

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011547.D
 Acq On : 21 Aug 2020 05:52
 Operator : CG/JU
 Sample : L3708-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFS5

Quant Time: Aug 21 07:39:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 07:37:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	193747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	662819	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	436976	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	959423	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	951146	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	911060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	20351	5.04	ng/uL	0.00
5) Phenol-d5	6.62	99	74491	5.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	194646	27.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	261001	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	151589	13.63	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	162019	31.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	179629	31.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	288966	26.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	21509	1.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1058300	31.10	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1178835	28.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	30597	5.31	ng/ul	0.00
58) Fluorene-d10	15.06	176	919431	30.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	203624	32.00	ng/ul	0.00
71) Anthracene-d10	16.91	188	1493085	32.58	ng/ul	0.00
79) Pyrene-d10	19.22	212	1719672	35.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1637755	32.37	ng/ul	0.00

Target Compounds

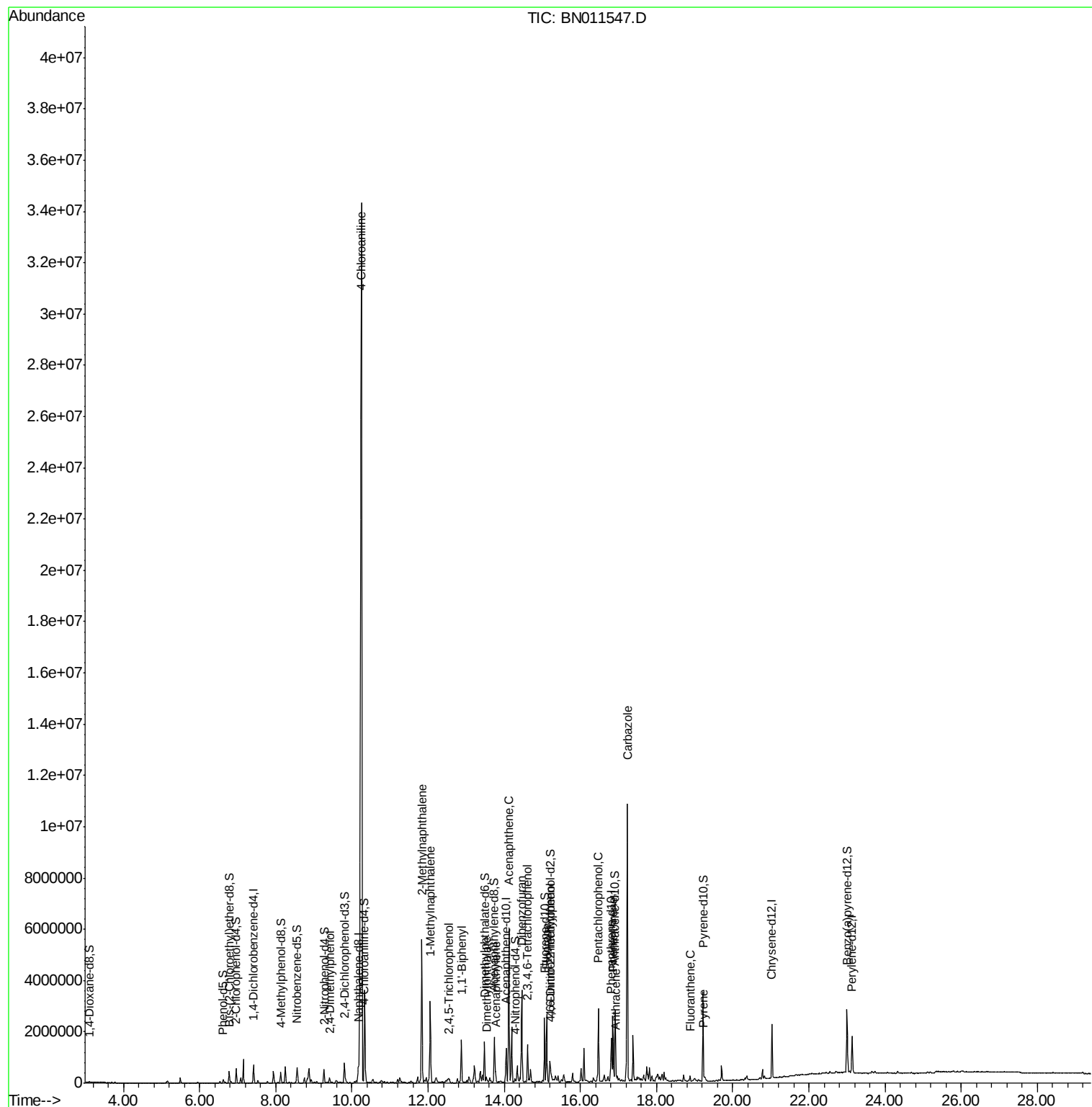
					Ovalue	
24) 2,4-Dimethylphenol	9.41	107	65221	5.355	ng/ul#	87
30) 4-Chloroaniline	10.25	127	5772342	441.943	ng/ul#	17
34) 2-Methylnaphthalene	11.83	142	2568300	101.293	ng/ul	97
35) 1-Methylnaphthalene	12.06	142	1393934	56.083	ng/uL	100
40) 2,4,5-Trichlorophenol	12.54	196	23832	2.452	ng/ul	92
41) 1,1'-Biphenyl	12.87	154	833099	23.755	ng/ul	99
45) Dimethylphthalate	13.53	163	134481	3.851	ng/ul	98
48) Acenaphthylene	13.77	152	198579	4.682	ng/ul	97
50) Acenaphthene	14.12	153	2341188	78.858	ng/ul	97
54) Dibenzofuran	14.46	168	2284273	53.053	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.61	232	276898	34.120	ng/ul	96
59) Fluorene	15.12	166	1121109	32.306	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.22	198	90872	13.178	ng/ul#	60
69) Pentachlorophenol	16.47	266	292547	42.014	ng/ul#	77
70) Phenanthrene	16.86	178	1497250	26.311	ng/ul	97
72) Anthracene	16.95	178	132441	2.298	ng/ul	97
75) Carbazole	17.23	167	6968066	143.756	ng/ul	97
77) Fluoranthene	18.88	202	123815	1.778	ng/ul	98
80) Pyrene	19.25	202	66992	1.001	ng/ul	97

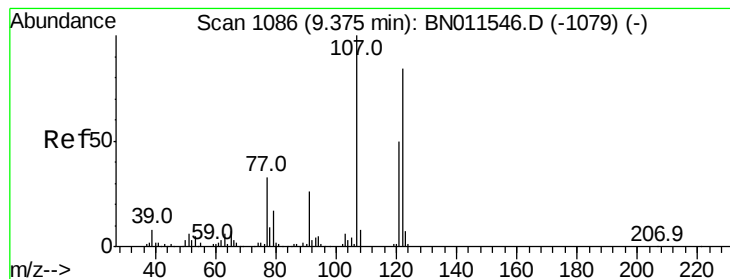
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 5.355 ng/ul

RT: 9.41 min Scan# 1092

Delta R.T. 0.04 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Instrument :

BNA_N

ClientSampled :

DBFS5

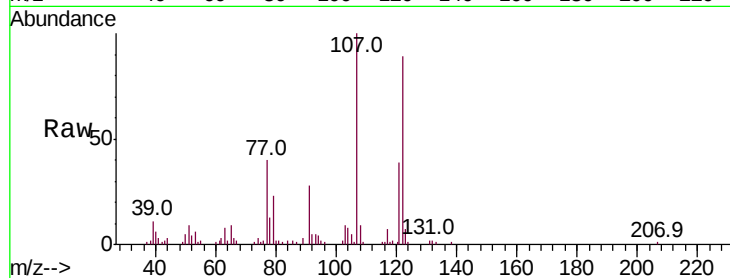
Tot Ion:107 Resp: 65221

Ion Ratio Lower Upper

107 100

121 39.1 40.4 60.6#

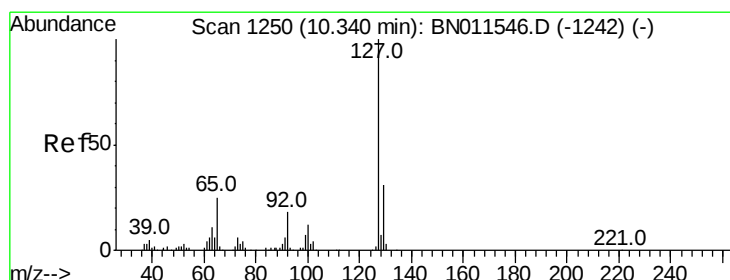
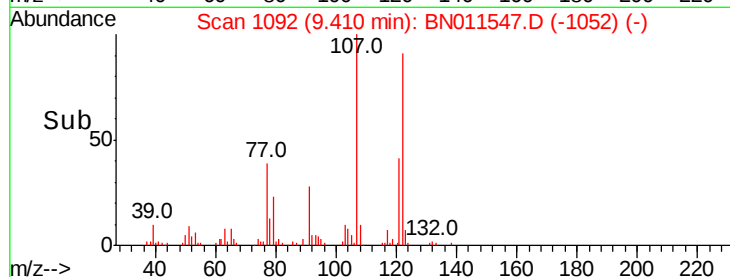
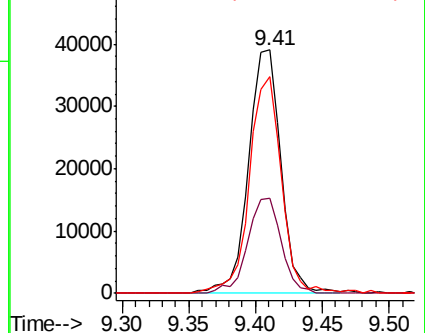
122 88.8 63.0 94.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#30

4-Chloroaniline

Concen: 441.943 ng/ul

RT: 10.25 min Scan# 1234

Delta R.T. -0.09 min

Lab File: BN011547.D

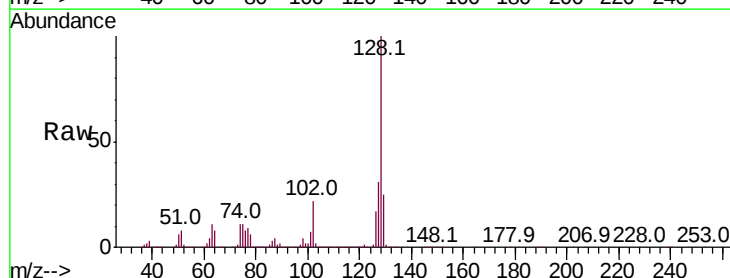
Acq: 21 Aug 2020 05:52

Tgt Ion:127 Resp: 5772342

Ion Ratio Lower Upper

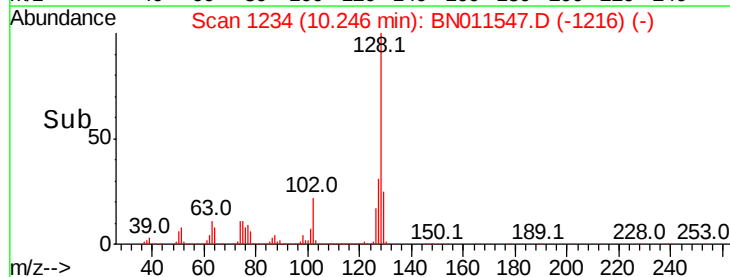
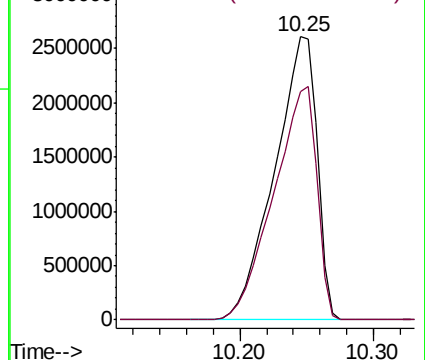
127 100

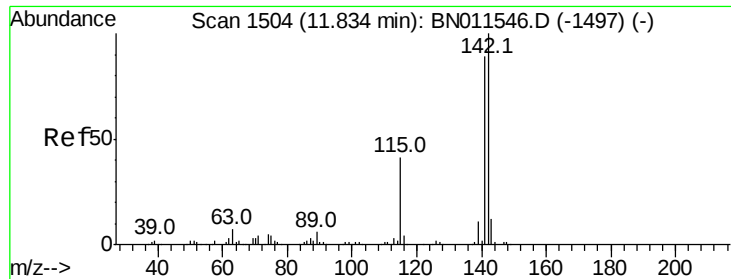
129 80.6 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

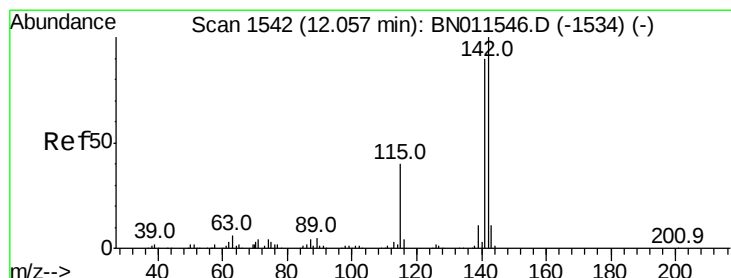
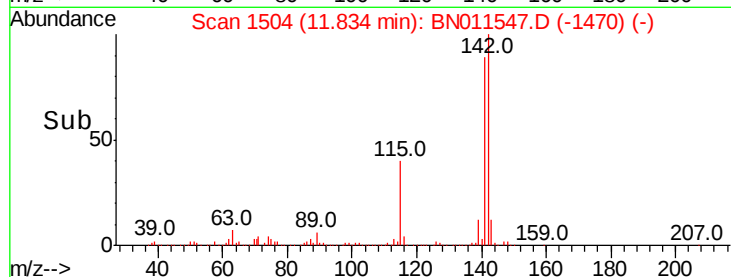
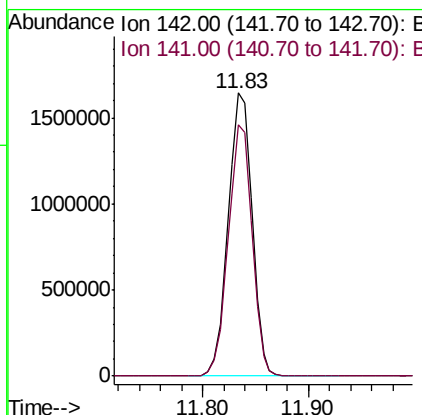
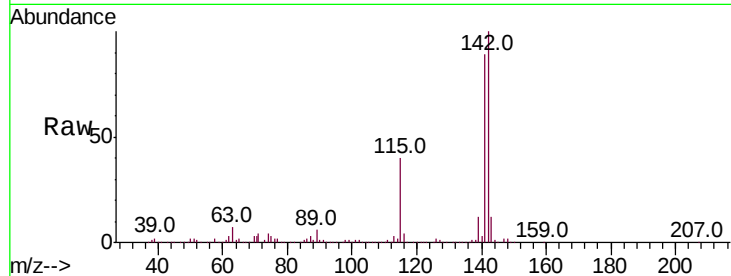




#34
 2-Methylnaphthalene
 Concen: 101.293 ng/ul
 RT: 11.83 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

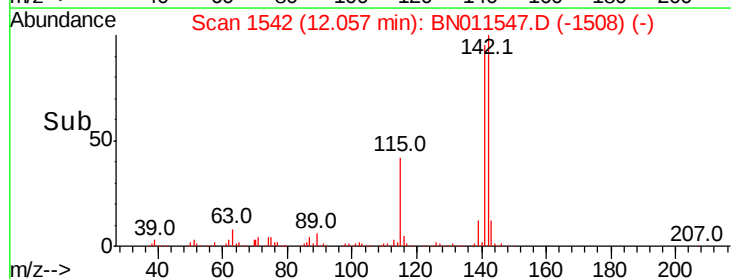
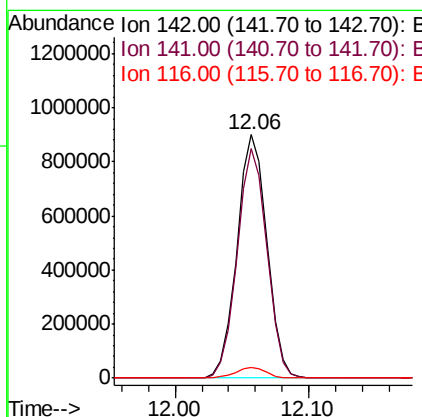
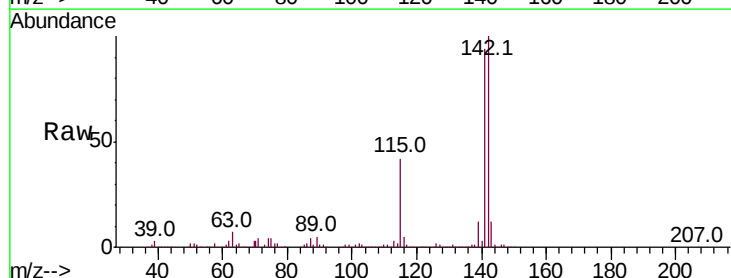
Instrument :
 BNA_N
 ClientSampleId :
 DBFS5

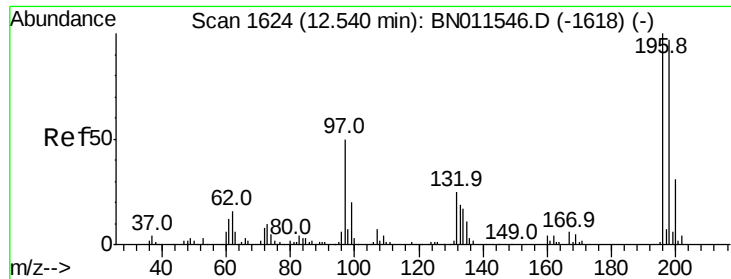
Tot Ion:142 Resp: 2568300
 Ion Ratio Lower Upper
 142 100
 141 88.9 73.2 109.8



#35
 1-Methylnaphthalene
 Concen: 56.083 ng/uL
 RT: 12.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

Tgt Ion:142 Resp: 1393934
 Ion Ratio Lower Upper
 142 100
 141 93.4 75.0 112.4
 116 4.4 3.4 5.0

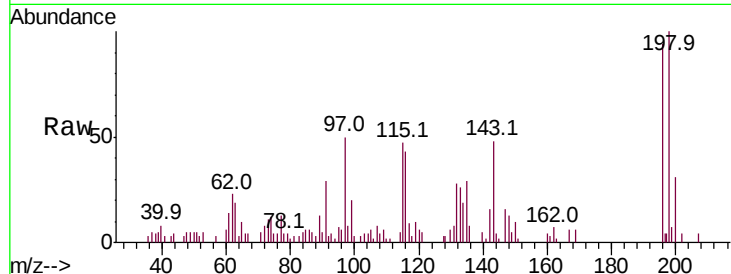




#40
 2,4,5-Trichlorophenol
 Concen: 2.452 ng/ul
 RT: 12.54 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

Instrument :
 BNA_N
 ClientSampleId :
 DBFS5

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.3	111.5
200	31.8	23.8	35.6

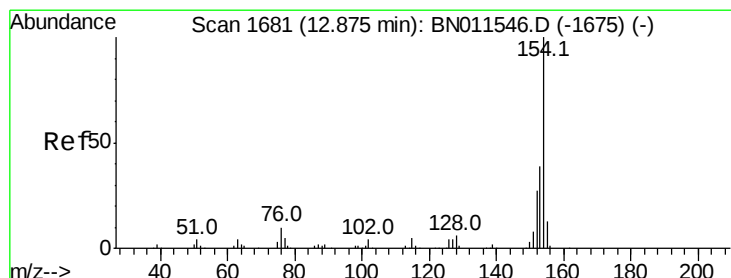
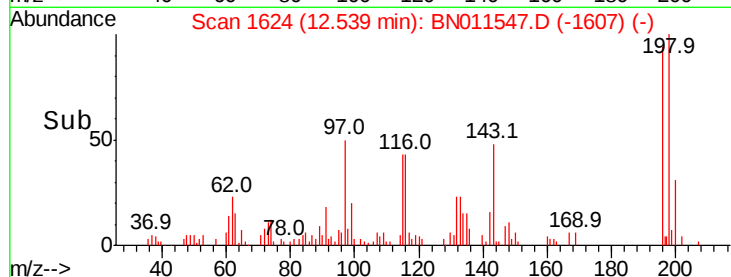
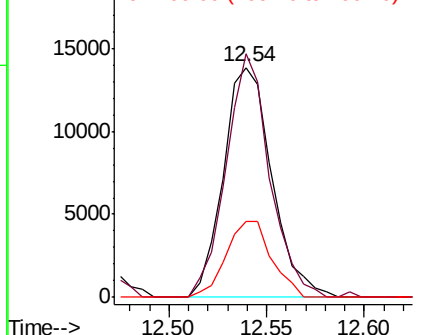


Abundance

Ion 196.00 (195.70 to 196.70): E

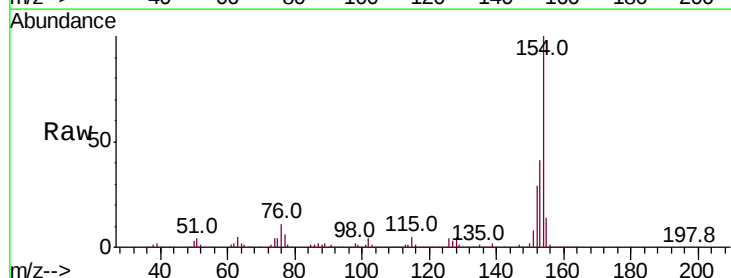
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#41
 1,1'-Biphenyl
 Concen: 23.755 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.3	48.5
76	11.1	8.5	12.7

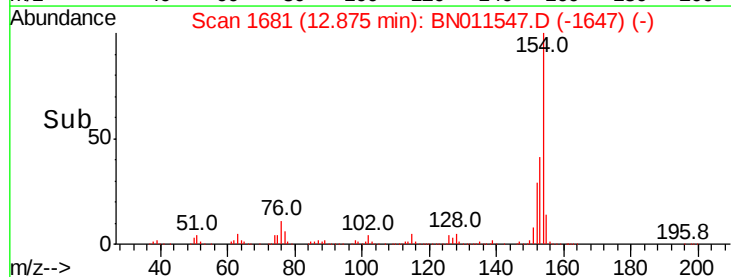
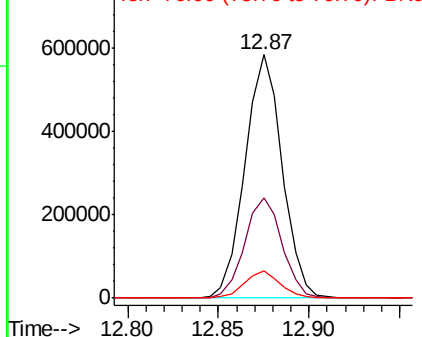


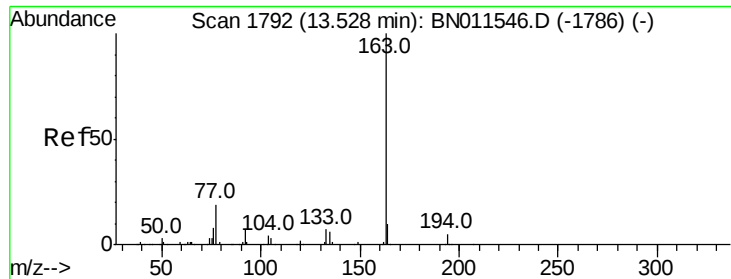
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO

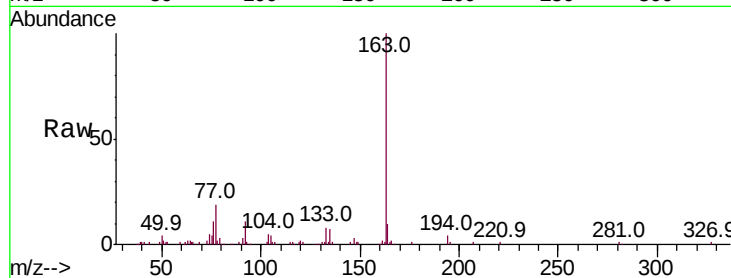




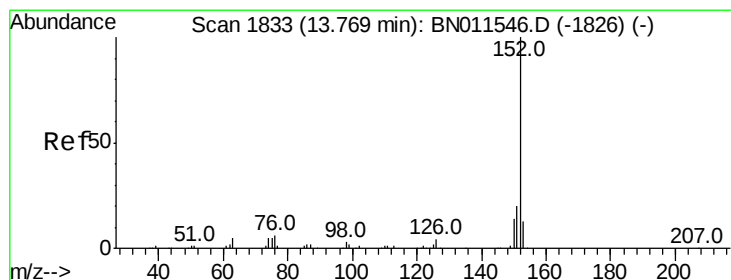
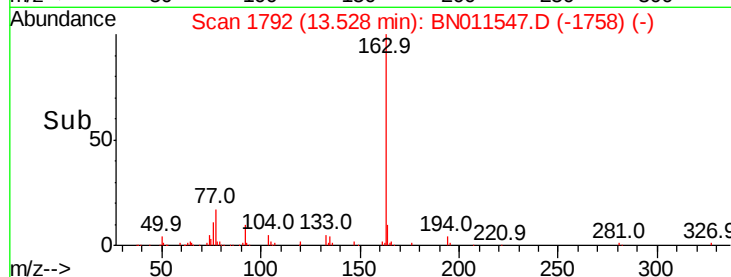
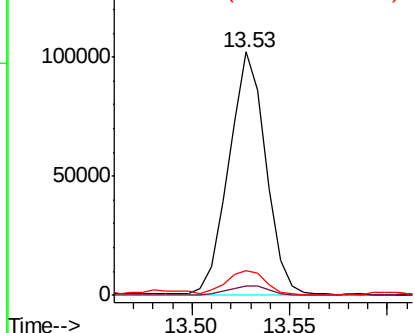
#45
Dimethylphthalate
Concen: 3.851 ng/ul
RT: 13.53 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BN011547.D
Acq: 21 Aug 2020 05:52

Instrument :
BNA_N
ClientSampleId :
DBFS5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.8	5.6
164	10.4	8.7	13.1

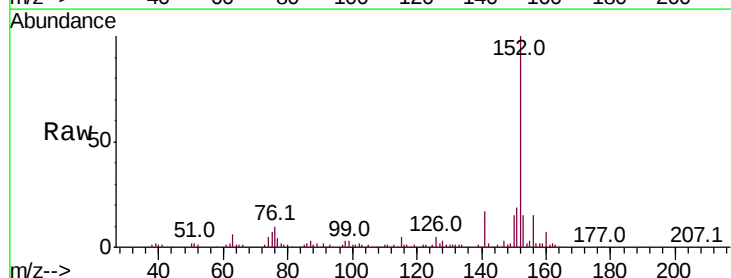


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

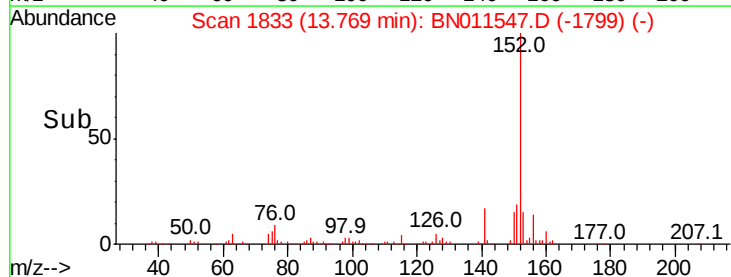
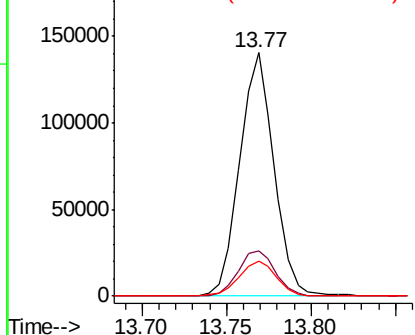


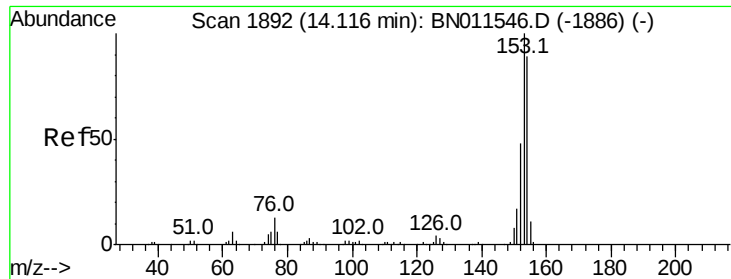
#48
Acenaphthylene
Concen: 4.682 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN011547.D
Acq: 21 Aug 2020 05:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.2
153	14.6	9.9	14.9



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

Acenaphthene

Concen: 78.858 ng/ul

RT: 14.12 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Instrument :

BNA_N

ClientSampleId :

DBFS5

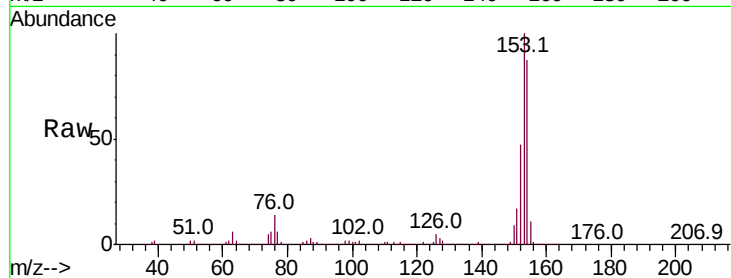
Tot Ion:153 Resp: 2341188

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

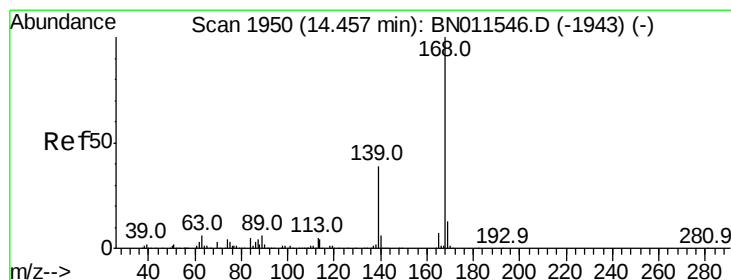
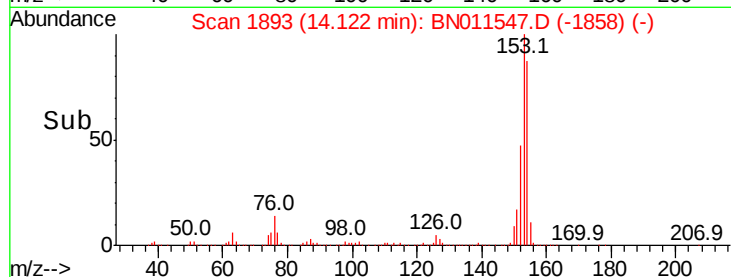
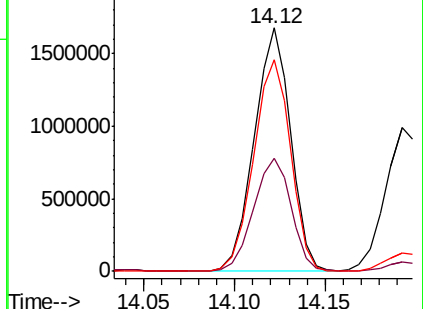
154 86.7 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 53.053 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BN011547.D

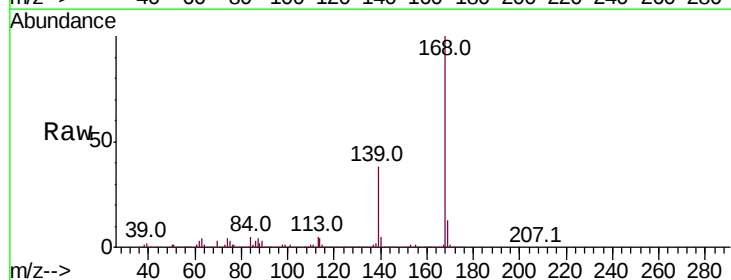
Acq: 21 Aug 2020 05:52

Tgt Ion:168 Resp: 2284273

Ion Ratio Lower Upper

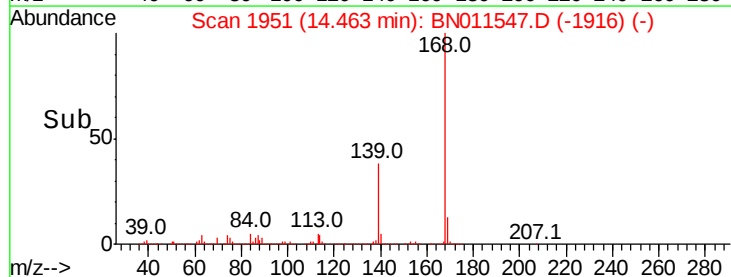
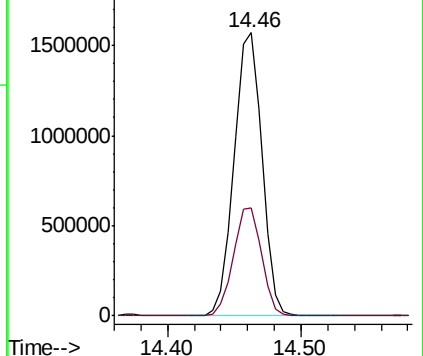
168 100

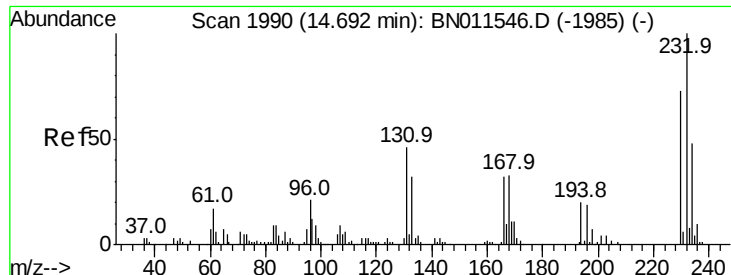
139 38.1 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

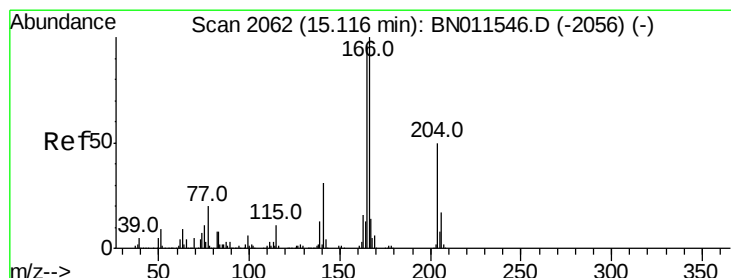
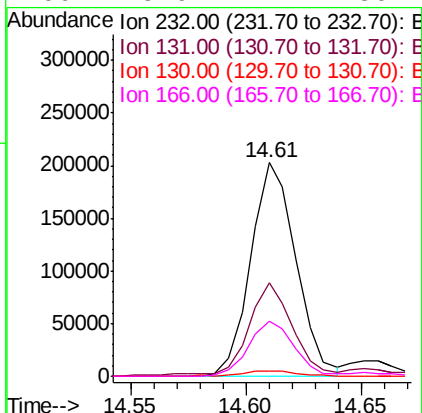
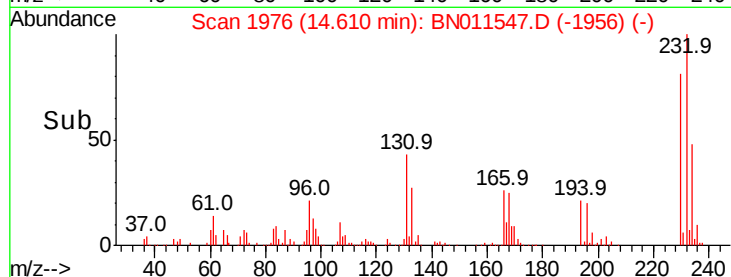
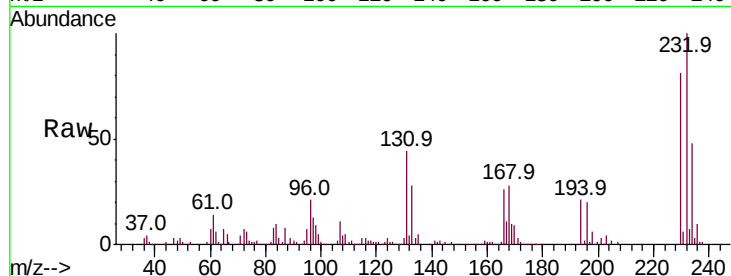




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 34.120 ng/ul
 RT: 14.61 min Scan# 1976
 Delta R.T. -0.08 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

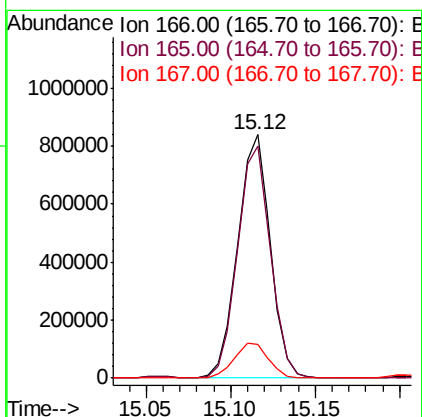
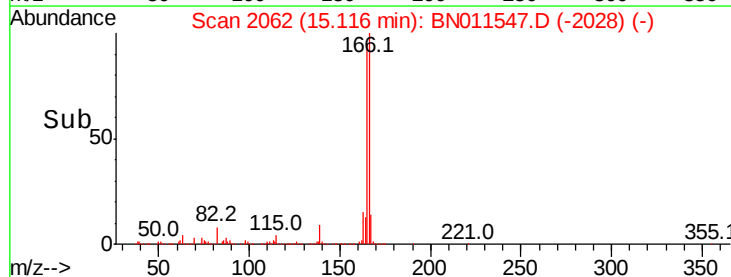
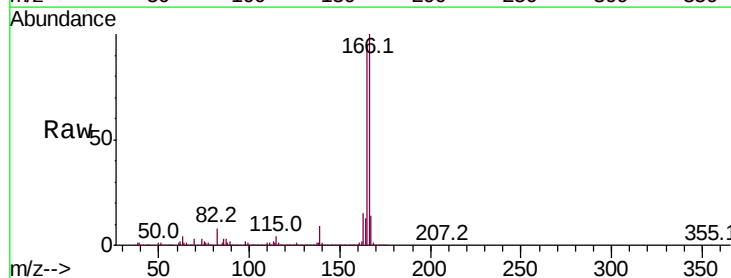
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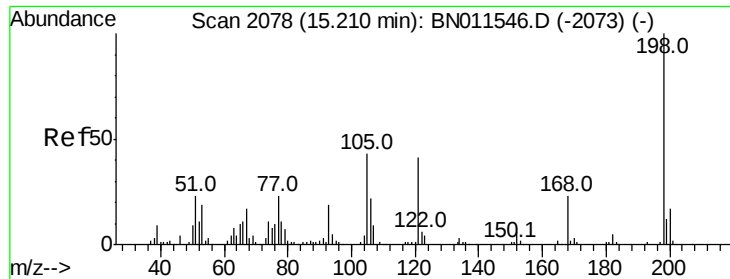
Tot Ion:	232	Resp:	276898
Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.8	53.6
130	2.6	2.2	3.2
166	25.6	24.1	36.1



#59
 Fluorene
 Concen: 32.306 ng/ul
 RT: 15.12 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

Tgt Ion:	166	Resp:	1121109
Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.0	117.0
167	13.9	11.9	17.9





#64

4,6-Dinitro-2-methylphenol

Concen: 13.178 ng/ul

RT: 15.22 min Scan# 2079

Delta R.T. 0.01 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Instrument :

BNA_N

ClientSampleId :

DBFS5

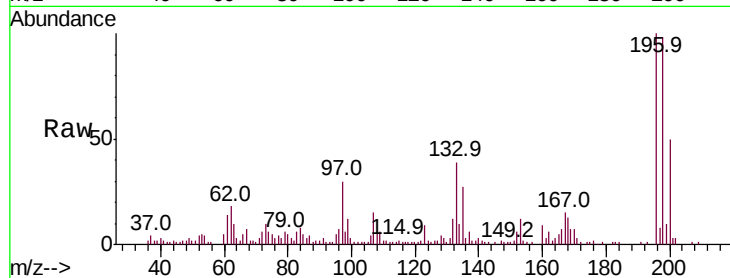
Tot Ion:198 Resp: 90872

Ion Ratio Lower Upper

198 100

182 1.2 4.5 6.7#

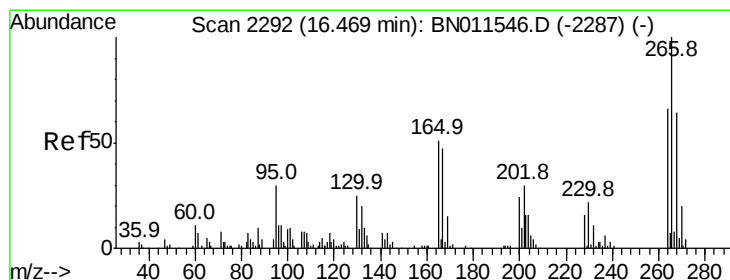
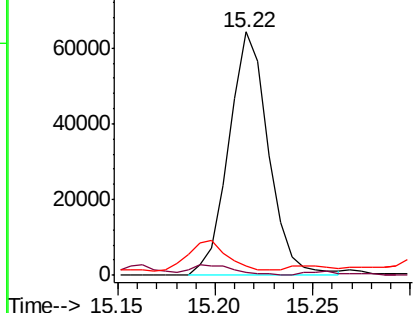
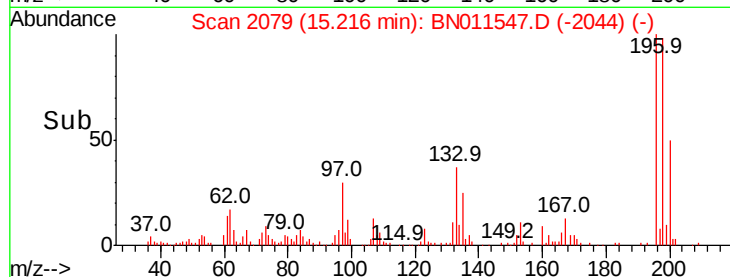
77 3.9 22.2 33.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO



#69

Pentachlorophenol

Concen: 42.014 ng/ul

RT: 16.47 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

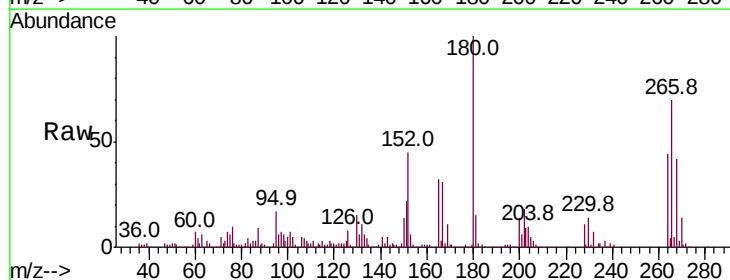
Tgt Ion:266 Resp: 292547

Ion Ratio Lower Upper

266 100

264 62.1 67.9 101.9#

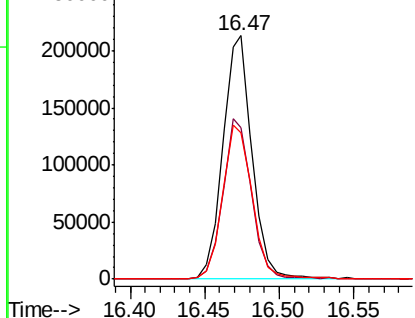
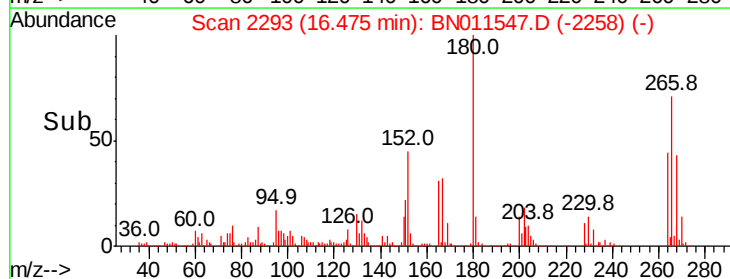
268 60.2 63.4 95.2#

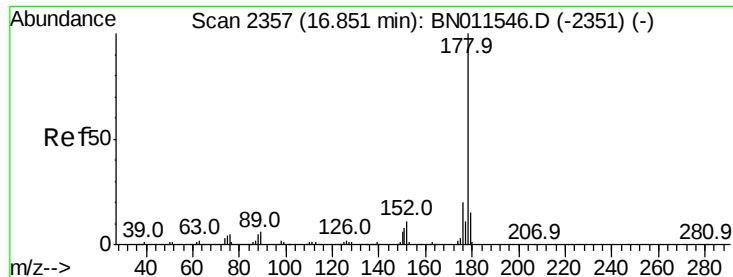


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 26.311 ng/ul

RT: 16.86 min Scan# 2358

Delta R.T. 0.01 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Instrument :

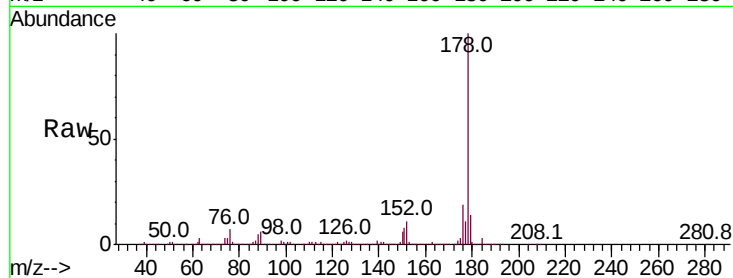
BNA_N

ClientSampleId :

DBFS5

Tot Ion:178 Resp: 1497250

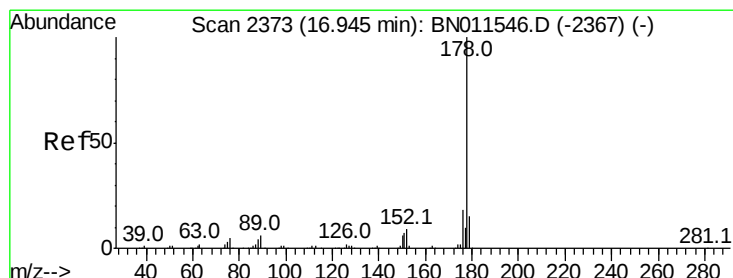
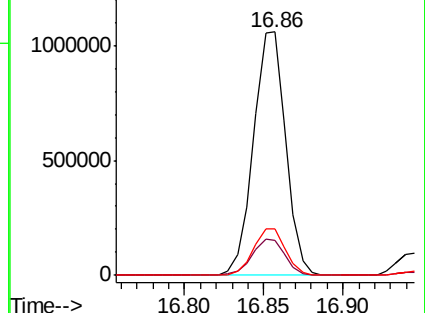
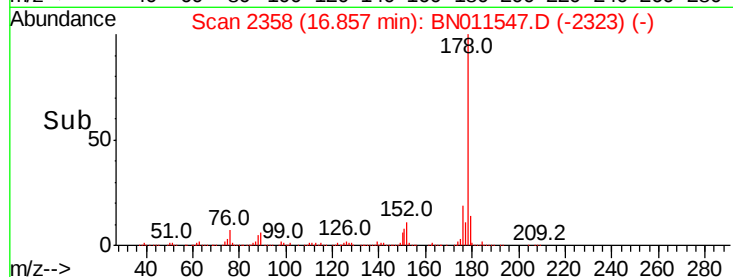
Ion	Ratio	Lower	Upper
178	100		
179	14.2	13.1	19.7
176	19.3	15.7	23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 2.298 ng/ul

RT: 16.95 min Scan# 2373

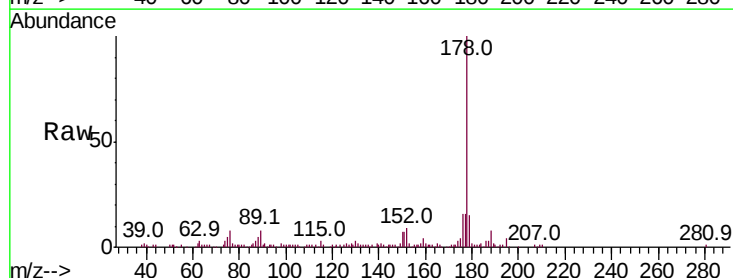
Delta R.T. -0.00 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Tgt Ion:178 Resp: 132441

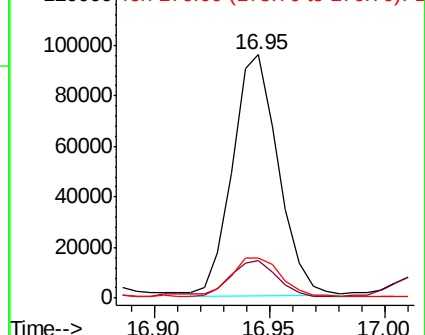
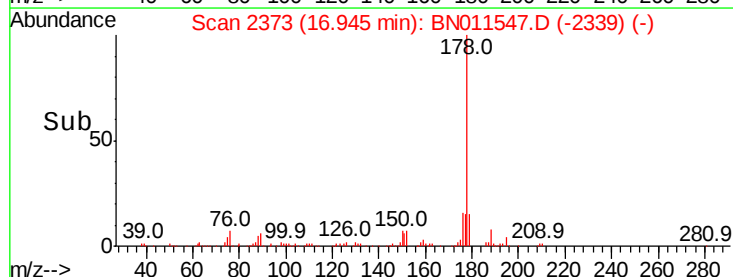
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	16.4	14.6	21.8

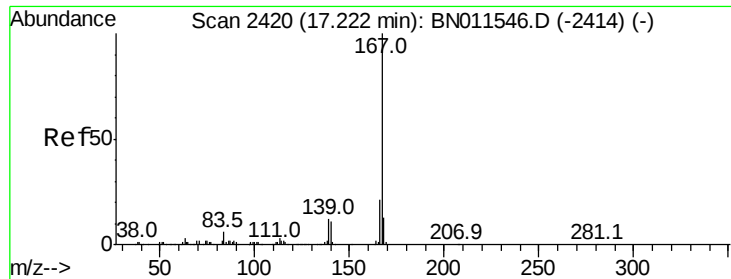


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 143.756 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Instrument :

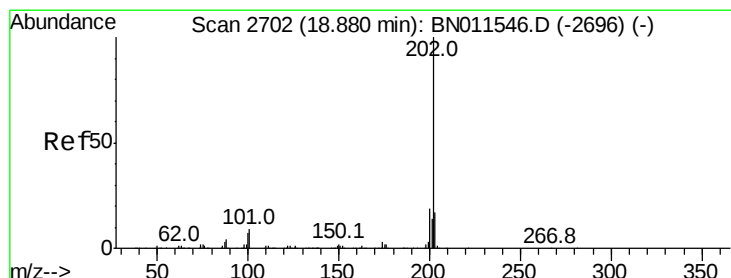
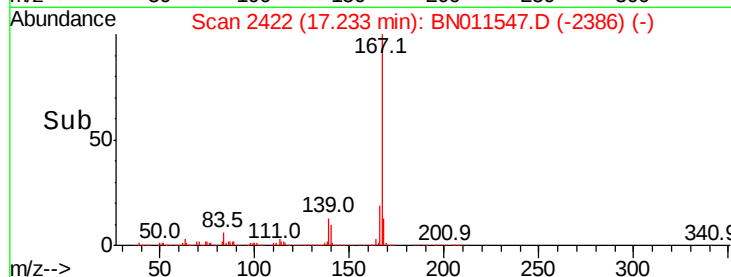
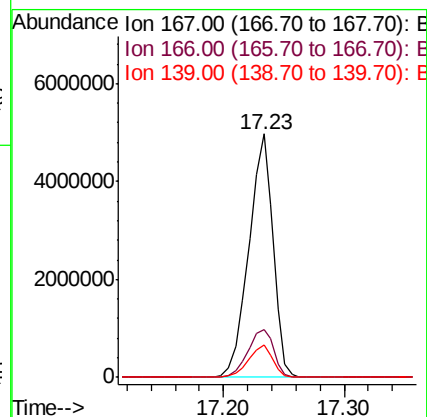
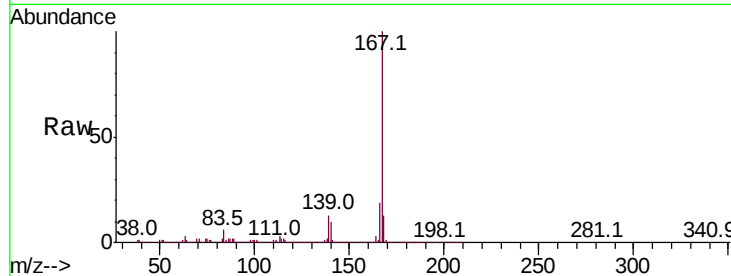
BNA_N

ClientSampleId :

DBFS5

Tot Ion:167 Resp: 6968066

Ion	Ratio	Lower	Upper
167	100		
166	19.5	17.2	25.8
139	13.3	10.2	15.2



#77

Fluoranthene

Concen: 1.778 ng/ul

RT: 18.88 min Scan# 2702

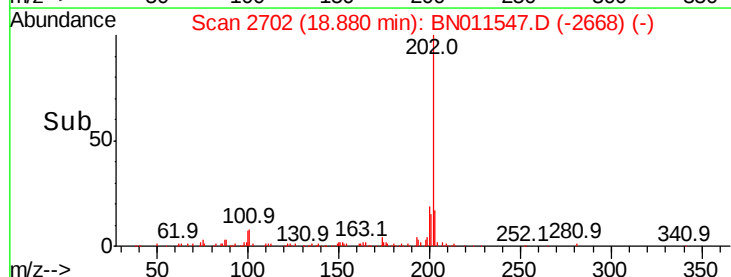
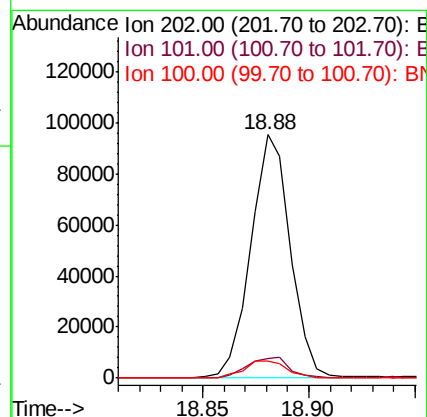
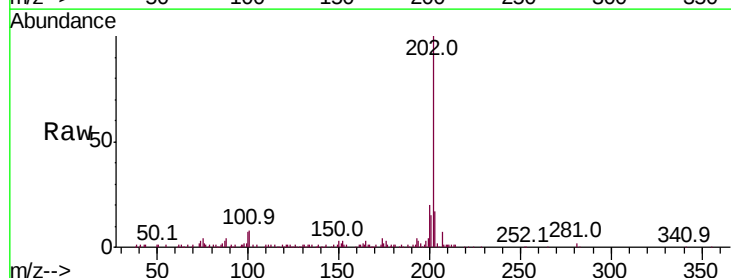
Delta R.T. -0.00 min

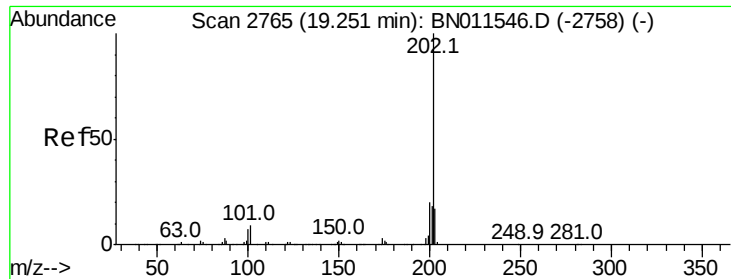
Lab File: BN011547.D

Acq: 21 Aug 2020 05:52

Tgt Ion:202 Resp: 123815

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.3	10.9
100	6.8	5.2	7.8

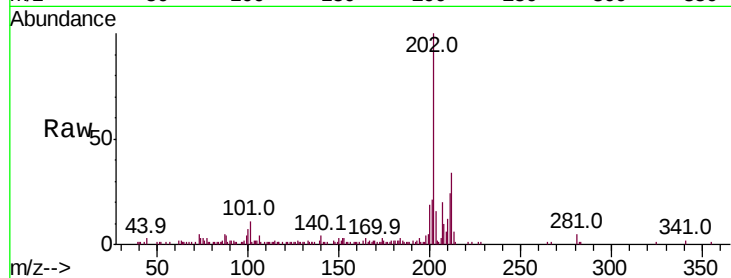




#80
 Pvrene
 Concen: 1.001 ng/ul
 RT: 19.25 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BN011547.D
 Acq: 21 Aug 2020 05:52

Instrument :
 BNA_N
 ClientSampleId :
 DBFS5

Tot Ion:	202	Resp:	66992
Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.8	11.8
100	7.1	6.5	9.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

