

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008028.D
 Acq On : 05 Oct 2019 16:28
 Operator : JU
 Sample : K5078-19MSDRE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 07 00:14:57 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	4491	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	17345	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	10915	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	21557	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	22461	0.40	ng	-0.02
34) Perylene-d12	23.46	264	23940	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	3242	0.21	ng	0.00
5) Phenol-d6	6.87	99	4195	0.21	ng	0.00
8) Nitrobenzene-d5	8.82	82	3919	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7525	0.26	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	1373	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	9529	0.21	ng	-0.02
25) Fluoranthene-d10	19.09	212	16361	0.23	ng	-0.02
29) Terphenyl-d14	19.69	244	13811	0.25	ng	-0.02

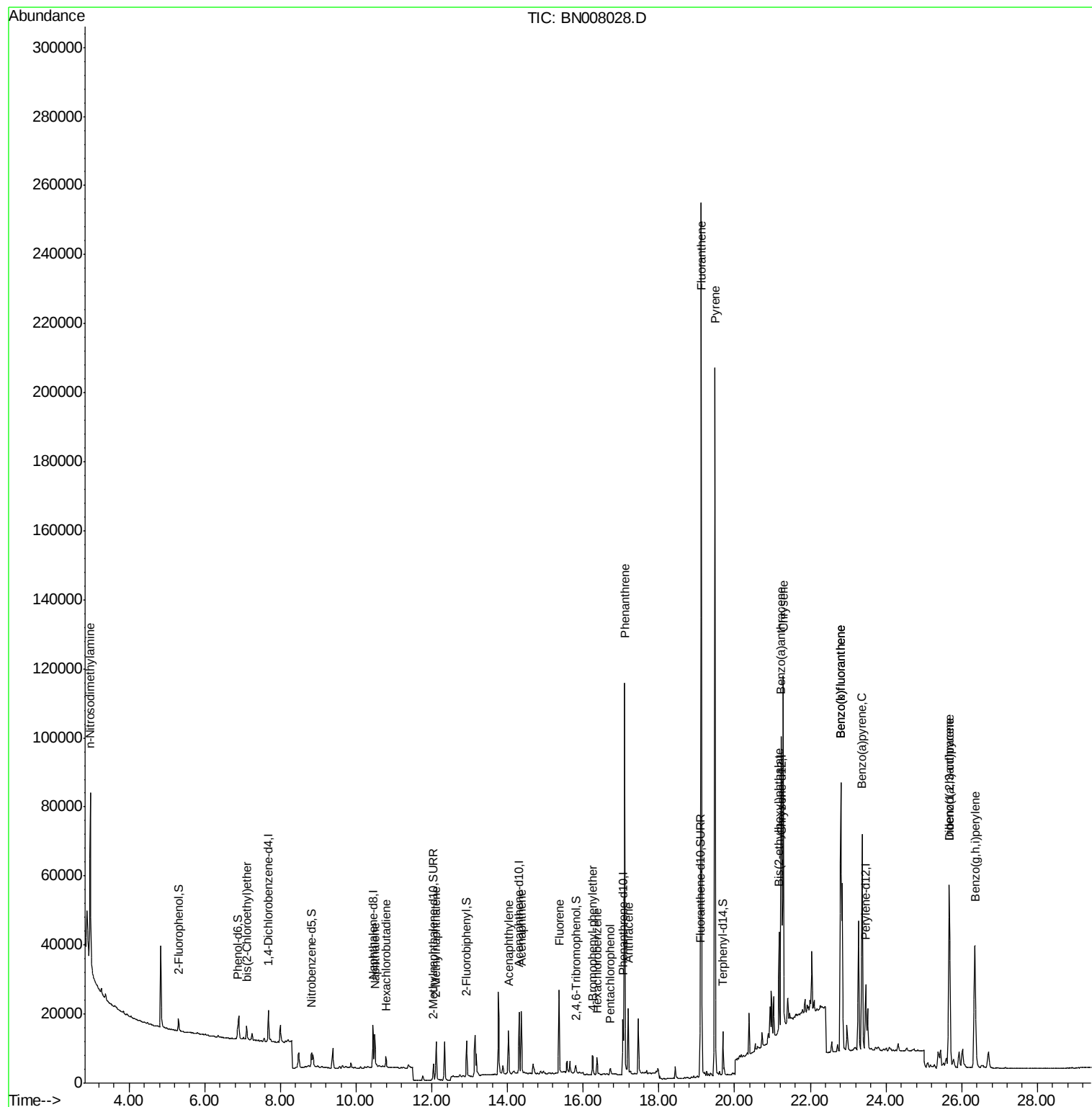
Target Compounds					Qvalue	
3) n-Nitrosodimethylamine	2.97	42	5871	2.561	ng	86
6) bis(2-Chloroethyl)ether	7.11	93	3589	0.282	ng	92
9) Naphthalene	10.49	128	12812	0.263	ng	97
10) Hexachlorobutadiene	10.79	225	2672	0.261	ng	# 99
12) 2-Methylnaphthalene	12.11	142	8567	0.260	ng	98
16) Acenaphthylene	14.02	152	15696	0.271	ng	100
17) Acenaphthene	14.37	154	10407	0.279	ng	99
18) Fluorene	15.36	166	13753	0.288	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	3387	0.259	ng	97
21) Hexachlorobenzene	16.37	284	3741	0.262	ng	97
22) Pentachlorophenol	16.72	266	1178	0.223	ng	98
23) Phenanthrene	17.09	178	117976	1.757	ng	100
24) Anthracene	17.19	178	23260	0.384	ng	99
26) Fluoranthene	19.12	202	227117	2.720	ng	100
28) Pyrene	19.48	202	186445	2.434	ng	97
30) Benzo(a)anthracene	21.23	228	87600	1.059	ng	98
31) Chrysene	21.28	228	91092	1.130	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	19025	0.447	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	75760	0.751	ng	96
35) Benzo(b)fluoranthene	22.80	252	117000	1.408	ng	# 96
36) Benzo(k)fluoranthene	22.80	252	117000	1.424	ng	97
37) Benzo(a)pyrene	23.37	252	85500	1.095	ng	# 96
38) Dibenzo(a,h)anthracene	25.68	278	30567	0.382	ng	# 87
39) Benzo(g,h,i)perylene	26.35	276	73722	0.932	ng	98

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
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QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 602

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

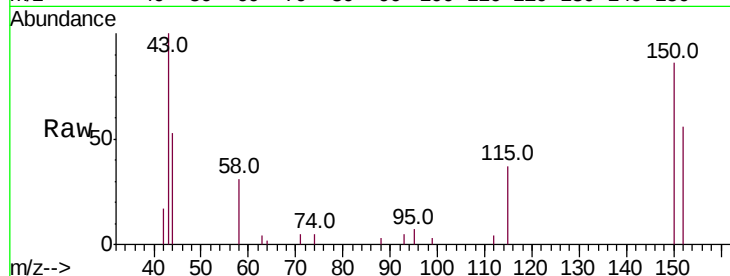
Tot Ion:152 Resp: 4491

Ion Ratio Lower Upper

152 100

150 152.4 125.6 188.4

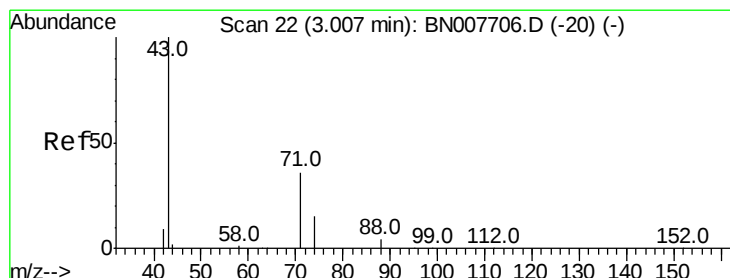
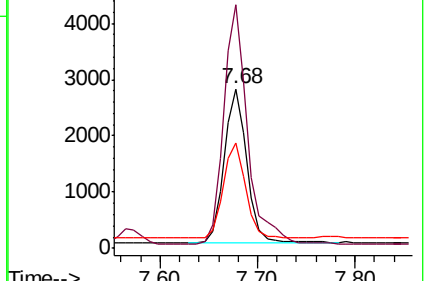
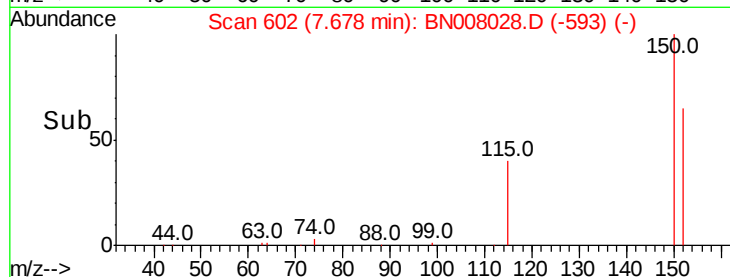
115 65.8 53.3 79.9



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



#3

n-Nitrosodimethylamine

Concen: 2.561 ng

RT: 2.97 min Scan# 18

Delta R.T. -0.03 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

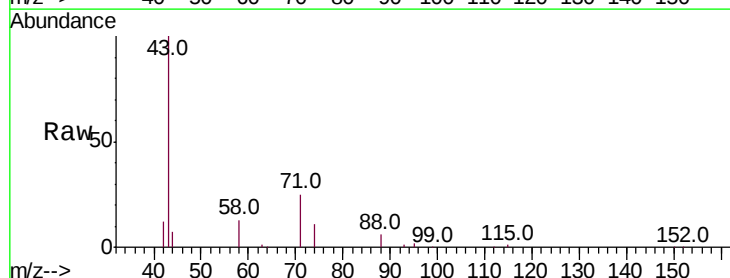
Tgt Ion: 42 Resp: 5871

Ion Ratio Lower Upper

42 100

74 126.7 87.9 131.9

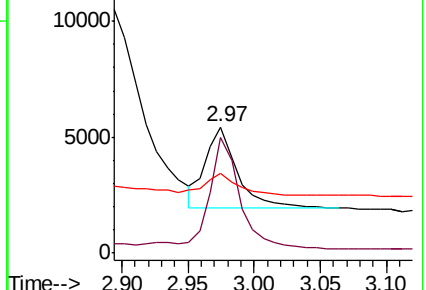
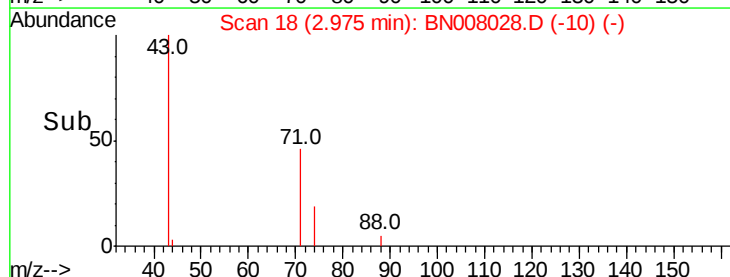
44 31.2 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.210 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

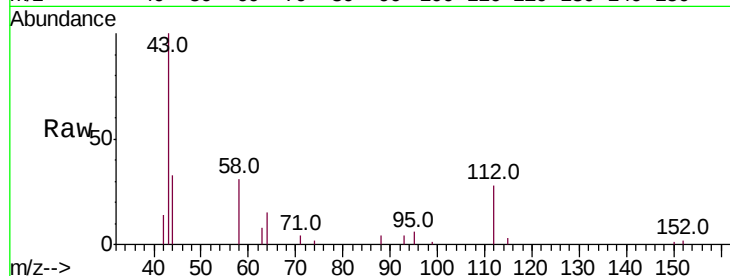
Tot Ion:112 Resp: 3242

Ion Ratio Lower Upper

112 100

64 59.4 46.6 70.0

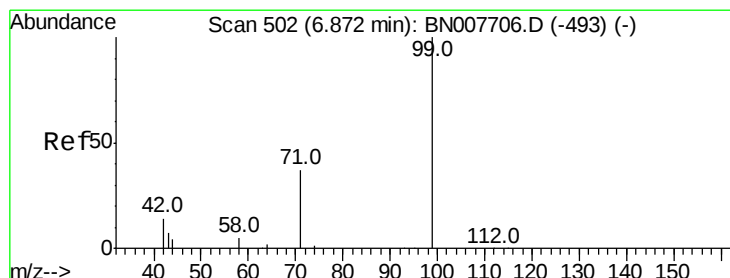
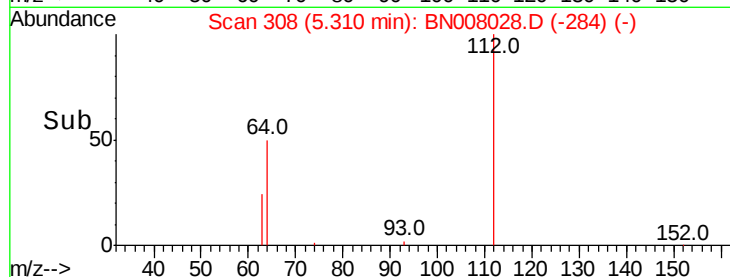
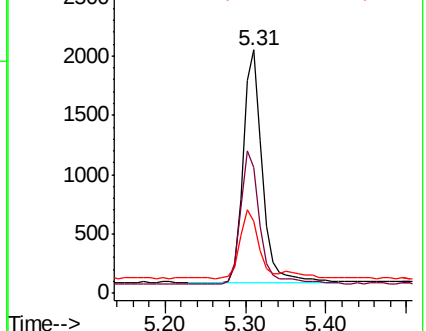
63 28.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.215 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

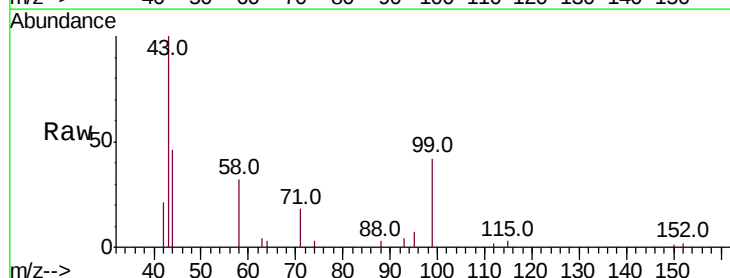
Tgt Ion: 99 Resp: 4195

Ion Ratio Lower Upper

99 100

42 24.1 12.8 19.2#

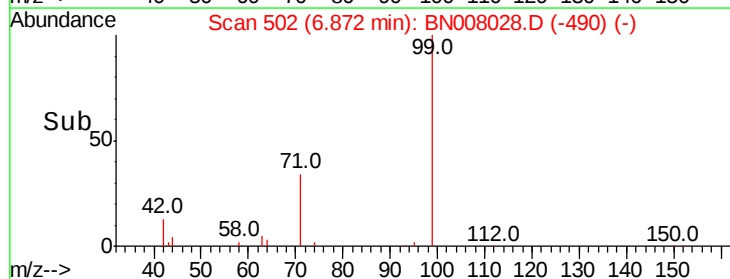
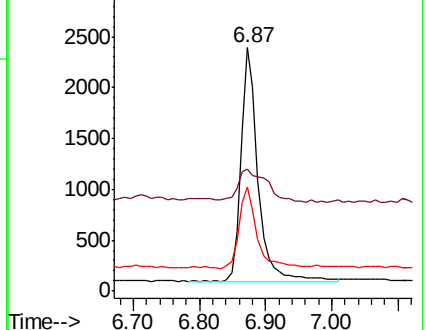
71 36.1 27.6 41.4

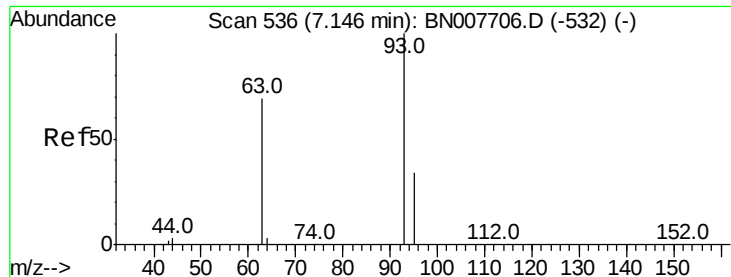


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.282 ng

RT: 7.11 min Scan# 531

Delta R.T. -0.04 min

Lab File: BN008028.D

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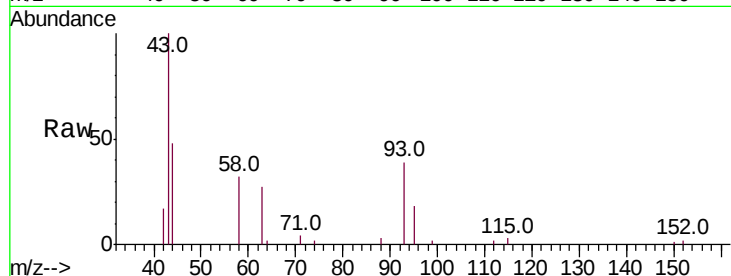
Tot Ion: 93 Resp: 3589

Ion Ratio Lower Upper

93 100

63 68.2 59.3 88.9

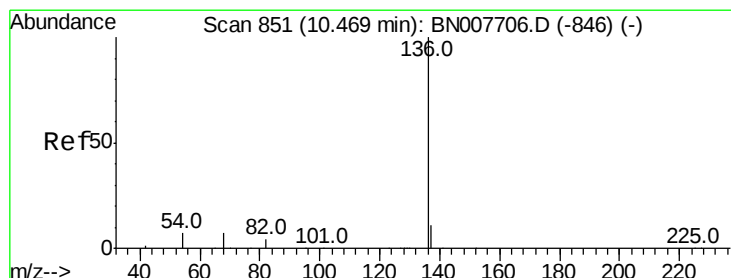
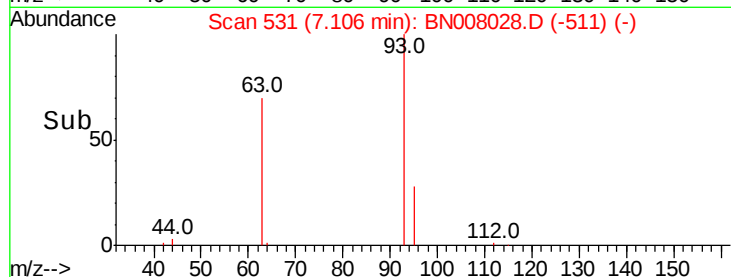
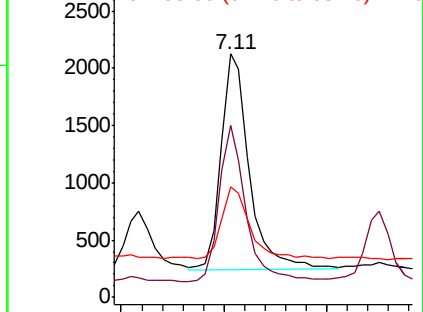
95 32.8 31.4 47.0



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: BN008028.D

Acq: 05 Oct 2019 16:28

Tgt Ion: 136 Resp: 17345

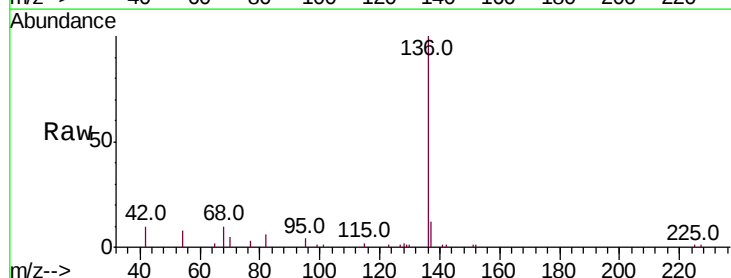
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 8.3 5.8 8.8

68 9.5 6.5 9.7

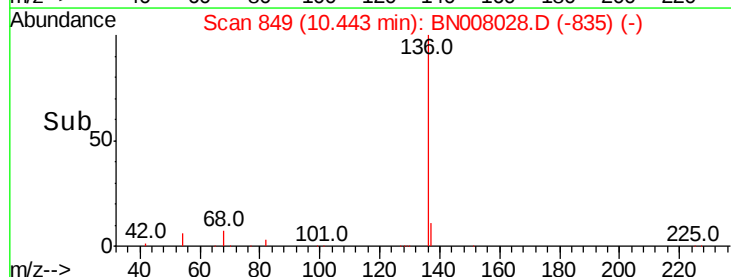
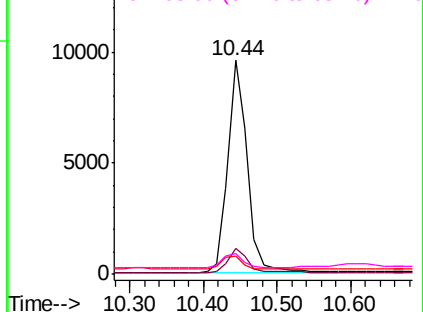


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.258 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

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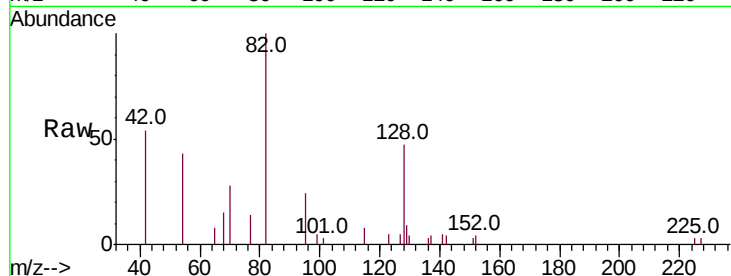
Tot Ion: 82 Resp: 3919

Ion Ratio Lower Upper

82 100

128 47.2 24.5 36.7#

54 43.0 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)

Time-->

8.75 8.80 8.85

8.82

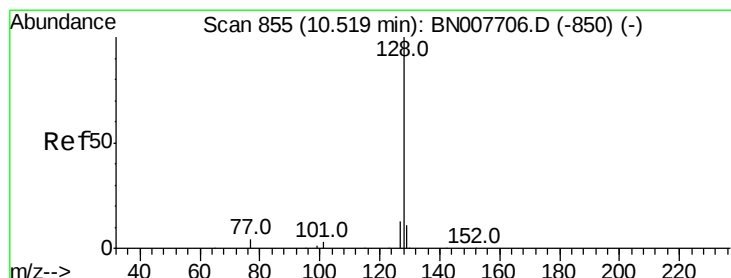
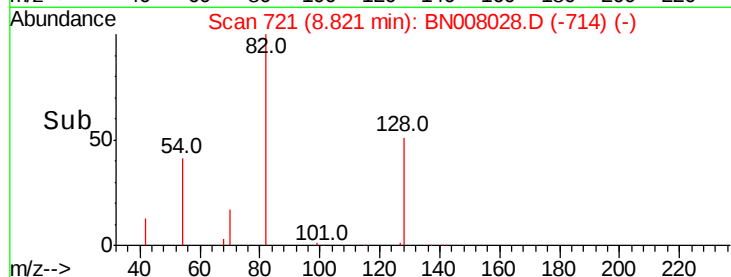
2000

1500

1000

500

0



#9

Naphthalene

Concen: 0.263 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

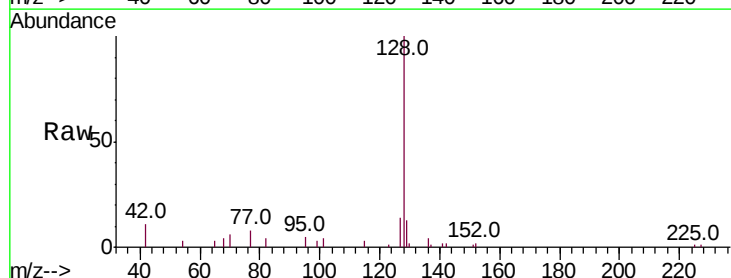
Tgt Ion: 128 Resp: 12812

Ion Ratio Lower Upper

128 100

129 12.9 9.1 13.7

127 14.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): BN007706.D (-850) (-)

Ion 129.00 (128.70 to 129.70): BN007706.D (-850) (-)

Ion 127.00 (126.70 to 127.70): BN007706.D (-850) (-)

Time-->

10.40 10.45 10.50

10.49

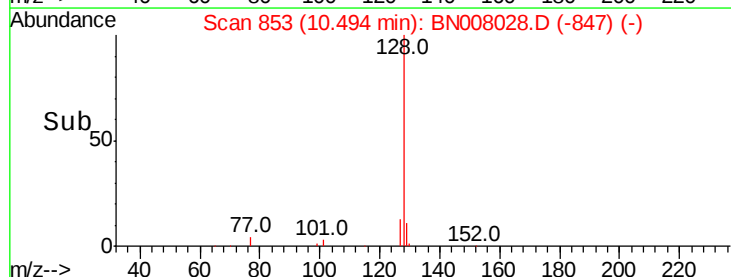
8000

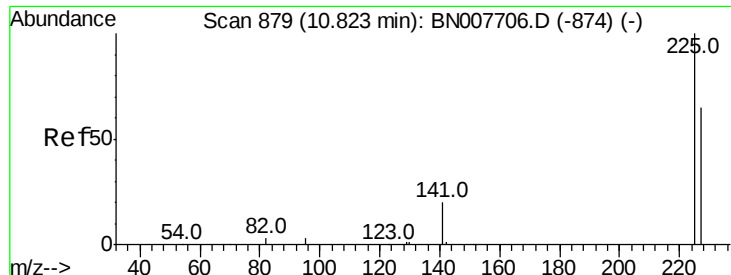
6000

4000

2000

0

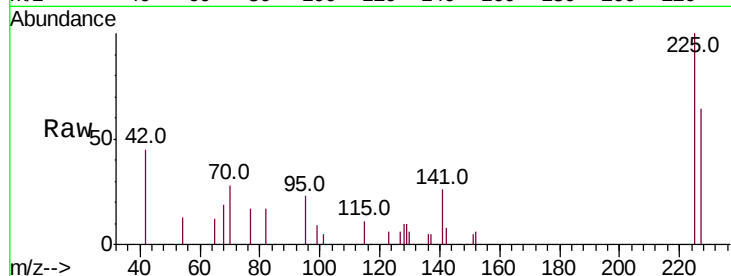




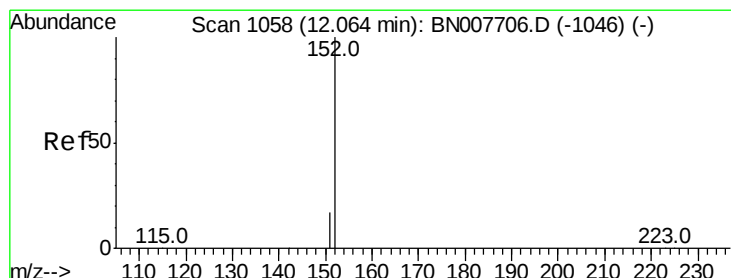
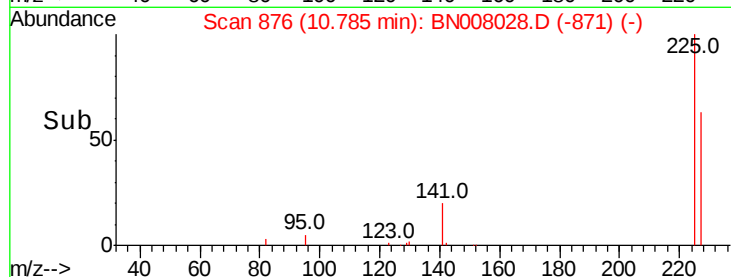
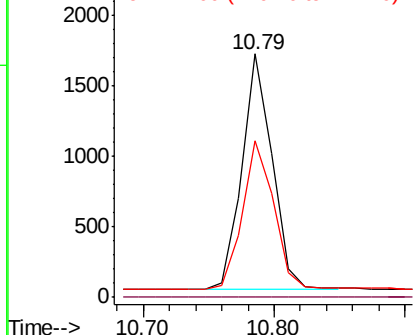
#10
Hexachlorobutadiene
Concen: 0.261 ng
RT: 10.79 min Scan# 876
Delta R.T. -0.04 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

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Tot Ion:225 Resp: 2672
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 51.2 76.8

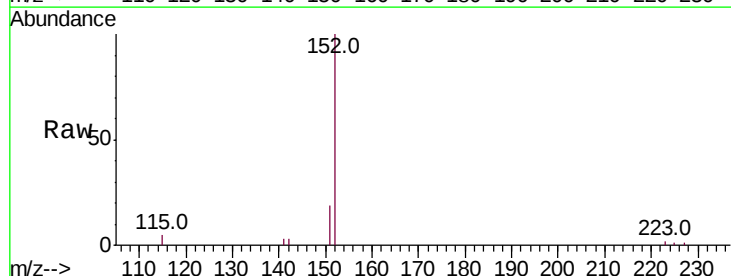


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

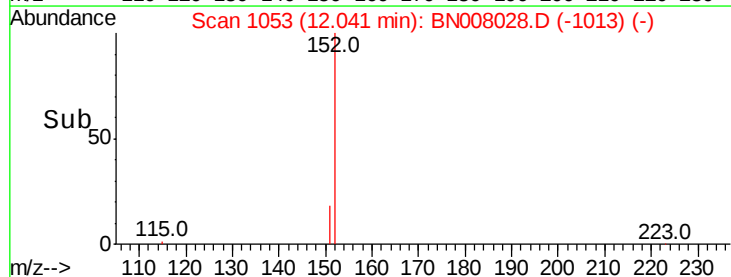
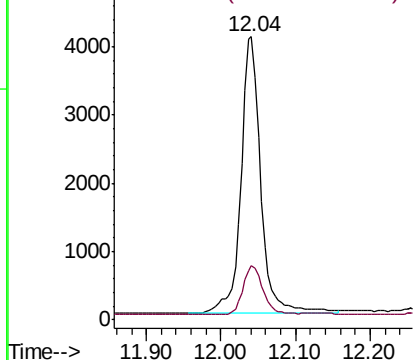


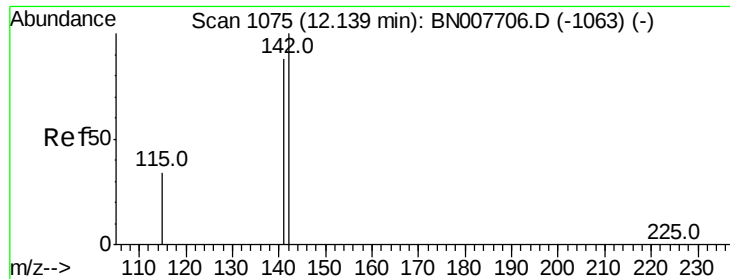
#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

Tgt Ion:152 Resp: 7525
Ion Ratio Lower Upper
152 100
151 17.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

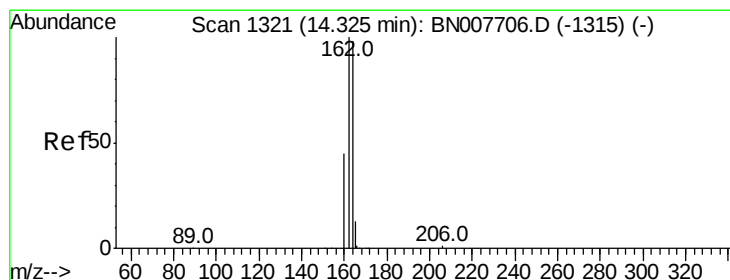
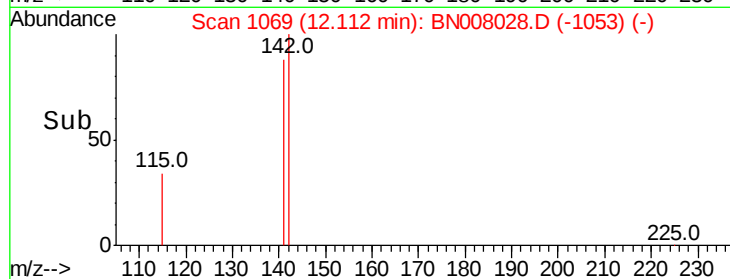
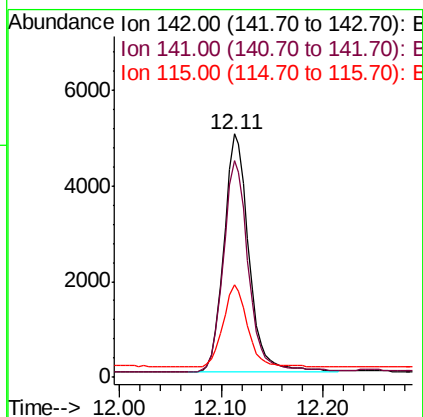
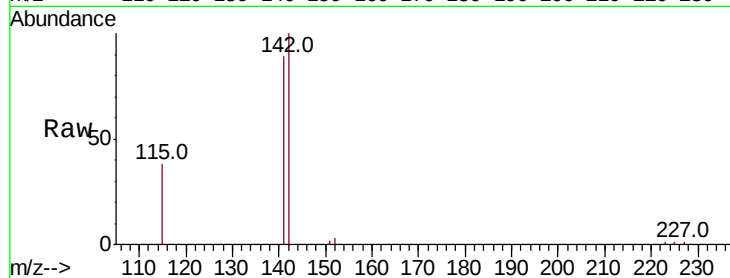




#12
2-Methylnaphthalene
Concen: 0.260 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

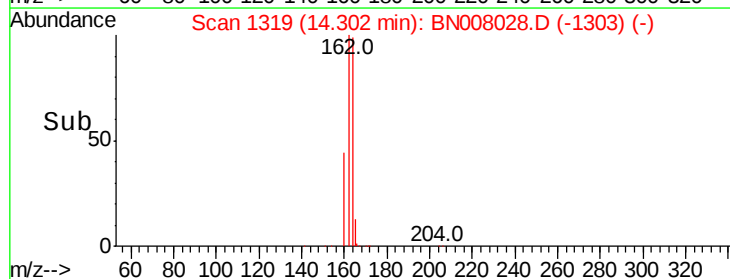
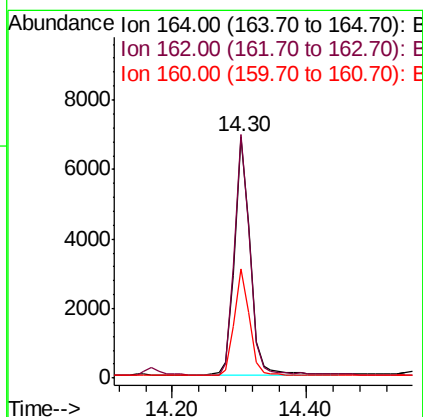
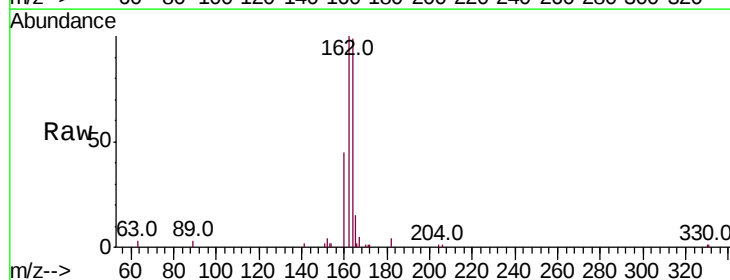
Instrument :
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PST-024-SW134-092519MSD

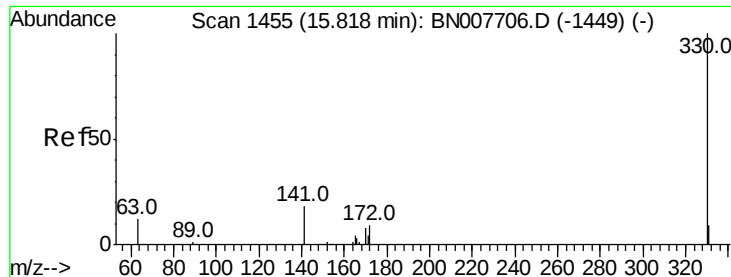
Tot Ion:142 Resp: 8567
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0
115 37.9 28.3 42.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

Tgt Ion:164 Resp: 10915
Ion Ratio Lower Upper
164 100
162 100.8 81.7 122.5
160 45.0 37.0 55.4

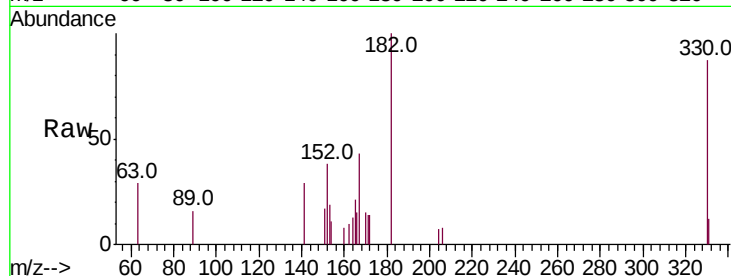




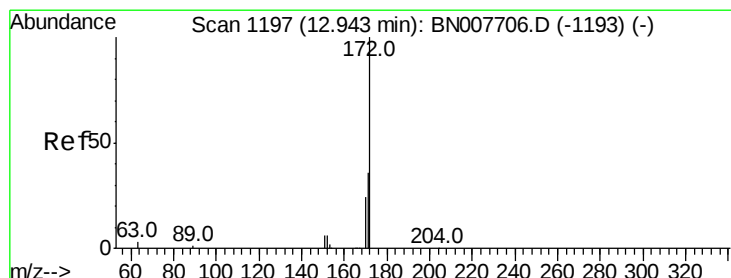
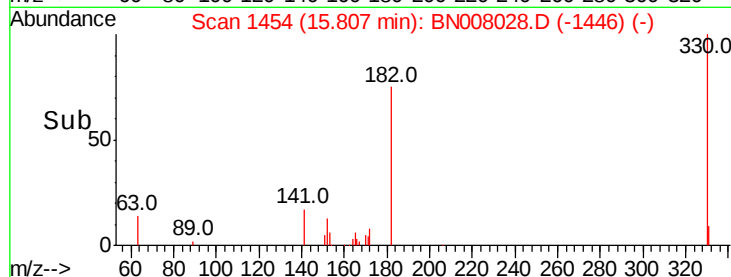
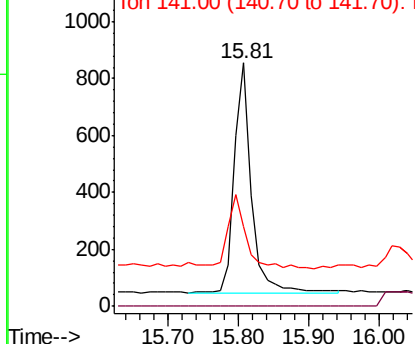
#14
 2,4,6-Tribromophenol
 Concen: 0.231 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN008028.D
 Acq: 05 Oct 2019 16:28

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

Tot Ion:330 Resp: 1373
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.7 28.7 43.1

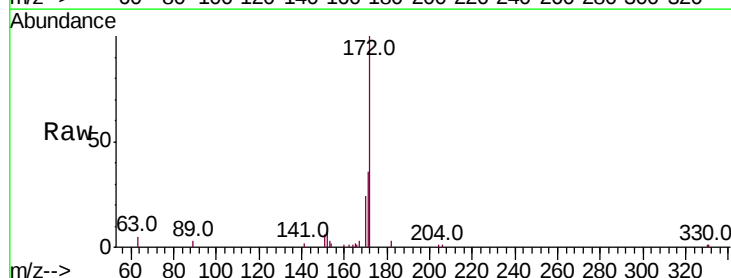


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

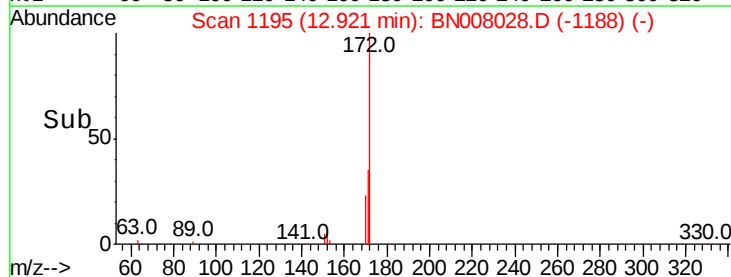
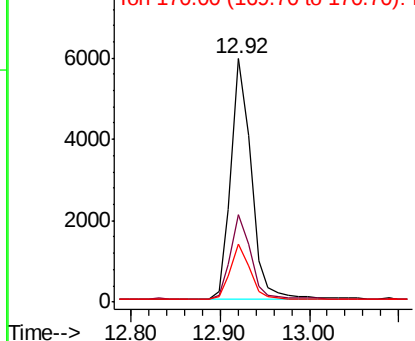


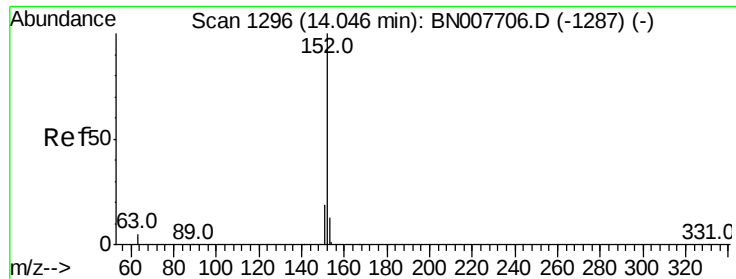
#15
 2-Fluorobiphenyl
 Concen: 0.212 ng
 RT: 12.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008028.D
 Acq: 05 Oct 2019 16:28

Tgt Ion:172 Resp: 9529
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 23.9 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

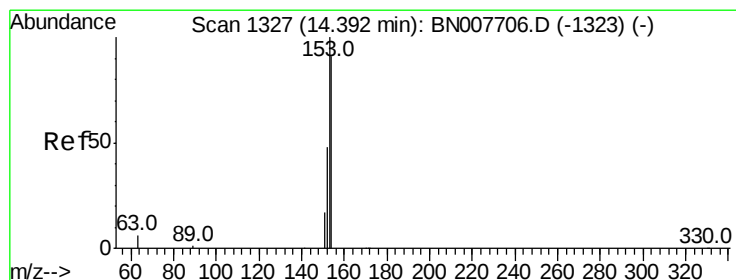
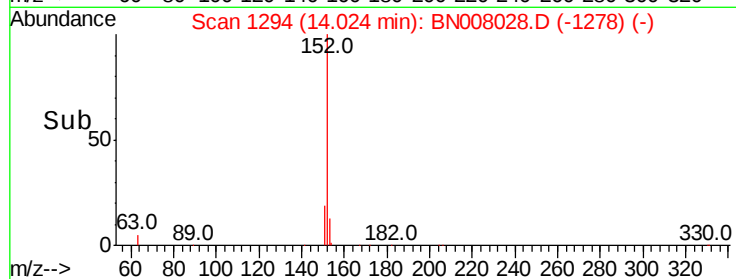
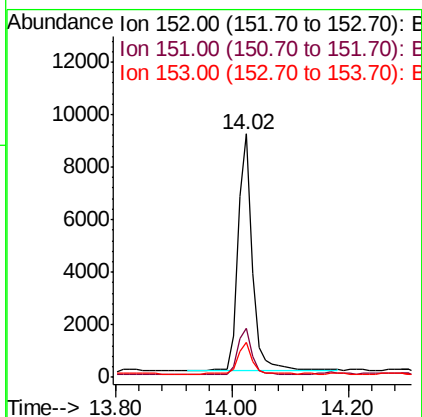
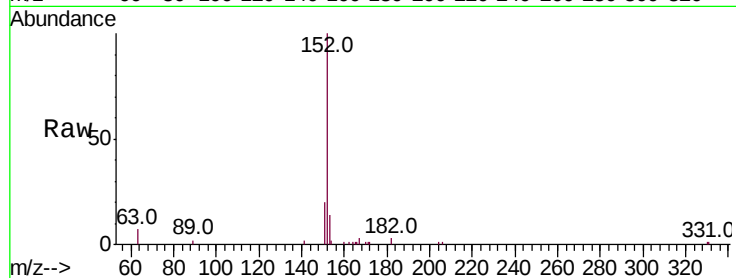




#16
Acenaphthylene
Concen: 0.271 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

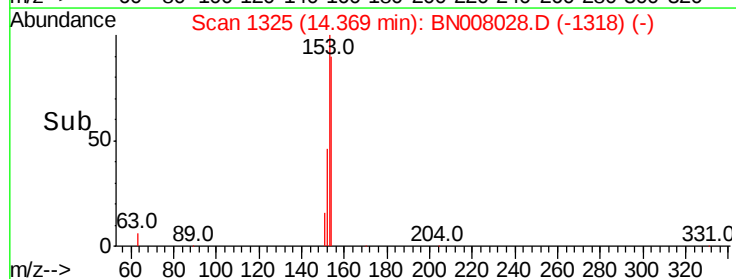
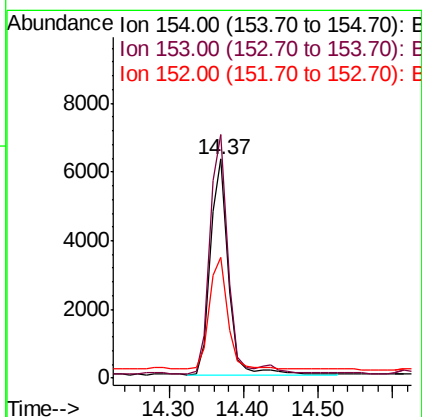
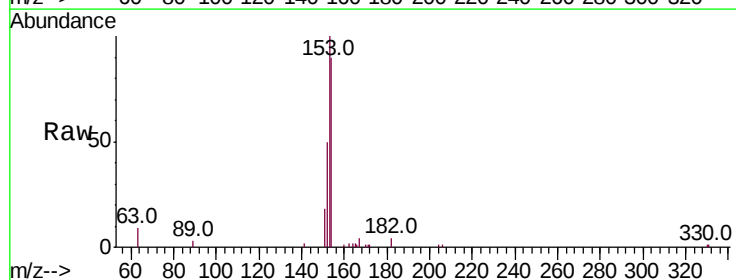
Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MSD

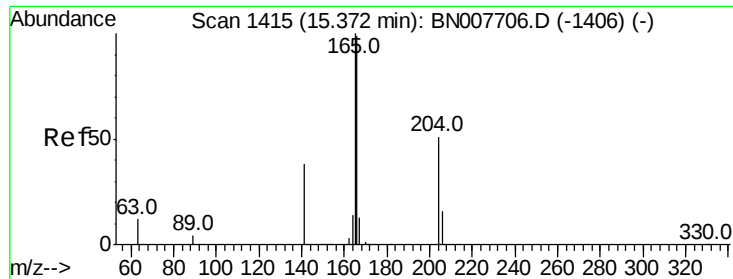
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.1	10.4	15.6



#17
Acenaphthene
Concen: 0.279 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	87.0	130.4
152	53.0	42.7	64.1





#18

Fluorene

Concen: 0.288 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

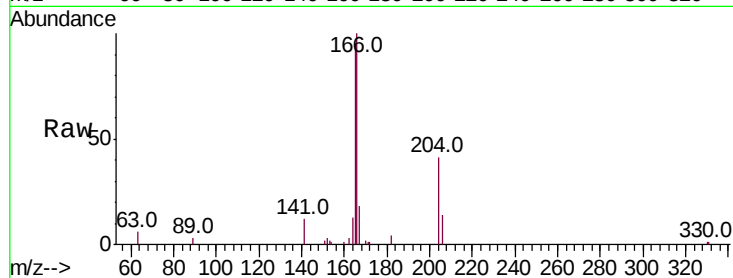
Tot Ion:166 Resp: 13753

Ion Ratio Lower Upper

166 100

165 96.2 78.0 117.0

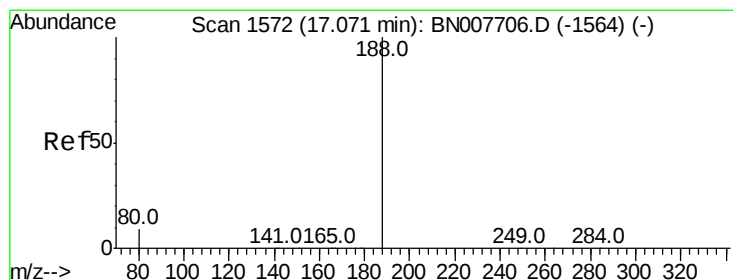
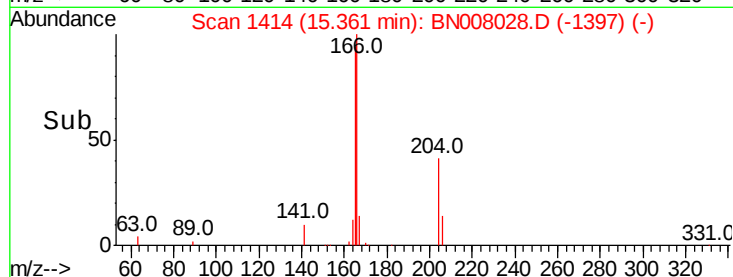
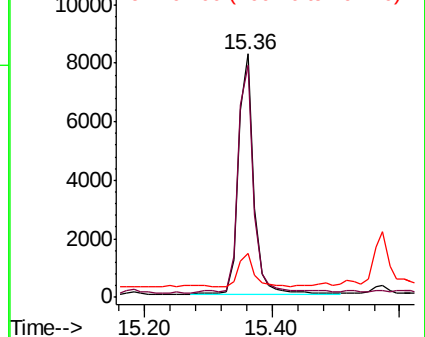
167 13.7 10.9 16.3



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: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

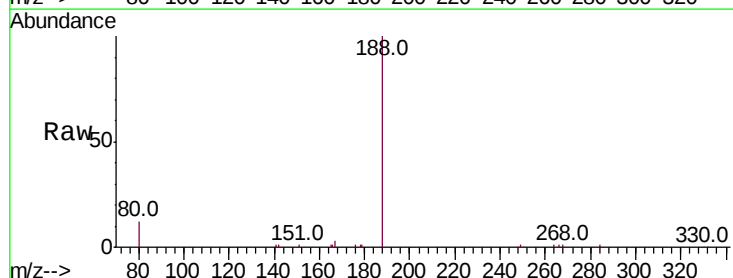
Tgt Ion:188 Resp: 21557

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

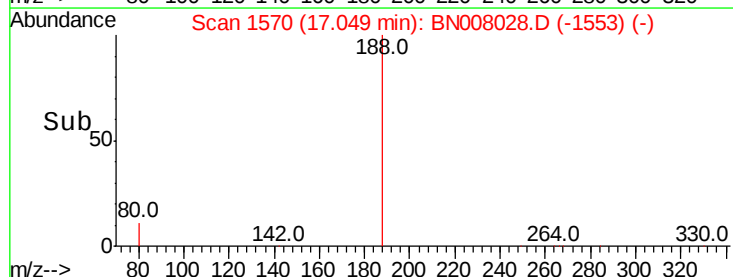
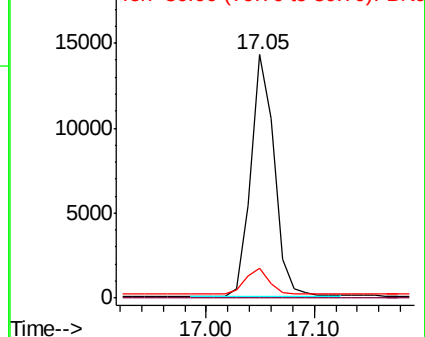
80 12.3 7.4 11.2#

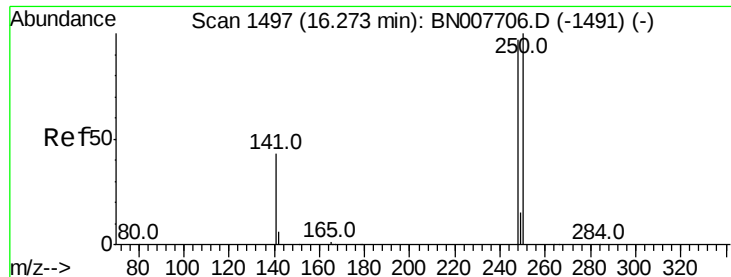


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.259 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

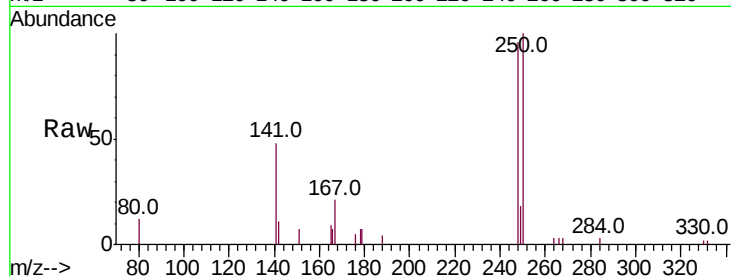
Tot Ion:248 Resp: 3387

Ion Ratio Lower Upper

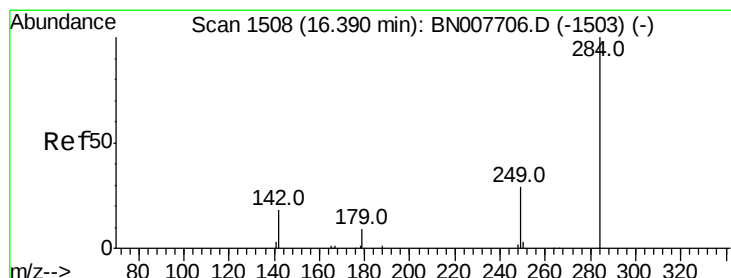
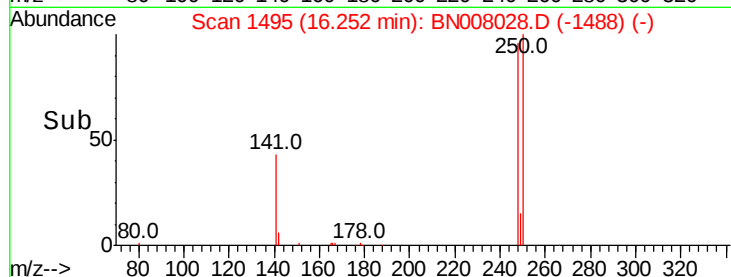
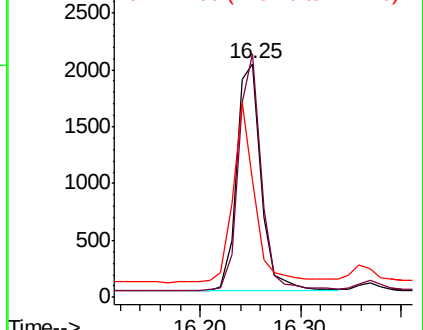
248 100

250 104.3 82.2 123.4

141 50.3 36.3 54.5



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



#21

Hexachlorobenzene

Concen: 0.262 ng

RT: 16.37 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

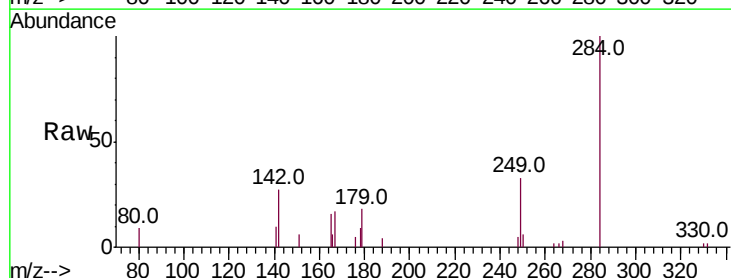
Tgt Ion:284 Resp: 3741

Ion Ratio Lower Upper

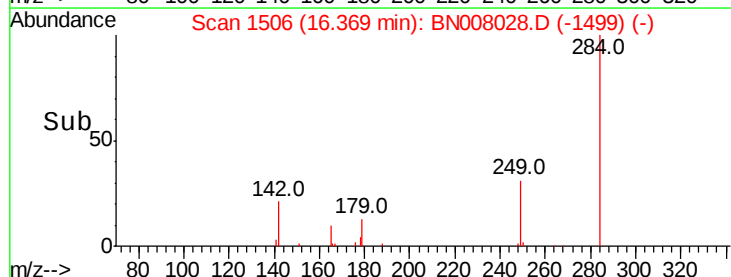
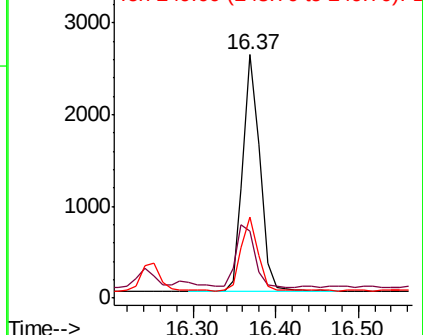
284 100

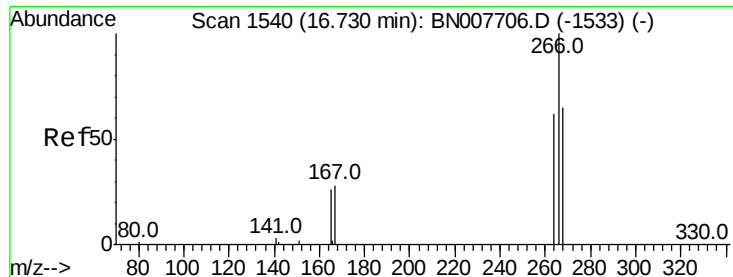
142 29.0 25.8 38.6

249 31.9 25.9 38.9



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





#22

Pentachlorophenol

Concen: 0.223 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

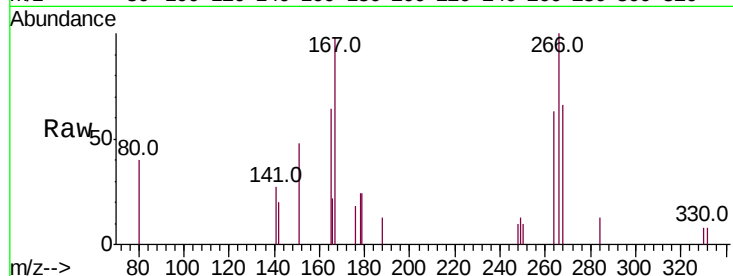
Tot Ion:266 Resp: 1178

Ion Ratio Lower Upper

266 100

264 63.2 50.0 75.0

268 66.0 54.2 81.4



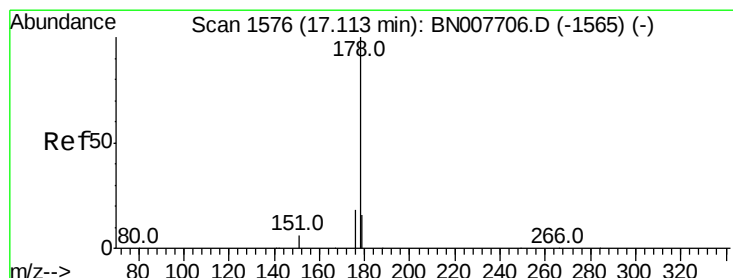
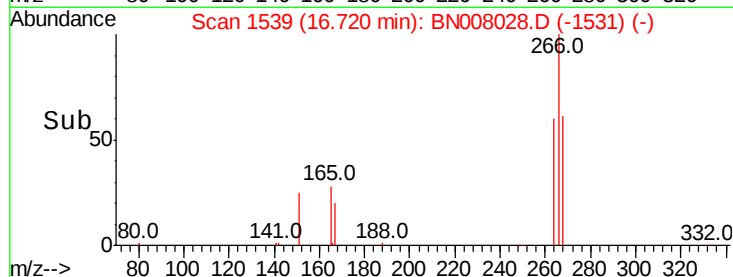
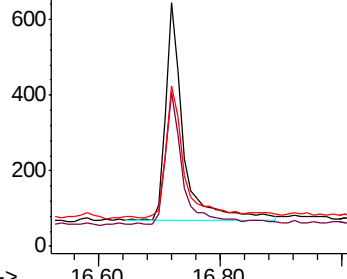
Abundance

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

16.72



#23

Phenanthrene

Concen: 1.757 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

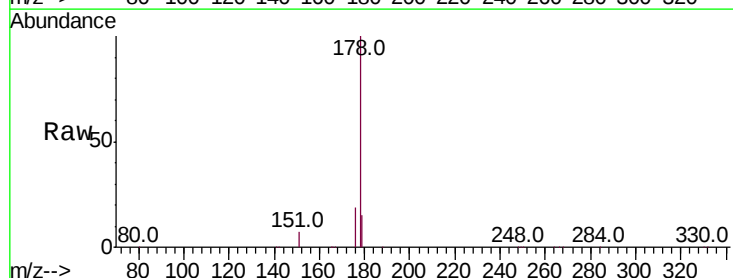
Tgt Ion:178 Resp: 117976

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.3 12.5 18.7



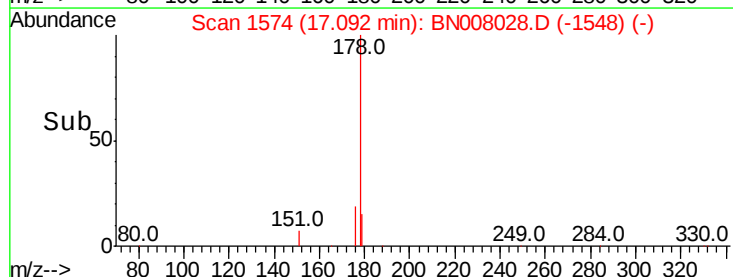
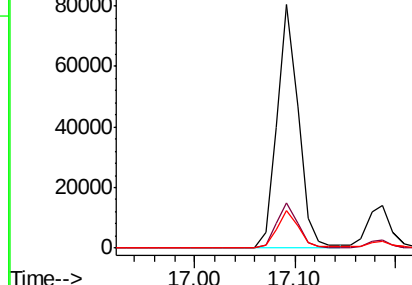
Abundance

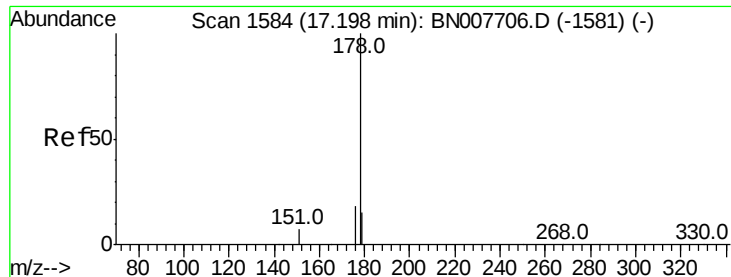
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.09





#24

Anthracene

Concen: 0.384 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

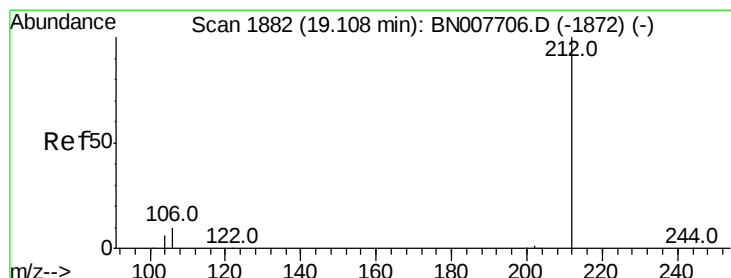
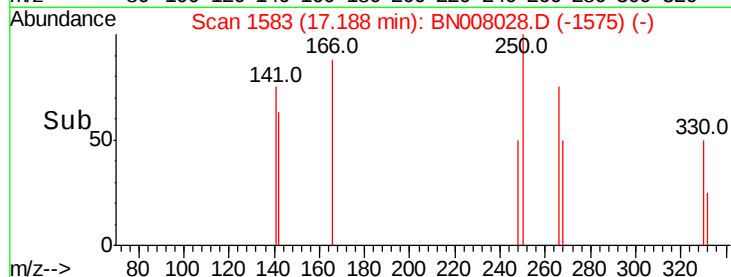
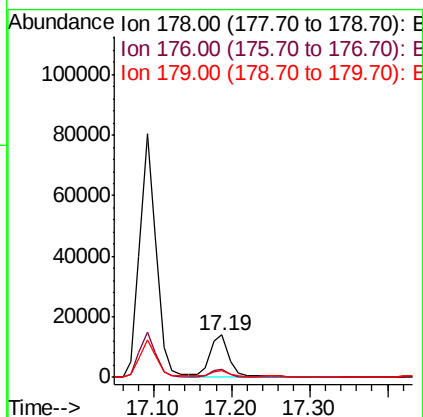
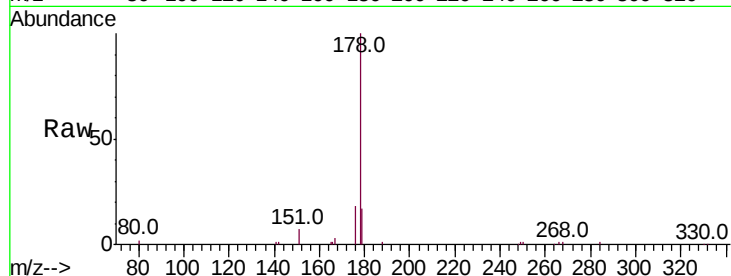
Tot Ion:178 Resp: 23260

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

179 15.8 12.2 18.4



#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

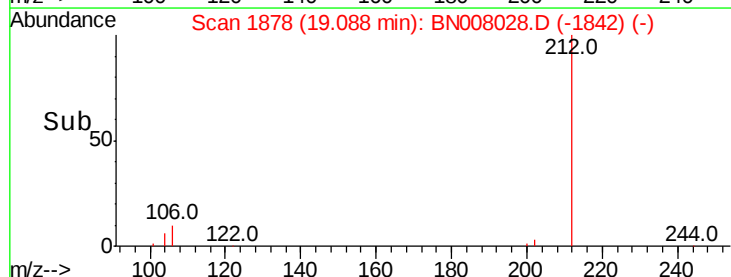
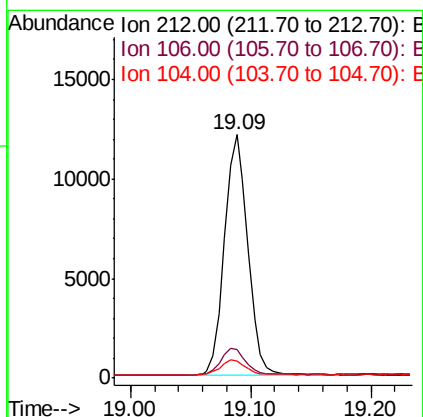
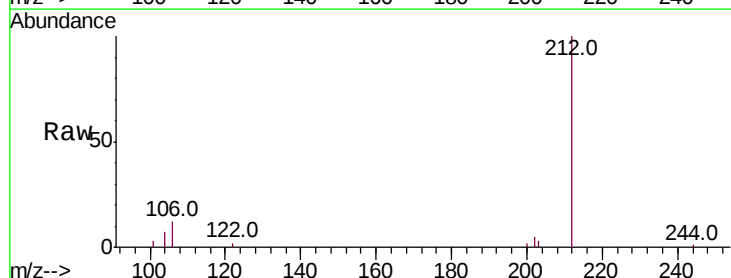
Tgt Ion:212 Resp: 16361

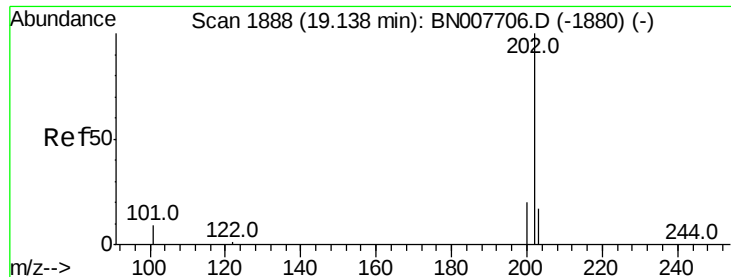
Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

104 6.9 5.3 7.9

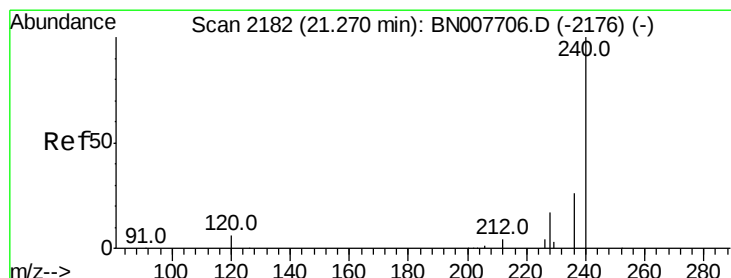
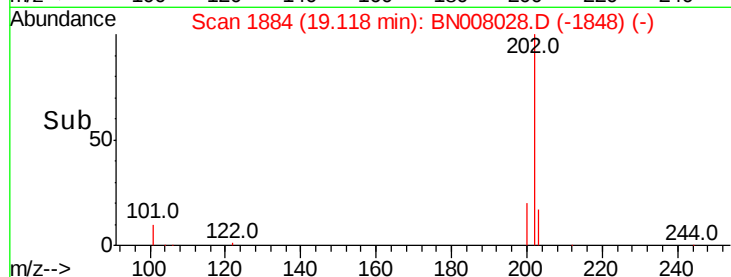
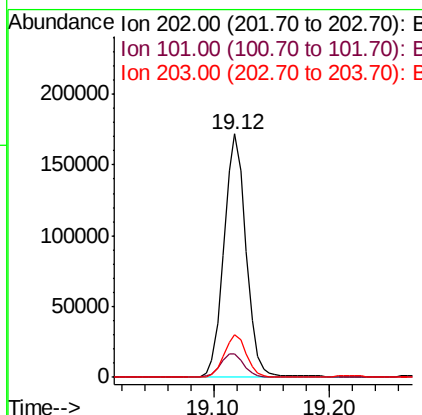
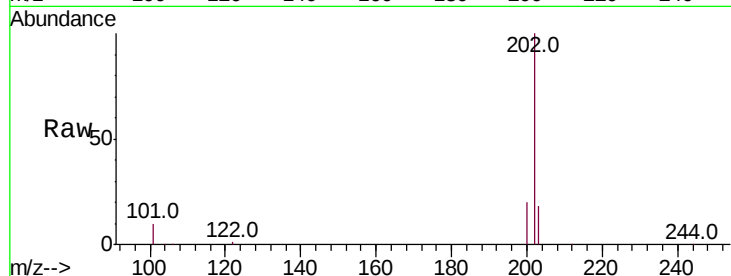




#26
 Fluoranthene
 Concen: 2.720 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.02 min
 Lab File: BN008028.D
 Acq: 05 Oct 2019 16:28

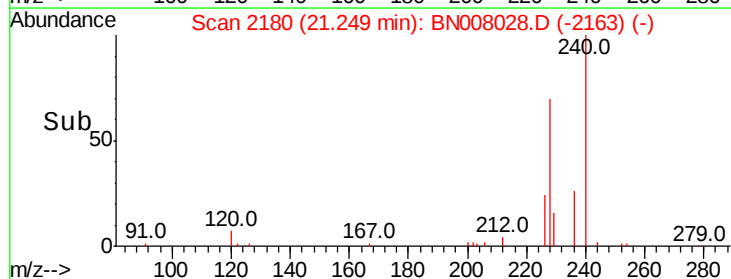
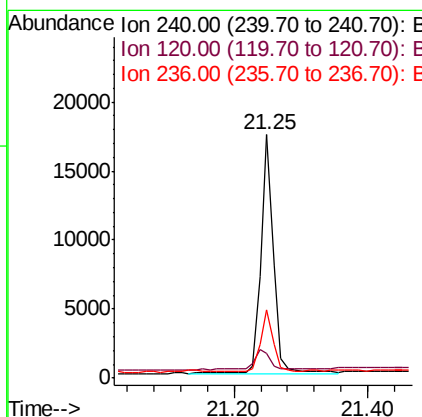
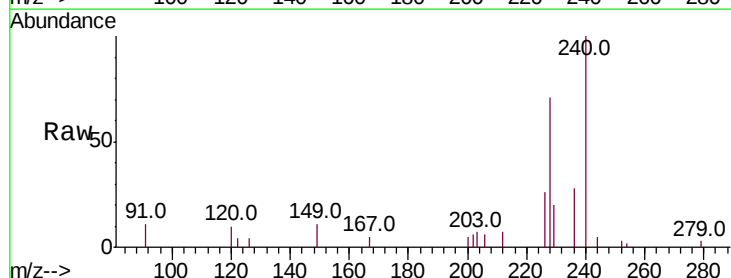
Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW134-092519MSD

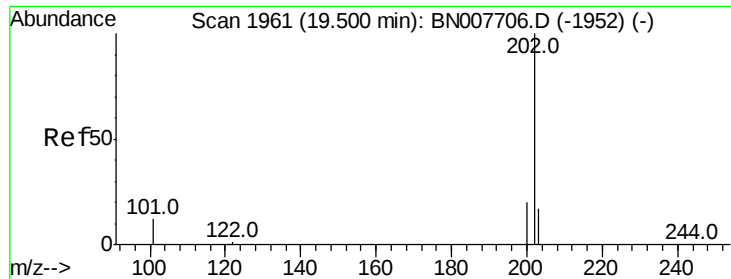
Tot Ion:202 Resp: 227117
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.4 12.6
 203 17.3 13.8 20.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN008028.D
 Acq: 05 Oct 2019 16:28

Tgt Ion:240 Resp: 22461
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.4 8.2#
 236 28.0 21.0 31.4





#28

Pvrene

Concen: 2.434 ng

RT: 19.48 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

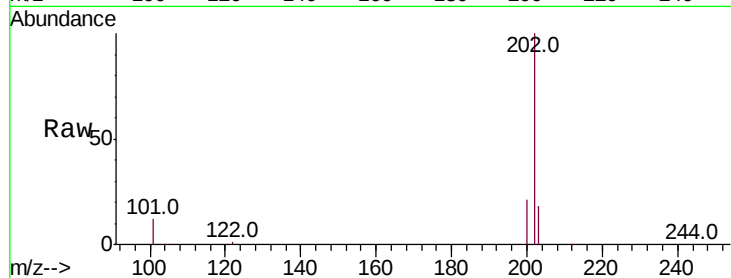
Tot Ion:202 Resp: 186445

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

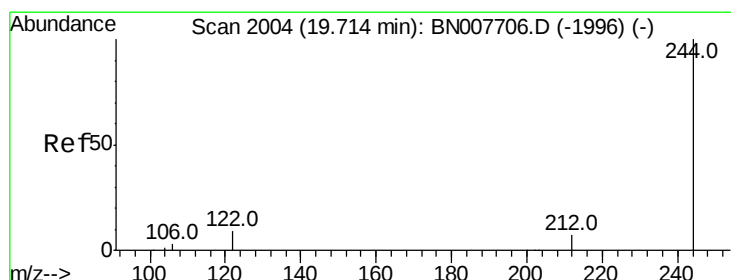
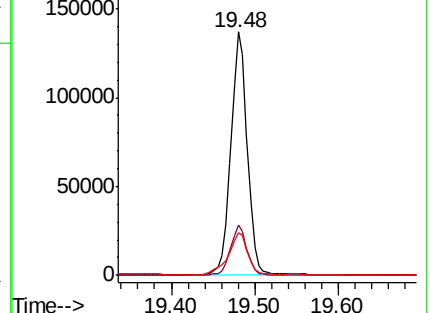
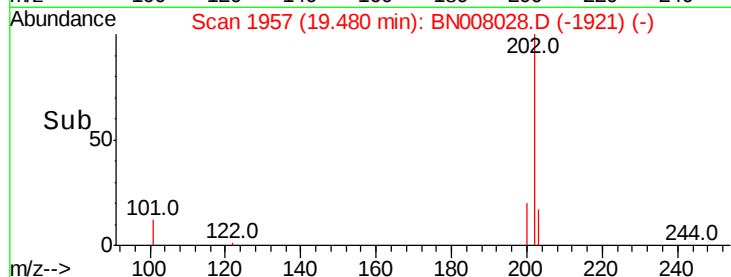
203 20.5 14.1 21.1



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



#29

Terphenyl-d14

Concen: 0.250 ng

RT: 19.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

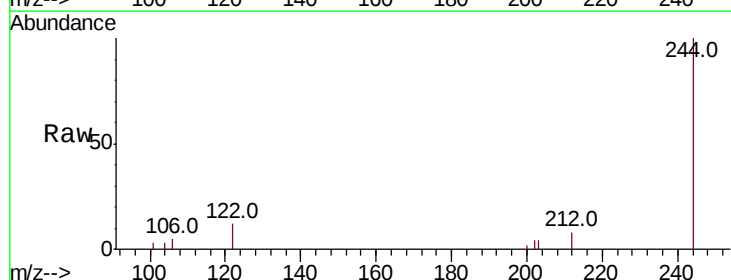
Tgt Ion:244 Resp: 13811

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

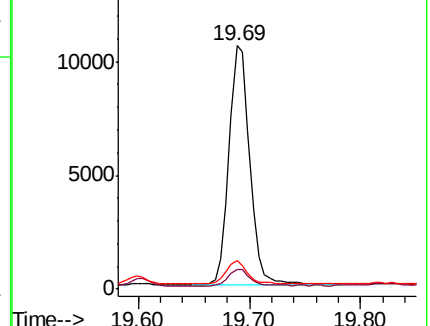
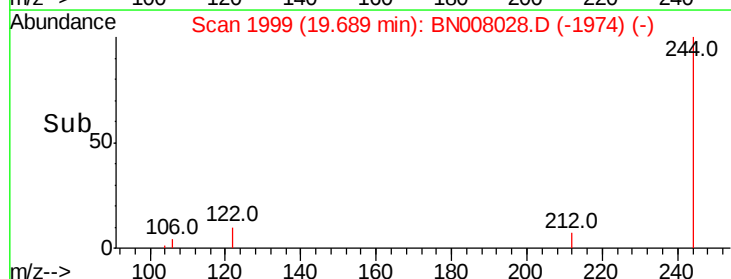
122 11.7 7.4 11.2#

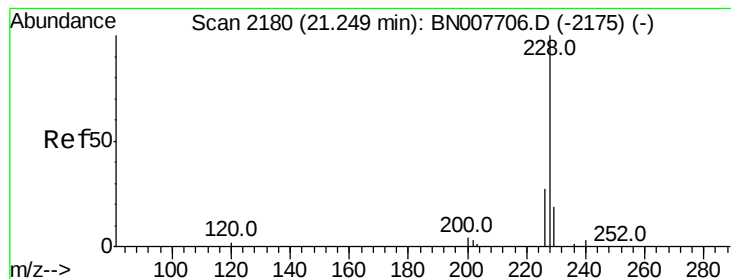


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 1.059 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

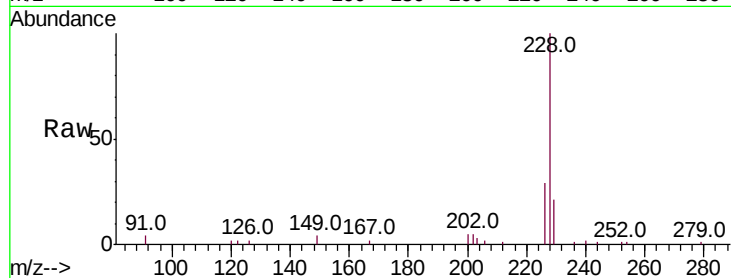
Tot Ion:228 Resp: 87600

Ion Ratio Lower Upper

228 100

226 28.6 22.1 33.1

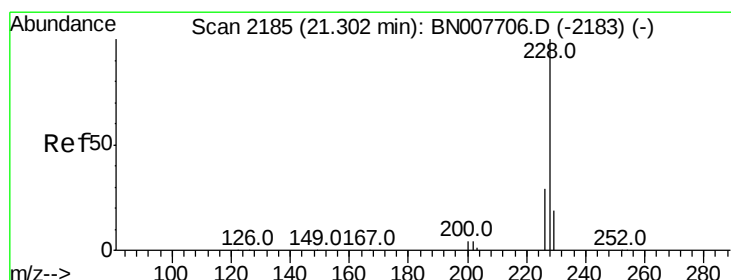
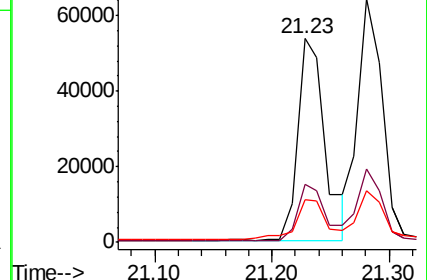
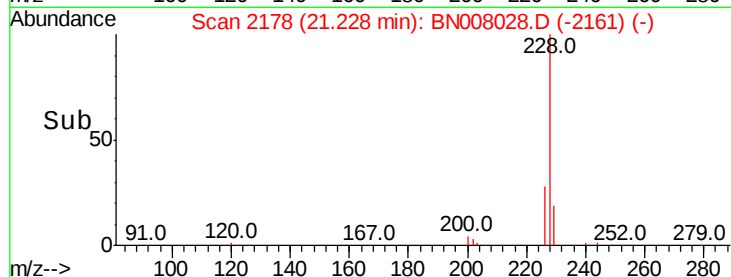
229 20.7 15.8 23.6



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: 1.130 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

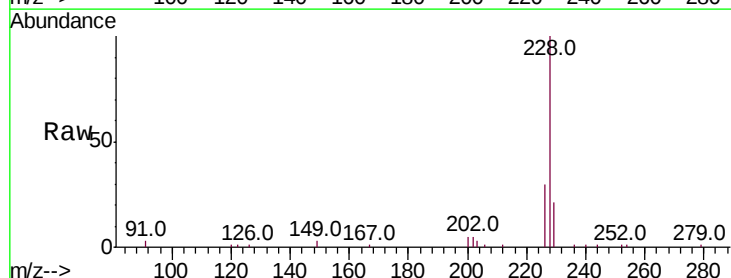
Tgt Ion:228 Resp: 91092

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

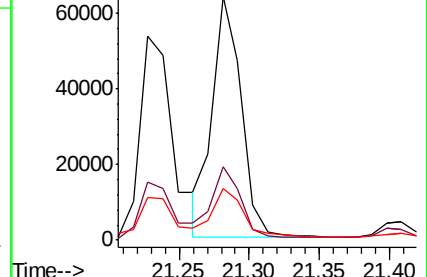
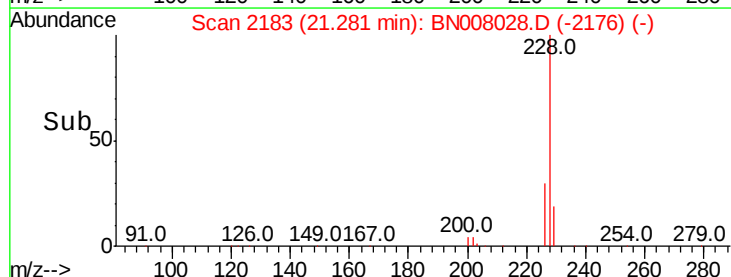
229 21.3 15.8 23.6

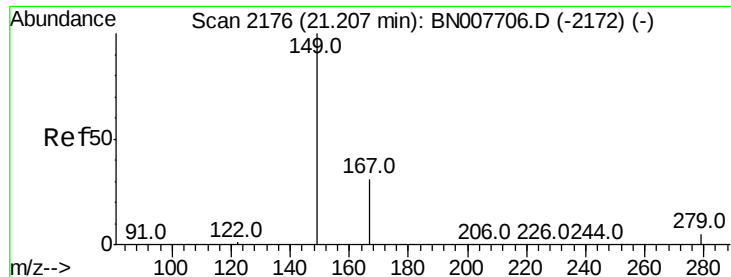


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.447 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MSD

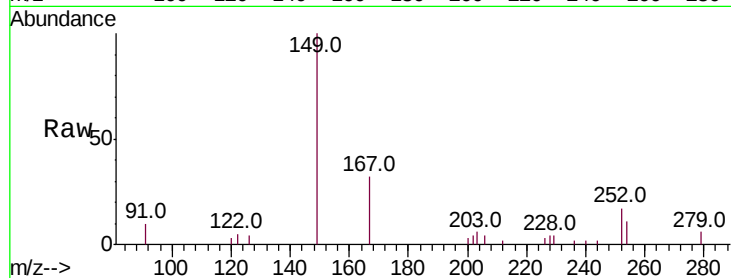
Tot Ion:149 Resp: 19025

Ion Ratio Lower Upper

149 100

167 29.7 23.7 35.5

279 6.0 4.2 6.2

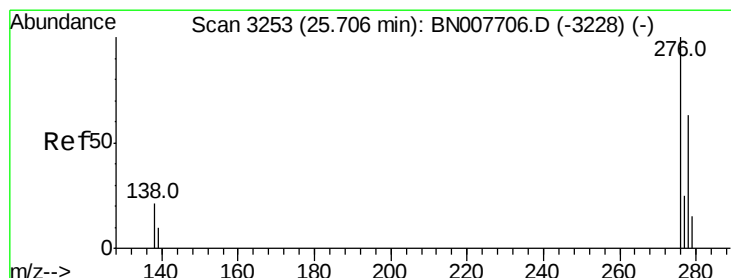
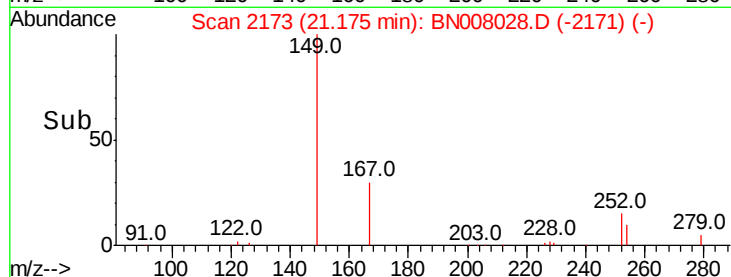
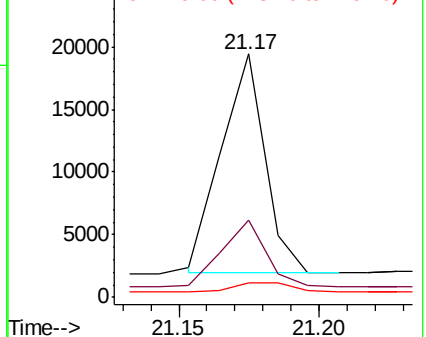


Abundance

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: 0.751 ng

RT: 25.67 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BN008028.D

Acq: 05 Oct 2019 16:28

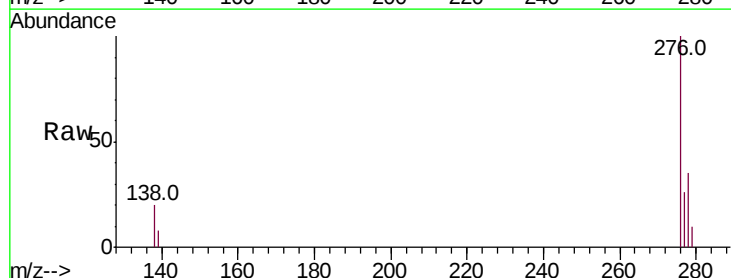
Tgt Ion:276 Resp: 75760

Ion Ratio Lower Upper

276 100

138 17.4 17.1 25.7

277 24.6 20.0 30.0

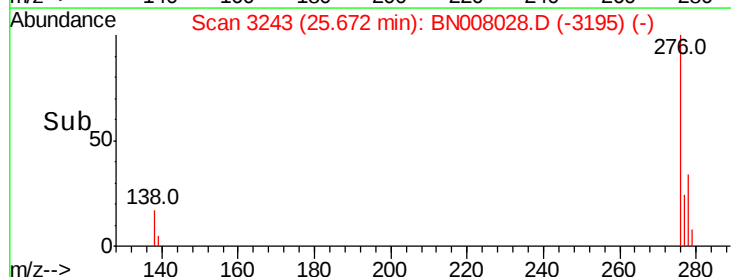
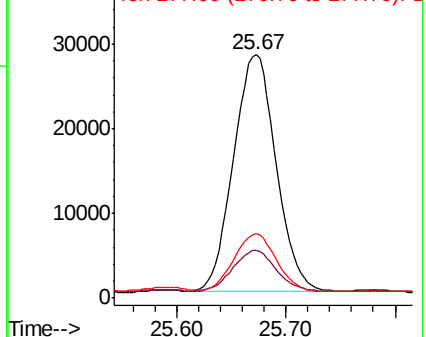


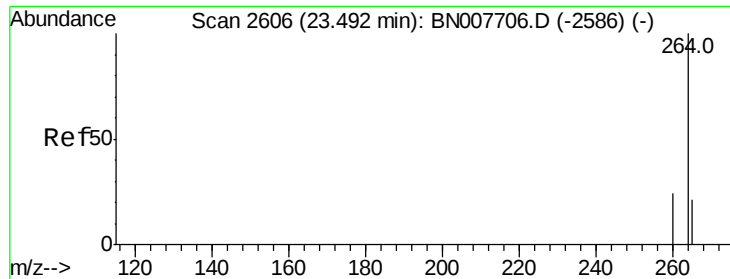
Abundance

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

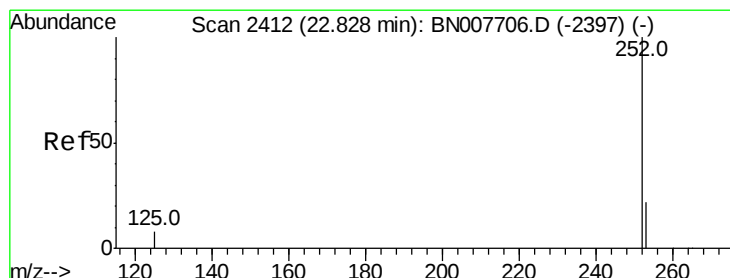
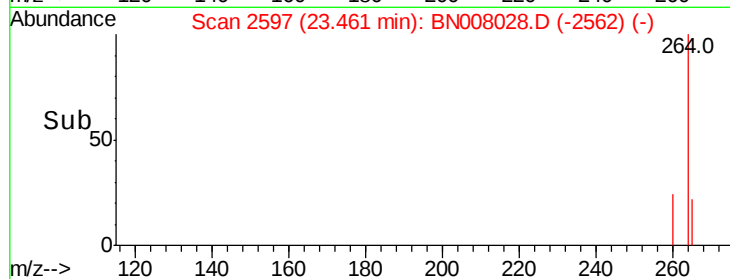
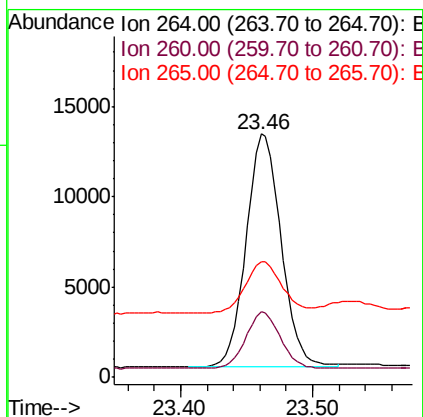
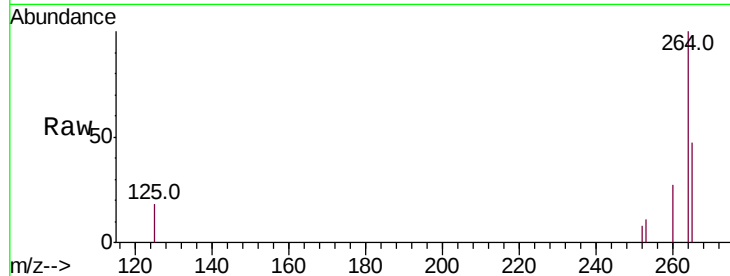




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

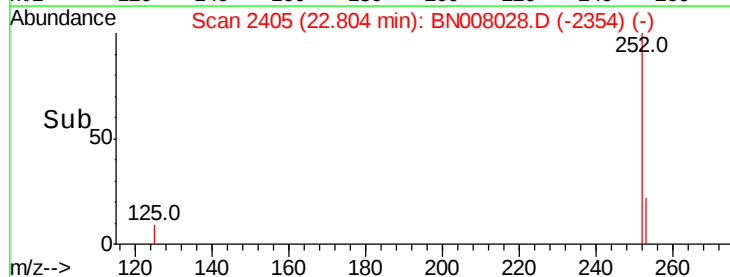
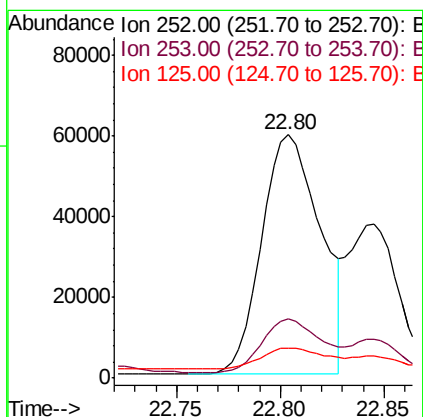
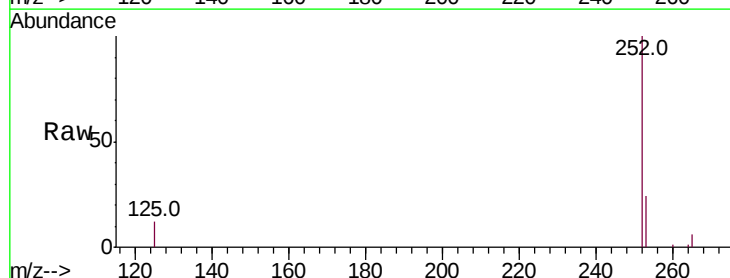
Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MSD

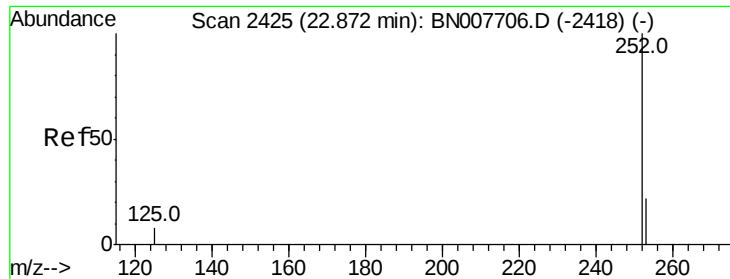
Tot Ion:264 Resp: 23940
Ion Ratio Lower Upper
264 100
260 26.8 19.3 28.9
265 47.3 26.9 40.3#



#35
Benzo(b)fluoranthene
Concen: 1.408 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

Tgt Ion:252 Resp: 117000
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 12.5 8.2 12.4#

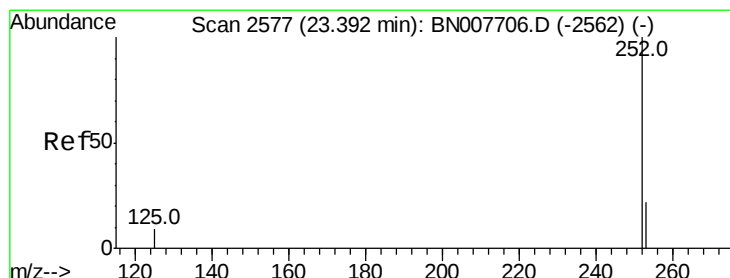
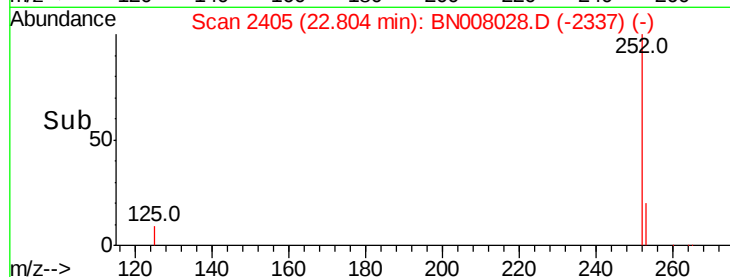
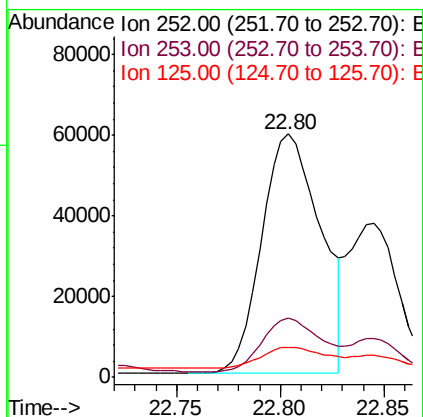
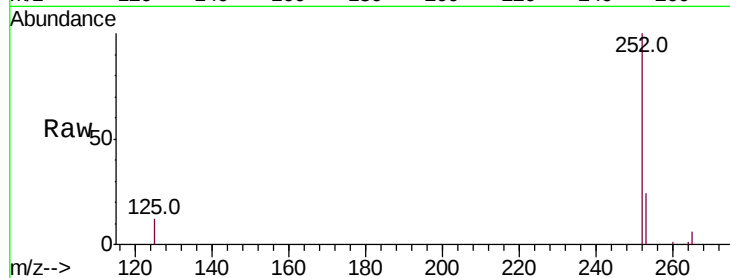




#36
Benzo(k)fluoranthene
Concen: 1.424 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.07 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

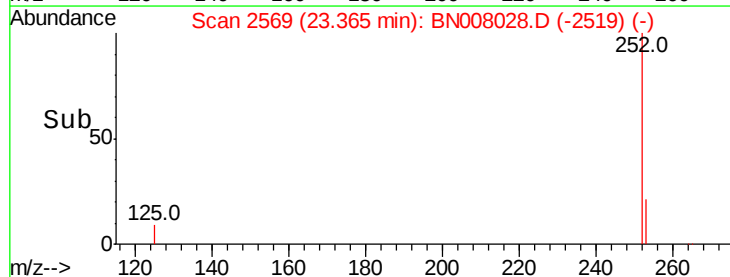
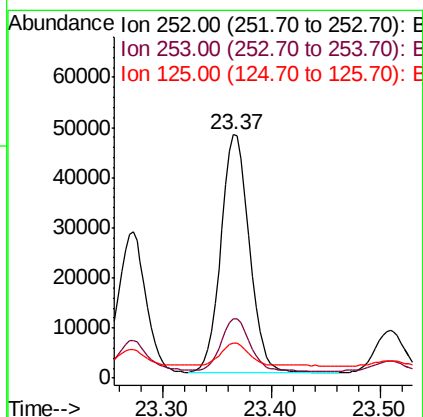
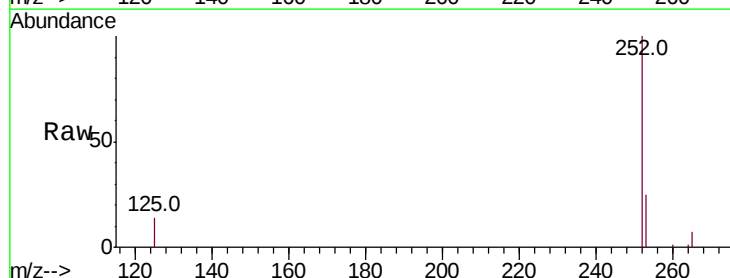
Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MSD

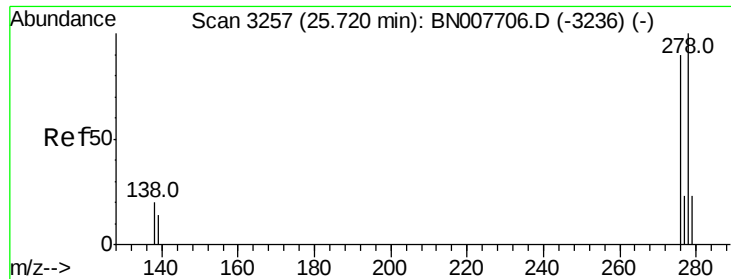
Tot Ion:252 Resp: 117000
Ion Ratio Lower Upper
252 100
253 24.3 18.5 27.7
125 12.5 8.4 12.6



#37
Benzo(a)pyrene
Concen: 1.095 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

Tgt Ion:252 Resp: 85500
Ion Ratio Lower Upper
252 100
253 24.6 18.6 27.8
125 14.4 9.4 14.0#

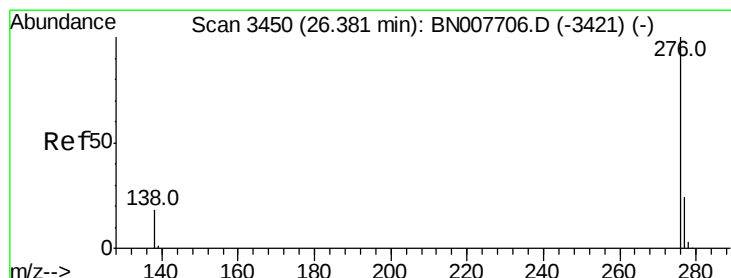
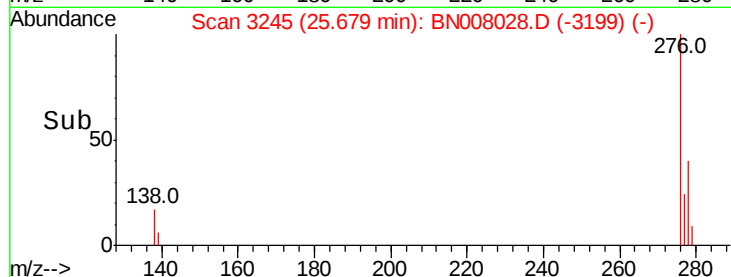
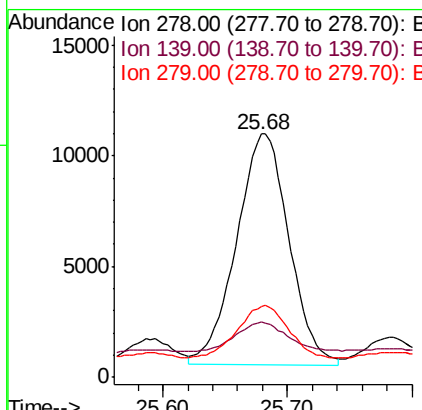
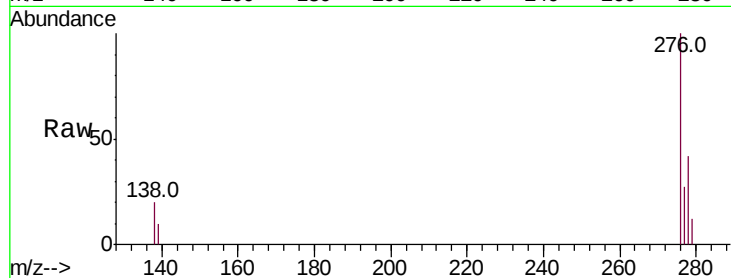




#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.04 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

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

Tot Ion:278 Resp: 30567
Ion Ratio Lower Upper
278 100
139 22.8 11.8 17.6#
279 29.1 19.4 29.2



#39
Benzo(g,h,i)perylene
Concen: 0.932 ng
RT: 26.35 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BN008028.D
Acq: 05 Oct 2019 16:28

Tgt Ion:276 Resp: 73722
Ion Ratio Lower Upper
276 100
277 26.0 19.8 29.8
138 19.4 15.1 22.7

