.89	142	984308	40.480	ng	99
38) 1-Methylnaphthalene	8.99	142	941345	40.309	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	523348	39.530	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	283003	44.050	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	357192	40.410	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	367217	40.495	nq	# 90
46) 1,1'-Biphenyl	9.36	154	1352766	39.774	nq	96
47) 2-Chloronaphthalene	9.38	162	1058009	39.263	nq	95
48) 2-Nitroaniline	9.47	65	324488	46.288	nq	99
49) Acenaphthylene	9.80	152	1568428	39.865	nq	97
50) Dimethylphthalate	9.66	163	1172816	39.806	nq	98
51) 2,6-Dinitrotoluene	9.71	165	266537	45.369	nq	# 86
52) Acenaphthene	9.97	154	987858	40.710	nq	98
53) 3-Nitroaniline	9.88	138	296283	47.288	nq	98
54) 2,4-Dinitrophenol	9.98	184	93803	52.515	nq	# 33
55) Dibenzofuran	10.14	168	1475350	40.244	nq	96
56) 4-Nitrophenol	10.03	139	230273	48.158	nq	92
57) 2,4-Dinitrotoluene	10.12	165	339914	48.141	nq	# 94
58) Fluorene	10.49	166	1049468	39.727	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	311689	40.843	nq	# 88
60) Diethylphthalate	10.36	149	1149515	39.774	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	579591	39.712	nq	93
62) 4-Nitroaniline	10.49	138	285148	46.825	nq	92
63) Azobenzene	10.63	77	1146040	39.498	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	156676	48.399	nq	89
66) n-Nitrosodiphenylamine	10.59	169	1022489	38.940	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	379827	39.149	nq	93
68) Hexachlorobenzene	11.03	284	424707	39.261	nq	99
69) Atrazine	11.12	200	363029	39.797	nq	96
70) Pentachlorophenol	11.22	266	273666	40.921	nq	97
71) Phenanthrene	11.45	178	1614296	38.913	nq	95
72) Anthracene	11.50	178	1640713	39.403	nq	96
73) Carbazole	11.65	167	1590274	39.338	nq	96
74) Di-n-butylphthalate	11.98	149	1736564	38.312	nq	97
75) Fluoranthene	12.63	202	1672808	39.820	nq	97
77) Benzidine	12.75	184	931847	40.864	nq	99
78) Pyrene	12.86	202	1709380	39.944	nq	97
80) Butylbenzylphthalate	13.47	149	707854	40.579	nq	90
81) Benzo(a)anthracene	14.05	228	1378086	39.847	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	569271	41.661	nq	# 96
83) Chrysene	14.08	228	1349827	39.711	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	856842	38.996	nq	# 98
85) Di-n-octyl phthalate	14.64	149	1247431	36.642	nq	96
86) Indeno(1,2,3-cd)pyrene	17.01	276	1089769	37.714	nq	# 88
88) Benzo(b)fluoranthene	15.09	252	1143665	41.453	nq	# 96
89) Benzo(k)fluoranthene	15.12	252	1035587	39.427	nq	# 97
90) Benzo(a)pyrene	15.46	252	1003366	40.031	nq	# 95
91) Dibenzo(a,h)anthracene	17.03	278	908359	41.385	nq	# 93
92) Benzo(g,h,i)perylene	17.46	276	898001	41.899	nq	# 87

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

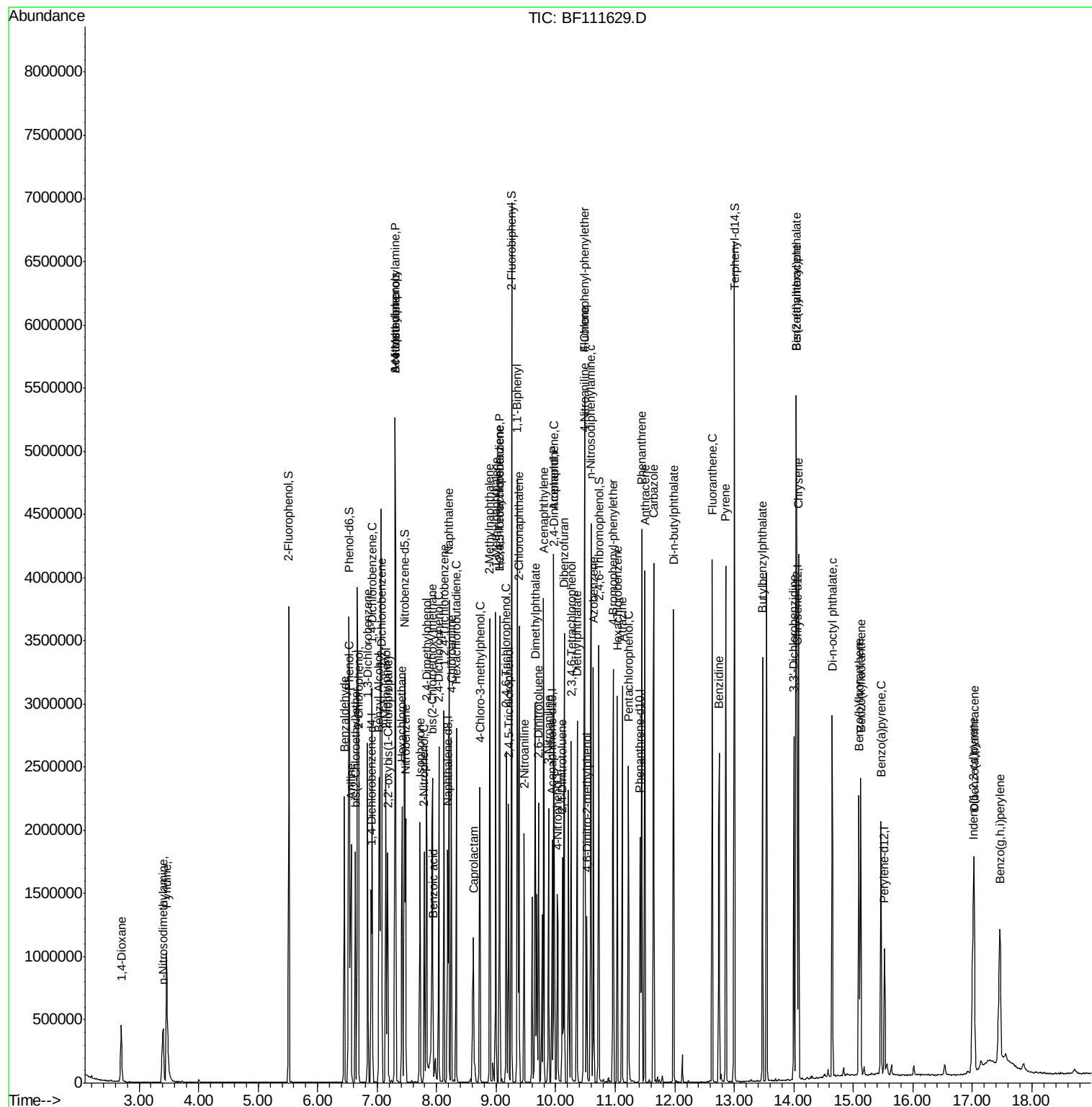
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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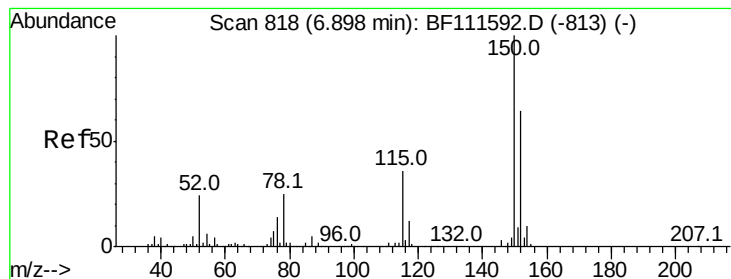
Instrument :
BNA_F
Client Sample ID :
SSTDCCC040

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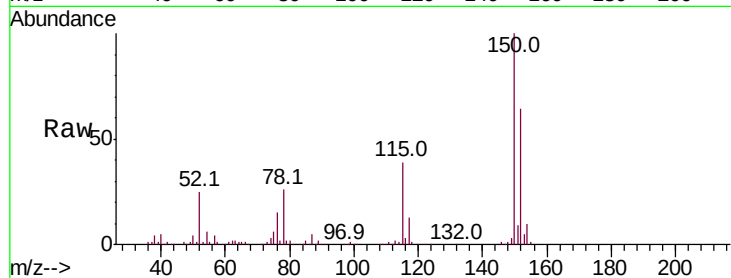
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	60.5	50.7	76.1

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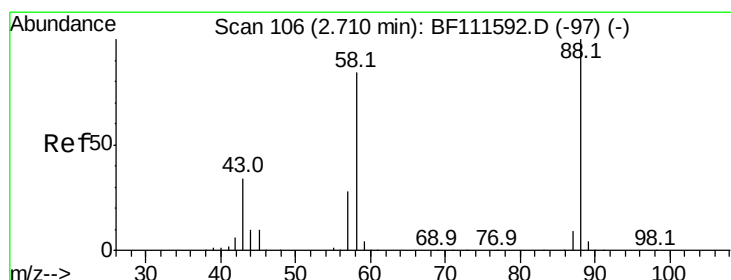
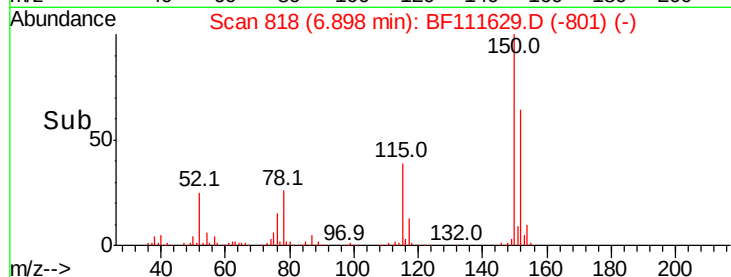
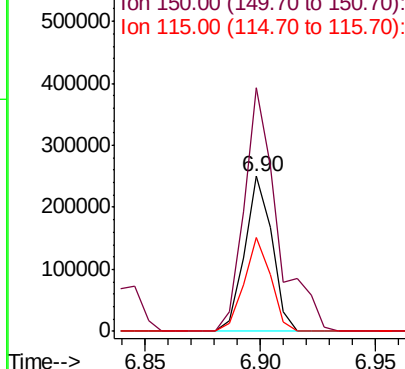


Abundance

Ion 152.00 (151.70 to 152.70): E

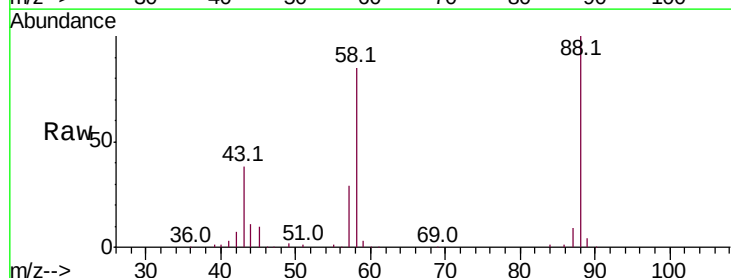
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 38.536 ng
 RT: 2.70 min Scan# 104
 Delta R.T. -0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.9	103.3
43	35.5	25.8	38.6

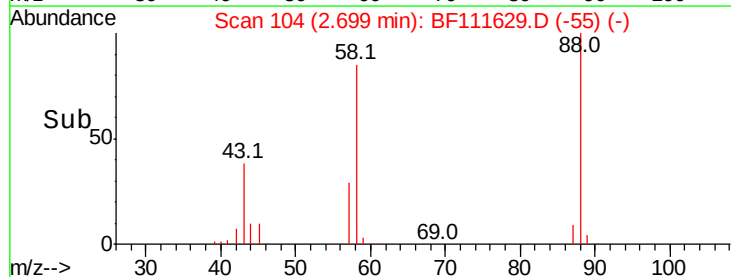
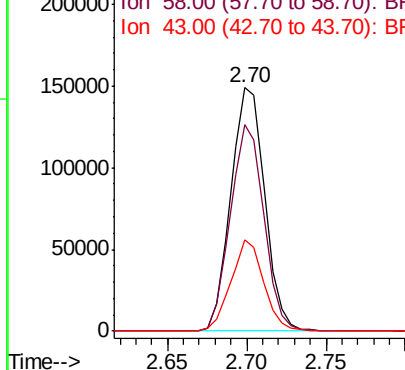


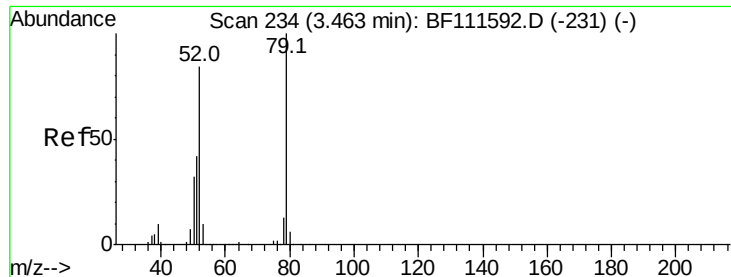
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.029 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

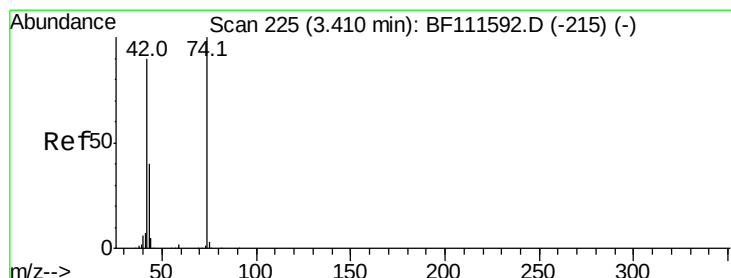
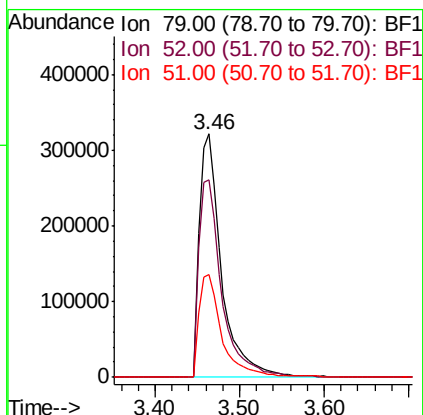
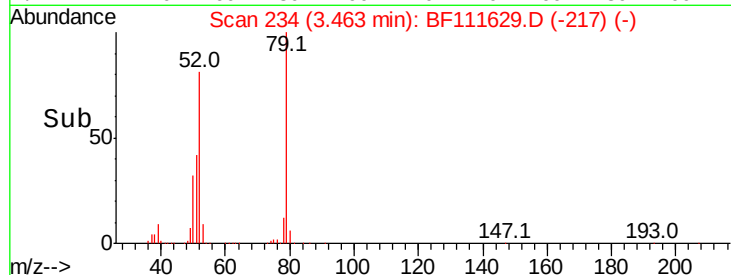
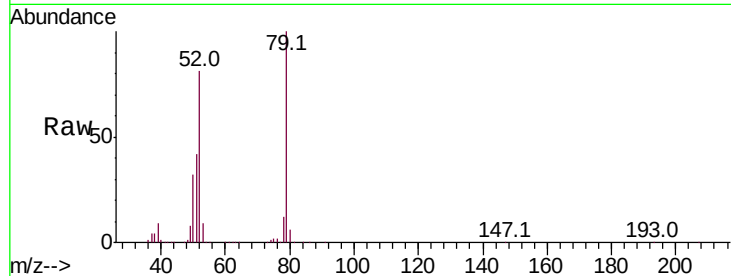
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	583028
Ion Ratio	Lower	Upper	
79	100		
52	81.0	68.3	102.5
51	42.5	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 39.007 ng

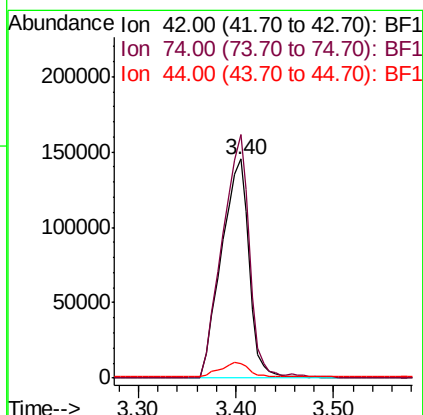
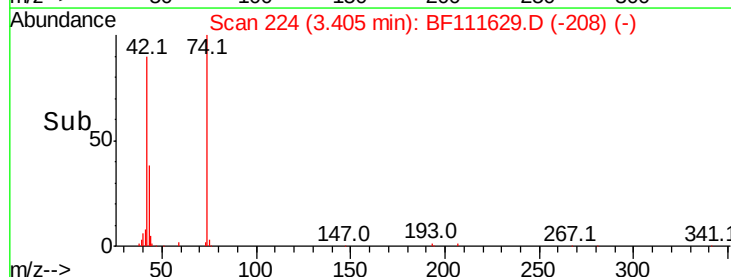
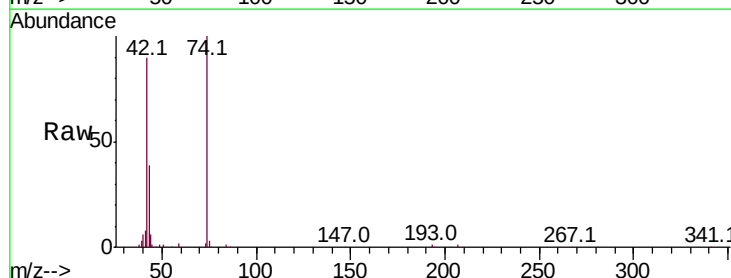
RT: 3.40 min Scan# 224

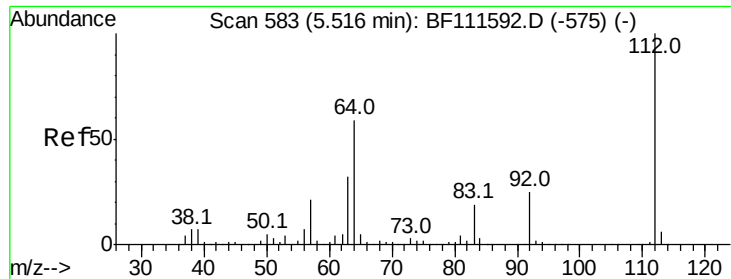
Delta R.T. -0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tgt Ion:	42	Resp:	285175
Ion Ratio	Lower	Upper	
42	100		
74	111.1	101.5	152.3
44	6.5	6.0	9.0





#5

2-Fluorophenol

Concen: 80.030 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

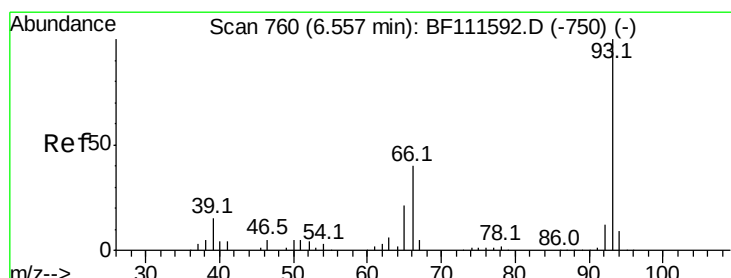
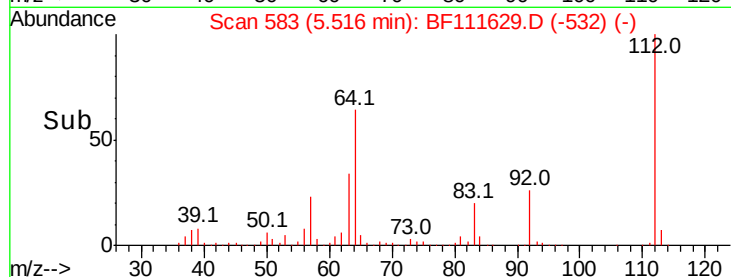
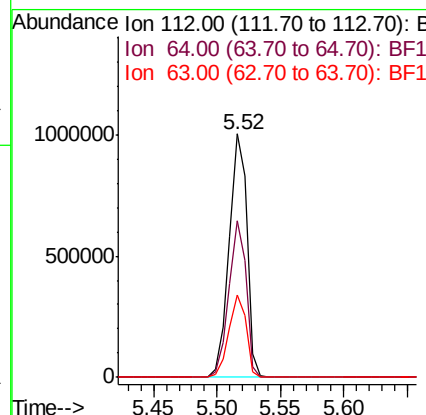
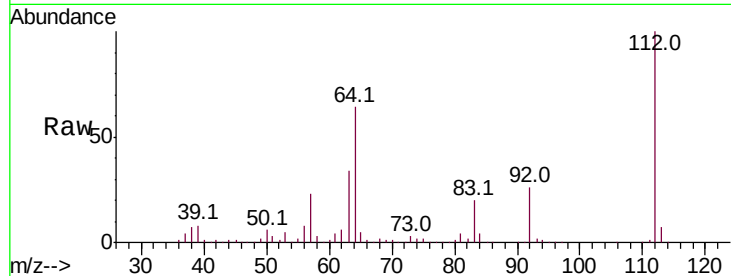
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	975341
Ion Ratio	Lower	Upper	
112	100		
64	64.3	51.8	77.6
63	34.1	26.8	40.2

Manual Integrations
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#6

Aniline

Concen: 40.177 ng

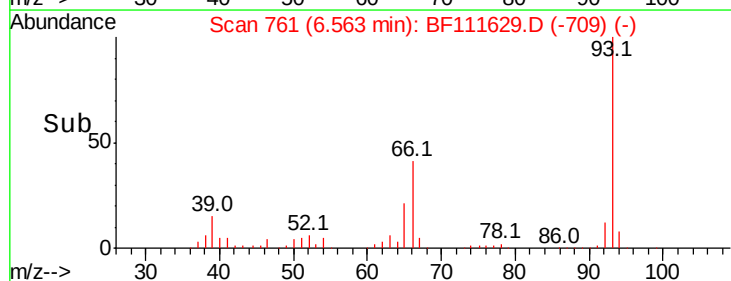
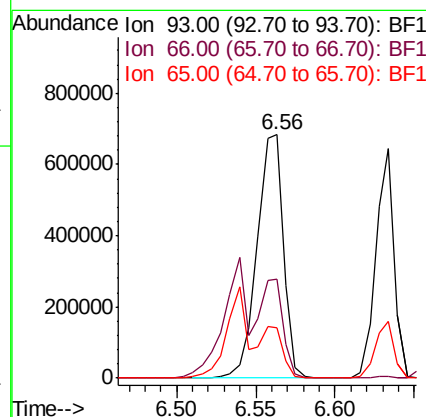
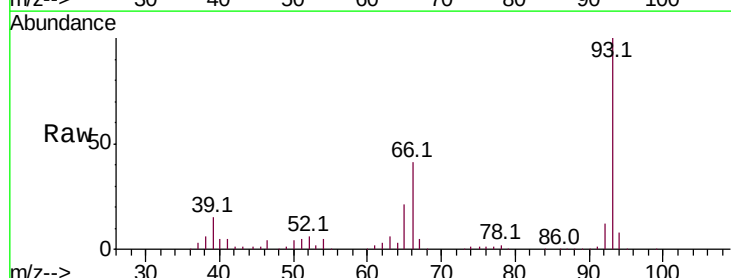
RT: 6.56 min Scan# 761

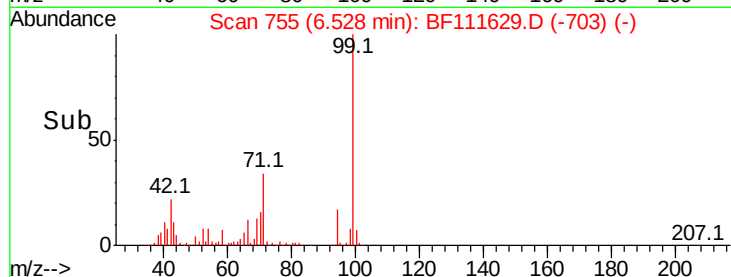
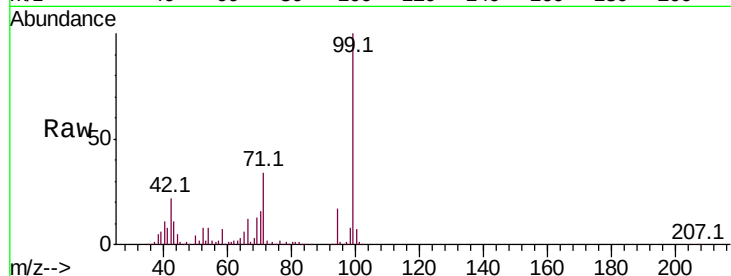
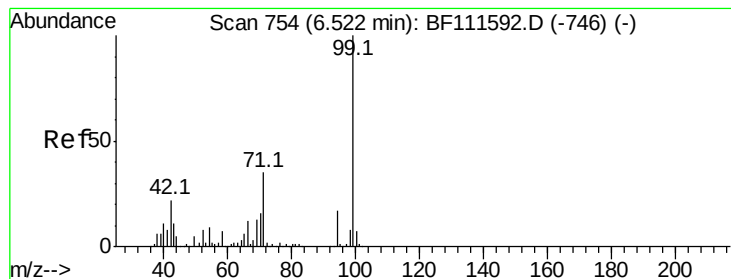
Delta R.T. 0.01 min

Lab File: BF111629.D

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Tgt Ion:	93	Resp:	794311
Ion Ratio	Lower	Upper	
93	100		
66	40.6	33.2	49.8
65	20.7	17.0	25.4





#7

Phenol-d6

Concen: 80.780 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tot Ion: 99 Resp: 1252888

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 34.4 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

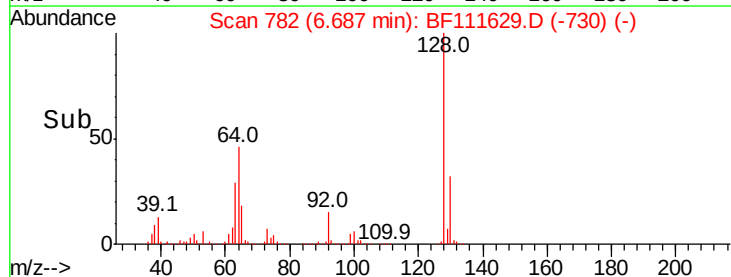
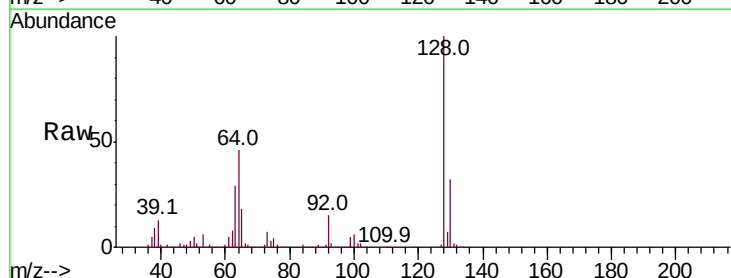
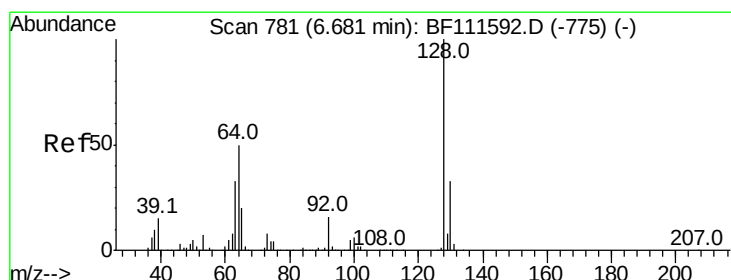
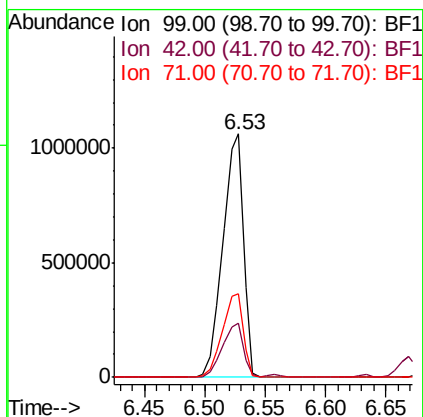
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.986 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

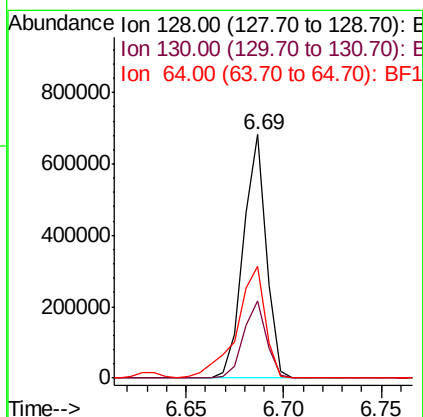
Tgt Ion:128 Resp: 553320

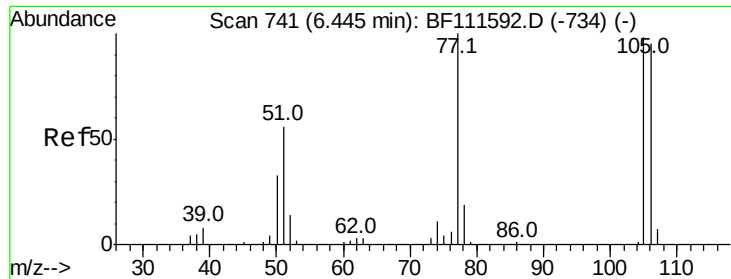
Ion Ratio Lower Upper

128 100

130 31.6 12.7 52.7

64 45.7 30.0 70.0





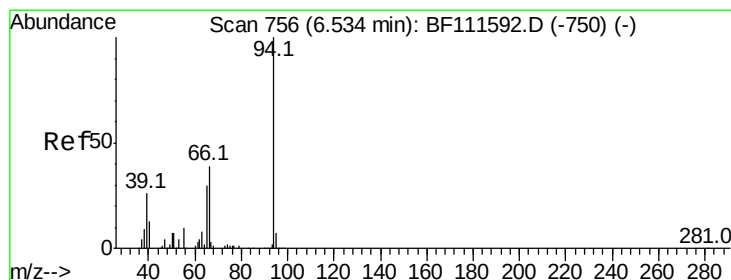
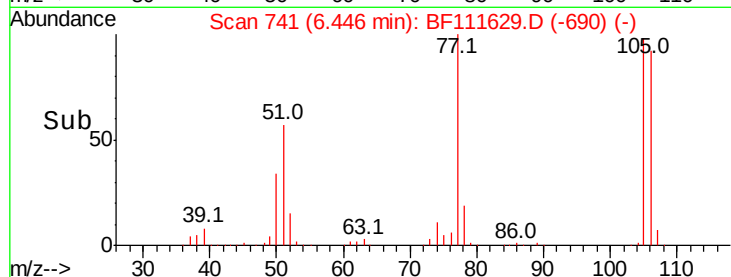
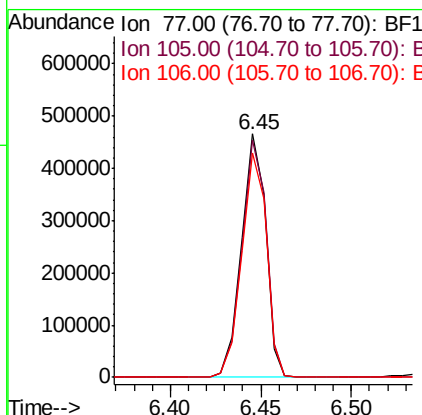
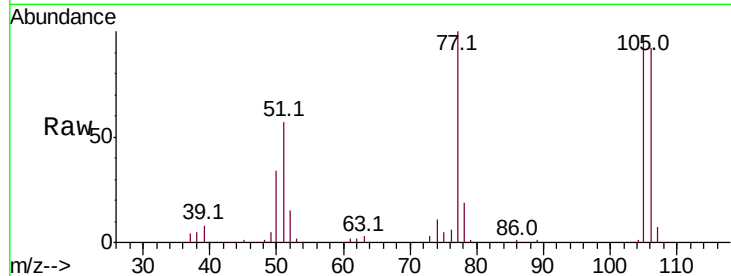
#9
Benzaldehyde
Concen: 40.693 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF111629.D
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Tot Ion	Ratio	Lower	Upper
77	100		
105	97.5	81.4	121.4
106	92.4	77.9	117.9

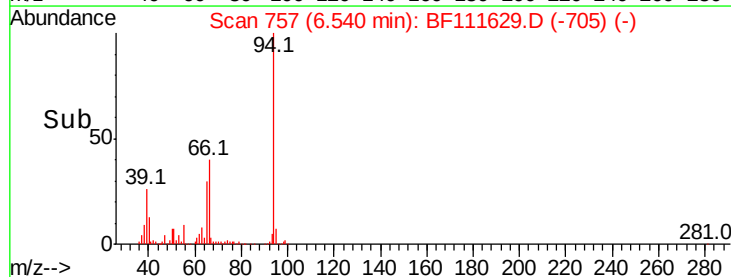
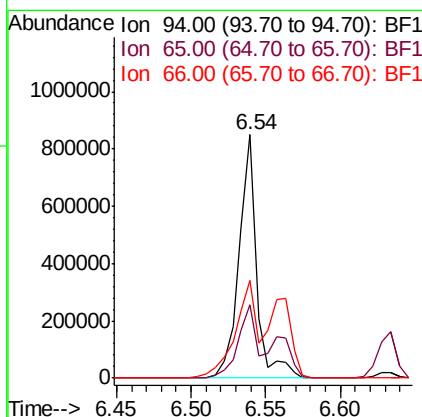
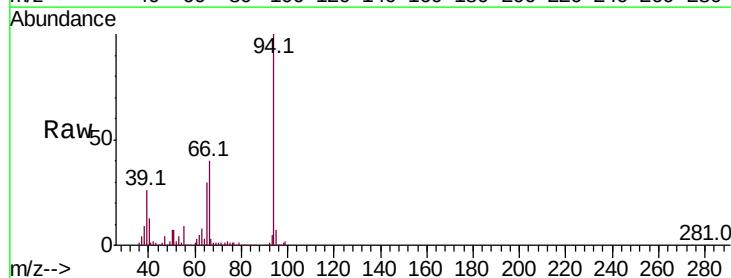
Manual Integrations
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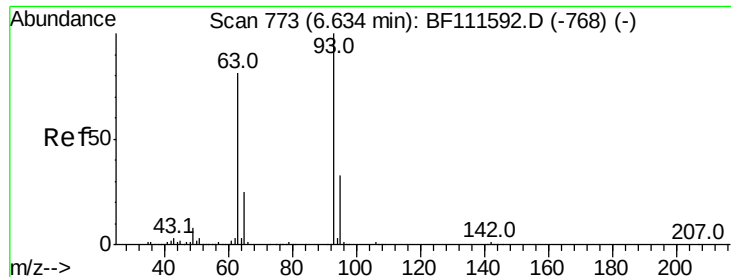
Sohil
12/21/2018 2:46:32 PM



#10
Phenol
Concen: 40.584 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.7	51.7
66	40.0	21.0	61.0





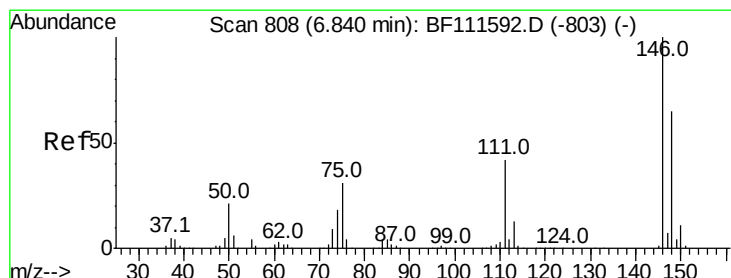
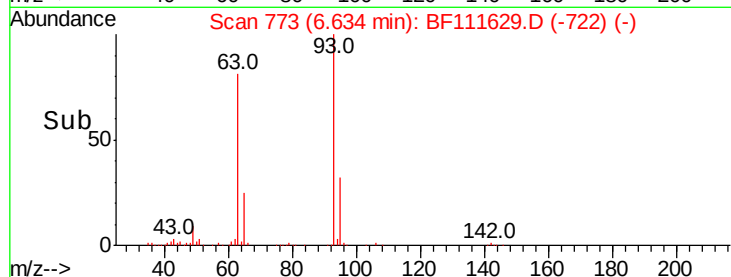
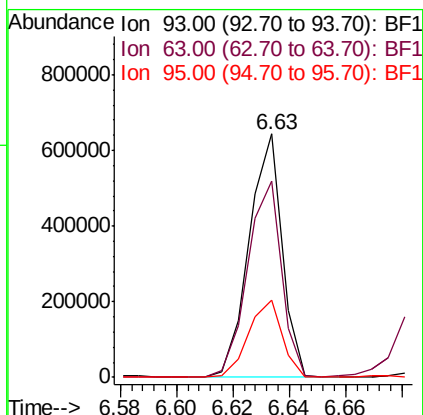
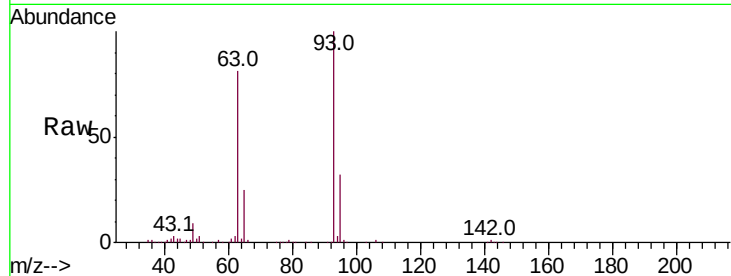
#11
bis(2-Chloroethyl)ether
Concen: 39.760 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	521397
Ion Ratio	100	Lower	Upper
93	100		
63	80.7	60.0	100.0
95	32.0	13.4	53.4

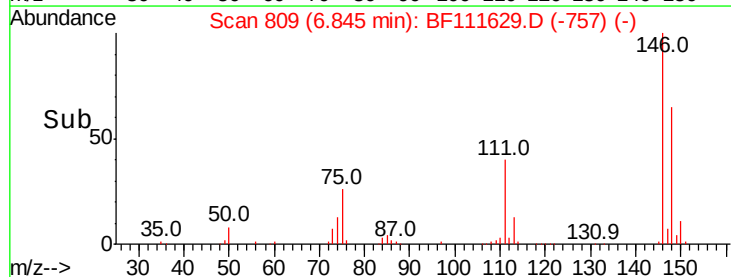
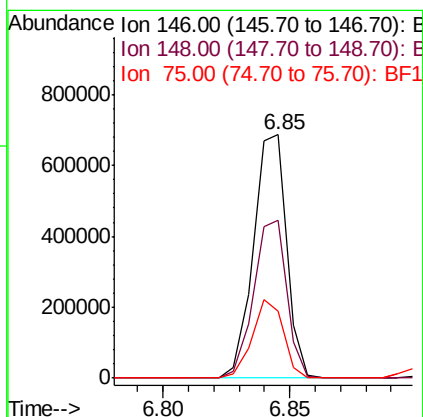
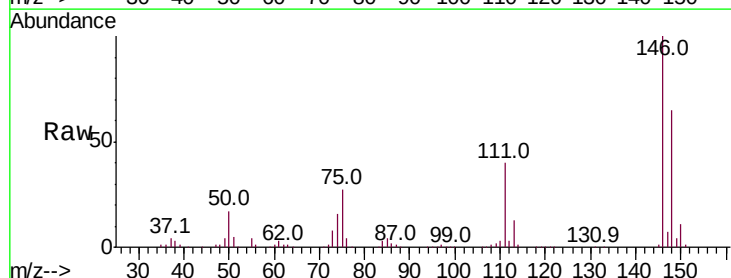
Manual Integrations
APPROVED

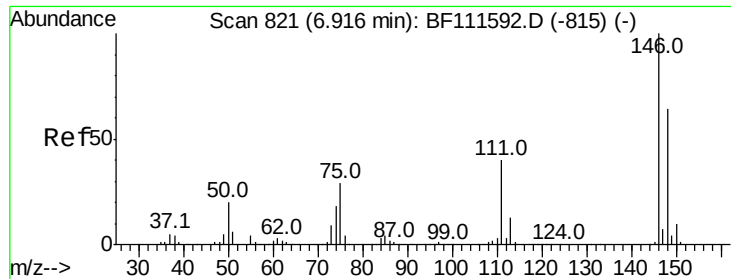
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.227 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	146	Resp	629373
Ion Ratio	100	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	27.5	23.9	35.9





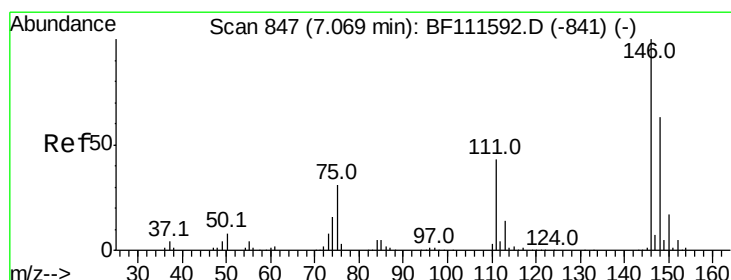
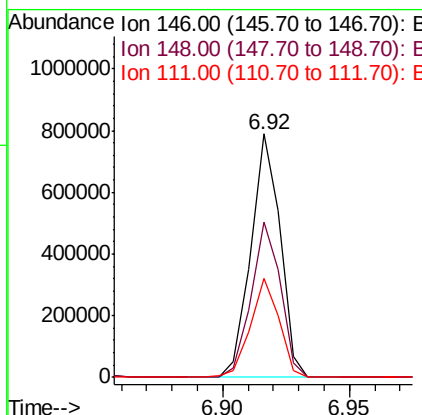
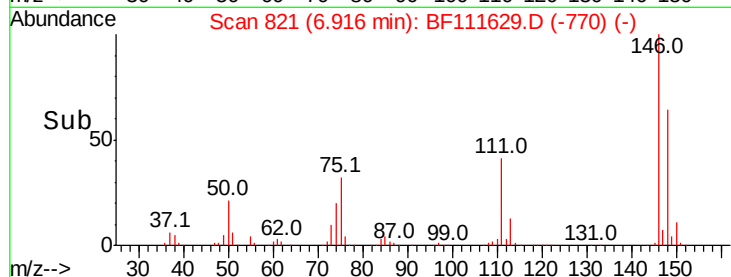
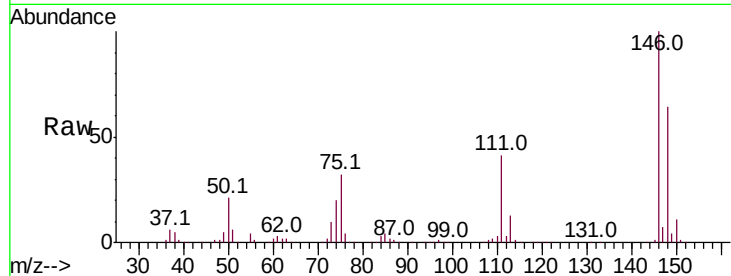
#13
 1,4-Dichlorobenzene
 Concen: 40.195 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.8	79.2
111	40.8	33.4	50.0

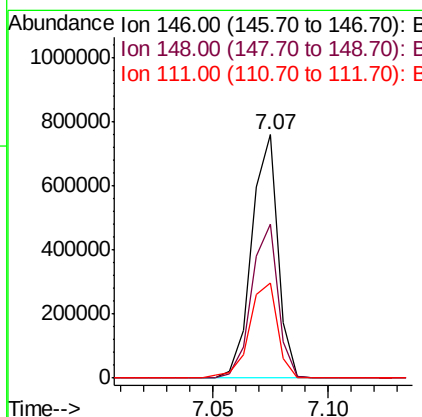
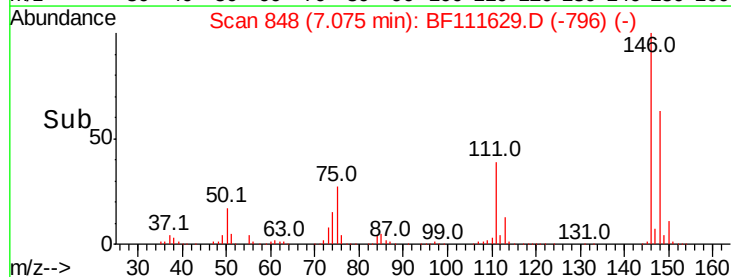
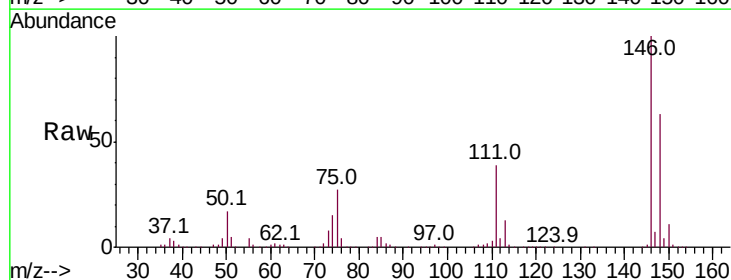
Manual Integrations
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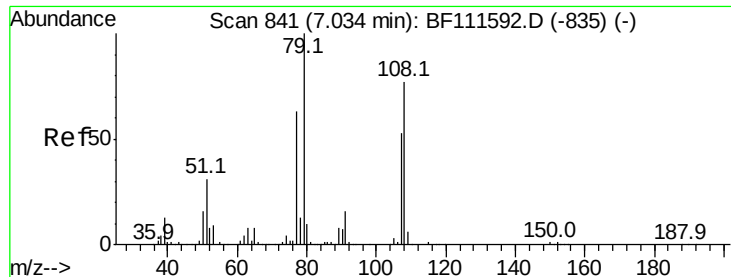
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#14
 1,2-Dichlorobenzene
 Concen: 40.779 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	39.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.662 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 500873

Ion Ratio Lower Upper

79 100

108 76.1 69.4 104.2

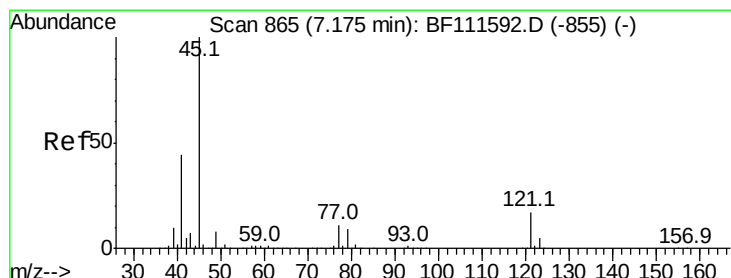
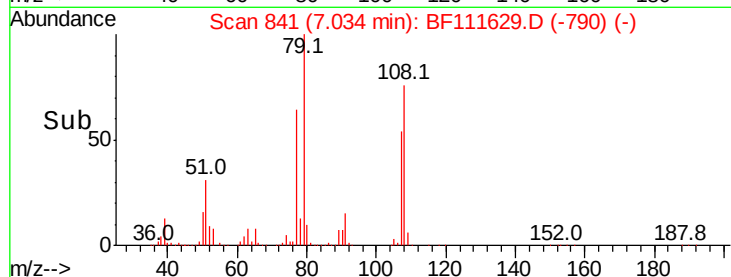
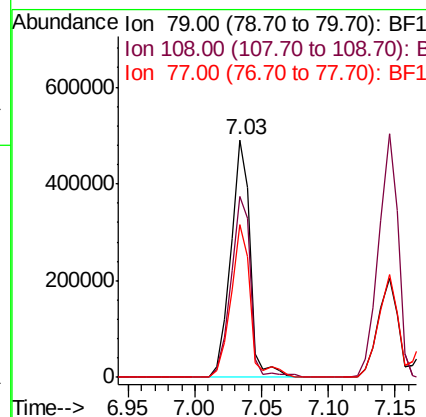
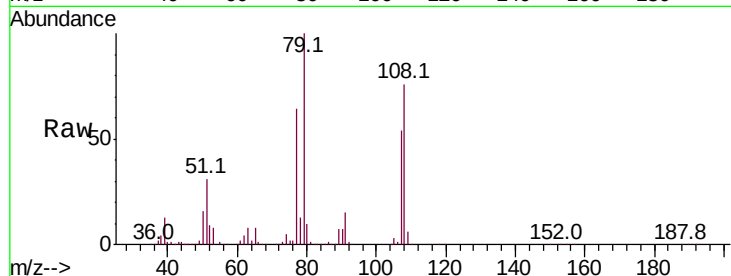
77 64.4 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.093 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

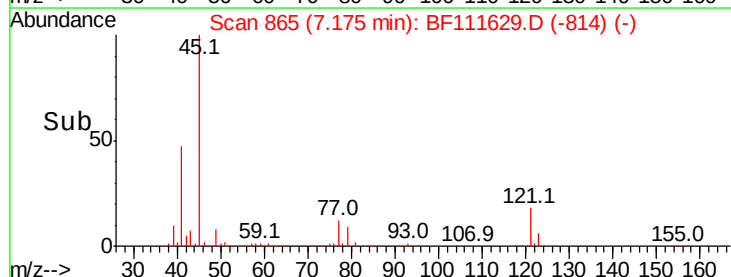
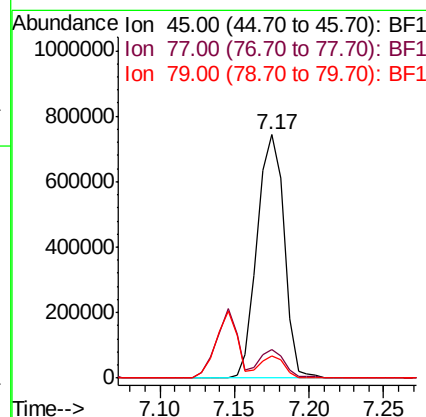
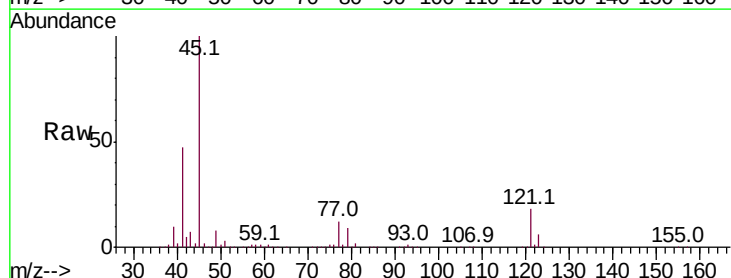
Tgt Ion: 45 Resp: 920033

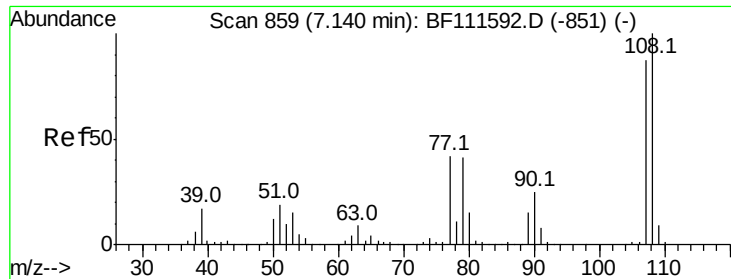
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

79 9.0 0.0 28.9





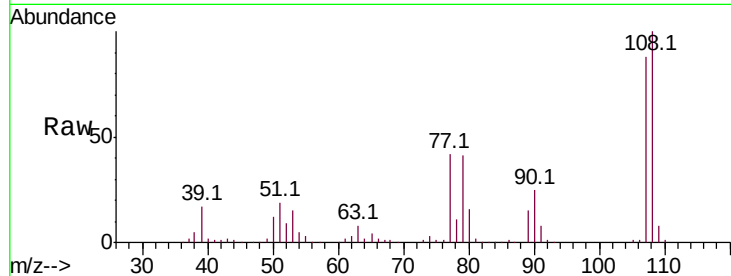
#17
2-Methylphenol
Concen: 40.475 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.0	136.4	
77	47.8	33.5	50.3	
79	46.5	33.3	49.9	

Manual Integrations
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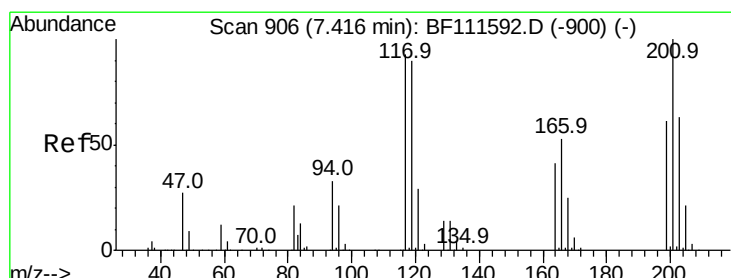
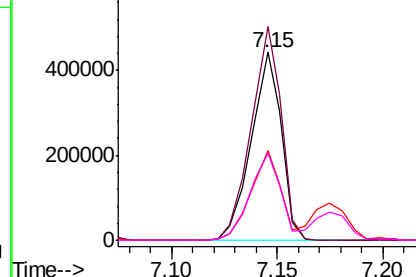
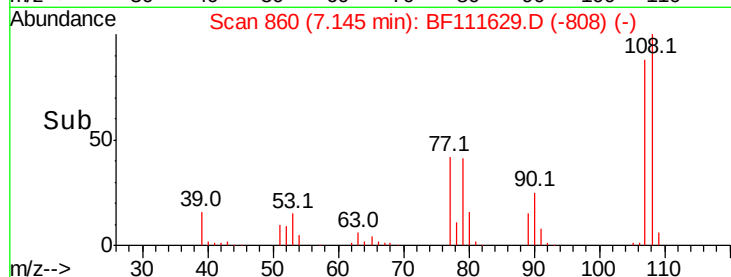
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

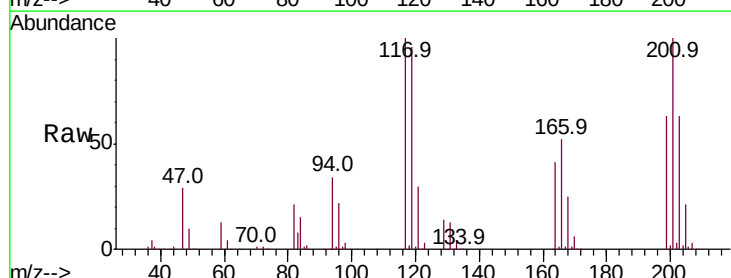
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.286 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.4	113.0	
201	100.1	62.4	93.6#	

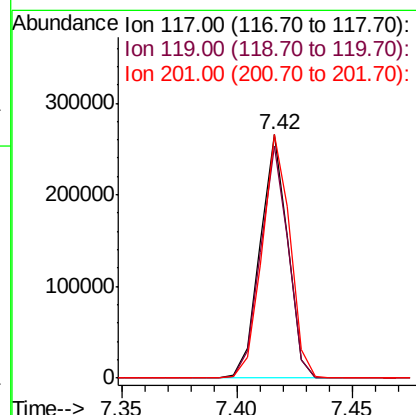
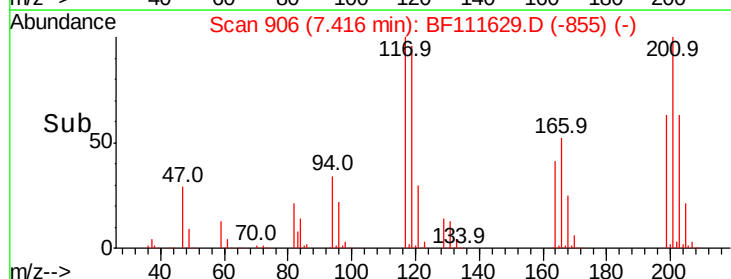


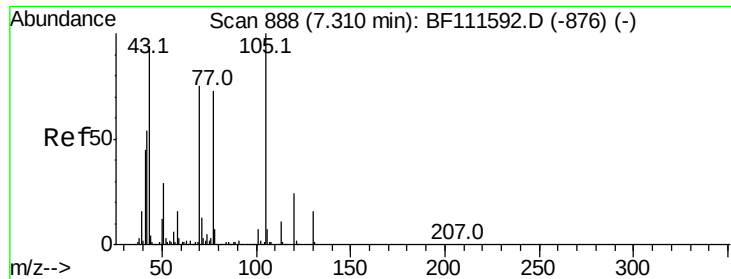
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





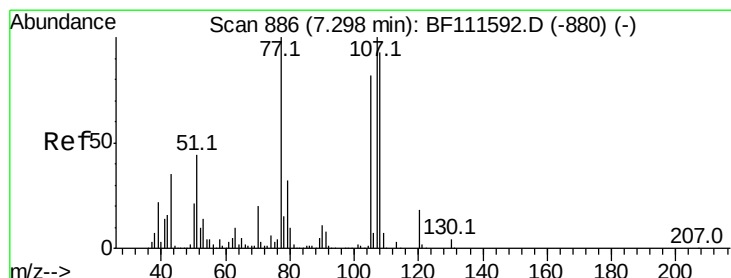
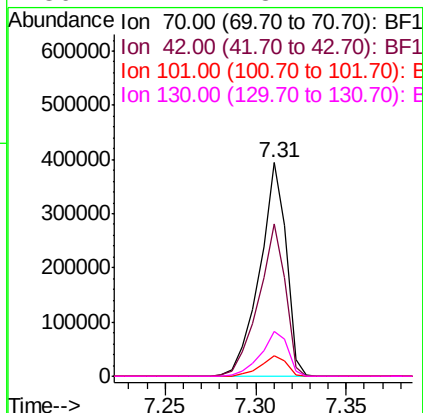
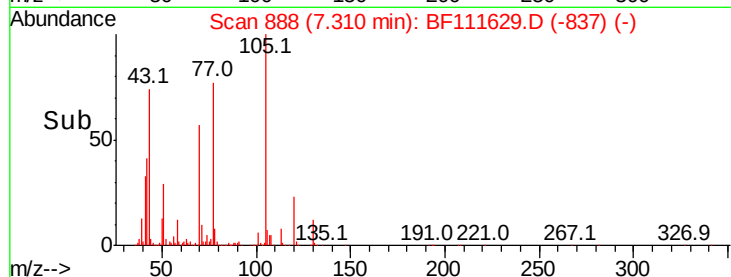
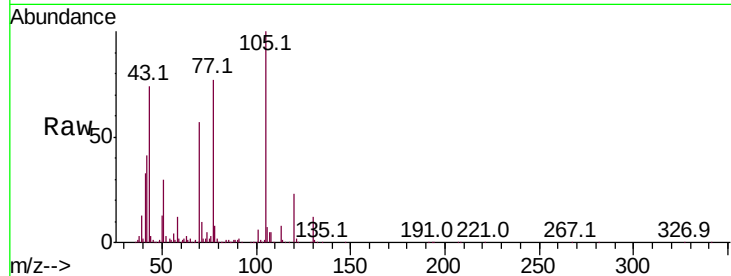
#19
n-Nitroso-di-n-propylamine
Concen: 38.894 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	53.2	79.8
101	9.8	8.2	12.4
130	21.2	18.1	27.1

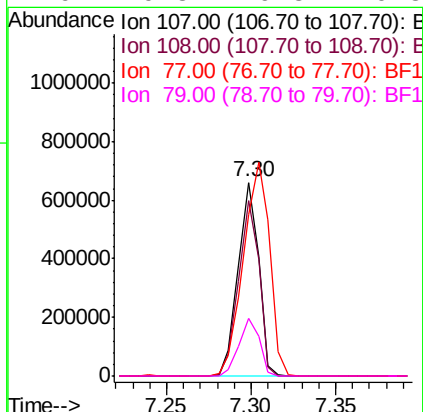
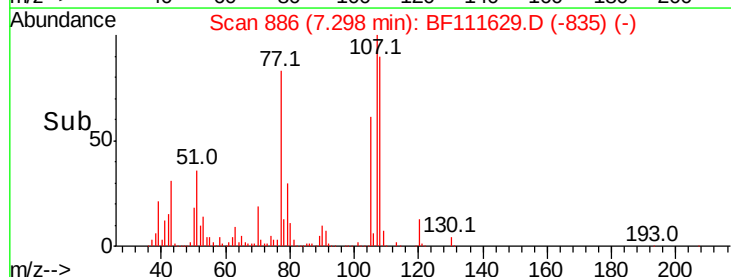
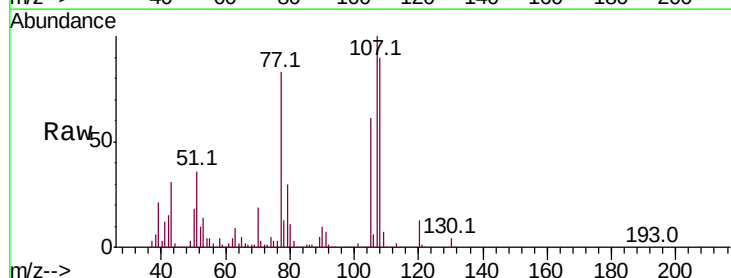
Manual Integrations
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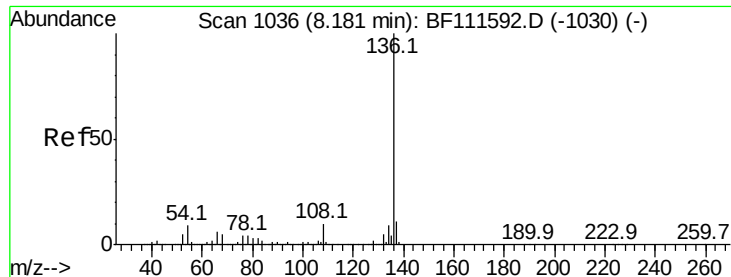
Sohil
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#20
3+4-Methylphenols
Concen: 40.831 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.1	112.1
77	83.1	94.1	134.1#
79	29.8	9.8	49.8





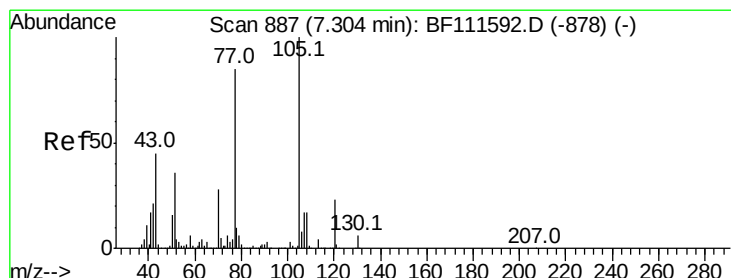
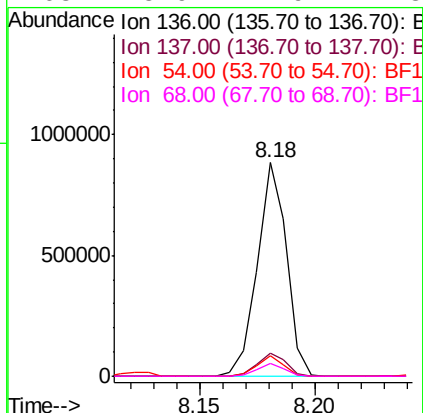
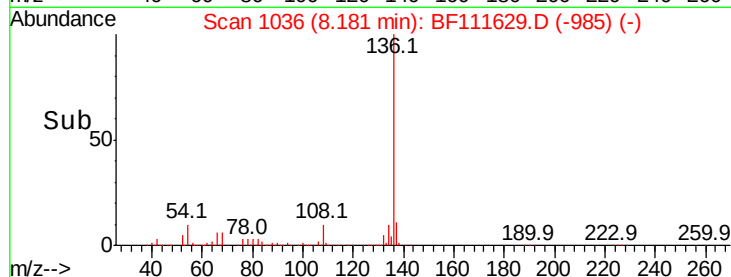
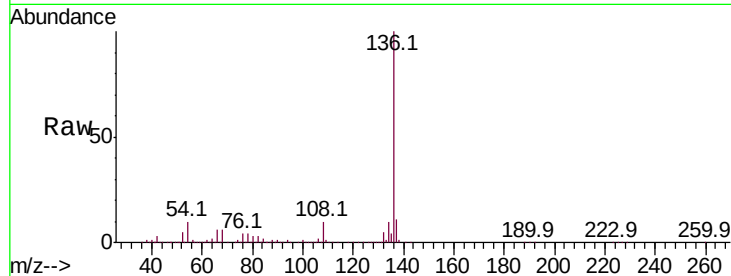
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.5	7.7	11.5	
68	5.9	4.9	7.3	

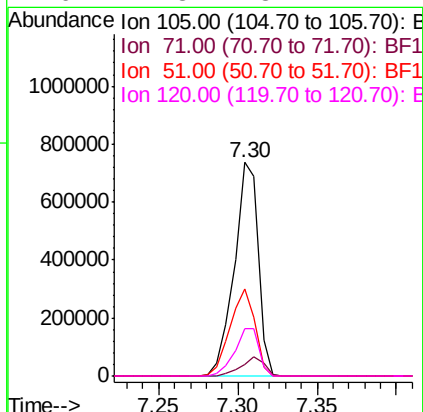
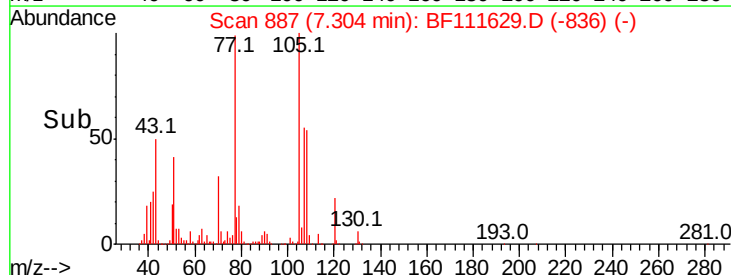
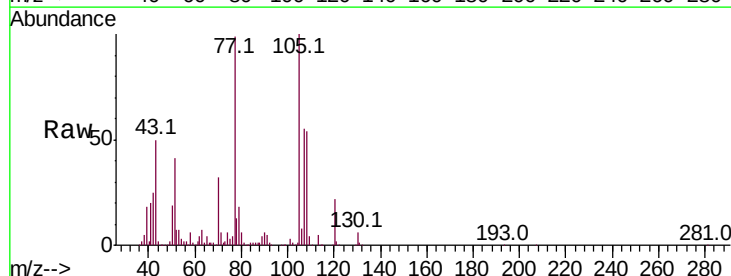
Manual Integrations
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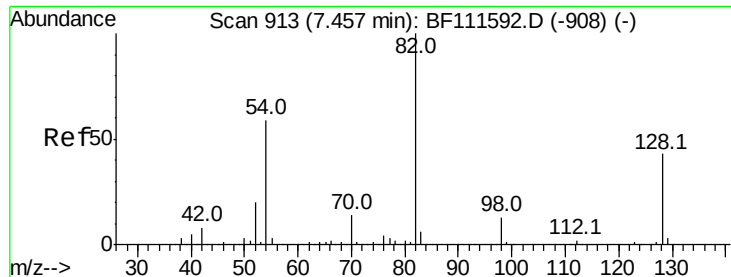
Sohil
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#22
Acetophenone
Concen: 39.139 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	3.1	4.7#	
51	40.6	36.6	54.8	
120	22.3	18.2	27.4	





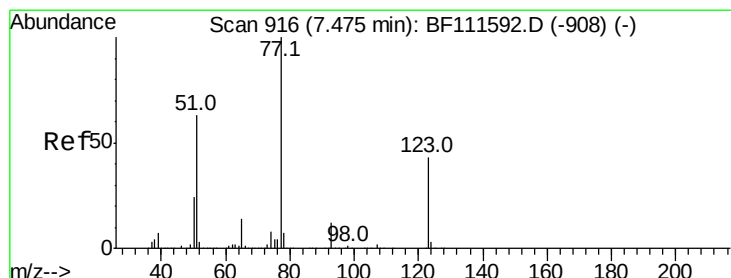
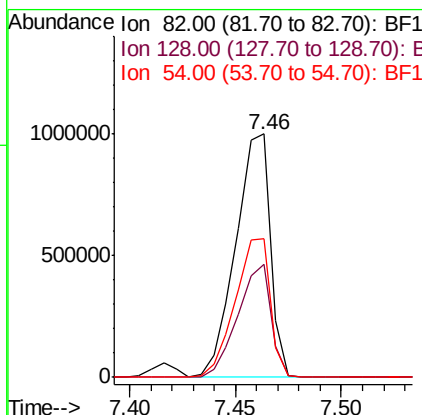
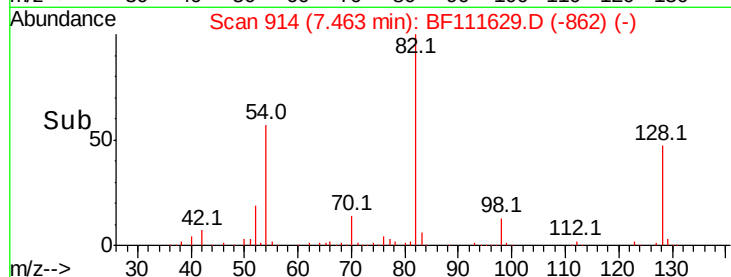
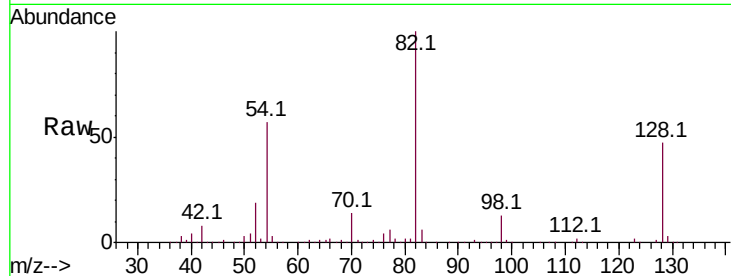
#23
Nitrobenzene-d5
Concen: 85.596 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion: 82 Resp: 1143840
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.2
54 57.1 47.6 71.4

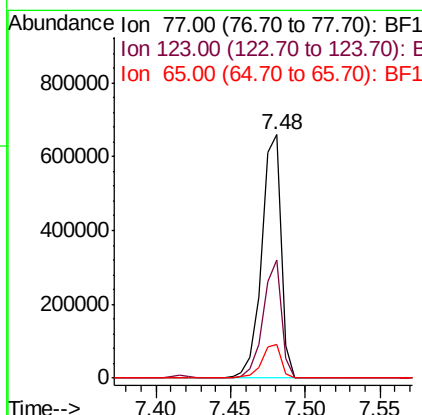
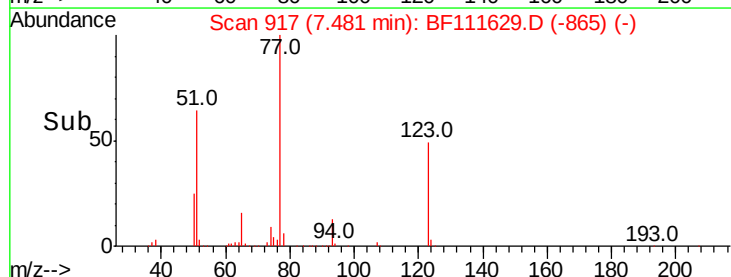
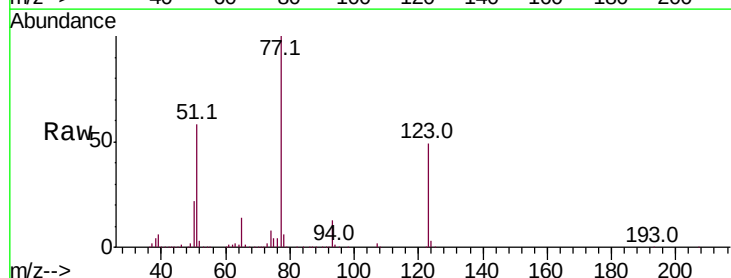
Manual Integrations
APPROVED

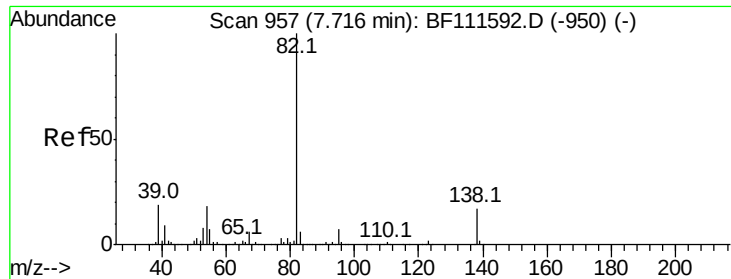
Sohil
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#24
Nitrobenzene
Concen: 41.861 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion: 77 Resp: 586291
Ion Ratio Lower Upper
77 100
123 48.7 37.2 55.8
65 14.0 11.5 17.3





#25

Isophorone

Concen: 39.253 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

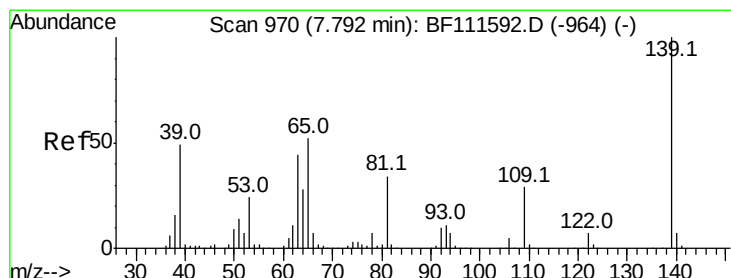
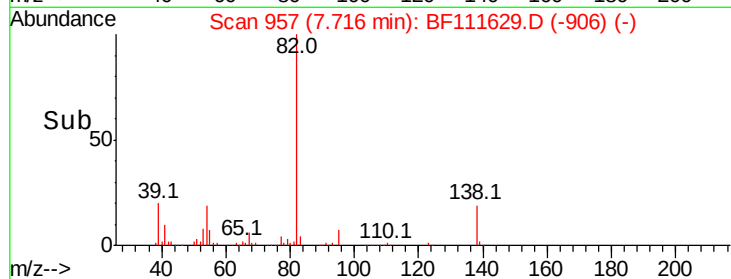
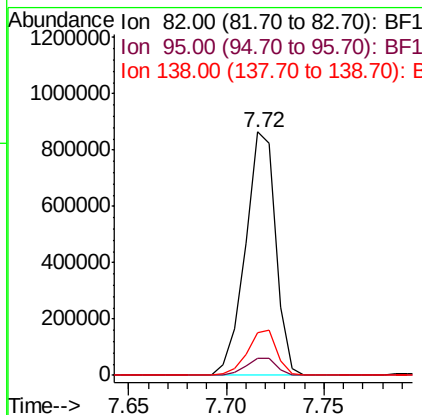
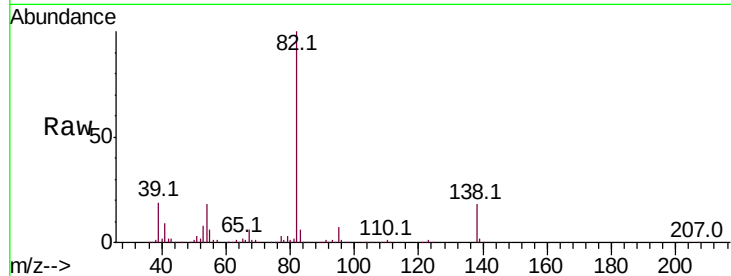
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	931221
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.6	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.893 ng

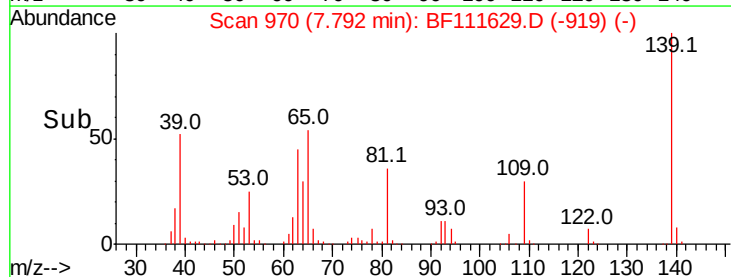
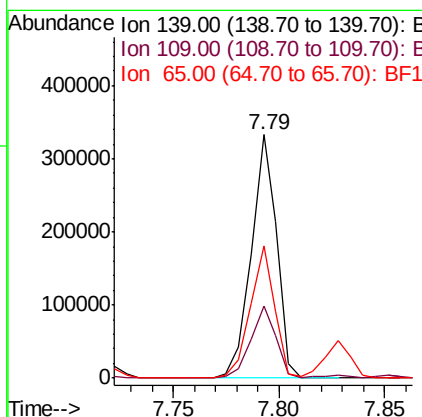
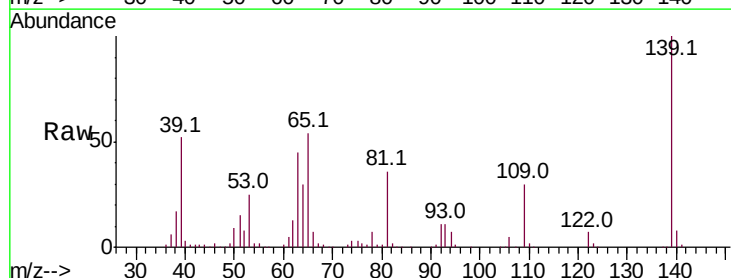
RT: 7.79 min Scan# 970

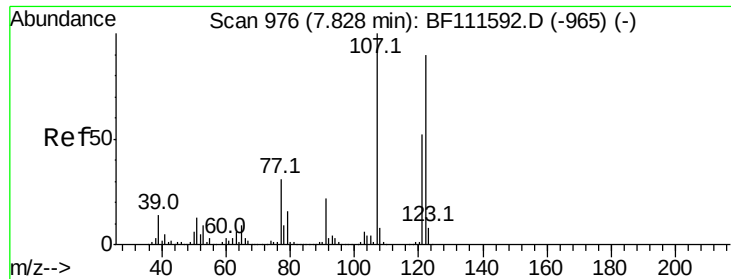
Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tgt Ion:	139	Resp:	277726
Ion Ratio	Lower	Upper	
139	100		
109	29.6	20.2	30.4
65	54.3	40.7	61.1





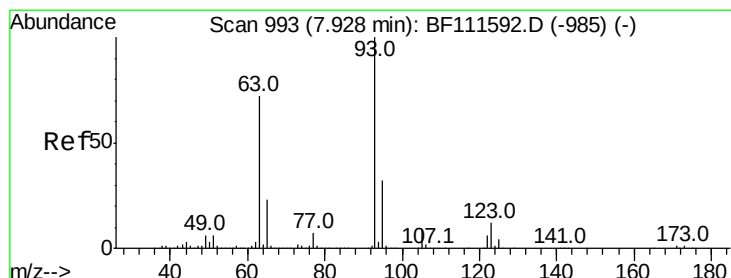
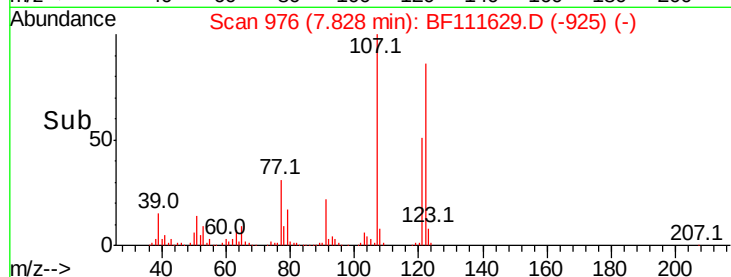
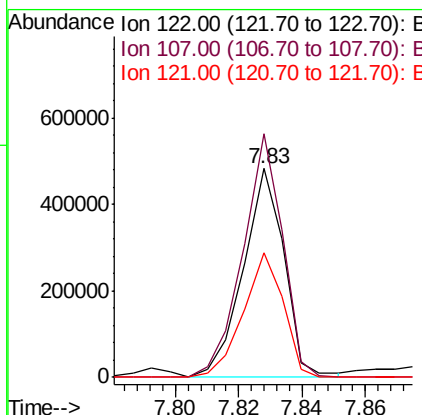
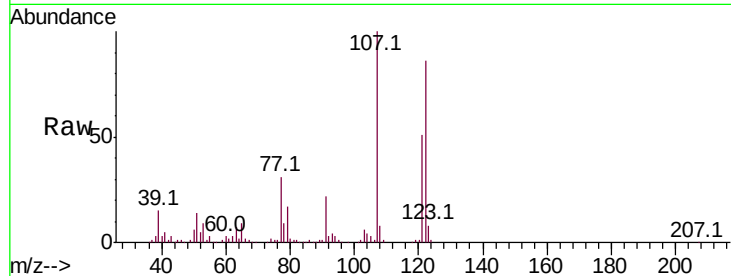
#27
 2,4-Dimethylphenol
 Concen: 38.800 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	434459		
107	116.7	85.5	128.3	
121	59.7	46.6	70.0	

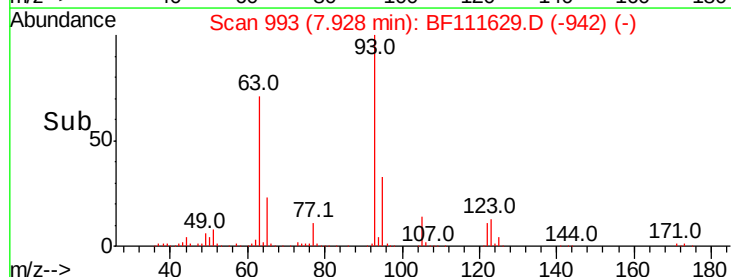
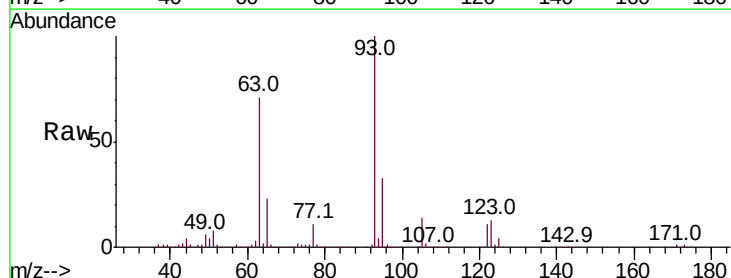
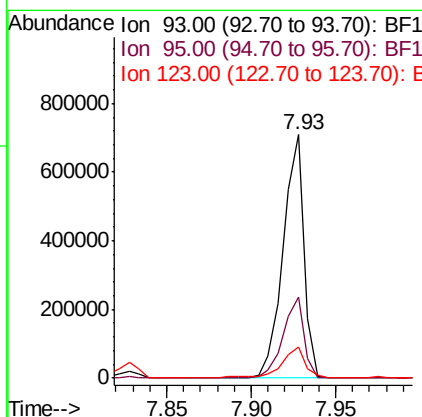
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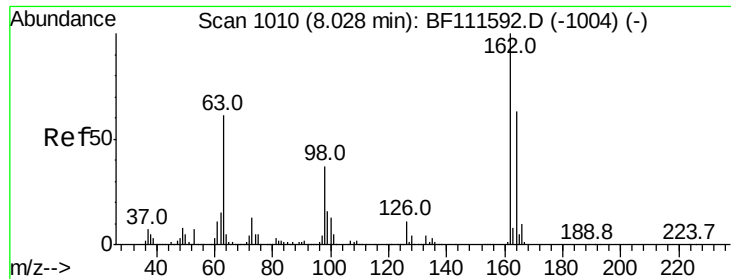
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.682 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	610658		
95	33.3	27.1	40.7	
123	12.7	9.9	14.9	





#29

2,4-Dichlorophenol

Concen: 40.509 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

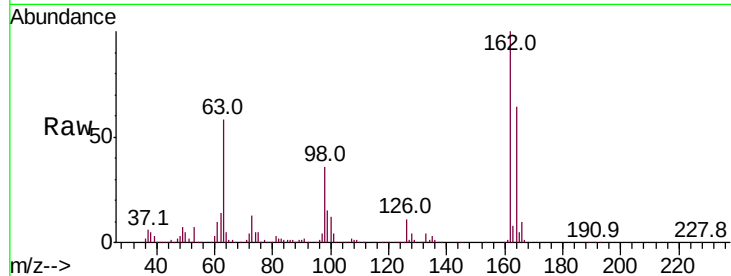
ClientSampleId :

SSTDCCC040

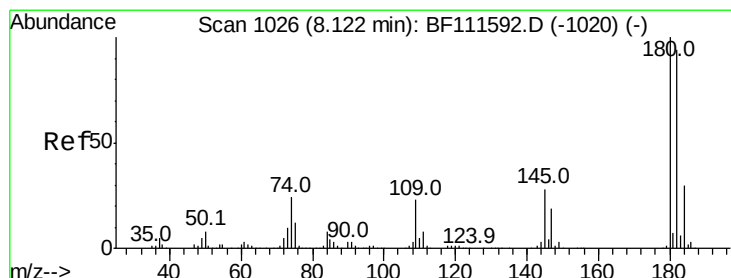
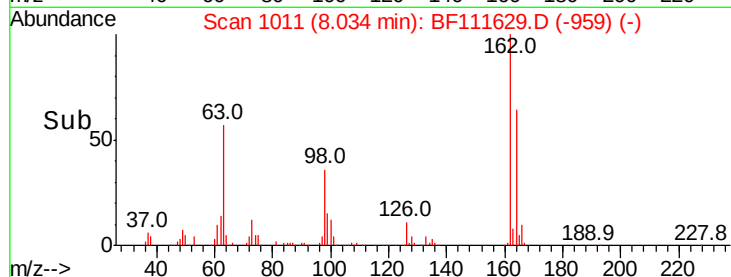
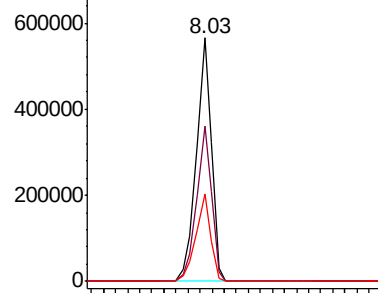
Tot Ion:	162	Resp:	487886
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.4	84.4
98	35.7	20.3	60.3

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



#30

1,2,4-Trichlorobenzene

Concen: 39.488 ng

RT: 8.12 min Scan# 1026

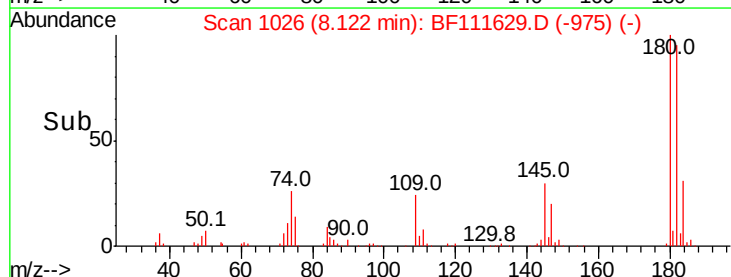
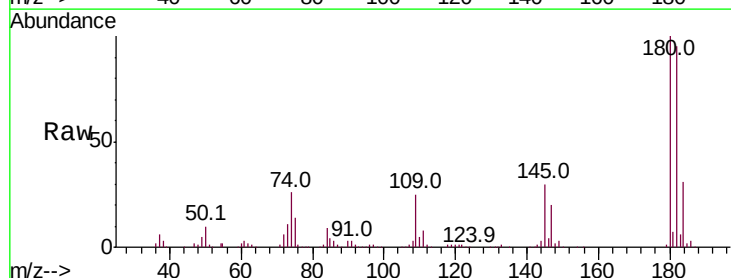
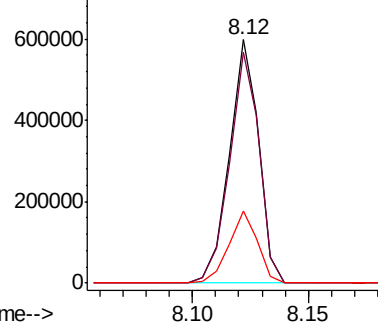
Delta R.T. 0.00 min

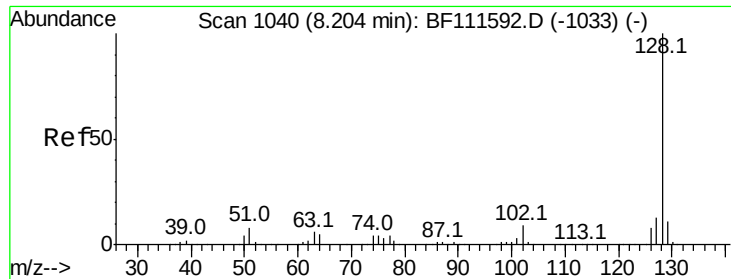
Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tgt Ion:	180	Resp:	529975
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.6	113.4
145	29.6	26.7	40.1

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





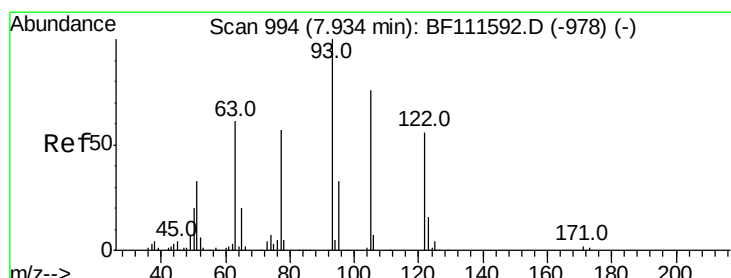
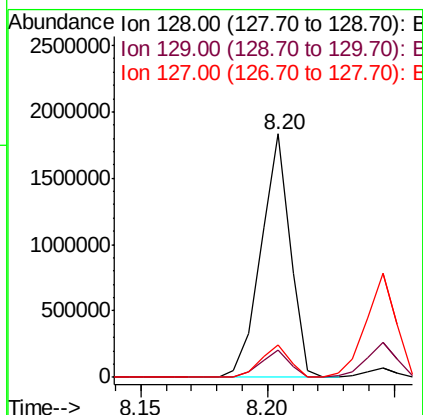
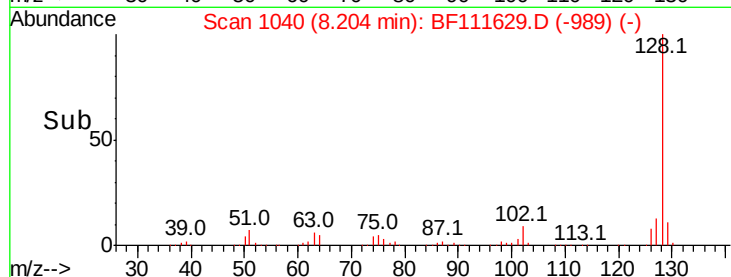
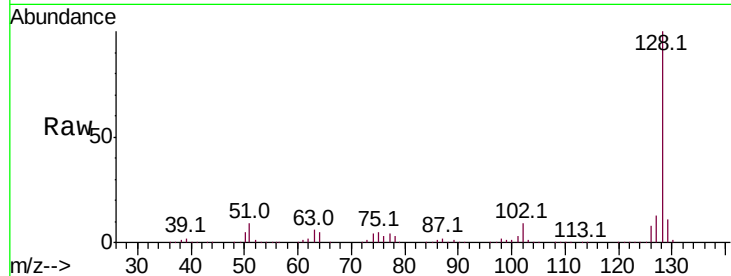
#31
Naphthalene
Concen: 39.644 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.5	12.0	18.0

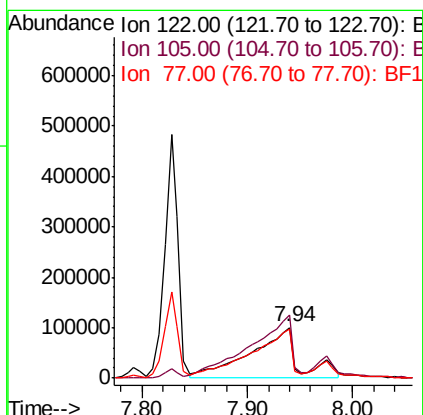
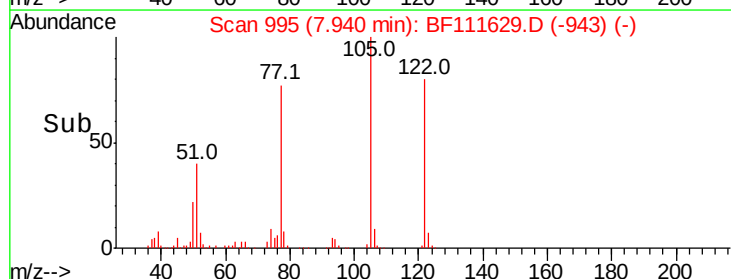
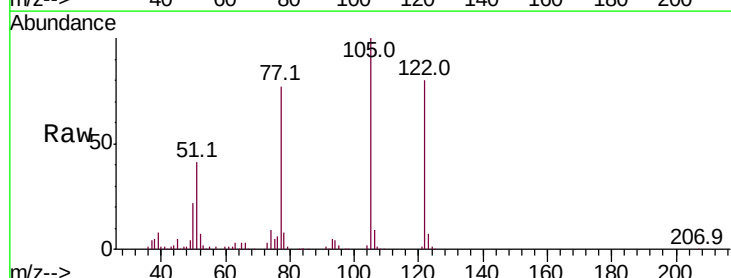
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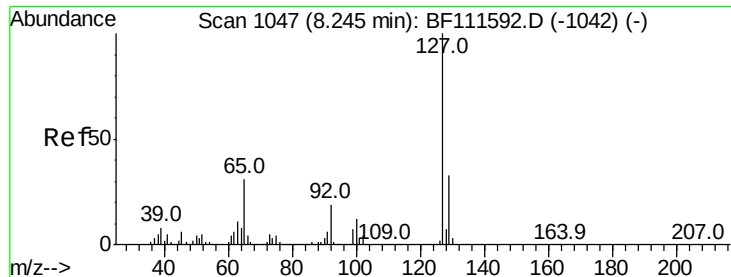
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#32
Benzoic acid
Concen: 42.967 ng m
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	97.0	137.0
77	95.3	65.7	105.7





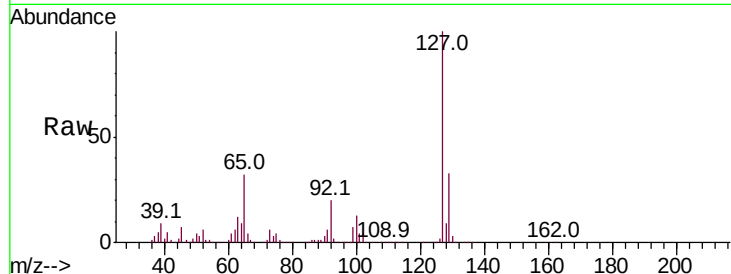
#33
4-Chloroaniline
Concen: 40.149 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.6	39.8	
65	31.9	25.7	38.5	
92	19.9	15.4	23.2	

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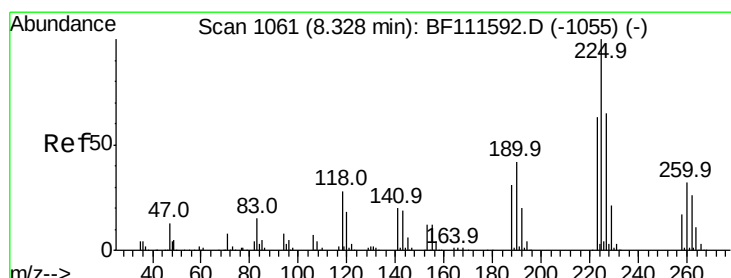
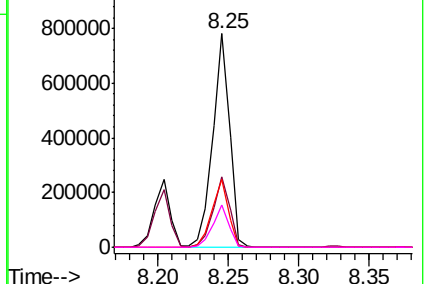
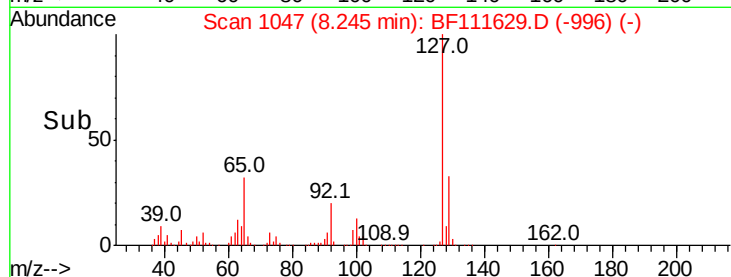
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

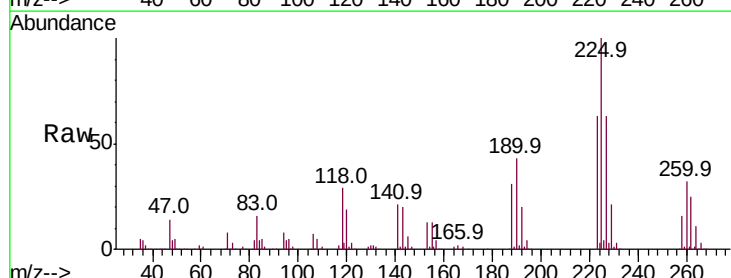
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.266 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	50.7	76.1	
227	62.9	52.6	78.8	

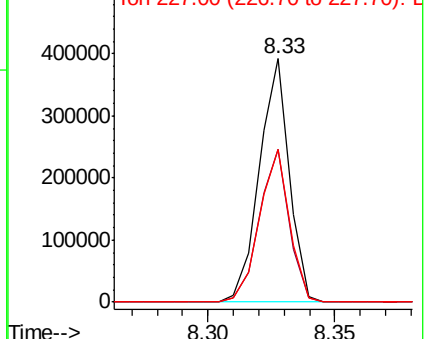
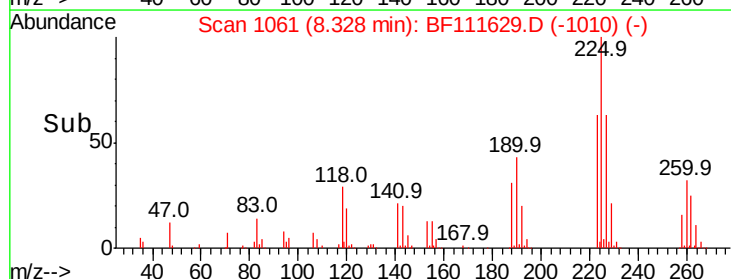


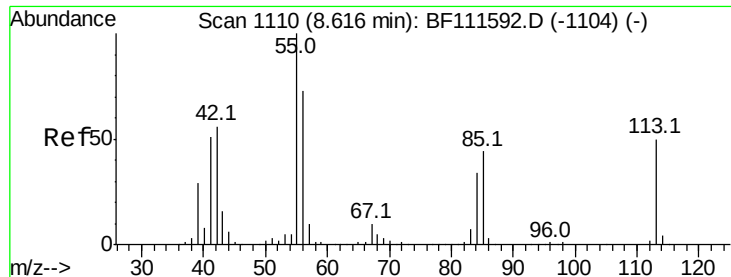
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





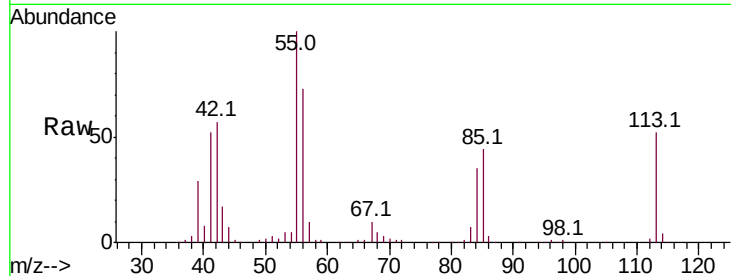
#35
 Caprolactam
 Concen: 41.067 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

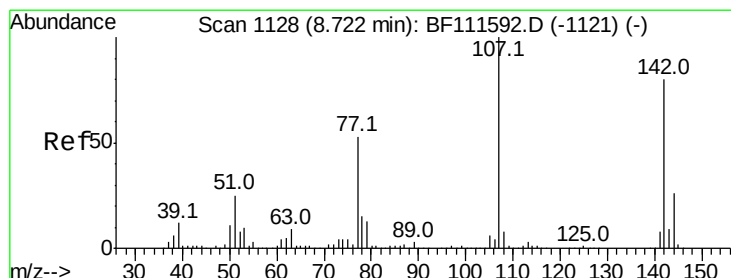
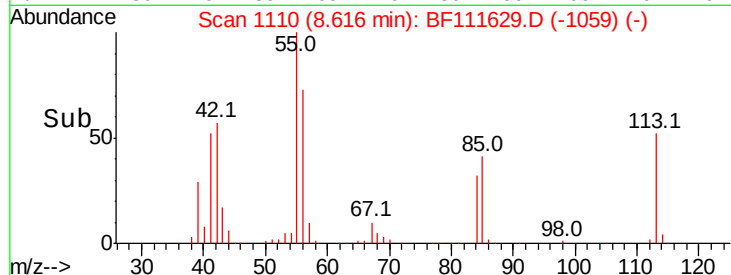
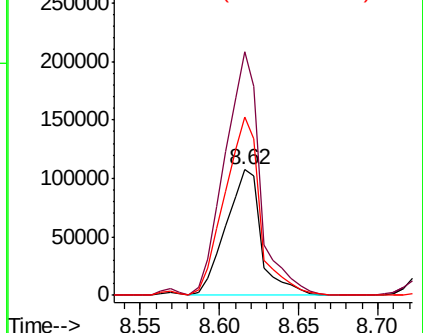
Tot Ion	Ratio	Lower	Upper
113	100		
55	193.7	184.1	224.1
56	142.1	126.0	166.0

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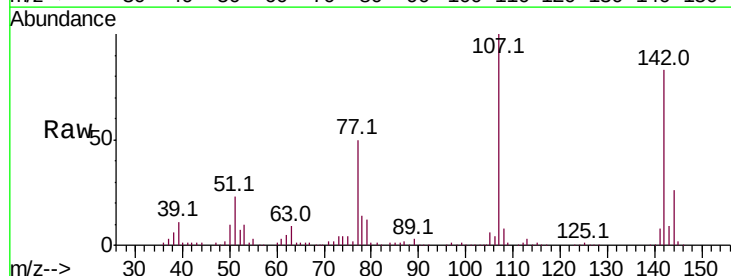


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

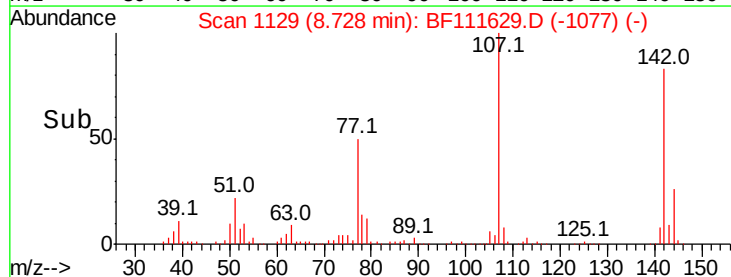
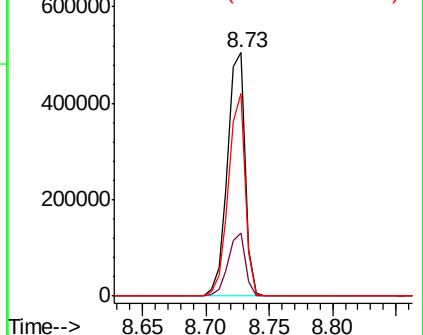


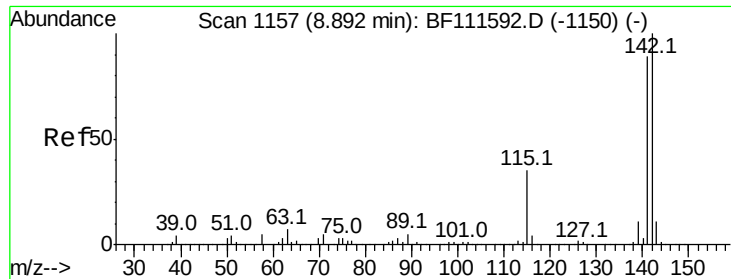
#36
 4-Chloro-3-methylphenol
 Concen: 41.083 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.8	29.6
142	83.0	62.3	93.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





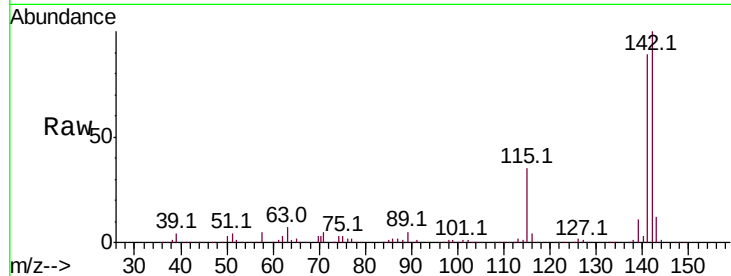
#37
2-Methylnaphthalene
Concen: 40.480 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	984308		
141	88.6		70.6	105.8
115	35.3		27.0	40.6

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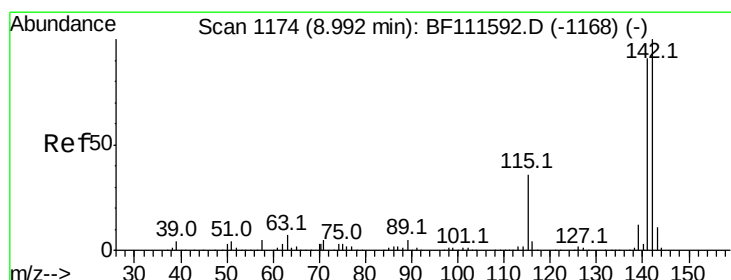
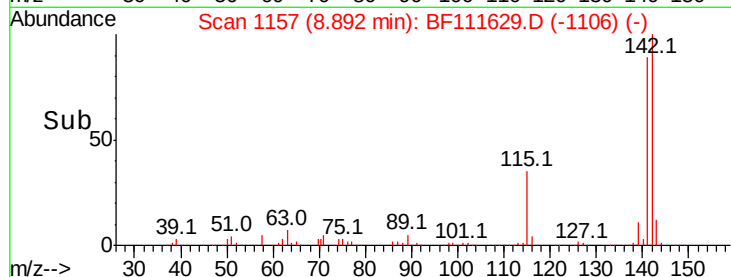
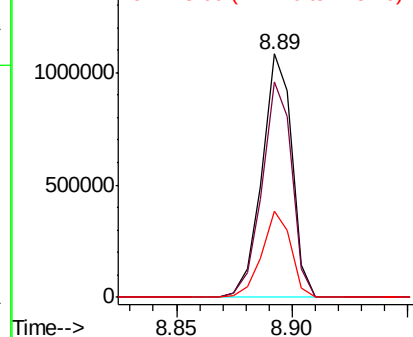


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.309 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

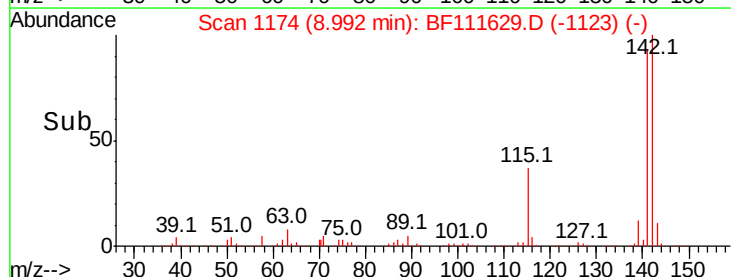
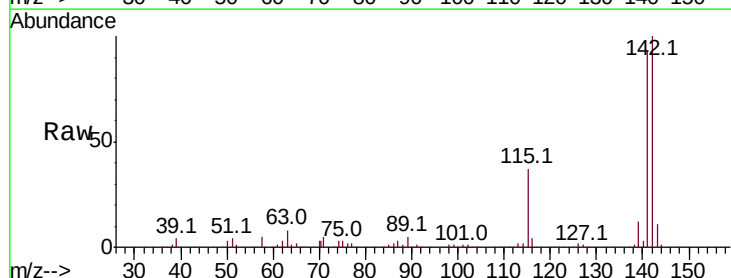
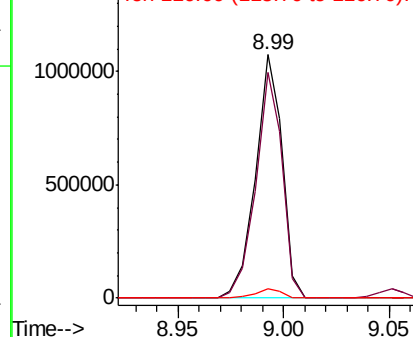
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	941345		
141	92.9		74.2	111.4
116	3.9		2.9	4.3

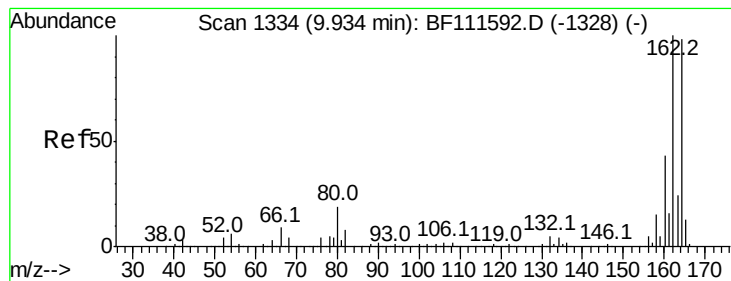
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

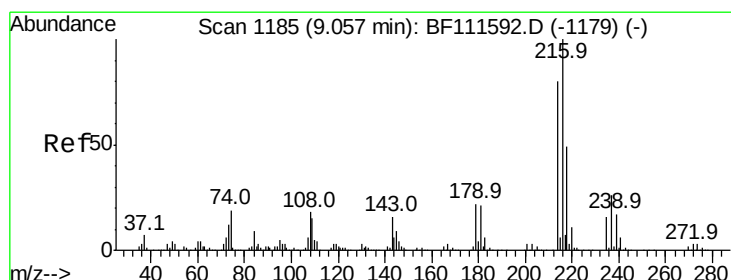
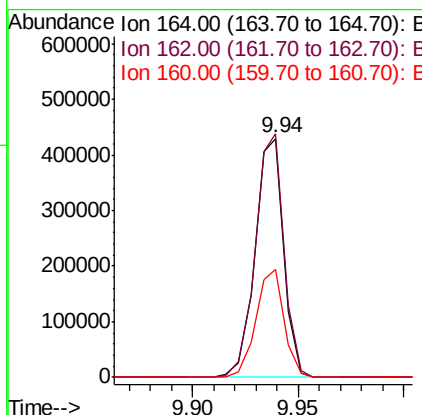
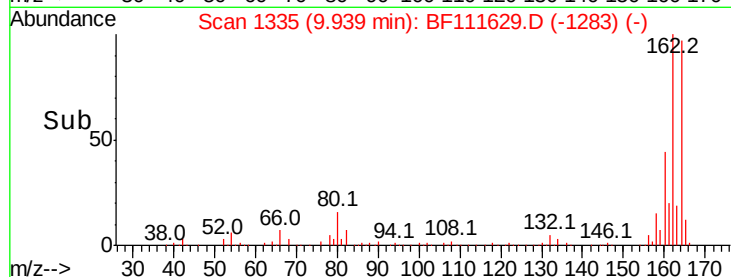
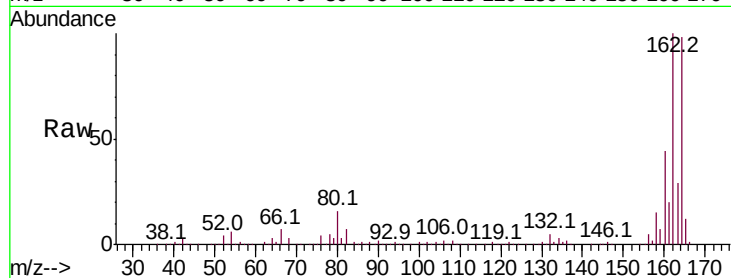
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	402901
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.4	122.0
160	45.3	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.530 ng

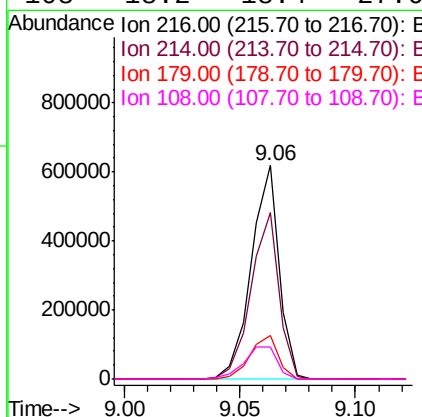
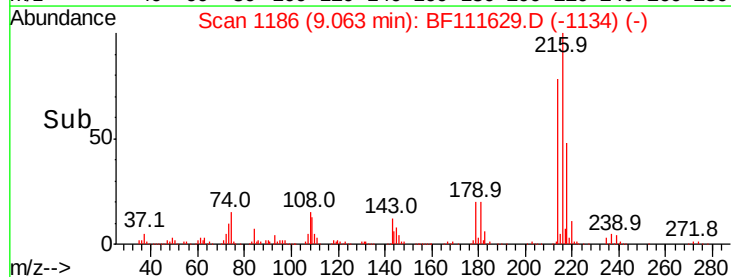
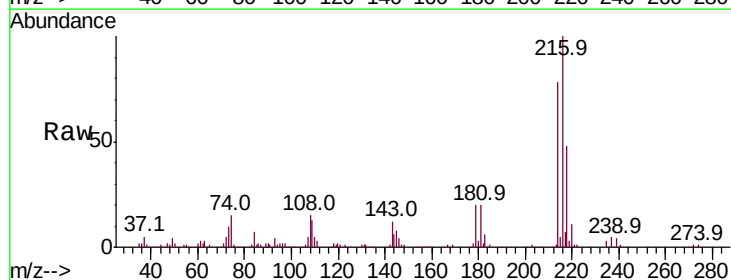
RT: 9.06 min Scan# 1186

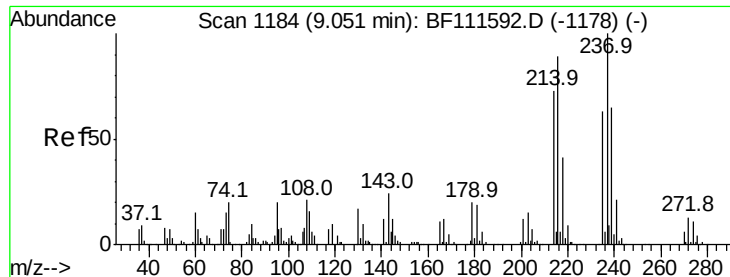
Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tgt Ion:	216	Resp:	523348
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.8	95.8
179	20.8	17.9	26.9
108	18.2	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 44.050 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

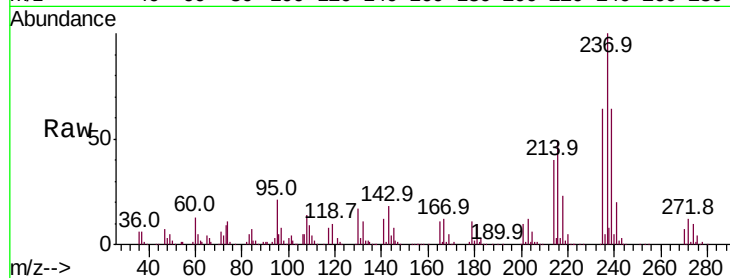
ClientSampleId :

SSTDCCC040

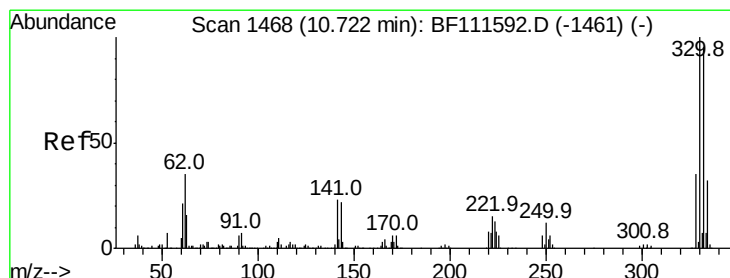
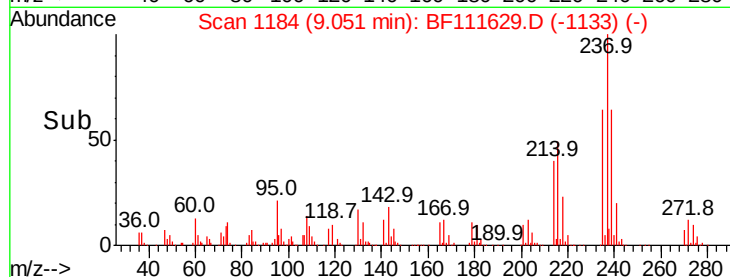
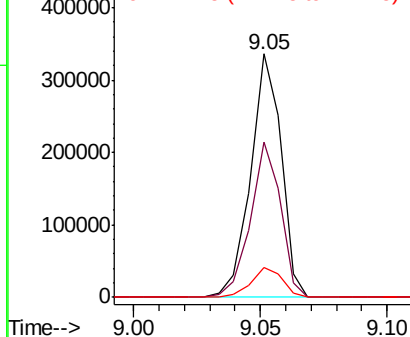
Tot Ion:	237	Resp:	283003
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.1	83.1
272	12.4	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 86.360 ng

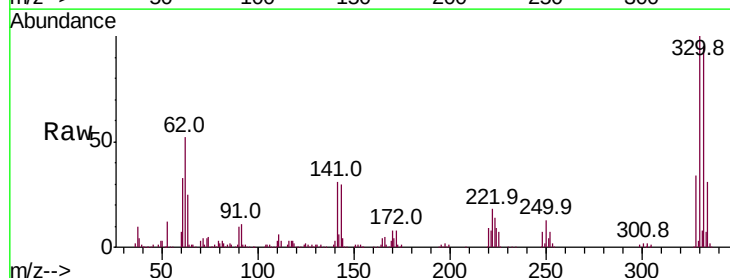
RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

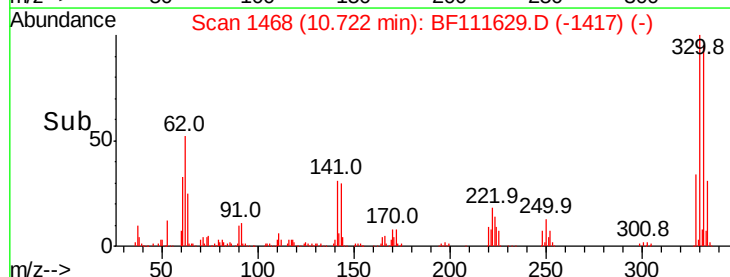
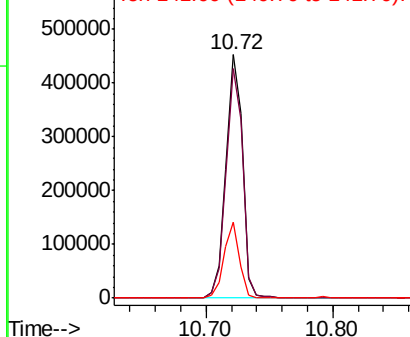
Lab File: BF111629.D

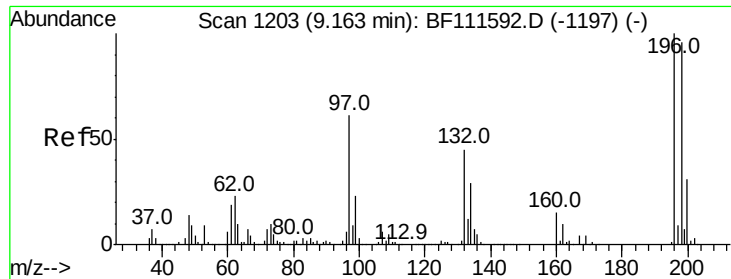
Acq: 20 Dec 2018 10:25

Tgt Ion:	330	Resp:	411123
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.0	114.0
141	29.1	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





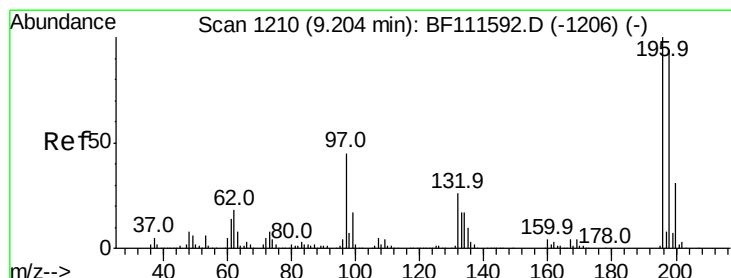
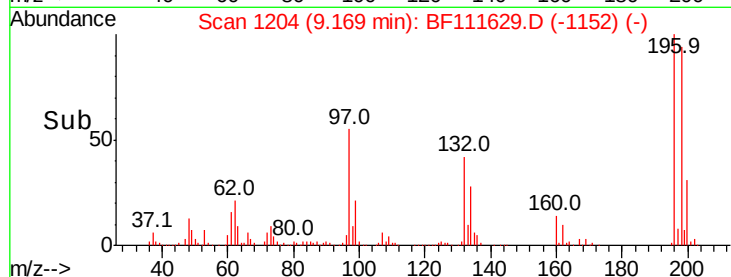
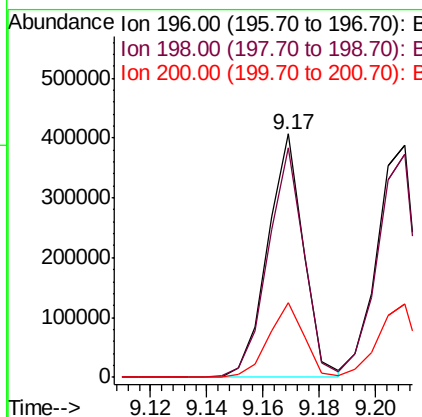
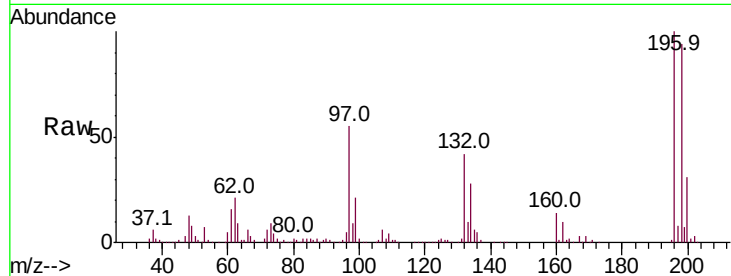
#43
 2,4,6-Trichlorophenol
 Concen: 40.410 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	357192		
198	94.1	76.3	114.5	
200	30.5	24.9	37.3	

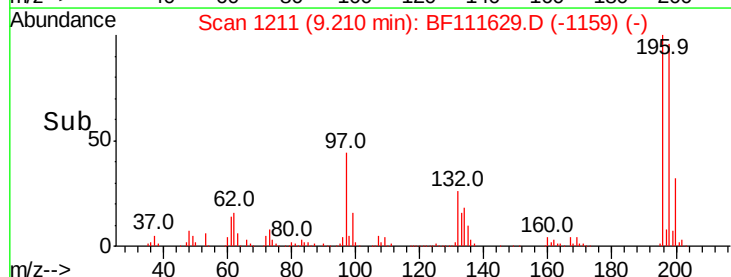
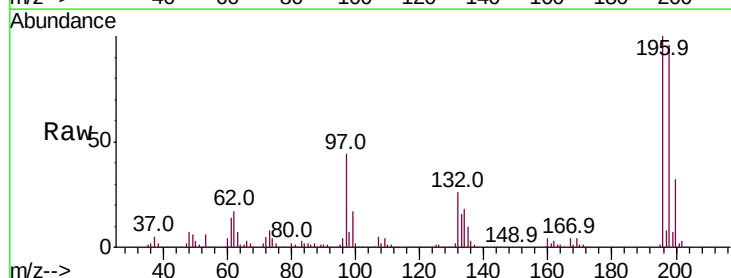
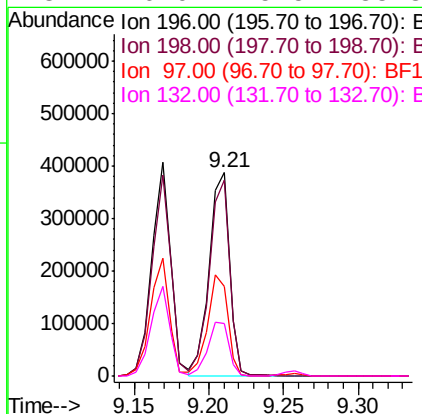
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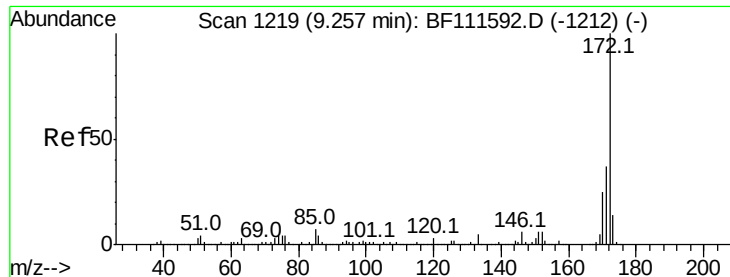
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#44
 2,4,5-Trichlorophenol
 Concen: 40.495 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	367217		
198	96.0	72.9	109.3	
97	44.2	45.3	67.9#	
132	26.0	25.5	38.3	





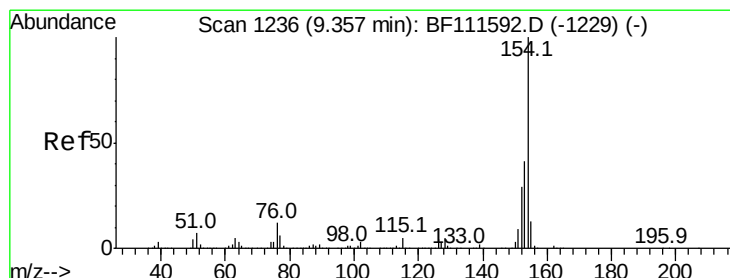
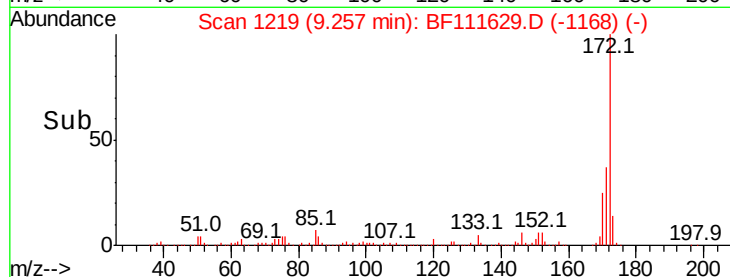
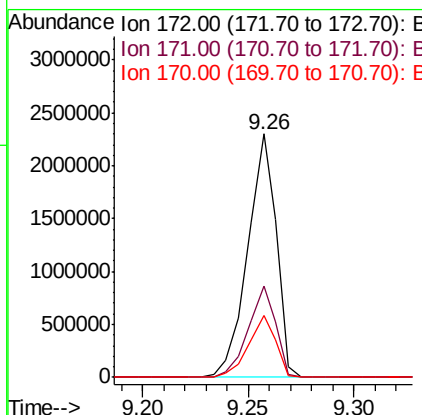
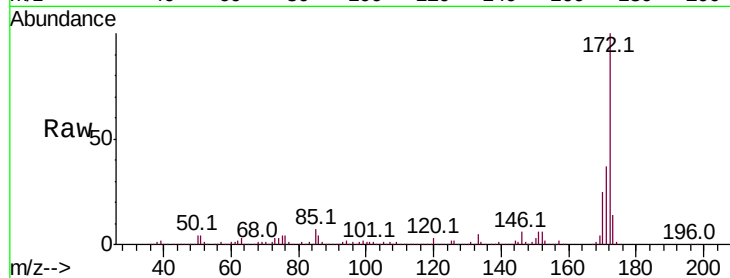
#45
2-Fluorobiphenyl
Concen: 77.897 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.0	49.4
170	25.2	22.3	33.5

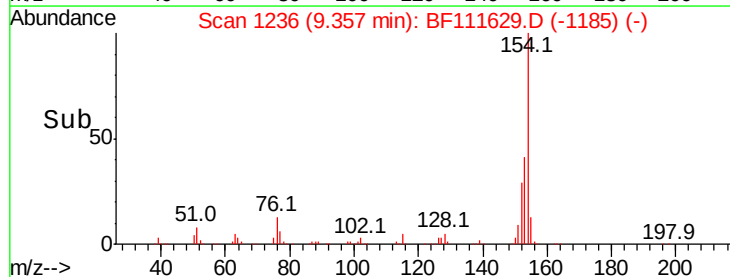
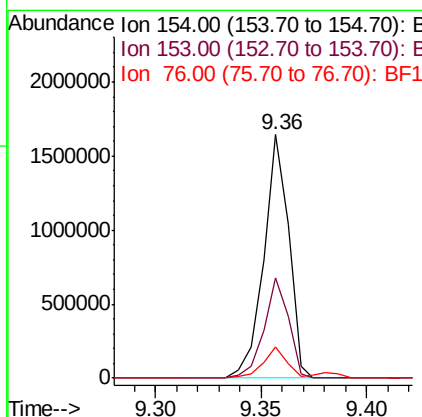
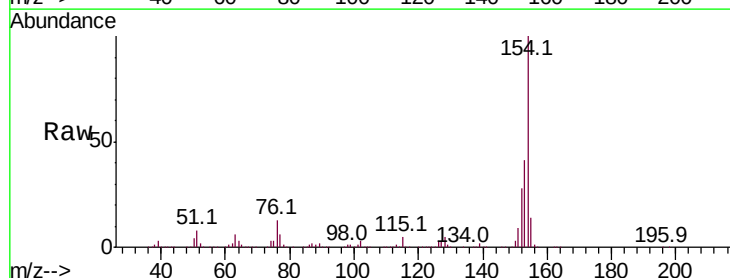
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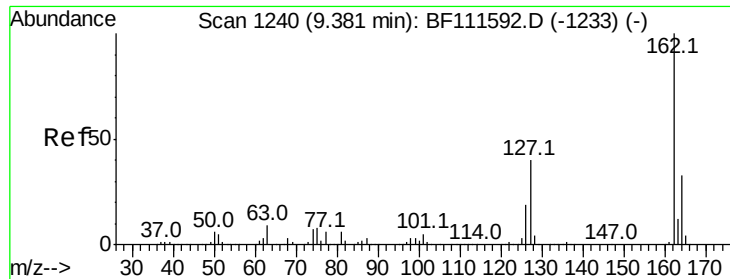
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#46
1,1'-Biphenyl
Concen: 39.774 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.7	63.7
76	12.8	0.0	35.0





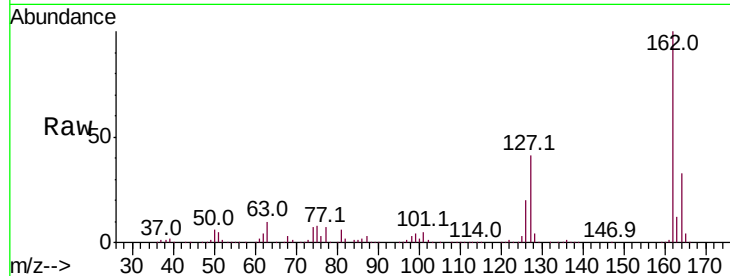
#47
2-Chloronaphthalene
Concen: 39.263 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	35.0	52.4
164	32.9	28.4	42.6

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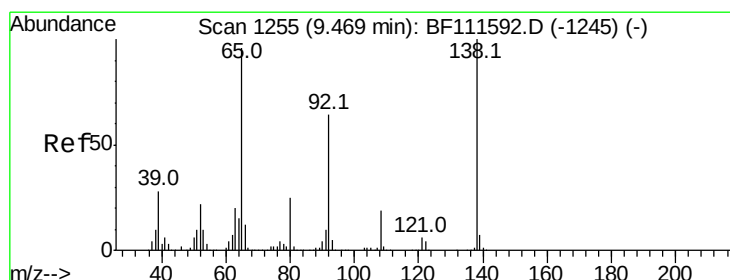
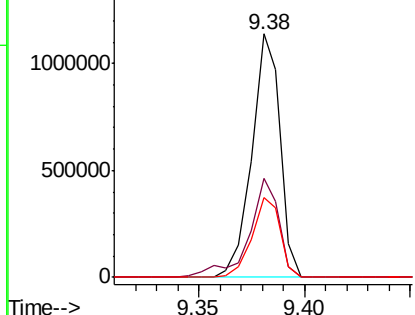
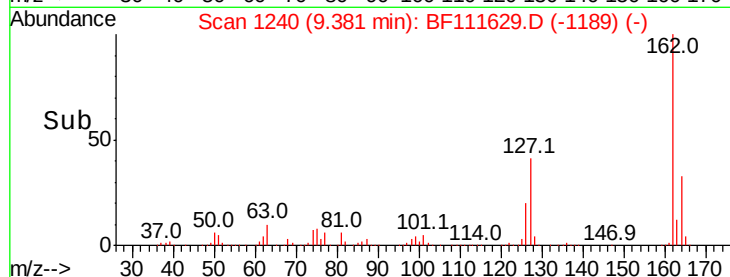


Abundance

Ion 162.00 (161.70 to 162.70): E

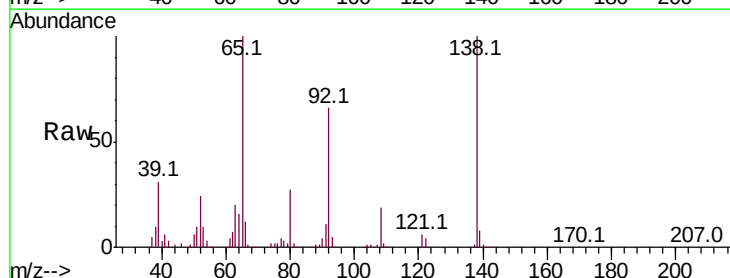
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.288 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.5	80.3
138	100.0	80.9	121.3

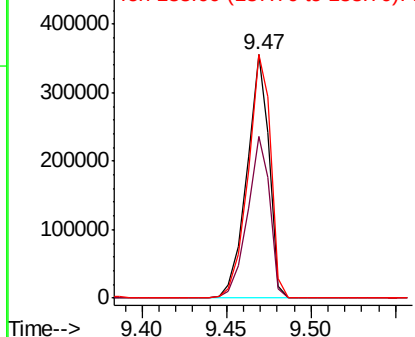
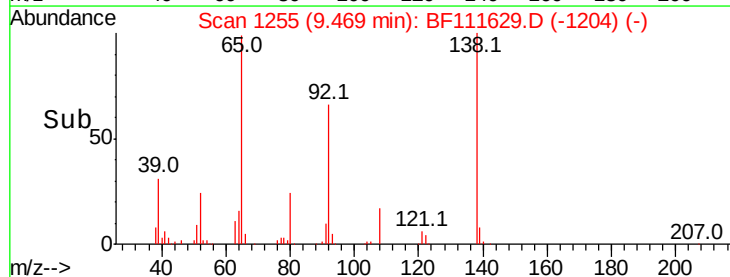


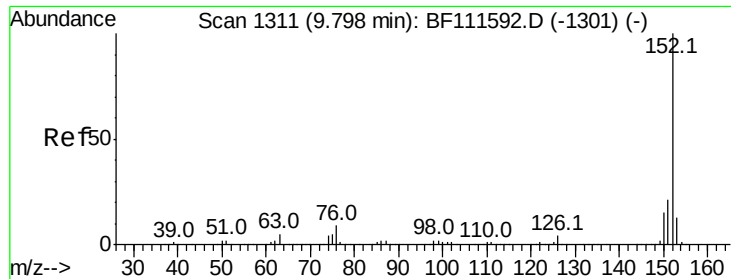
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.865 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1568428

Ion Ratio Lower Upper

152 100

151 21.0 18.0 27.0

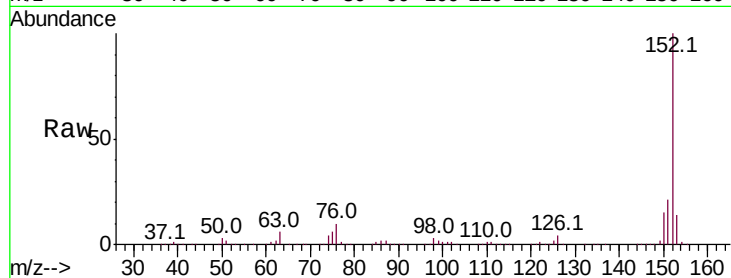
153 13.9 12.3 18.5

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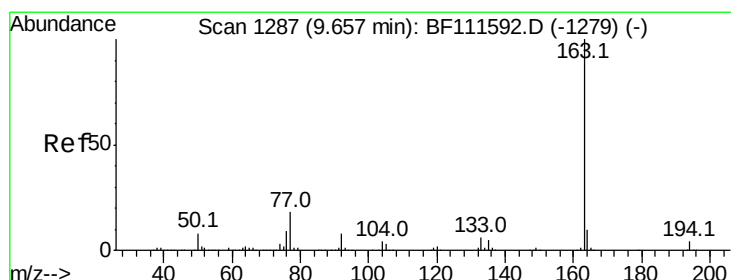
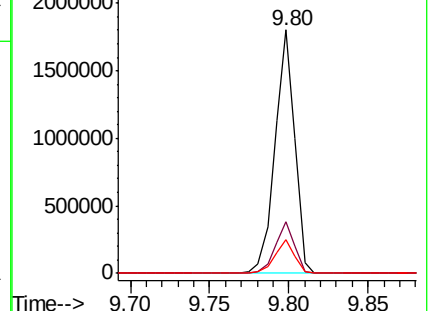
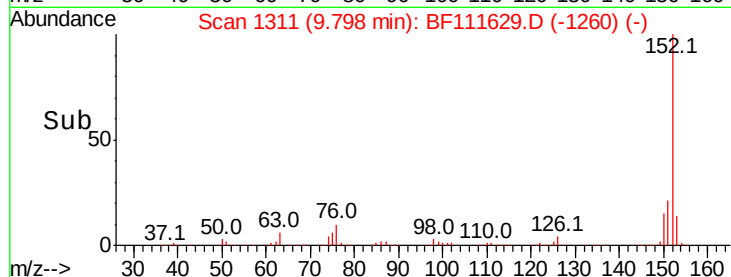
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.806 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

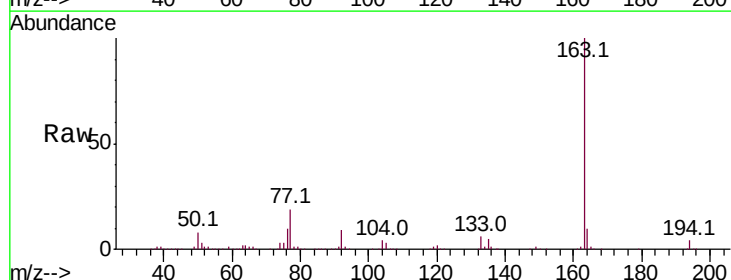
Tgt Ion:163 Resp: 1172816

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

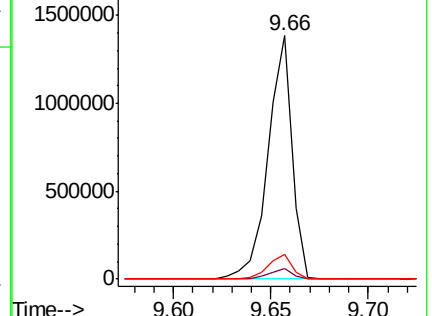
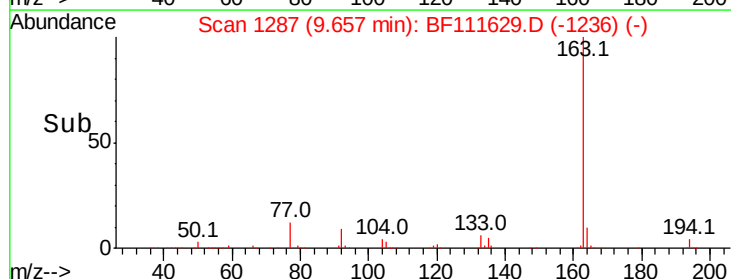
164 10.2 8.9 13.3

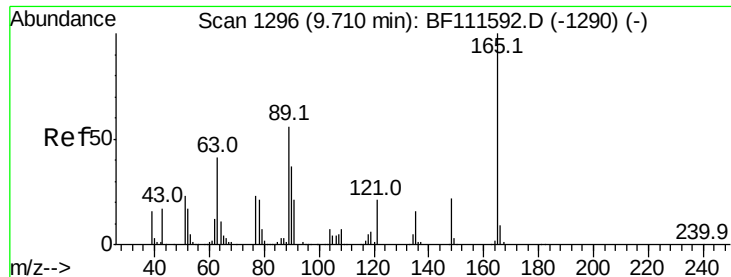


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





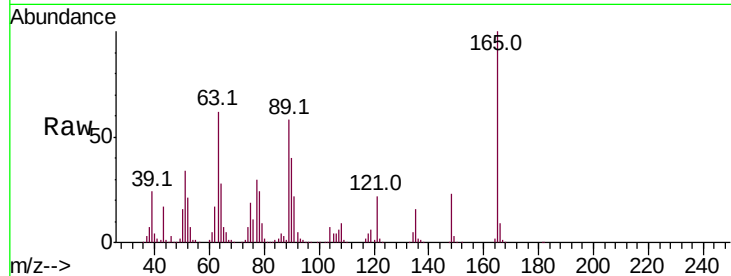
#51
2,6-Dinitrotoluene
Concen: 45.369 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

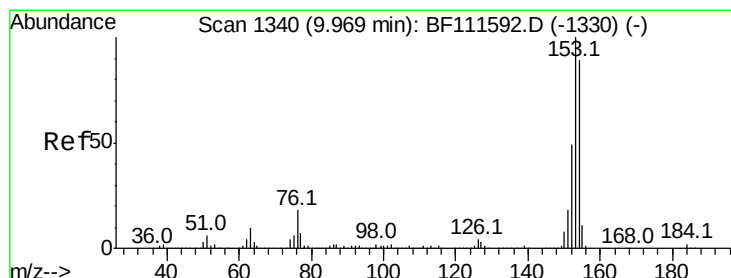
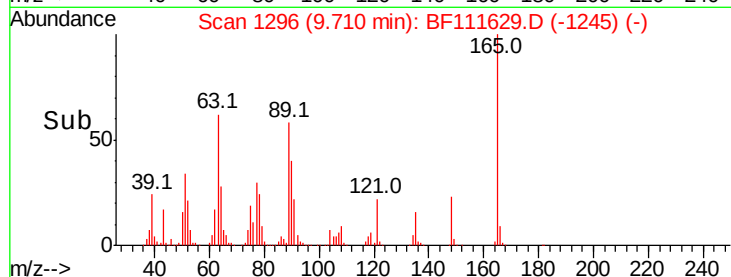
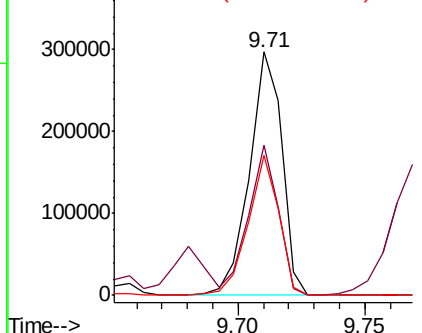
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	61.9	40.5	60.7#
89	57.6	40.0	60.0

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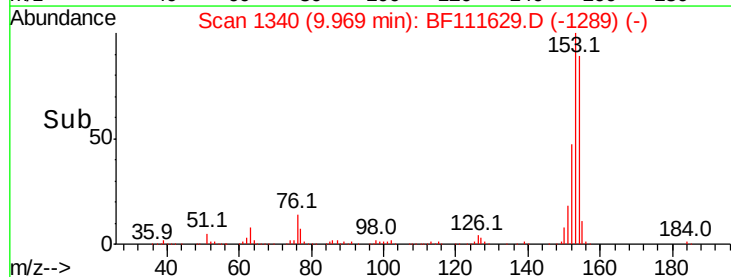
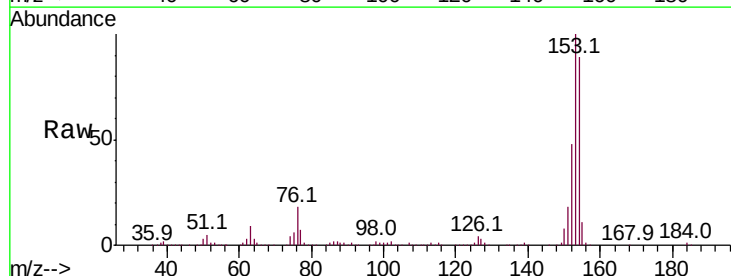
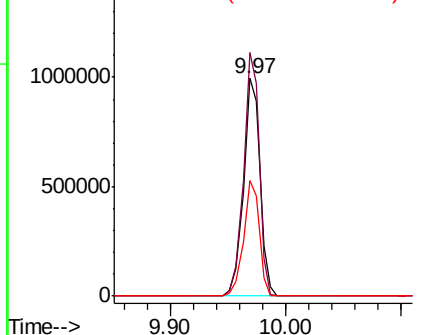
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

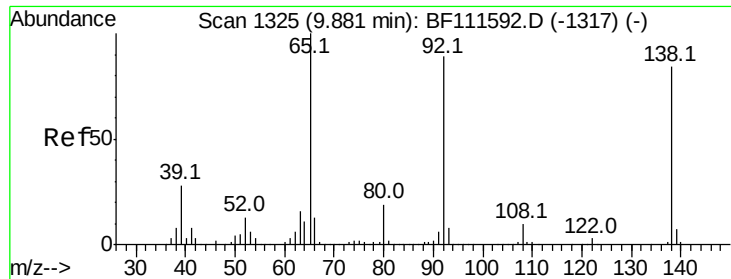


#52
Acenaphthene
Concen: 40.710 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.9	87.8	131.8
152	53.2	43.4	65.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





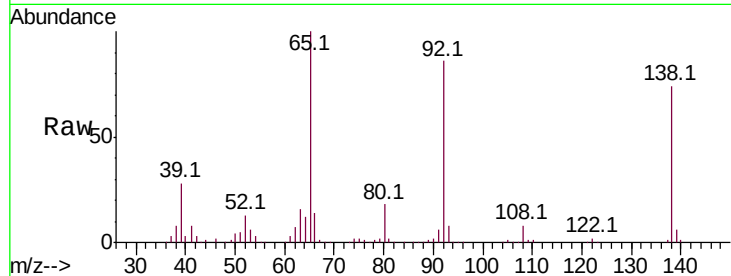
#53
3-Nitroaniline
Concen: 47.288 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.2	12.4
92	115.1	93.4	140.2

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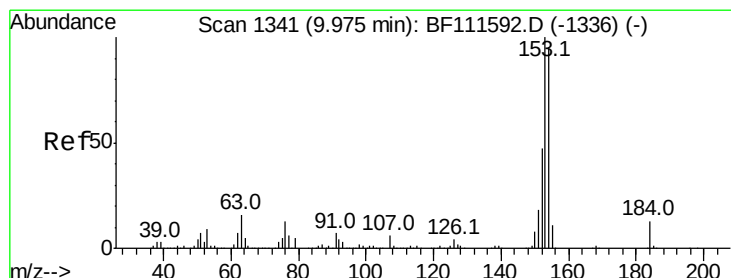
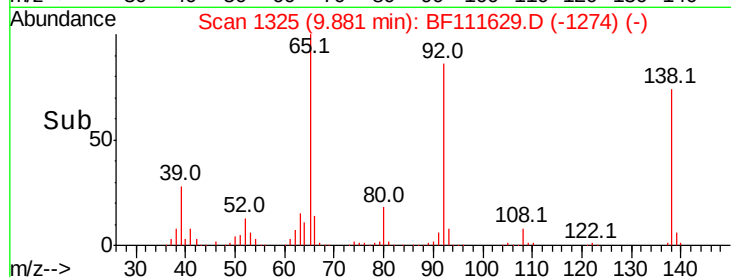
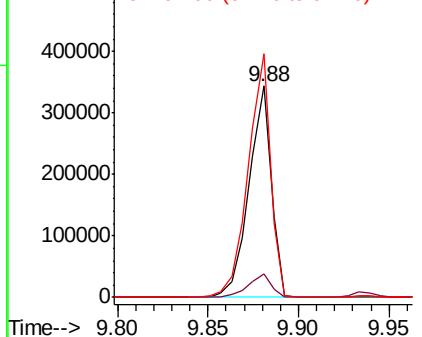


Abundance

Ion 138.00 (137.70 to 138.70): E

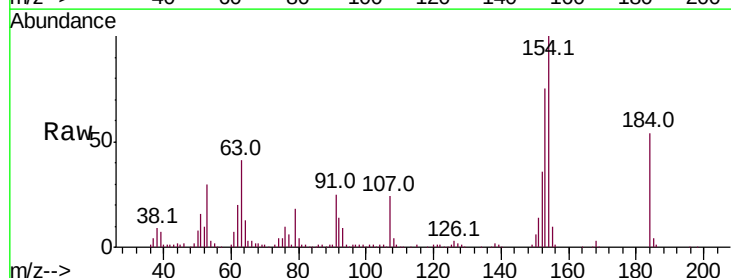
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 52.515 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.0	62.3	93.5
154	184.4	56.2	84.2#

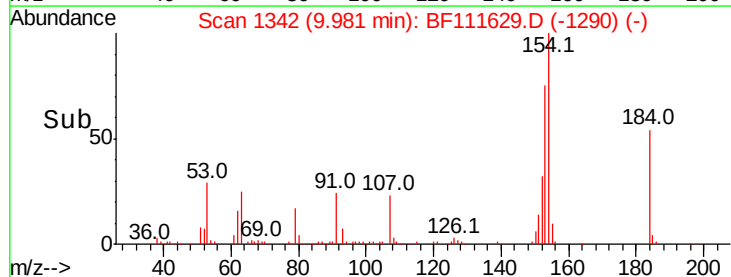
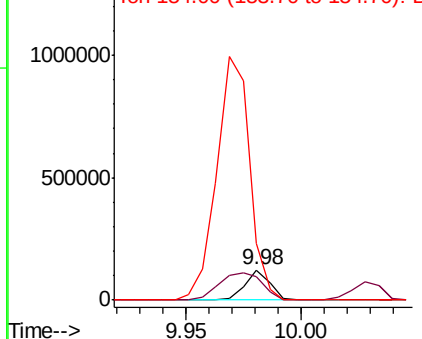


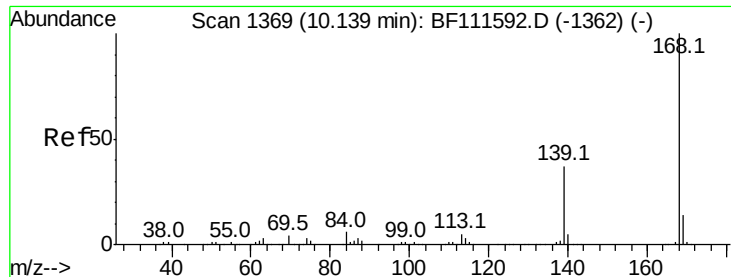
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.244 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1475350

Ion Ratio Lower Upper

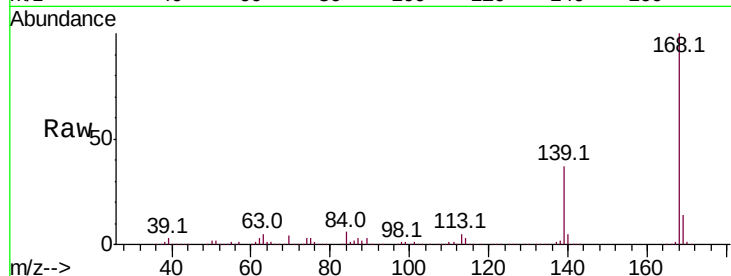
168 100

139 37.4 32.6 49.0

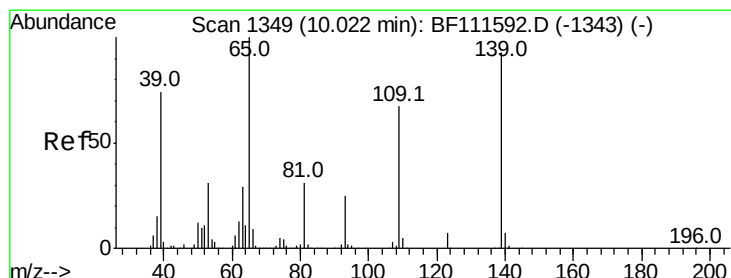
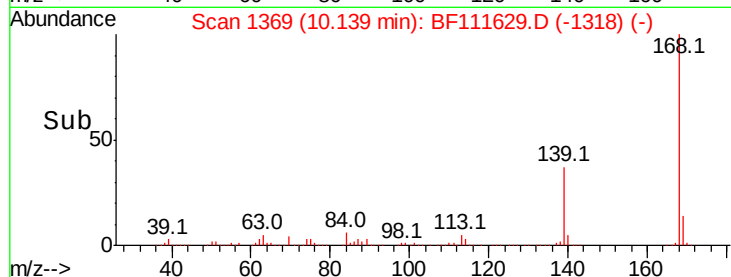
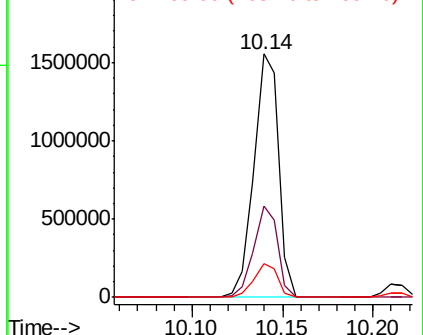
169 14.0 11.8 17.6

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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: 48.158 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

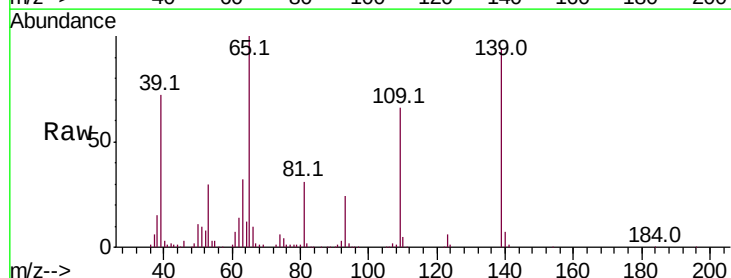
Tgt Ion:139 Resp: 230273

Ion Ratio Lower Upper

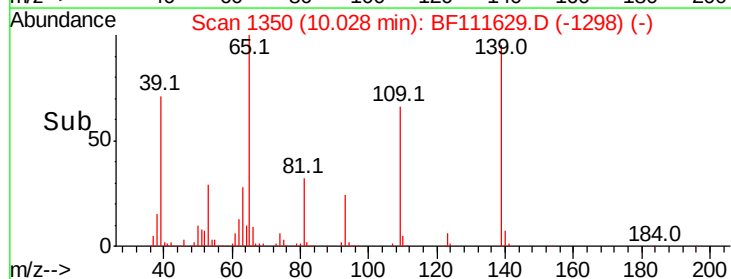
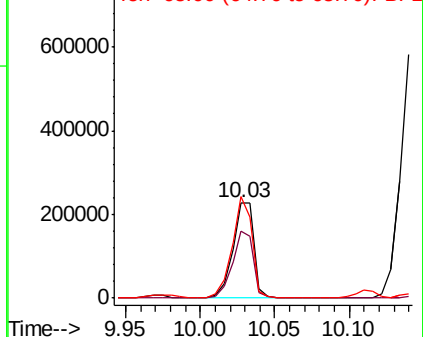
139 100

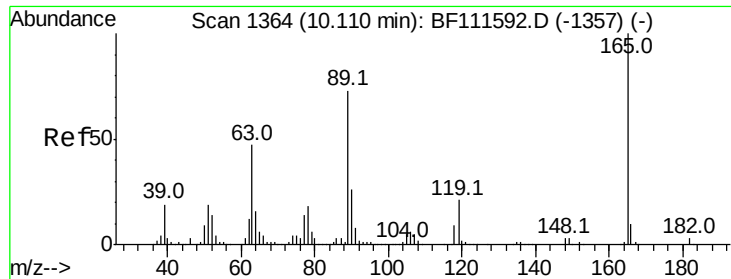
109 69.4 41.8 81.8

65 105.9 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





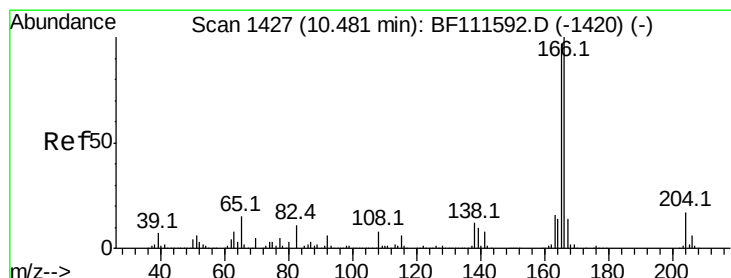
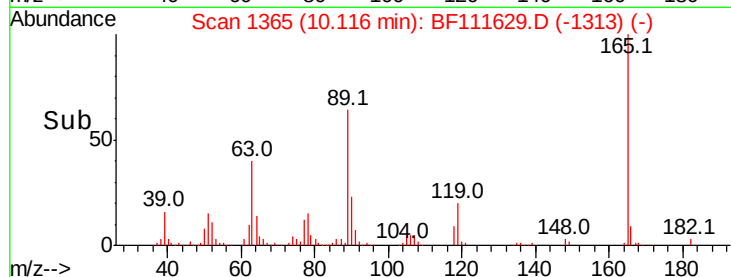
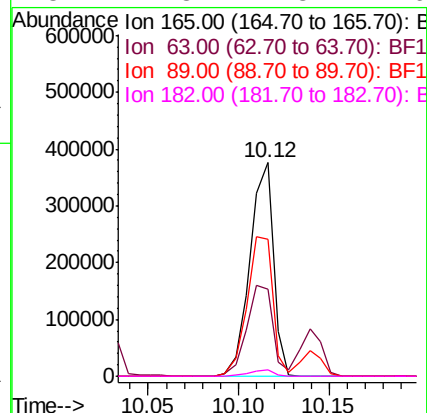
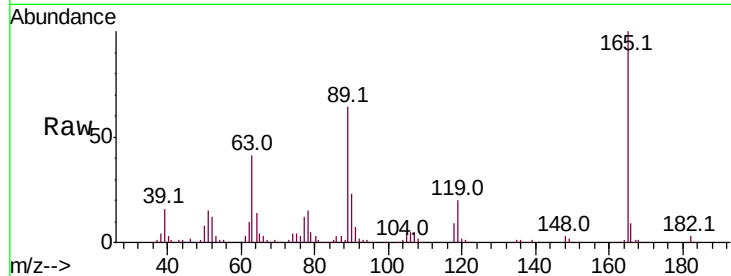
#57
2,4-Dinitrotoluene
Concen: 48.141 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.7	34.6	52.0	
89	64.1	56.2	84.4	
182	2.8	1.8	2.6	

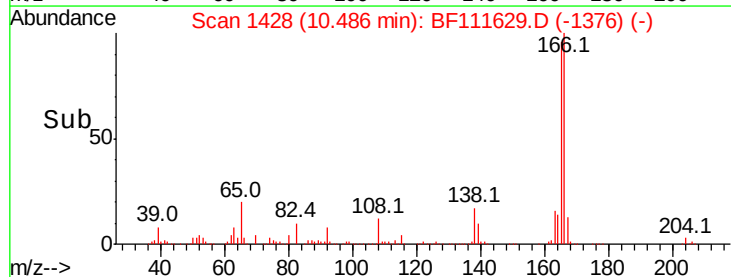
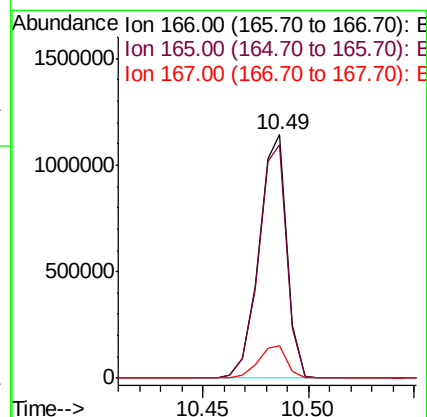
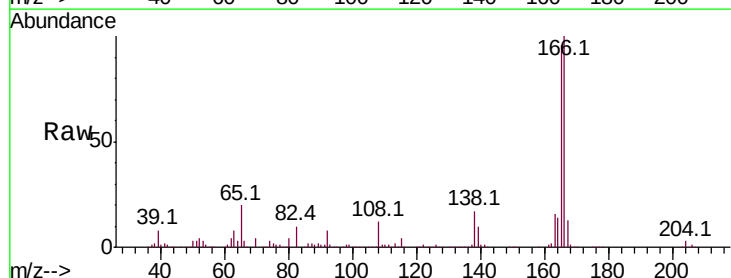
Manual Integrations
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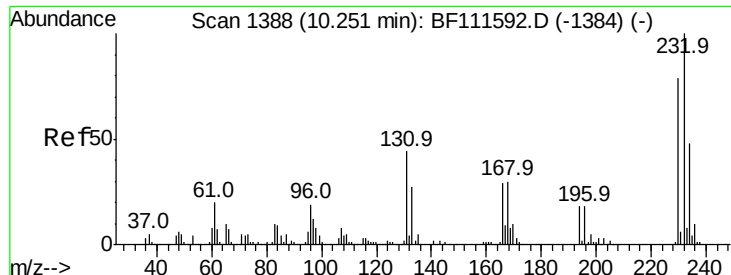
Sohil
12/21/2018 2:46:32 PM



#58
Fluorene
Concen: 39.727 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.1	78.4	117.6	
167	13.1	11.2	16.8	





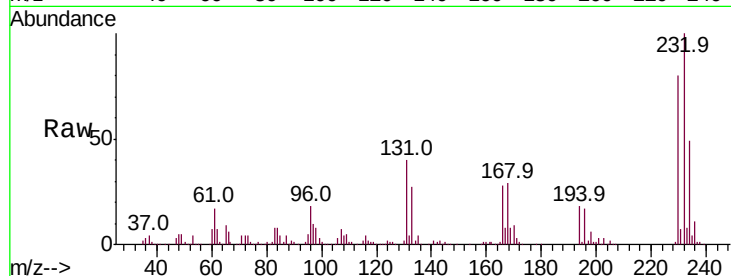
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.843 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	40.9	61.3
130	1.9	2.0	3.0
166	28.7	26.8	40.2

Manual Integrations
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Sohil
 12/21/2018 2:46:32 PM



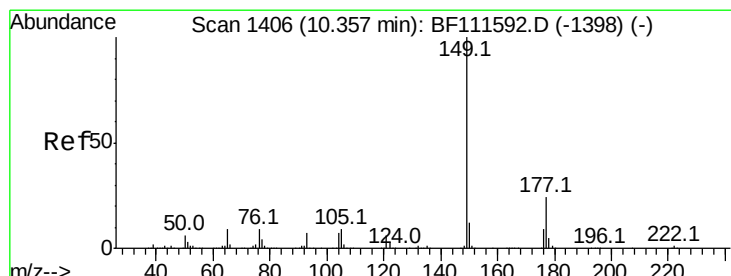
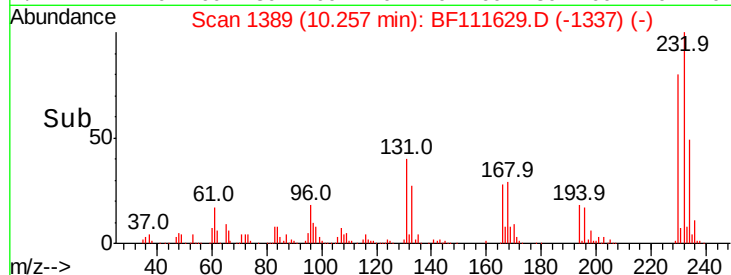
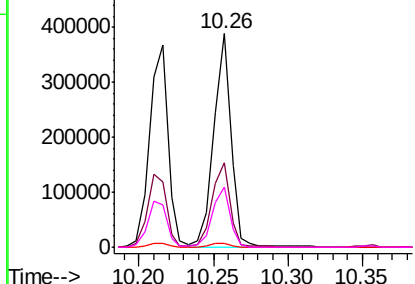
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.774 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

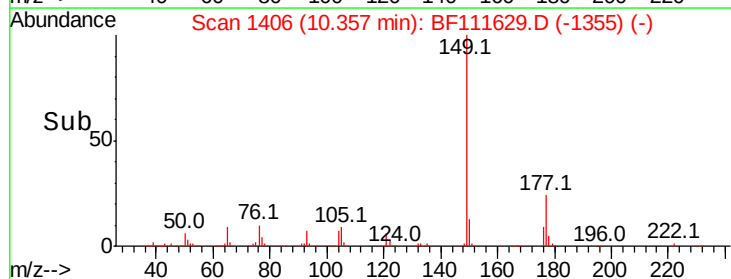
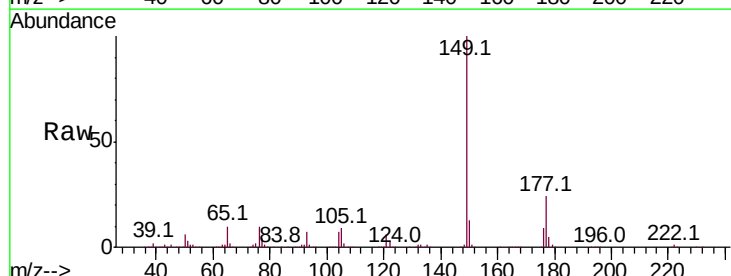
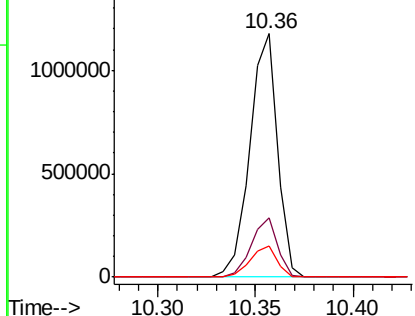
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	12.8	10.6	15.8

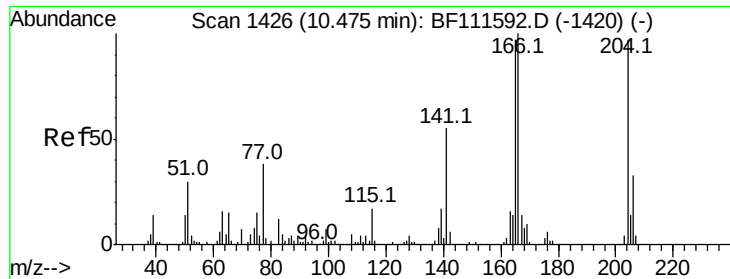
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





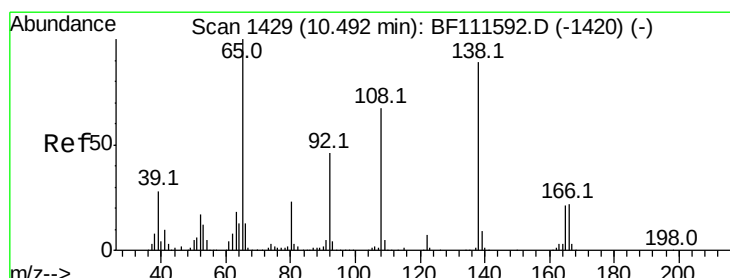
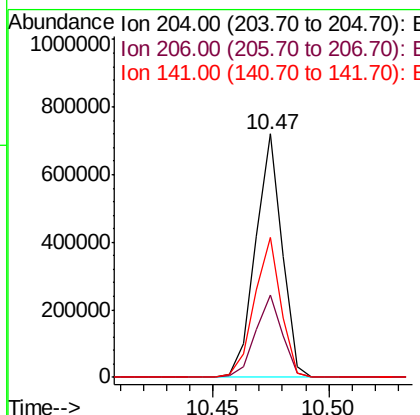
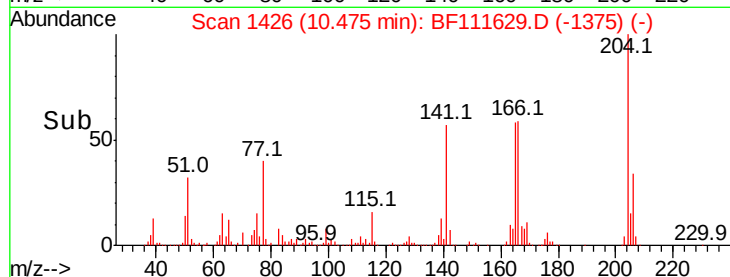
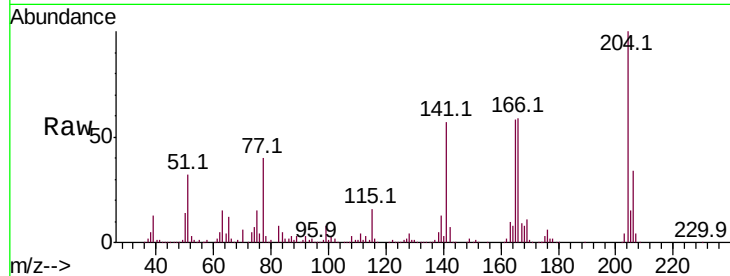
#61
 4-Chlorophenyl-phenylether
 Concen: 39.712 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	579591
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.6	39.8
141	57.4	52.6	78.8

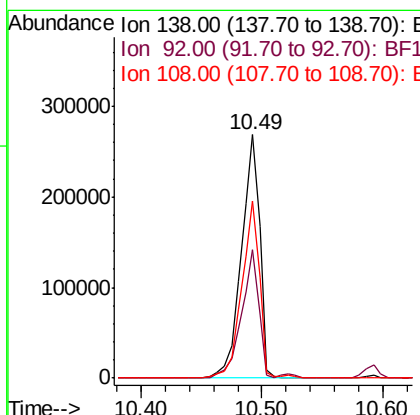
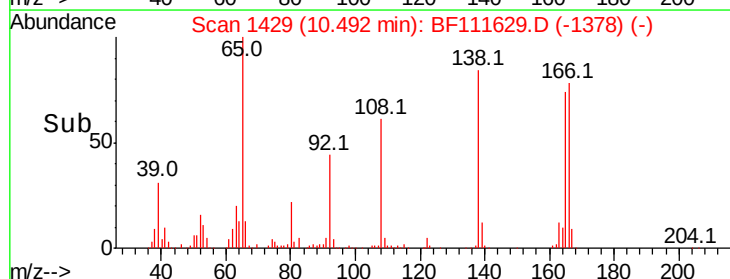
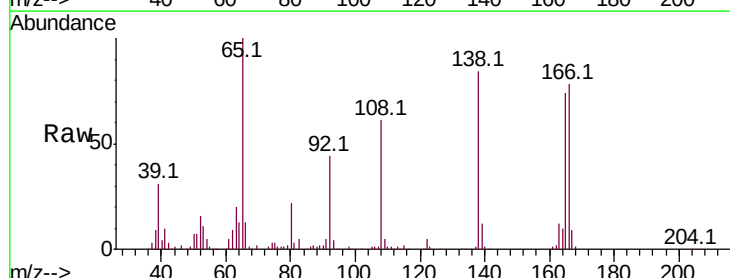
Manual Integrations
 APPROVED

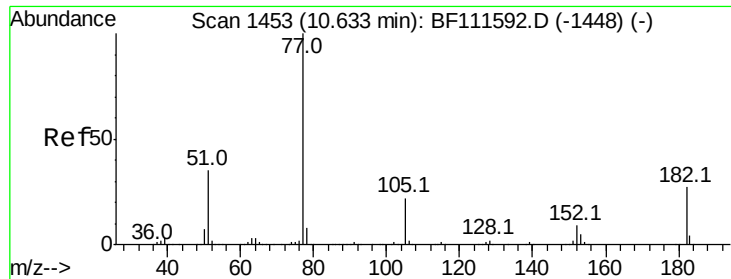
Sohil
 12/21/2018 2:46:32 PM



#62
 4-Nitroaniline
 Concen: 46.825 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion:	138	Resp:	285148
Ion Ratio	Lower	Upper	
138	100		
92	52.5	29.9	69.9
108	72.5	43.2	83.2





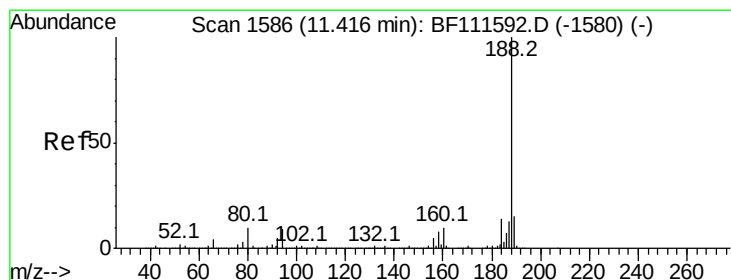
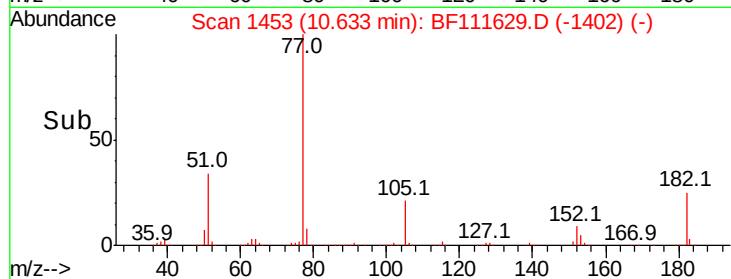
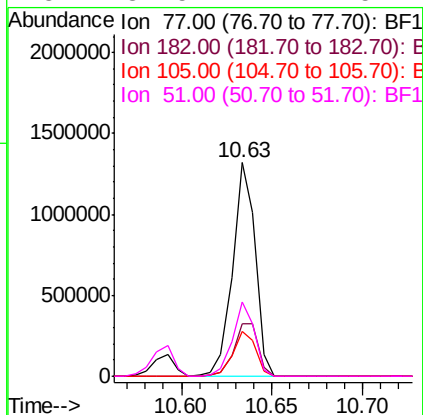
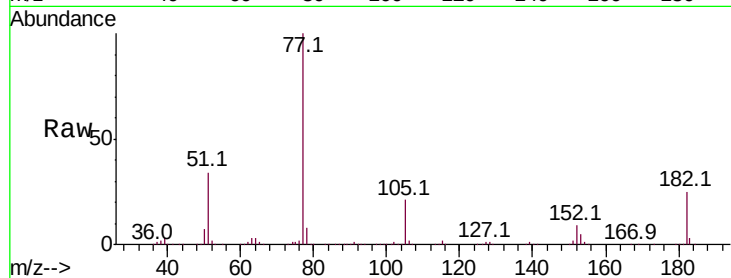
#63
Azobenzene
Concen: 39.498 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.9	44.9
105	20.9	6.0	46.0
51	34.5	14.7	54.7

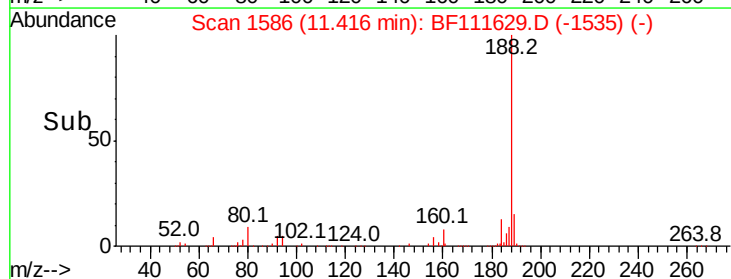
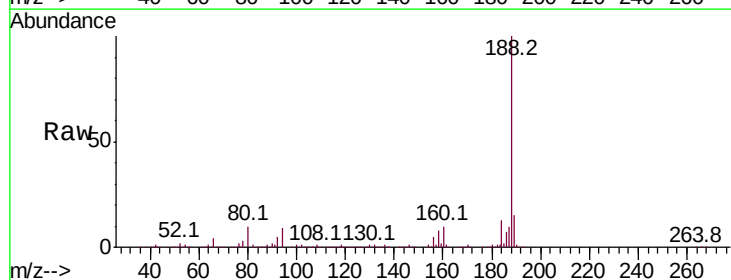
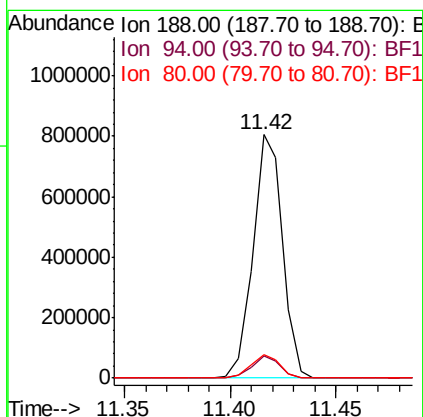
Manual Integrations
APPROVED

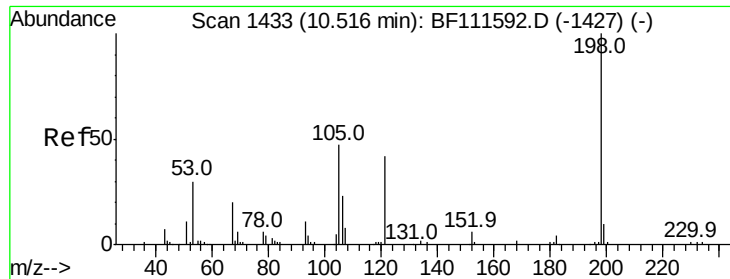
Sohil
12/21/2018 2:46:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	9.6	9.8	14.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 48.399 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 156676

Ion Ratio Lower Upper

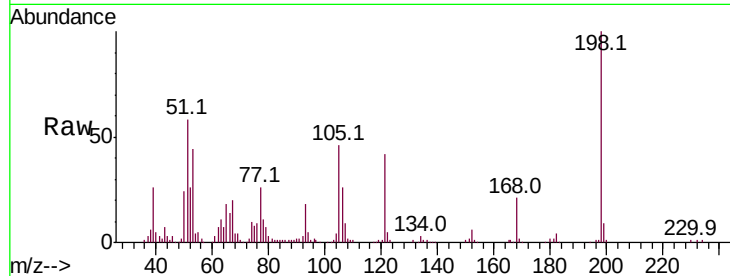
198 100

51 58.3 48.0 88.0

105 46.5 34.0 74.0

Manual Integrations
APPROVED

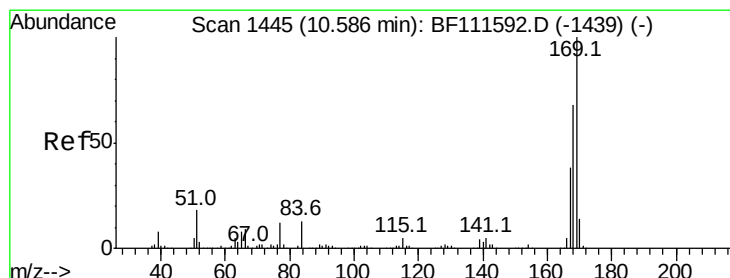
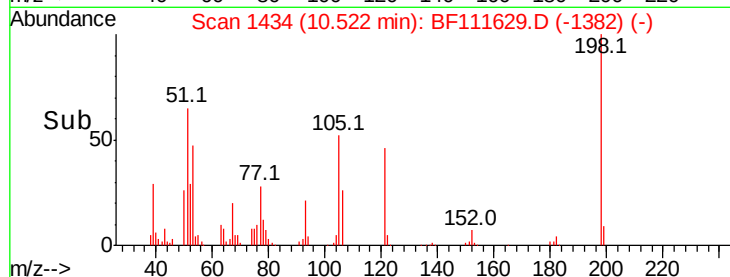
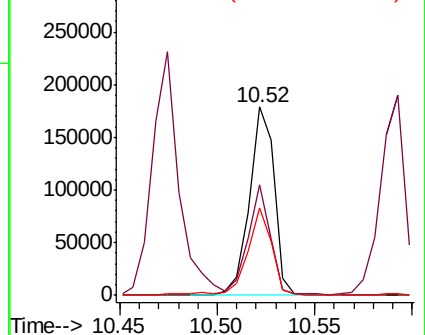
Sohil
12/21/2018 2:46:32 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.940 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

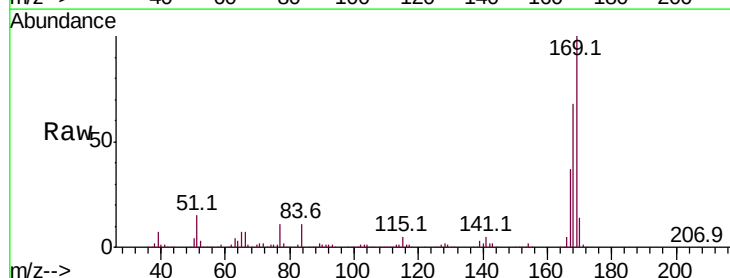
Tgt Ion:169 Resp: 1022489

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

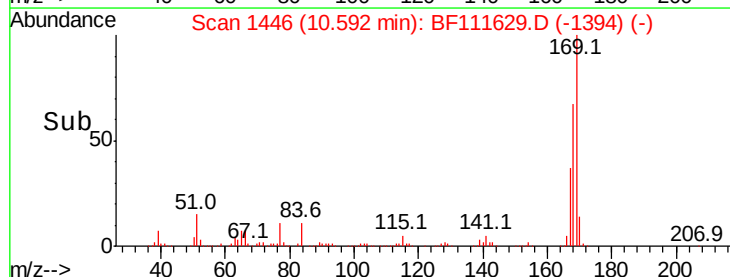
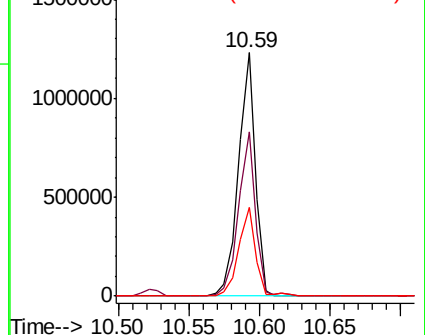
167 36.6 30.5 45.7

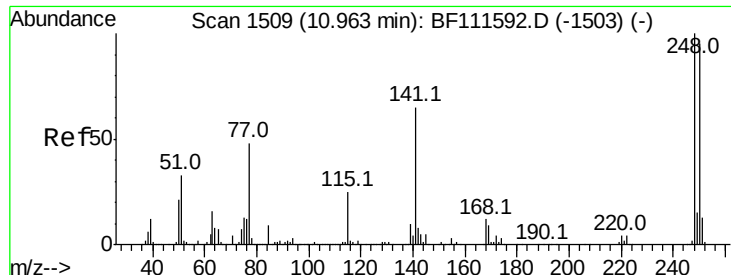


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





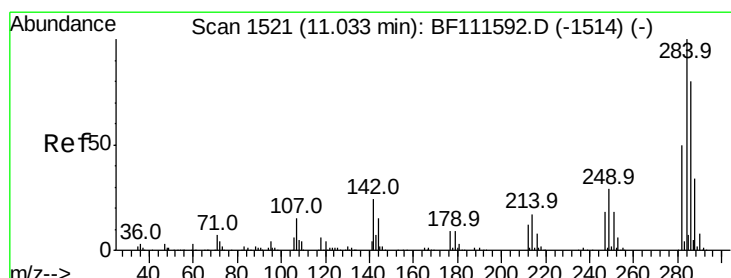
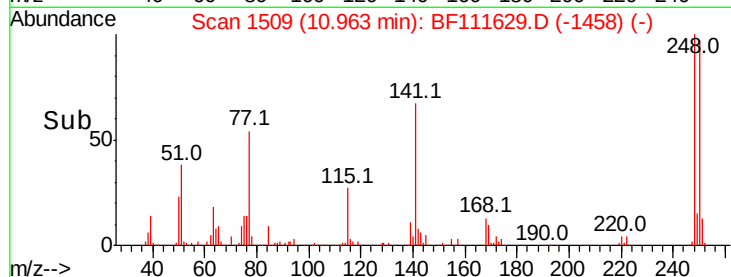
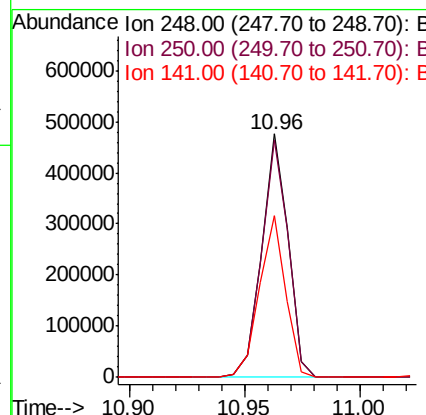
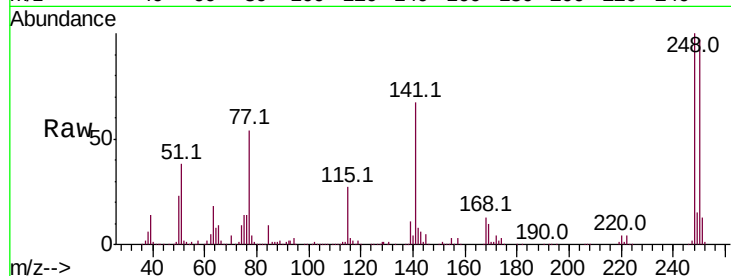
#67
 4-Bromophenyl-phenylether
 Concen: 39.149 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.4
141	66.7	63.0	94.6

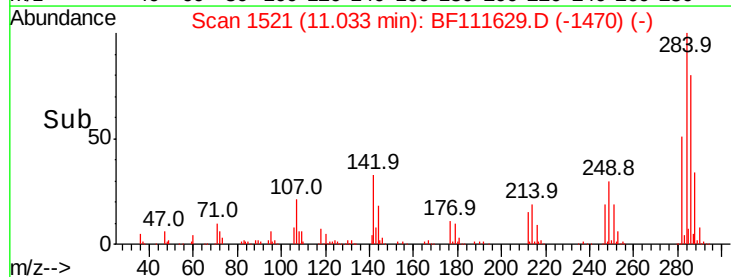
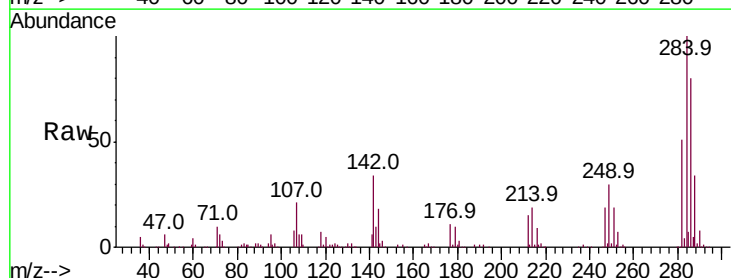
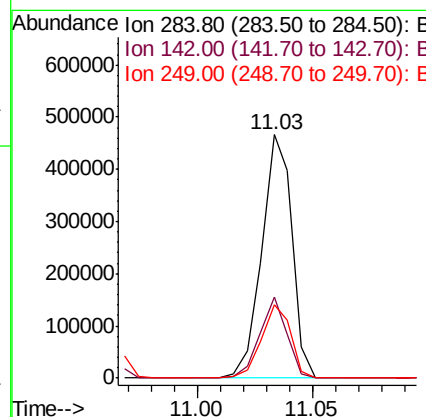
Manual Integrations
 APPROVED

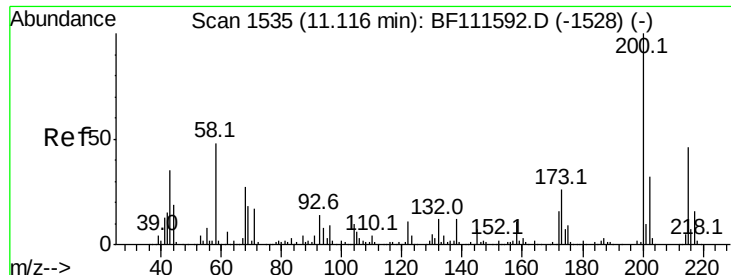
Sohil
 12/21/2018 2:46:32 PM



#68
 Hexachlorobenzene
 Concen: 39.261 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.4	41.2
249	30.2	24.4	36.6





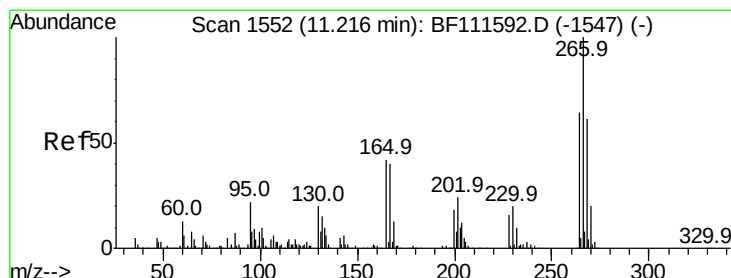
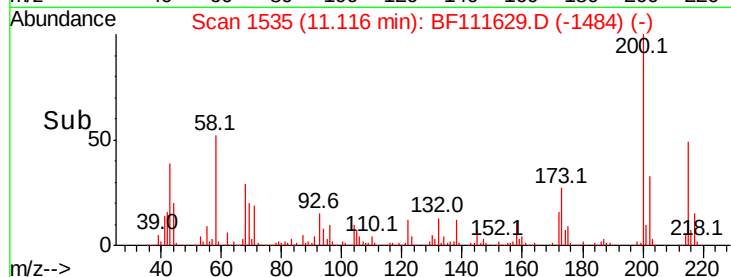
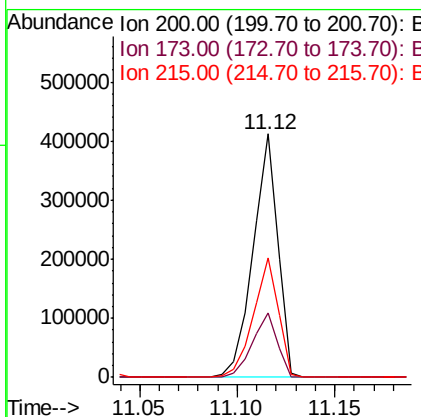
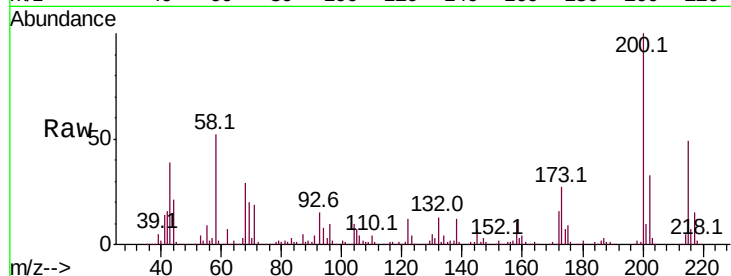
#69
Atrazine
Concen: 39.797 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	10.1	50.1
215	49.1	26.9	66.9

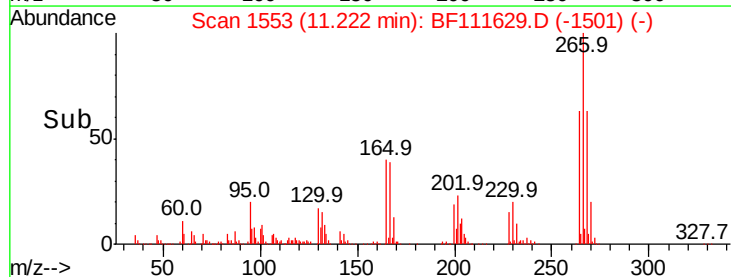
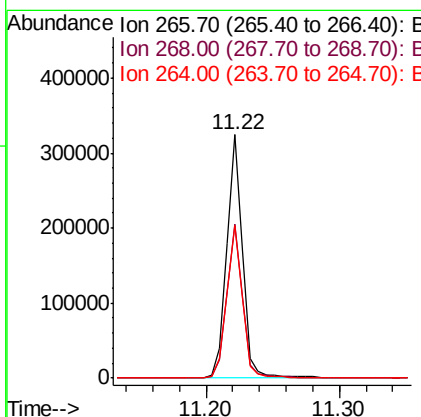
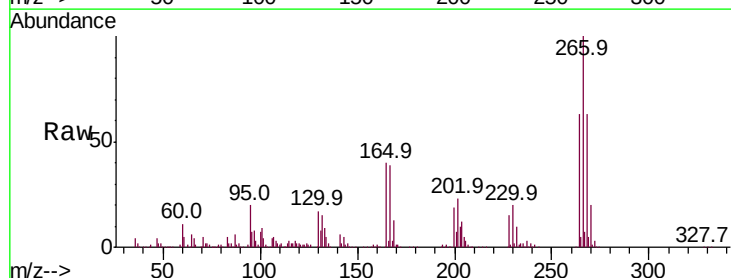
Manual Integrations
APPROVED

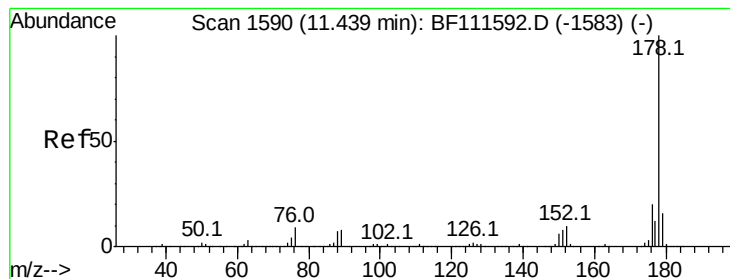
Sohil
12/21/2018 2:46:32 PM



#70
Pentachlorophenol
Concen: 40.921 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	47.9	71.9
264	62.9	49.1	73.7





#71

Phenanthrene

Concen: 38.913 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1614296

Ion Ratio Lower Upper

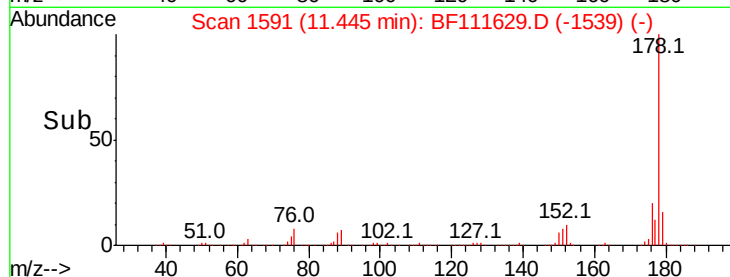
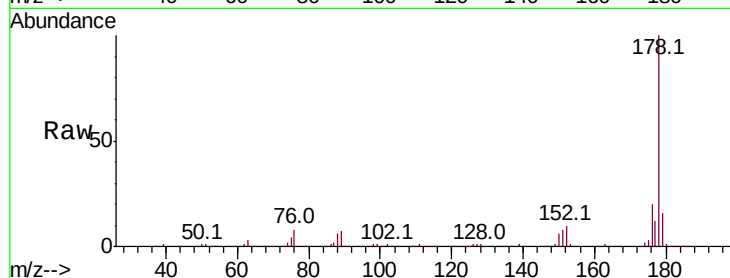
178 100

176 20.1 18.1 27.1

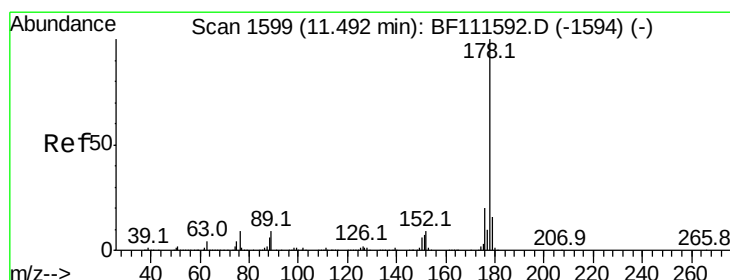
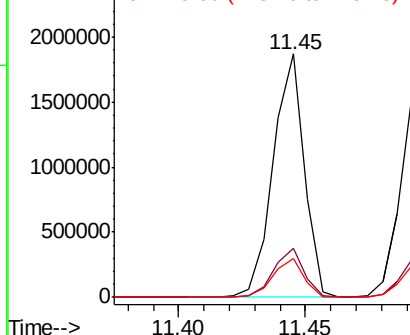
179 15.7 14.0 21.0

Manual Integrations
APPROVED

Sohil
12/21/2018 2:46:32 PM



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



#72

Anthracene

Concen: 39.403 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

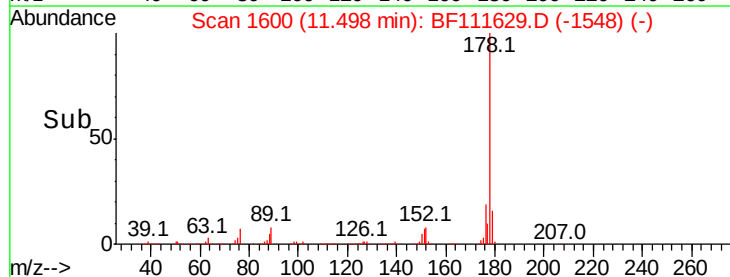
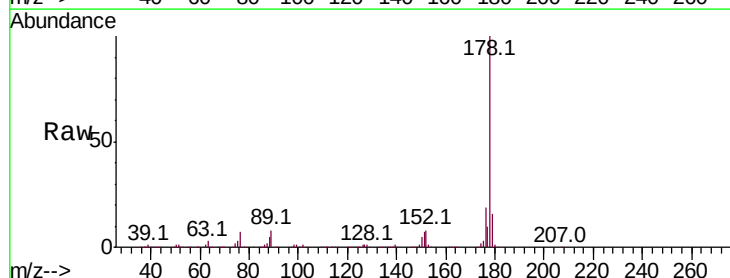
Tgt Ion:178 Resp: 1640713

Ion Ratio Lower Upper

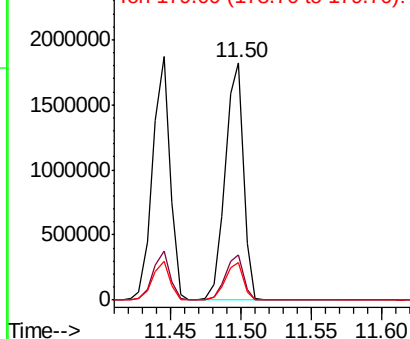
178 100

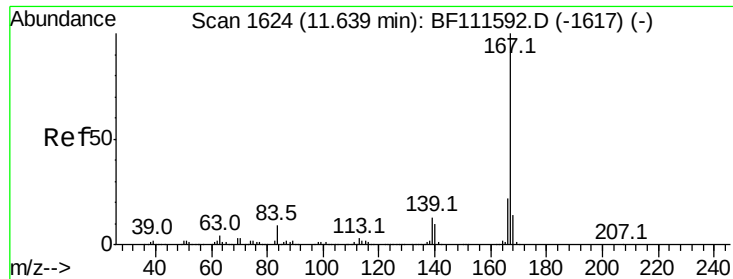
176 19.2 17.2 25.8

179 15.8 13.8 20.8



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





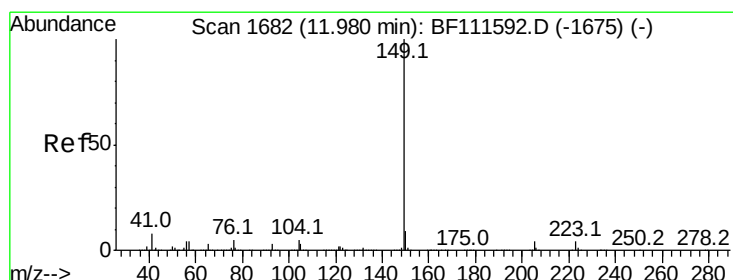
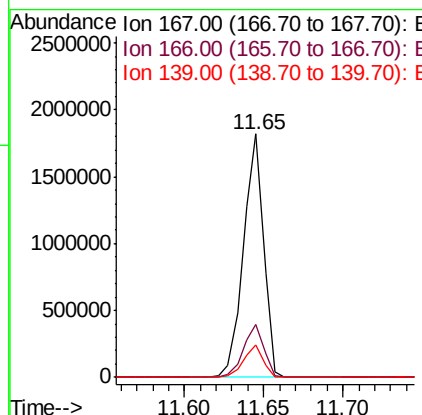
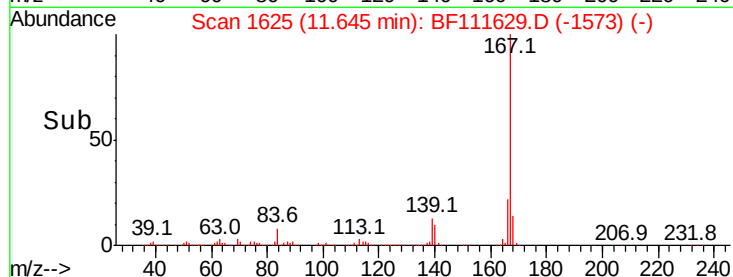
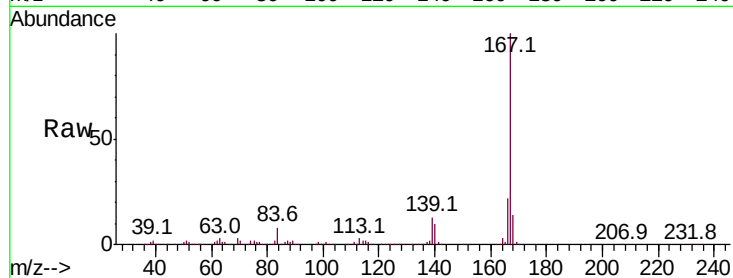
#73
 Carbazole
 Concen: 39.338 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	19.3	28.9
139	13.1	11.9	17.9

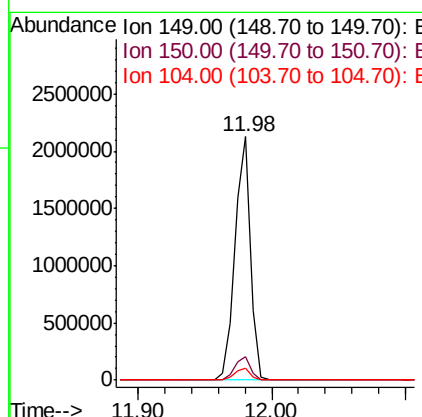
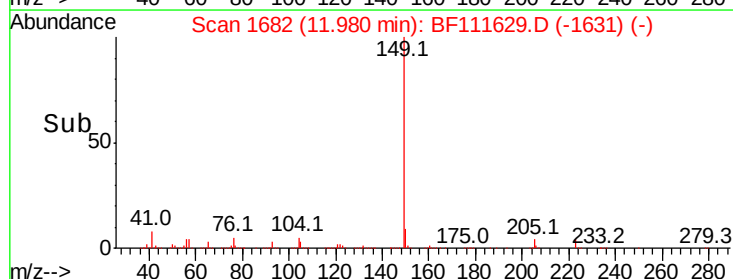
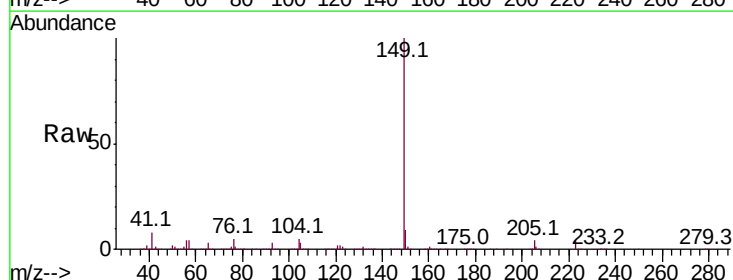
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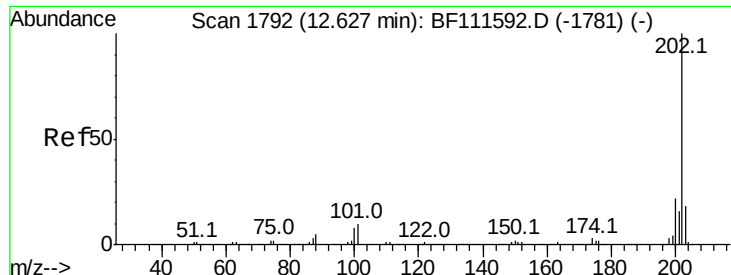
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.312 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	4.9	4.5	6.7





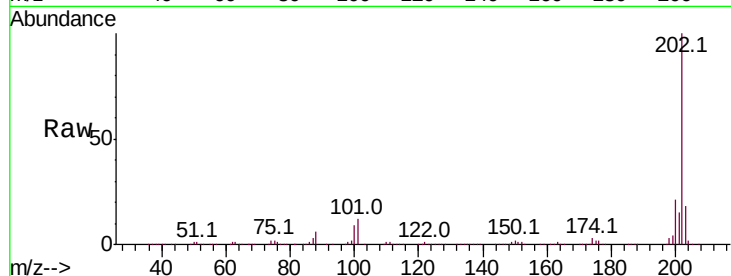
#75
 Fluoranthene
 Concen: 39.820 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1672808		
101	11.6	0.0	33.8	
203	18.2	0.0	38.6	

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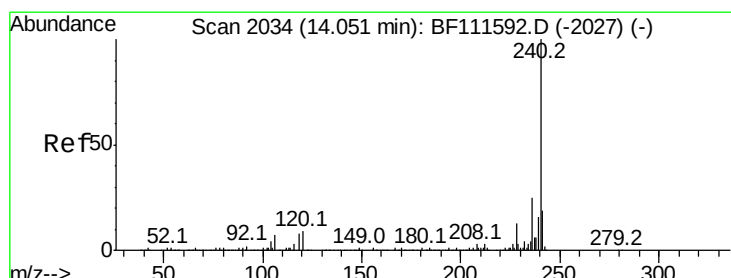
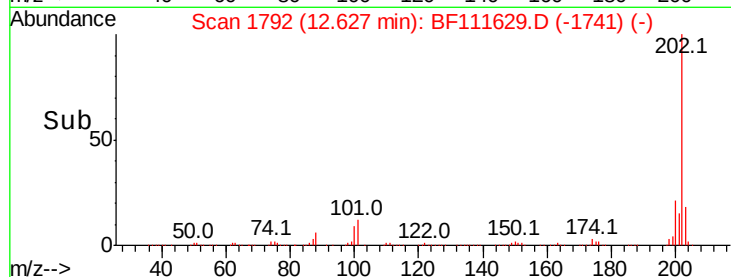
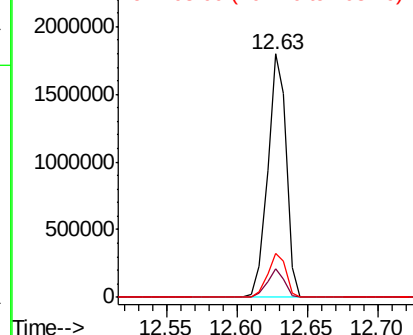


Abundance

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: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

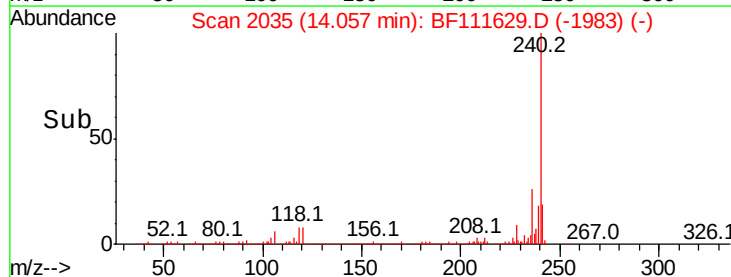
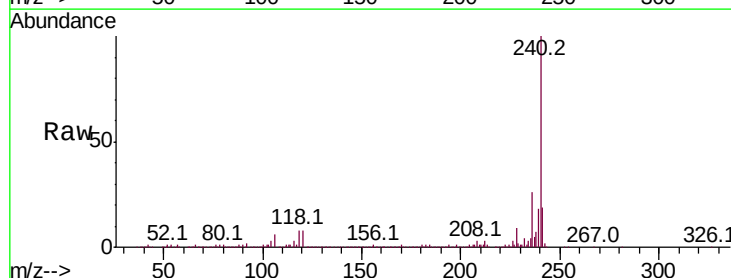
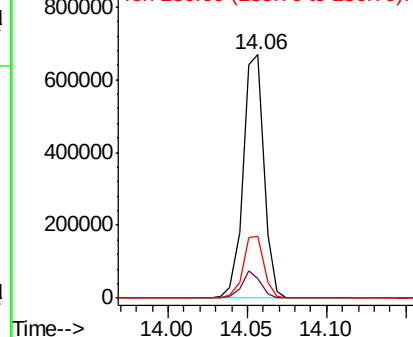
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	606000		
120	8.3	12.2	18.2#	
236	25.5	20.2	30.2	

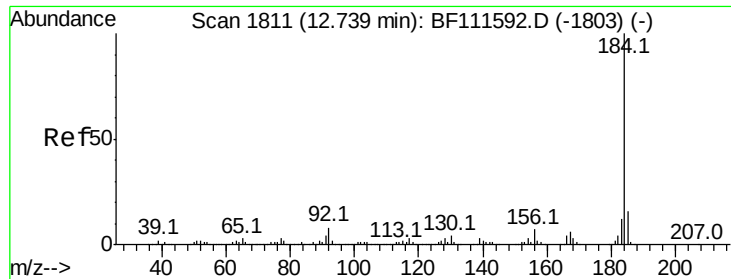
Abundance

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: 40.864 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

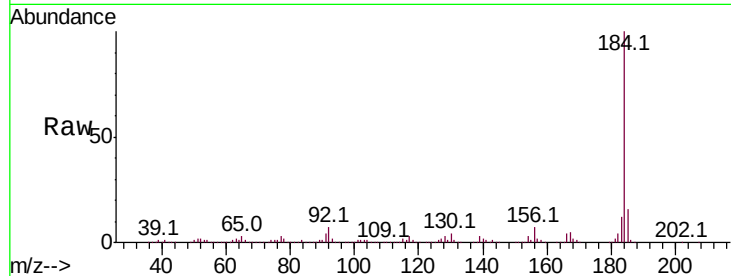
ClientSampleId :

SSTDCCC040

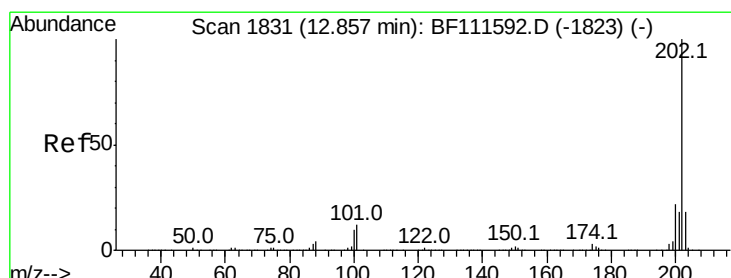
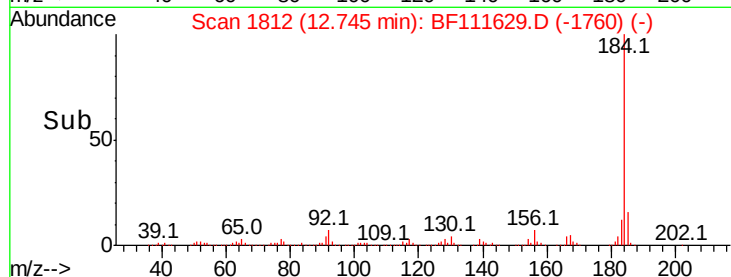
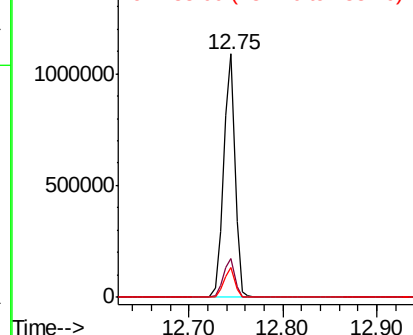
Tot Ion:	184	Resp:	931847
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.0	19.6
183	12.1	9.3	13.9

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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: 39.944 ng

RT: 12.86 min Scan# 1831

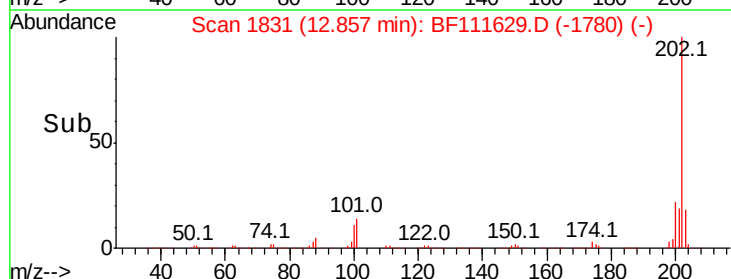
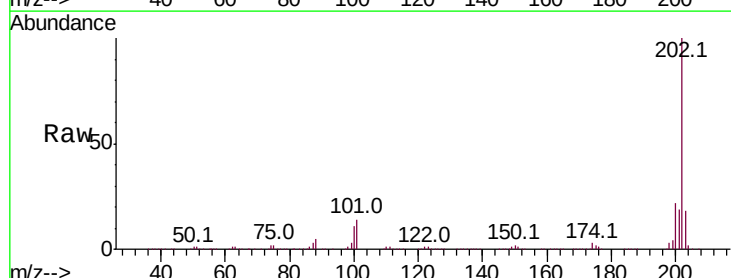
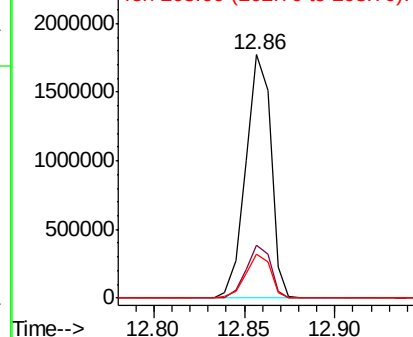
Delta R.T. 0.00 min

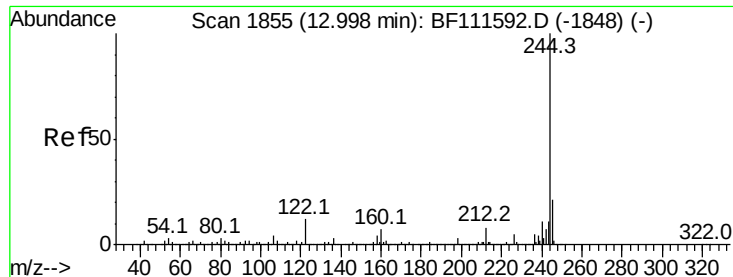
Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tgt Ion:	202	Resp:	1709380
Ion Ratio	Lower	Upper	
202	100		
200	21.7	19.0	28.4
203	18.1	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: 78.078 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2494992

Ion Ratio Lower Upper

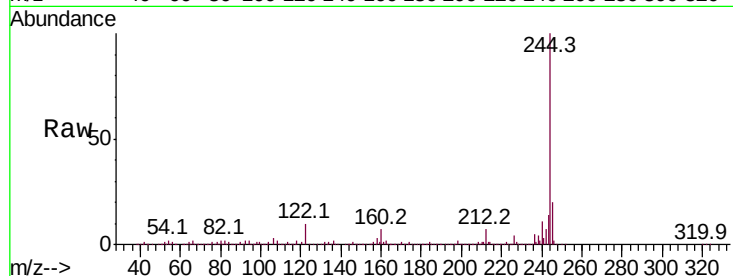
244 100

212 6.9 5.7 8.5

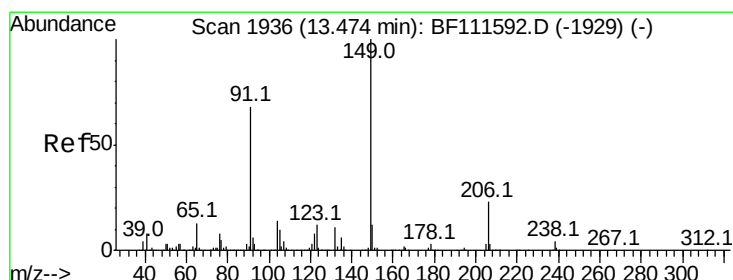
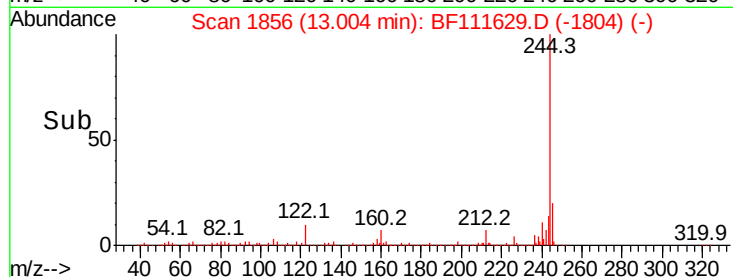
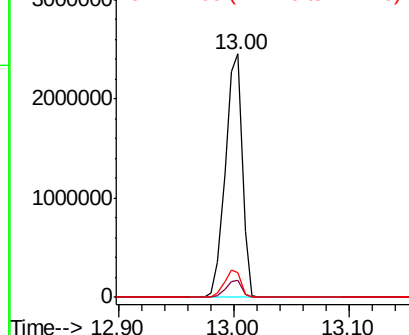
122 10.3 13.1 19.7#

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



#80

Butylbenzylphthalate

Concen: 40.579 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

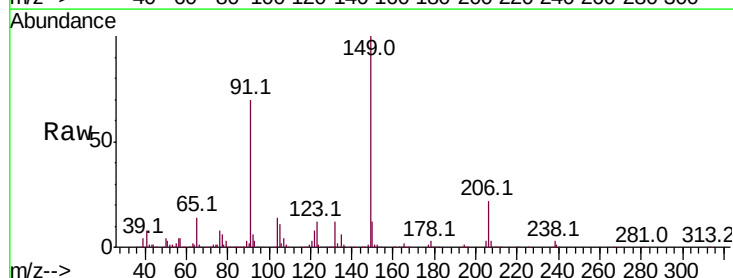
Tgt Ion:149 Resp: 707854

Ion Ratio Lower Upper

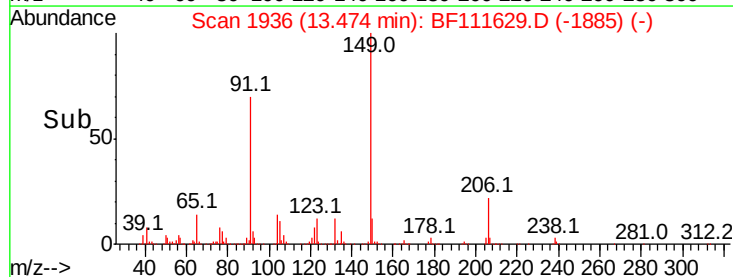
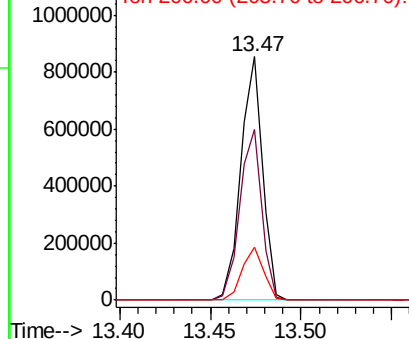
149 100

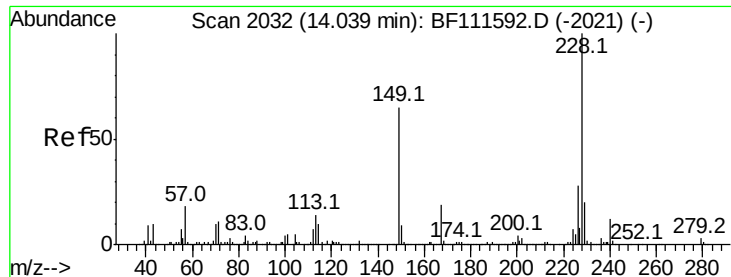
91 70.2 63.8 95.6

206 22.0 15.1 22.7



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





#81

Benzo(a)anthracene

Concen: 39.847 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1378086

Ion Ratio Lower Upper

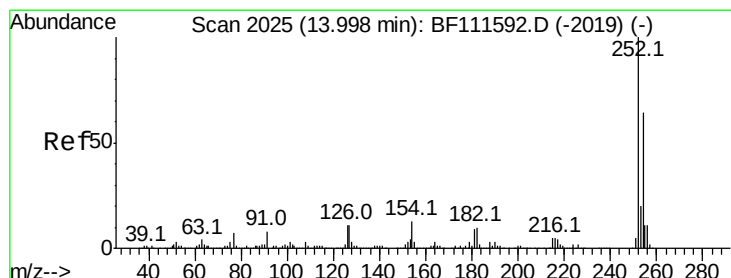
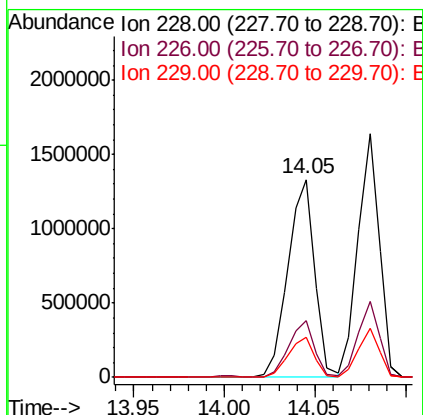
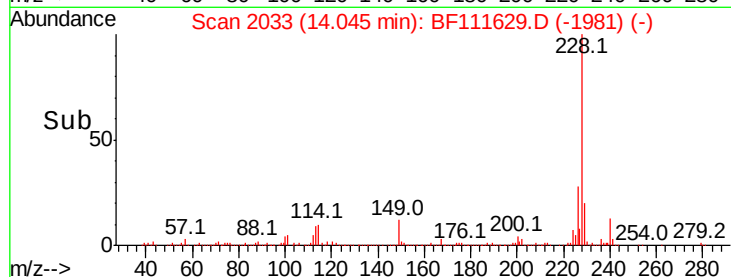
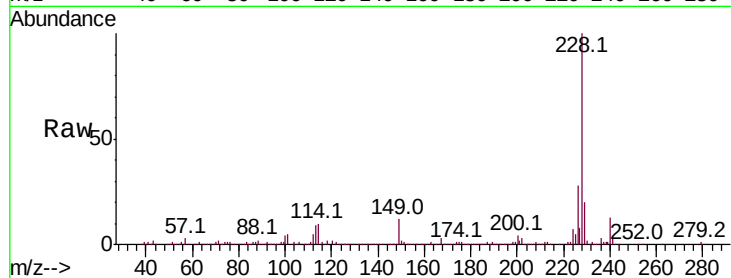
228 100

226 28.5 22.6 34.0

229 20.1 16.3 24.5

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#82

3,3'-Dichlorobenzidine

Concen: 41.661 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

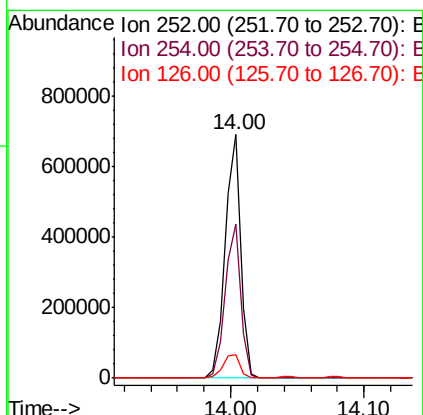
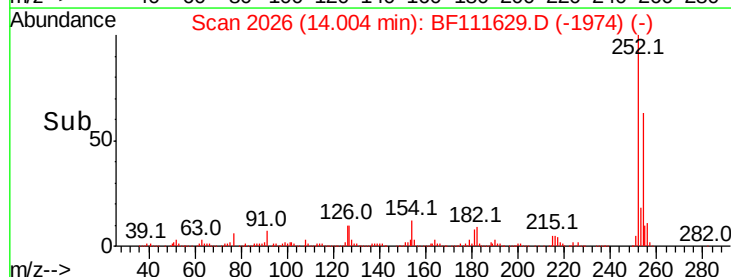
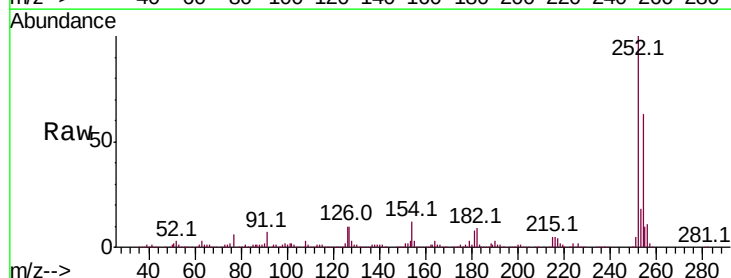
Tgt Ion:252 Resp: 569271

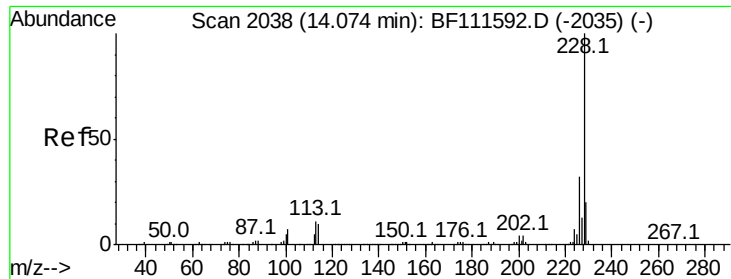
Ion Ratio Lower Upper

252 100

254 63.5 52.7 79.1

126 9.7 11.1 16.7#





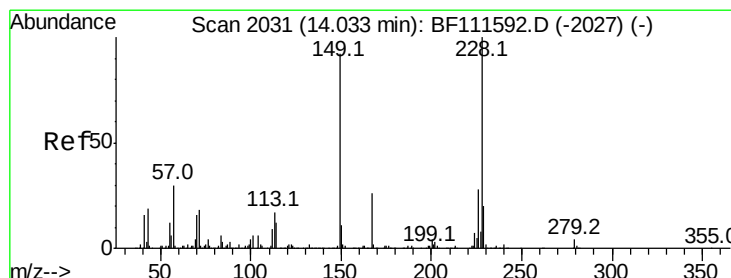
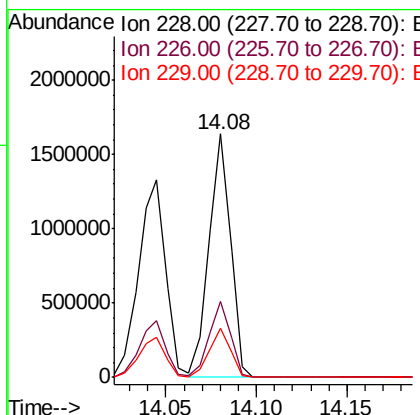
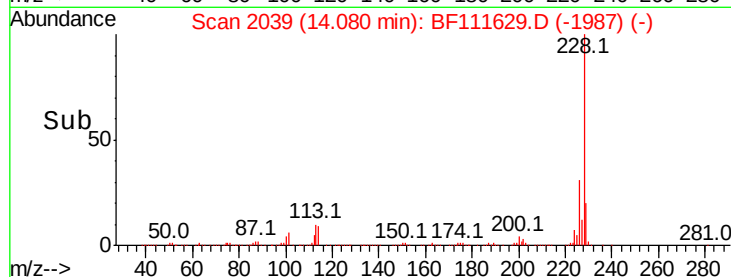
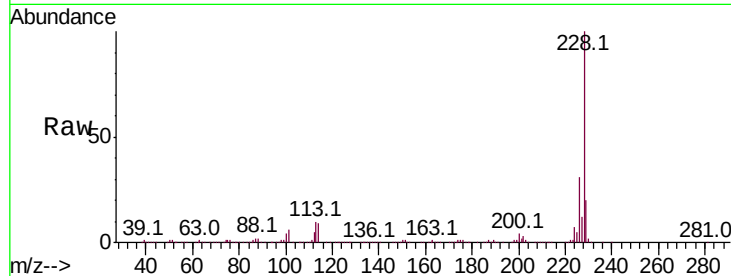
#83
 Chrysene
 Concen: 39.711 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	20.0	17.2	25.8

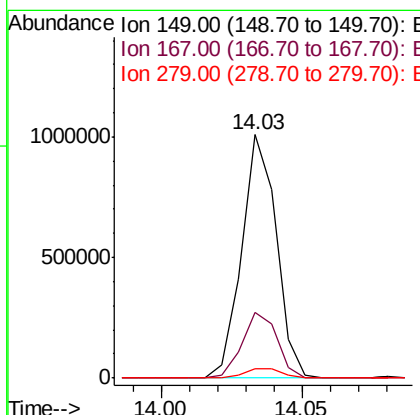
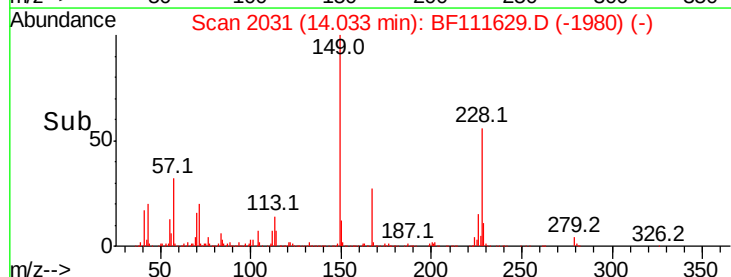
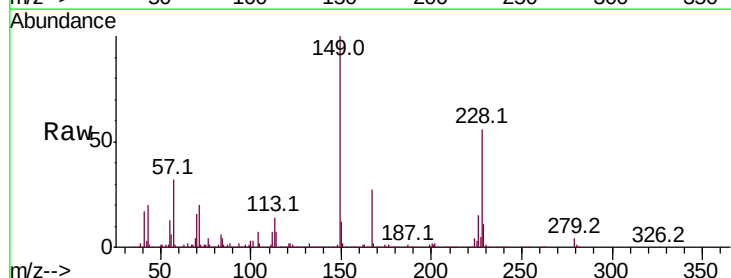
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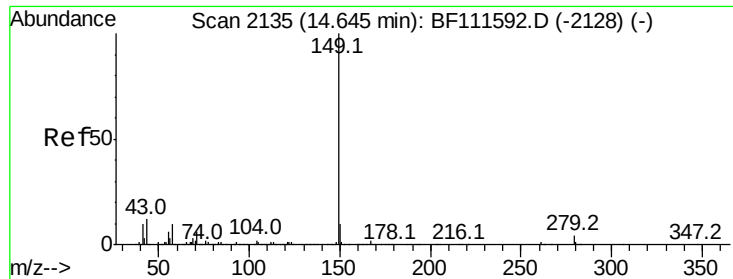
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.996 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF111629.D
 Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.5	33.7
279	4.1	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 36.642 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1247431

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

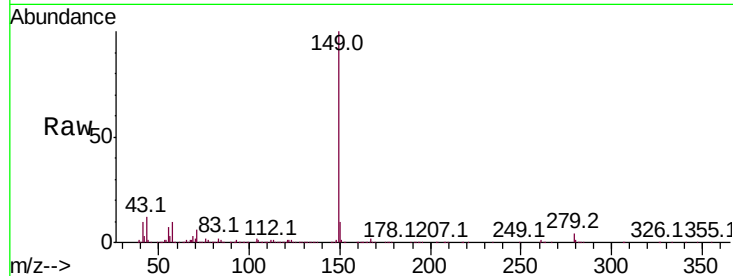
43 11.6 10.9 16.3

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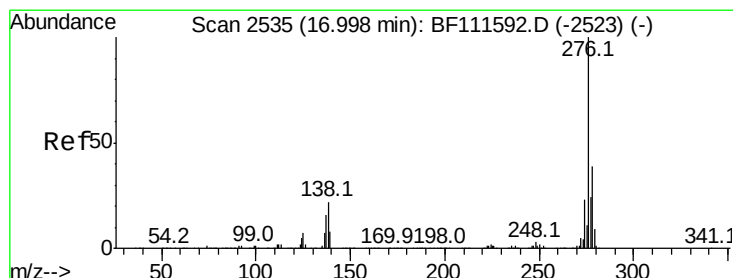
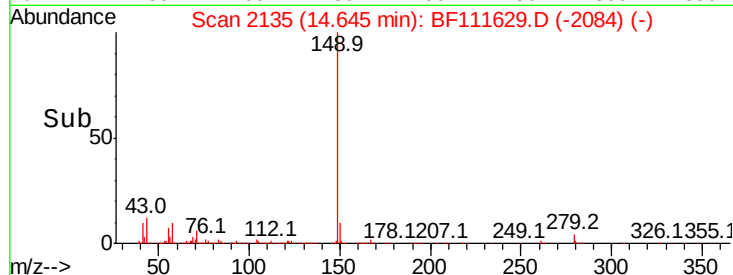
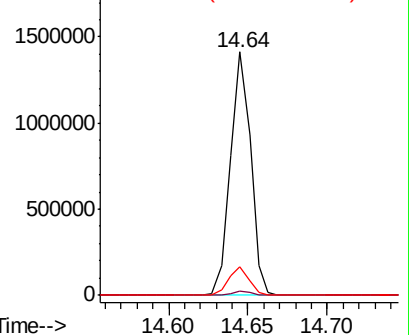
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.714 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

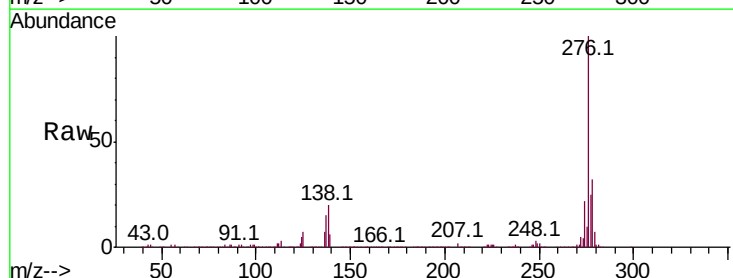
Tgt Ion:276 Resp: 1089769

Ion Ratio Lower Upper

276 100

138 22.8 27.8 41.6#

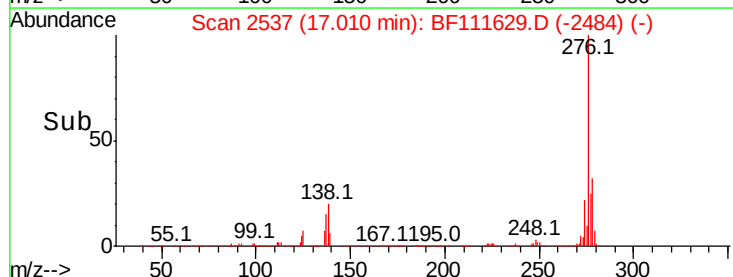
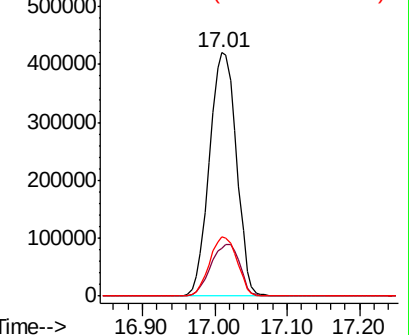
277 24.9 20.1 30.1

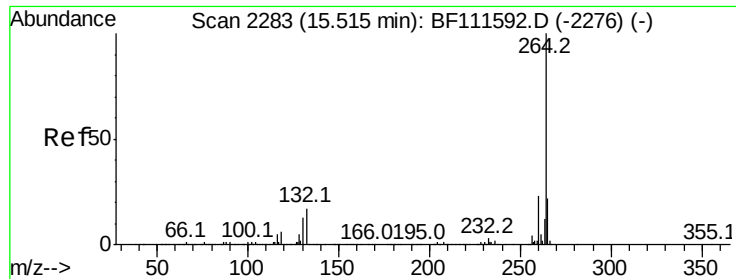


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Instrument :

BNA_F

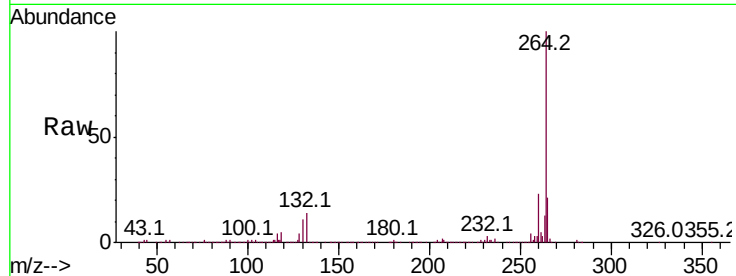
ClientSampleId :

SSTDCCC040

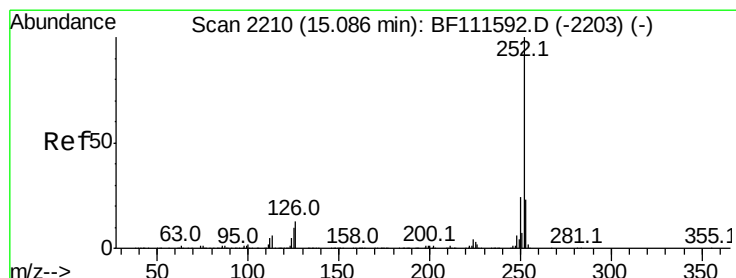
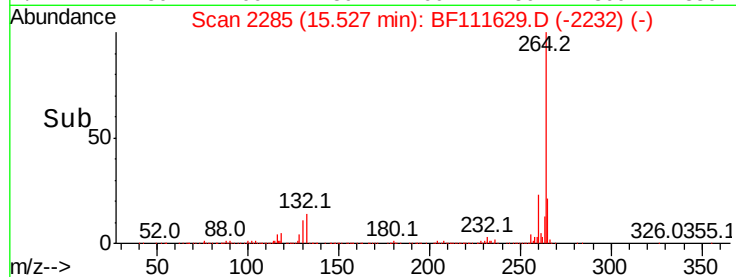
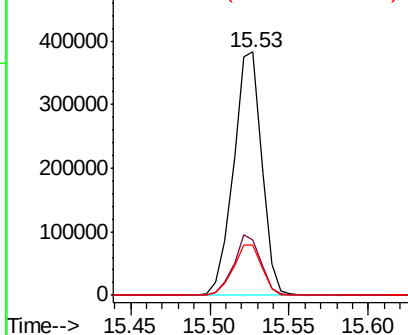
Tot Ion:	264	Resp:	472062
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.3	27.5
265	20.8	17.7	26.5

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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: 41.453 ng

RT: 15.09 min Scan# 2211

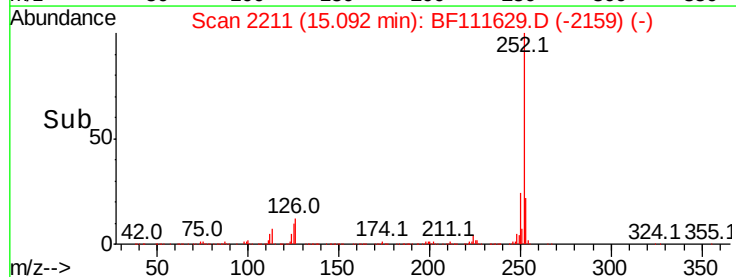
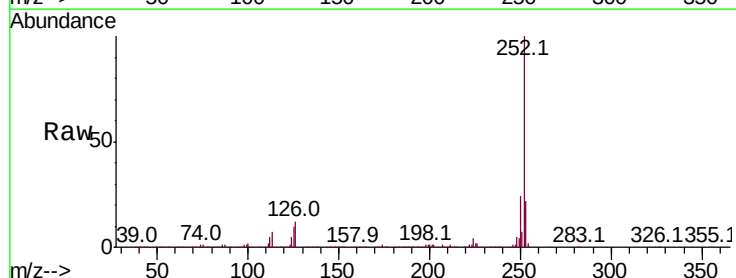
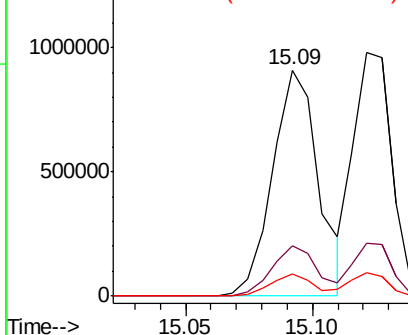
Delta R.T. 0.01 min

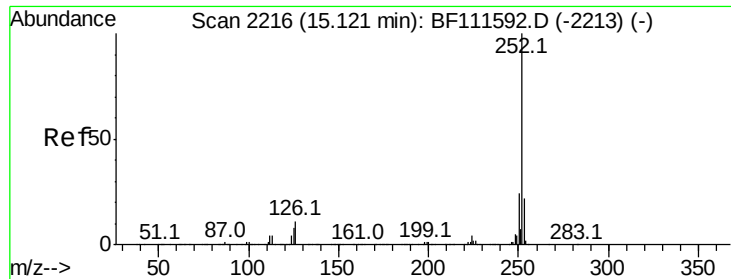
Lab File: BF111629.D

Acq: 20 Dec 2018 10:25

Tgt Ion:	252	Resp:	1143665
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	9.6	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





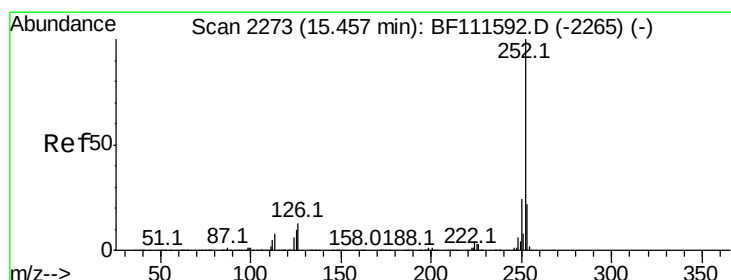
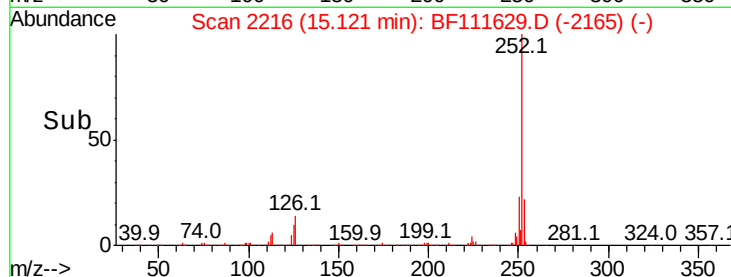
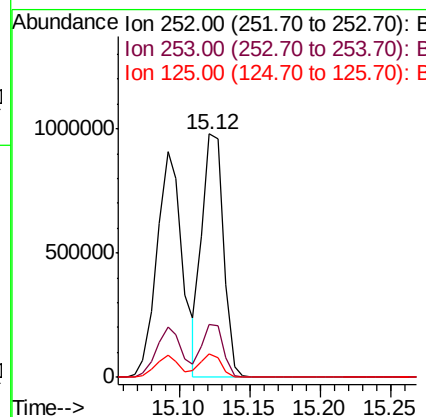
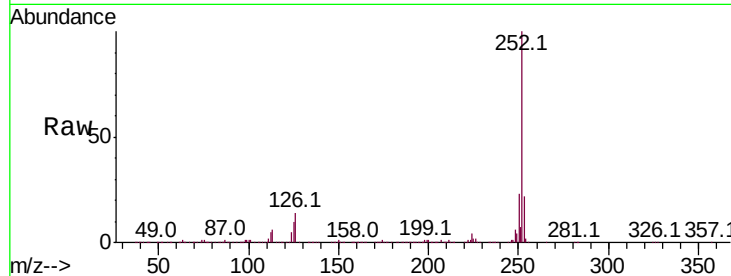
#89
Benzo(k)fluoranthene
Concen: 39.427 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.8	9.8	14.8

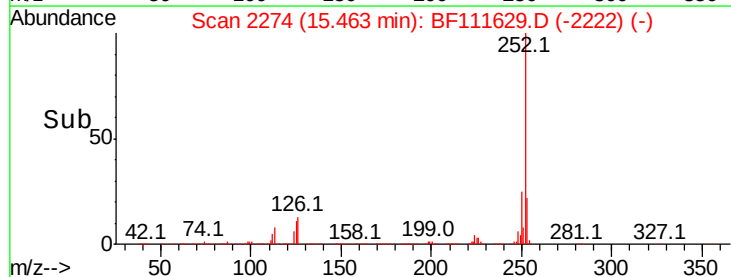
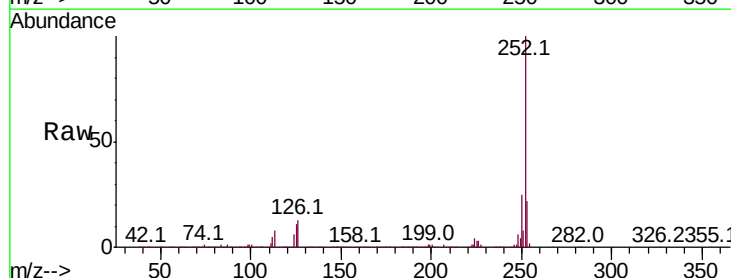
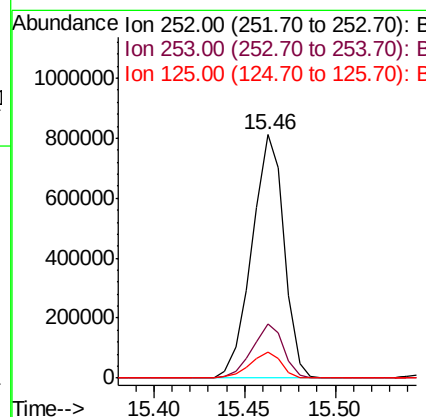
Manual Integrations
APPROVED

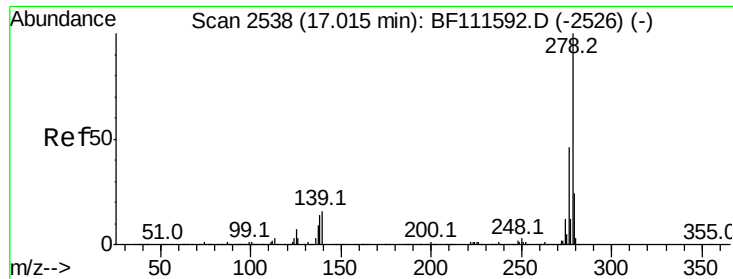
Sohil
12/21/2018 2:46:32 PM



#90
Benzo(a)pyrene
Concen: 40.031 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.6	12.3	18.5





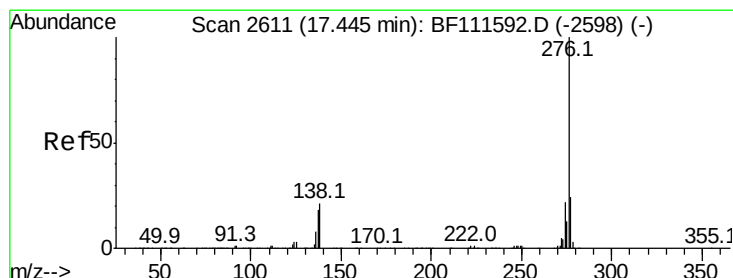
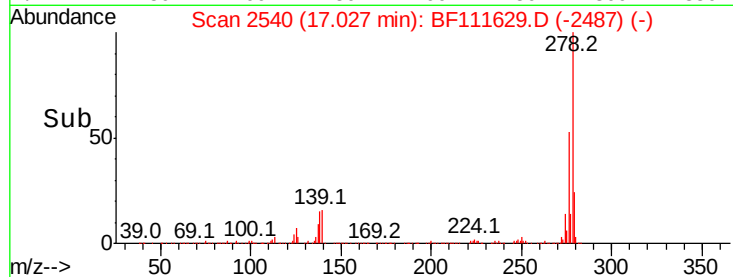
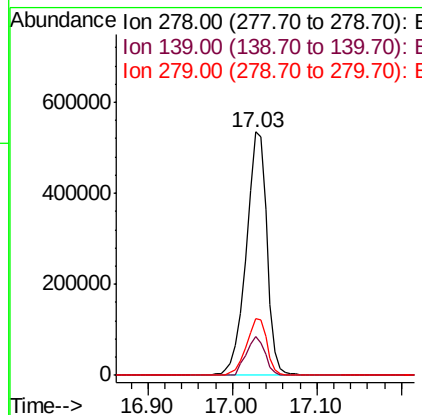
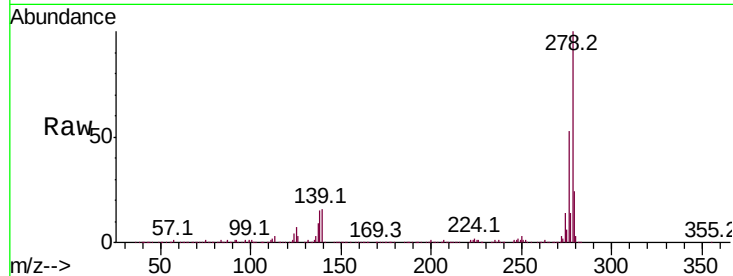
#91
Dibenzo(a,h)anthracene
Concen: 41.385 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	18.2	27.4#
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/21/2018 2:46:32 PM



#92
Benzo(g,h,i)perylene
Concen: 41.899 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.02 min
Lab File: BF111629.D
Acq: 20 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	19.5	24.9	37.3#

