

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009809.D
 Acq On : 21 Feb 2020 15:44
 Operator : CG/JU
 Sample : PB126934BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 16:38:08 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 Feb 19 15:57:43 2020
 Response via : Initial Calibration

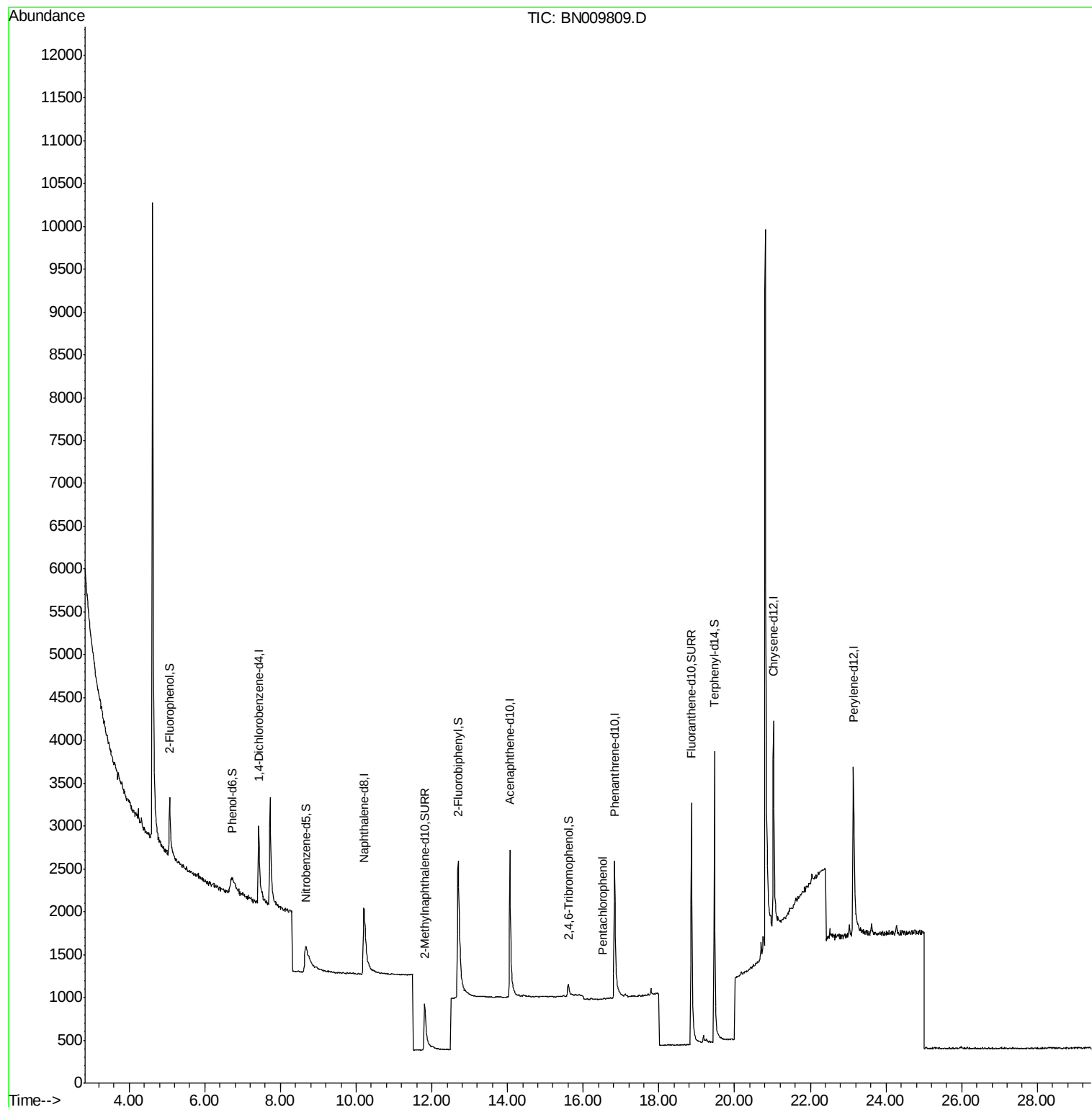
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	939	0.40	ng	0.00
7) Naphthalene-d8	10.20	136	2719	0.40	ng	0.03
13) Acenaphthene-d10	14.06	164	1900	0.40	ng	0.00
19) Phenanthrene-d10	16.83	188	4158	0.40	ng	0.01
27) Chrysene-d12	21.03	240	4051	0.40	ng	-0.01
34) Perylene-d12	23.14	264	4027	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	900	0.43	ng	0.00
5) Phenol-d6	6.72	99	643	0.25	ng	0.07
8) Nitrobenzene-d5	8.67	82	833	0.37	ng	0.08
11) 2-Methylnaphthalene-d10	11.81	152	1947	0.37	ng	0.03
14) 2,4,6-Tribromophenol	15.61	330	233	0.32	ng	0.02
15) 2-Fluorobiphenyl	12.70	172	3331	0.46	ng	0.01
25) Fluoranthene-d10	18.85	212	5501	0.38	ng	0.00
29) Terphenyl-d14	19.47	244	5124	0.53	ng	-0.01
Target Compounds						
20) 4-Bromophenyl-phenylether	16.04	248	204	Below Cal	#	78
22) Pentachlorophenol	16.52	266	10	0.190 ng	#	74

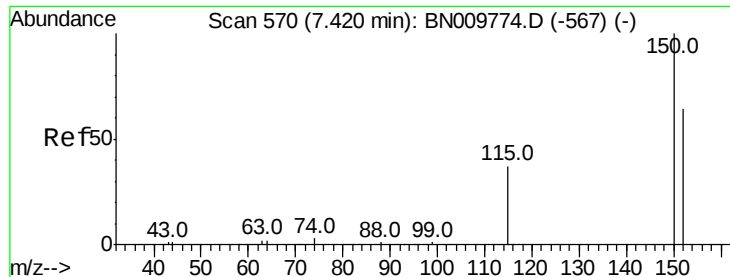
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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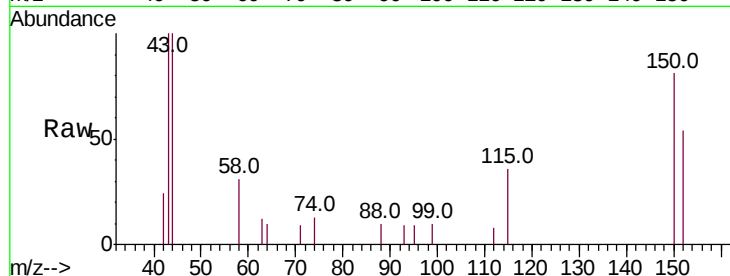


#1

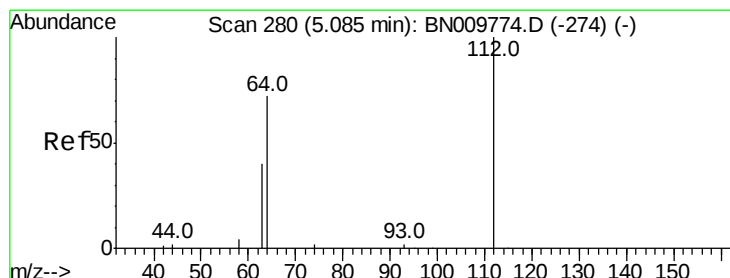
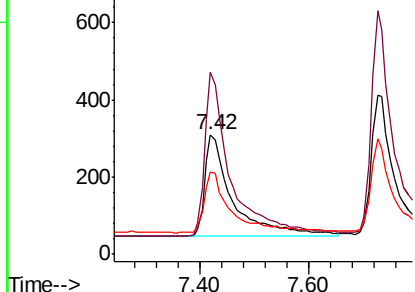
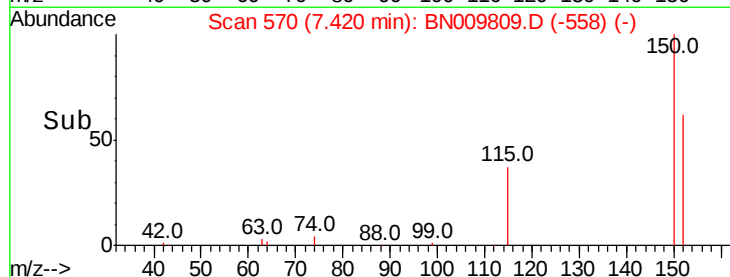
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009809.D
Acq: 21 Feb 2020 15:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 939
Ion Ratio Lower Upper
152 100
150 151.8 120.6 181.0
115 68.2 51.2 76.8



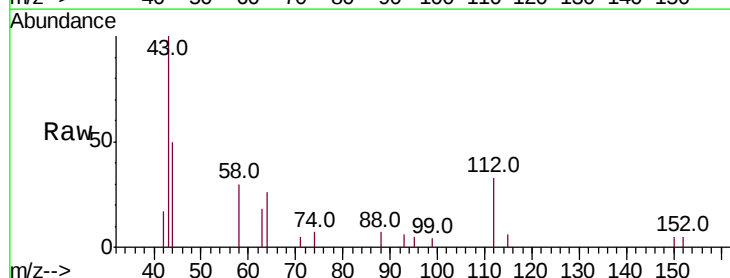
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



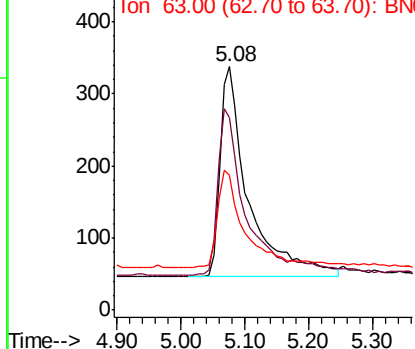
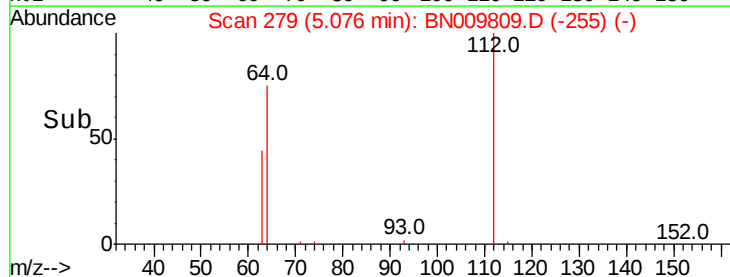
#4

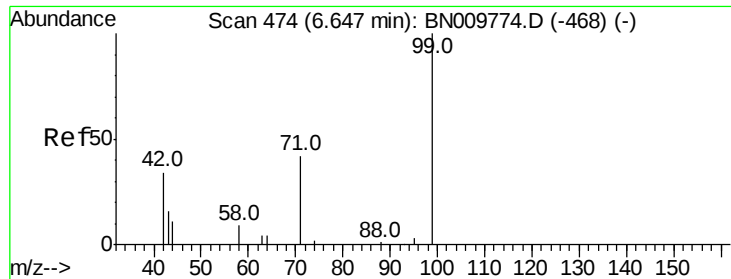
2-Fluorophenol
Concen: 0.431 ng
RT: 5.08 min Scan# 279
Delta R.T. -0.01 min
Lab File: BN009809.D
Acq: 21 Feb 2020 15:44

Tgt Ion:112 Resp: 900
Ion Ratio Lower Upper
112 100
64 81.4 65.8 98.6
63 46.3 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: 0.253 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.07 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

Instrument :

BNA_N

ClientSampled :

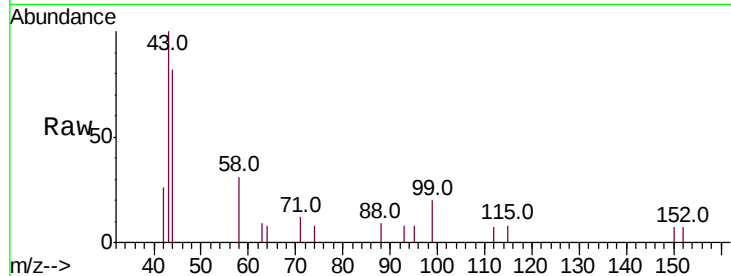
Tot Ion: 99 Resp: 643

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 41.8 34.9 52.3

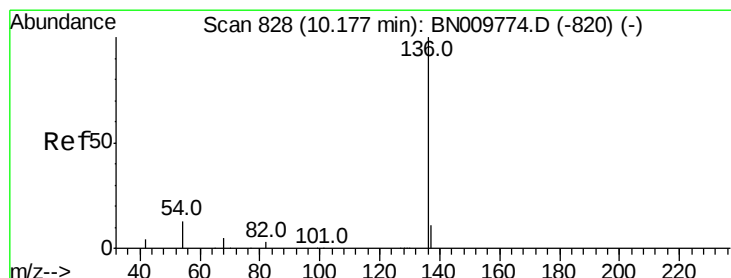
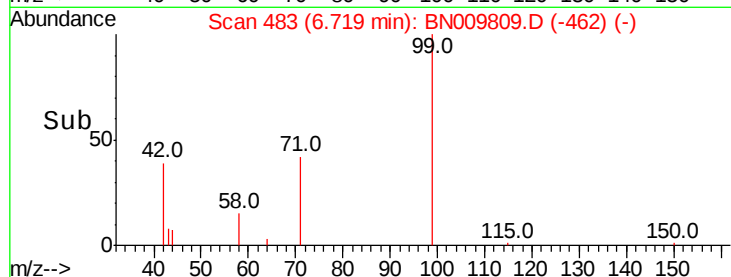
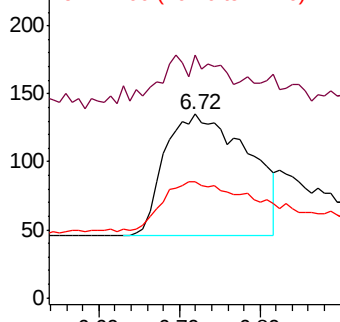


Abundance

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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.03 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

Tgt Ion: 136 Resp: 2719

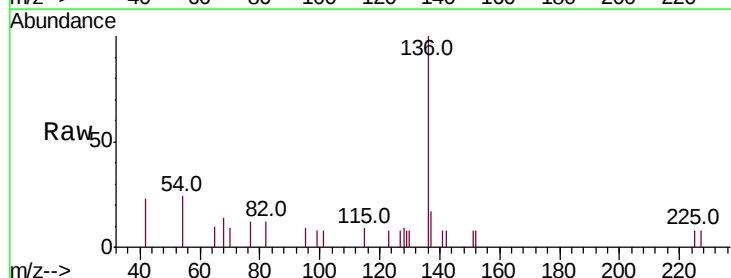
Ion Ratio Lower Upper

136 100

137 17.4 11.3 16.9#

54 23.9 13.4 20.2#

68 13.9 7.0 10.4#



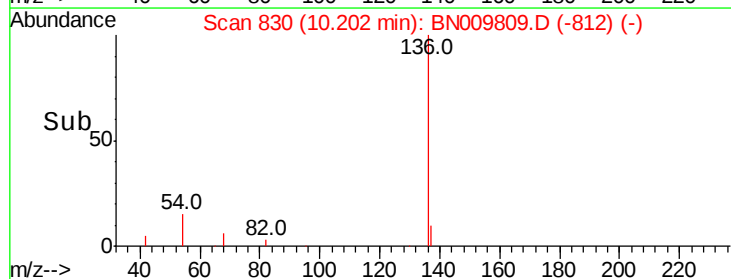
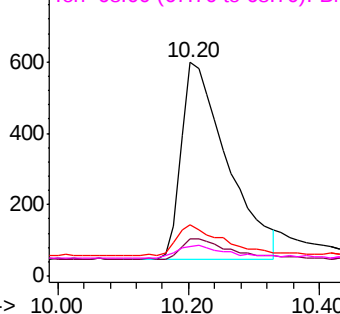
Abundance

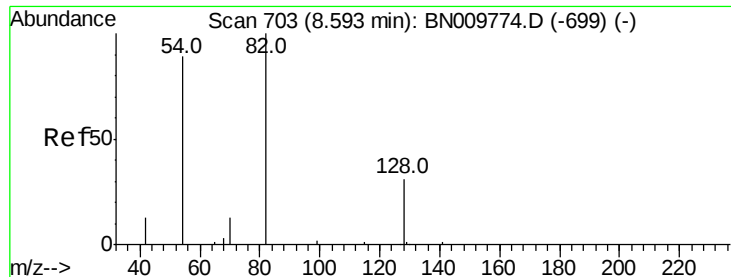
Ion 136.00 (135.70 to 136.70): BNC

Ion 137.00 (136.70 to 137.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

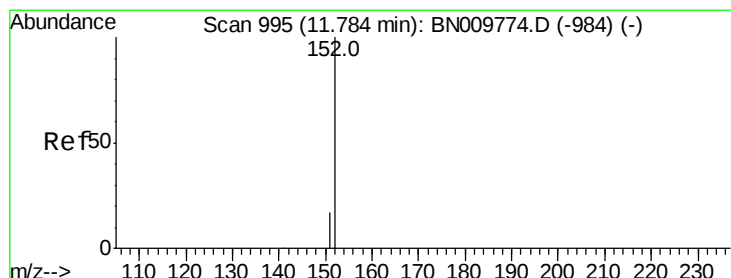
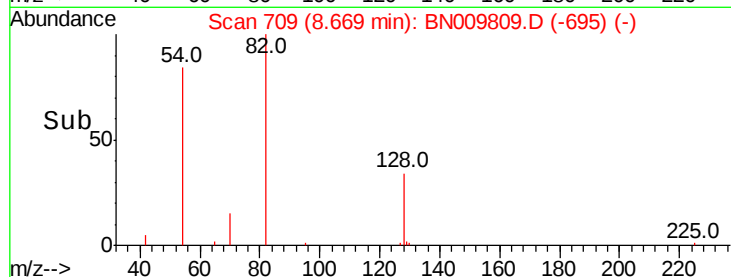
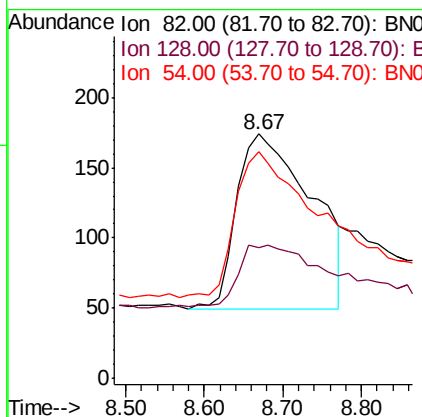
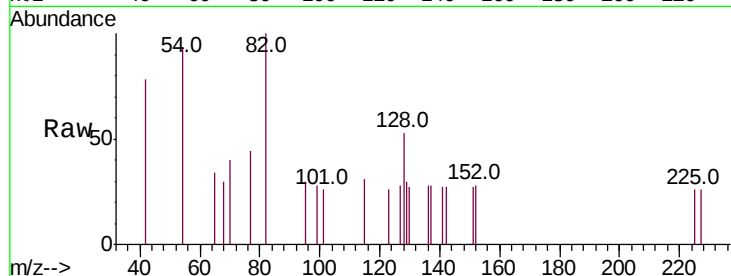




#8
 Nitrobenzene-d5
 Concen: 0.368 ng
 RT: 8.67 min Scan# 709
 Delta R.T. 0.08 min
 Lab File: BN009809.D
 Acq: 21 Feb 2020 15:44

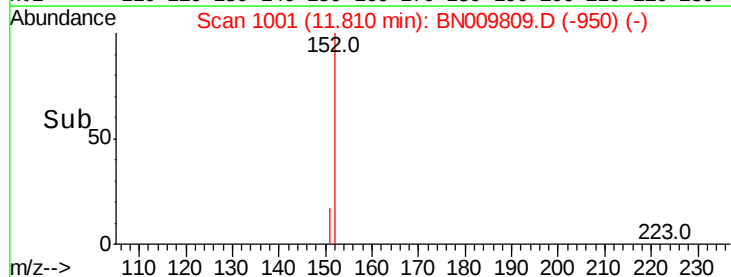
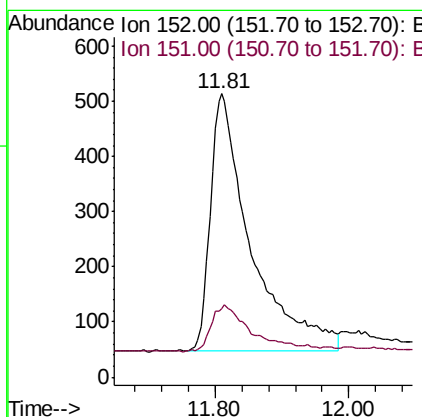
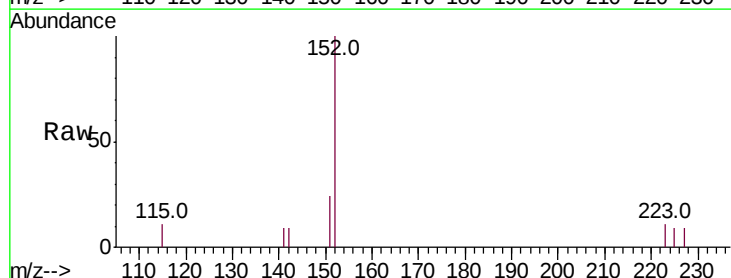
Instrument :
 BNA_N
 ClientSampleId :

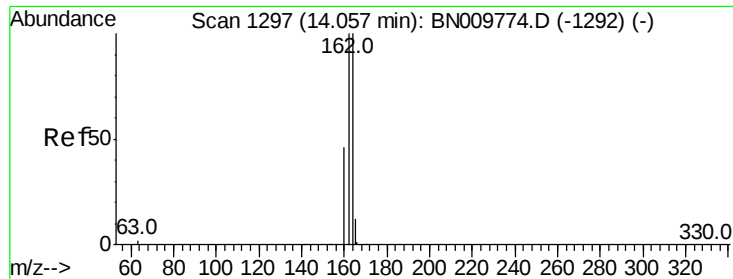
Tot Ion: 82 Resp: 833
 Ion Ratio Lower Upper
 82 100
 128 53.4 32.5 48.7#
 54 93.1 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 11.81 min Scan# 1001
 Delta R.T. 0.03 min
 Lab File: BN009809.D
 Acq: 21 Feb 2020 15:44

Tgt Ion: 152 Resp: 1947
 Ion Ratio Lower Upper
 152 100
 151 17.9 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

Instrument :

BNA_N

ClientSampleId :

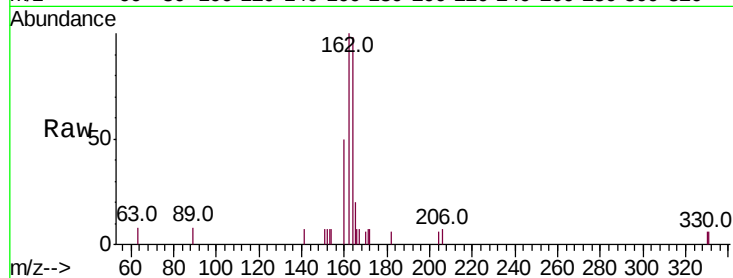
Tot Ion:164 Resp: 1900

Ion Ratio Lower Upper

164 100

162 102.4 79.9 119.9

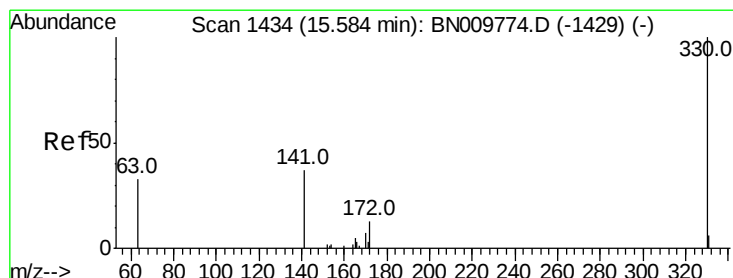
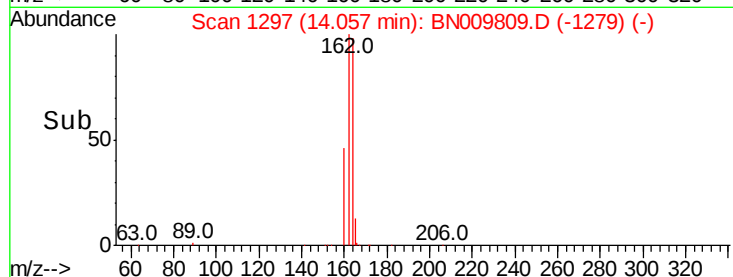
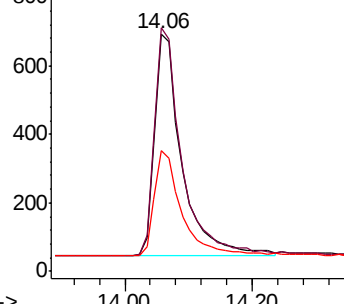
160 51.0 38.2 57.2



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: 0.318 ng

RT: 15.61 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

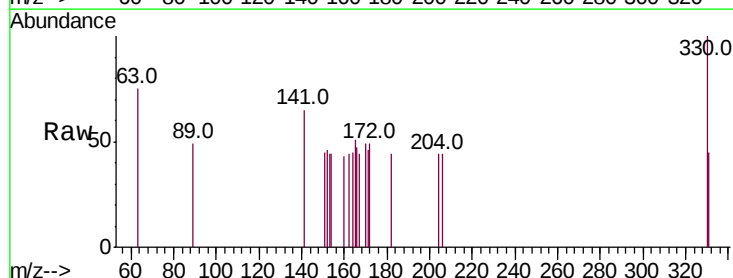
Tgt Ion:330 Resp: 233

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

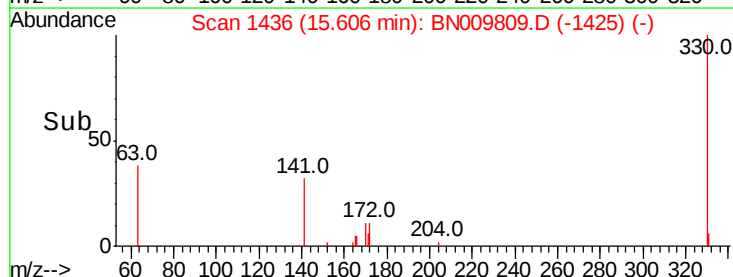
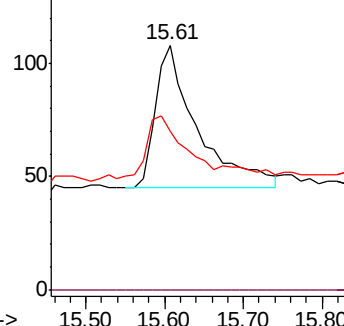
141 50.2 36.8 55.2

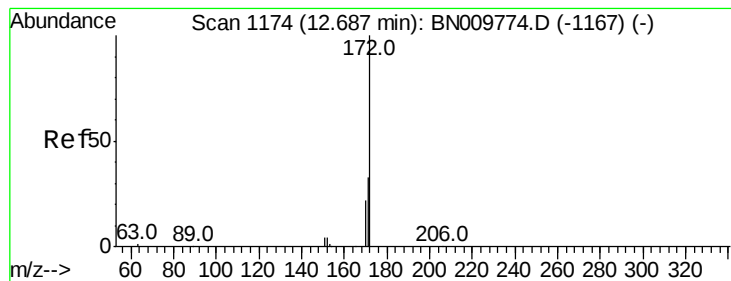


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

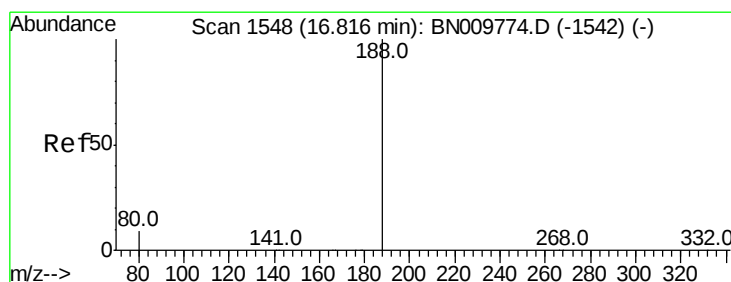
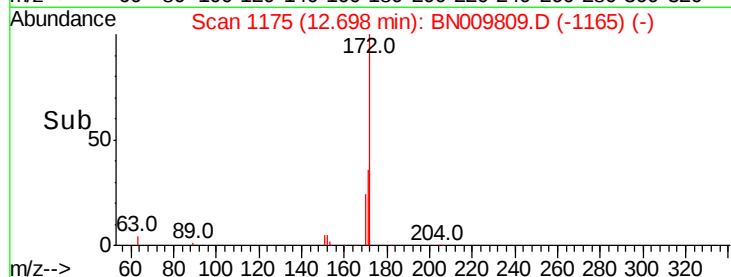
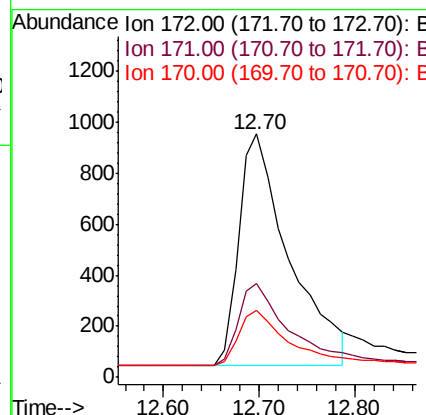
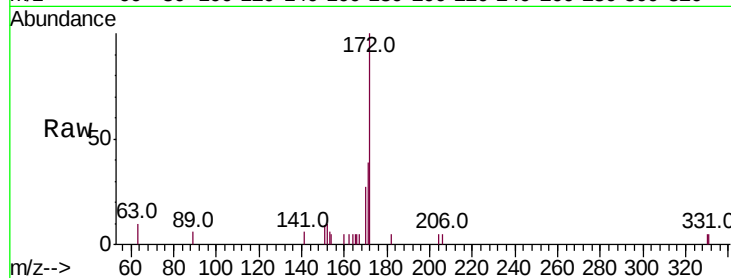




#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 12.70 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BN009809.D
Acq: 21 Feb 2020 15:44

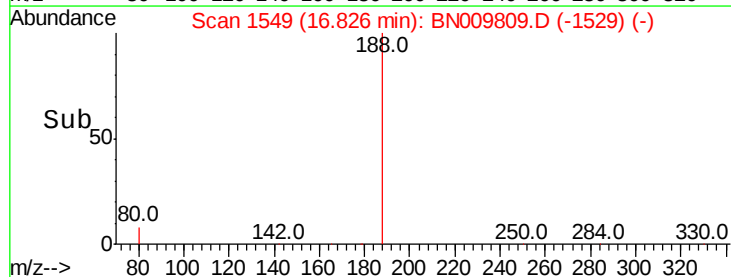
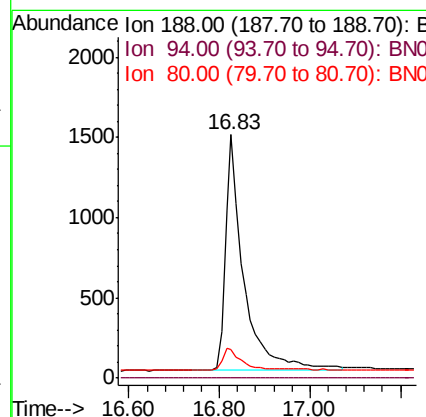
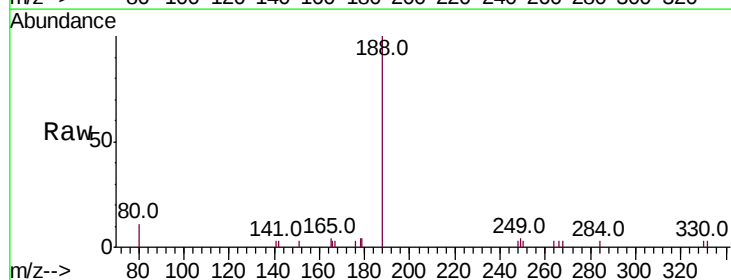
Instrument :
BNA_N
ClientSampleId :

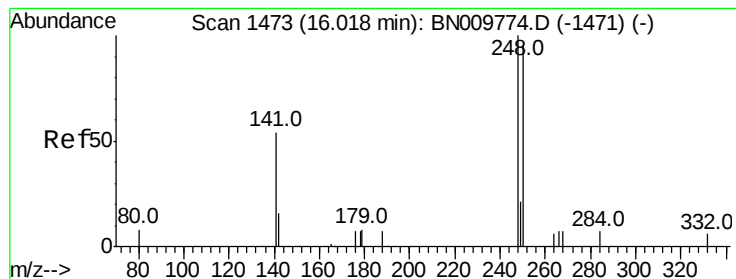
Tot Ion:172 Resp: 3331
Ion Ratio Lower Upper
172 100
171 38.6 28.7 43.1
170 27.3 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BN009809.D
Acq: 21 Feb 2020 15:44

Tgt Ion:188 Resp: 4158
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 8.3 12.5





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.04 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

Instrument :

BNA_N

ClientSampleId :

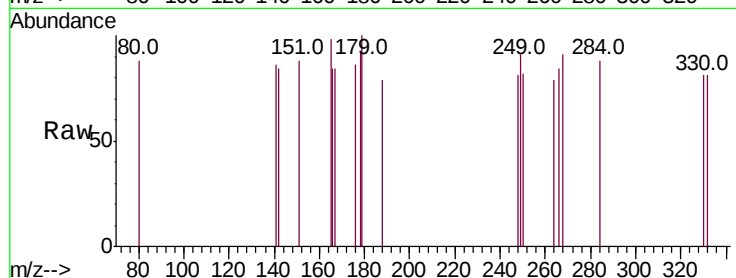
Tot Ion:248 Resp: 204

Ion Ratio Lower Upper

248 100

250 102.2 76.2 114.4

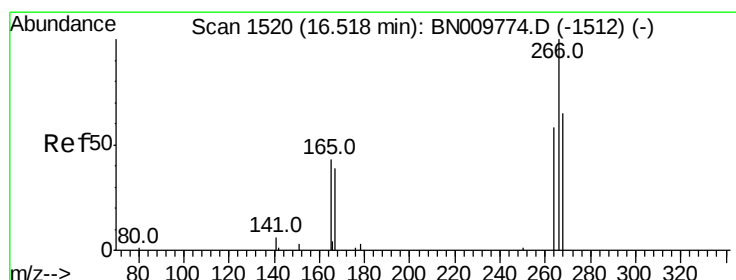
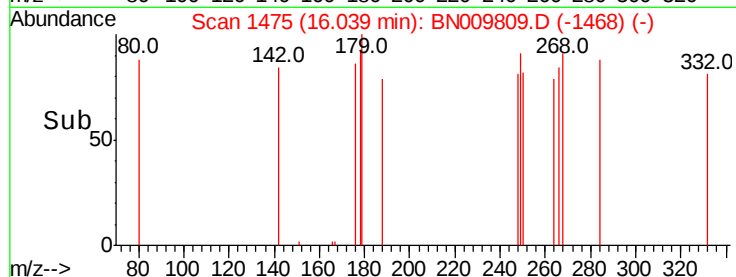
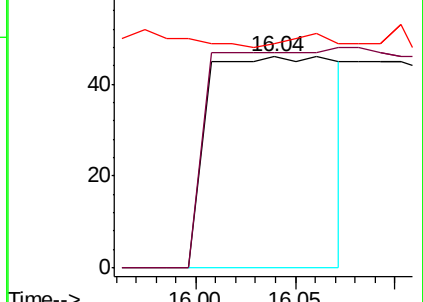
141 106.5 57.8 86.6#



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: 0.190 ng

RT: 16.52 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

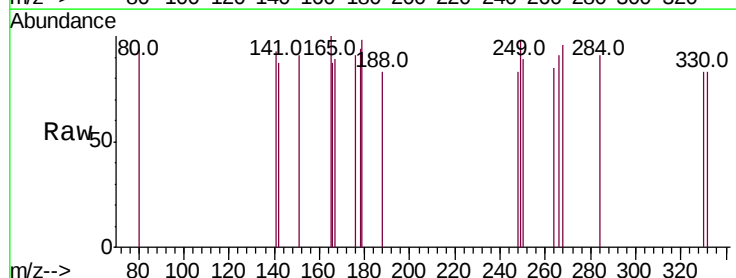
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.9 58.1 87.1#

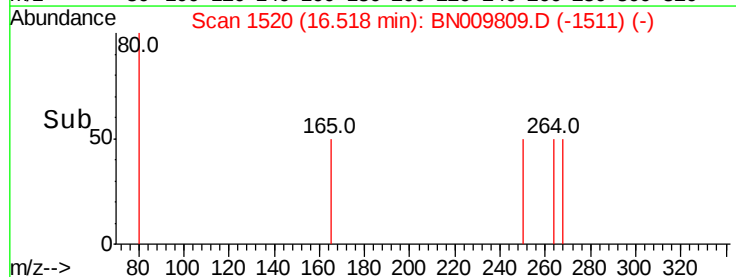
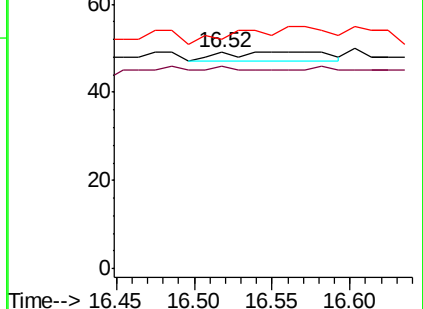
268 106.1 65.7 98.5#

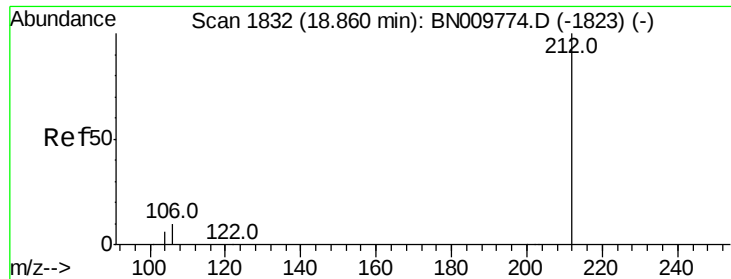


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

Instrument :

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ClientSampleId :

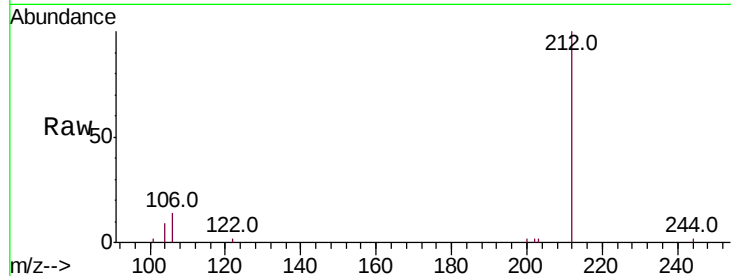
Tot Ion:212 Resp: 5501

Ion Ratio Lower Upper

212 100

106 10.5 8.4 12.6

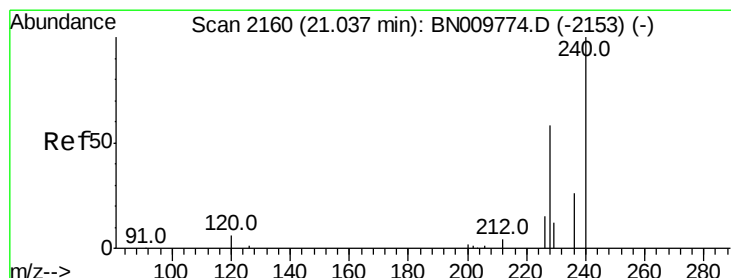
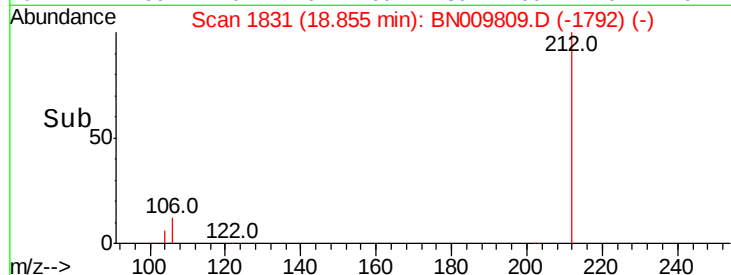
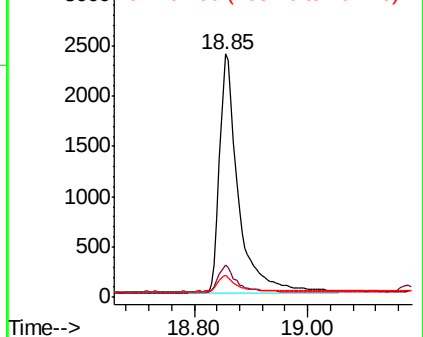
104 6.5 4.8 7.2



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: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

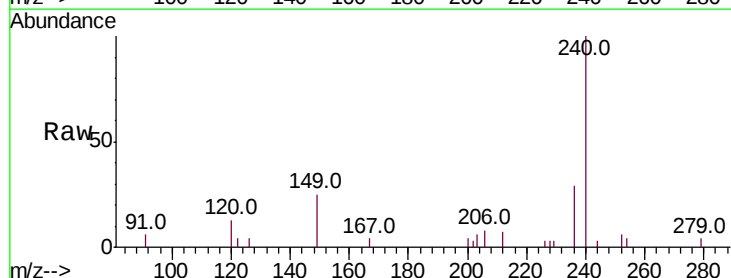
Tgt Ion:240 Resp: 4051

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

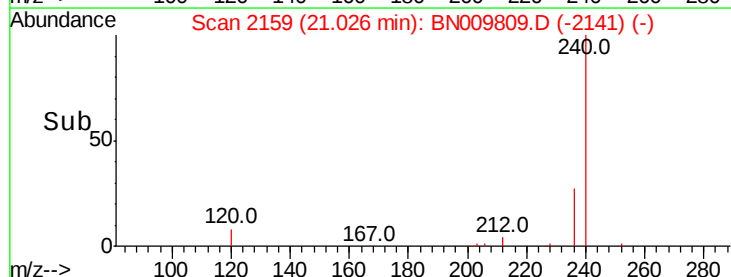
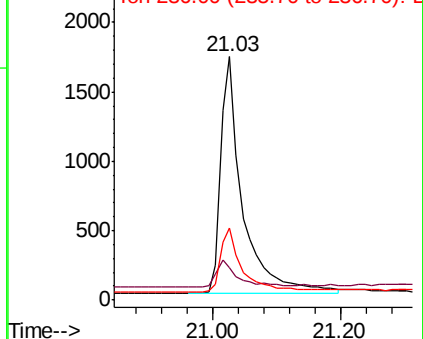
236 29.5 22.0 33.0

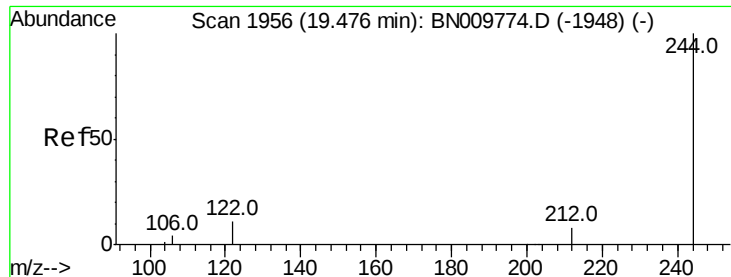


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.529 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

Instrument :

BNA_N

ClientSampleId :

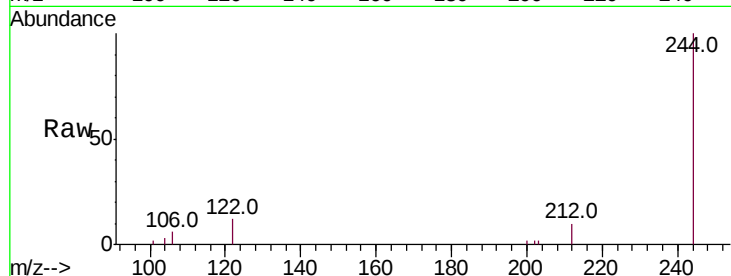
Tot Ion:244 Resp: 5124

Ion Ratio Lower Upper

244 100

212 9.9 8.0 12.0

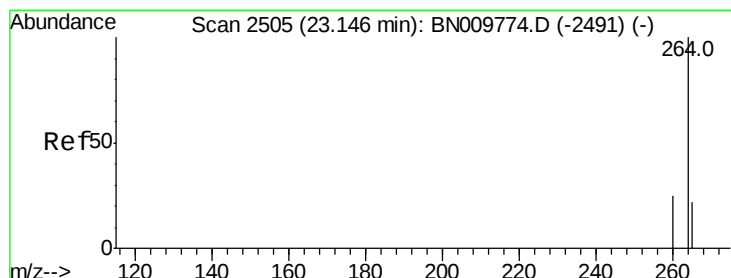
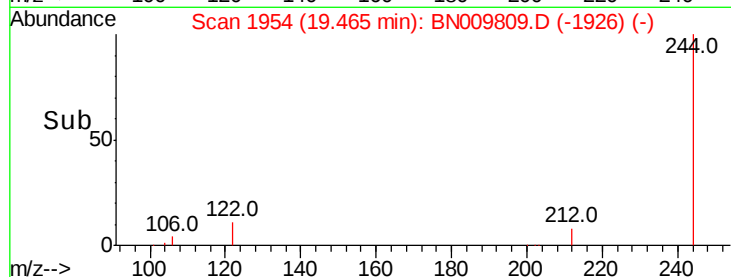
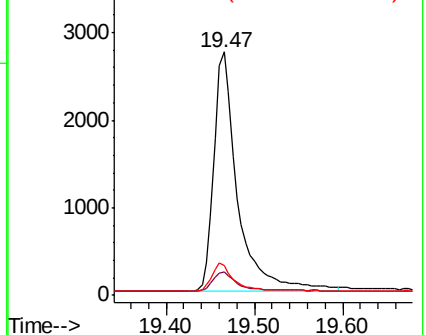
122 12.2 10.0 15.0



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: 23.14 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BN009809.D

Acq: 21 Feb 2020 15:44

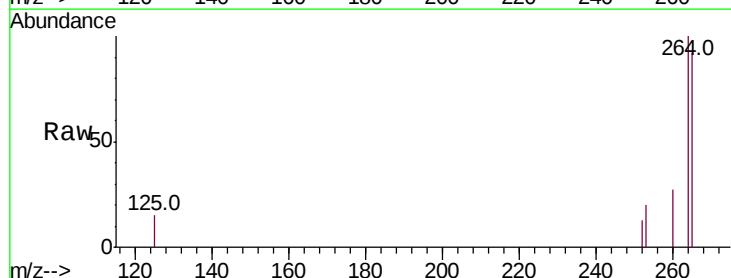
Tgt Ion:264 Resp: 4027

Ion Ratio Lower Upper

264 100

260 26.7 21.1 31.7

265 91.7 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

