

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006716.D
 Acq On : 05 Jul 2019 15:24
 Operator : HP/JU
 Sample : K3560-12MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419MSD

Quant Time: Jul 05 22:50:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3273	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	12690	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	7050	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16040	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15674	0.40	ng	-0.03
34) Perylene-d12	23.46	264	18312	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	3406	0.38	ng	-0.02
5) Phenol-d6	6.78	99	4970	0.44	ng	-0.05
8) Nitrobenzene-d5	8.75	82	3435	0.35	ng	-0.04
11) 2-Methylnaphthalene-d10	11.97	152	8755	0.46	ng	-0.03
14) 2,4,6-Tribromophenol	15.76	330	1335	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	9621	0.35	ng	-0.02
25) Fluoranthene-d10	19.05	212	16422	0.36	ng	-0.02
29) Terphenyl-d14	19.66	244	11621	0.32	ng	-0.02

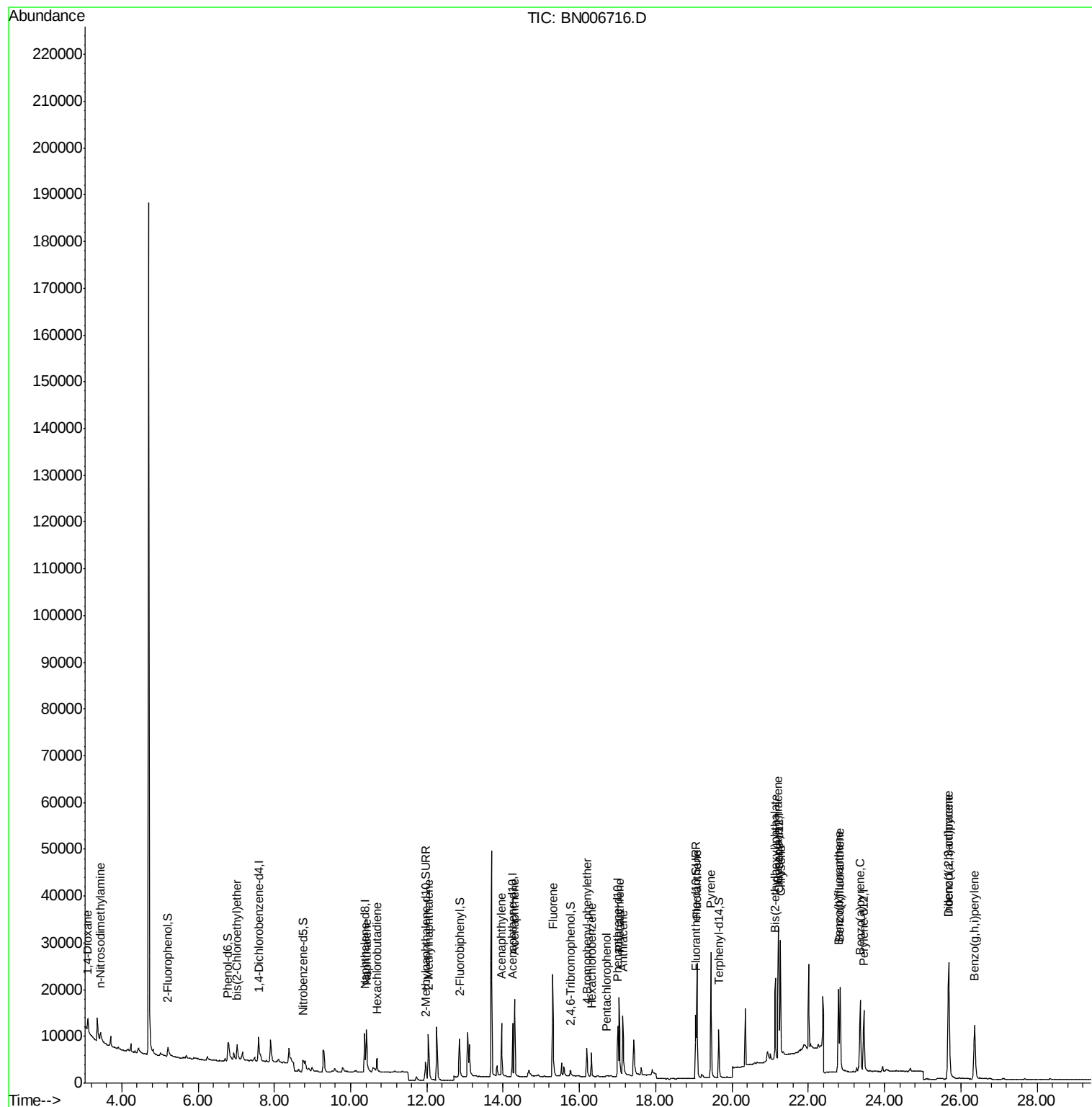
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1656	0.324	ng	# 30
3) n-Nitrosodimethylamine	3.44	42	1776	0.460	ng	# 98
6) bis(2-Chloroethyl)ether	7.02	93	3784	0.398	ng	93
9) Naphthalene	10.42	128	14097	0.406	ng	100
10) Hexachlorobutadiene	10.69	225	2547	0.362	ng	# 98
12) 2-Methylnaphthalene	12.04	142	9328	0.380	ng	99
16) Acenaphthylene	13.96	152	14718	0.419	ng	100
17) Acenaphthene	14.30	154	8909	0.398	ng	98
18) Fluorene	15.30	166	11268	0.405	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3690	0.390	ng	96
21) Hexachlorobenzene	16.31	284	4192	0.373	ng	99
22) Pentachlorophenol	16.72	266	198	0.243	ng	93
23) Phenanthrene	17.05	178	19082	0.413	ng	100
24) Anthracene	17.14	178	16252	0.389	ng	99
26) Fluoranthene	19.08	202	24366	0.449	ng	99
28) Pyrene	19.45	202	25956	0.414	ng	99
30) Benzo(a)anthracene	21.22	228	22330	0.413	ng	99
31) Chrysene	21.27	228	21867	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	17754	0.110	ng	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	28281	0.424	ng	99
35) Benzo(b)fluoranthene	22.79	252	23463	0.399	ng	98
36) Benzo(k)fluoranthene	22.84	252	24178	0.379	ng	99
37) Benzo(a)pyrene	23.36	252	23034	0.405	ng	96
38) Dibenzo(a,h)anthracene	25.68	278	22651	0.400	ng	98
39) Benzo(g,h,i)perylene	26.36	276	24603	0.423	ng	96

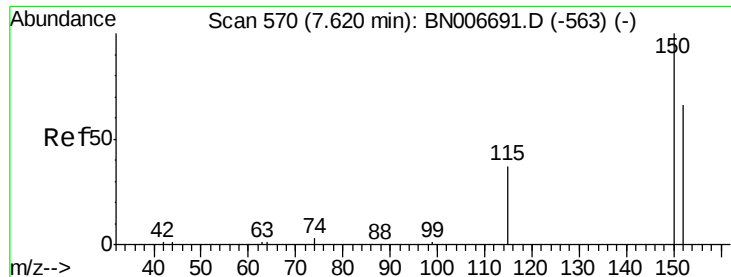
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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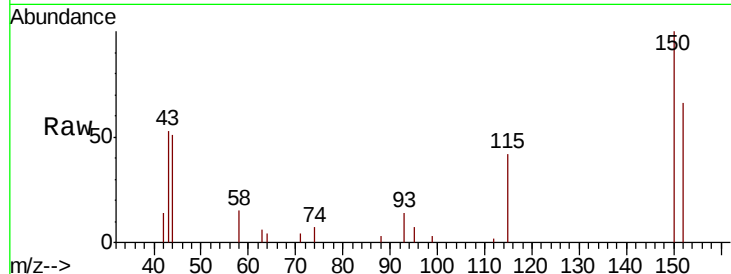


#1

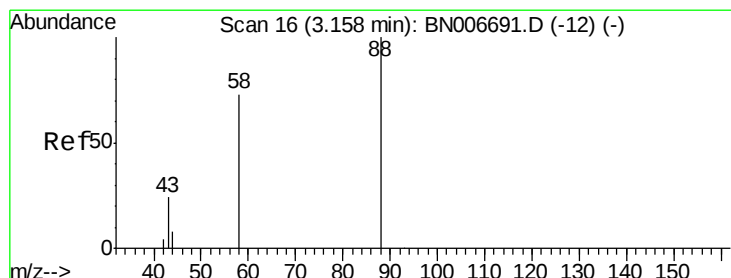
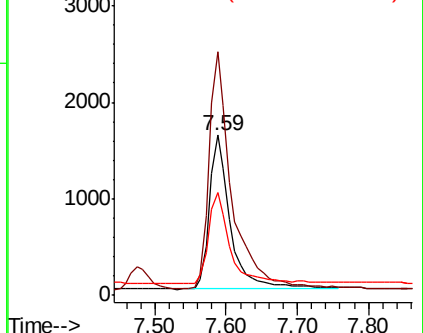
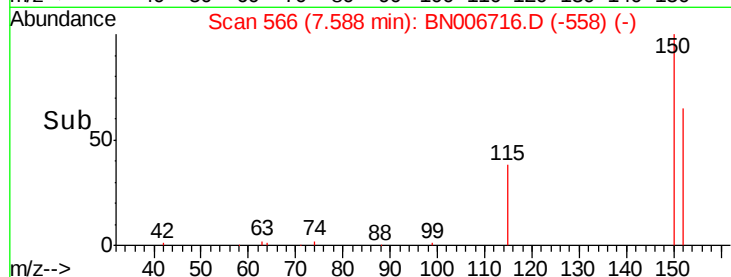
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN006716.D
Acq: 05 Jul 2019 15:24

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MSD

Tot Ion:152 Resp: 3273
Ion Ratio Lower Upper
152 100
150 152.1 120.6 181.0
115 64.2 51.0 76.6



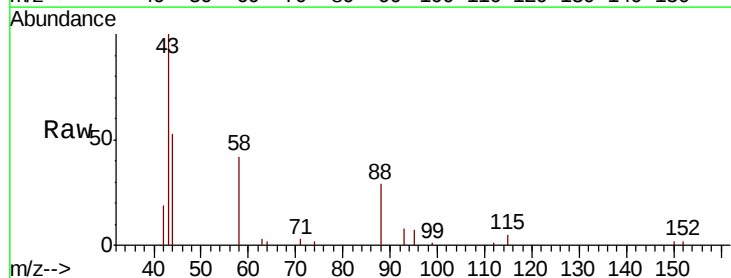
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



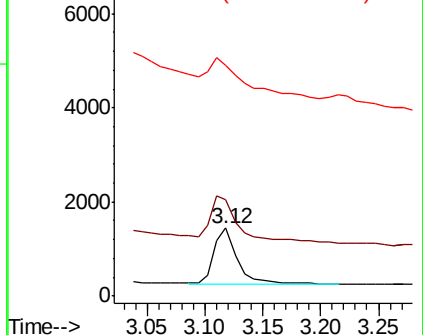
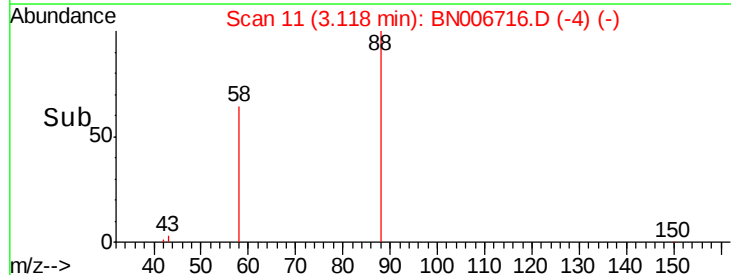
#2

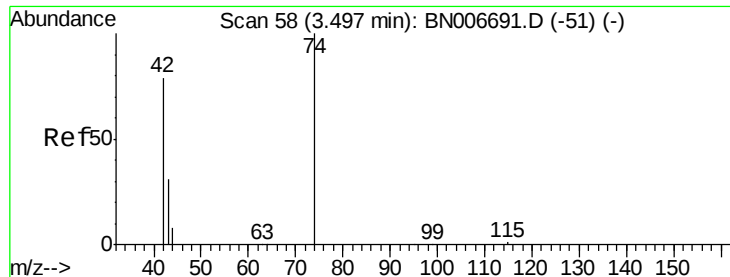
1,4-Dioxane
Concen: 0.324 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006716.D
Acq: 05 Jul 2019 15:24

Tgt Ion: 88 Resp: 1656
Ion Ratio Lower Upper
88 100
58 113.5 61.1 91.7#
43 115.9 32.4 48.6#



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





#3

n-Nitrosodimethylamine

Concen: 0.460 ng

RT: 3.44 min Scan# 51

Delta R.T. -0.06 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

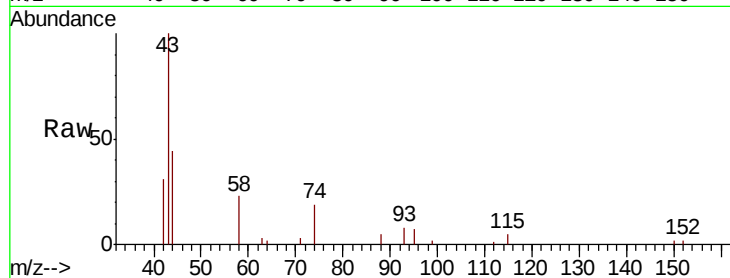
Tot Ion: 42 Resp: 1776

Ion Ratio Lower Upper

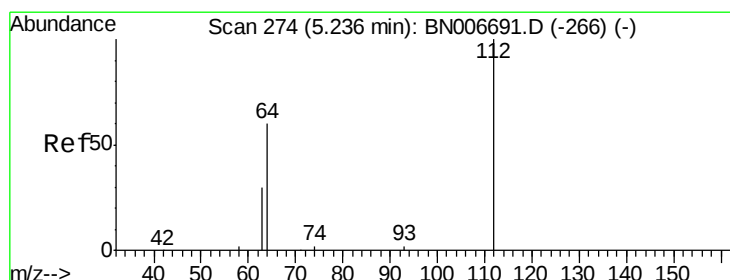
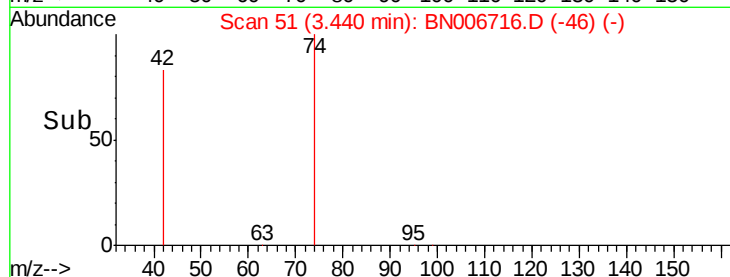
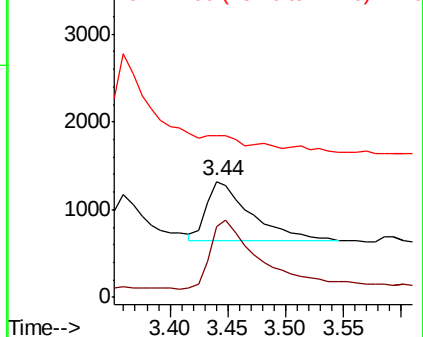
42 100

74 133.6 106.6 160.0

44 0.0 8.0 12.0#



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: 0.383 ng

RT: 5.21 min Scan# 271

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

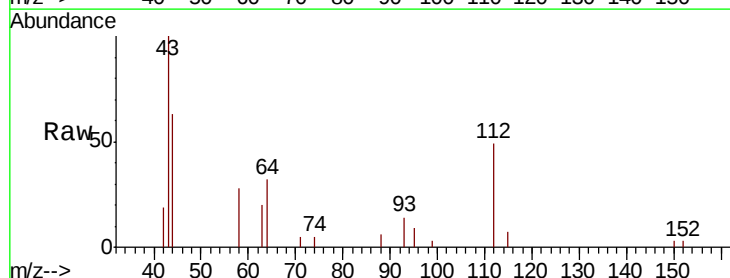
Tgt Ion: 112 Resp: 3406

Ion Ratio Lower Upper

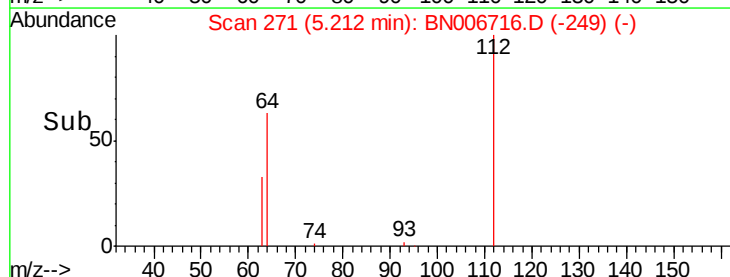
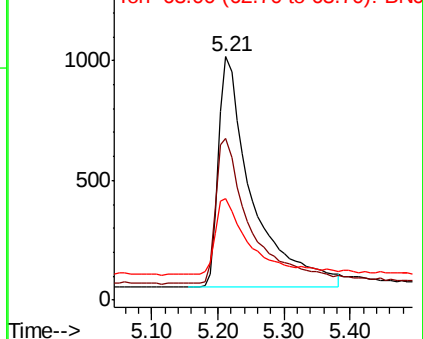
112 100

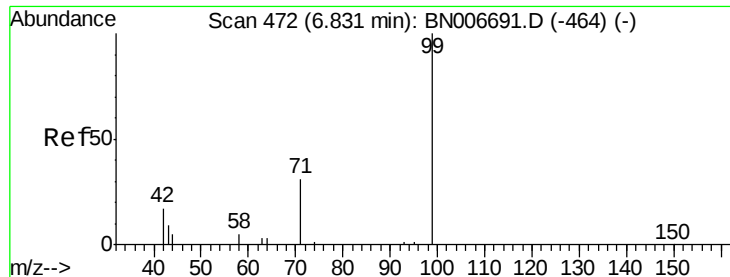
64 65.1 49.8 74.6

63 32.9 25.8 38.6



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: 0.442 ng

RT: 6.78 min Scan# 466

Delta R.T. -0.05 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

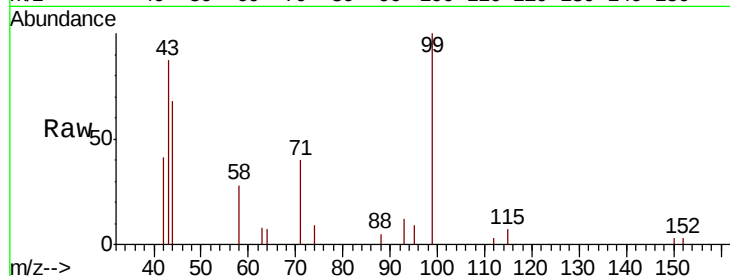
Tot Ion: 99 Resp: 4970

Ion Ratio Lower Upper

99 100

42 29.1 16.6 25.0#

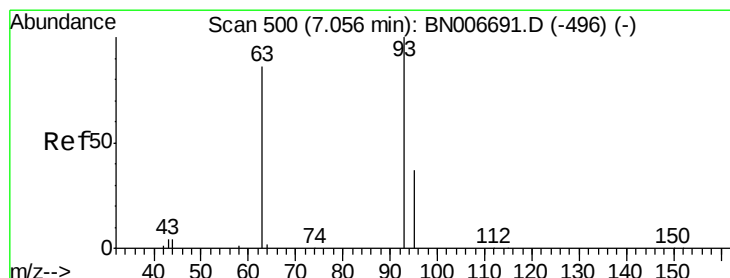
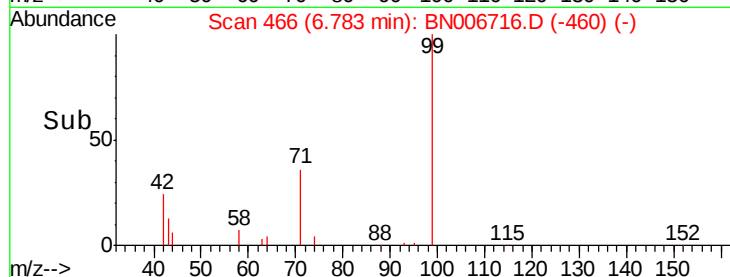
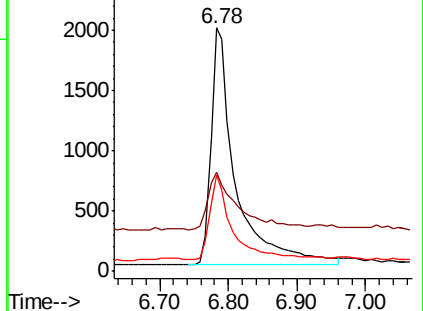
71 33.0 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006716.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006716.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006716.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.02 min Scan# 496

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

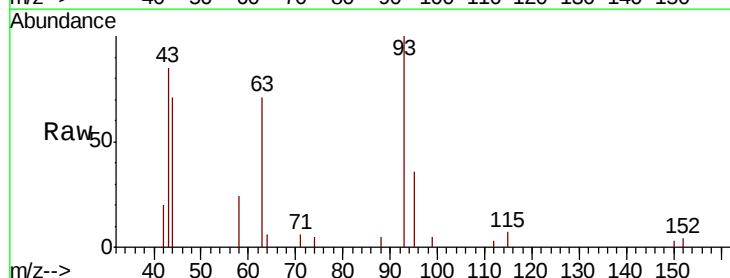
Tgt Ion: 93 Resp: 3784

Ion Ratio Lower Upper

93 100

63 78.1 58.6 87.8

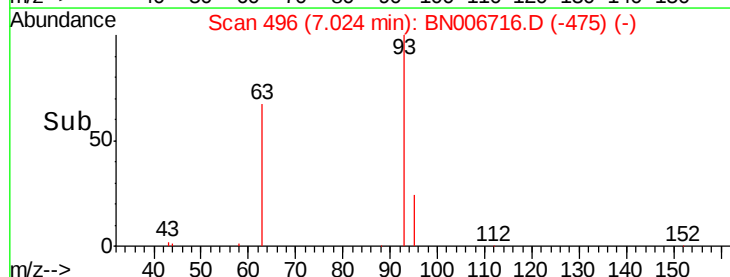
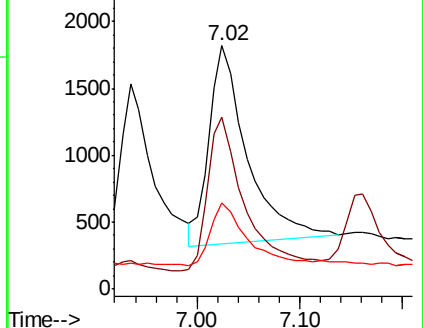
95 29.6 28.3 42.5

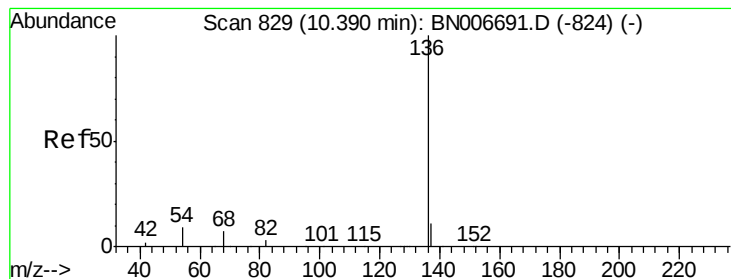


Abundance Ion 93.00 (92.70 to 93.70): BN006716.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006716.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006716.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

Tot Ion:136 Resp: 12690

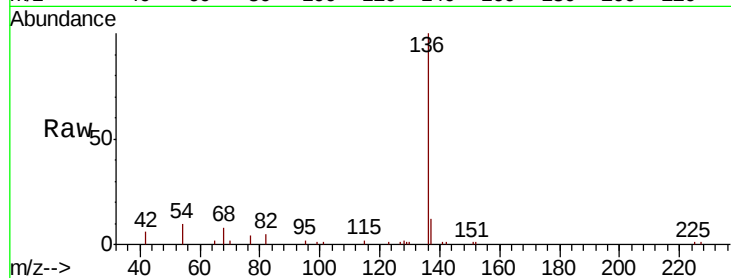
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 9.9 8.4 12.6

68 8.3 6.8 10.2

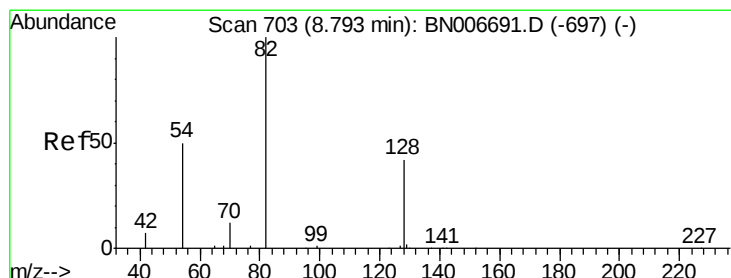
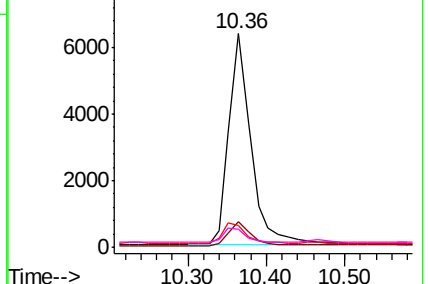
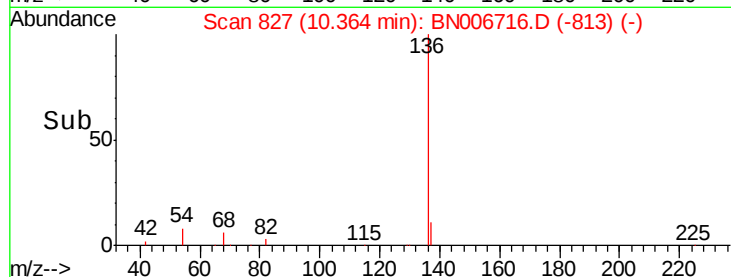


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 8.75 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

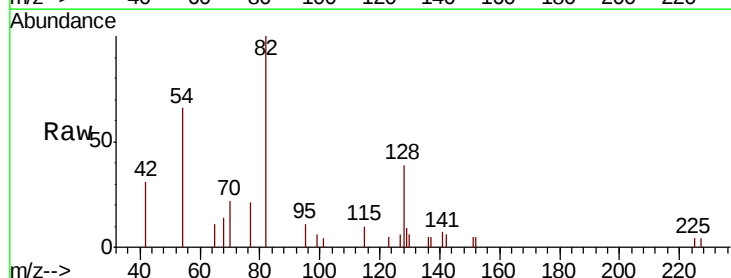
Tgt Ion: 82 Resp: 3435

Ion Ratio Lower Upper

82 100

128 39.1 36.1 54.1

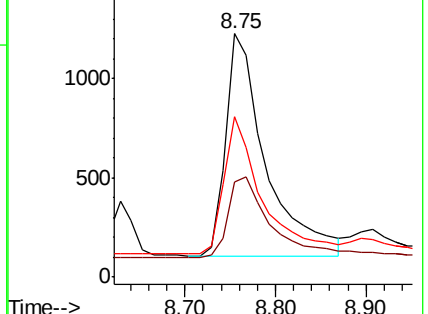
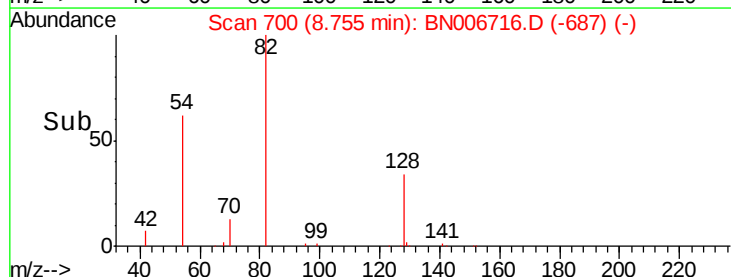
54 65.7 44.5 66.7

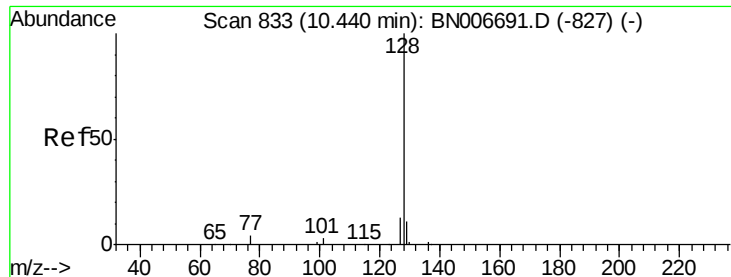


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.406 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

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ClientSampleId :

PST-009-B218-062419MSD

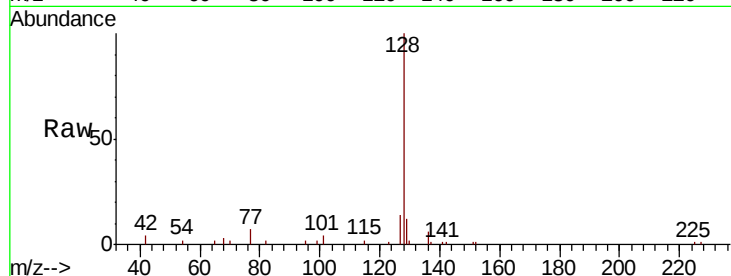
Tot Ion:128 Resp: 14097

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

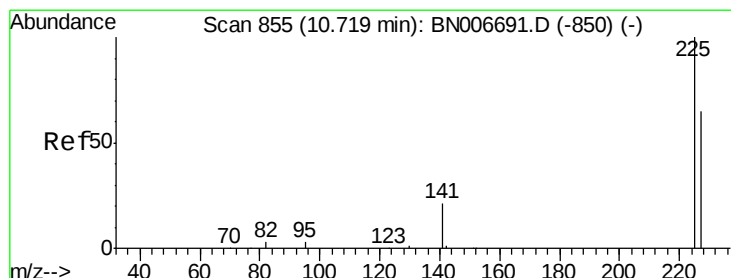
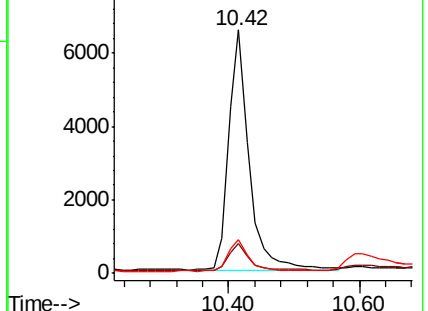
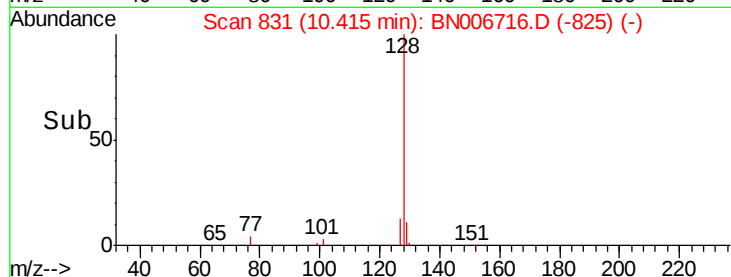
127 13.7 11.0 16.4



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: 0.362 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

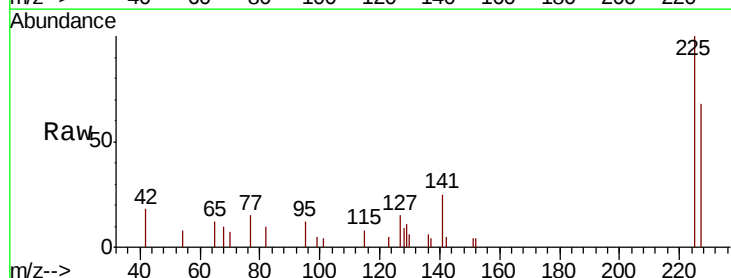
Tgt Ion:225 Resp: 2547

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

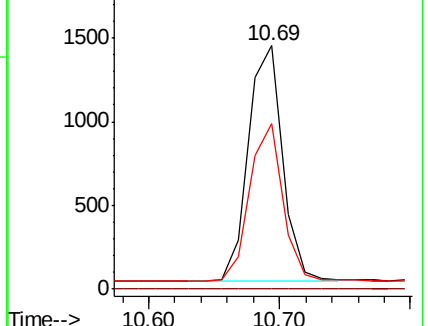
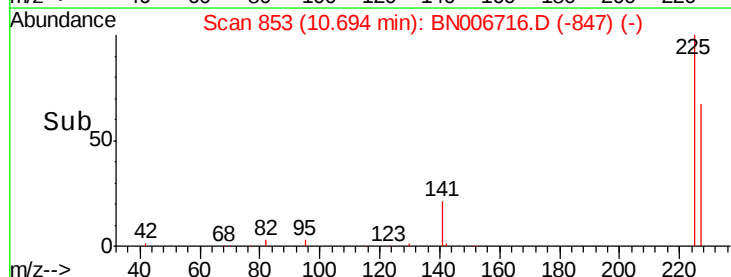
227 65.1 50.9 76.3

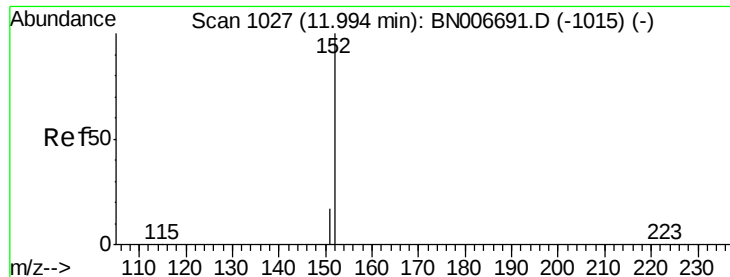


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

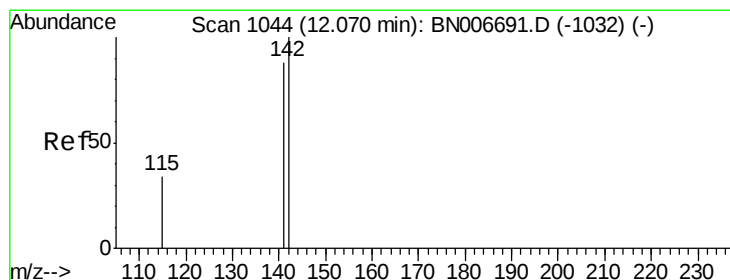
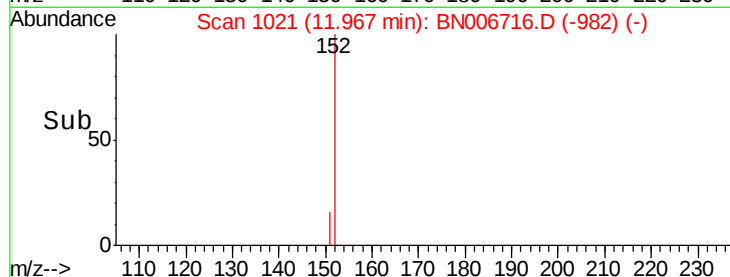
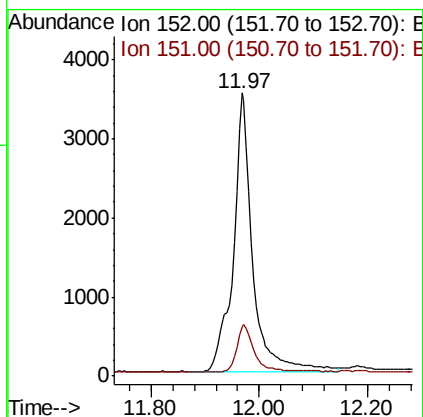
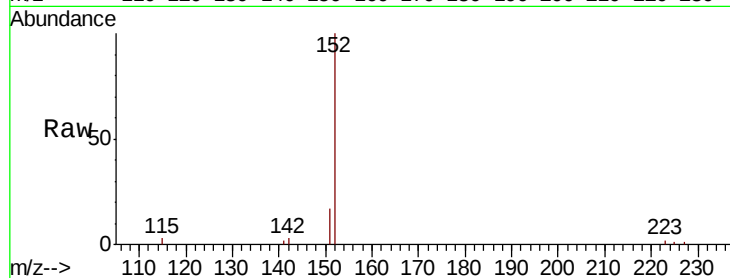




#11
 2-Methylnaphthalene-d10
 Concen: 0.459 ng
 RT: 11.97 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BN006716.D
 Acq: 05 Jul 2019 15:24

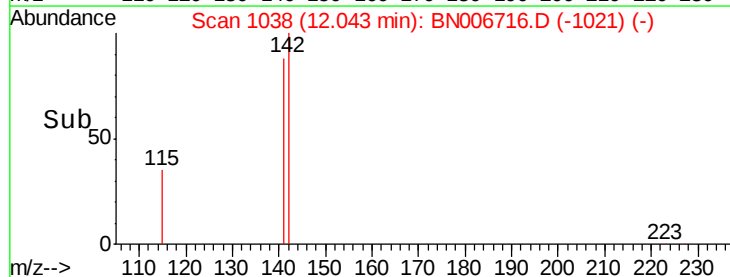
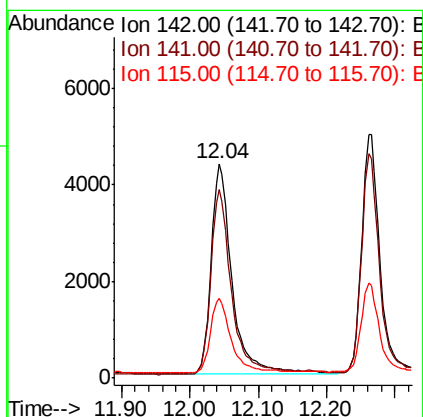
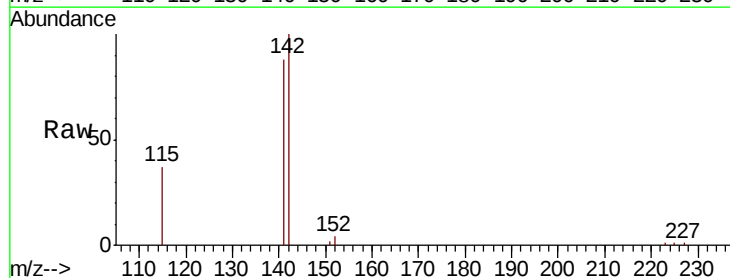
Instrument :
 BNA_N
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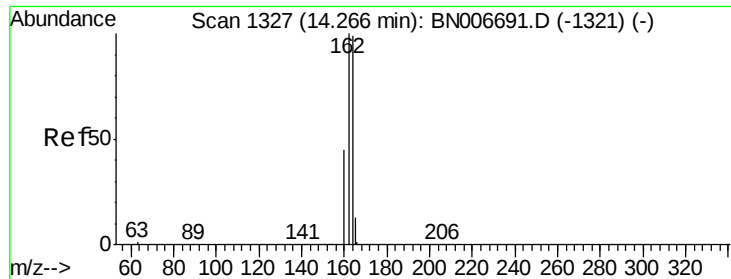
Tot Ion:152 Resp: 8755
 Ion Ratio Lower Upper
 152 100
 151 14.7 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.380 ng
 RT: 12.04 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BN006716.D
 Acq: 05 Jul 2019 15:24

Tgt Ion:142 Resp: 9328
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.3 105.5
 115 37.1 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

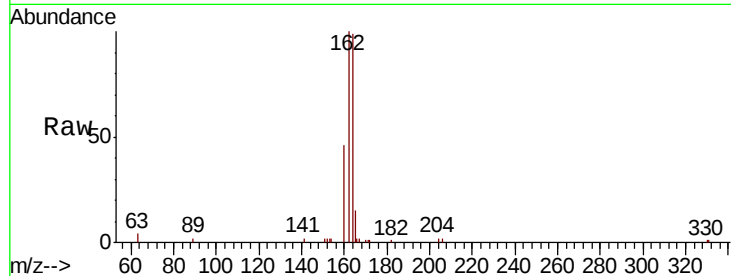
Tot Ion:164 Resp: 7050

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

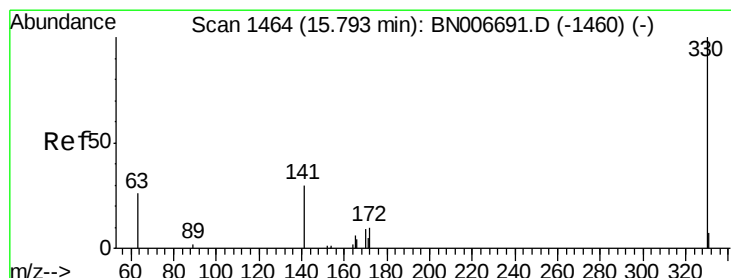
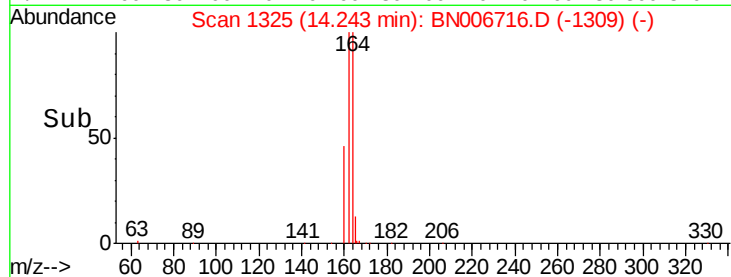
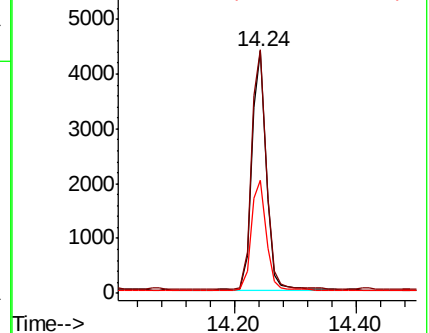
160 46.6 37.0 55.6



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: 0.385 ng

RT: 15.76 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

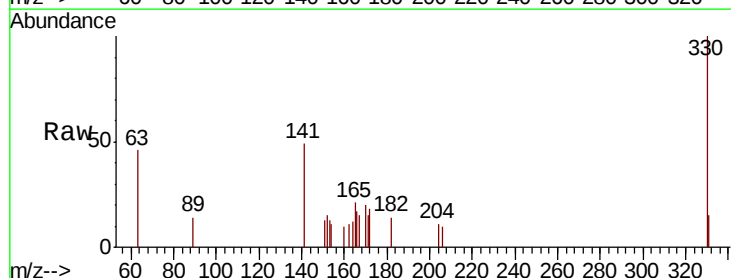
Tgt Ion:330 Resp: 1335

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

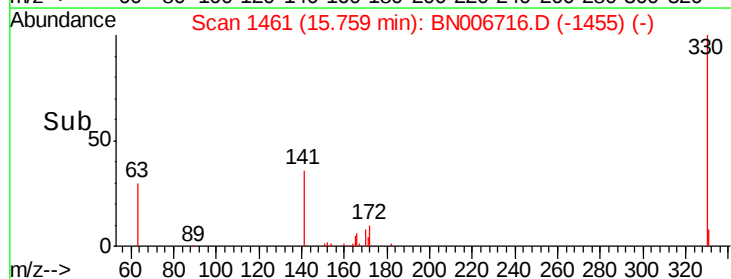
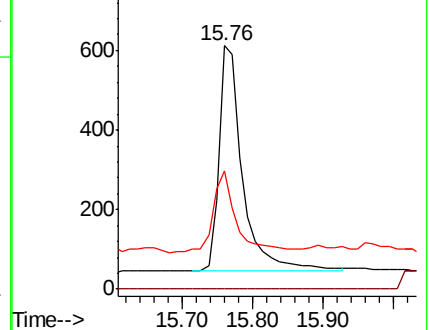
141 33.8 24.8 37.2

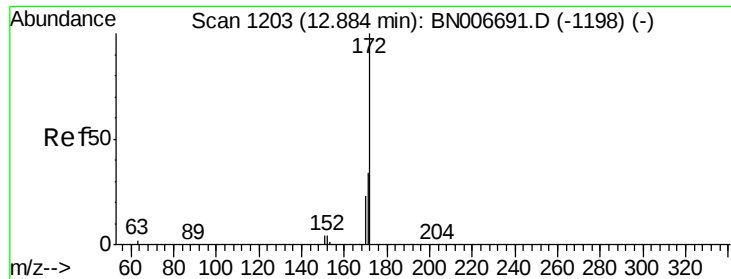


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

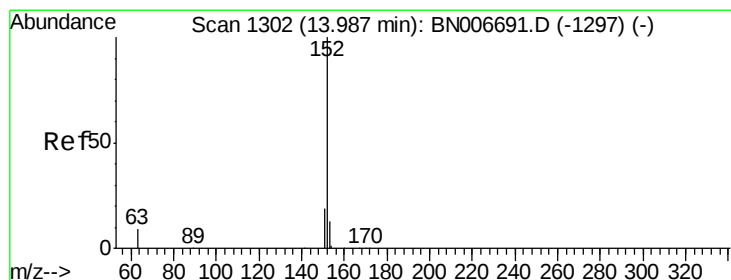
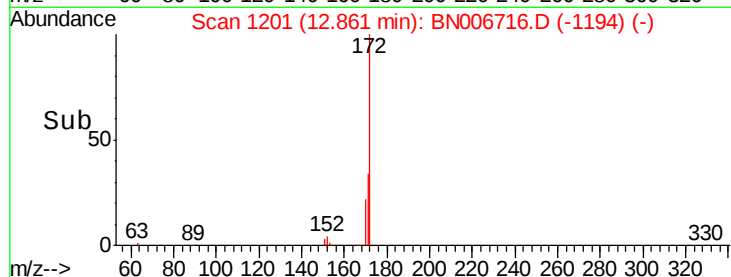
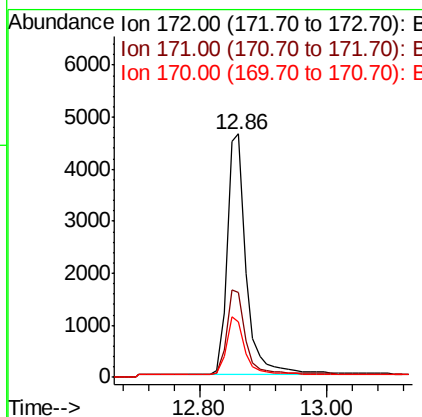
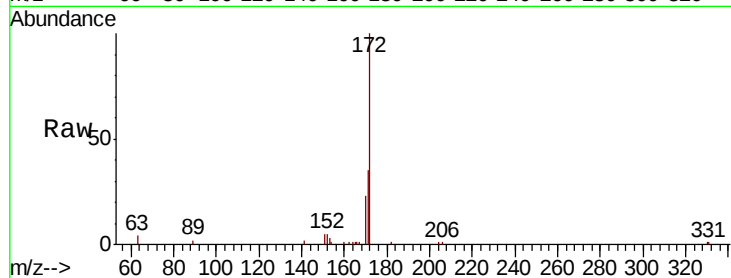




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006716.D
Acq: 05 Jul 2019 15:24

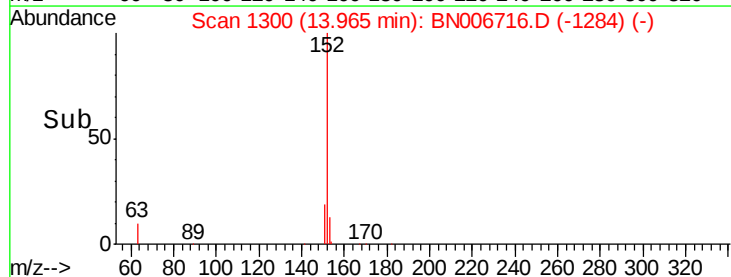
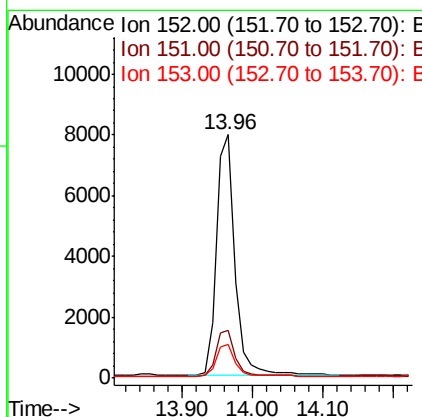
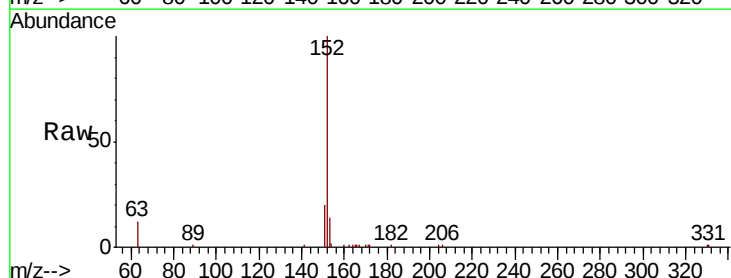
Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MSD

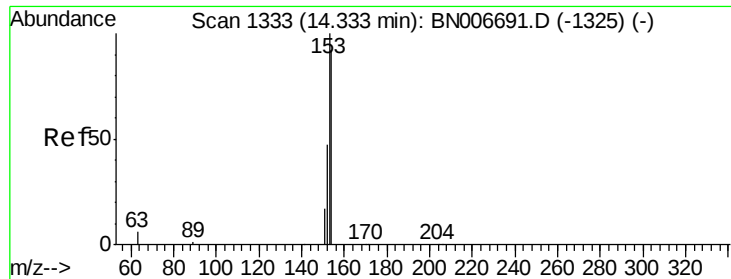
Tot Ion:172 Resp: 9621
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.5 18.9 28.3



#16
Acenaphthylene
Concen: 0.419 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006716.D
Acq: 05 Jul 2019 15:24

Tgt Ion:152 Resp: 14718
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

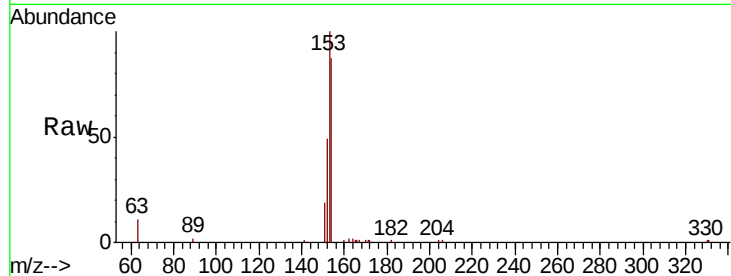
Tot Ion:154 Resp: 8909

Ion Ratio Lower Upper

154 100

153 113.7 88.9 133.3

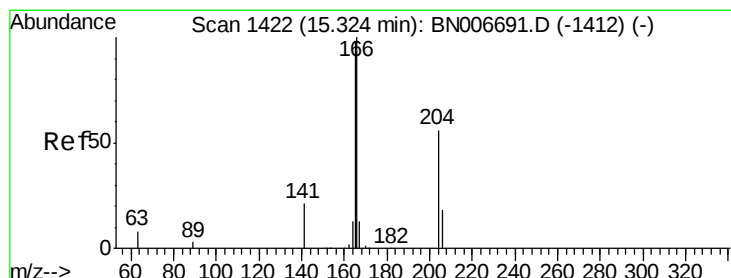
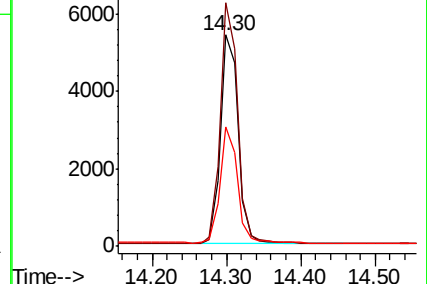
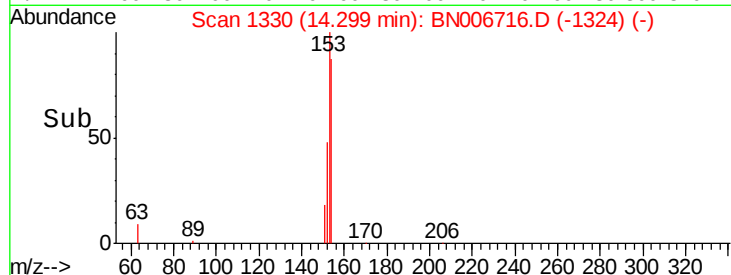
152 54.5 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.405 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

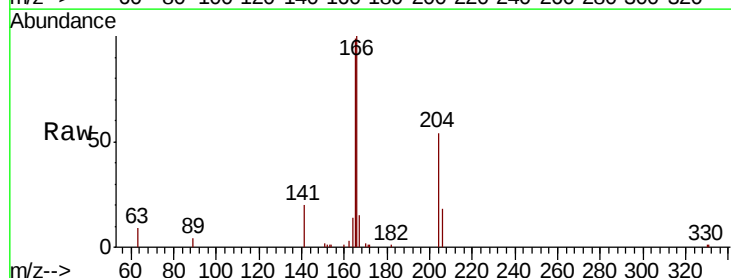
Tgt Ion:166 Resp: 11268

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

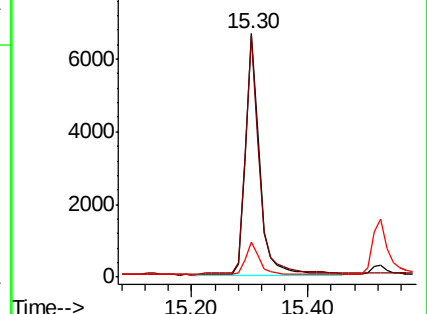
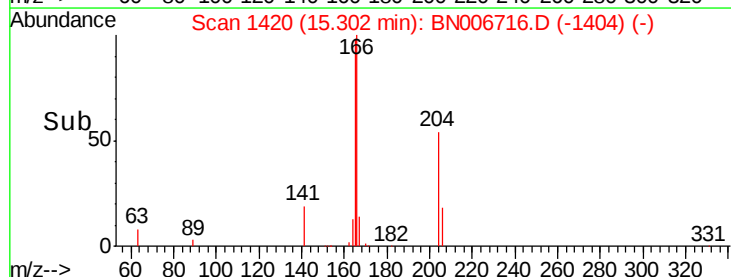
167 13.5 10.7 16.1

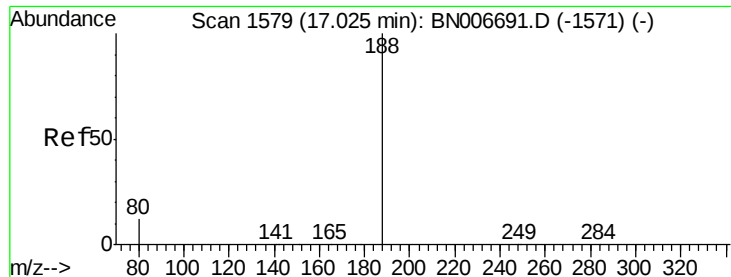


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

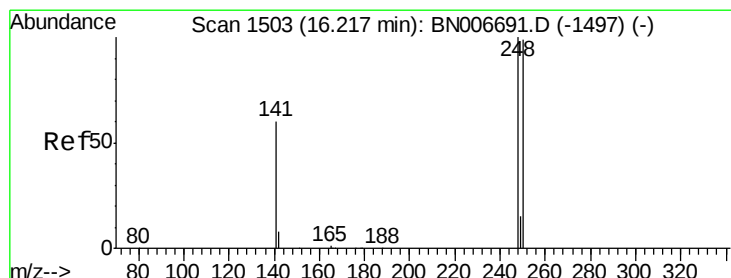
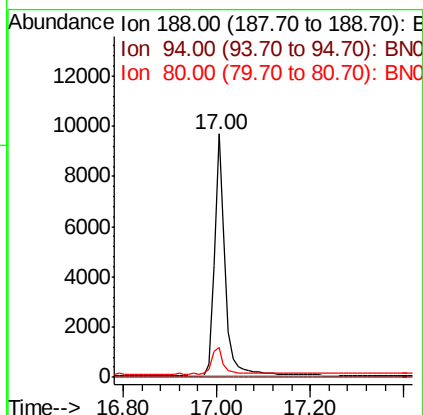
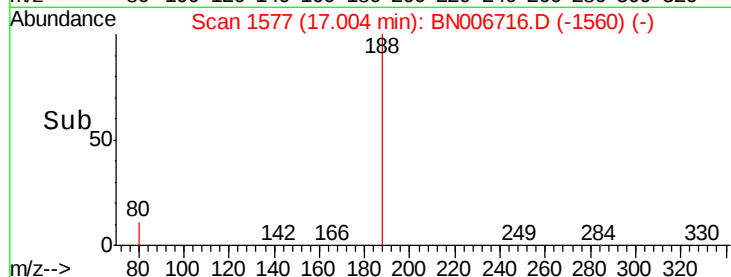
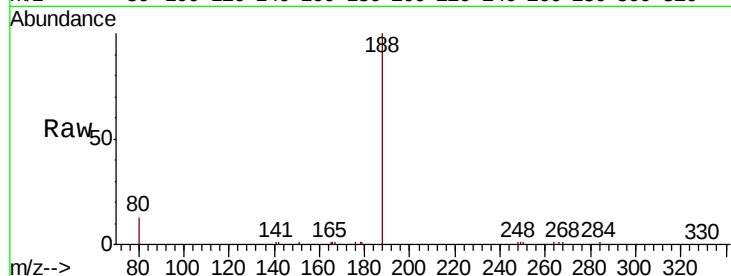
Tot Ion:188 Resp: 16040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 10.3 15.5



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

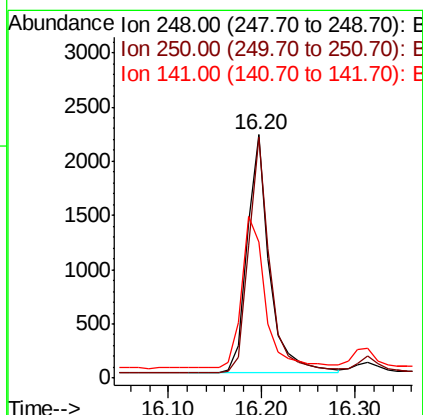
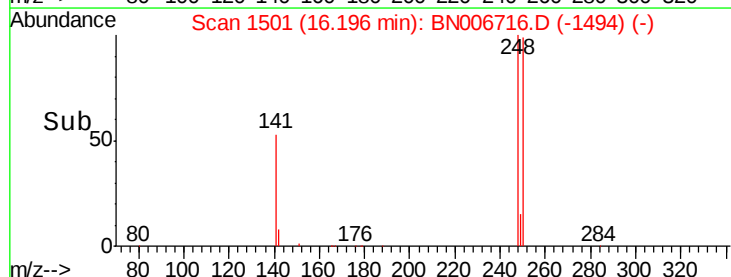
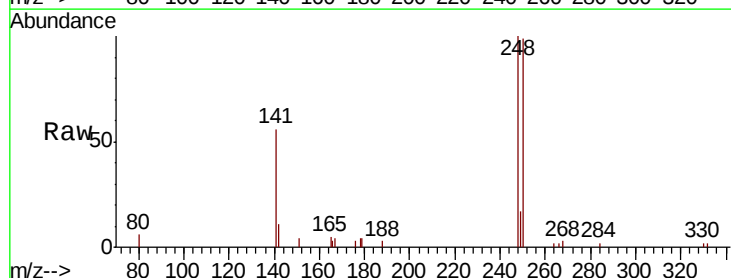
Tgt Ion:248 Resp: 3690

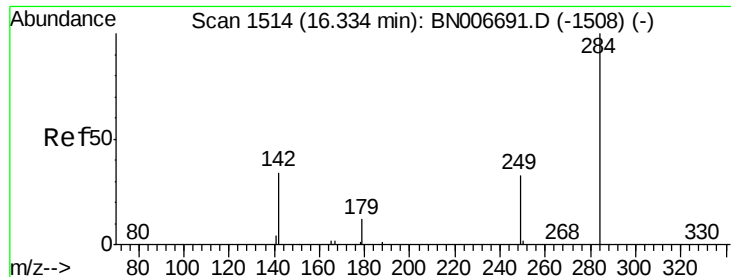
Ion Ratio Lower Upper

248 100

250 99.2 79.0 118.6

141 55.9 50.2 75.4

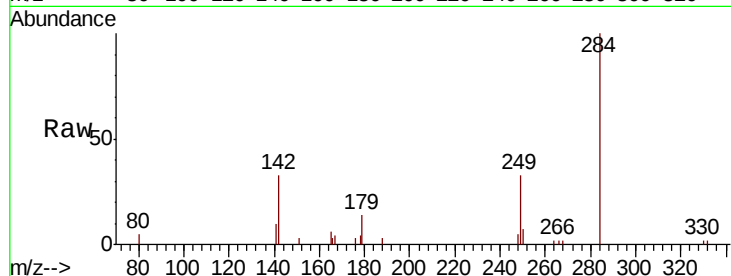




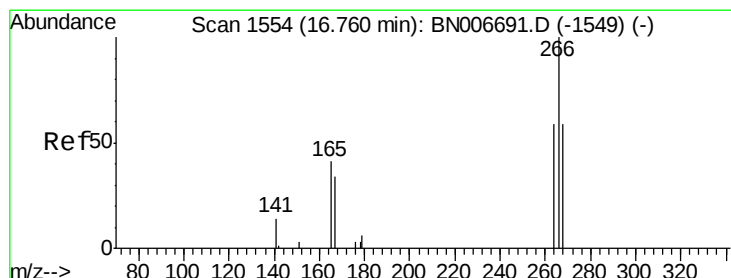
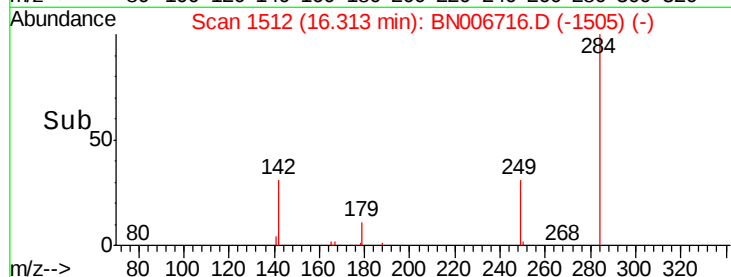
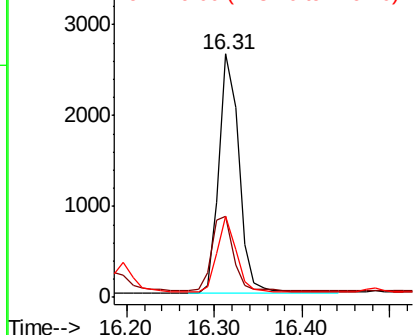
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006716.D
Acq: 05 Jul 2019 15:24

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.9	40.3
249	29.6	24.4	36.6

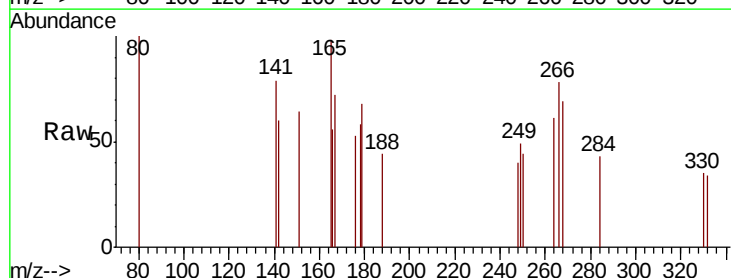


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

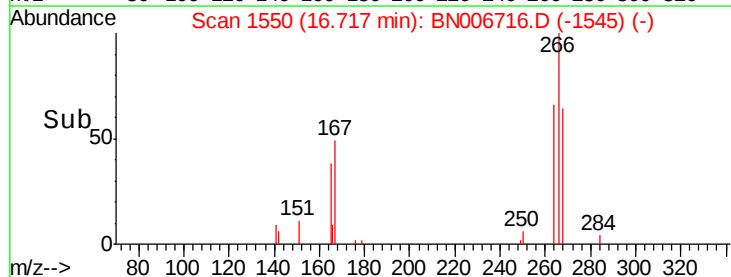
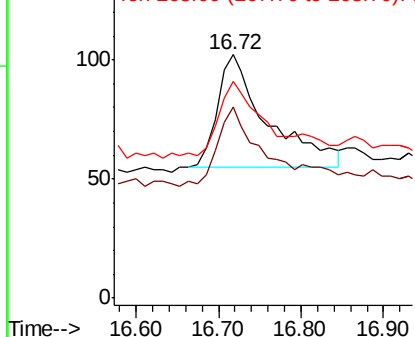


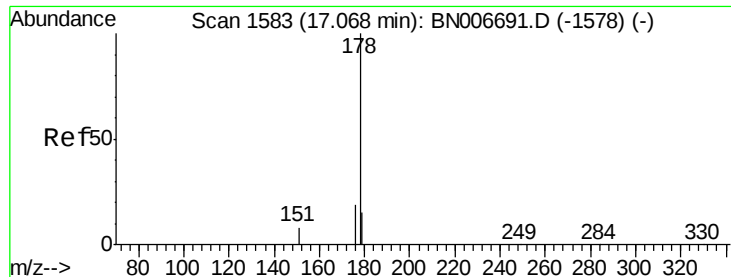
#22
Pentachlorophenol
Concen: 0.243 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006716.D
Acq: 05 Jul 2019 15:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	78.4	57.6	86.4
268	89.2	66.6	99.8



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: 0.413 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

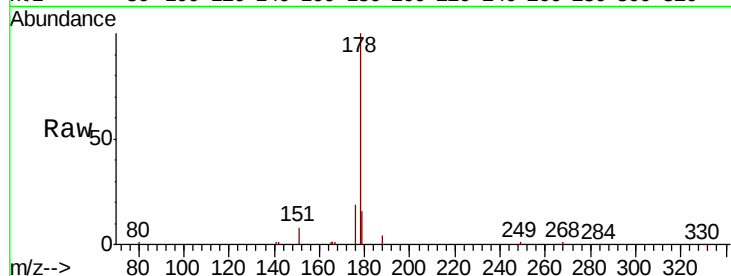
Tot Ion:178 Resp: 19082

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

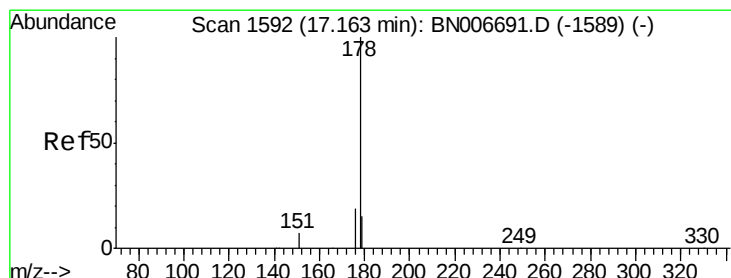
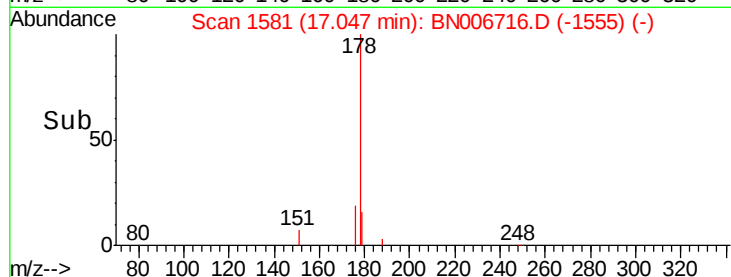
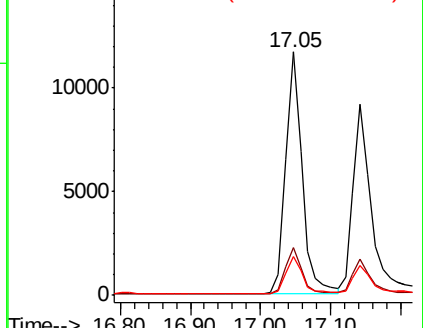
179 15.8 12.4 18.6



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: 0.389 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

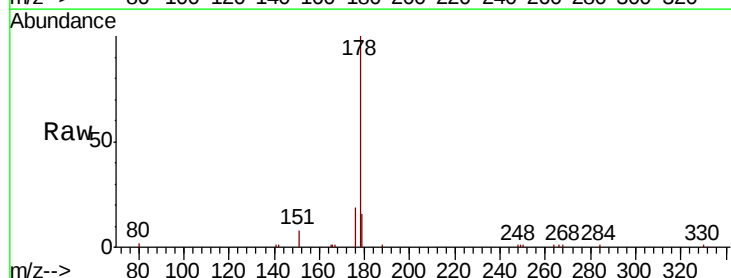
Tgt Ion:178 Resp: 16252

Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

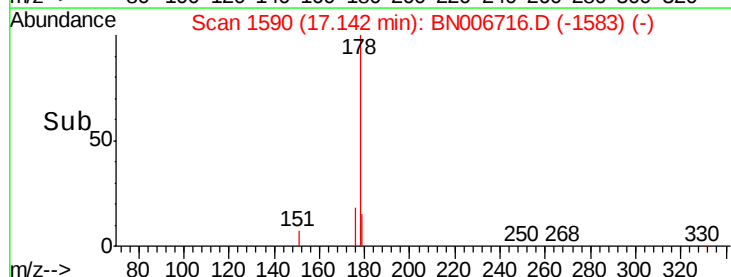
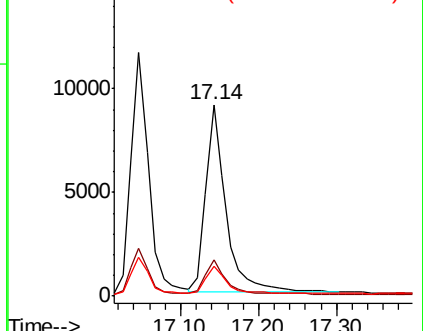
179 14.8 11.9 17.9

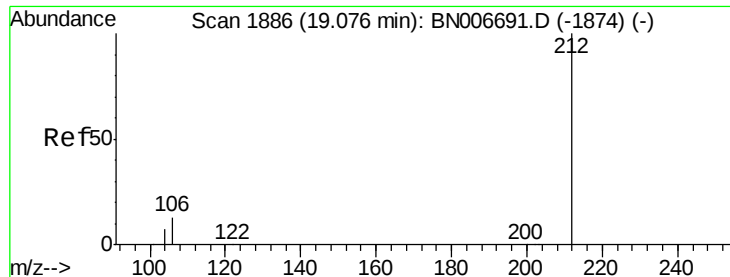


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

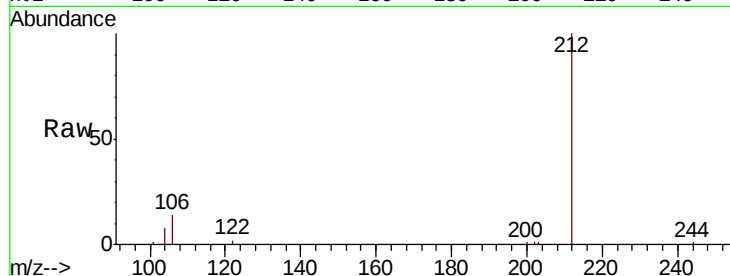
Tot Ion:212 Resp: 16422

Ion Ratio Lower Upper

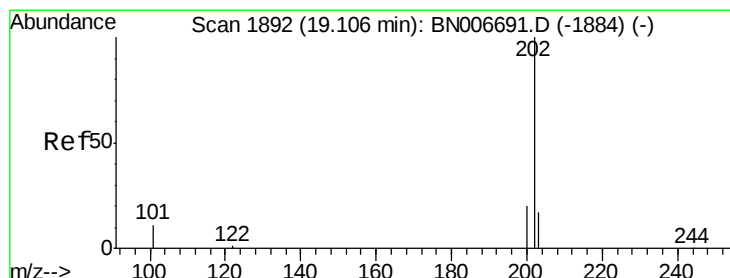
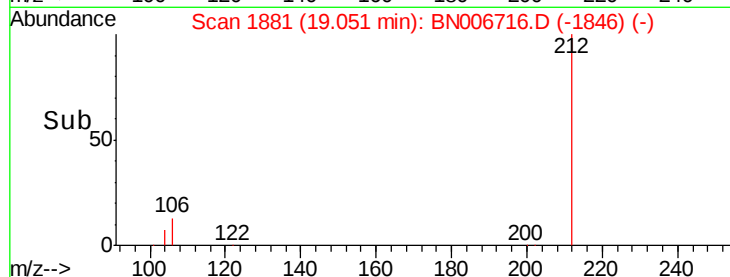
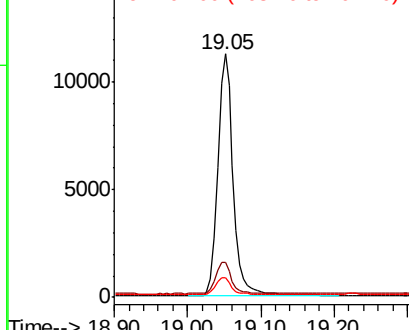
212 100

106 13.3 11.0 16.6

104 7.7 6.1 9.1



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: 0.449 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

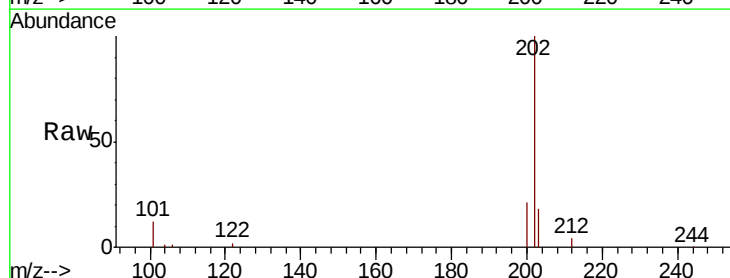
Tgt Ion:202 Resp: 24366

Ion Ratio Lower Upper

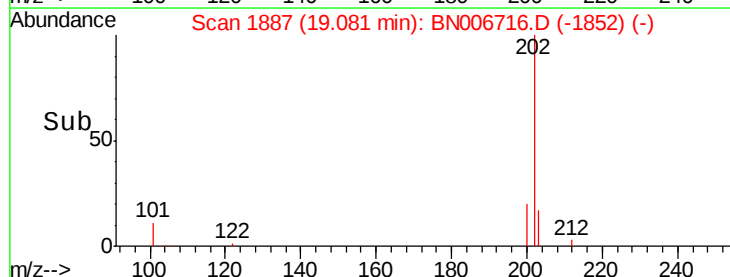
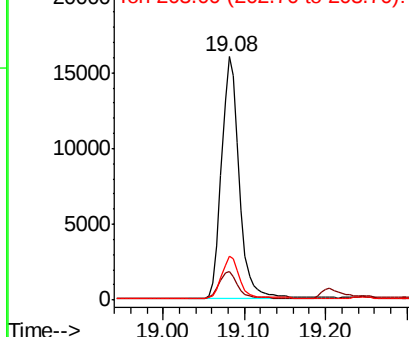
202 100

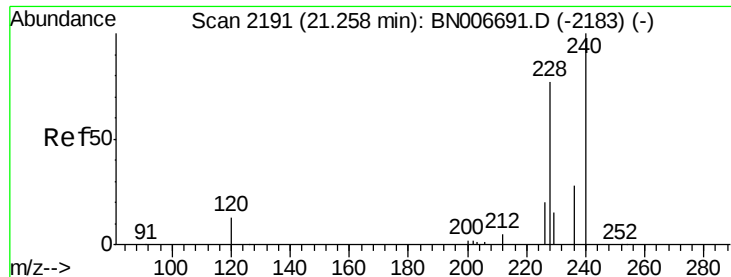
101 12.0 8.7 13.1

203 17.3 13.8 20.6



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

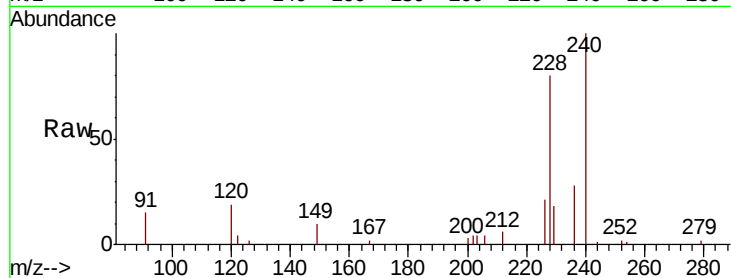
Tot Ion:240 Resp: 15674

Ion Ratio Lower Upper

240 100

120 18.6 12.9 19.3

236 28.2 23.2 34.8

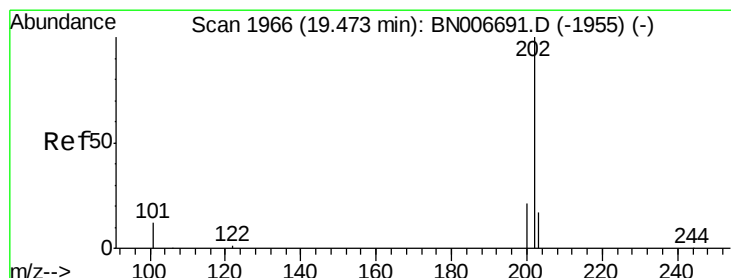
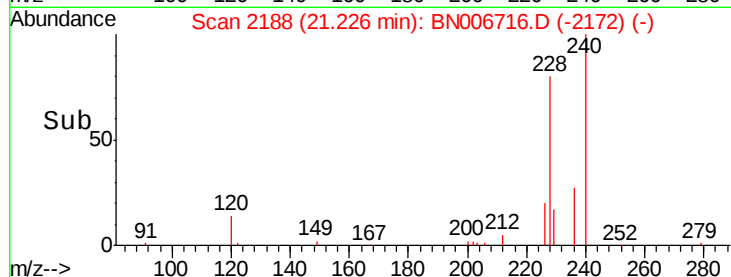
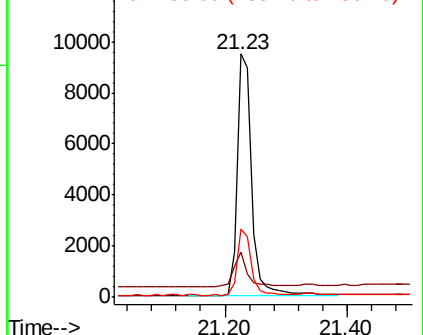


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.414 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

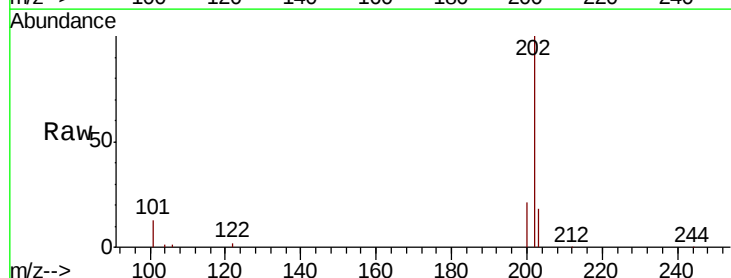
Tgt Ion:202 Resp: 25956

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 18.0 14.2 21.2

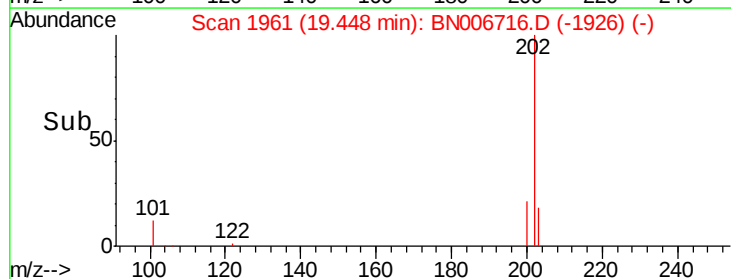
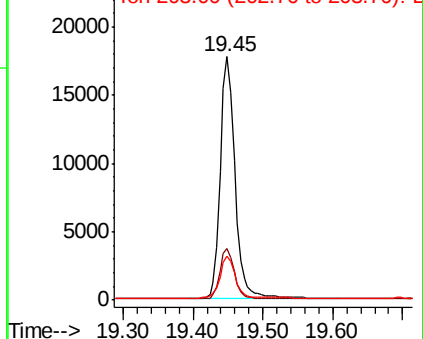


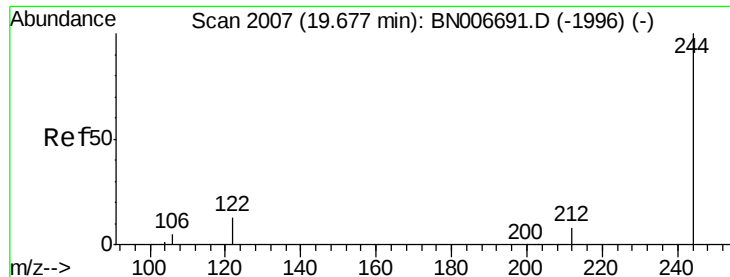
Abundance

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: 0.322 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

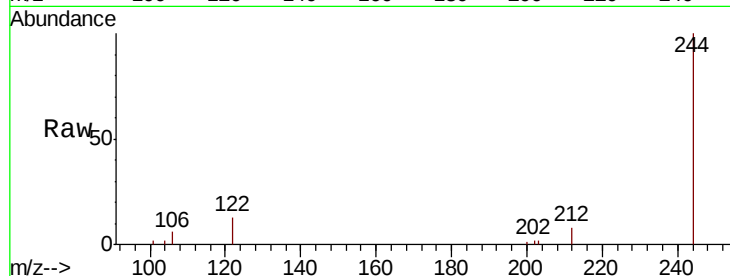
Tot Ion:244 Resp: 11621

Ion Ratio Lower Upper

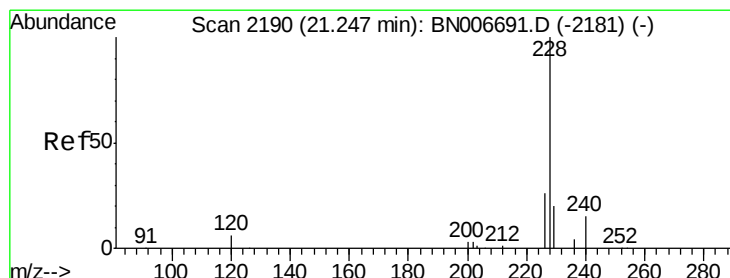
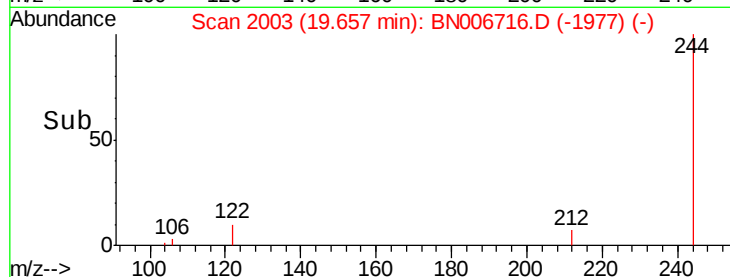
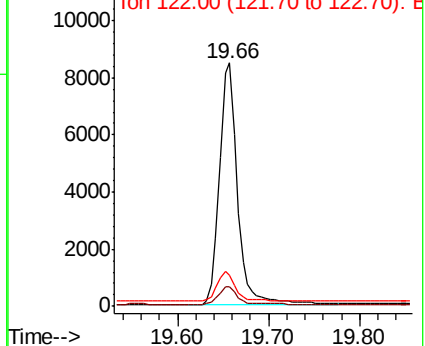
244 100

212 8.0 7.0 10.4

122 12.5 11.5 17.3



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: 0.413 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

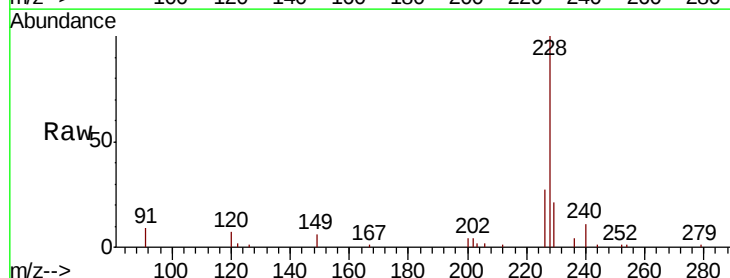
Tgt Ion:228 Resp: 22330

Ion Ratio Lower Upper

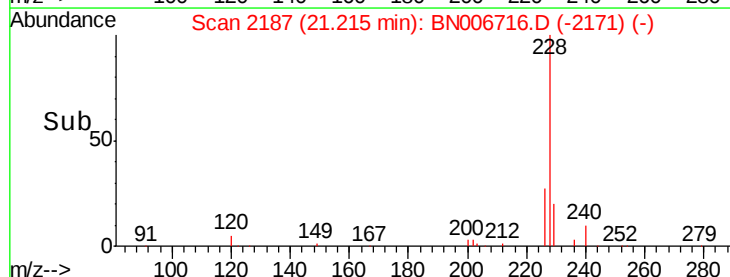
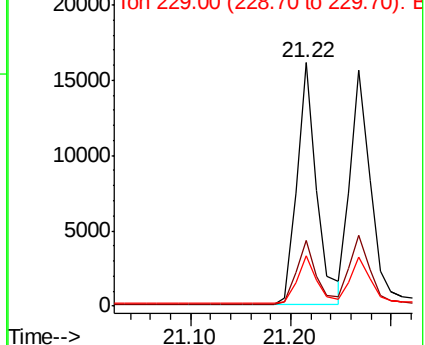
228 100

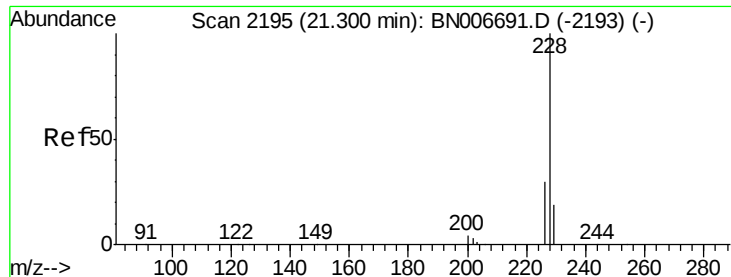
226 27.1 21.5 32.3

229 20.7 16.2 24.4



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: 0.392 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

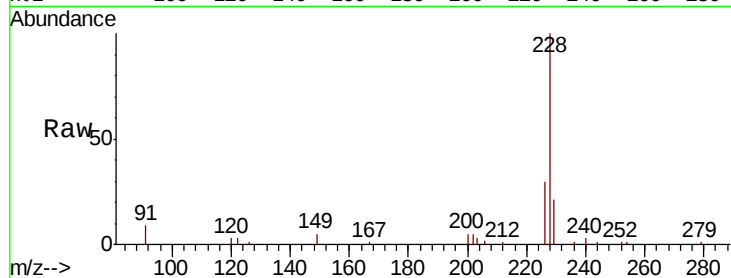
Tot Ion:228 Resp: 21867

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

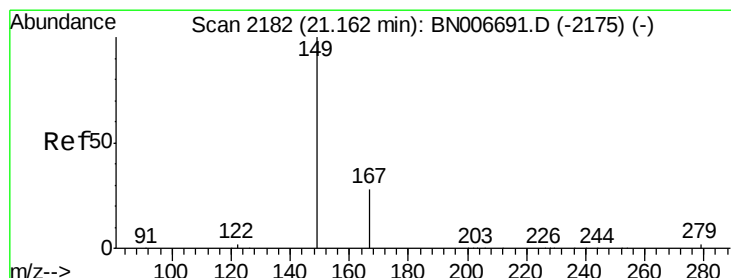
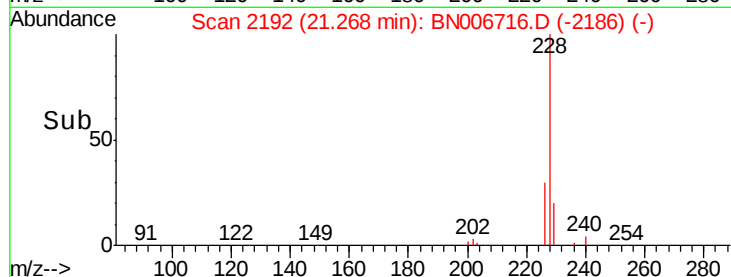
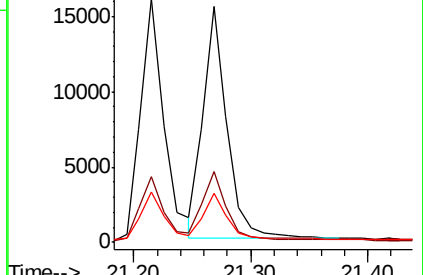
229 20.5 15.8 23.6



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: 0.110 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

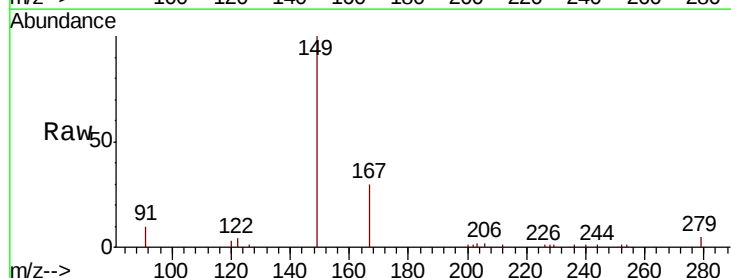
Tgt Ion:149 Resp: 17754

Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

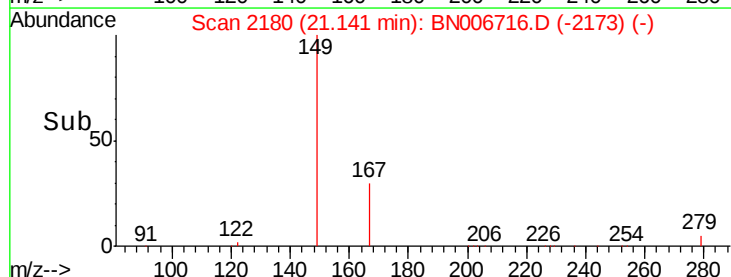
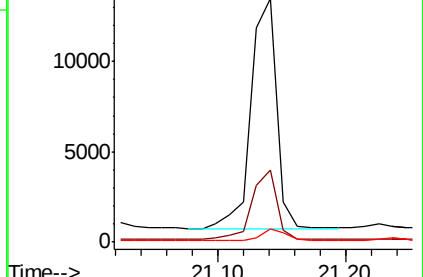
279 4.2 3.2 4.8

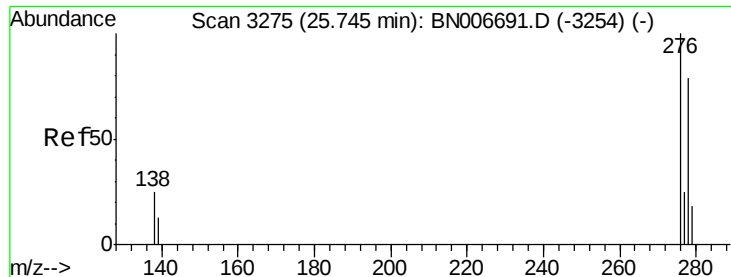


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.424 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.06 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

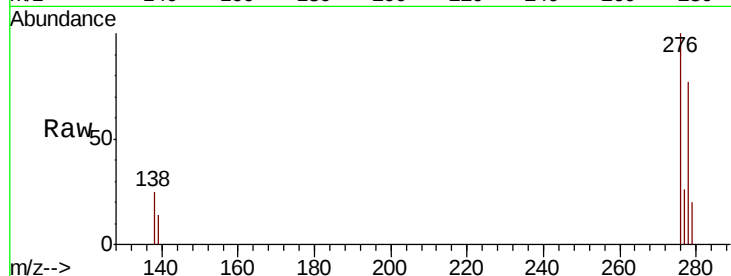
Tot Ion:276 Resp: 28281

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

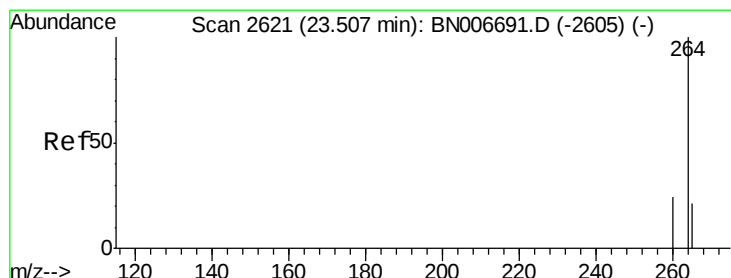
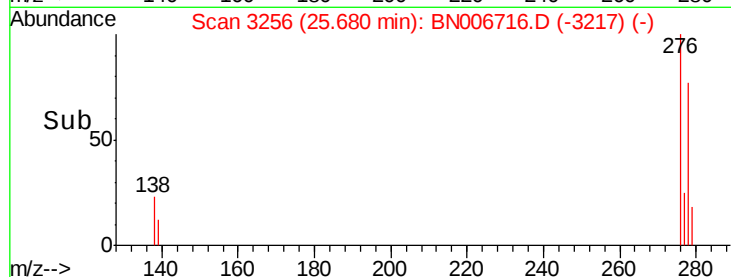
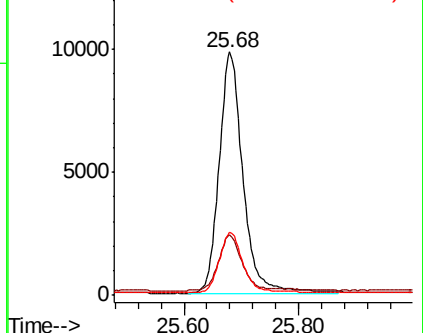
277 24.7 19.7 29.5



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# 2606

Delta R.T. -0.05 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

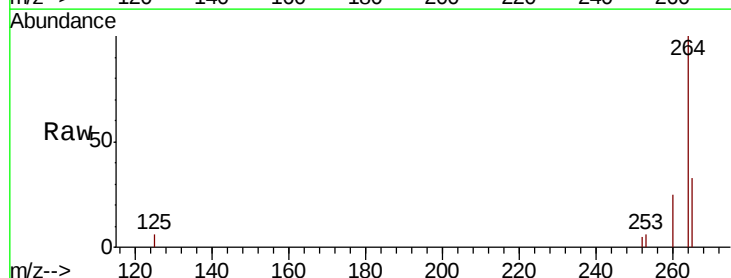
Tgt Ion:264 Resp: 18312

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

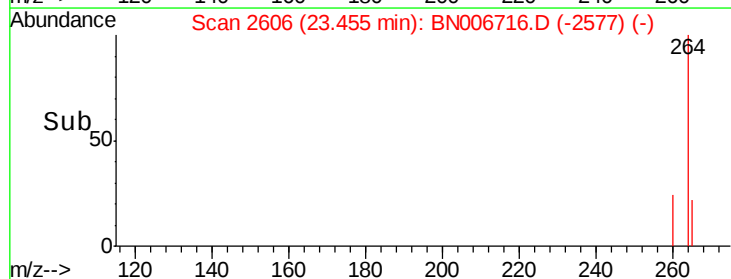
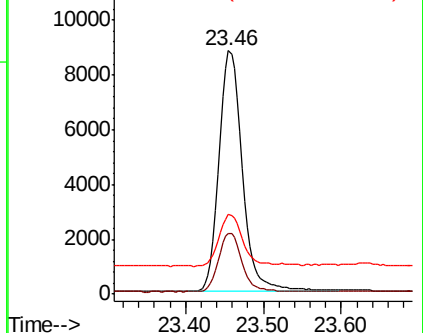
265 32.9 33.7 50.5#

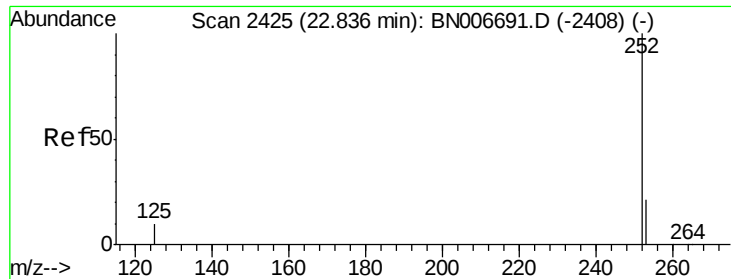


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.399 ng

RT: 22.79 min Scan# 2412

Delta R.T. -0.04 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

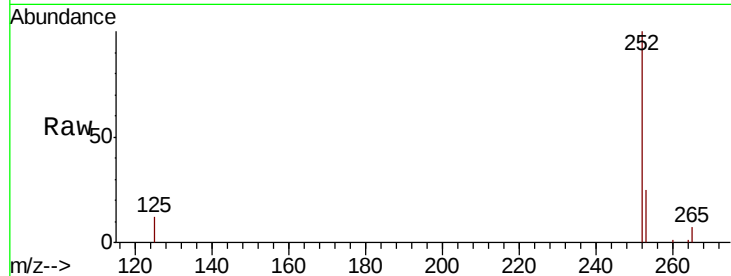
Tot Ion:252 Resp: 23463

Ion Ratio Lower Upper

252 100

253 24.8 20.2 30.2

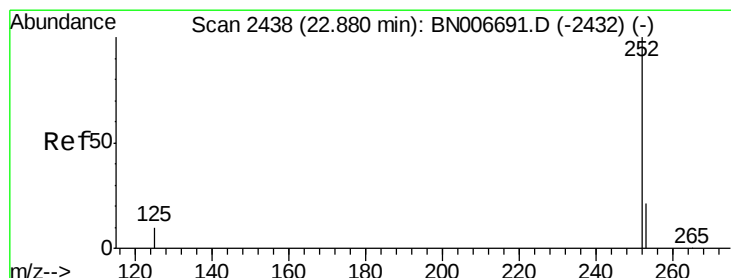
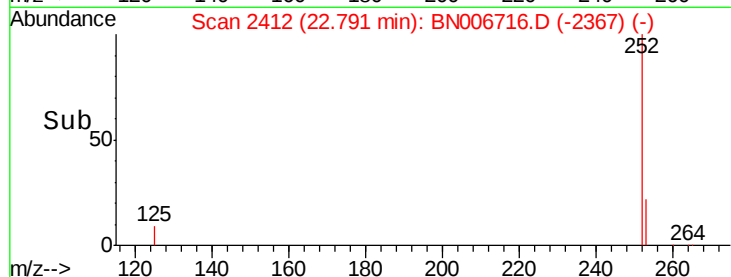
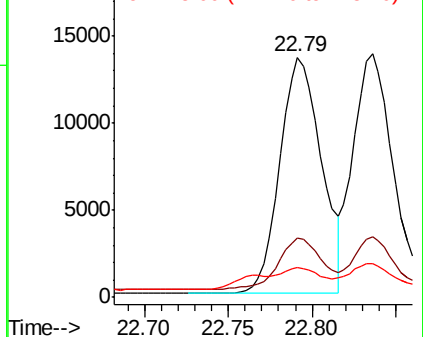
125 12.4 11.5 17.3



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: 0.379 ng

RT: 22.84 min Scan# 2425

Delta R.T. -0.04 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

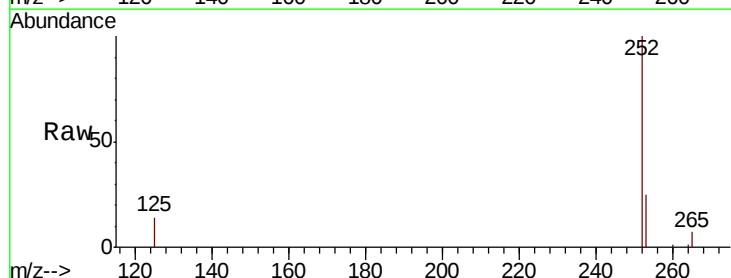
Tgt Ion:252 Resp: 24178

Ion Ratio Lower Upper

252 100

253 25.0 20.1 30.1

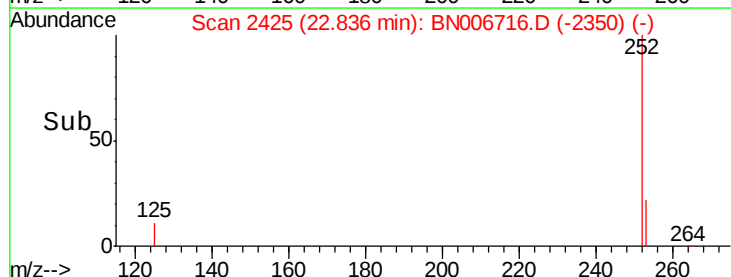
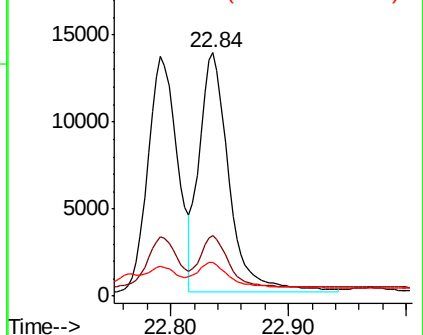
125 13.8 11.4 17.0

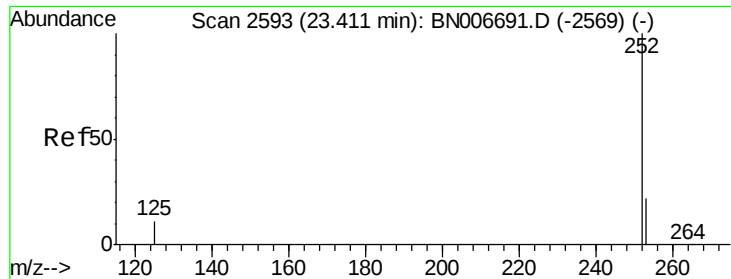


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.36 min Scan# 2579

Delta R.T. -0.05 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD

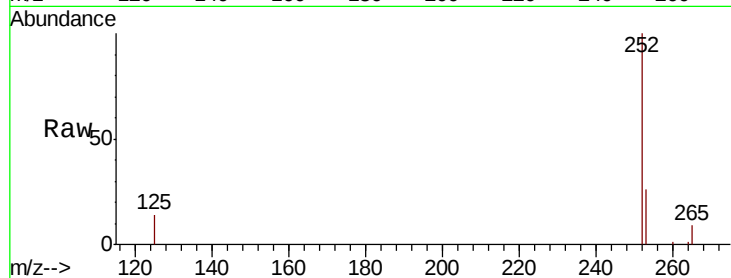
Tot Ion:252 Resp: 23034

Ion Ratio Lower Upper

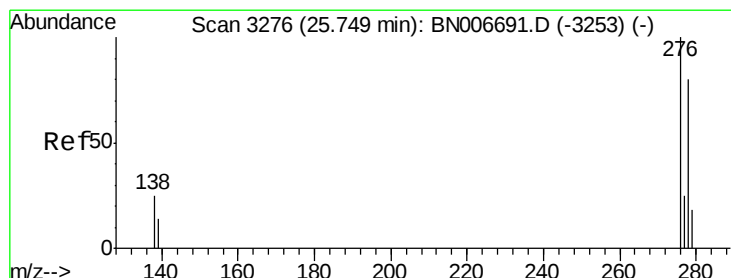
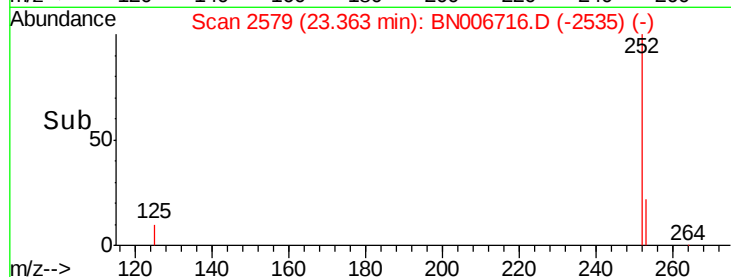
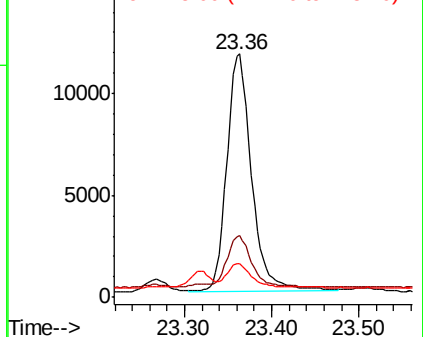
252 100

253 25.5 21.4 32.2

125 13.6 13.3 19.9



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



#38

Dibenzo(a,h)anthracene

Concen: 0.400 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006716.D

Acq: 05 Jul 2019 15:24

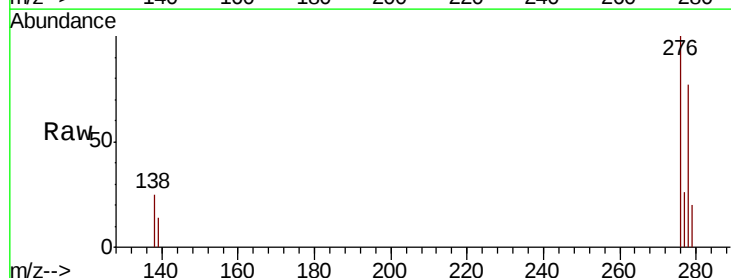
Tgt Ion:278 Resp: 22651

Ion Ratio Lower Upper

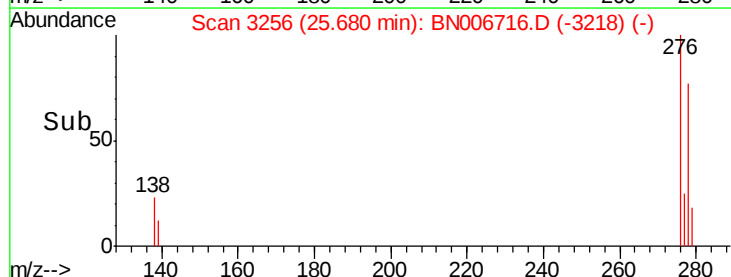
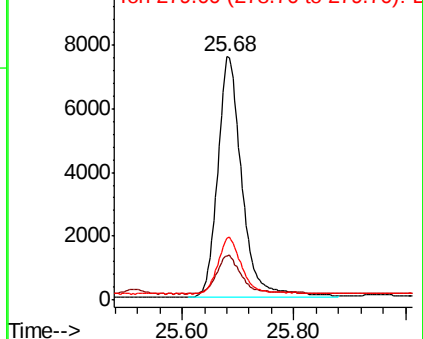
278 100

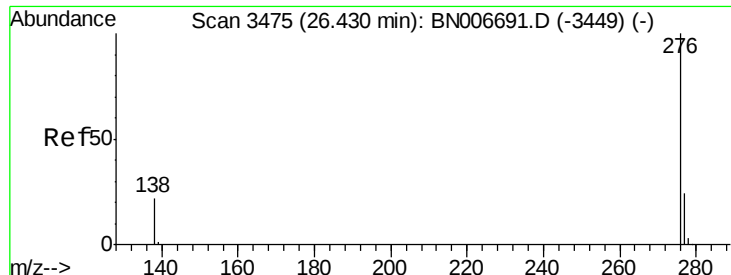
139 18.2 16.2 24.4

279 25.5 20.7 31.1



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(a,h,i)perylene

Concen: 0.423 ng

RT: 26.36 min Scan# 3455

Delta R.T. -0.07 min

Lab File: BN006716.D

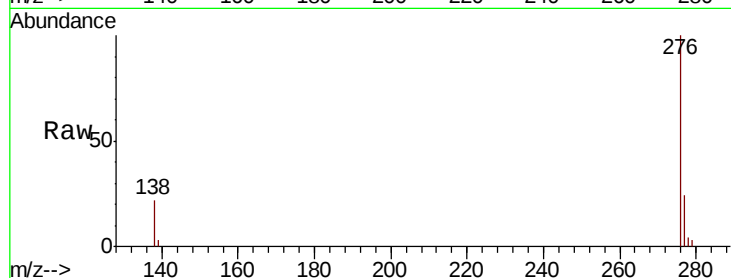
Acq: 05 Jul 2019 15:24

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MSD



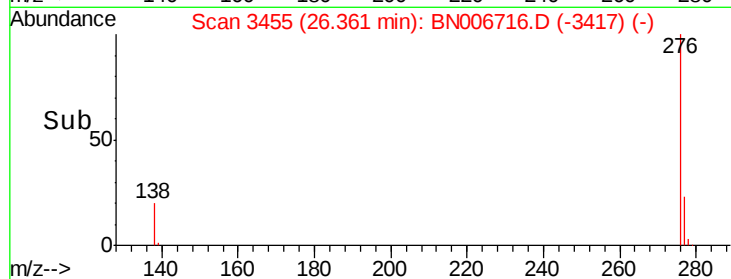
Tot Ion: 276 Resp: 24603

Ion Ratio Lower Upper

276 100

277 24.5 20.6 30.8

138 21.9 19.7 29.5



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

