

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008731.D
 Acq On : 23 Nov 2019 16:24
 Operator : JU
 Sample : K5803-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:46:52 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 10:49:40 2019
 Response via : Initial Calibration

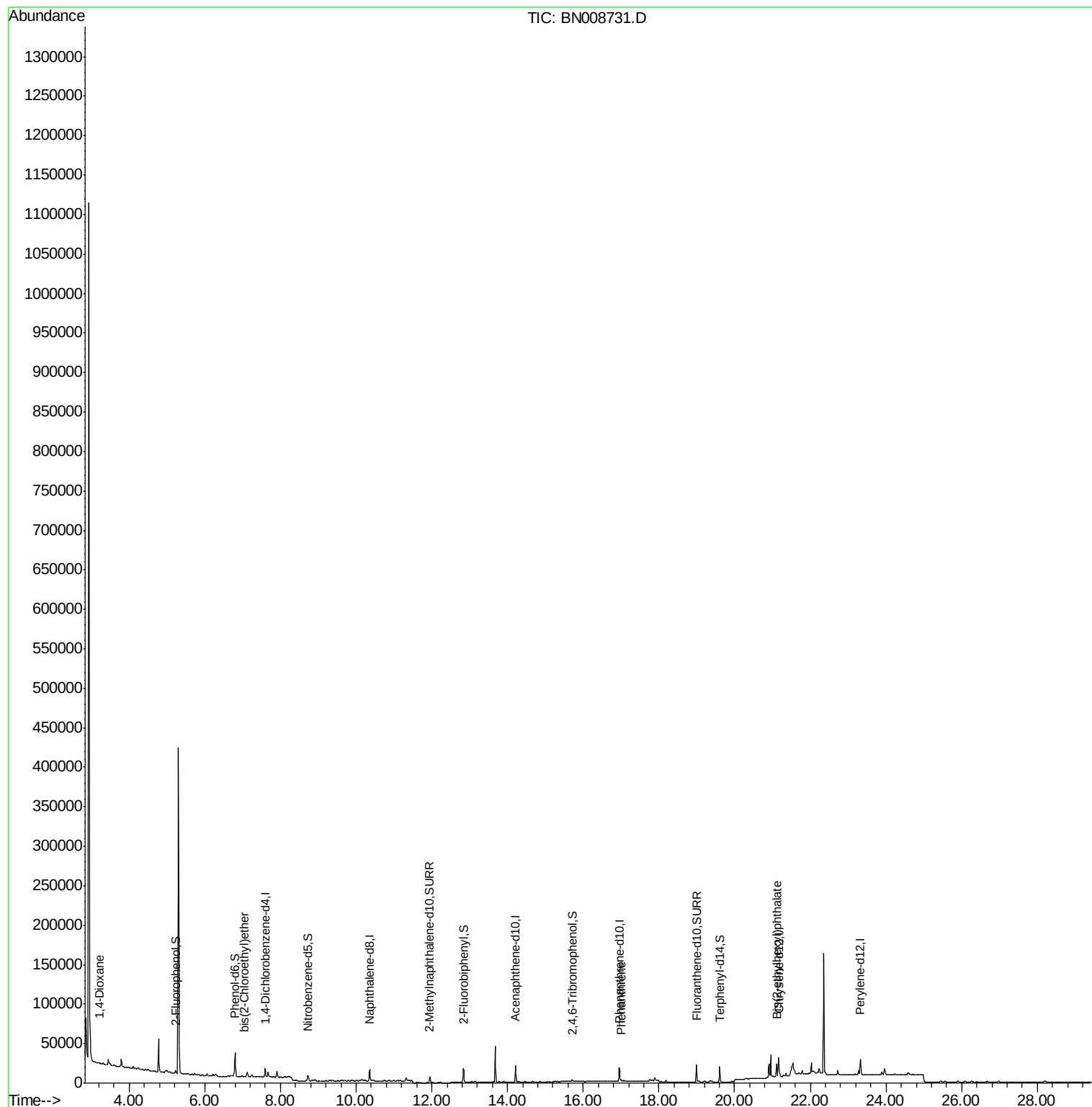
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5139	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18855	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11251	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	23965	0.40	ng	-0.01
27) Chrysene-d12	21.16	240	23402	0.40	ng	0.00
34) Perylene-d12	23.32	264	24455	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2678	0.20	ng	0.00
5) Phenol-d6	6.78	99	2243	0.13	ng	0.00
8) Nitrobenzene-d5	8.72	82	5379	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	10121	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1909	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	15264	0.35	ng	-0.01
25) Fluoranthene-d10	18.99	212	23125	0.33	ng	0.00
29) Terphenyl-d14	19.61	244	18660	0.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	311	0.057	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	579	0.036	ng	# 19
23) Phenanthrene	17.00	178	2223	0.030	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.11	149	16479	0.296	ng	99

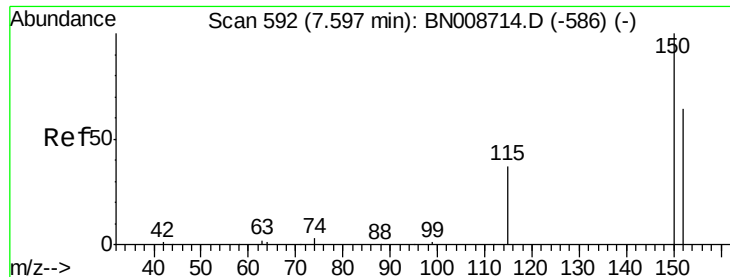
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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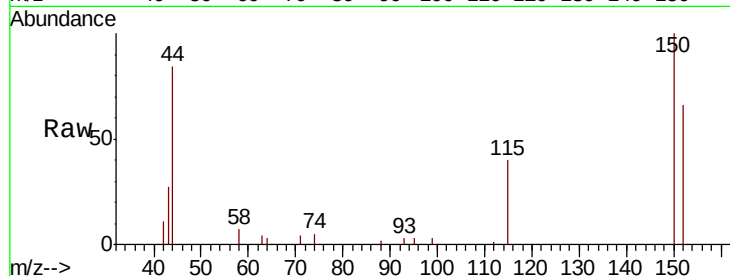


#1

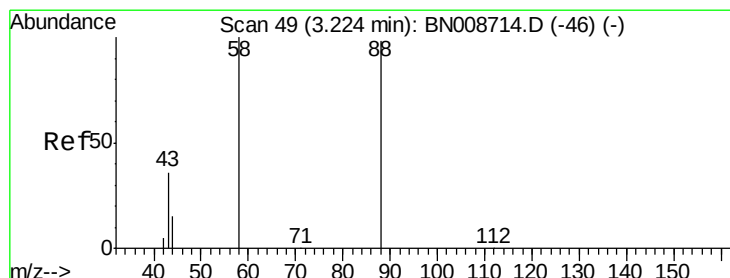
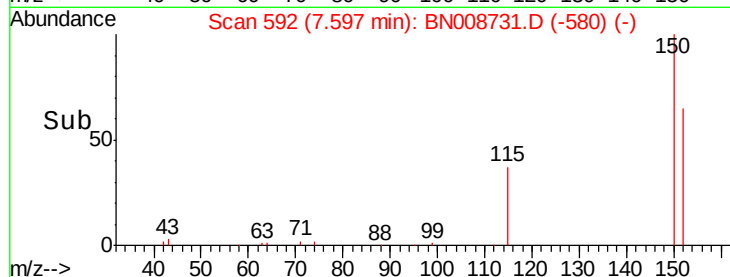
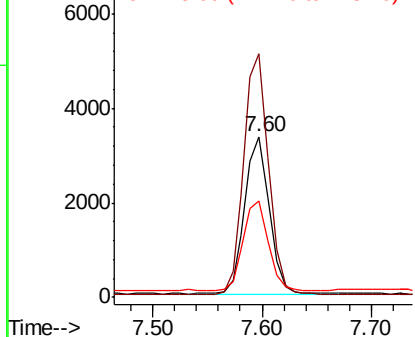
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008731.D
Acq: 23 Nov 2019 16:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5139
Ion Ratio Lower Upper
152 100
150 151.8 124.0 186.0
115 60.0 49.8 74.8



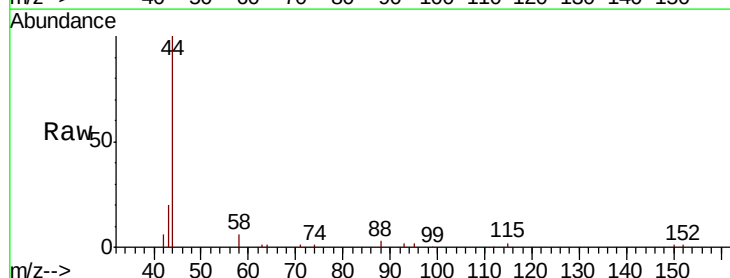
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



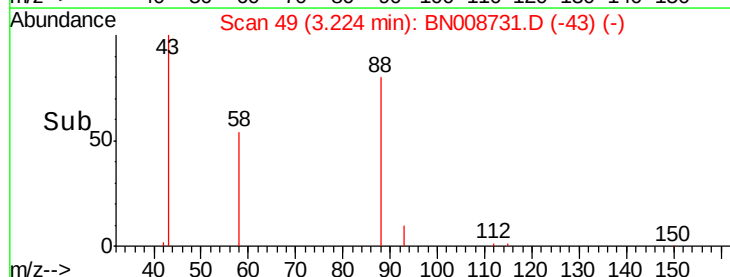
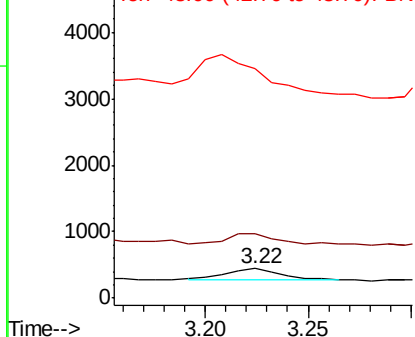
#2

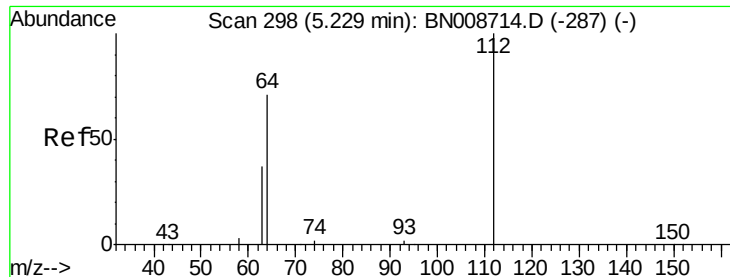
1,4-Dioxane
Concen: 0.057 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008731.D
Acq: 23 Nov 2019 16:24

Tgt Ion: 88 Resp: 311
Ion Ratio Lower Upper
88 100
58 83.9 85.7 128.5#
43 365.6 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





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

Instrument :

BNA_N

ClientSampleId :

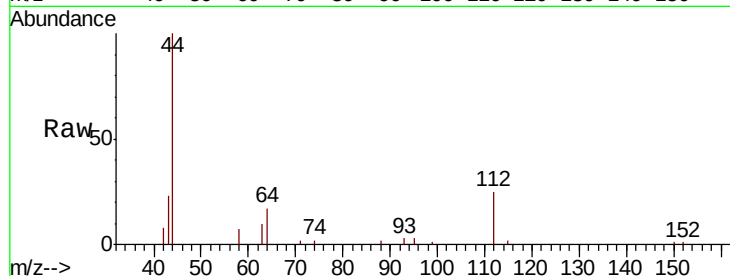
Tot Ion:112 Resp: 2678

Ion Ratio Lower Upper

112 100

64 70.9 57.1 85.7

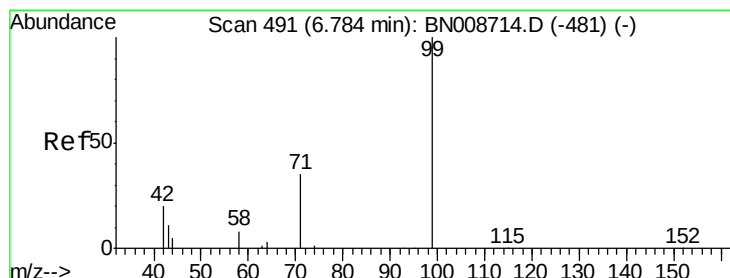
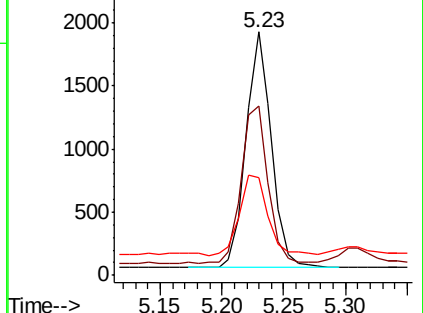
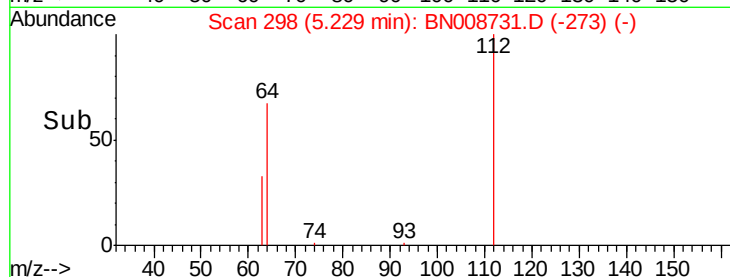
63 37.6 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.132 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

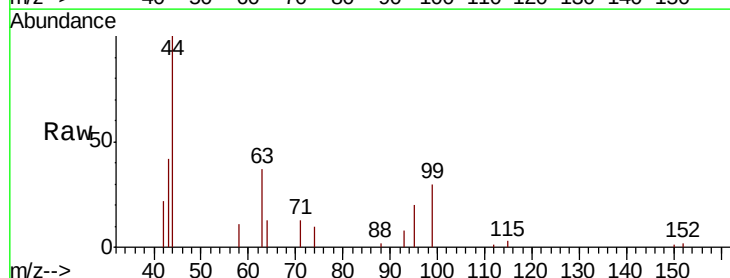
Tgt Ion: 99 Resp: 2243

Ion Ratio Lower Upper

99 100

42 0.0 19.4 29.2#

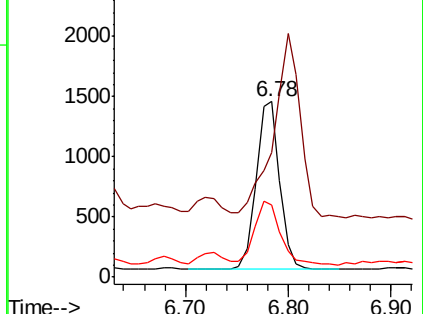
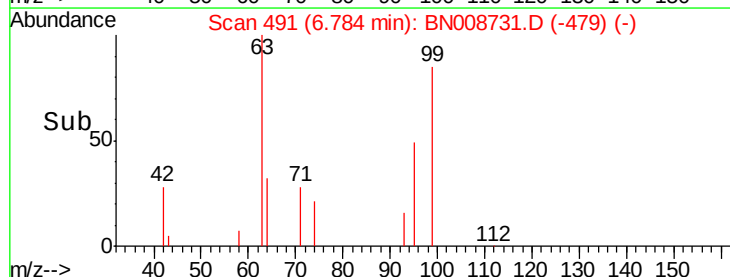
71 41.2 27.5 41.3

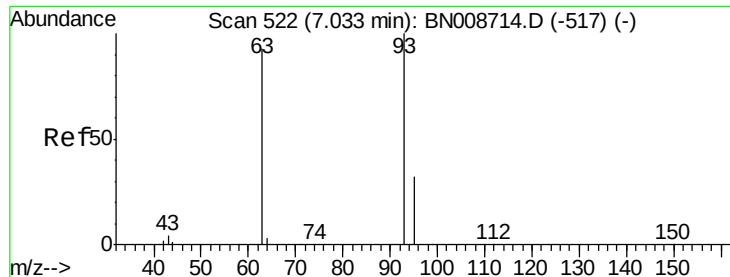


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



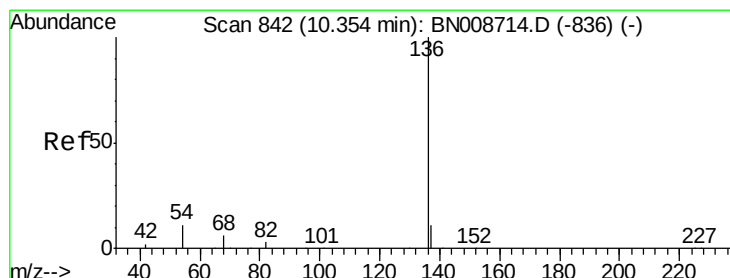
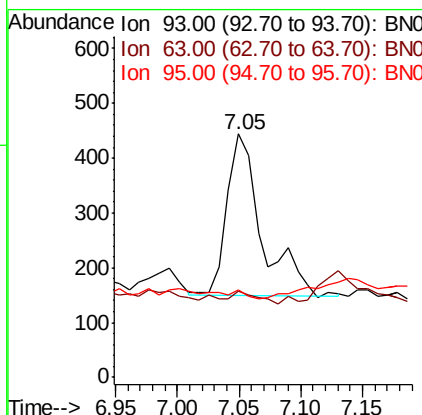
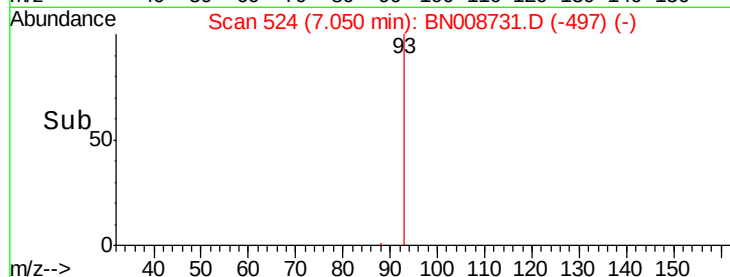
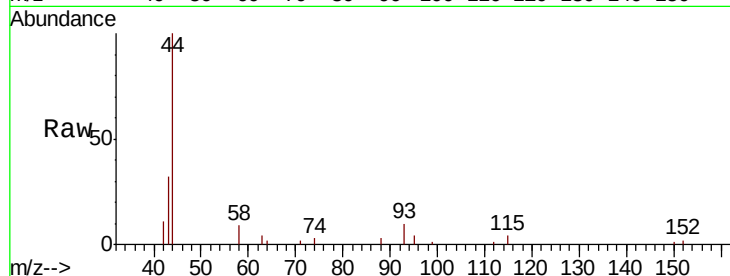


#6

bis(2-Chloroethyl)ether
 Concen: 0.036 ng
 RT: 7.05 min Scan# 524
 Delta R.T. 0.02 min
 Lab File: BN008731.D
 Acq: 23 Nov 2019 16:24

Instrument :
 BNA_N
 ClientSampleId :

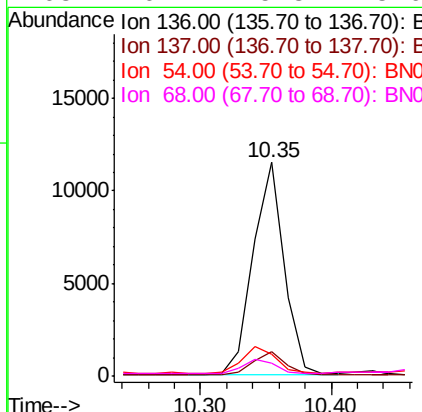
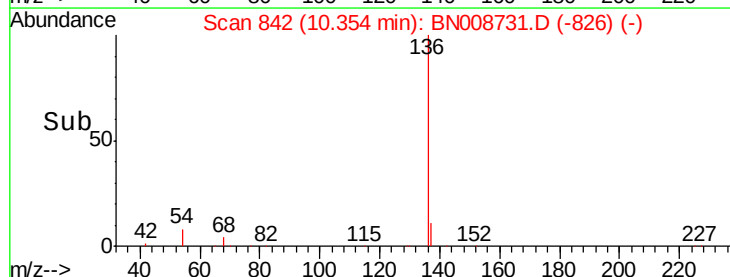
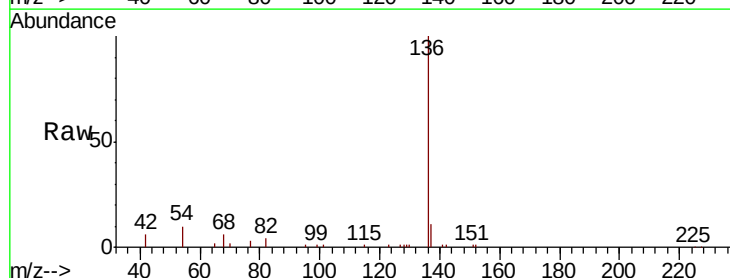
Tot Ion	Ratio	Lower	Upper
93	100		
63	7.4	74.2	111.4#
95	0.0	26.2	39.2#

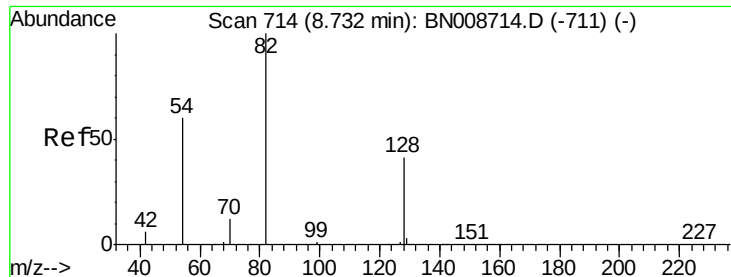


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.35 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BN008731.D
 Acq: 23 Nov 2019 16:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	10.0	9.4	14.2
68	6.2	5.8	8.6

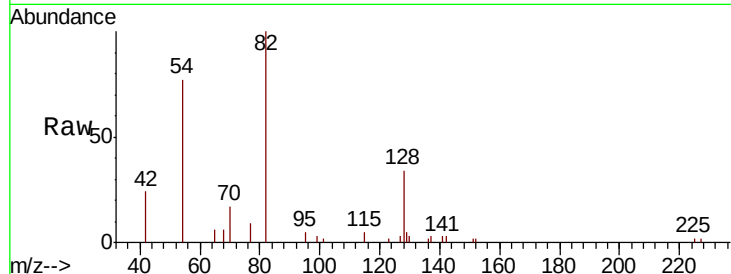




#8
 Nitrobenzene-d5
 Concen: 0.317 ng
 RT: 8.72 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BN008731.D
 Acq: 23 Nov 2019 16:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	5379
Ion Ratio	Lower	Upper	
82	100		
128	34.0	34.6	52.0#
54	77.4	50.2	75.4#

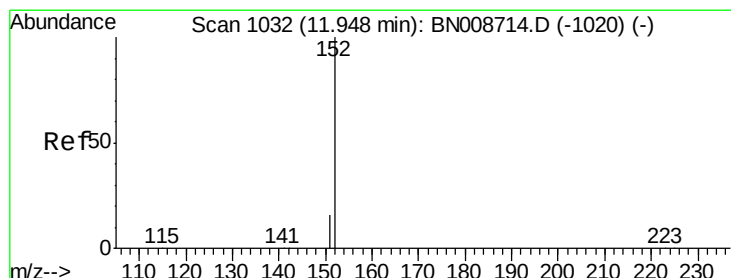
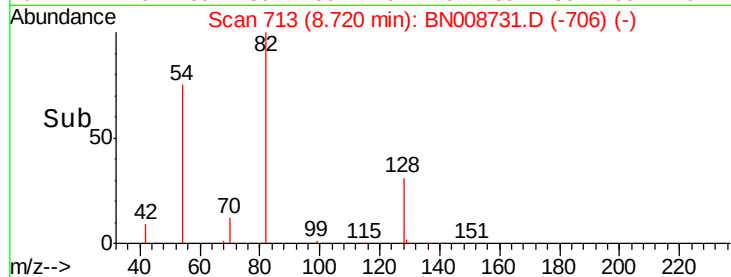
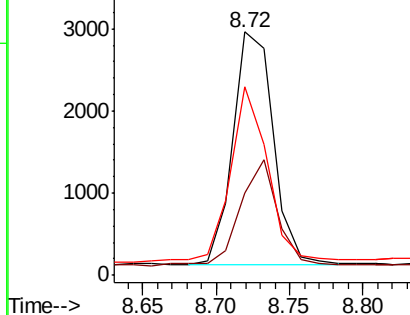


Abundance

Ion 82.00 (81.70 to 82.70): BN0

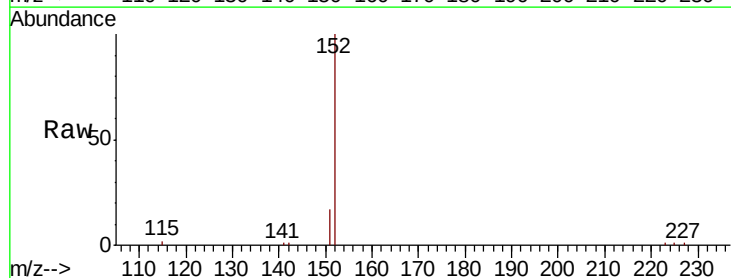
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11
 2-Methylnaphthalene-d10
 Concen: 0.340 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008731.D
 Acq: 23 Nov 2019 16:24

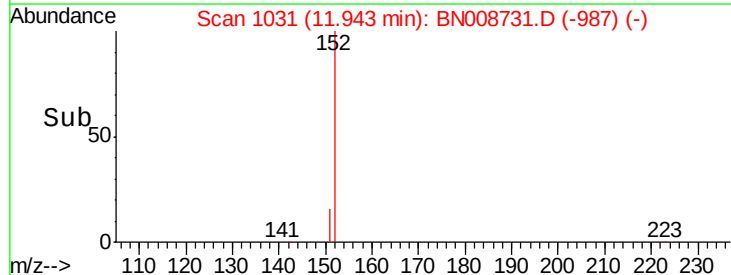
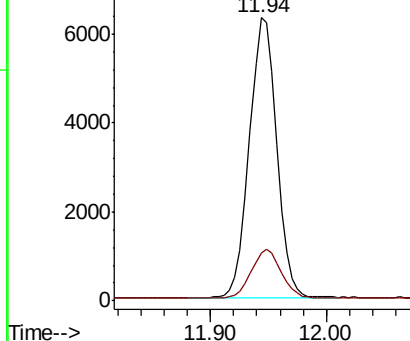
Tgt Ion	152	Resp	10121
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.2	22.8

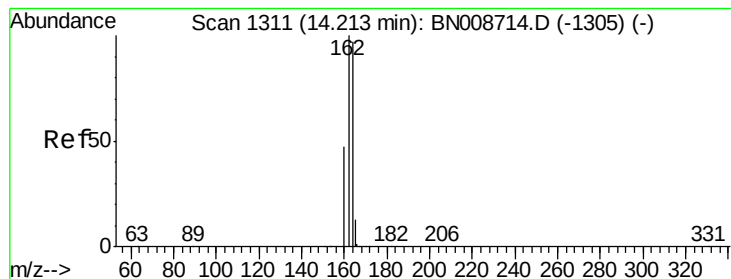


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

Instrument :

BNA_N

ClientSampleId :

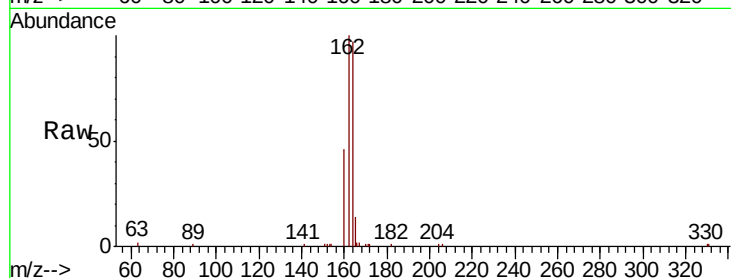
Tot Ion:164 Resp: 11251

Ion Ratio Lower Upper

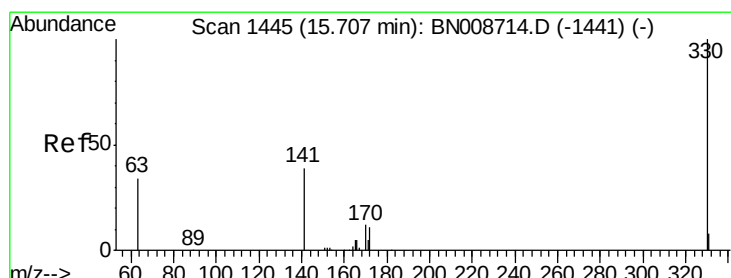
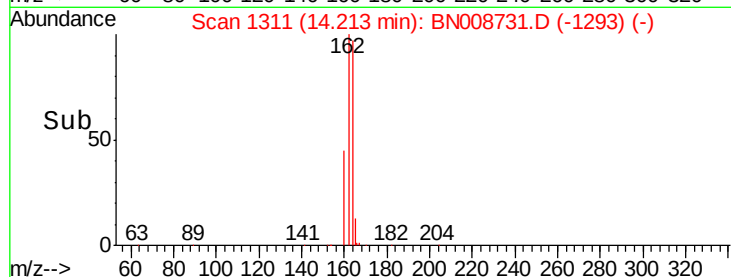
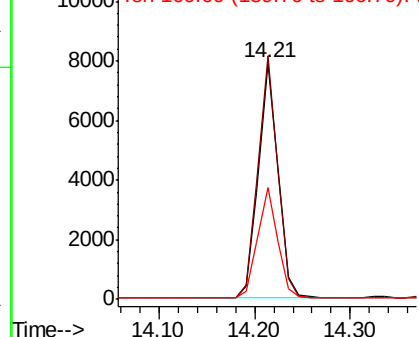
164 100

162 103.1 82.2 123.4

160 47.2 38.7 58.1



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: 0.365 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

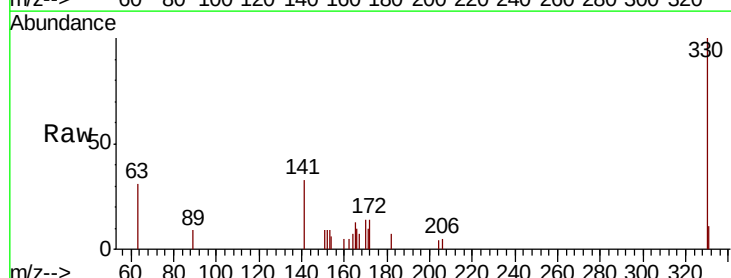
Tgt Ion:330 Resp: 1909

Ion Ratio Lower Upper

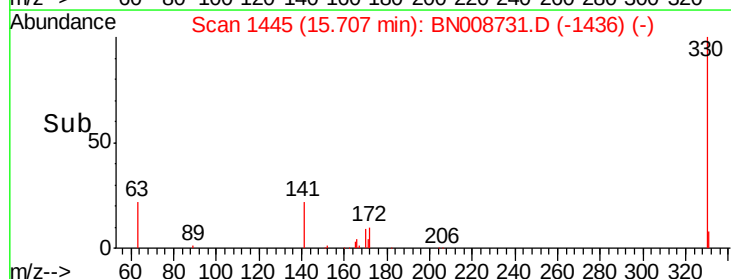
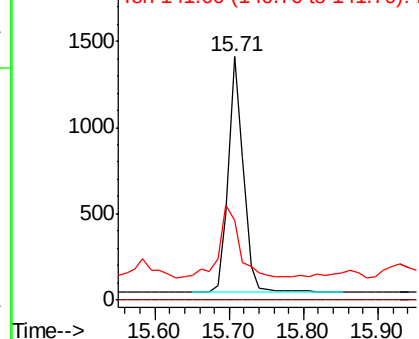
330 100

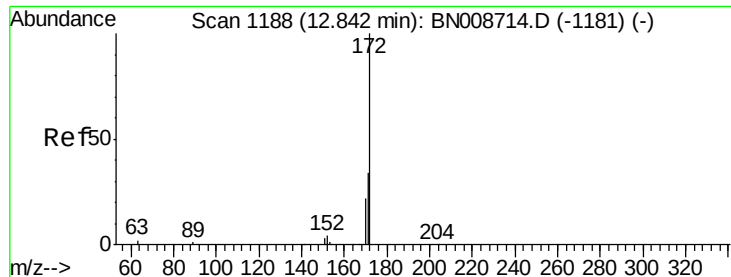
332 0.0 0.0 0.0

141 41.7 29.5 44.3



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

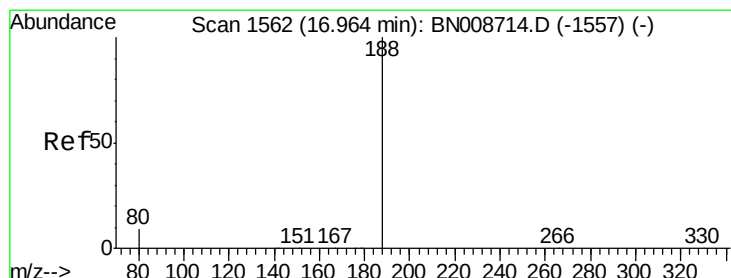
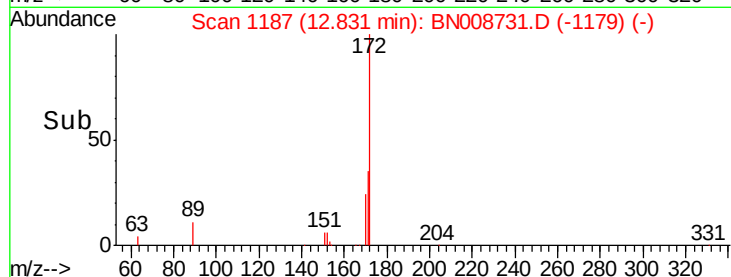
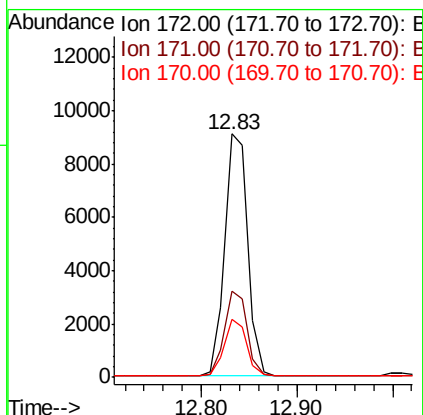
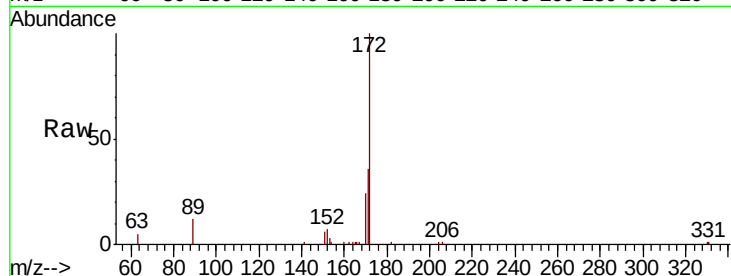




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008731.D
Acq: 23 Nov 2019 16:24

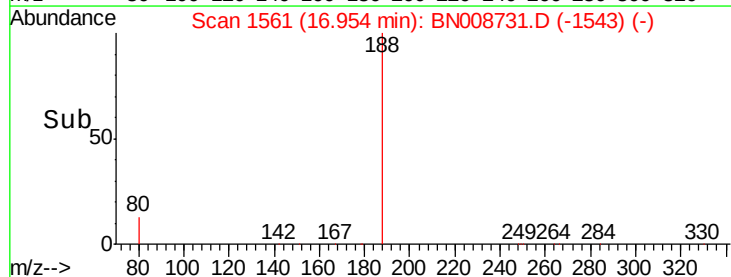
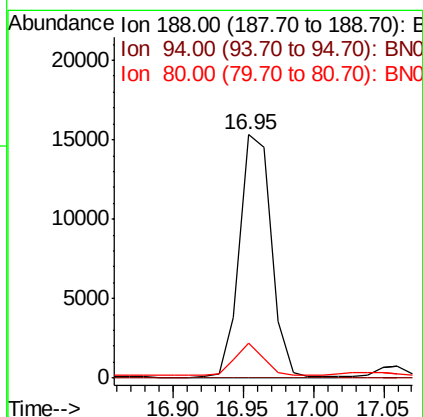
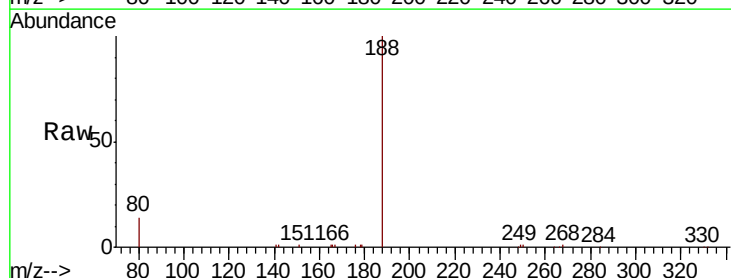
Instrument :
BNA_N
ClientSampleId :

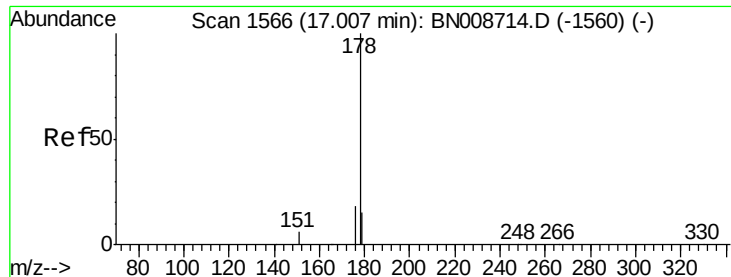
Tot Ion:172 Resp: 15264
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.1 17.8 26.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008731.D
Acq: 23 Nov 2019 16:24

Tgt Ion:188 Resp: 23965
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 7.4 11.0#





#23

Phenanthrene

Concen: 0.030 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

Instrument :

BNA_N

ClientSampleId :

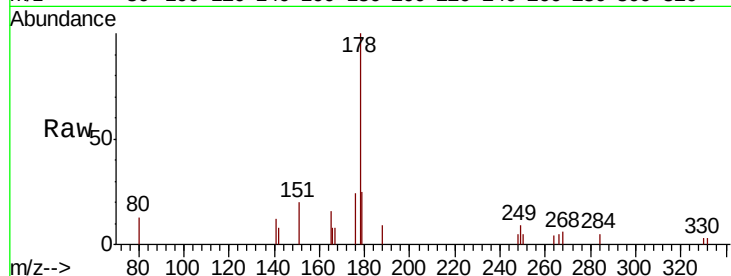
Tot Ion:178 Resp: 2223

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

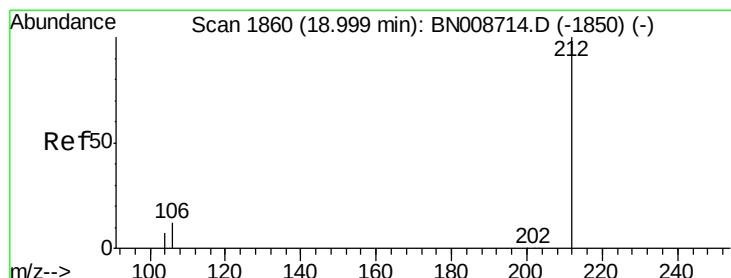
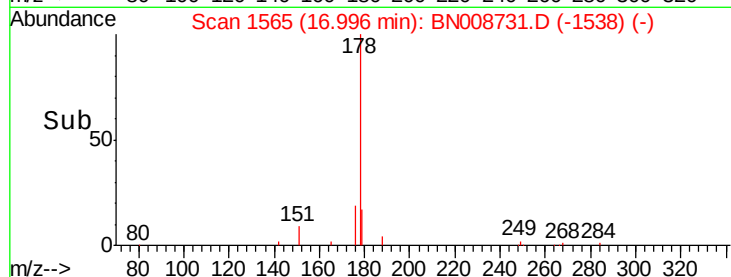
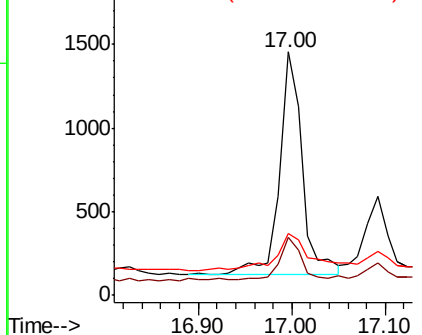
179 28.6 12.3 18.5#



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



#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

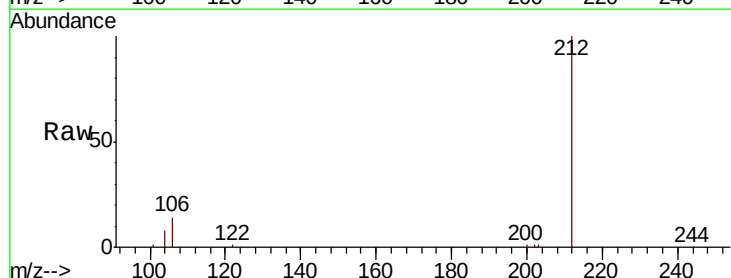
Tgt Ion:212 Resp: 23125

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

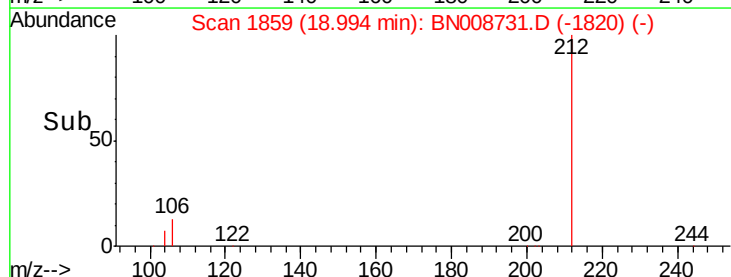
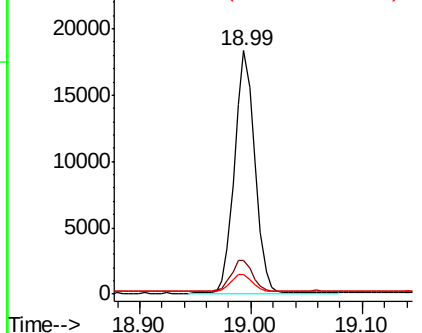
104 7.7 6.0 9.0

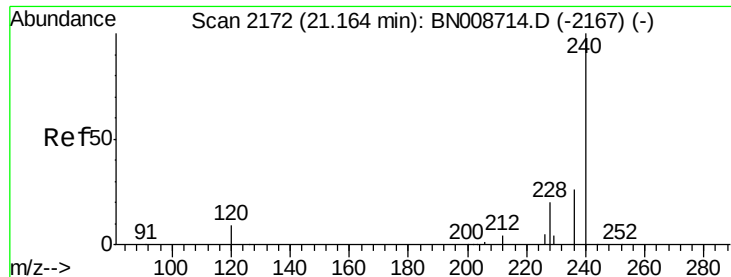


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

Instrument :

BNA_N

ClientSampled :

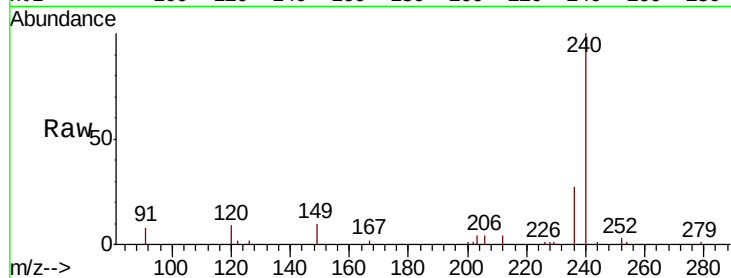
Tot Ion:240 Resp: 23402

Ion Ratio Lower Upper

240 100

120 8.8 9.0 13.4#

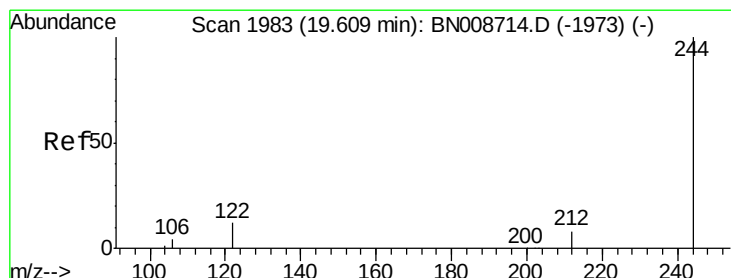
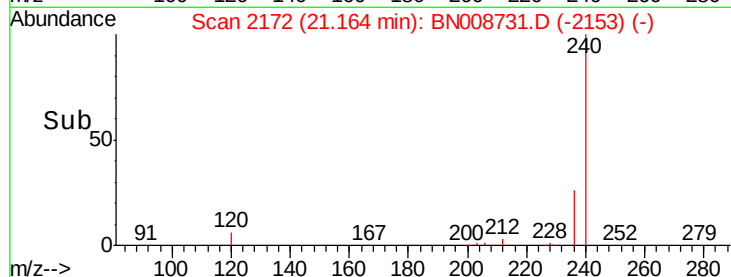
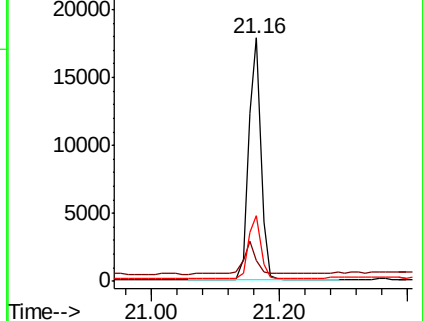
236 27.2 21.8 32.6



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



#29

Terphenyl-d14

Concen: 0.331 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

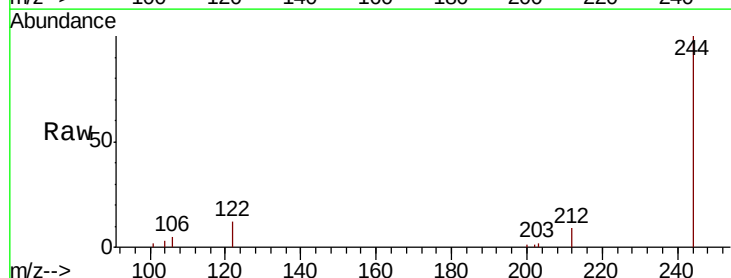
Tgt Ion:244 Resp: 18660

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

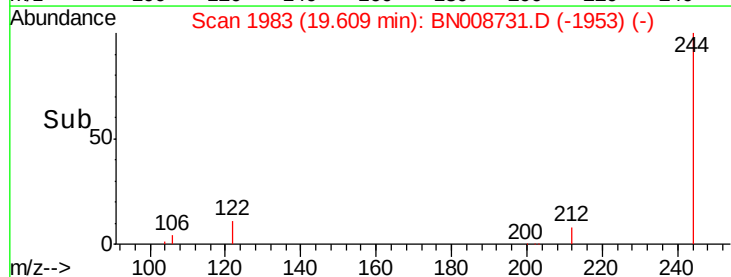
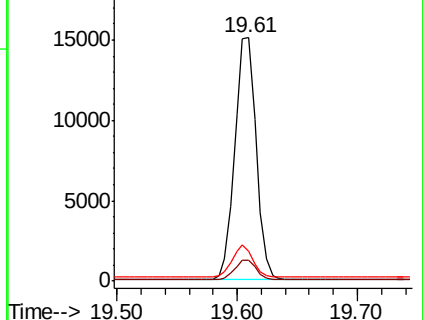
122 12.2 10.1 15.1

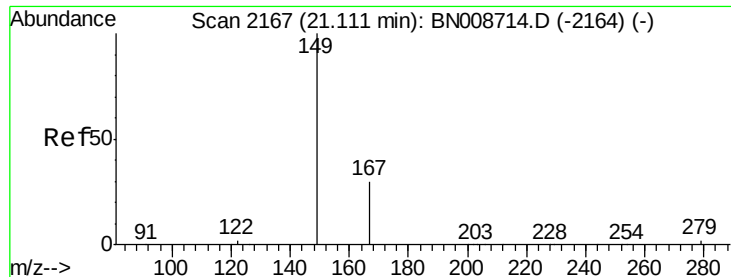


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.296 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

Instrument :

BNA_N

ClientSampleId :

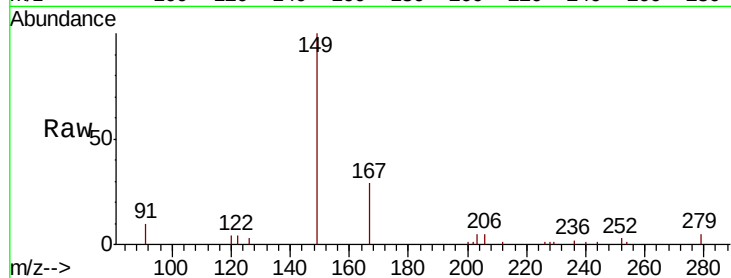
Tot Ion:149 Resp: 16479

Ion Ratio Lower Upper

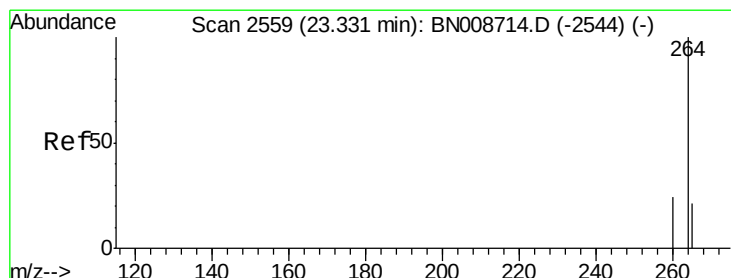
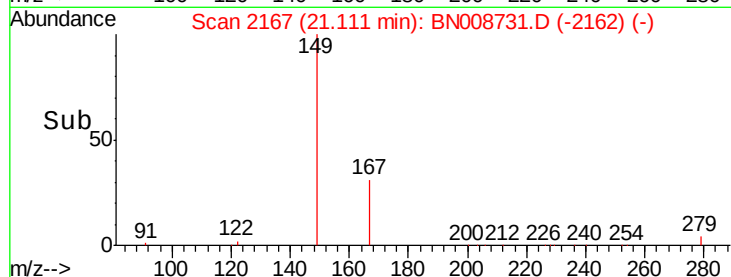
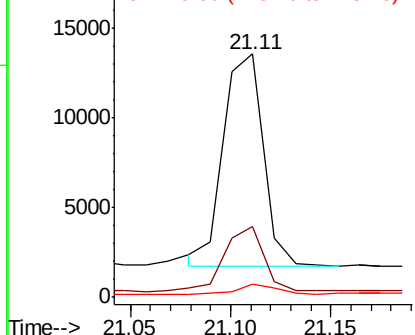
149 100

167 28.7 23.5 35.3

279 3.8 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BN008731.D

Acq: 23 Nov 2019 16:24

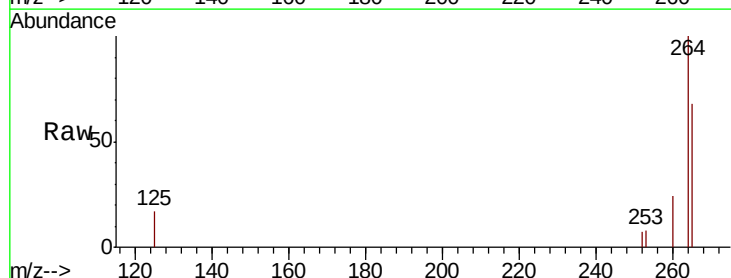
Tgt Ion:264 Resp: 24455

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 67.7 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

