

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008714.D
 Acq On : 22 Nov 2019 20:24
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 10:31:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:21:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4204	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	15323	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9472	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	20378	0.40	ng	0.00
27) Chrysene-d12	21.16	240	19697	0.40	ng	0.00
34) Perylene-d12	23.33	264	19998	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4422	0.40	ng	0.00
5) Phenol-d6	6.78	99	5598	0.40	ng	0.00
8) Nitrobenzene-d5	8.73	82	5485	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	9711	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1685	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	14987	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	23743	0.40	ng	0.00
29) Terphenyl-d14	19.61	244	19167	0.40	ng	0.00

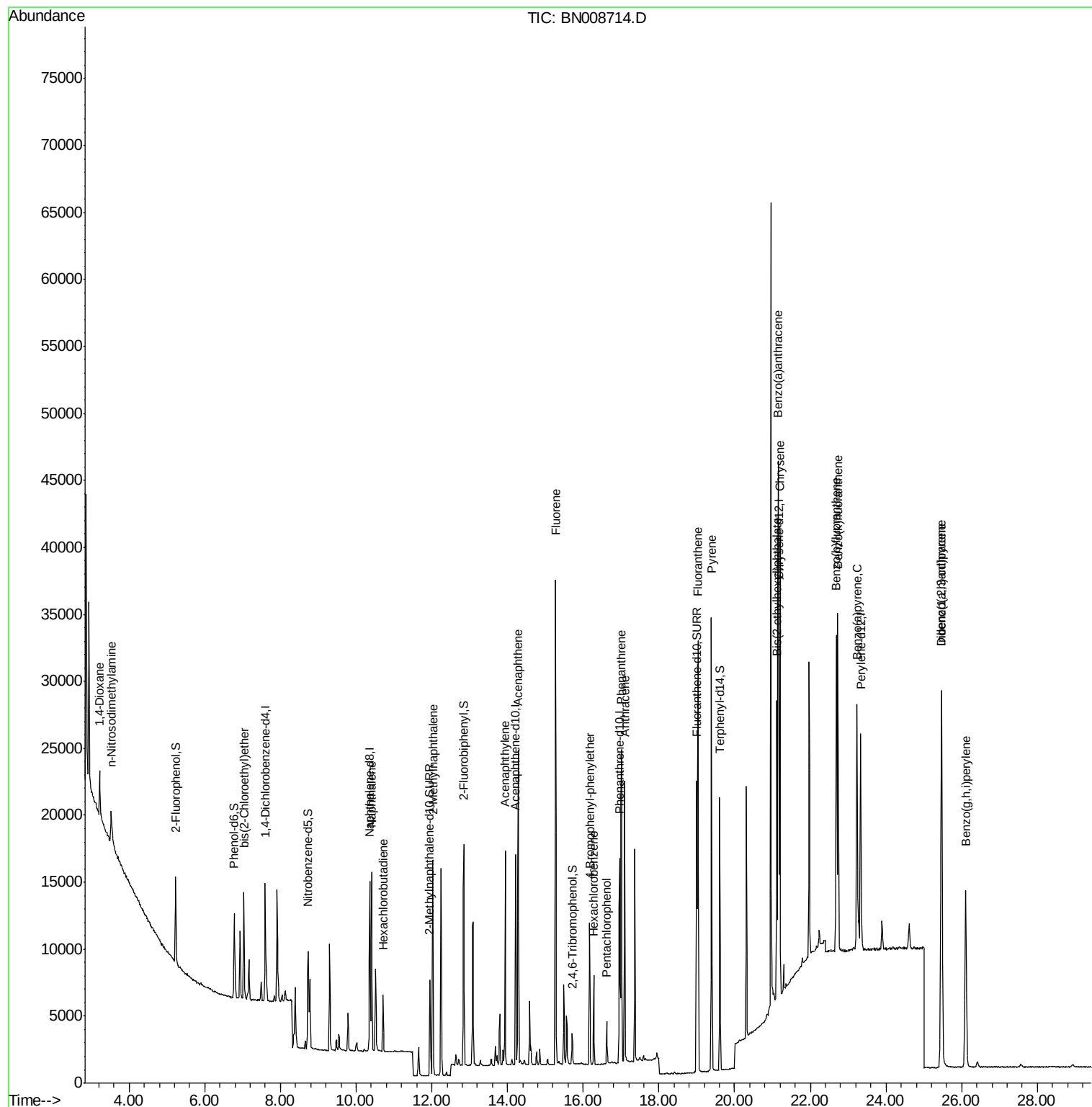
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	1769	0.398	ng	100
3) n-Nitrosodimethylamine	3.53	42	2057	0.730	ng	# 94
6) bis(2-Chloroethyl)ether	7.03	93	5326	0.408	ng	100
9) Naphthalene	10.41	128	16744	0.409	ng	100
10) Hexachlorobutadiene	10.71	225	3475	0.410	ng	# 100
12) 2-Methylnaphthalene	12.02	142	11491	0.404	ng	100
16) Acenaphthylene	13.93	152	17111	0.393	ng	100
17) Acenaphthene	14.28	154	11177	0.389	ng	100
18) Fluorene	15.27	166	14607	0.397	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	5004	0.393	ng	100
21) Hexachlorobenzene	16.28	284	5573	0.398	ng	100
22) Pentachlorophenol	16.62	266	1702	0.339	ng	100
23) Phenanthrene	17.01	178	24784	0.394	ng	100
24) Anthracene	17.09	178	21856	0.389	ng	100
26) Fluoranthene	19.03	202	29029	0.393	ng	100
28) Pyrene	19.39	202	29315	0.403	ng	100
30) Benzo(a)anthracene	21.15	228	28632	0.397	ng	100
31) Chrysene	21.20	228	28210	0.404	ng	100
32) Bis(2-ethylhexyl)phthalate	21.11	149	17233	0.368	ng	100
33) Indeno(1,2,3-cd)pyrene	25.46	276	31394	0.404	ng	100
35) Benzo(b)fluoranthene	22.69	252	27659	0.400	ng	100
36) Benzo(k)fluoranthene	22.73	252	28409	0.406	ng	100
37) Benzo(a)pyrene	23.23	252	25554	0.399	ng	100
38) Dibenzo(a,h)anthracene	25.47	278	25416	0.402	ng	100
39) Benzo(g,h,i)perylene	26.10	276	25304	0.402	ng	100

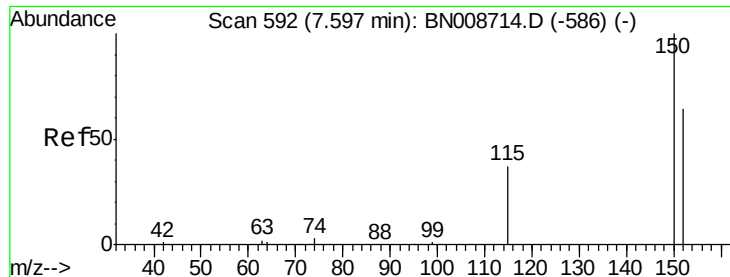
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008714.D
Acq On : 22 Nov 2019 20:24
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:21:24 2019
Response via : Initial Calibration



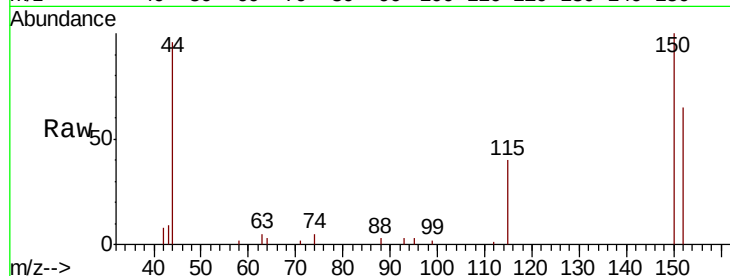


#1

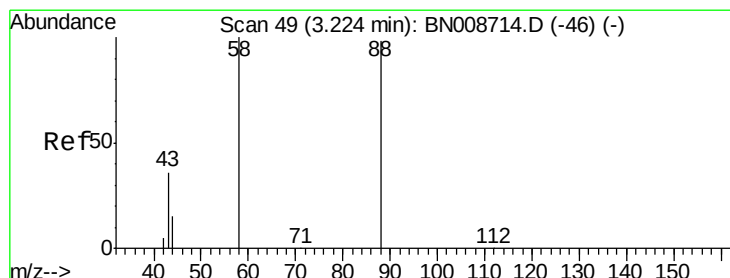
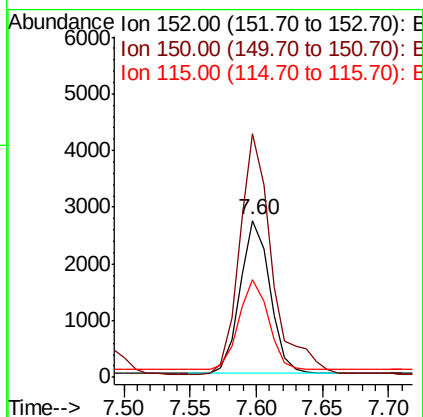
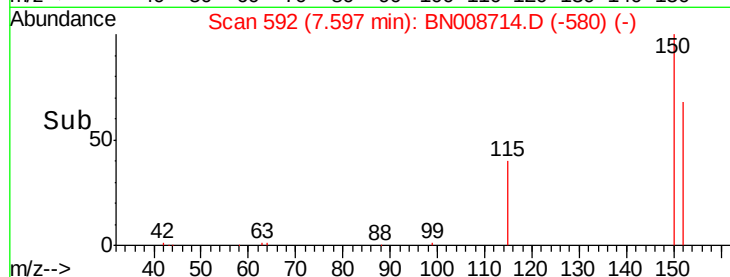
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4204
Ion Ratio Lower Upper
152 100
150 155.0 124.0 186.0
115 62.3 49.8 74.8



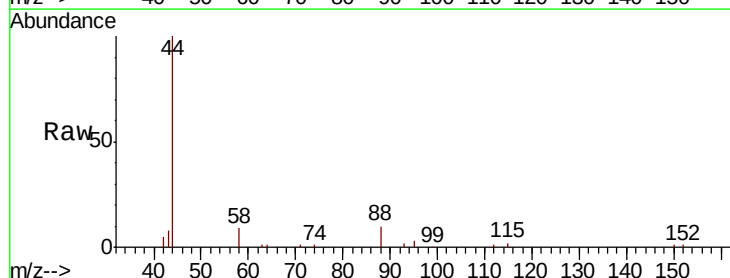
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



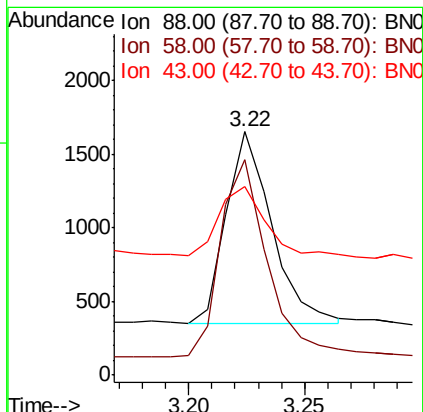
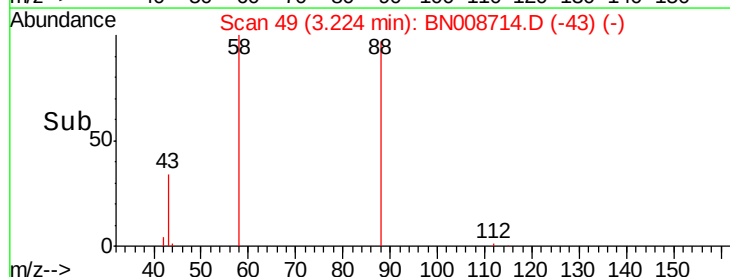
#2

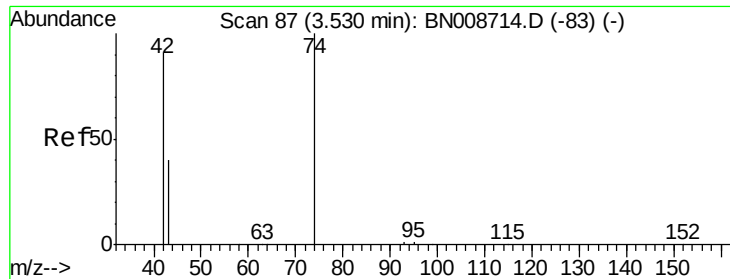
1,4-Dioxane
Concen: 0.398 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion: 88 Resp: 1769
Ion Ratio Lower Upper
88 100
58 107.1 85.7 128.5
43 36.9 29.5 44.3



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



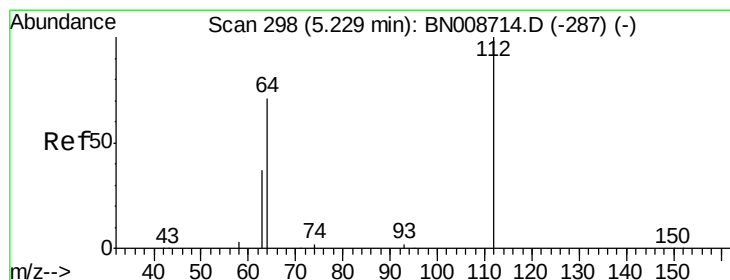
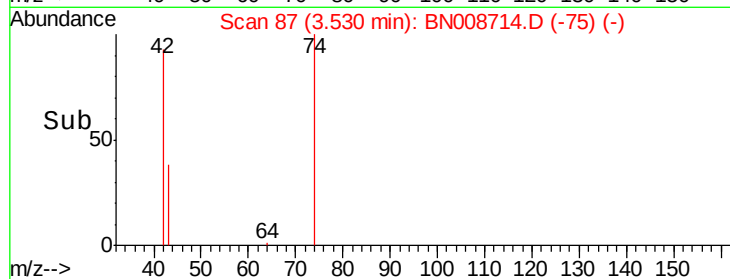
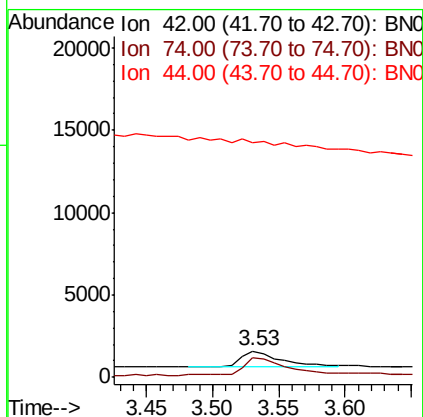
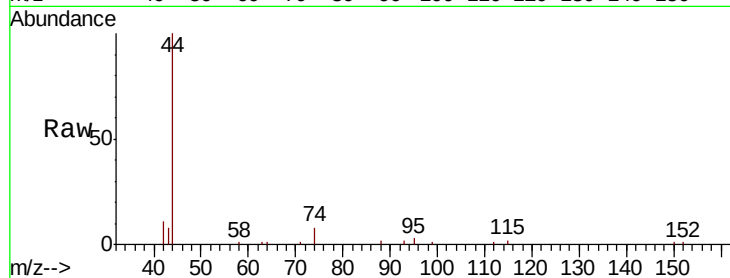


#3

n-Nitrosodimethylamine
 Concen: 0.730 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BN008714.D
 Acq: 22 Nov 2019 20:24

Instrument :
 BNA_N
 ClientSampleId :

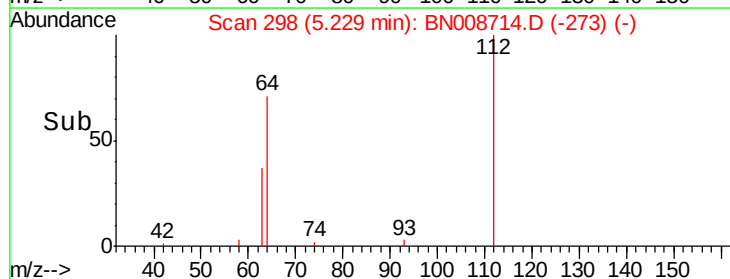
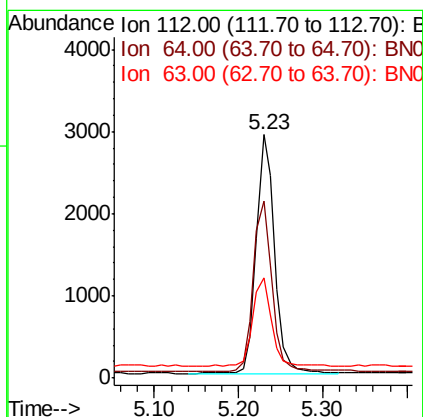
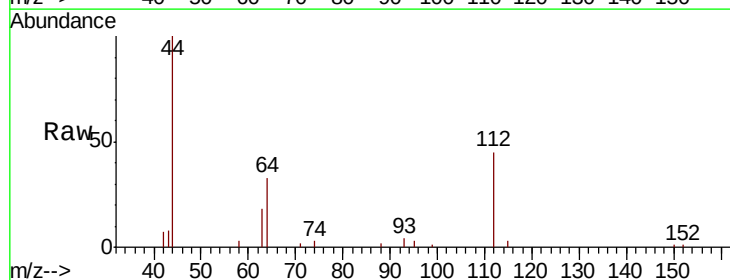
Tot Ion:	42	Resp:	2057
Ion	Ratio	Lower	Upper
42	100		
74	115.8	88.0	132.0
44	0.0	0.0	0.0

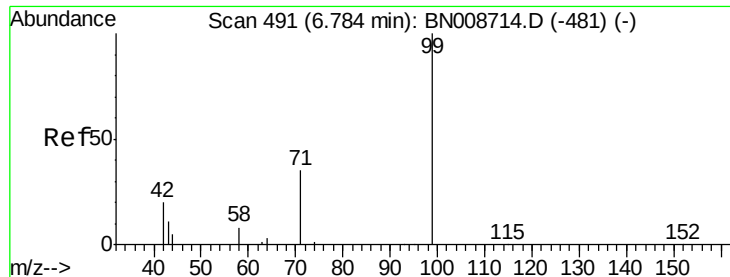


#4

2-Fluorophenol
 Concen: 0.402 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008714.D
 Acq: 22 Nov 2019 20:24

Tgt Ion:	112	Resp:	4422
Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.1	85.7
63	37.1	29.7	44.5





#5

Phenol-d6

Concen: 0.402 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

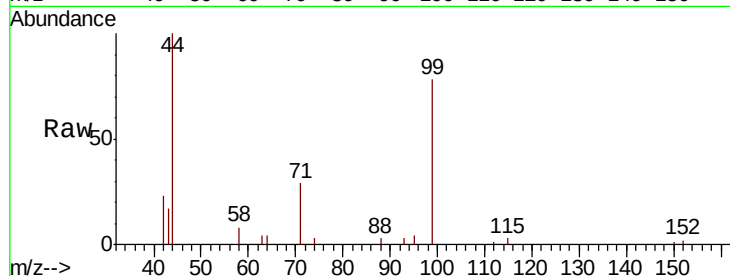
Tot Ion: 99 Resp: 5598

Ion Ratio Lower Upper

99 100

42 24.3 19.4 29.2

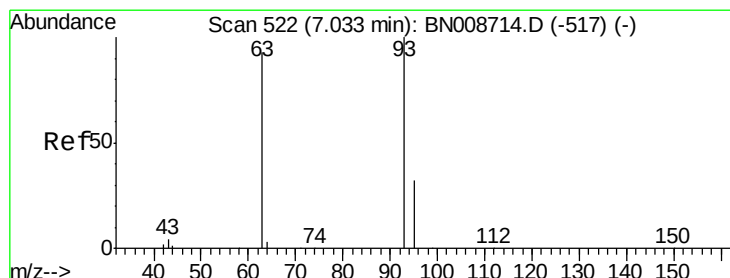
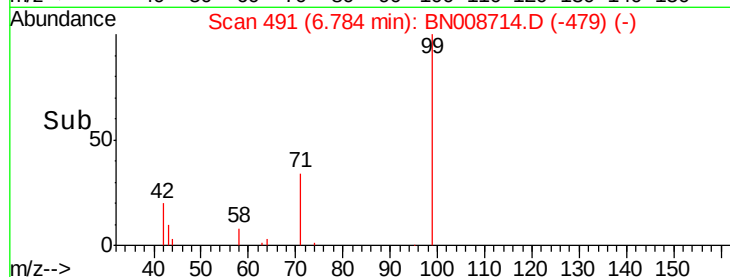
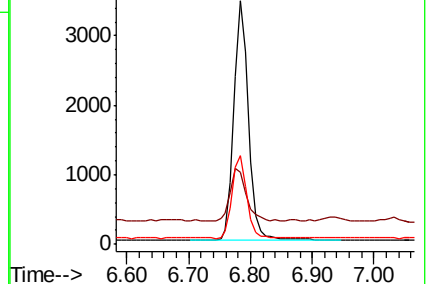
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008714.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN008714.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN008714.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

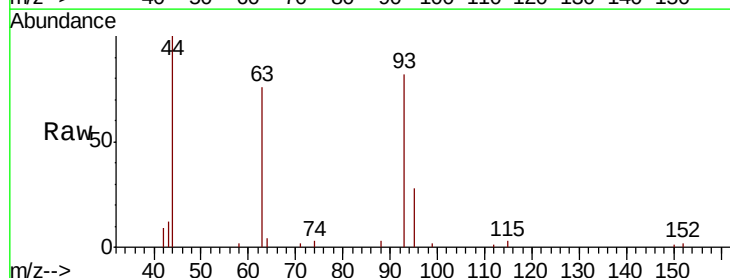
Tgt Ion: 93 Resp: 5326

Ion Ratio Lower Upper

93 100

63 92.8 74.2 111.4

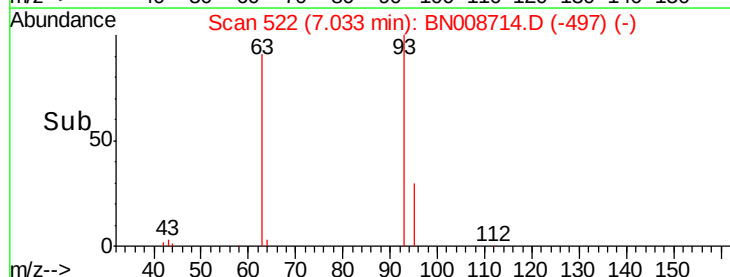
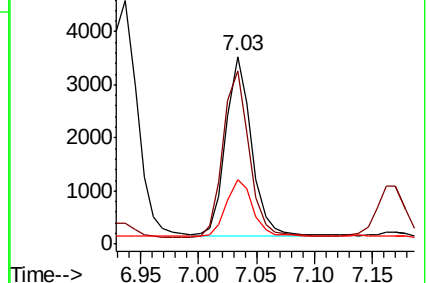
95 32.7 26.2 39.2

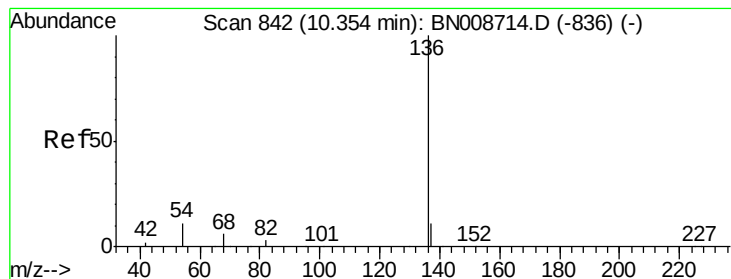


Abundance Ion 93.00 (92.70 to 93.70): BN008714.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN008714.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN008714.D (-517) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15323

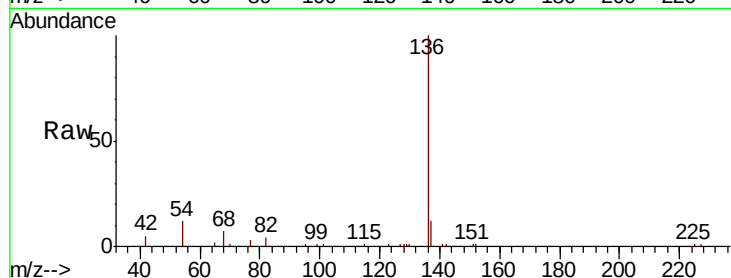
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 11.8 9.4 14.2

68 7.2 5.8 8.6

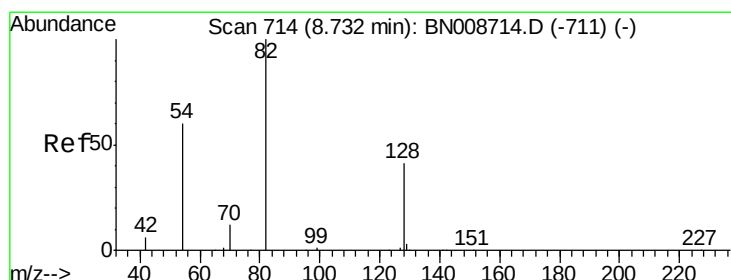
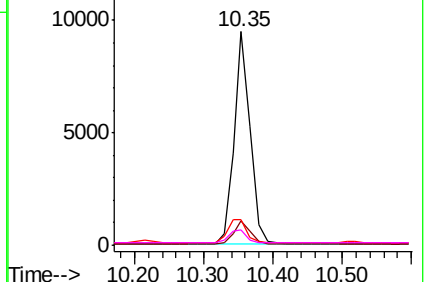
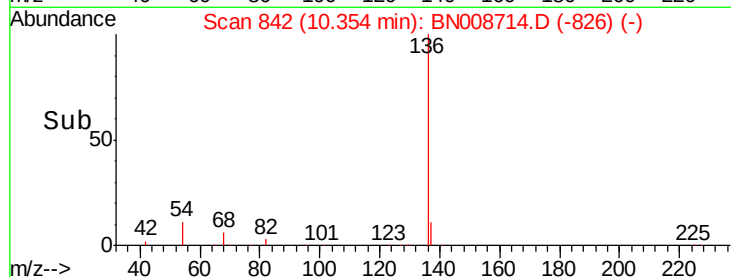


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

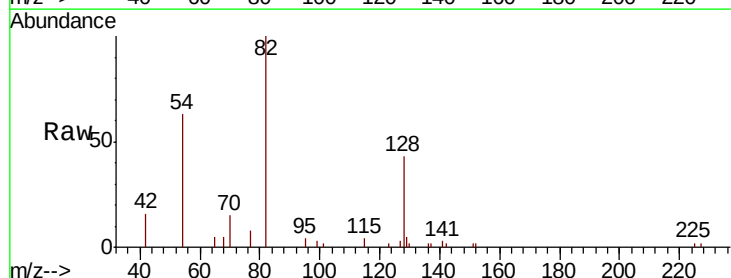
Tgt Ion: 82 Resp: 5485

Ion Ratio Lower Upper

82 100

128 43.3 34.6 52.0

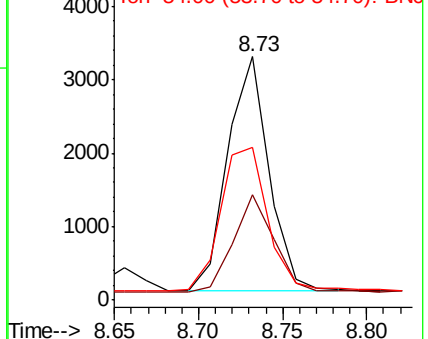
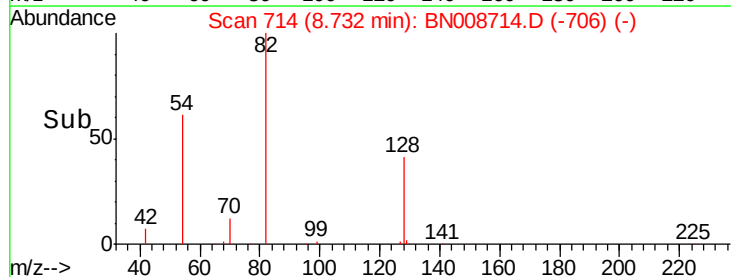
54 62.8 50.2 75.4

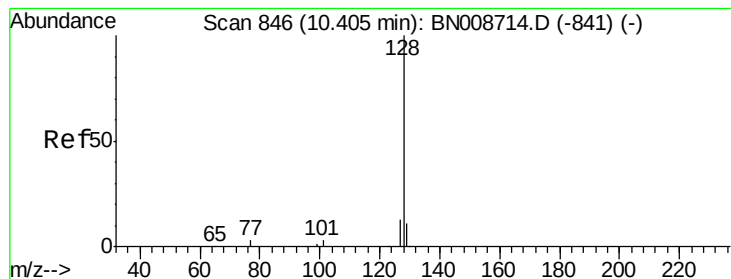


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

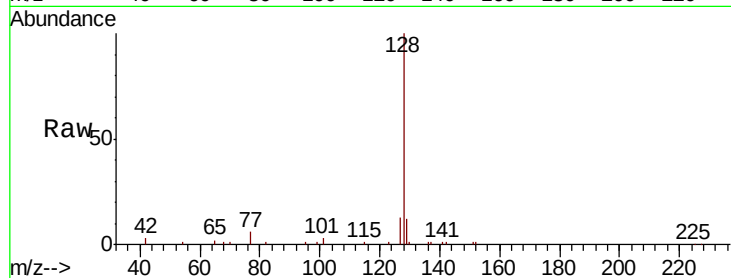
Tot Ion:128 Resp: 16744

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

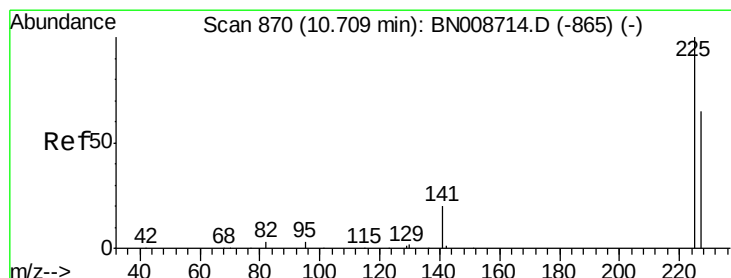
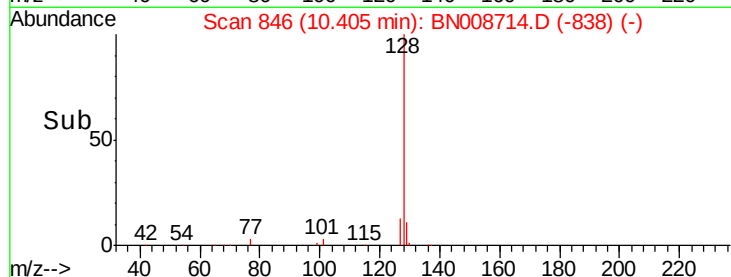
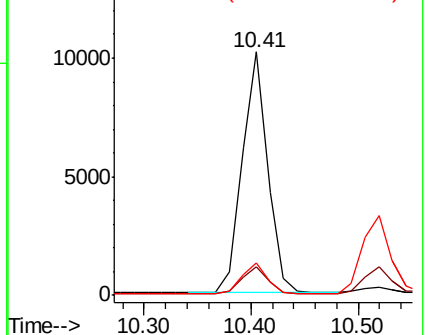
127 13.1 10.5 15.7



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: 0.410 ng

RT: 10.71 min Scan# 870

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

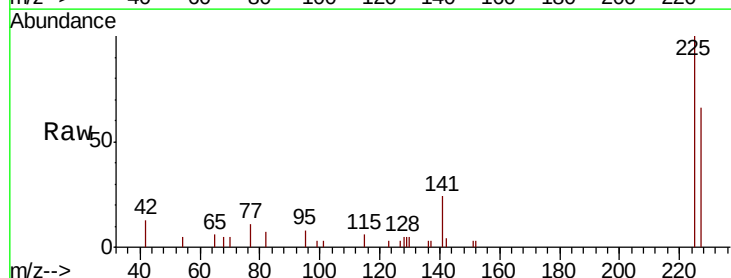
Tgt Ion:225 Resp: 3475

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

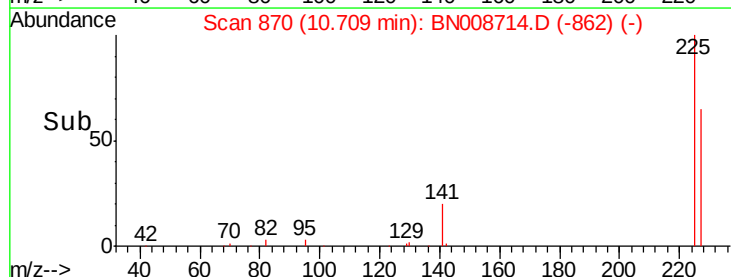
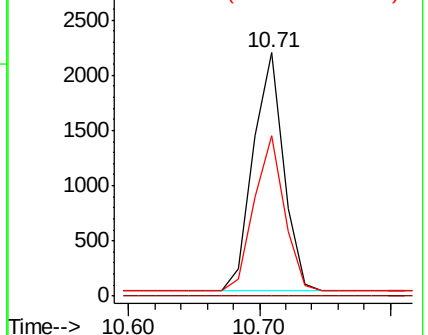
227 64.7 51.8 77.6

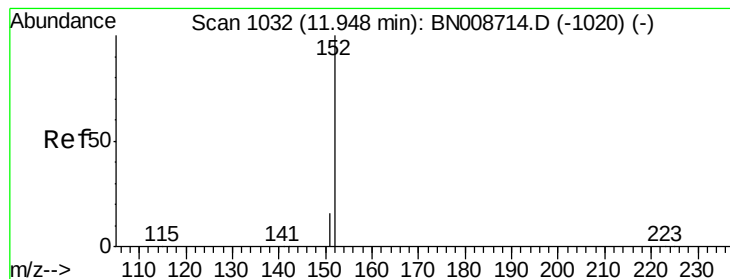


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

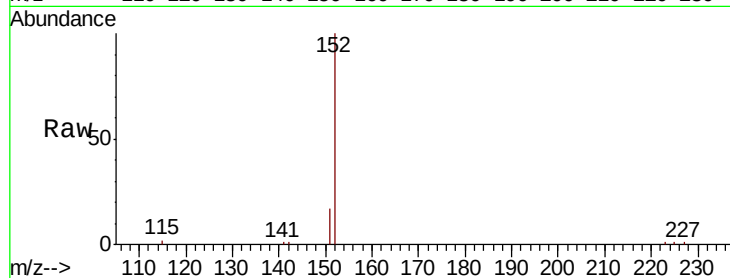
ClientSampleId :

Tot Ion:152 Resp: 9711

Ion Ratio Lower Upper

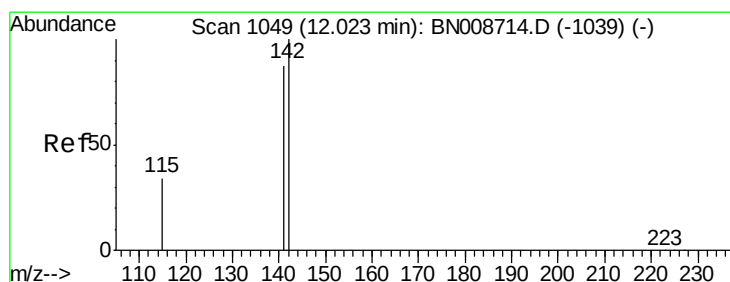
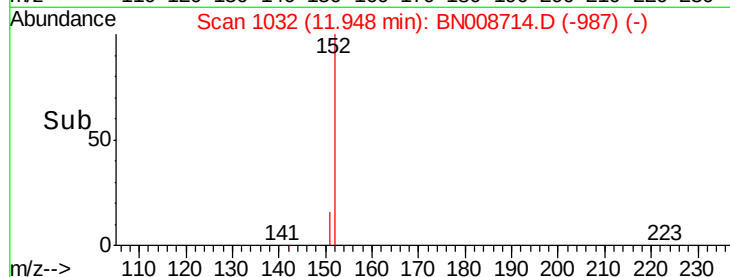
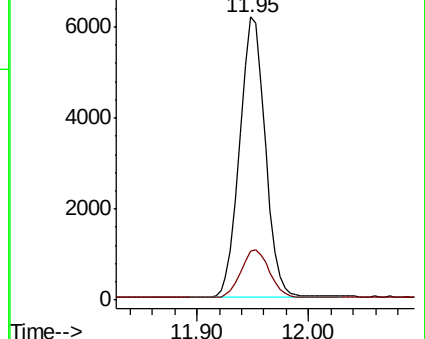
152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 12.02 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

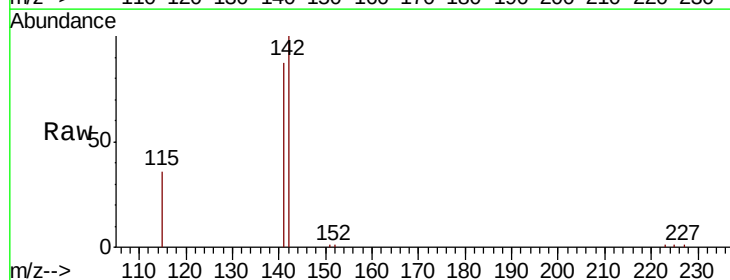
Tgt Ion:142 Resp: 11491

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

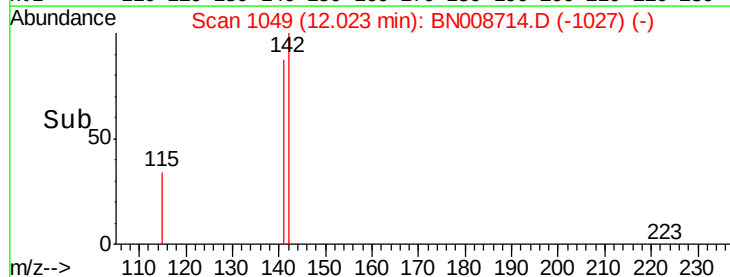
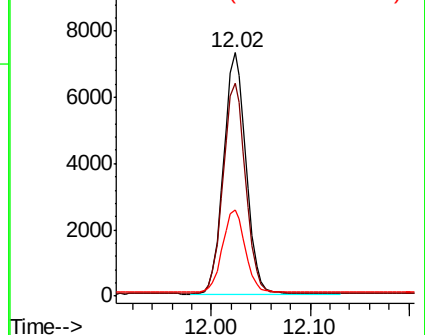
115 35.5 28.4 42.6

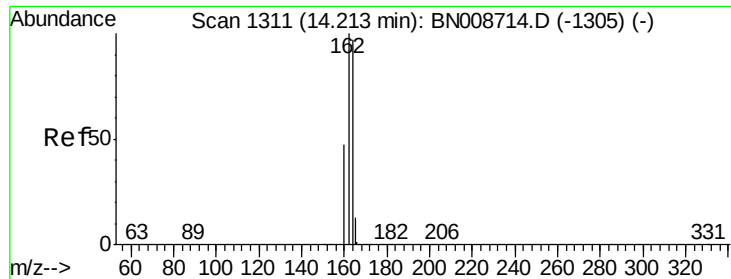


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

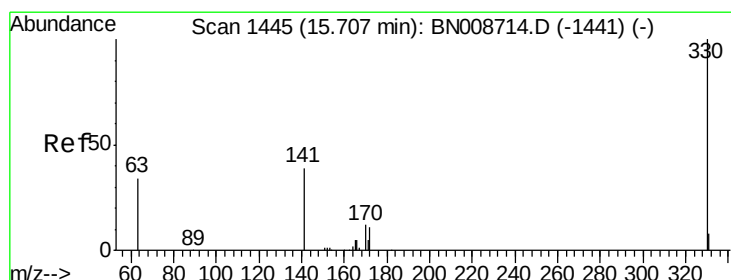
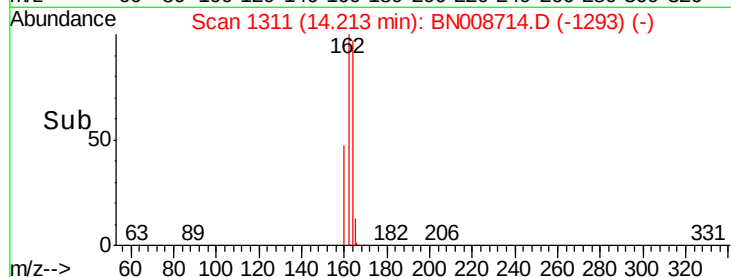
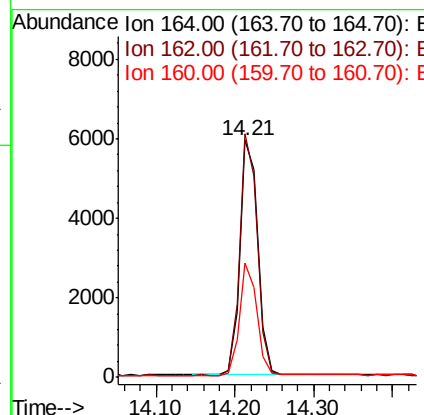
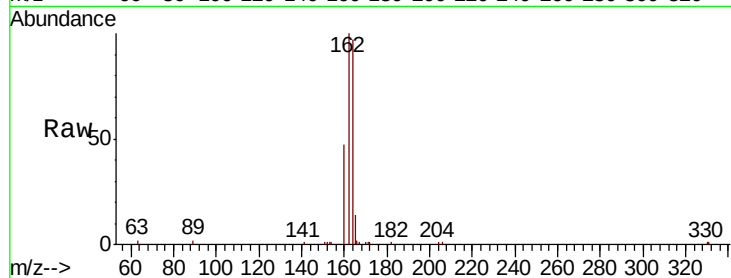




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BN008714.D
 Acq: 22 Nov 2019 20:24

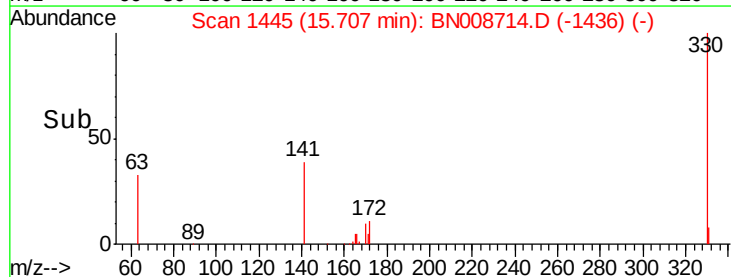
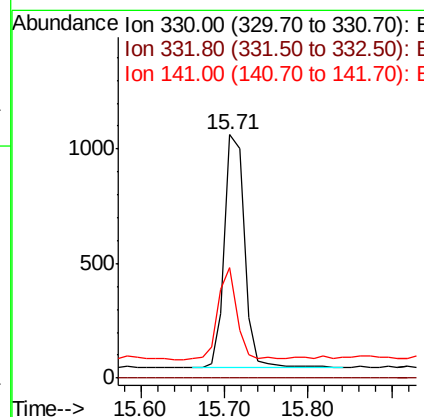
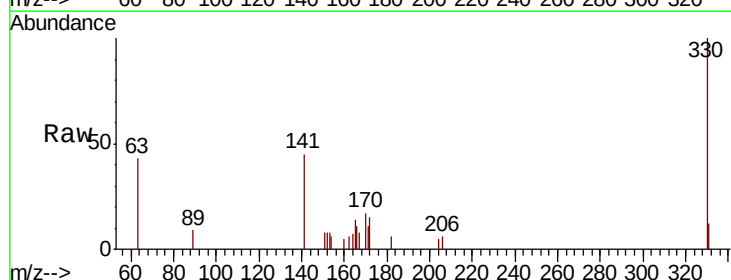
Instrument :
 BNA_N
 ClientSampleId :

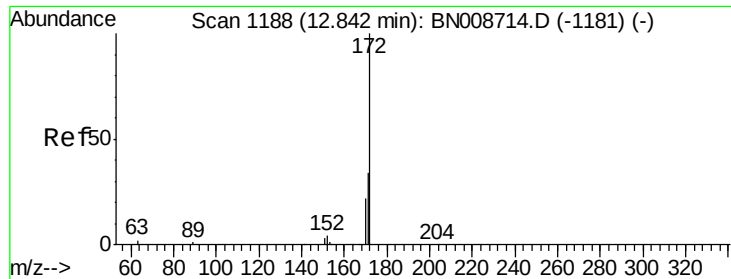
Tot Ion:164 Resp: 9472
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.4
 160 48.4 38.7 58.1



#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BN008714.D
 Acq: 22 Nov 2019 20:24

Tgt Ion:330 Resp: 1685
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.9 29.5 44.3

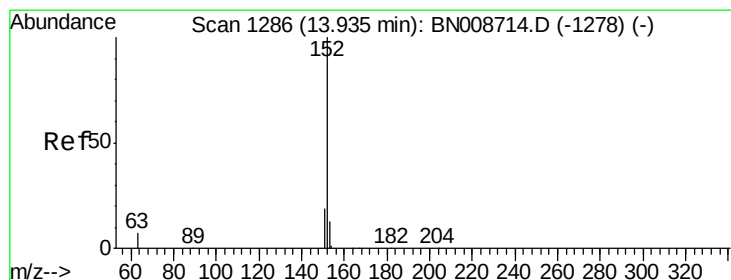
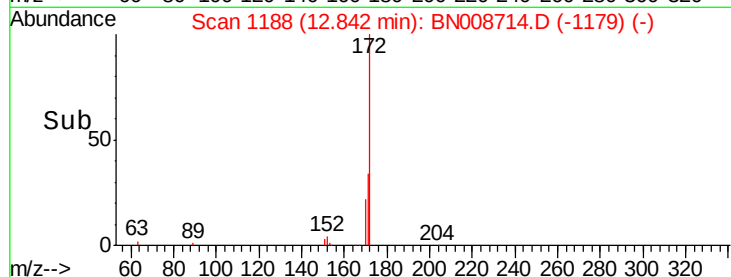
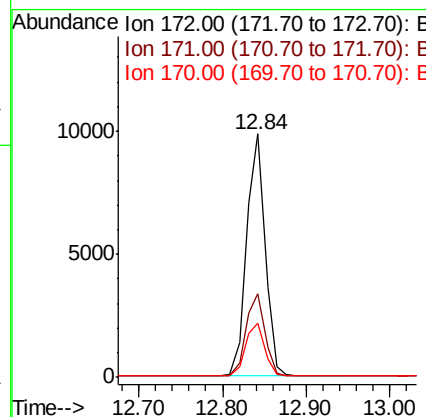
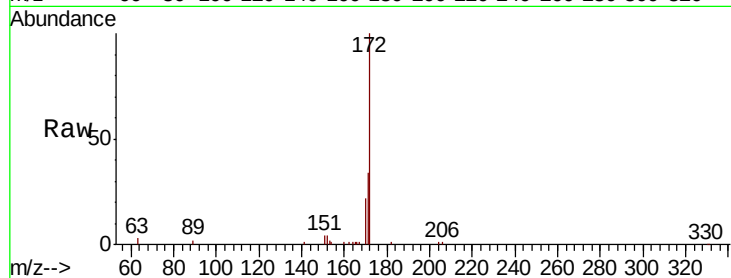




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

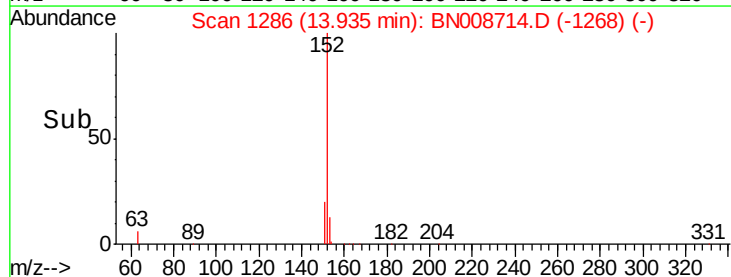
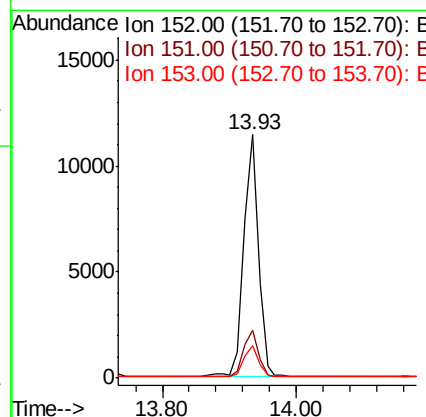
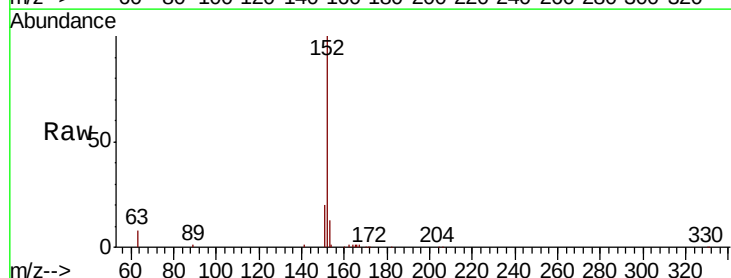
Instrument :
BNA_N
ClientSampled :

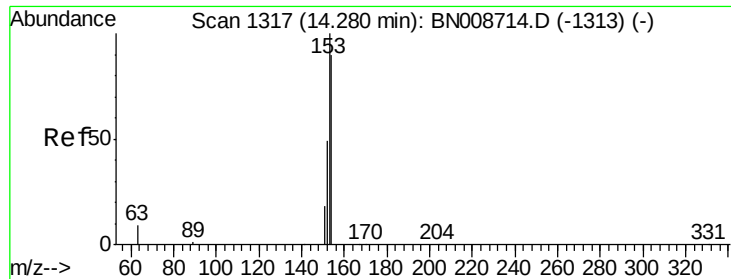
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	22.2	17.8	26.6



#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.3	15.5

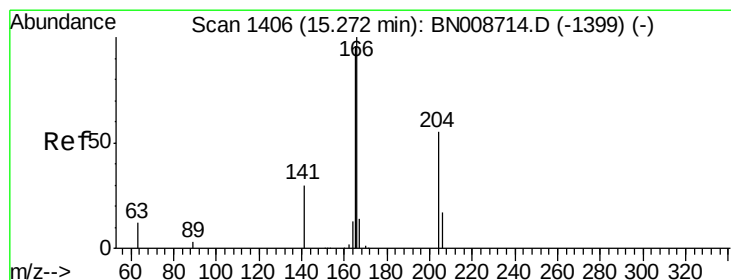
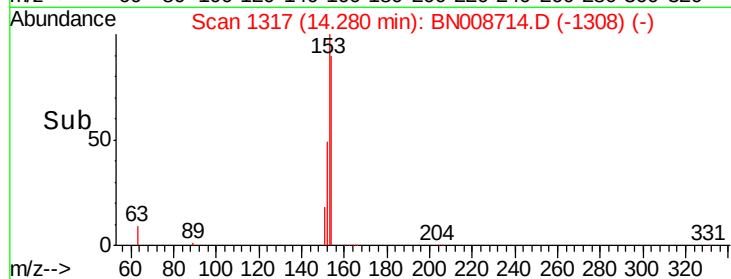
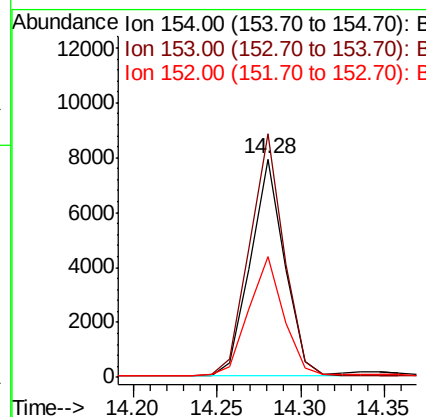
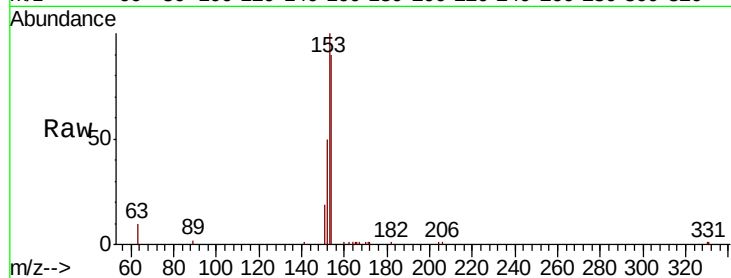




#17
Acenaphthene
Concen: 0.389 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

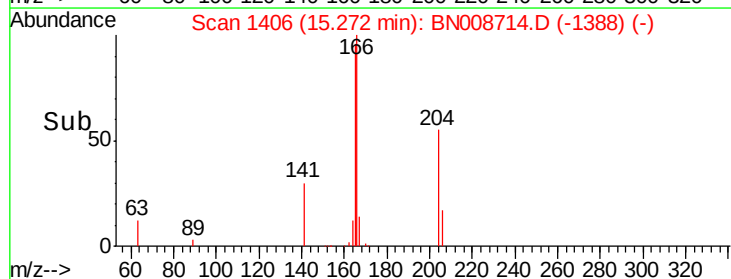
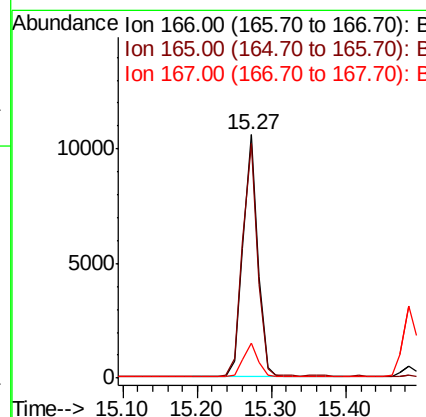
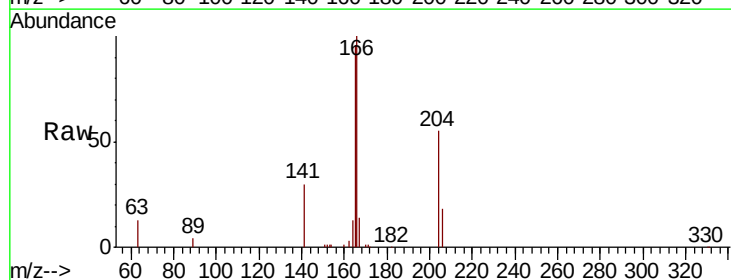
Instrument :
BNA_N
ClientSampleId :

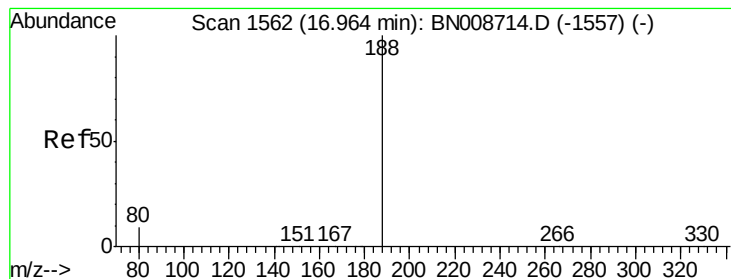
Tot Ion:154 Resp: 11177
Ion Ratio Lower Upper
154 100
153 112.0 89.6 134.4
152 55.9 44.7 67.1



#18
Fluorene
Concen: 0.397 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:166 Resp: 14607
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

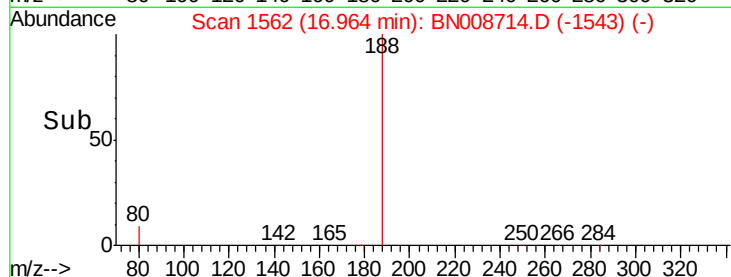
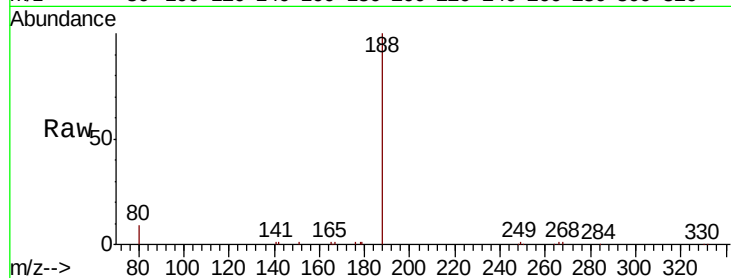
Tot Ion:188 Resp: 20378

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

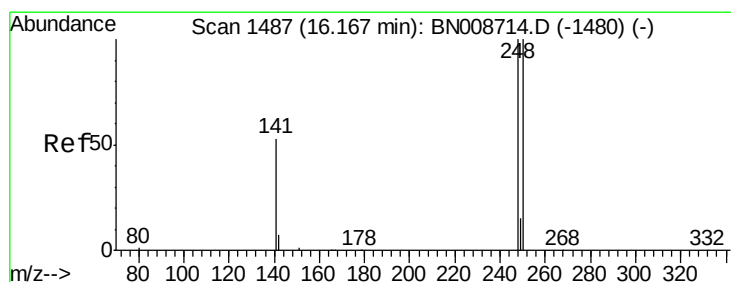
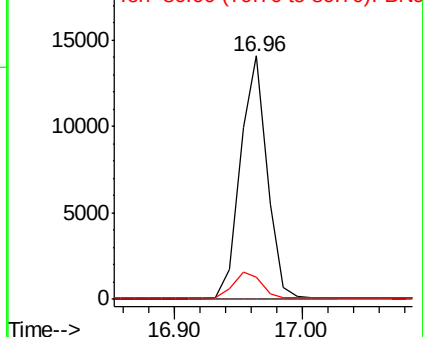
80 9.2 7.4 11.0



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: 0.393 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

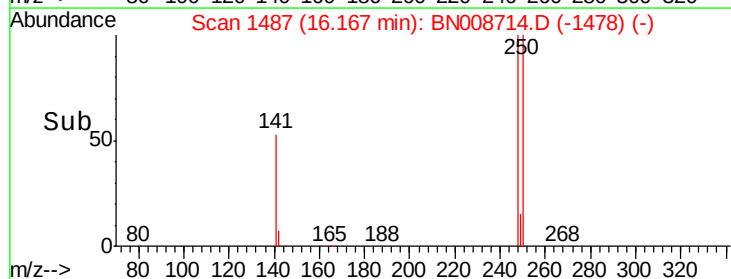
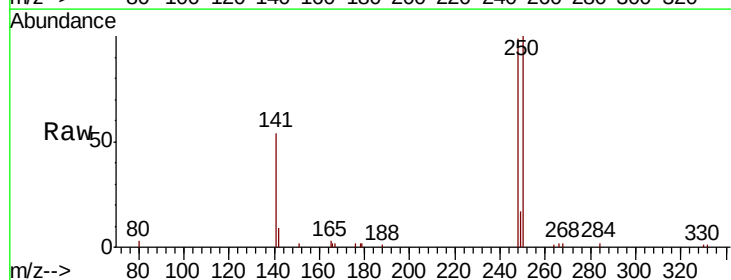
Tgt Ion:248 Resp: 5004

Ion Ratio Lower Upper

248 100

250 100.6 80.5 120.7

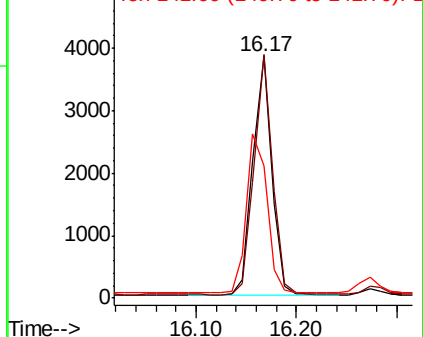
141 54.7 43.8 65.6

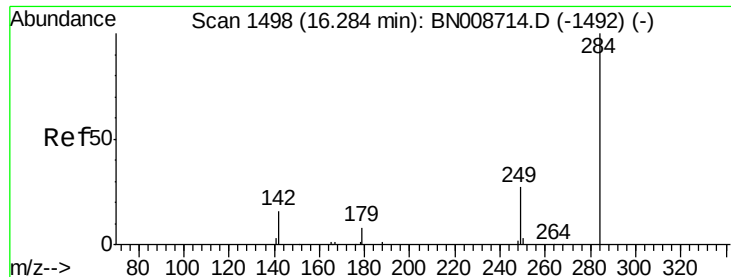


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

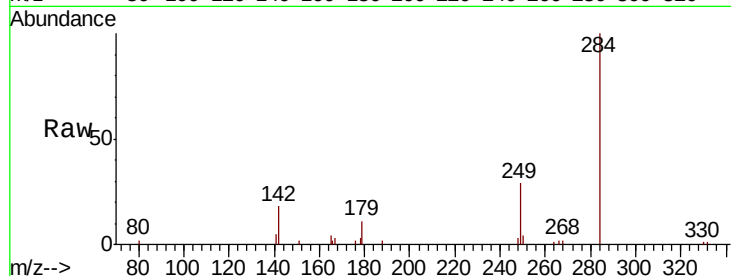




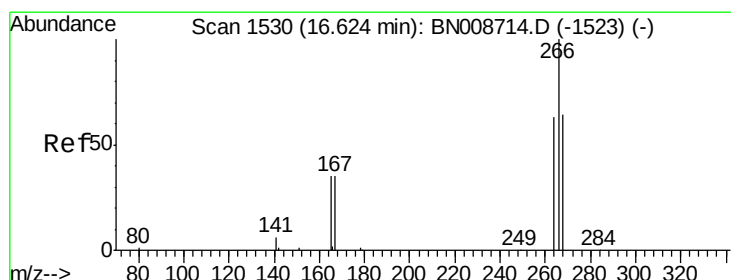
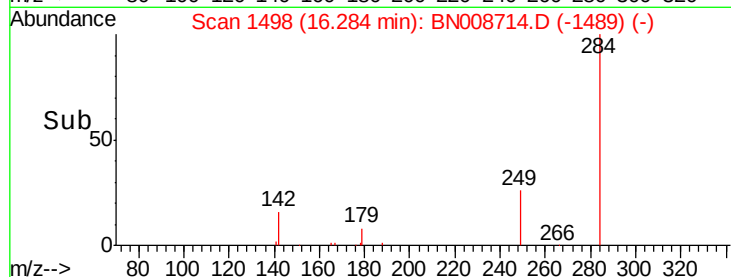
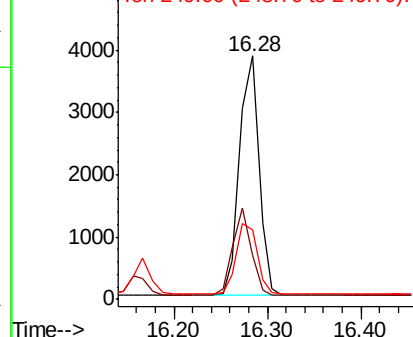
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.28 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 5573
Ion Ratio Lower Upper
284 100
142 34.2 27.4 41.0
249 31.7 25.4 38.0

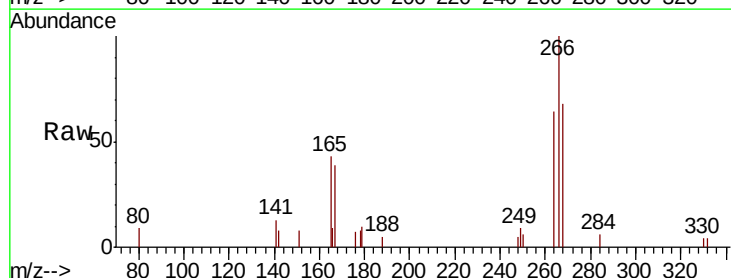


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

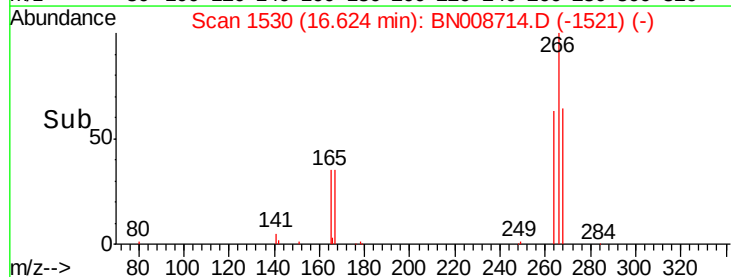
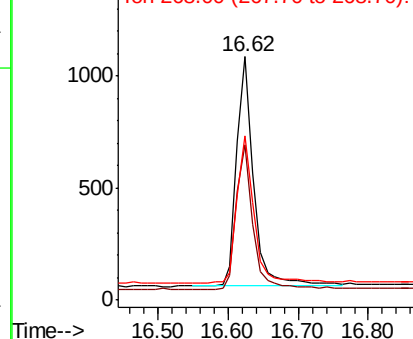


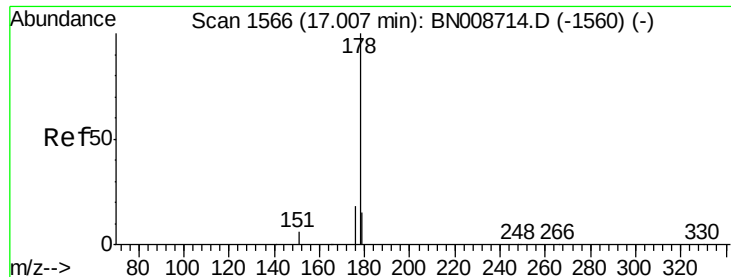
#22
Pentachlorophenol
Concen: 0.339 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:266 Resp: 1702
Ion Ratio Lower Upper
266 100
264 63.7 51.0 76.4
268 67.6 54.1 81.1



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: 0.394 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

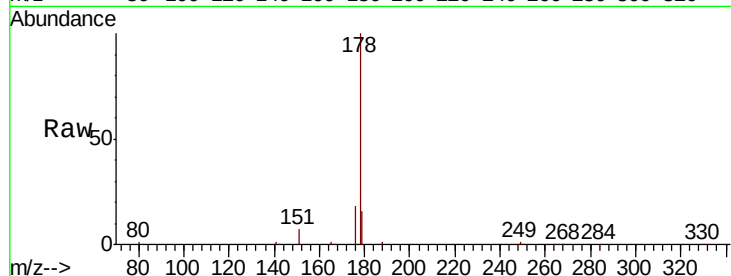
Tot Ion:178 Resp: 24784

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

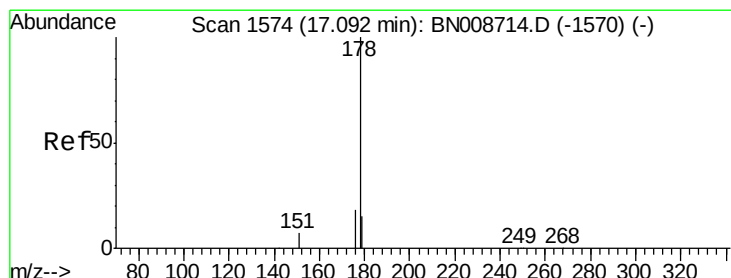
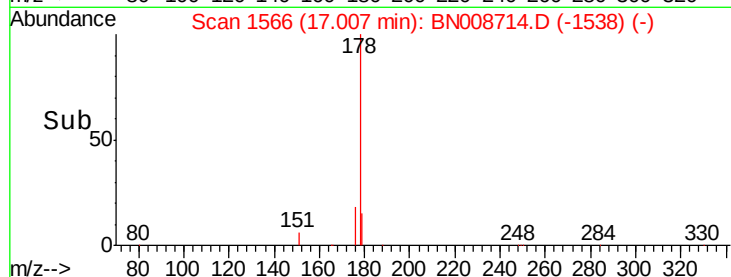
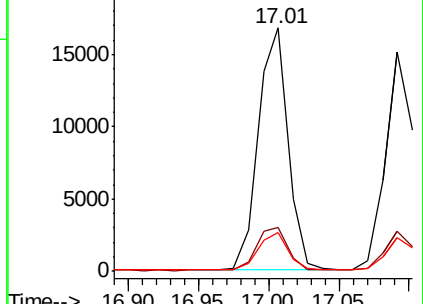
179 15.4 12.3 18.5



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: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

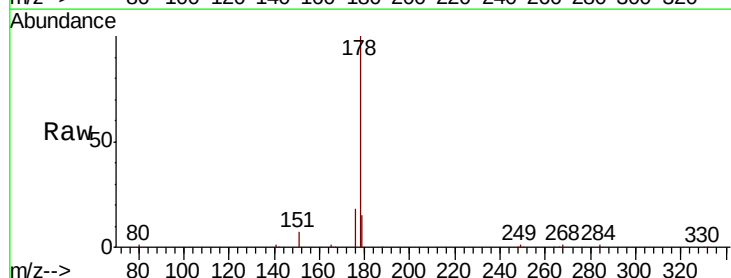
Tgt Ion:178 Resp: 21856

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

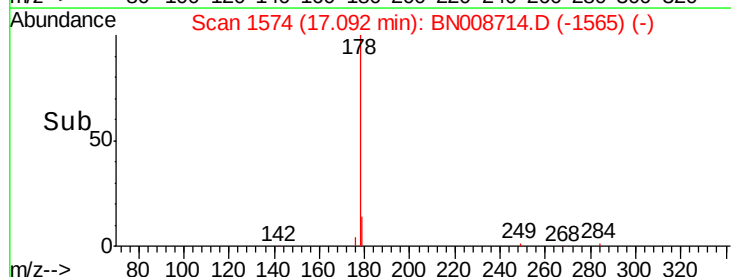
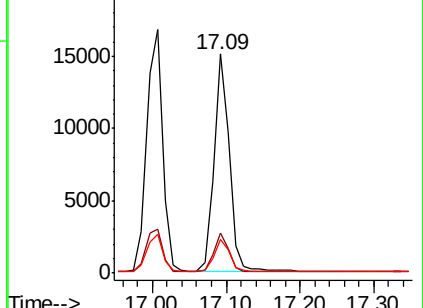
179 15.0 12.0 18.0

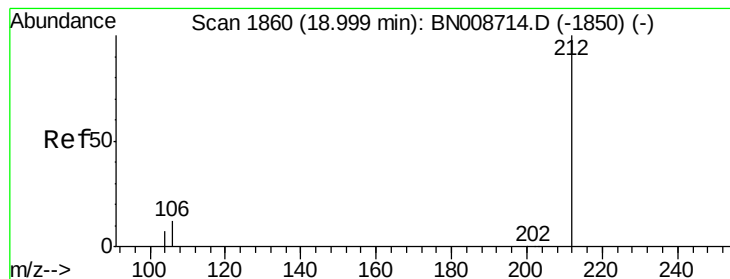


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

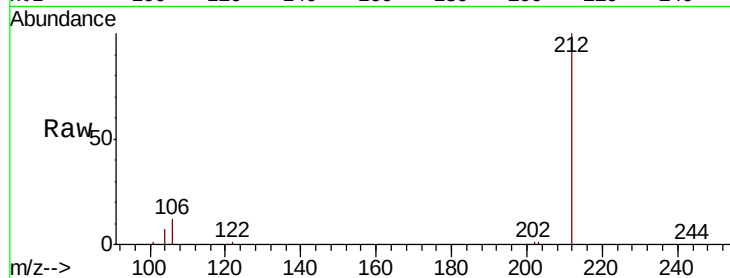
Tot Ion:212 Resp: 23743

Ion Ratio Lower Upper

212 100

106 13.2 10.6 15.8

104 7.5 6.0 9.0

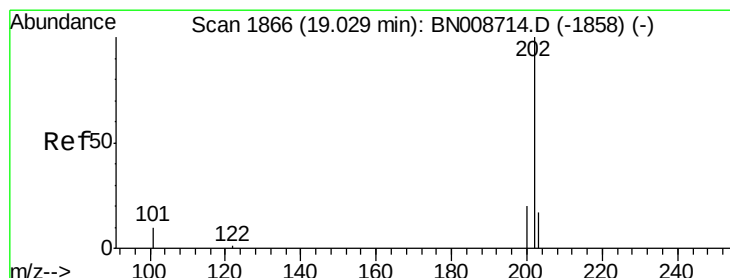
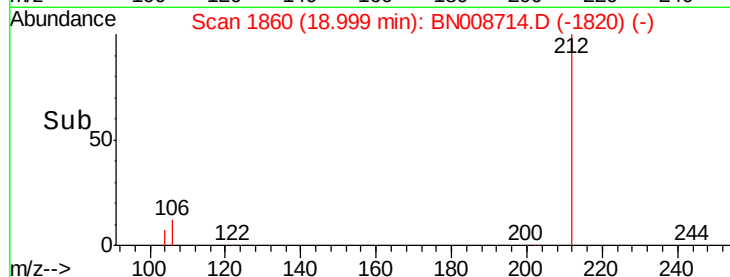
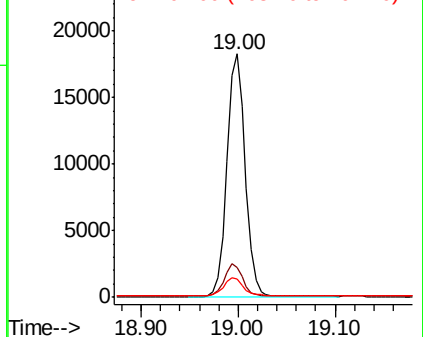


Abundance

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: 0.393 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

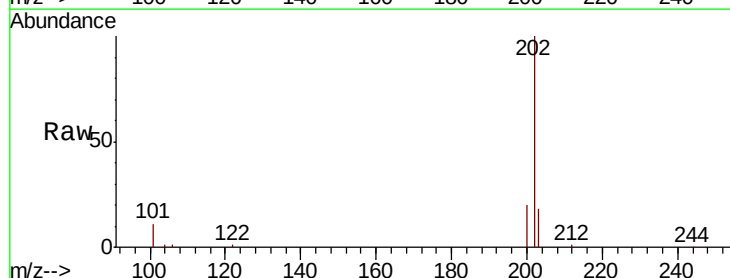
Tgt Ion:202 Resp: 29029

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

203 17.2 13.8 20.6

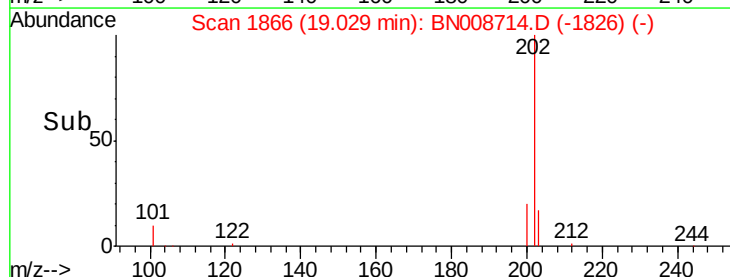
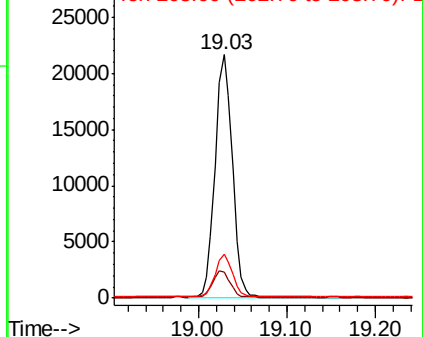


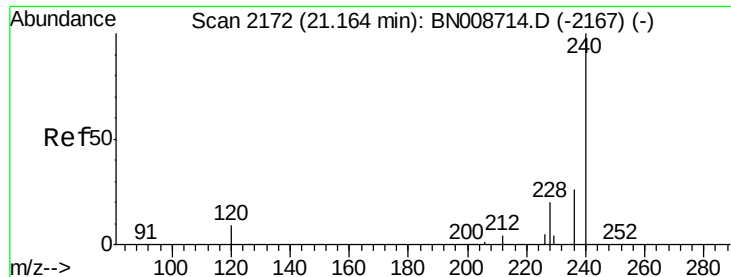
Abundance

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: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

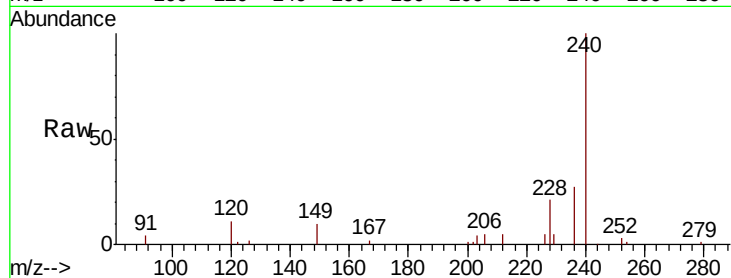
Tot Ion:240 Resp: 19697

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

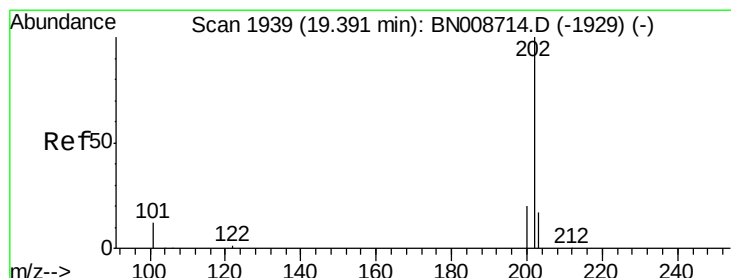
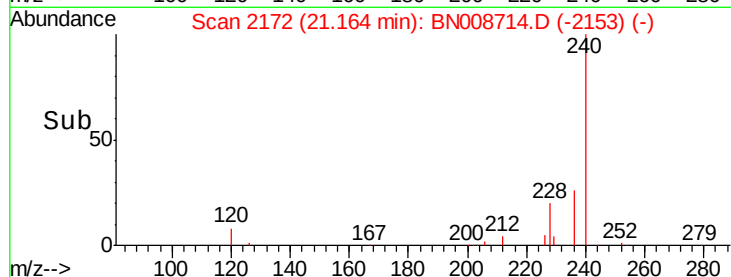
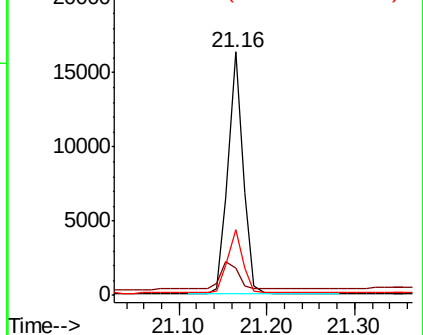
236 27.2 21.8 32.6



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: 0.403 ng

RT: 19.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

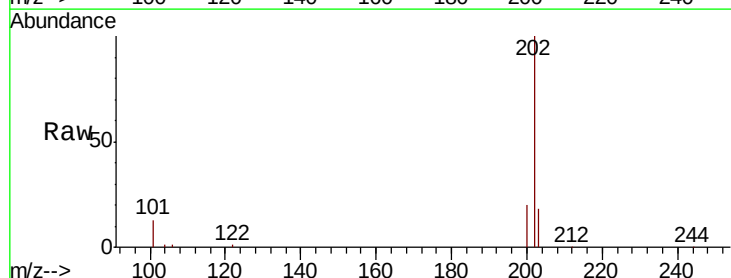
Tgt Ion:202 Resp: 29315

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

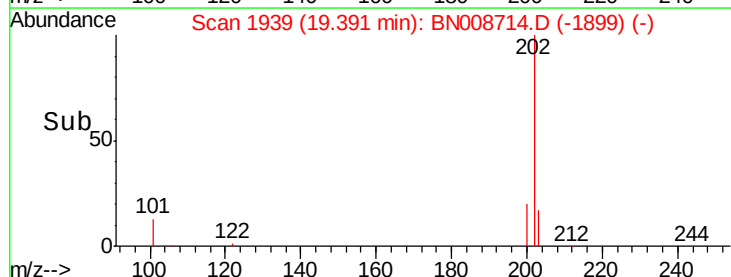
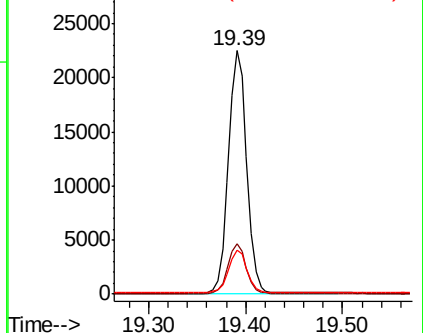
203 17.5 14.0 21.0

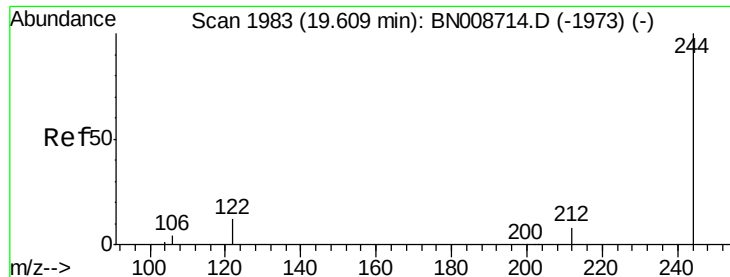


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

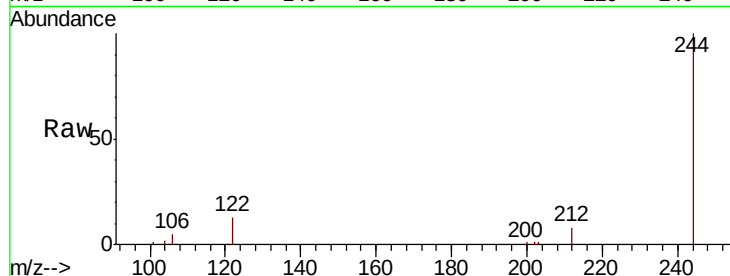
Tot Ion:244 Resp: 19167

Ion Ratio Lower Upper

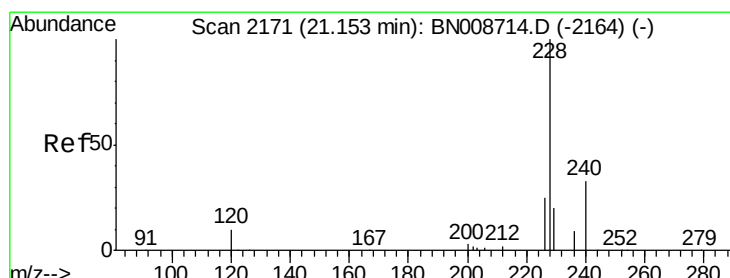
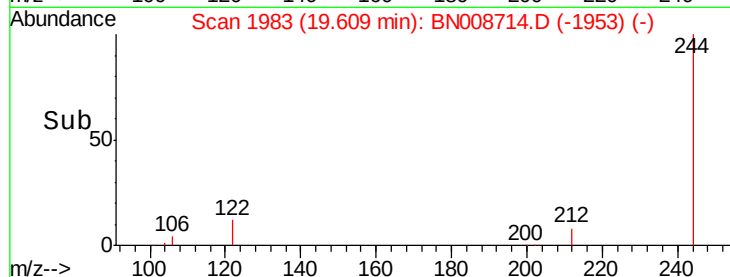
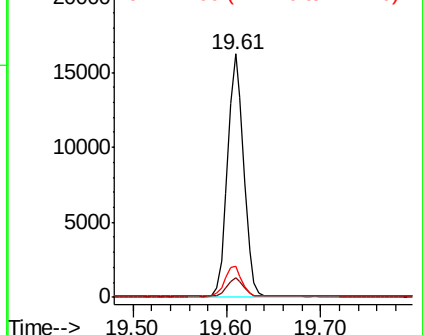
244 100

212 8.2 6.6 9.8

122 12.6 10.1 15.1



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: 0.397 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

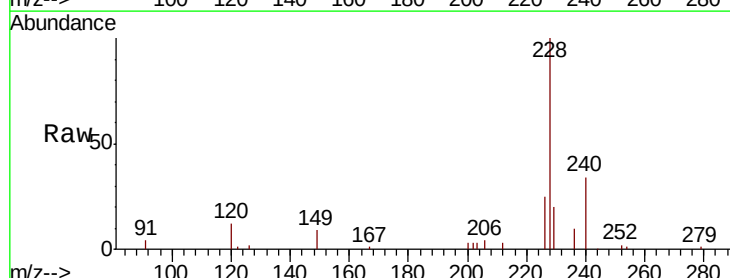
Tgt Ion:228 Resp: 28632

Ion Ratio Lower Upper

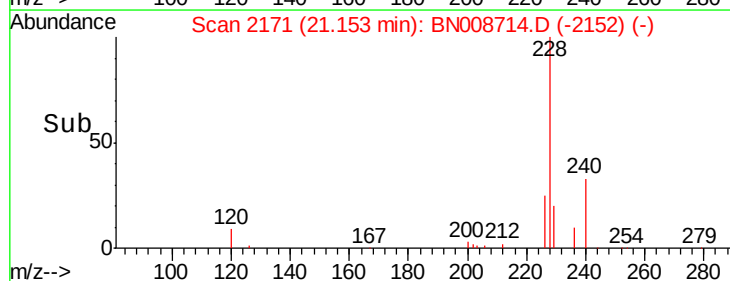
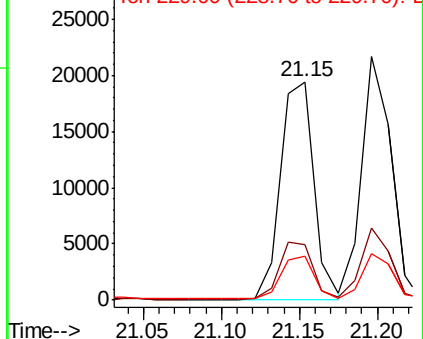
228 100

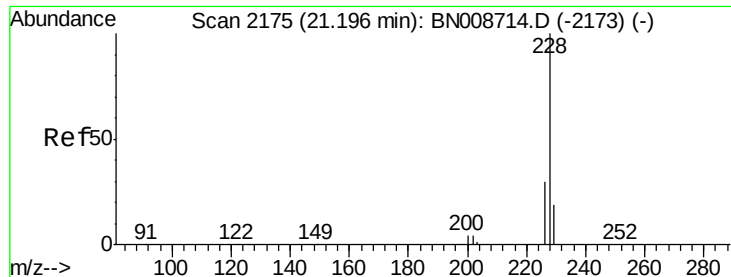
226 25.4 20.3 30.5

229 20.3 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: 0.404 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

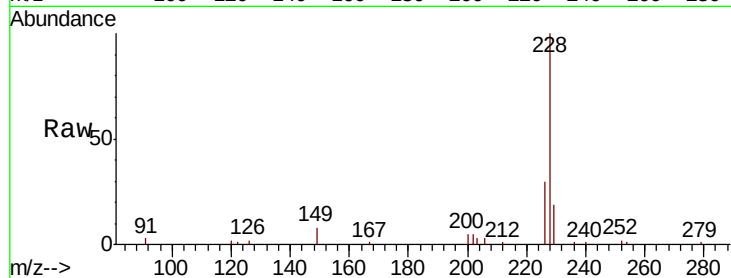
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 28210

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.2	15.4	23.0

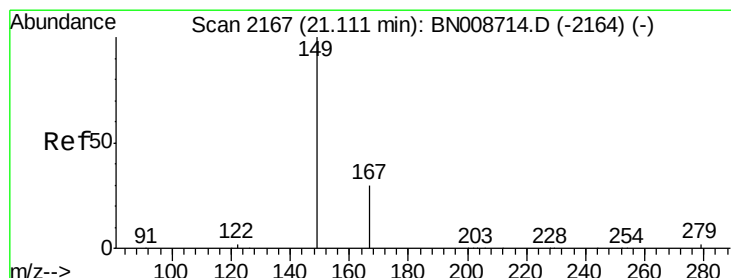
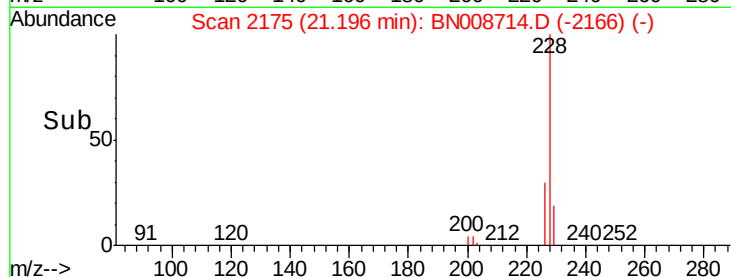
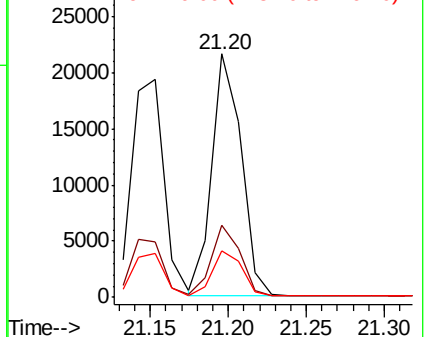


Abundance

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: 0.368 ng

RT: 21.11 min Scan# 2167

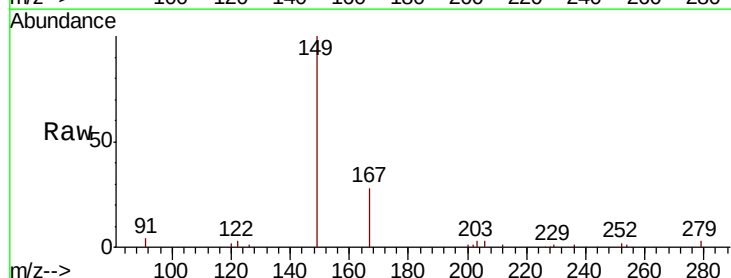
Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Tgt Ion:149 Resp: 17233

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.5	35.3
279	4.2	3.4	5.0

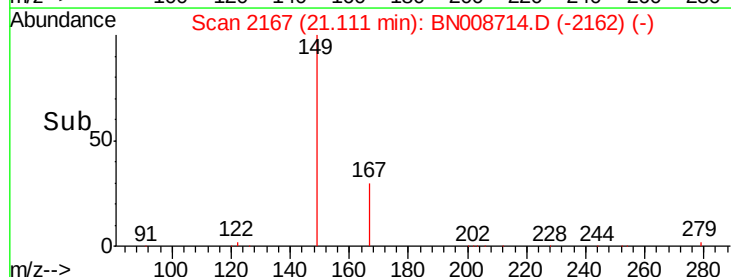
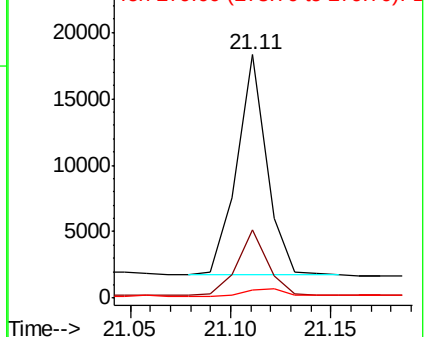


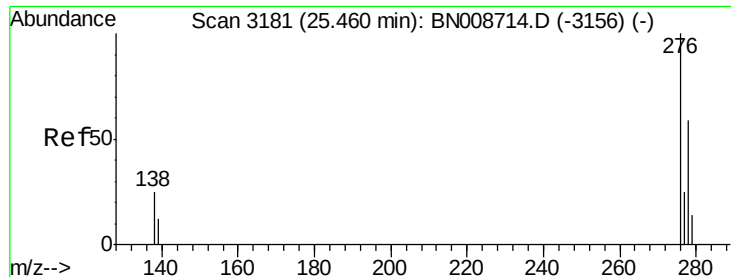
Abundance

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: 0.404 ng

RT: 25.46 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

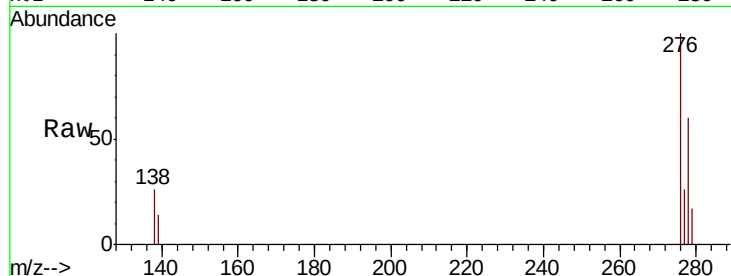
Tot Ion:276 Resp: 31394

Ion Ratio Lower Upper

276 100

138 26.3 21.0 31.6

277 24.9 19.9 29.9

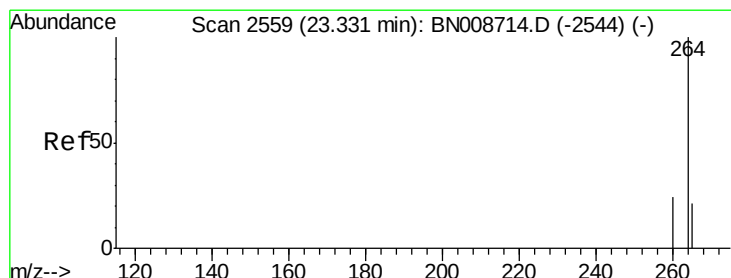
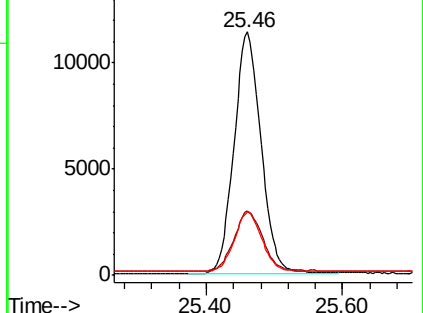
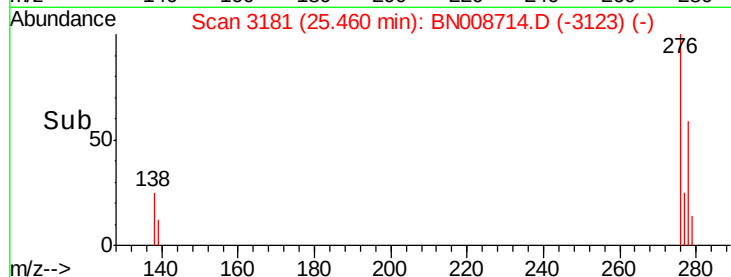


Abundance

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: 23.33 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

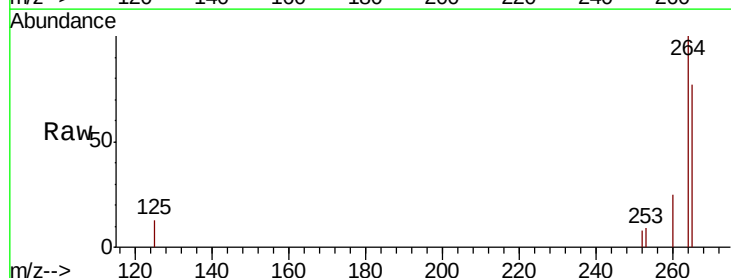
Tgt Ion:264 Resp: 19998

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 77.2 61.8 92.6

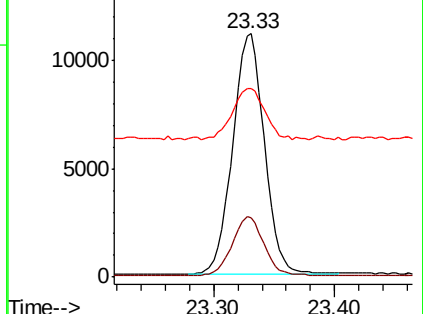
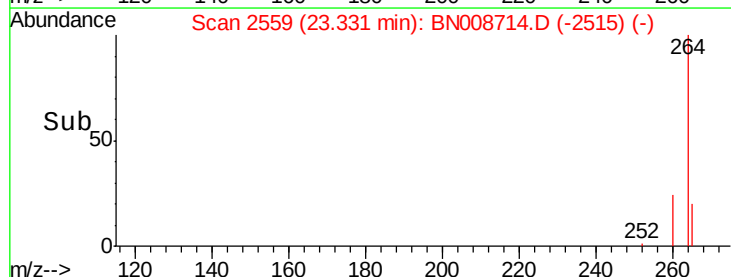


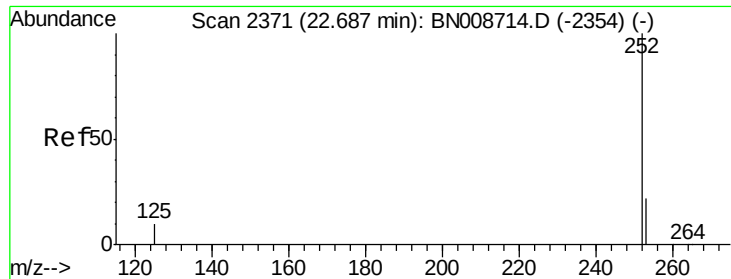
Abundance

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

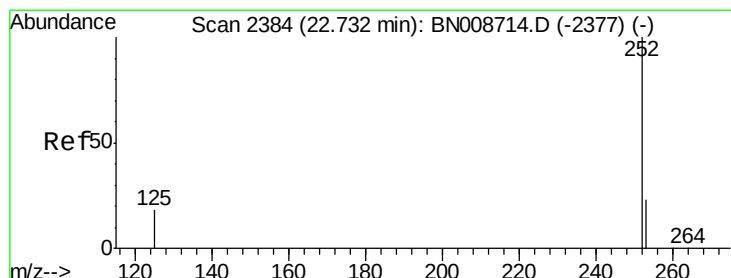
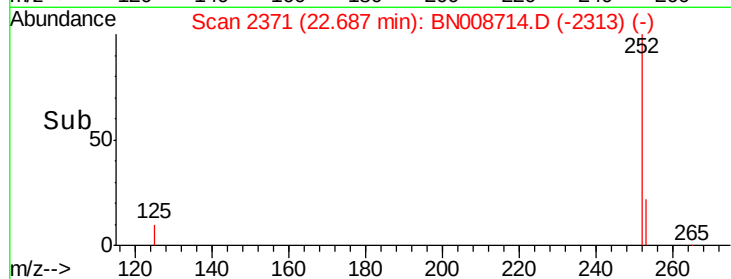
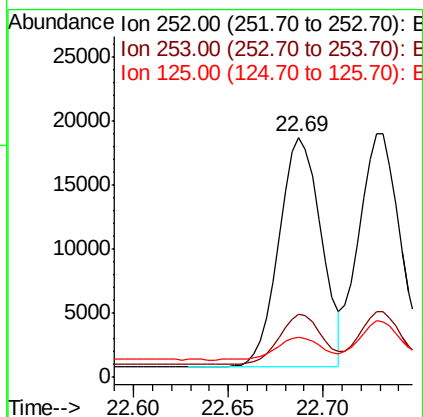
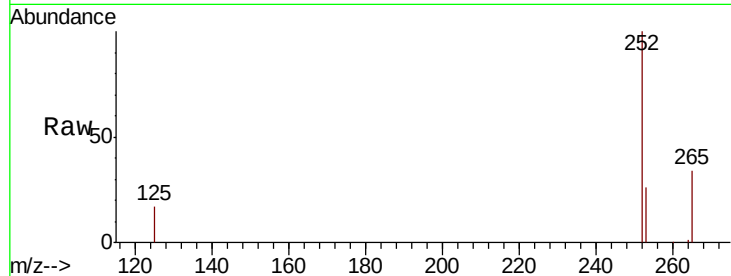




#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

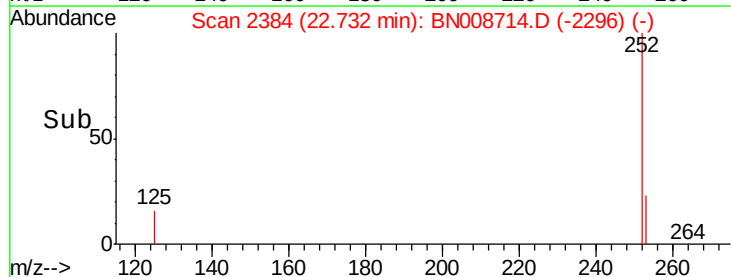
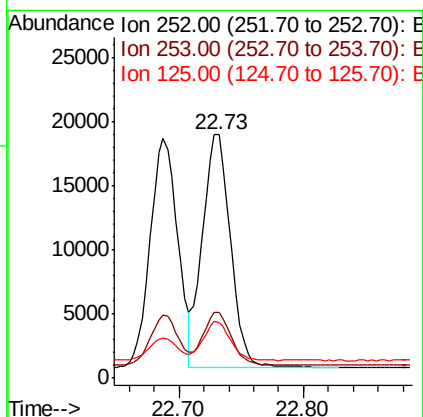
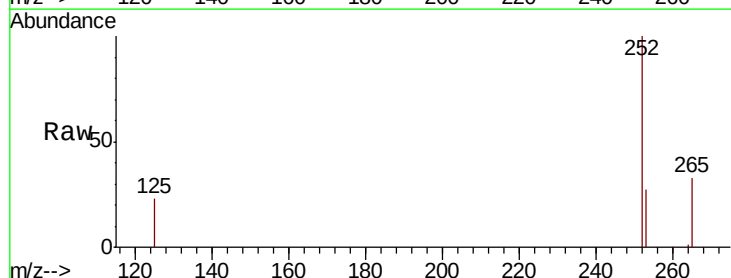
Instrument :
BNA_N
ClientSampleId :

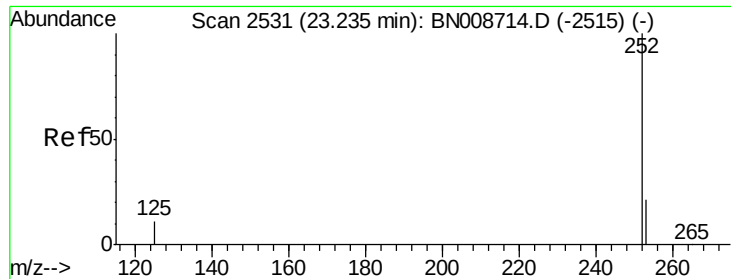
Tot Ion:252 Resp: 27659
Ion Ratio Lower Upper
252 100
253 26.0 20.8 31.2
125 16.9 13.5 20.3



#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:252 Resp: 28409
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.6
125 22.8 18.2 27.4





#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.23 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :

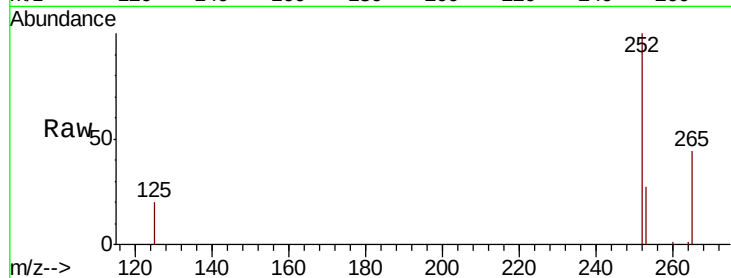
Tot Ion:252 Resp: 25554

Ion Ratio Lower Upper

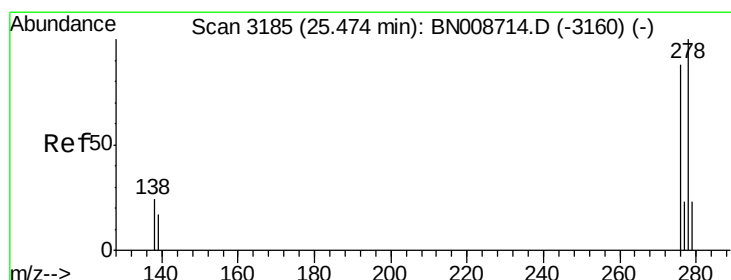
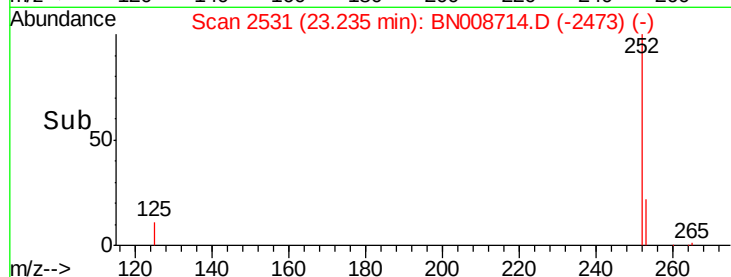
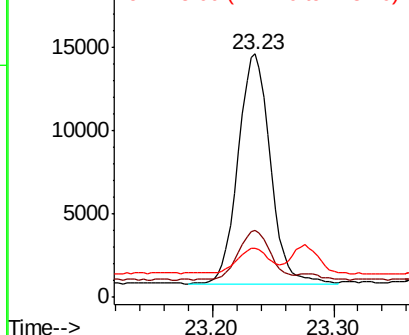
252 100

253 27.4 21.9 32.9

125 20.4 16.3 24.5



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: 0.402 ng

RT: 25.47 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

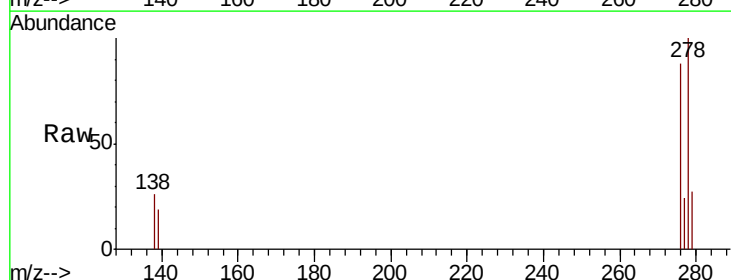
Tgt Ion:278 Resp: 25416

Ion Ratio Lower Upper

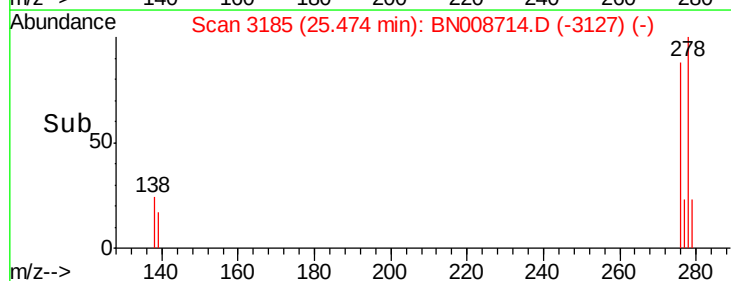
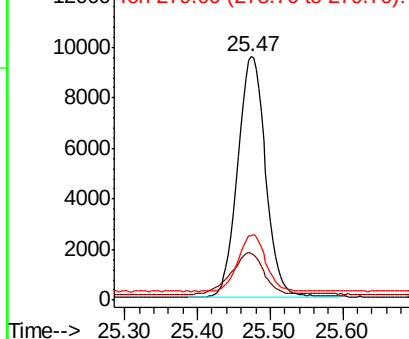
278 100

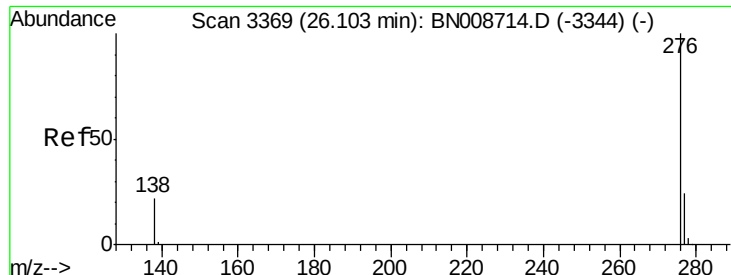
139 19.3 15.4 23.2

279 26.6 21.3 31.9



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: 0.402 ng

RT: 26.10 min Scan# 3369

Delta R.T. 0.00 min

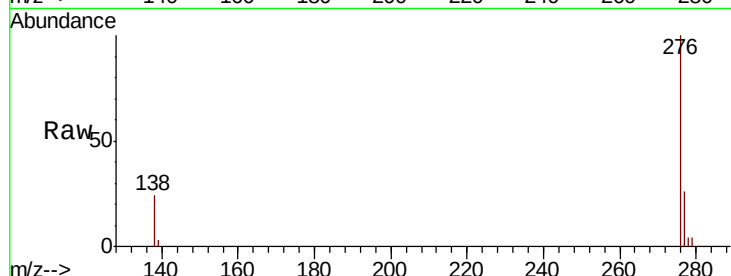
Lab File: BN008714.D

Acq: 22 Nov 2019 20:24

Instrument :

BNA_N

ClientSampleId :



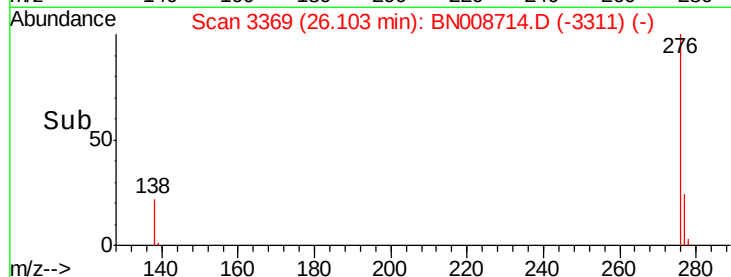
Tot Ion: 276 Resp: 25304

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 24.0 19.2 28.8



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

