

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010194.D
 Acq On : 11 Mar 2020 16:23
 Operator : CG/JU
 Sample : PB127320BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:15:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

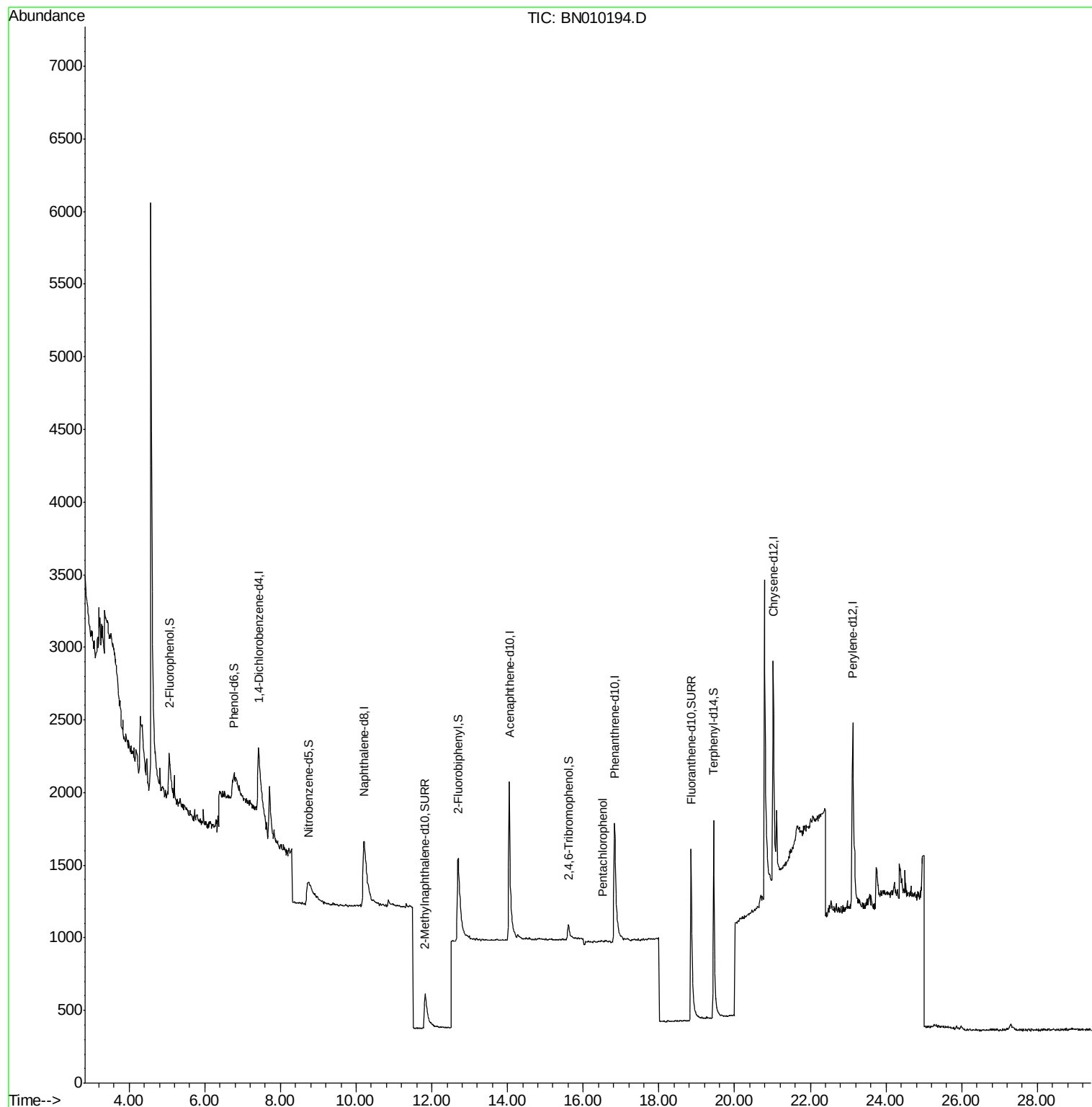
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	784	0.40	ng	0.06
7) Naphthalene-d8	10.22	136	2046	0.40	ng	0.10
13) Acenaphthene-d10	14.05	164	1442	0.40	ng	0.04
19) Phenanthrene-d10	16.83	188	3161	0.40	ng	0.05
27) Chrysene-d12	21.02	240	2849	0.40	ng	0.02
34) Perylene-d12	23.12	264	2789	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	626	0.36	ng	0.02
5) Phenol-d6	6.77	99	447	0.21	ng	0.16
8) Nitrobenzene-d5	8.74	82	316	0.19	ng	0.19
11) 2-Methylnaphthalene-d10	11.82	152	1038	0.26	ng	0.09
14) 2,4,6-Tribromophenol	15.61	330	160	0.29	ng	0.07
15) 2-Fluorobiphenyl	12.70	172	1418	0.26	ng	0.07
25) Fluoranthene-d10	18.84	212	2970	0.27	ng	0.03
29) Terphenyl-d14	19.45	244	2565	0.38	ng	0.02
Target Compounds						
20) 4-Bromophenyl-phenylether	16.09	248	1	Below Cal	#	76
22) Pentachlorophenol	16.52	266	1	0.180 ng	#	74

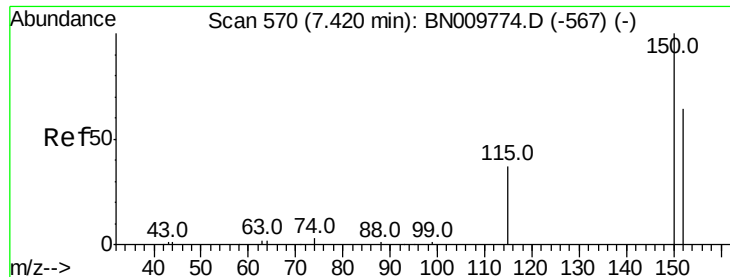
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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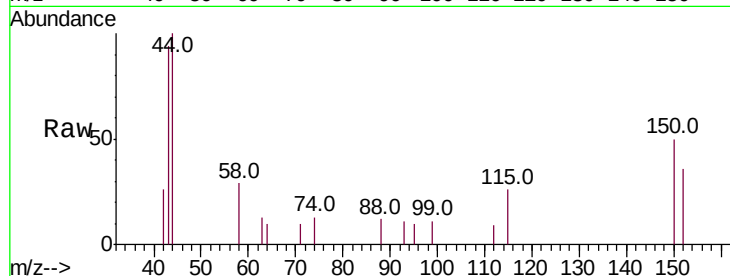


#1

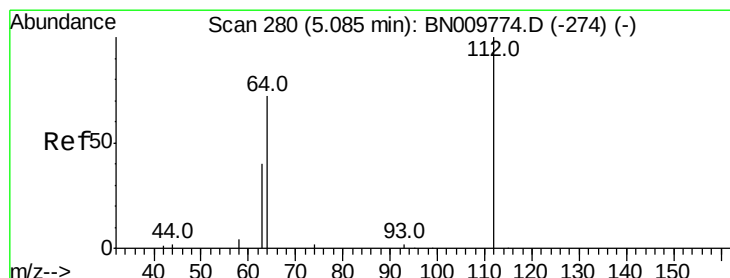
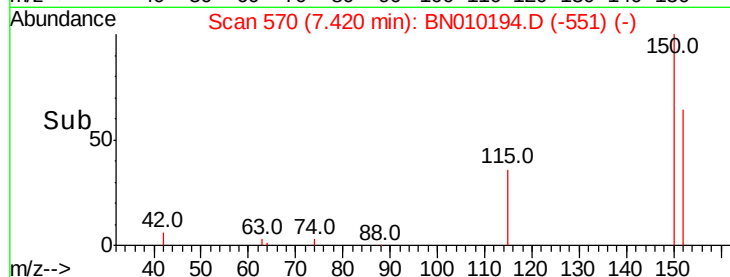
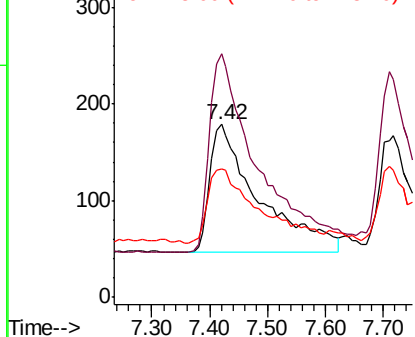
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. 0.06 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 784
Ion Ratio Lower Upper
152 100
150 140.8 120.6 181.0
115 74.3 51.2 76.8



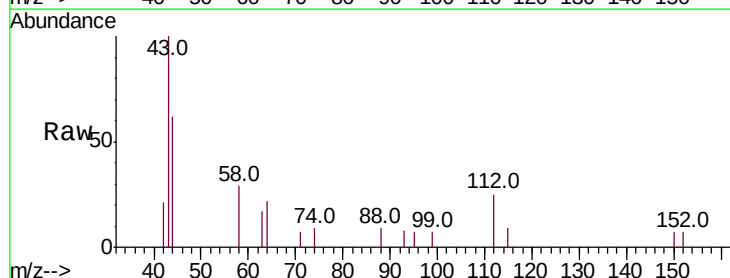
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



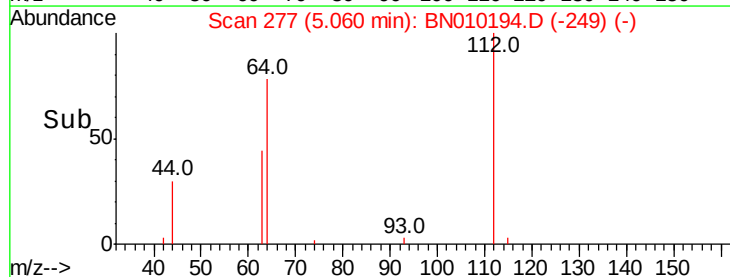
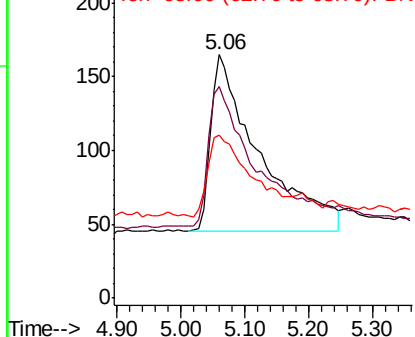
#4

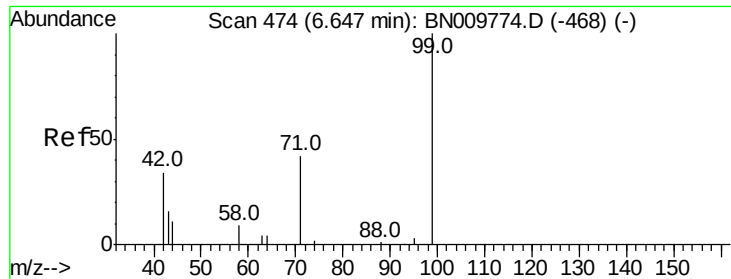
2-Fluorophenol
Concen: 0.359 ng
RT: 5.06 min Scan# 277
Delta R.T. 0.02 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Tgt Ion:112 Resp: 626
Ion Ratio Lower Upper
112 100
64 78.1 65.8 98.6
63 41.5 38.7 58.1



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: 0.211 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.16 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

ClientSampleId :

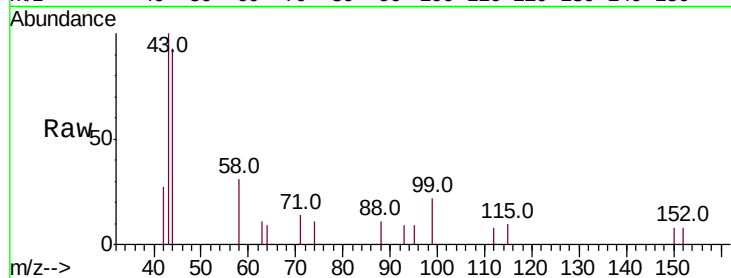
Tot Ion: 99 Resp: 447

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 38.9 34.9 52.3

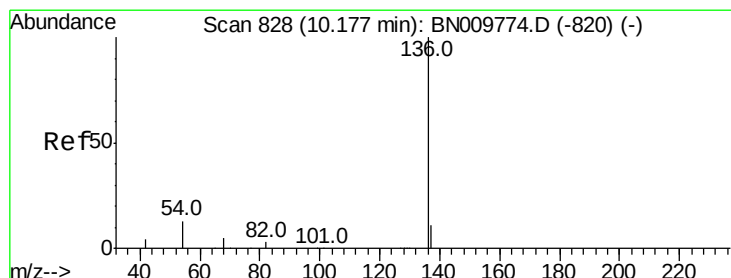
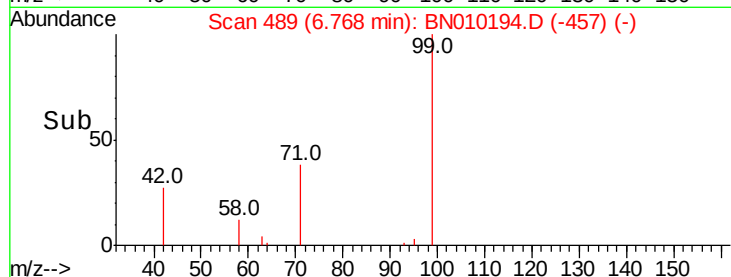
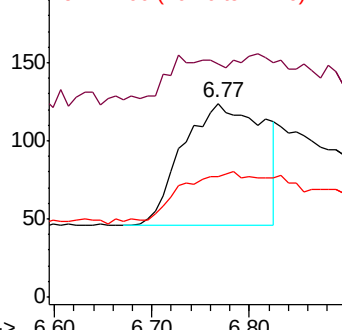


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.10 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Tgt Ion: 136 Resp: 2046

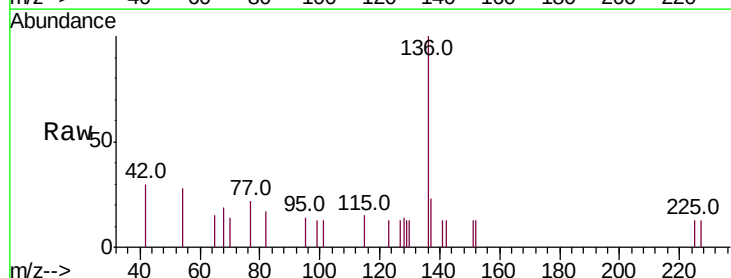
Ion Ratio Lower Upper

136 100

137 23.0 11.3 16.9#

54 28.1 13.4 20.2#

68 19.4 7.0 10.4#



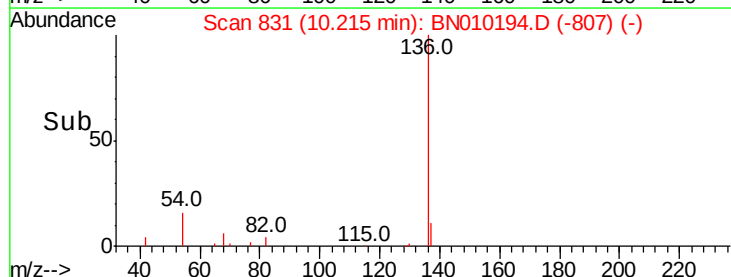
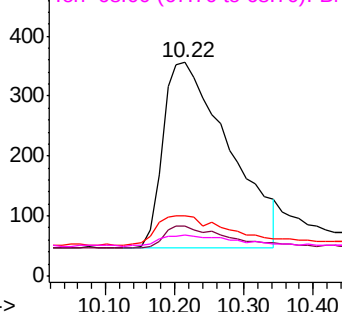
Abundance

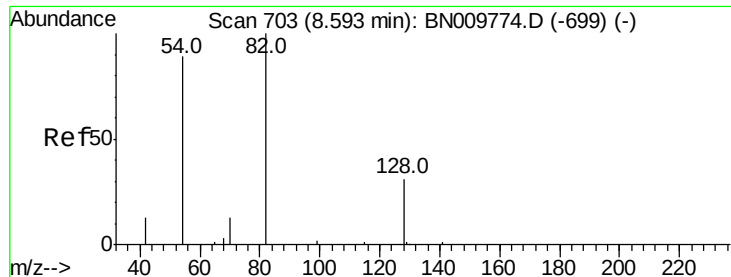
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

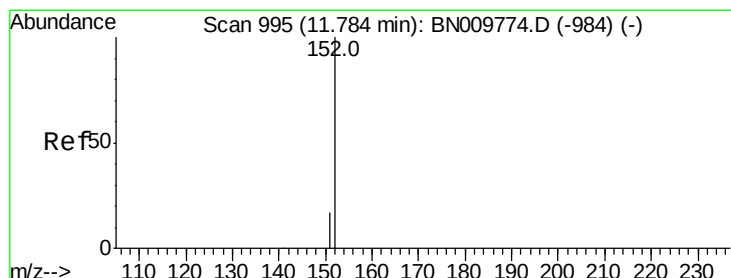
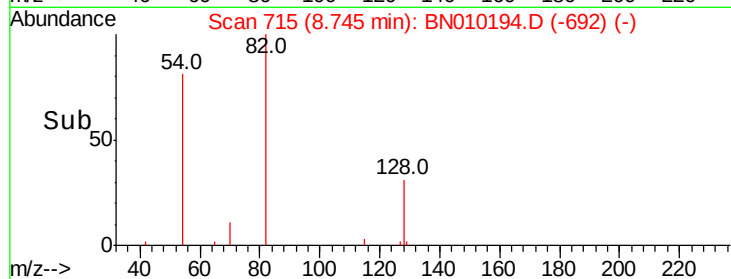
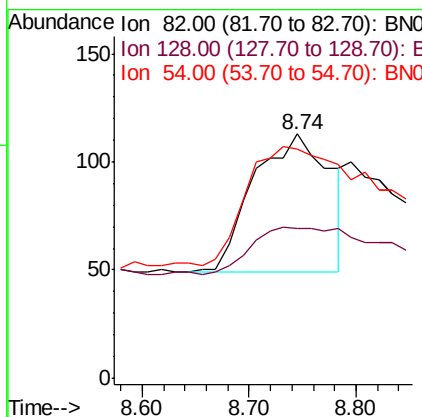
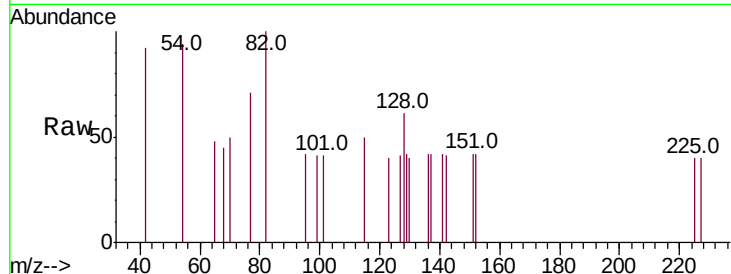




#8
 Nitrobenzene-d5
 Concen: 0.186 ng
 RT: 8.74 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BN010194.D
 Acq: 11 Mar 2020 16:23

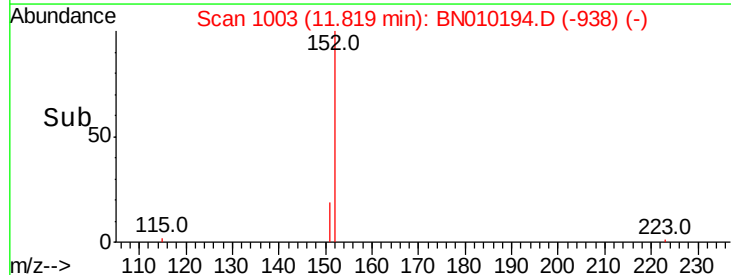
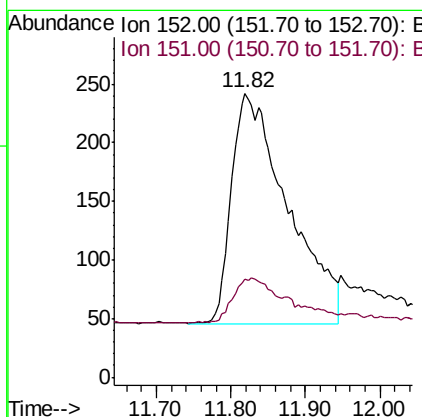
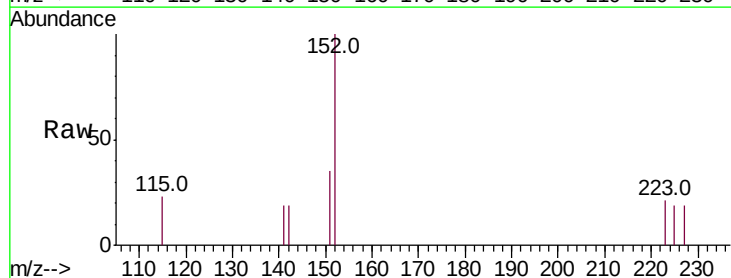
Instrument :
 BNA_N
 ClientSampleId :

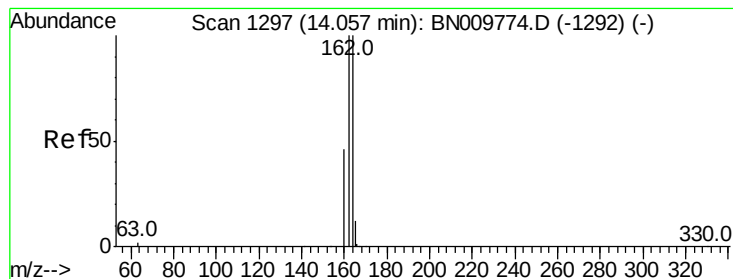
Tot Ion: 82 Resp: 316
 Ion Ratio Lower Upper
 82 100
 128 61.1 32.5 48.7#
 54 93.8 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.262 ng
 RT: 11.82 min Scan# 1003
 Delta R.T. 0.09 min
 Lab File: BN010194.D
 Acq: 11 Mar 2020 16:23

Tgt Ion: 152 Resp: 1038
 Ion Ratio Lower Upper
 152 100
 151 13.0 15.1 22.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.04 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

ClientSampleId :

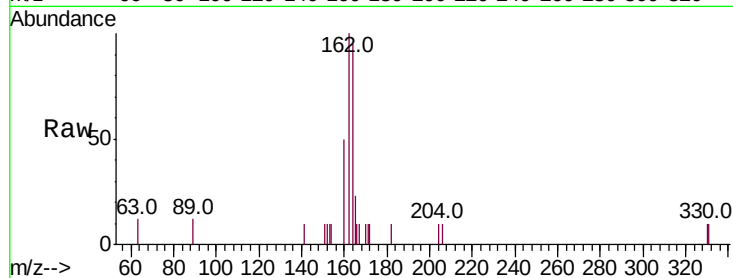
Tot Ion:164 Resp: 1442

Ion Ratio Lower Upper

164 100

162 105.8 79.9 119.9

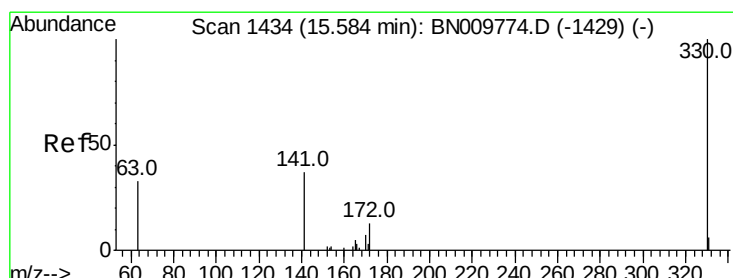
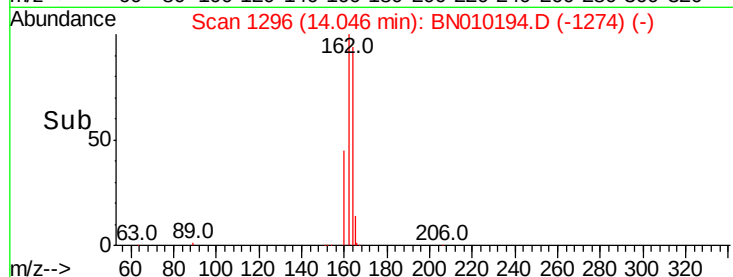
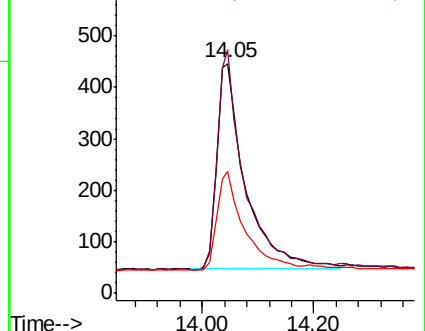
160 53.2 38.2 57.2



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: 0.288 ng

RT: 15.61 min Scan# 1436

Delta R.T. 0.07 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

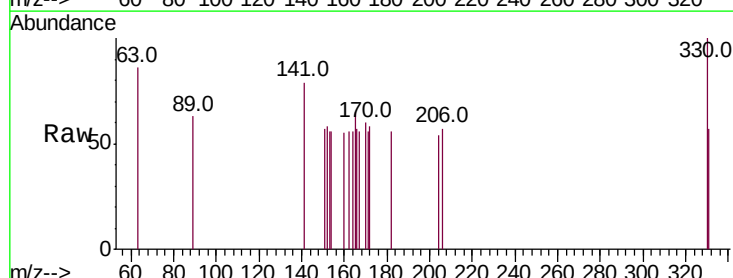
Tgt Ion:330 Resp: 160

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

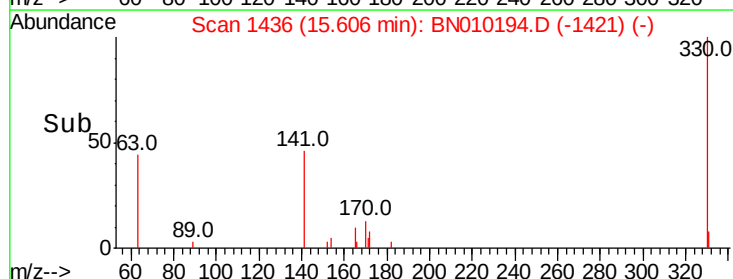
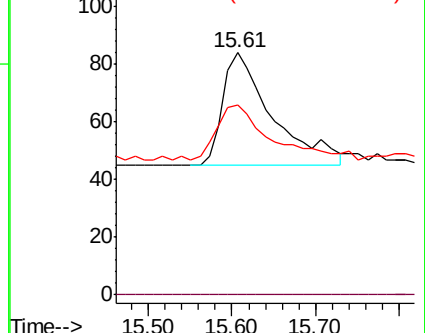
141 51.2 36.8 55.2

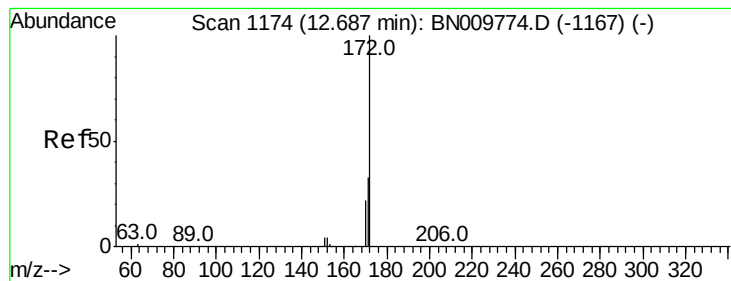


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

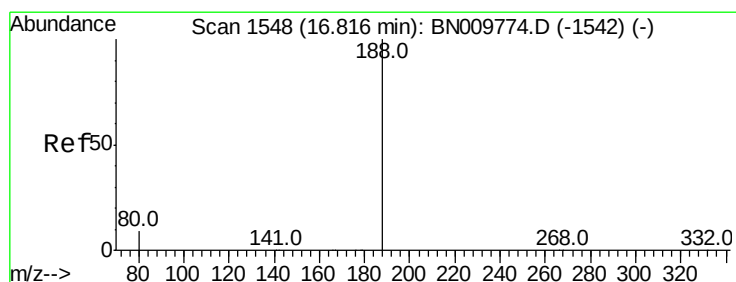
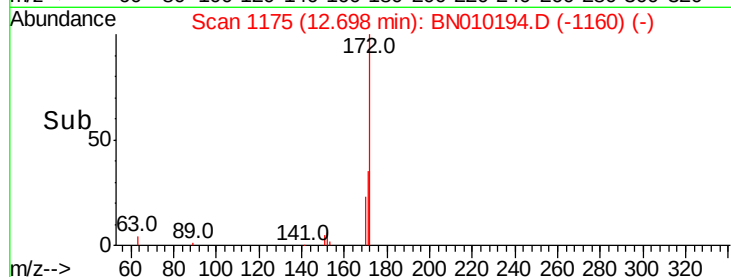
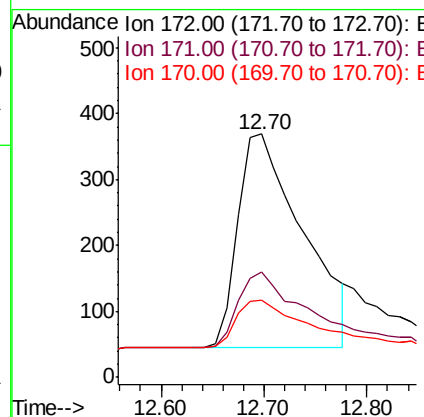
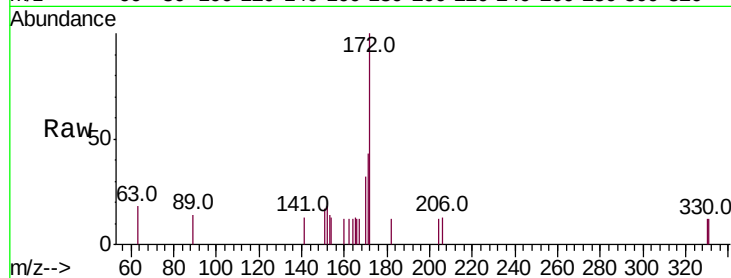




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.70 min Scan# 1175
Delta R.T. 0.07 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

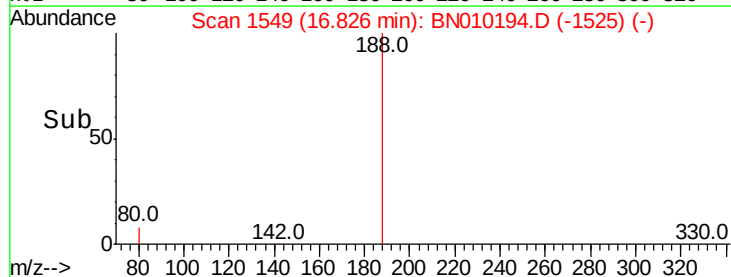
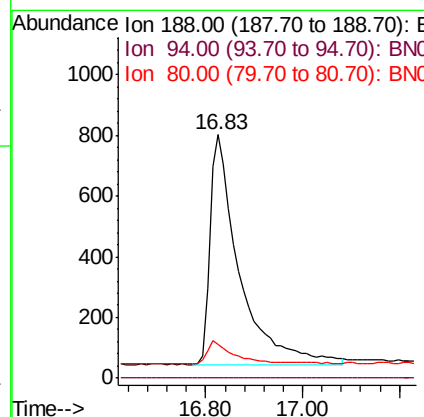
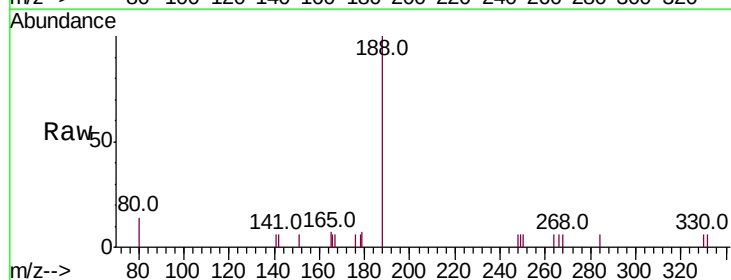
Instrument :
BNA_N
ClientSampleId :

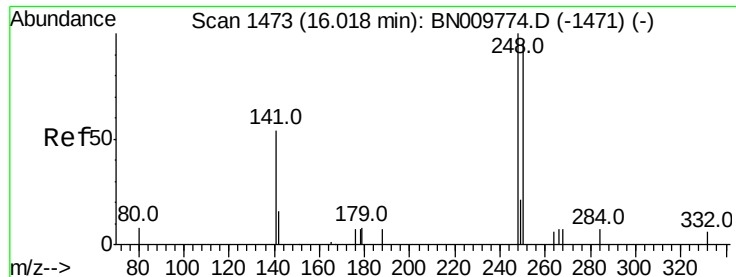
Tot Ion:172 Resp: 1418
Ion Ratio Lower Upper
172 100
171 43.4 28.7 43.1#
170 32.0 20.1 30.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.05 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Tgt Ion:188 Resp: 3161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 8.3 12.5#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.09 min Scan# 1480

Delta R.T. 0.09 min

Lab File: BN010194.D

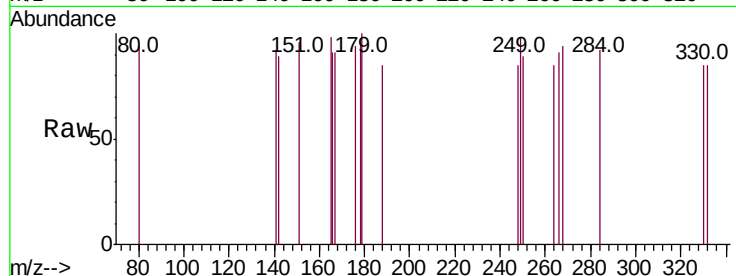
Acq: 11 Mar 2020 16:23

Instrument :

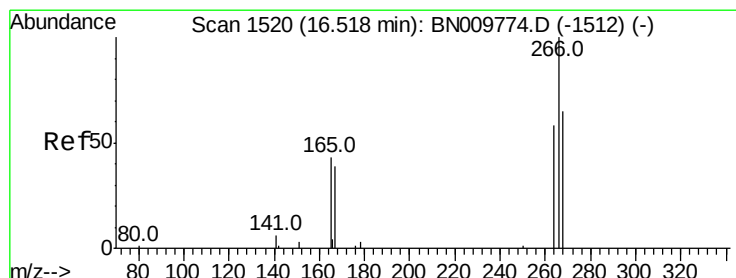
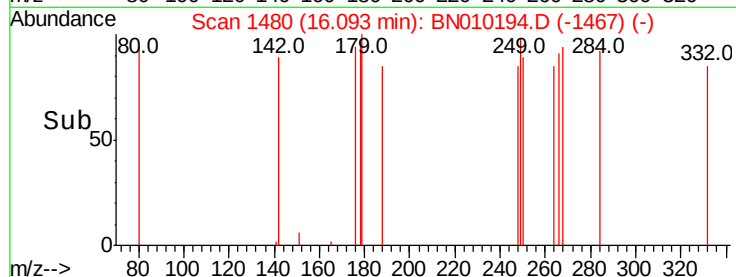
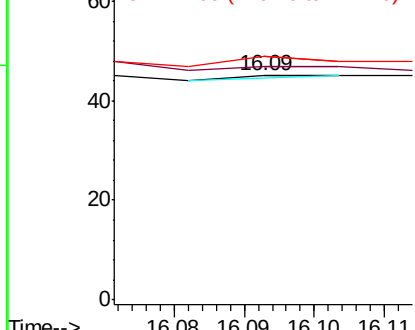
BNA_N

ClientSampleId :

Tot Ion:248	Resp:	1	
Ion Ratio	Lower	Upper	
248	100		
250	104.4	76.2	114.4
141	108.9	57.8	86.6#



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



#22

Pentachlorophenol

Concen: 0.180 ng

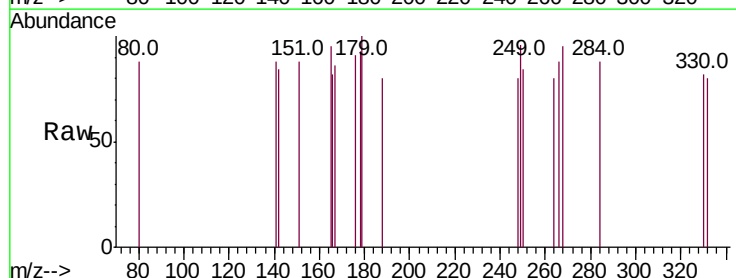
RT: 16.52 min Scan# 1520

Delta R.T. 0.05 min

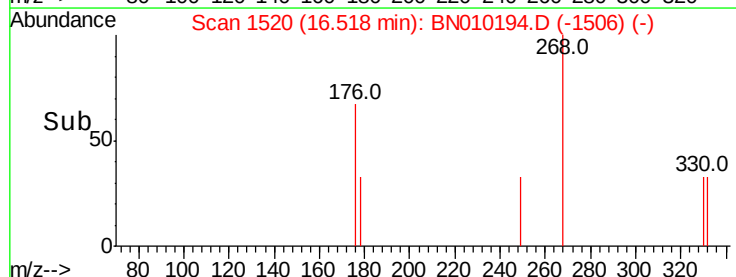
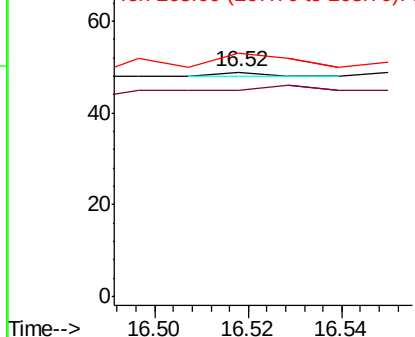
Lab File: BN010194.D

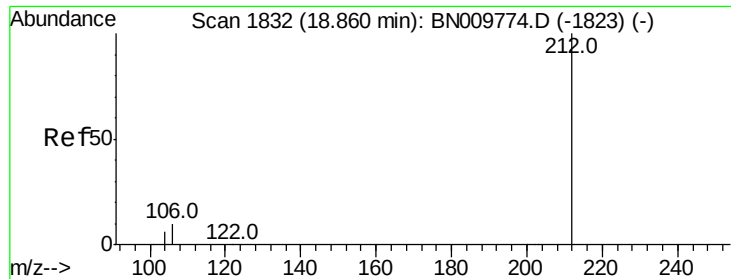
Acq: 11 Mar 2020 16:23

Tgt	Ion:266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
264	91.8	58.1	87.1#
268	108.2	65.7	98.5#



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





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 18.84 min Scan# 1829

Delta R.T. 0.03 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

ClientSampled :

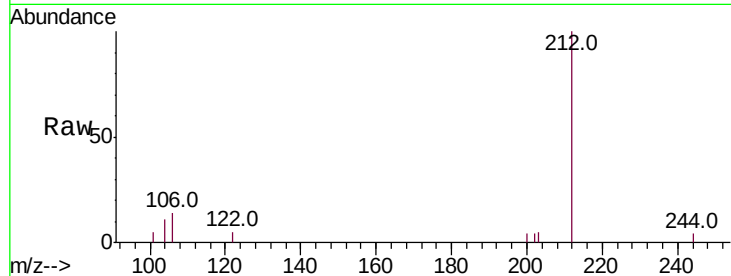
Tot Ion:212 Resp: 2970

Ion Ratio Lower Upper

212 100

106 9.7 8.4 12.6

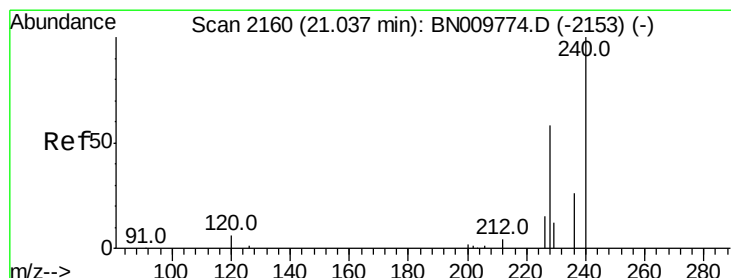
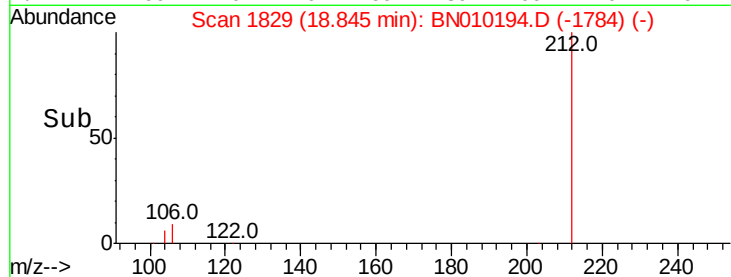
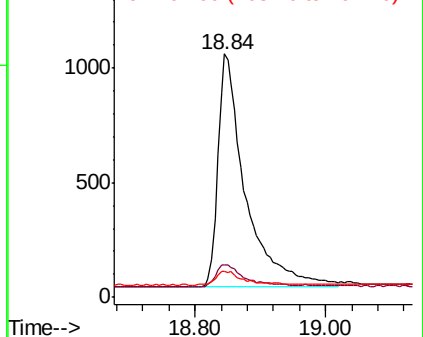
104 5.6 4.8 7.2



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: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

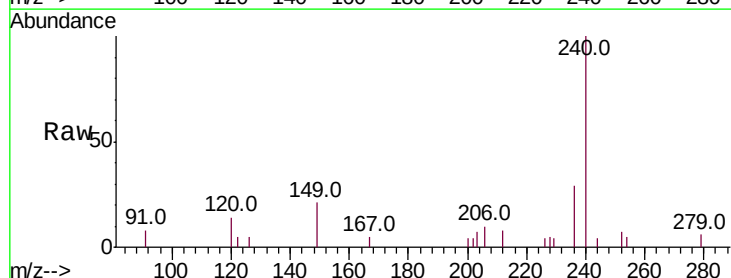
Tgt Ion:240 Resp: 2849

Ion Ratio Lower Upper

240 100

120 13.9 7.9 11.9#

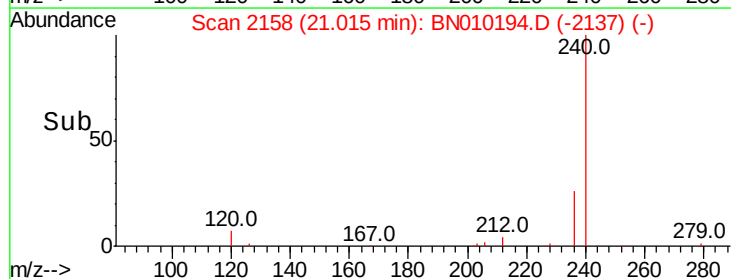
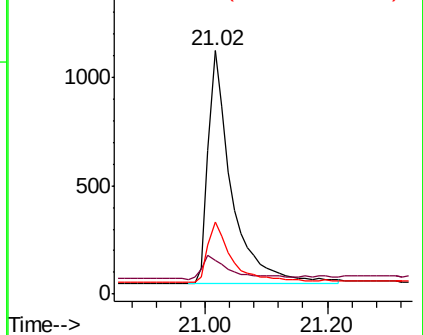
236 29.4 22.0 33.0

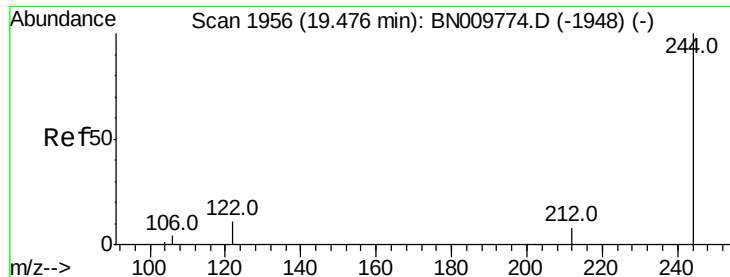


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.377 ng

RT: 19.45 min Scan# 1950

Delta R.T. 0.02 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

ClientSampleId :

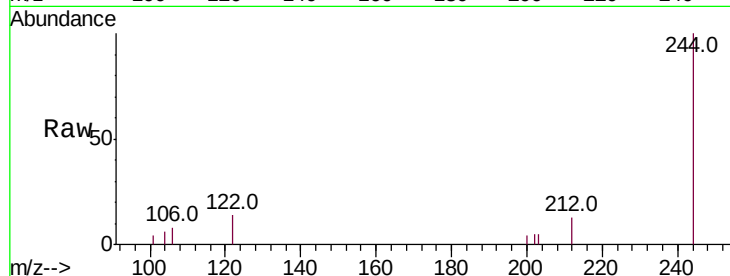
Tot Ion:244 Resp: 2565

Ion Ratio Lower Upper

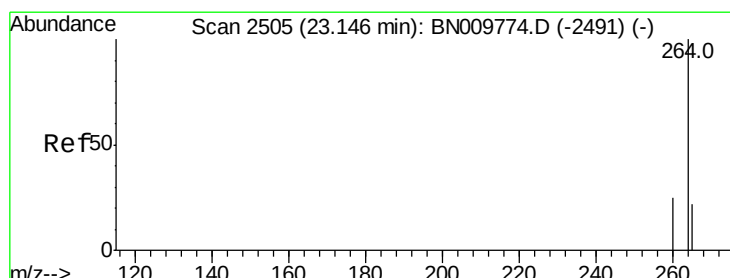
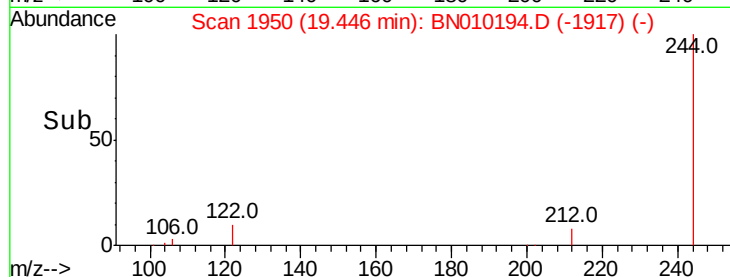
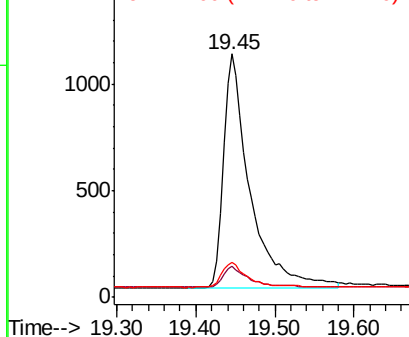
244 100

212 12.8 8.0 12.0#

122 14.4 10.0 15.0



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2497

Delta R.T. 0.02 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

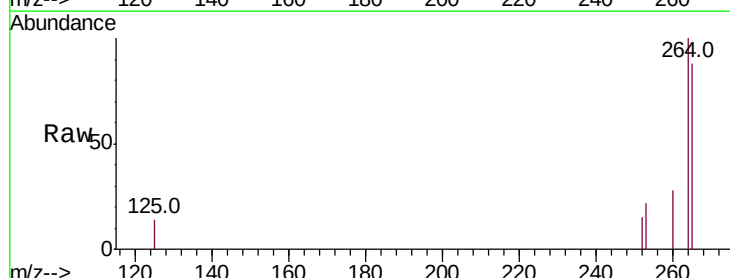
Tgt Ion:264 Resp: 2789

Ion Ratio Lower Upper

264 100

260 27.5 21.1 31.7

265 88.2 57.5 86.3#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

