

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
 Data File : BN008027.D
 Acq On : 05 Oct 2019 15:52
 Operator : JU
 Sample : K5078-19MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW134-092519MS

Quant Time: Oct 07 06:41:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4686	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	18345	0.40	ng	-0.03
13) Acenaphthene-d10	14.31	164	11615	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	23259	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	23995	0.40	ng	-0.02
34) Perylene-d12	23.46	264	26342	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	4165	0.26	ng	0.00
5) Phenol-d6	6.87	99	5265	0.26	ng	0.00
8) Nitrobenzene-d5	8.82	82	4890	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9343	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	1798	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	11878	0.25	ng	-0.02
25) Fluoranthene-d10	19.09	212	21063	0.27	ng	-0.02
29) Terphenyl-d14	19.69	244	17819	0.30	ng	-0.02

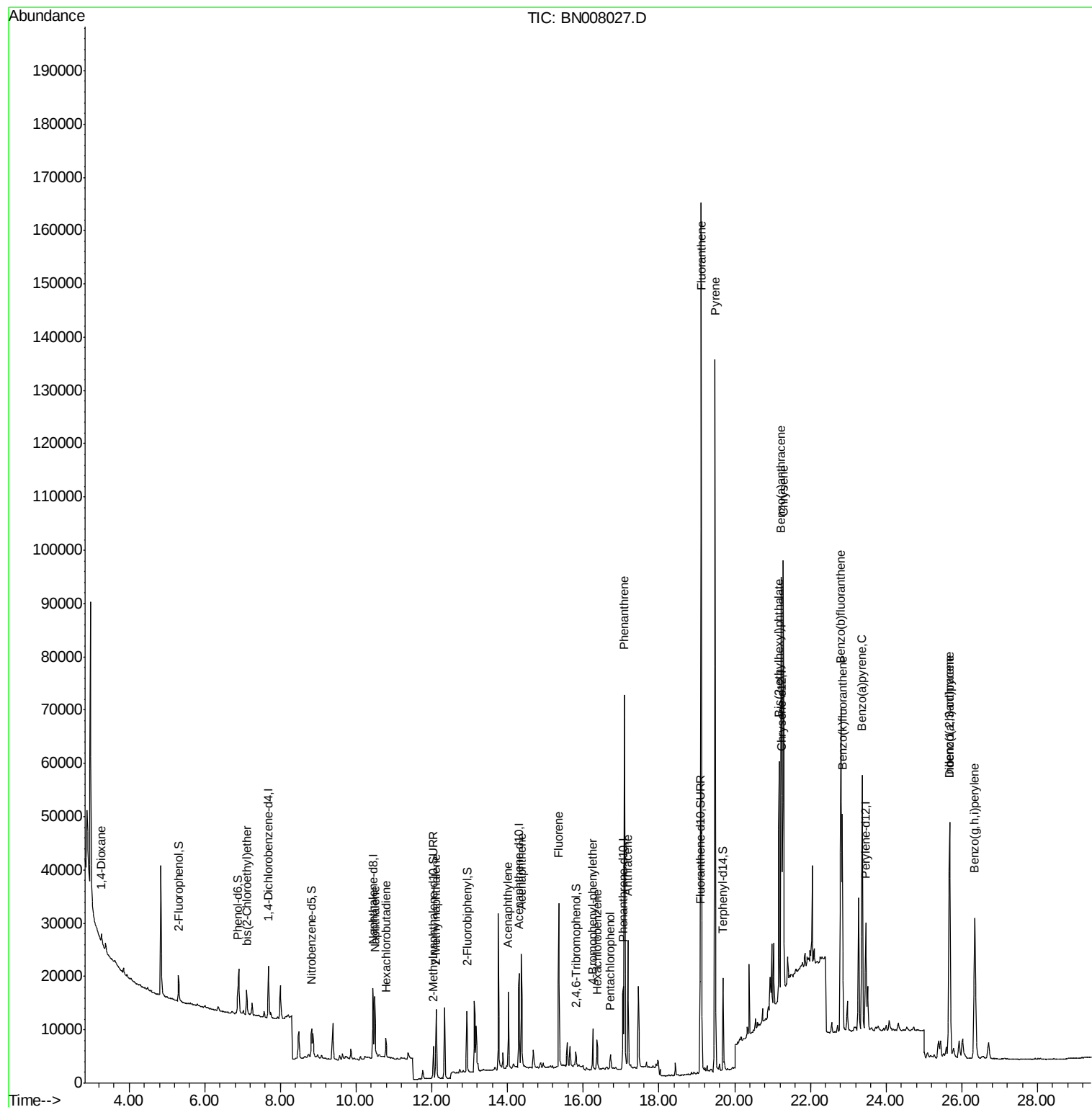
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	1113	0.213	ng	# 32
6) bis(2-Chloroethyl)ether	7.11	93	4252	0.320	ng	90
9) Naphthalene	10.49	128	14849	0.288	ng	97
10) Hexachlorobutadiene	10.79	225	3086	0.285	ng	# 100
12) 2-Methylnaphthalene	12.12	142	10023	0.288	ng	99
16) Acenaphthylene	14.02	152	17276	0.280	ng	99
17) Acenaphthene	14.36	154	10965	0.276	ng	96
18) Fluorene	15.36	166	15147	0.298	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	3987	0.282	ng	# 91
21) Hexachlorobenzene	16.37	284	4302	0.279	ng	98
22) Pentachlorophenol	16.72	266	1682	0.296	ng	94
23) Phenanthrene	17.09	178	81379	1.123	ng	100
24) Anthracene	17.18	178	25379	0.388	ng	99
26) Fluoranthene	19.12	202	146359	1.625	ng	99
28) Pyrene	19.48	202	122162	1.493	ng	97
30) Benzo(a)anthracene	21.23	228	67079	0.759	ng	99
31) Chrysene	21.28	228	74333	0.863	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	34622	0.762	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	60166	0.558	ng	97
35) Benzo(b)fluoranthene	22.80	252	90480	0.989	ng	# 94
36) Benzo(k)fluoranthene	22.84	252	49691	0.549	ng	# 92
37) Benzo(a)pyrene	23.37	252	66214	0.770	ng	# 92
38) Dibenzo(a,h)anthracene	25.68	278	30430	0.346	ng	# 85
39) Benzo(g,h,i)perylene	26.34	276	55851	0.642	ng	96

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

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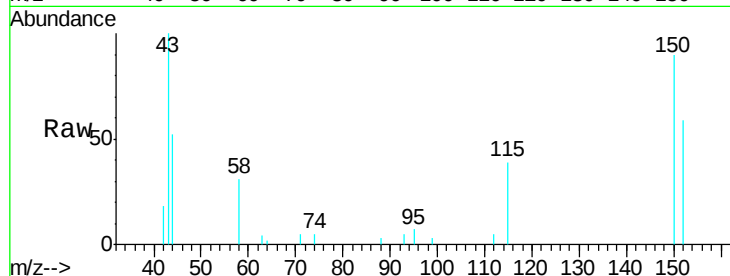


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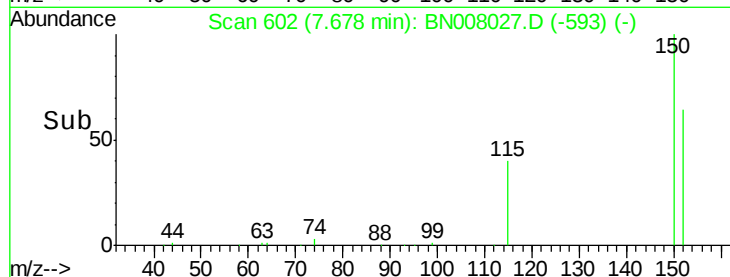
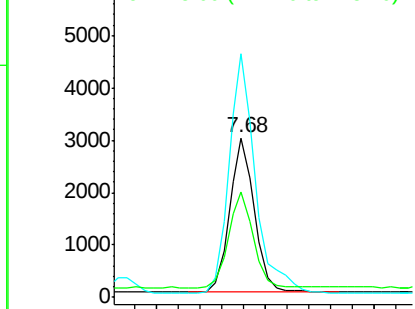
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion: 152 Resp: 4686
Ion Ratio Lower Upper
152 100
150 153.0 125.6 188.4
115 65.9 53.3 79.9



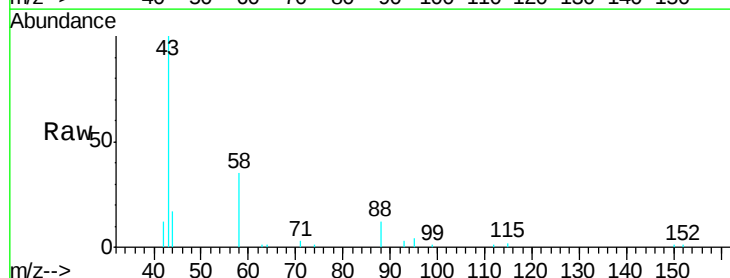
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



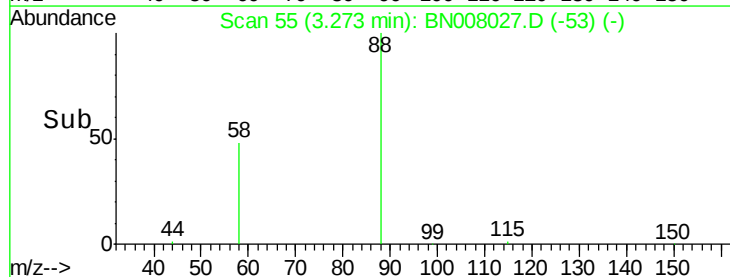
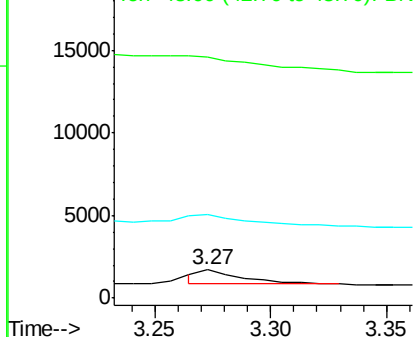
#2

1,4-Dioxane
Concen: 0.213 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion: 88 Resp: 1113
Ion Ratio Lower Upper
88 100
58 0.0 44.6 66.8#
43 0.0 14.4 21.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.258 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

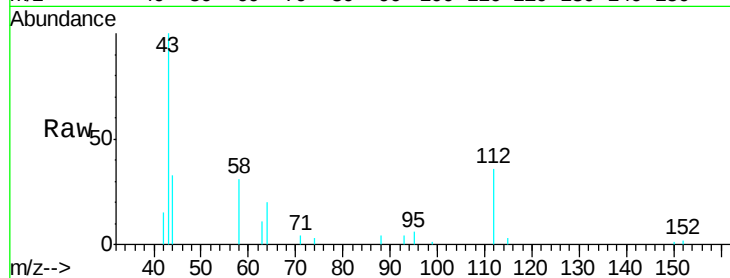
Tgt Ion: 112 Resp: 4165

Ion Ratio Lower Upper

112 100

64 57.3 46.6 70.0

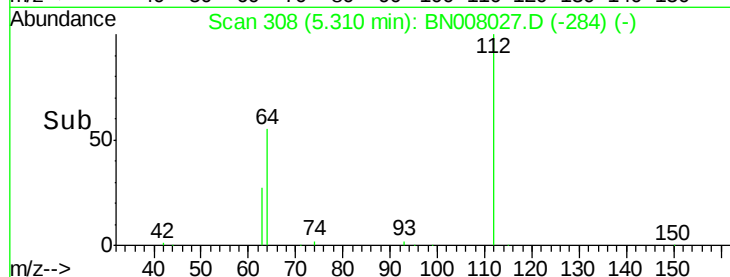
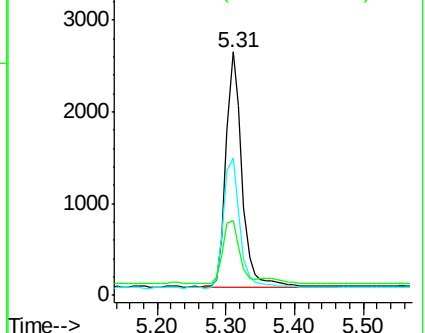
63 27.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.260 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

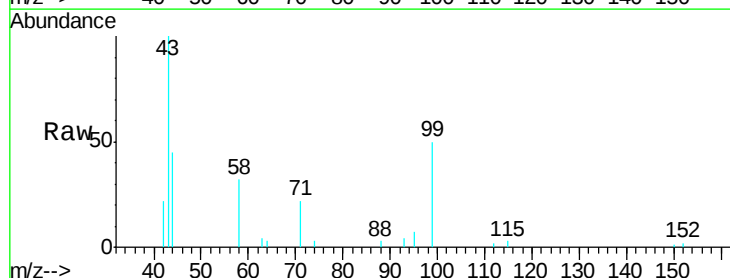
Tgt Ion: 99 Resp: 5265

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

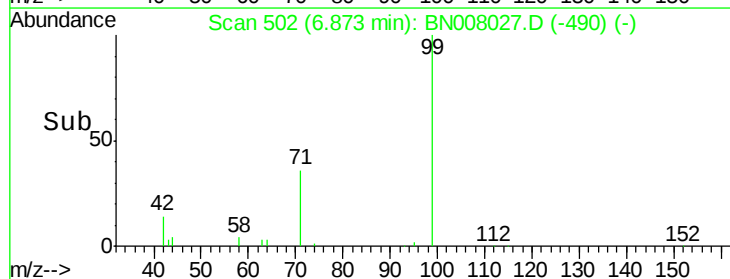
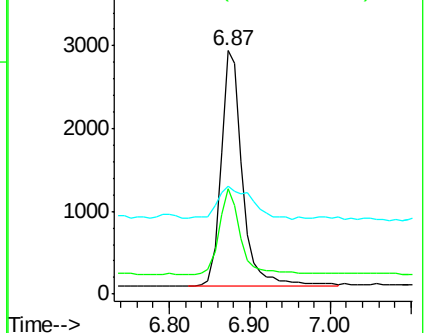
71 36.0 27.6 41.4

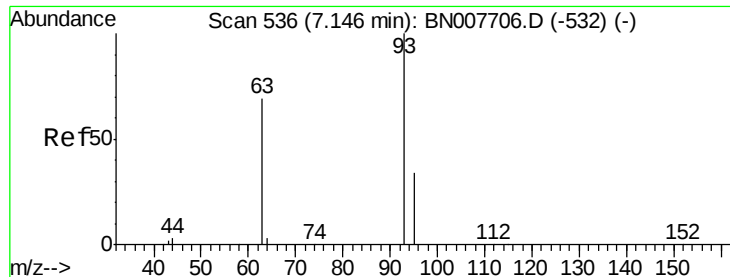


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

RT: 7.11 min Scan# 531

Delta R.T. -0.04 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

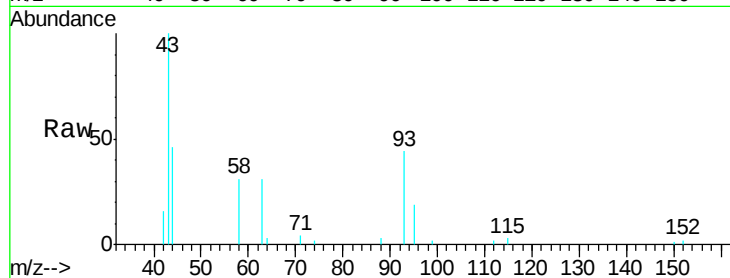
Tgt Ion: 93 Resp: 4252

Ion Ratio Lower Upper

93 100

63 66.3 59.3 88.9

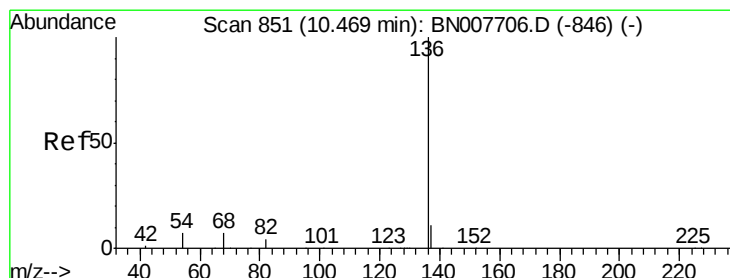
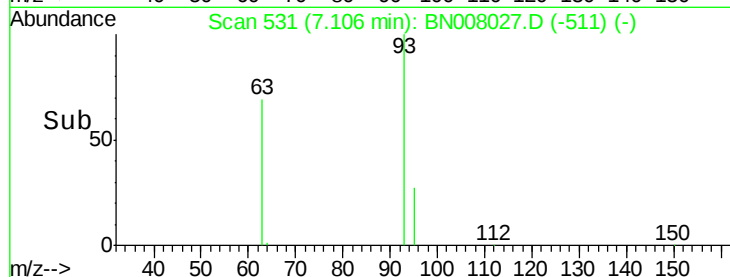
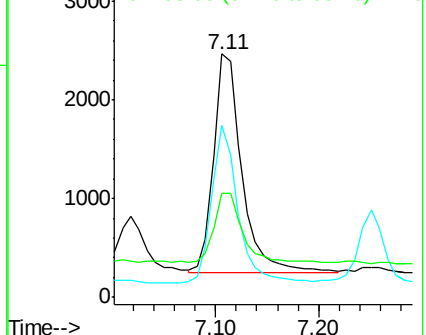
95 32.2 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Tgt Ion: 136 Resp: 18345

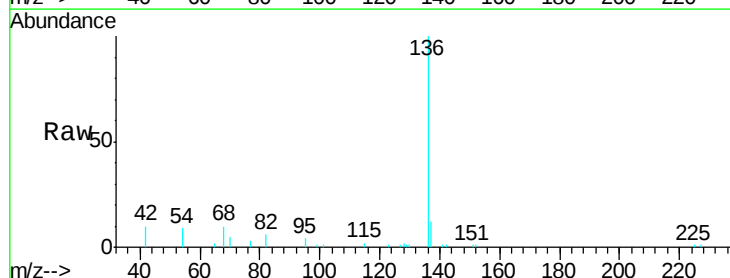
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 8.8 5.8 8.8#

68 9.9 6.5 9.7#

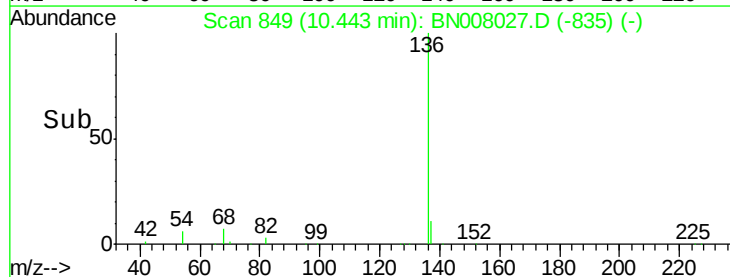
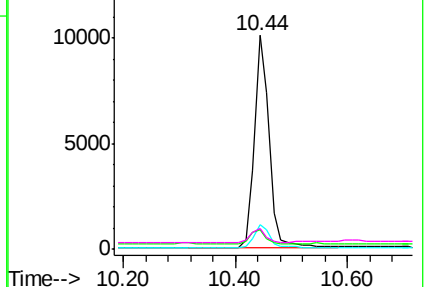


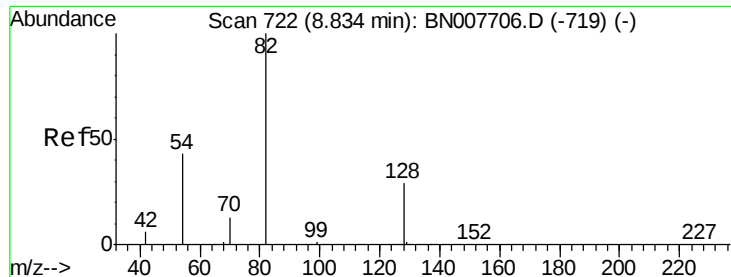
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

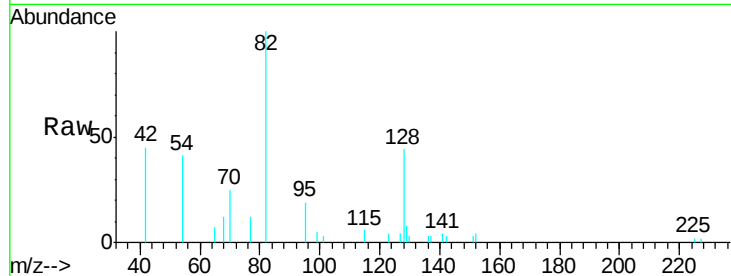




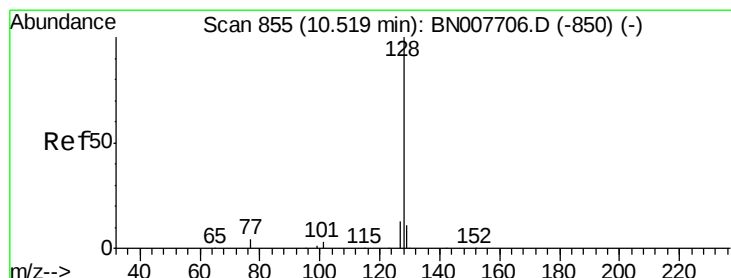
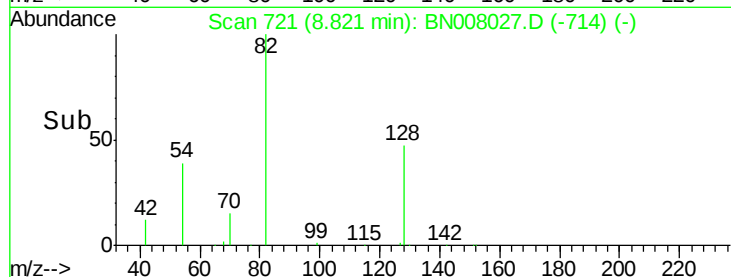
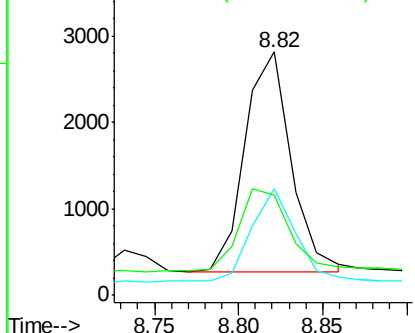
#8
 Nitrobenzene-d5
 Concen: 0.305 ng
 RT: 8.82 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BN008027.D
 Acq: 05 Oct 2019 15:52

Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	24.5	36.7#
54	41.3	35.2	52.8

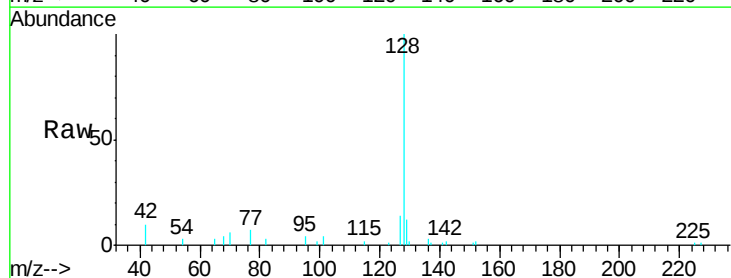


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

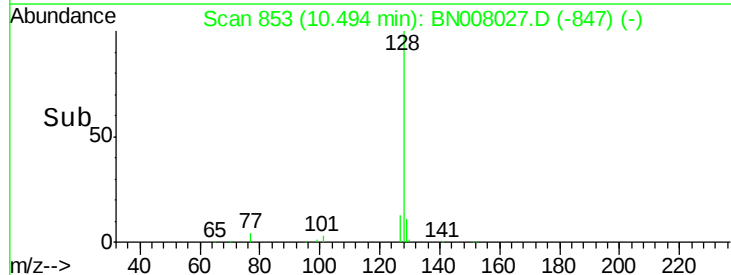
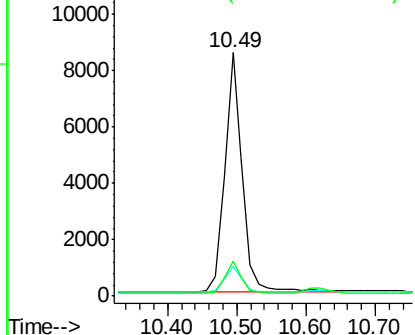


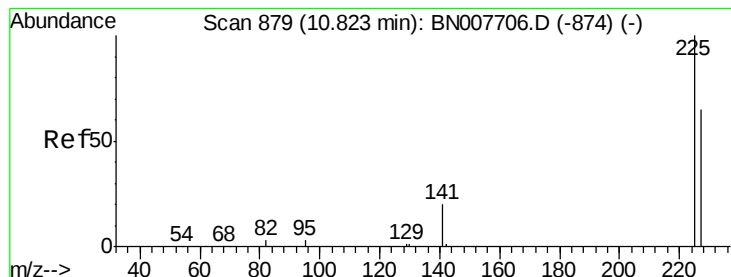
#9
 Naphthalene
 Concen: 0.288 ng
 RT: 10.49 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BN008027.D
 Acq: 05 Oct 2019 15:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.2	10.6	15.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#10

Hexachlorobutadiene

Concen: 0.285 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008027.D

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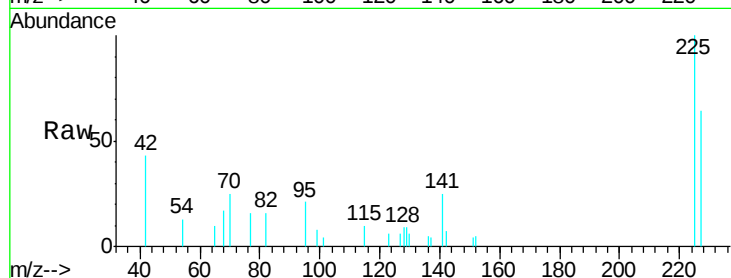
Tgt Ion: 225 Resp: 3086

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

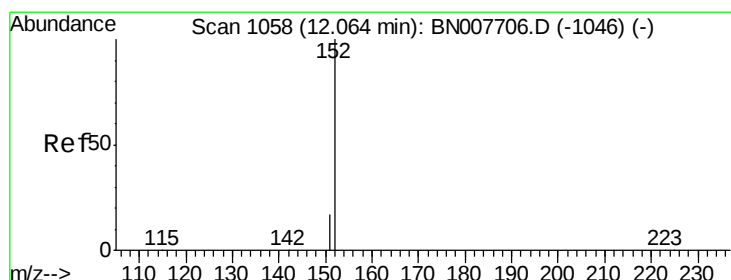
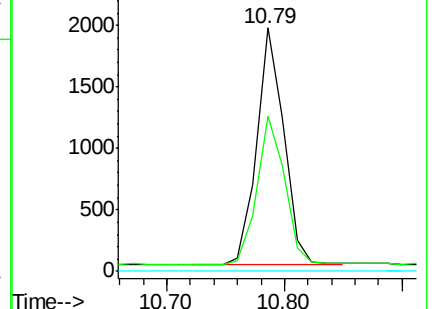
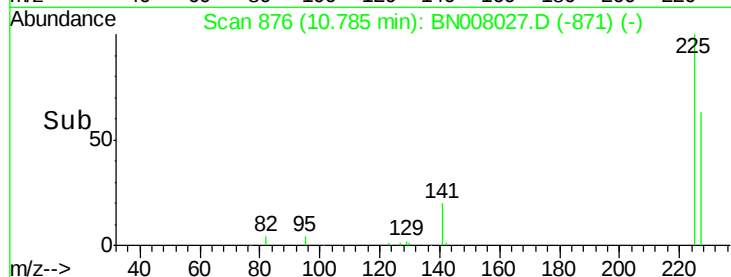
227 63.7 51.2 76.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BN008027.D

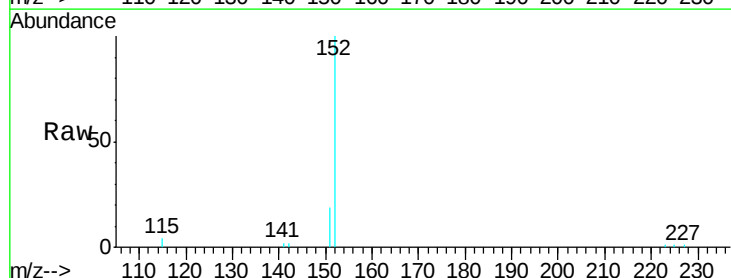
Acq: 05 Oct 2019 15:52

Tgt Ion: 152 Resp: 9343

Ion Ratio Lower Upper

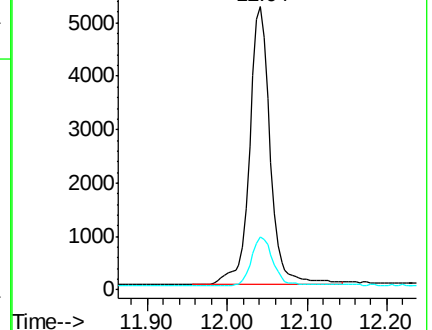
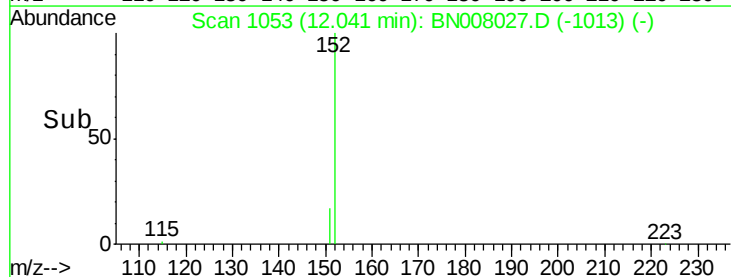
152 100

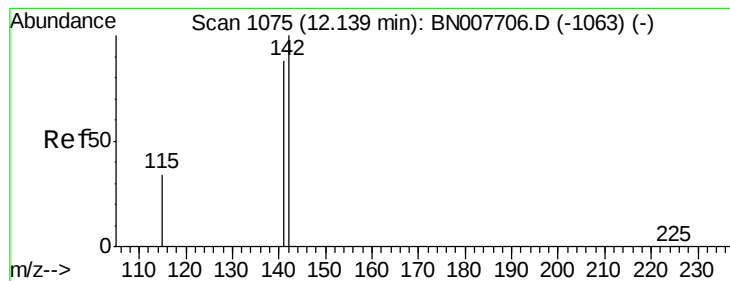
151 18.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.288 ng

RT: 12.12 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN008027.D

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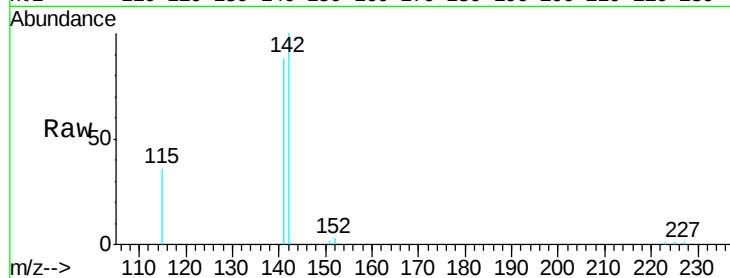
Tgt Ion:142 Resp: 10023

Ion Ratio Lower Upper

142 100

141 87.5 70.6 106.0

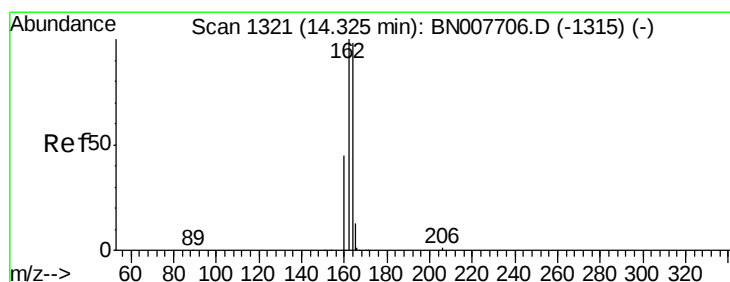
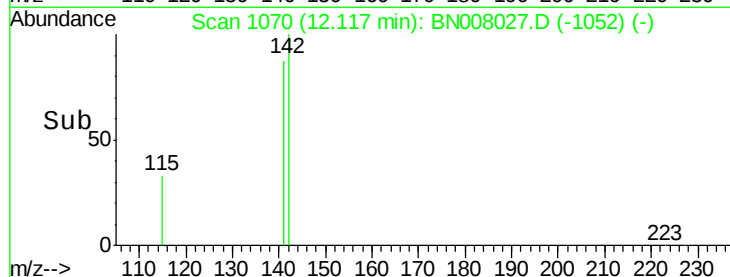
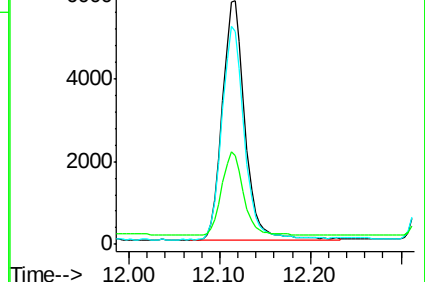
115 36.3 28.3 42.5



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

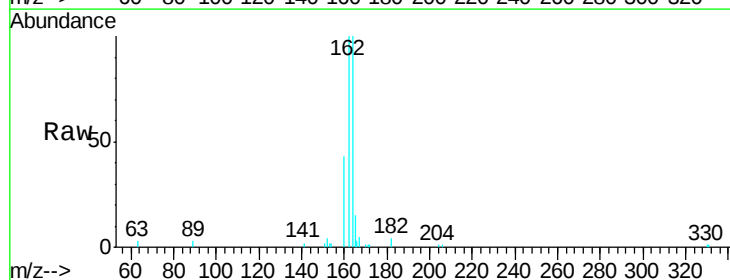
Tgt Ion:164 Resp: 11615

Ion Ratio Lower Upper

164 100

162 99.7 81.7 122.5

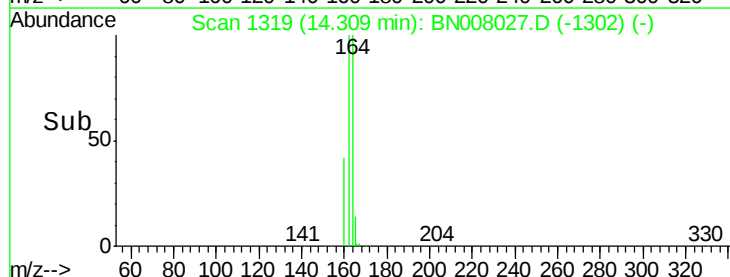
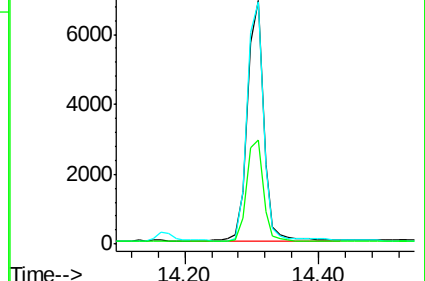
160 42.9 37.0 55.4

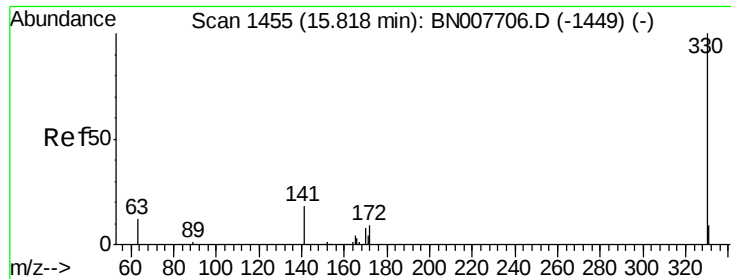


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.284 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

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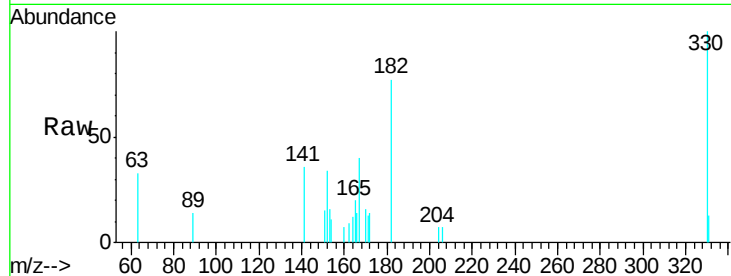
Tgt Ion:330 Resp: 1798

Ion Ratio Lower Upper

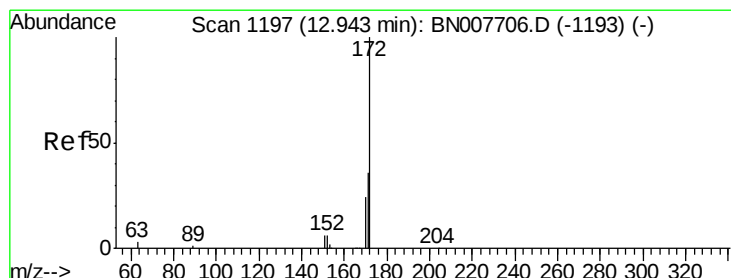
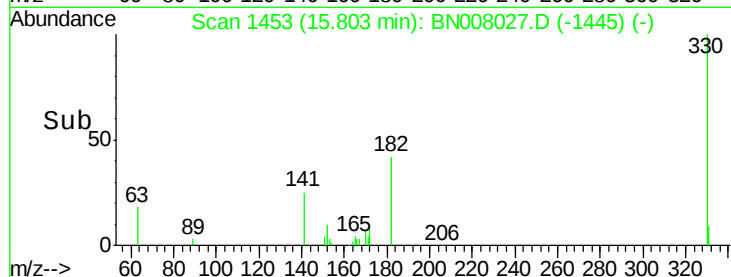
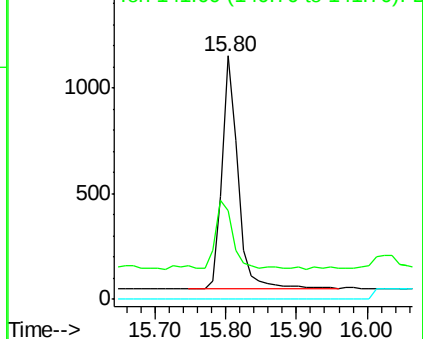
330 100

332 0.0 0.0 0.0

141 30.3 28.7 43.1



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.248 ng

RT: 12.93 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

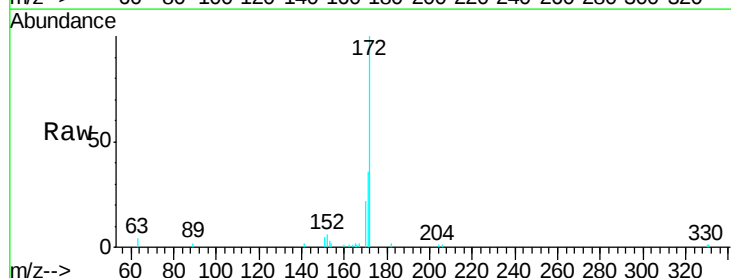
Tgt Ion:172 Resp: 11878

Ion Ratio Lower Upper

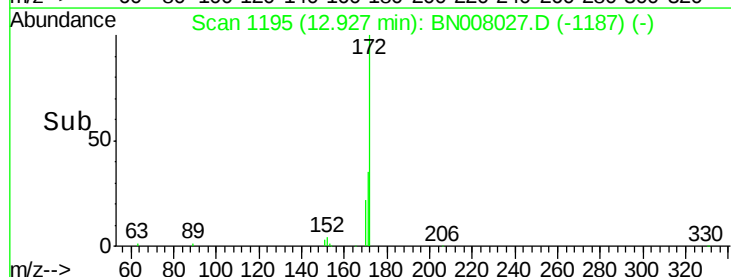
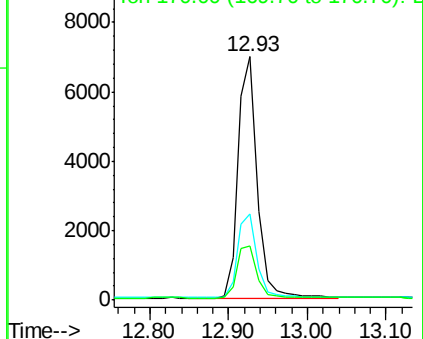
172 100

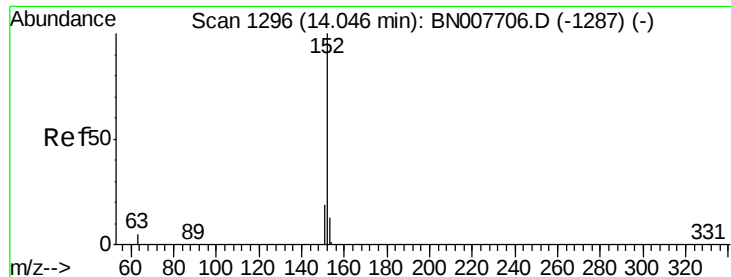
171 35.6 28.8 43.2

170 22.4 19.5 29.3



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





#16

Acenaphthylene

Concen: 0.280 ng

RT: 14.02 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

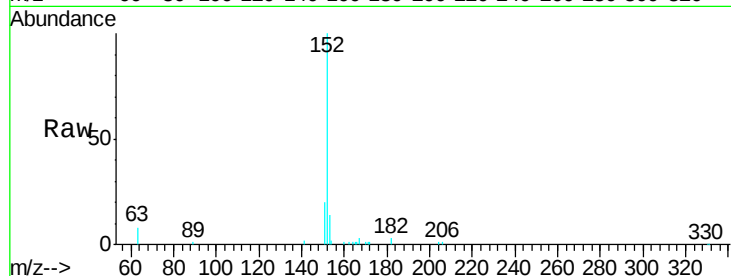
Tgt Ion:152 Resp: 17276

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3

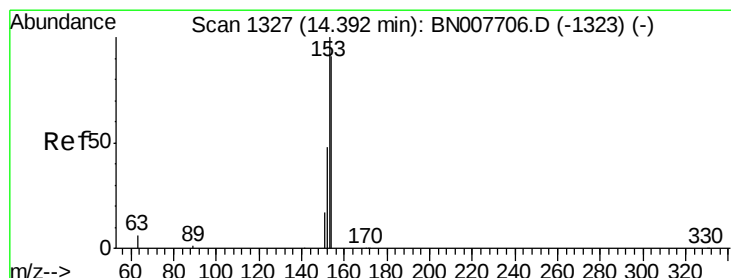
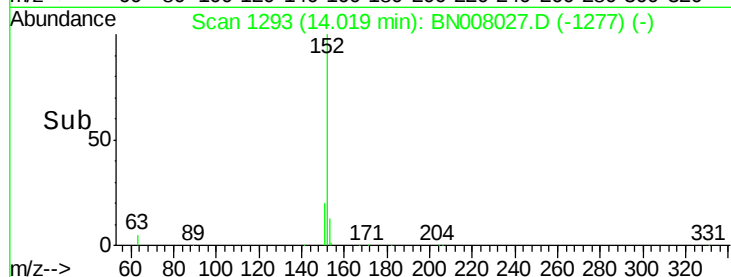
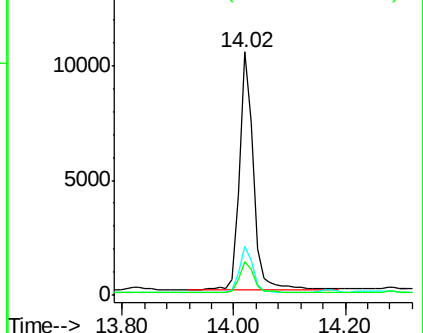
153 12.9 10.4 15.6



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



#17

Acenaphthene

Concen: 0.276 ng

RT: 14.36 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

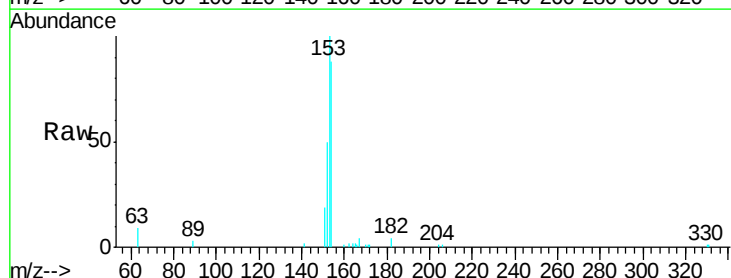
Tgt Ion:154 Resp: 10965

Ion Ratio Lower Upper

154 100

153 114.3 87.0 130.4

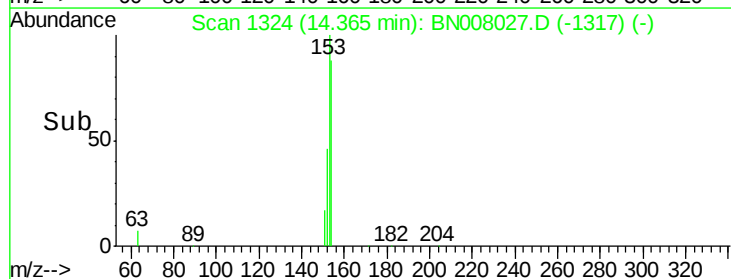
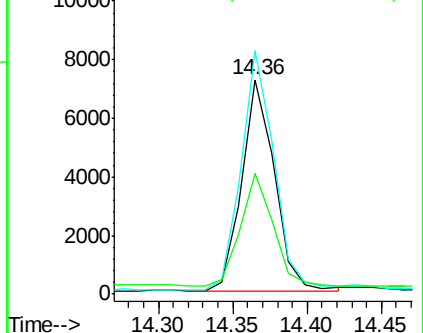
152 54.8 42.7 64.1

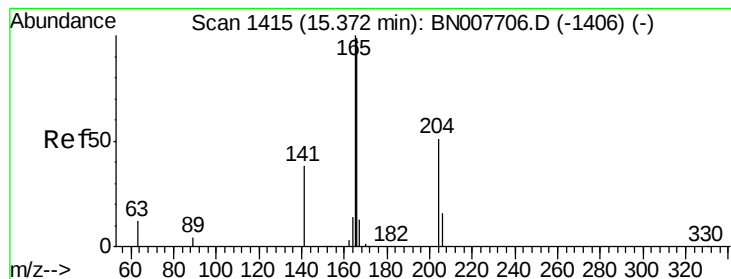


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.298 ng

RT: 15.36 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

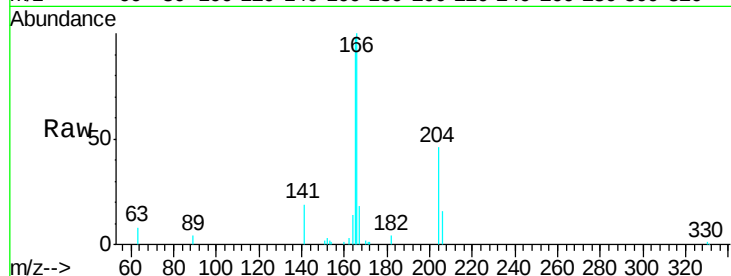
Tgt Ion:166 Resp: 15147

Ion Ratio Lower Upper

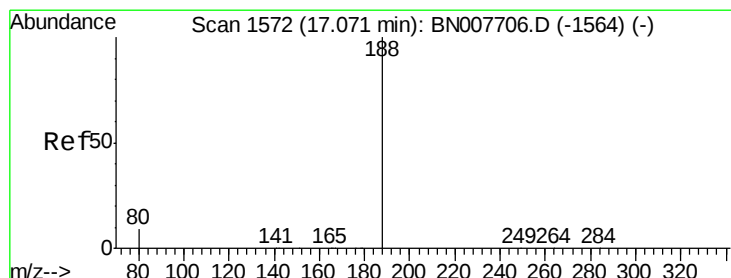
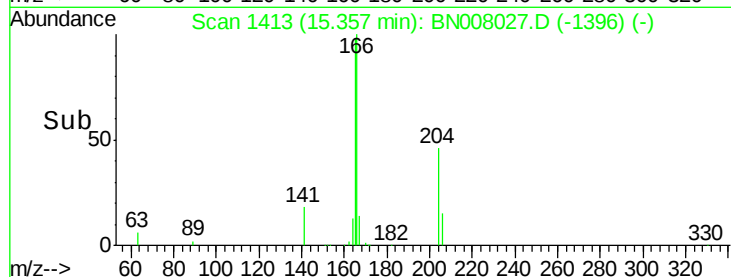
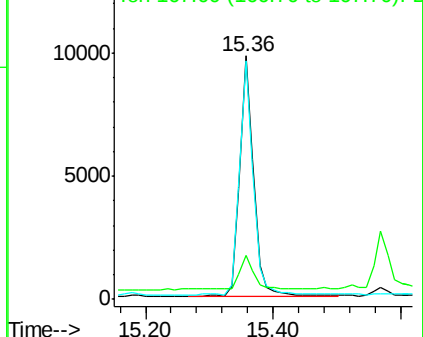
166 100

165 96.5 78.0 117.0

167 13.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

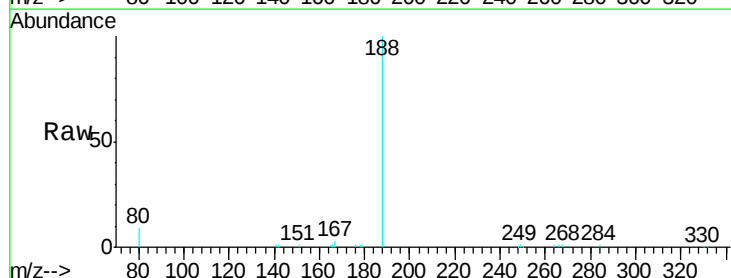
Tgt Ion:188 Resp: 23259

Ion Ratio Lower Upper

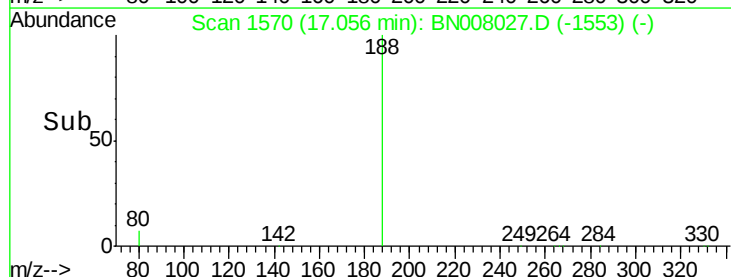
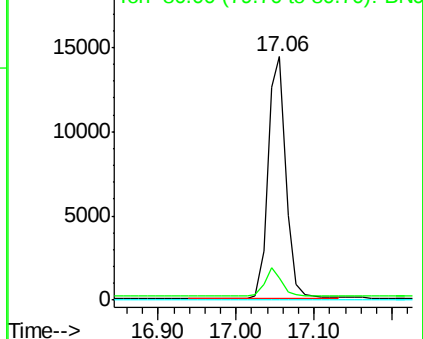
188 100

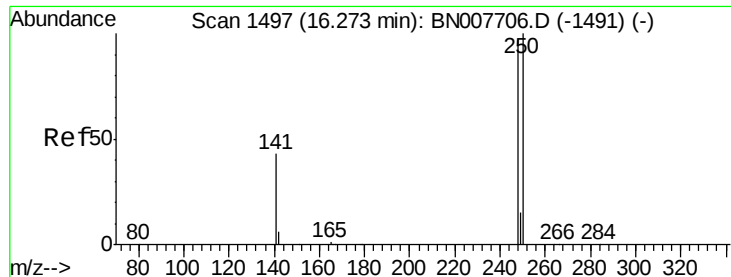
94 0.0 0.0 0.0

80 9.2 7.4 11.2



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

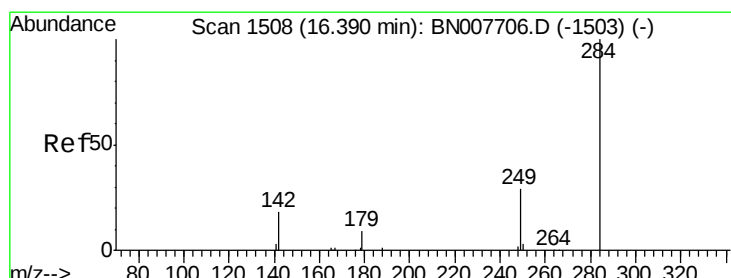
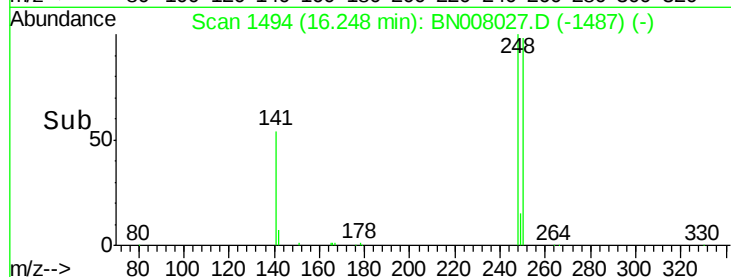
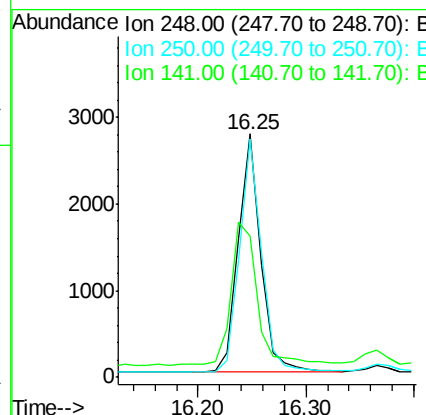
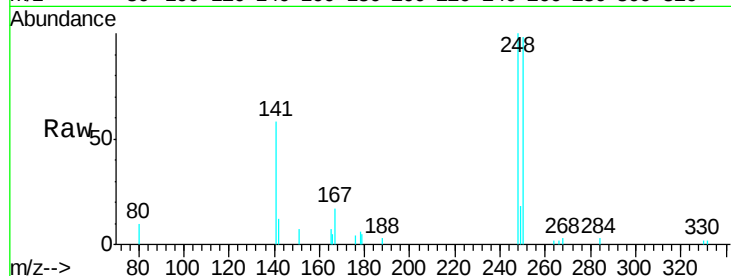




#20
4-Bromophenyl-phenylether
Concen: 0.282 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

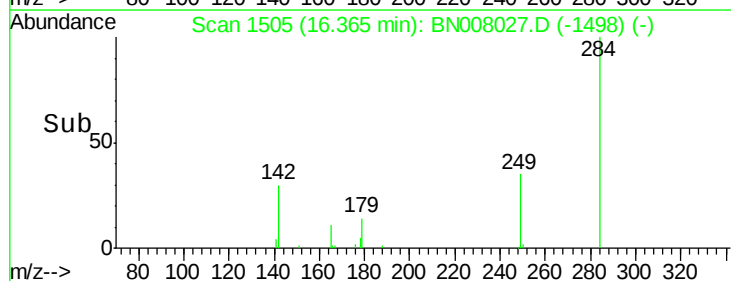
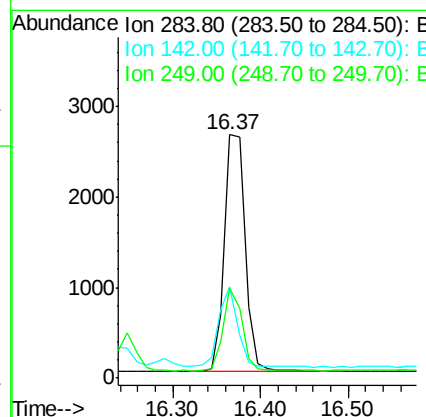
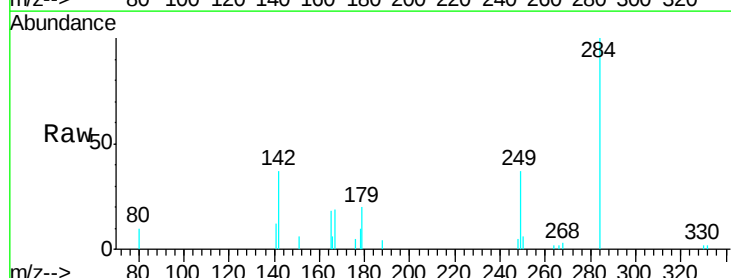
Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

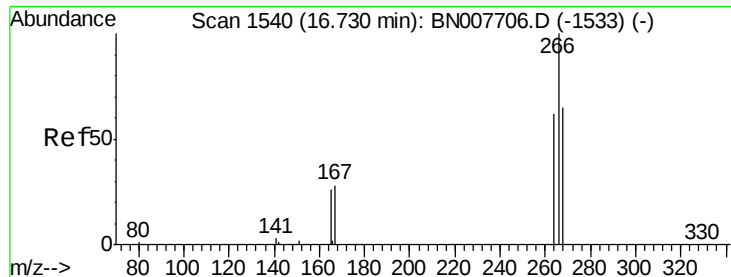
Tgt Ion: 248 Resp: 3987
Ion Ratio Lower Upper
248 100
250 98.2 82.2 123.4
141 58.1 36.3 54.5#



#21
Hexachlorobenzene
Concen: 0.279 ng
RT: 16.37 min Scan# 1505
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion: 284 Resp: 4302
Ion Ratio Lower Upper
284 100
142 30.5 25.8 38.6
249 31.5 25.9 38.9





#22

Pentachlorophenol

Concen: 0.296 ng

RT: 16.72 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

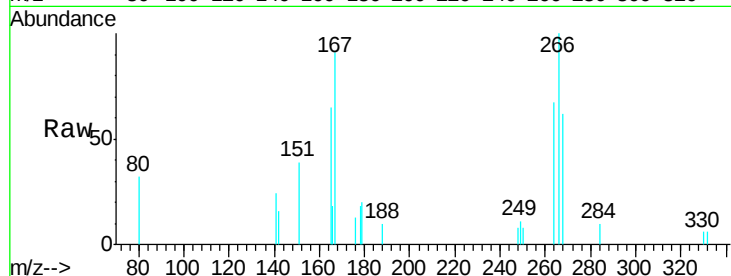
Tgt Ion: 266 Resp: 1682

Ion Ratio Lower Upper

266 100

264 66.5 50.0 75.0

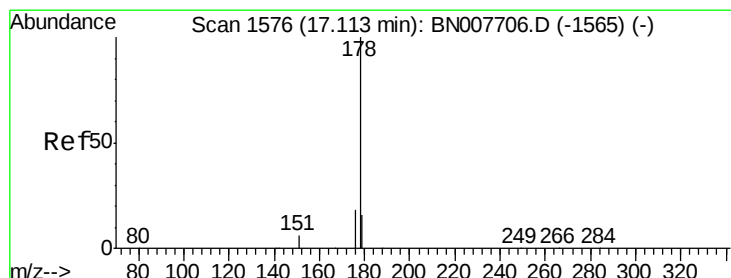
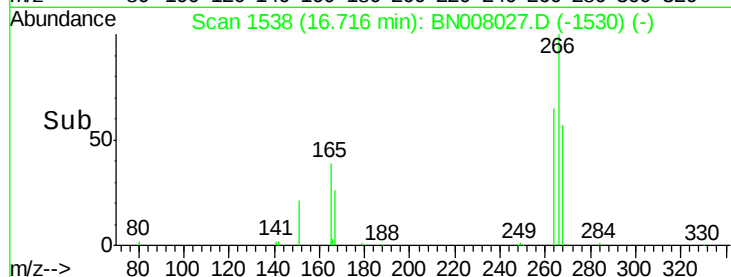
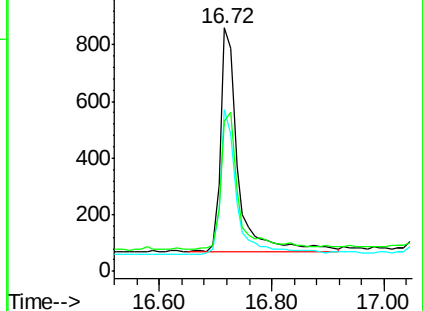
268 61.7 54.2 81.4



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 1.123 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

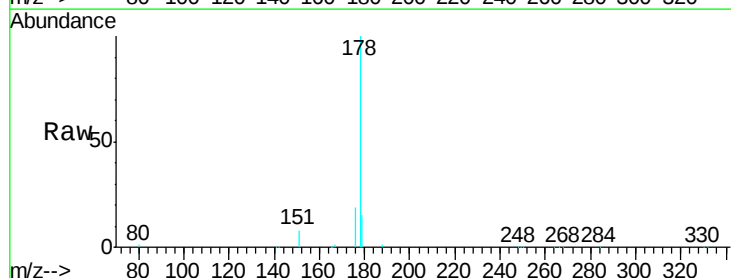
Tgt Ion: 178 Resp: 81379

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

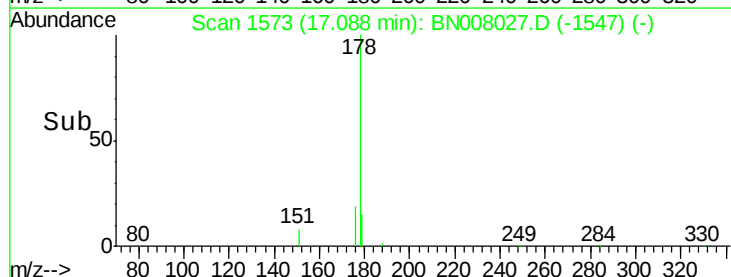
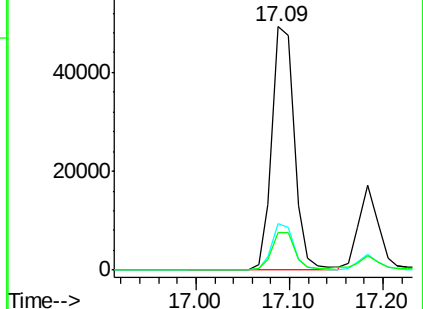
179 15.2 12.5 18.7

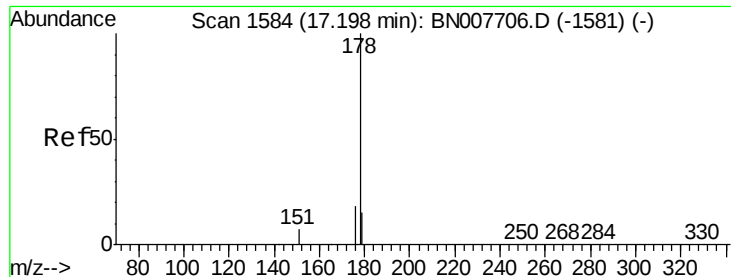


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.388 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

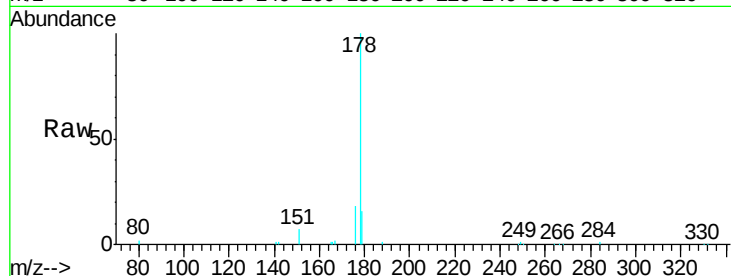
Tgt Ion:178 Resp: 25379

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

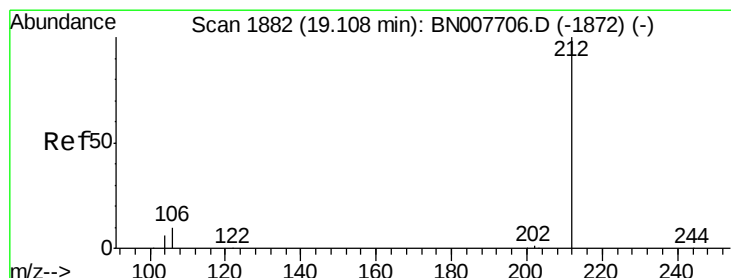
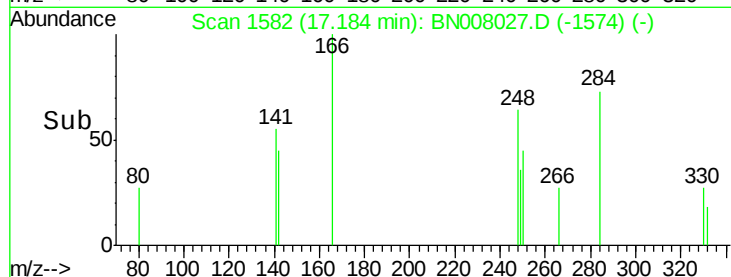
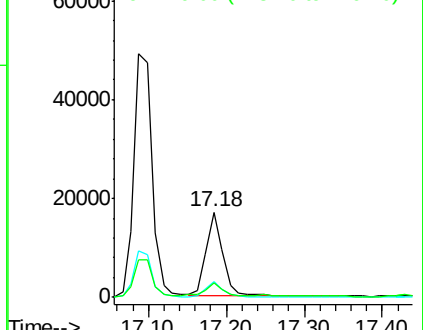
179 15.0 12.2 18.4



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



#25

Fluoranthene-d10

Concen: 0.269 ng

RT: 19.09 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

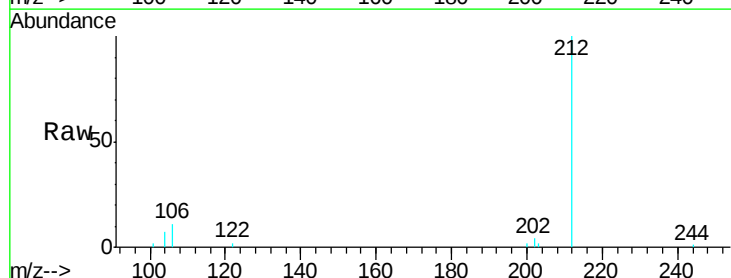
Tgt Ion:212 Resp: 21063

Ion Ratio Lower Upper

212 100

106 11.3 9.4 14.0

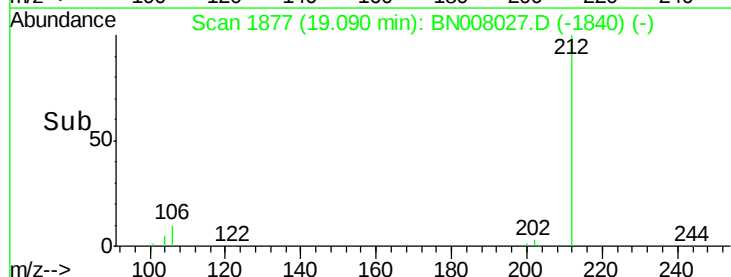
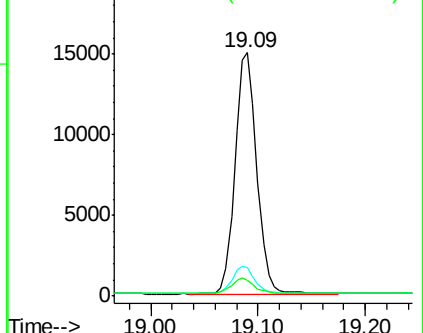
104 6.4 5.3 7.9

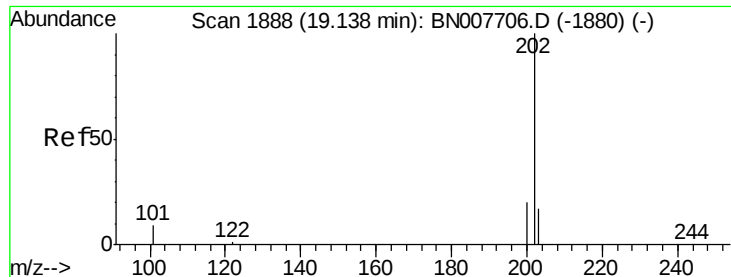


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

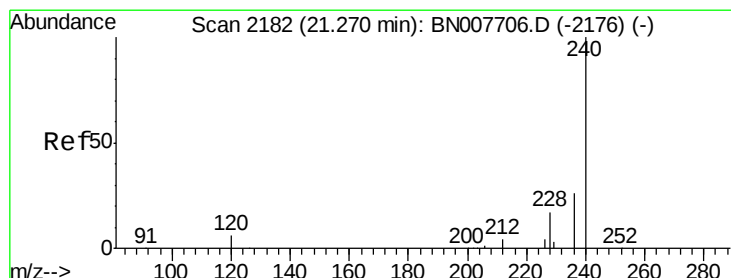
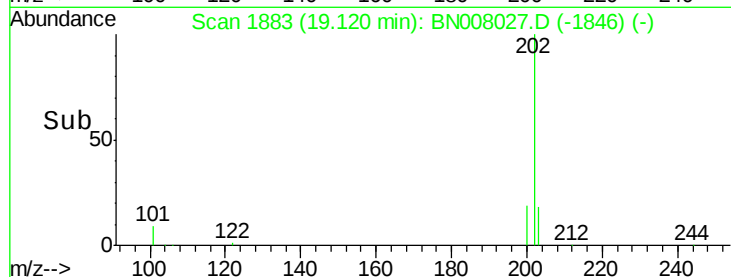
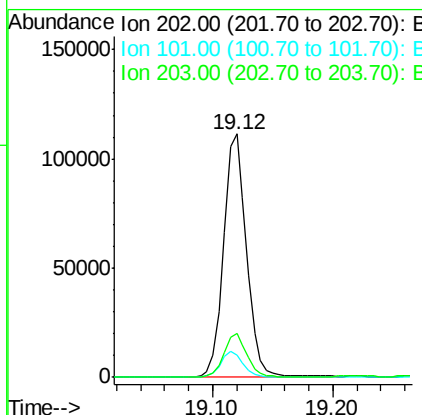
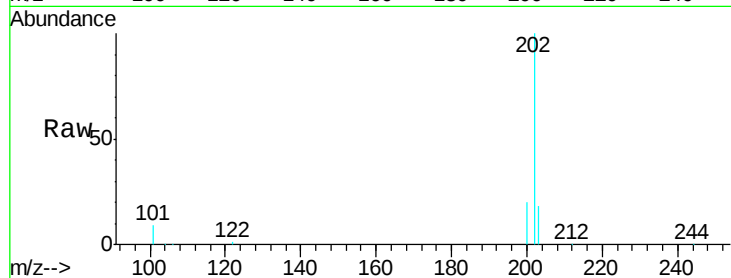




#26
 Fluoranthene
 Concen: 1.625 ng
 RT: 19.12 min Scan# 1883
 Delta R.T. -0.02 min
 Lab File: BN008027.D
 Acq: 05 Oct 2019 15:52

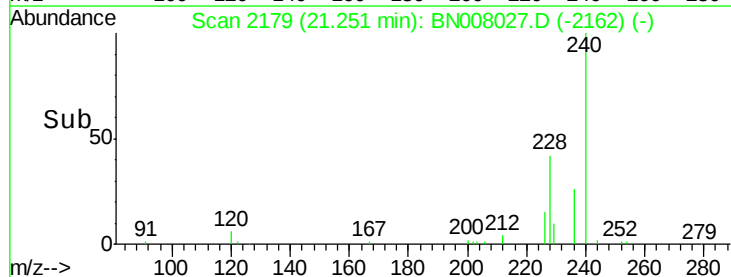
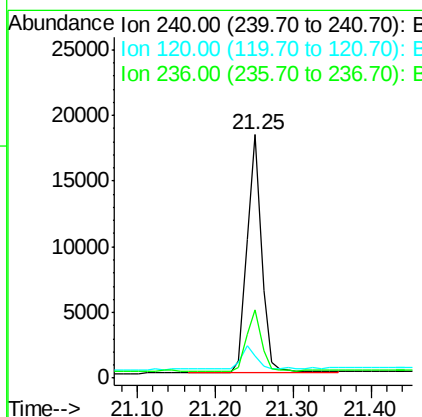
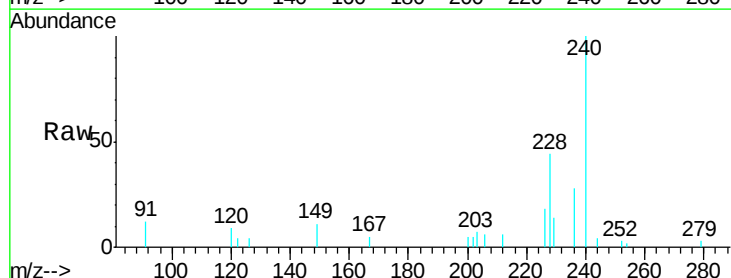
Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW134-092519MS

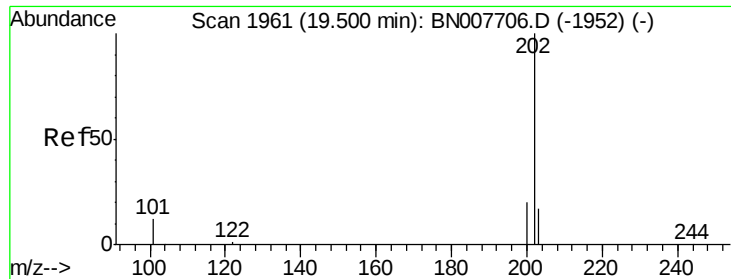
Tgt Ion: 202 Resp: 146359
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.4 12.6
 203 17.4 13.8 20.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BN008027.D
 Acq: 05 Oct 2019 15:52

Tgt Ion: 240 Resp: 23995
 Ion Ratio Lower Upper
 240 100
 120 9.1 5.4 8.2#
 236 28.2 21.0 31.4





#28

Pyrene

Concen: 1.493 ng

RT: 19.48 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

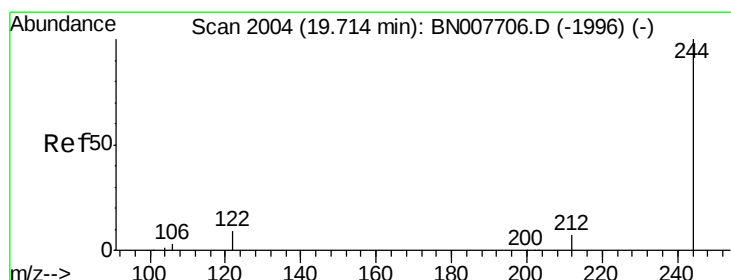
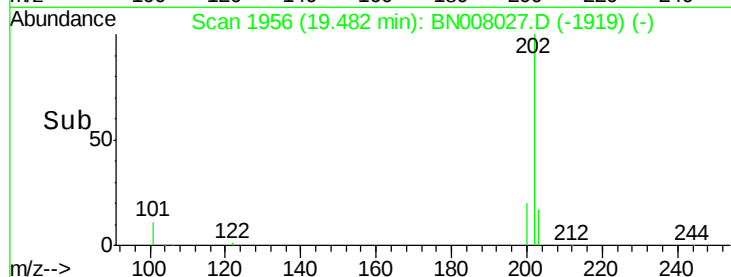
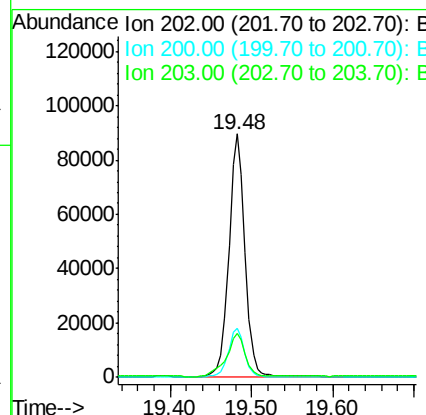
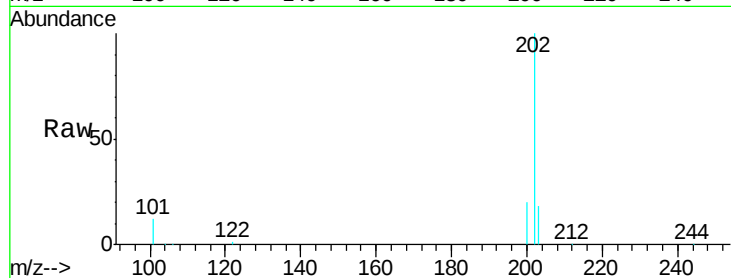
Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

Tgt Ion:	202	Resp:	122162
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	20.5	14.1	21.1



#29

Terphenyl-d14

Concen: 0.302 ng

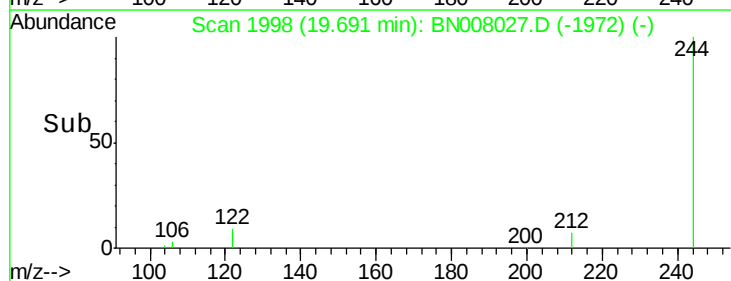
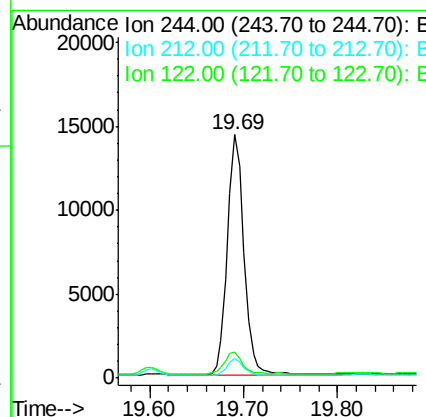
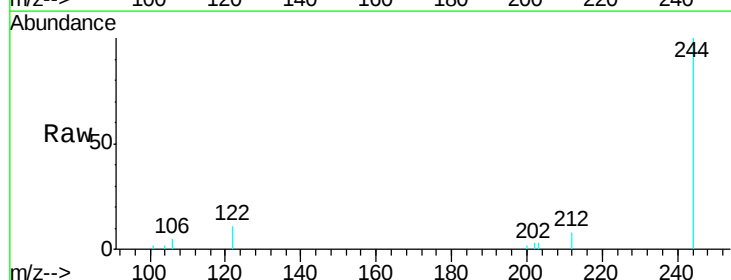
RT: 19.69 min Scan# 1998

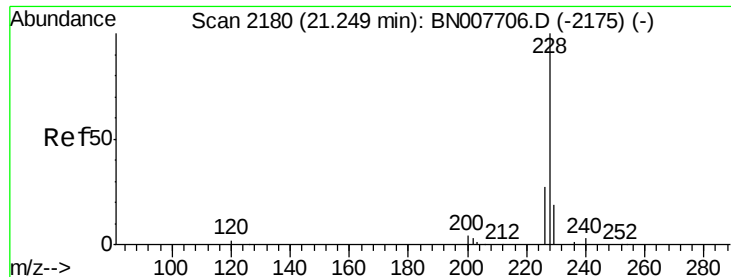
Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Tgt Ion:	244	Resp:	17819
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.8	7.4	11.2





#30

Benzo(a)anthracene

Concen: 0.759 ng

RT: 21.23 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

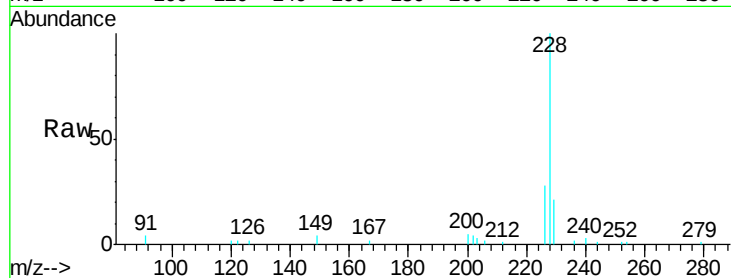
Tgt Ion:228 Resp: 67079

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

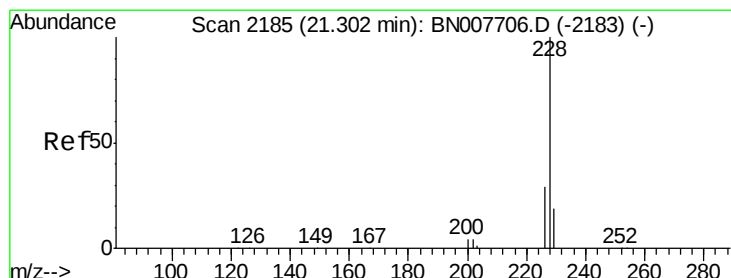
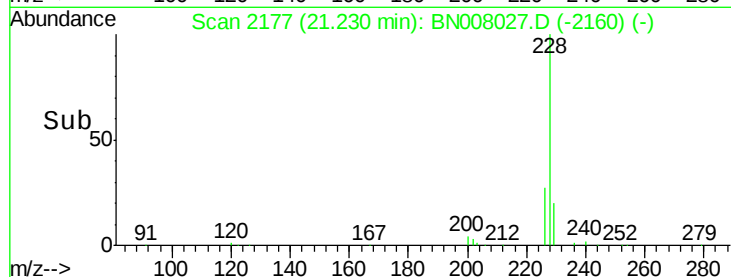
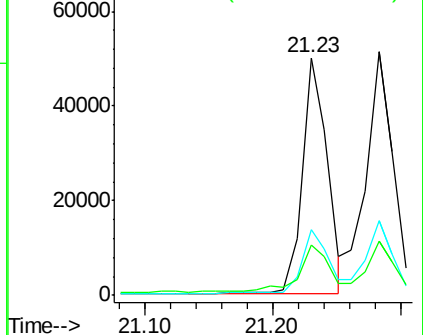
229 21.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.863 ng

RT: 21.28 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

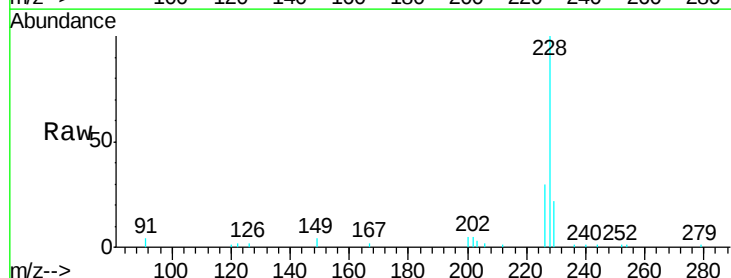
Tgt Ion:228 Resp: 74333

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

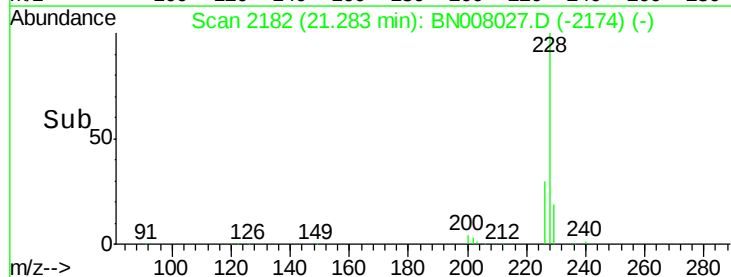
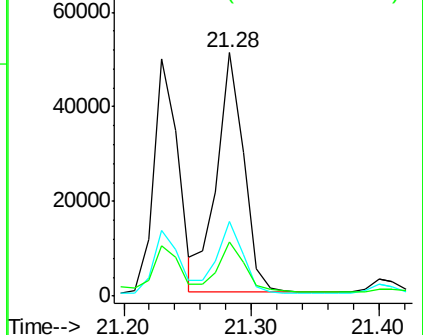
229 22.0 15.8 23.6

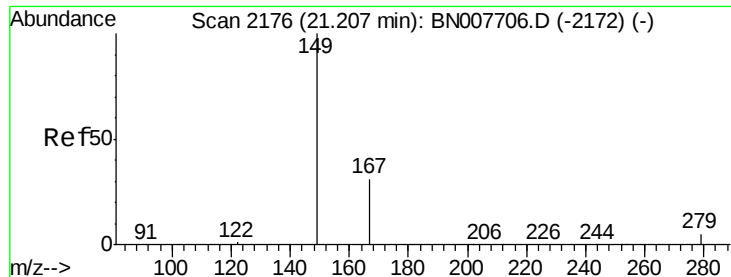


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.762 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

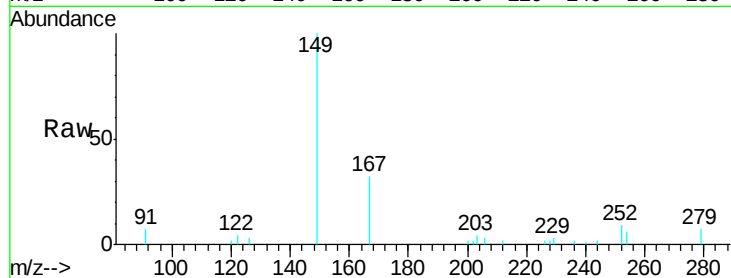
Tgt Ion:149 Resp: 34622

Ion Ratio Lower Upper

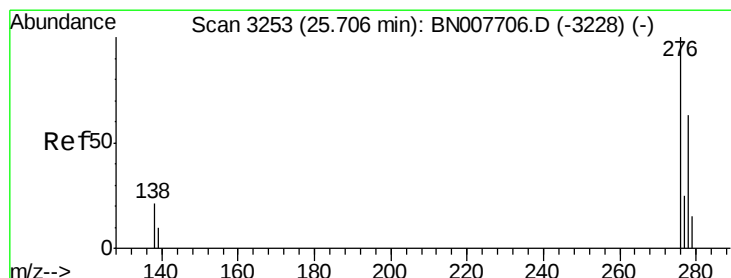
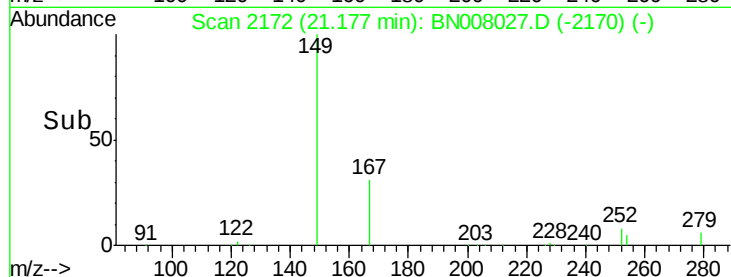
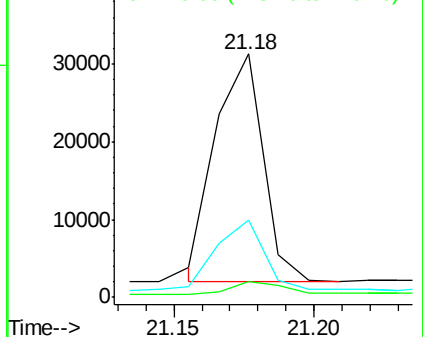
149 100

167 29.8 23.7 35.5

279 5.6 4.2 6.2



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.558 ng

RT: 25.67 min Scan# 3242

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

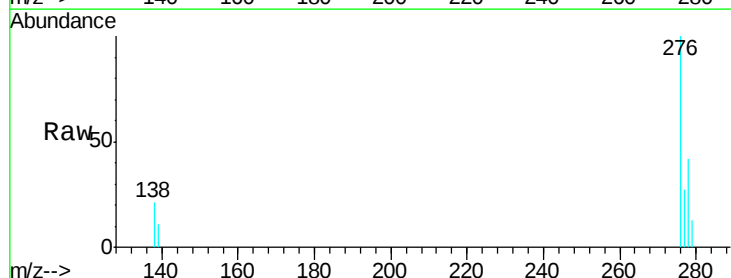
Tgt Ion:276 Resp: 60166

Ion Ratio Lower Upper

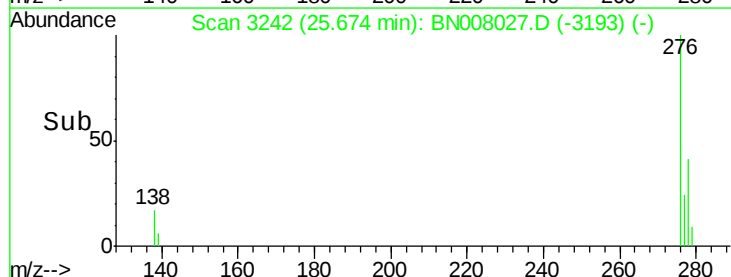
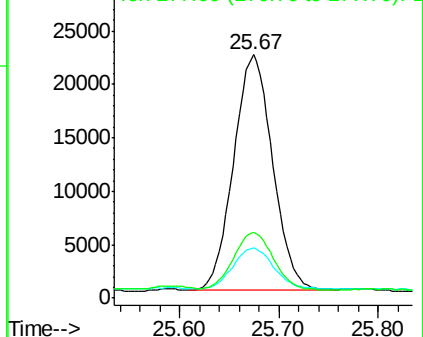
276 100

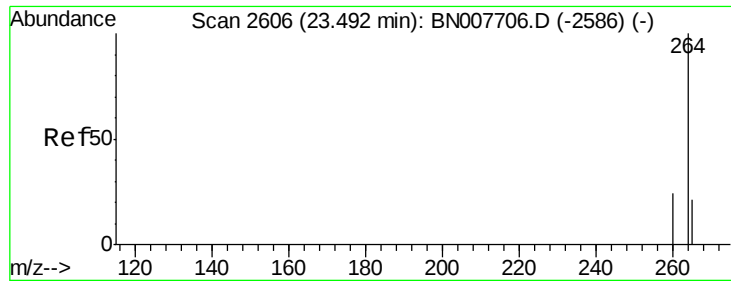
138 18.0 17.1 25.7

277 24.9 20.0 30.0



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





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

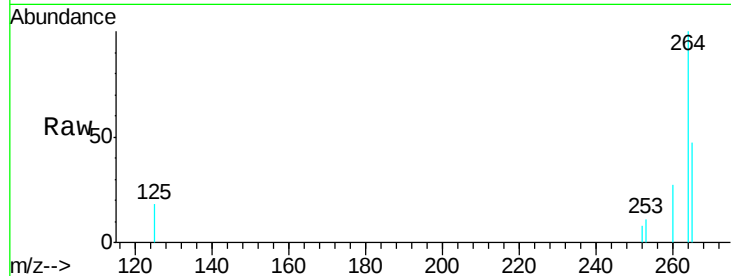
Tgt Ion:264 Resp: 26342

Ion Ratio Lower Upper

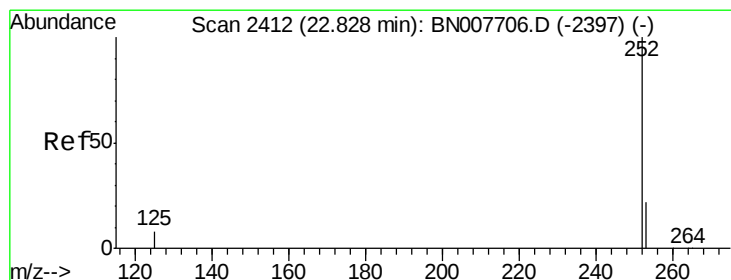
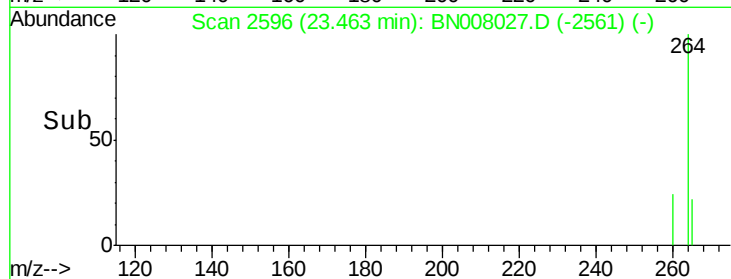
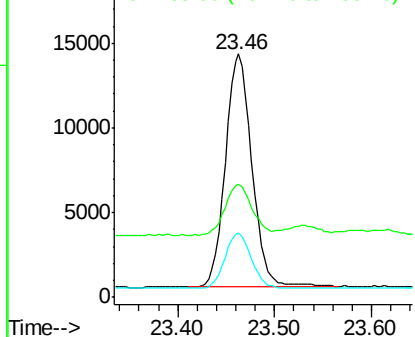
264 100

260 26.6 19.3 28.9

265 46.7 26.9 40.3#



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



#35

Benzo(b)fluoranthene

Concen: 0.989 ng

RT: 22.80 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

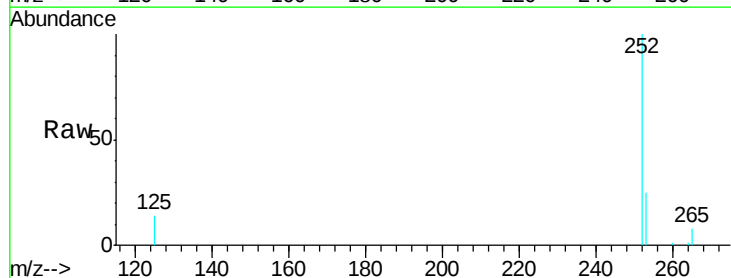
Tgt Ion:252 Resp: 90480

Ion Ratio Lower Upper

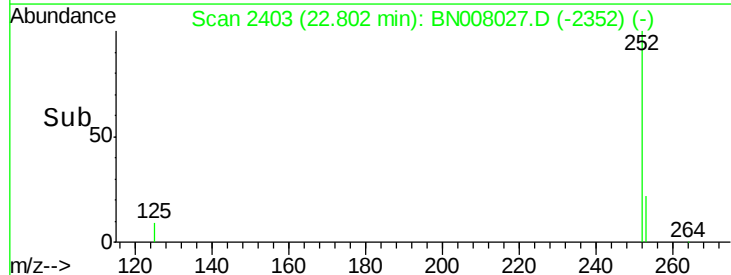
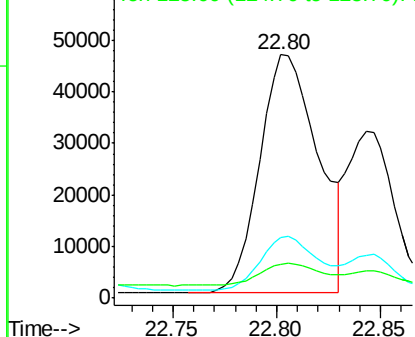
252 100

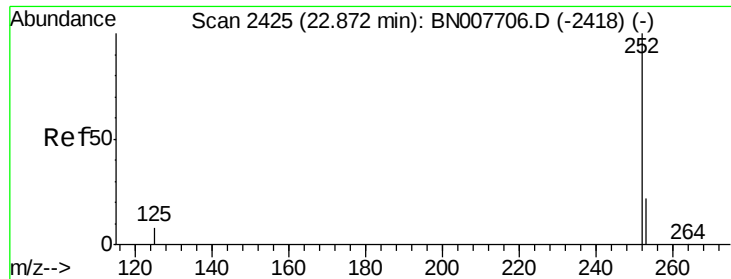
253 24.7 18.3 27.5

125 14.1 8.2 12.4#



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

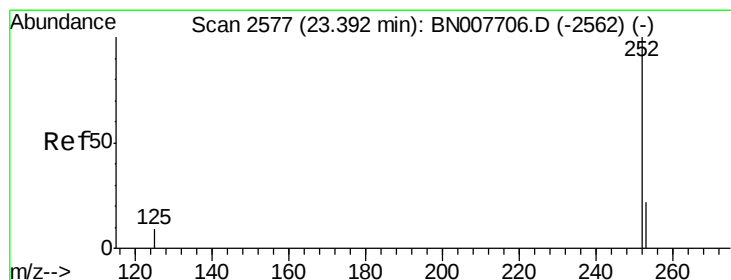
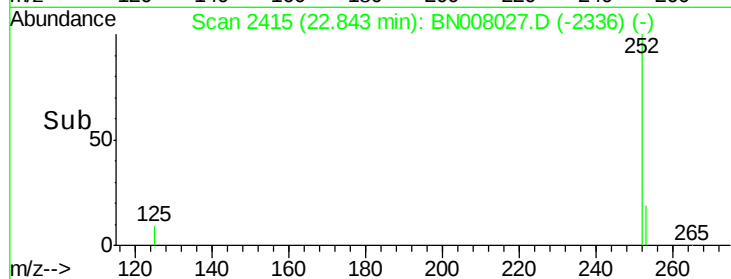
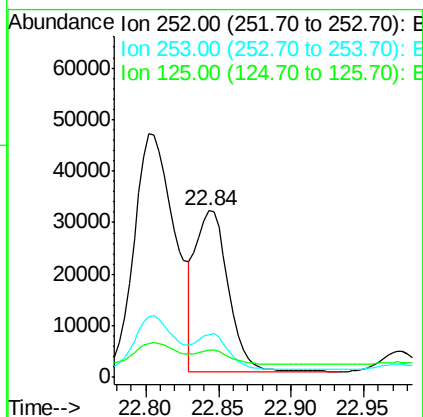
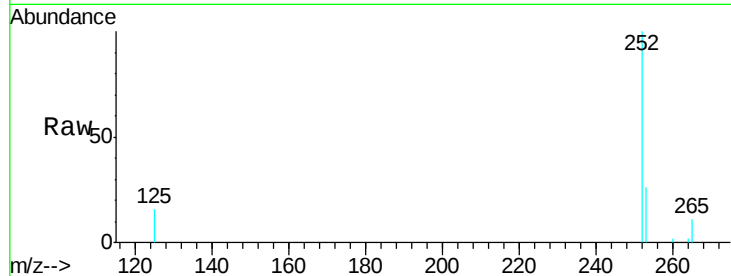




#36
Benzo(k)fluoranthene
Concen: 0.549 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

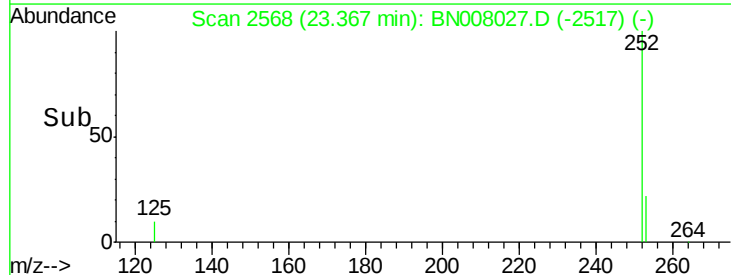
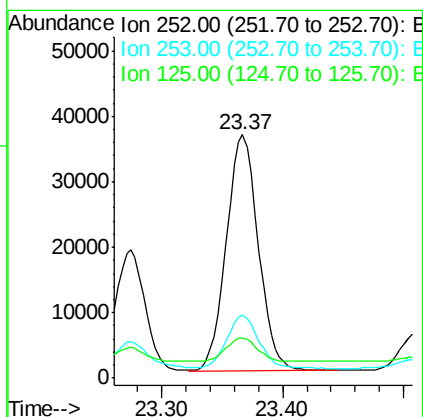
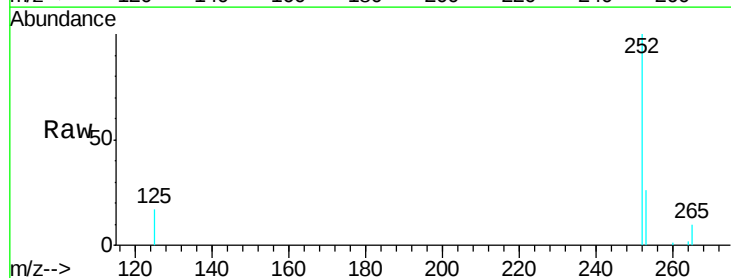
Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

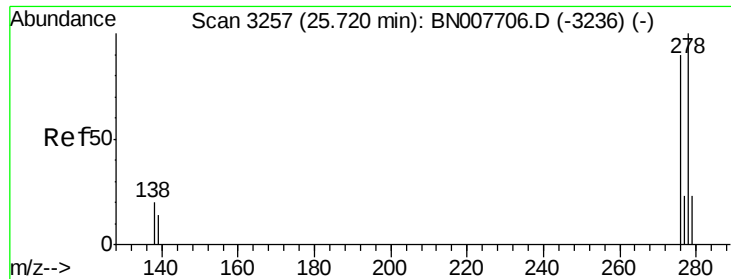
Tgt Ion:252 Resp: 49691
Ion Ratio Lower Upper
252 100
253 25.6 18.5 27.7
125 16.3 8.4 12.6#



#37
Benzo(a)pyrene
Concen: 0.770 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:252 Resp: 66214
Ion Ratio Lower Upper
252 100
253 25.9 18.6 27.8
125 16.5 9.4 14.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.04 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

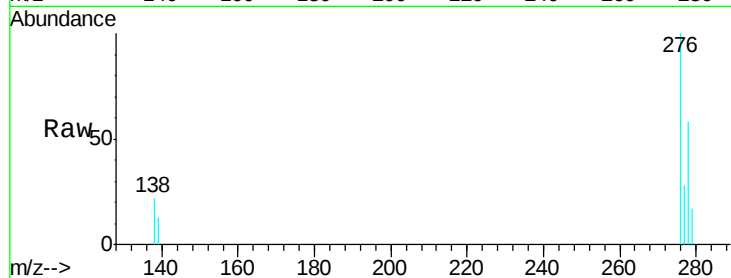
Tgt Ion:278 Resp: 30430

Ion Ratio Lower Upper

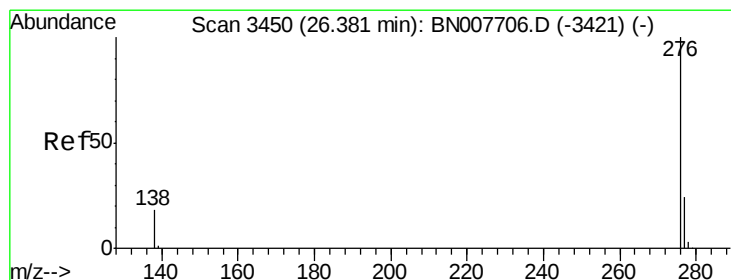
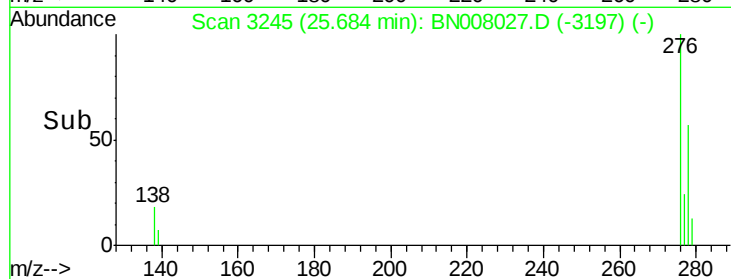
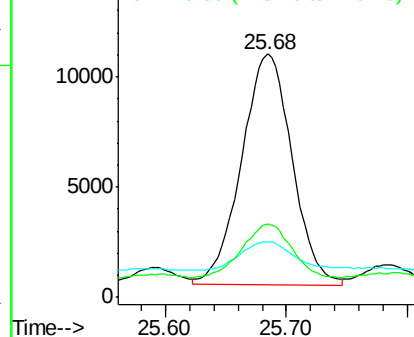
278 100

139 23.0 11.8 17.6#

279 29.9 19.4 29.2#



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



#39

Benzo(g,h,i)perylene

Concen: 0.642 ng

RT: 26.34 min Scan# 3438

Delta R.T. -0.04 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

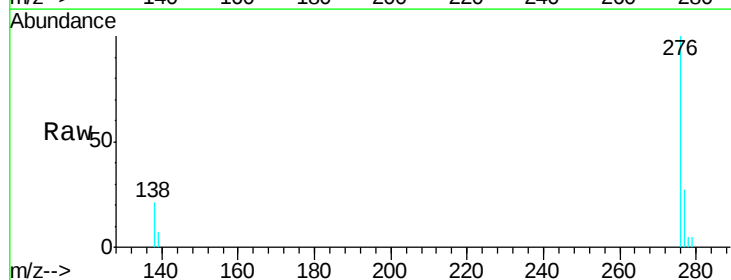
Tgt Ion:276 Resp: 55851

Ion Ratio Lower Upper

276 100

277 26.7 19.8 29.8

138 20.7 15.1 22.7



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

