

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007598.D
 Acq On : 11 Sep 2019 21:14
 Operator : HP/JU
 Sample : PB122940BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122940BL

Quant Time: Sep 12 06:46:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7058	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	27872	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	14200	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	32169	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	29306	0.40	ng	-0.02
34) Perylene-d12	23.50	264	29785	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	6699	0.31	ng	0.00
5) Phenol-d6	6.90	99	9069	0.31	ng	0.00
8) Nitrobenzene-d5	8.86	82	6387	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	14429	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1424	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	18994	0.32	ng	-0.01
25) Fluoranthene-d10	19.12	212	30240	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	25604	0.34	ng	-0.01

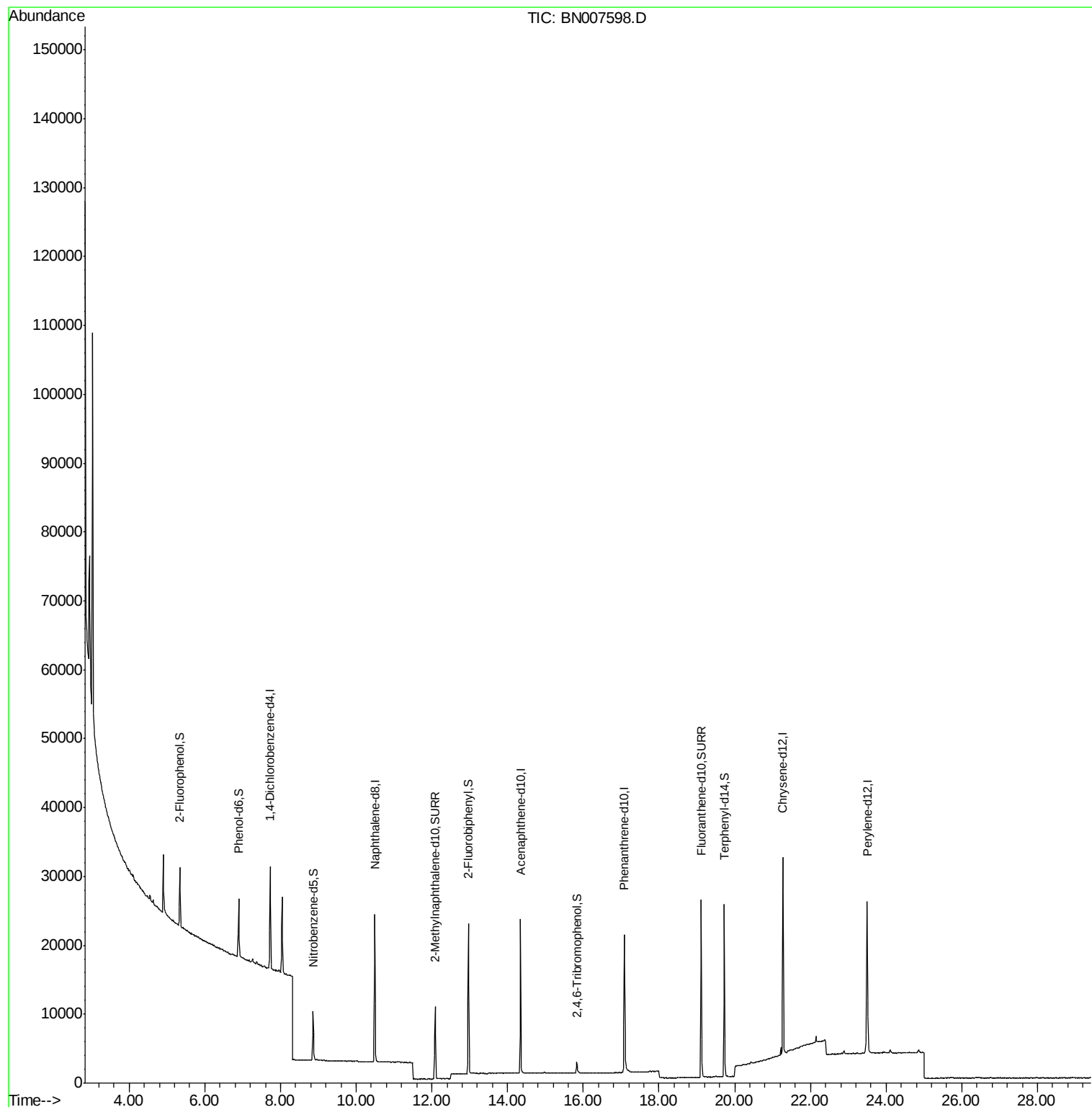
Target Compounds	Qvalue
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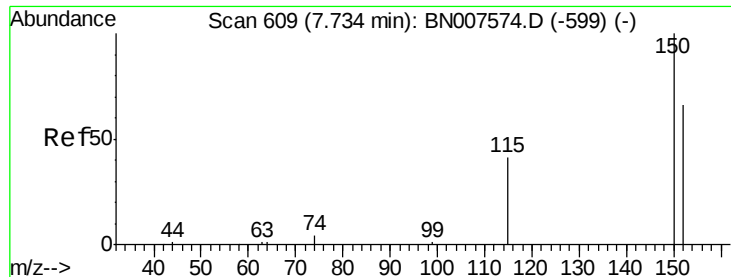
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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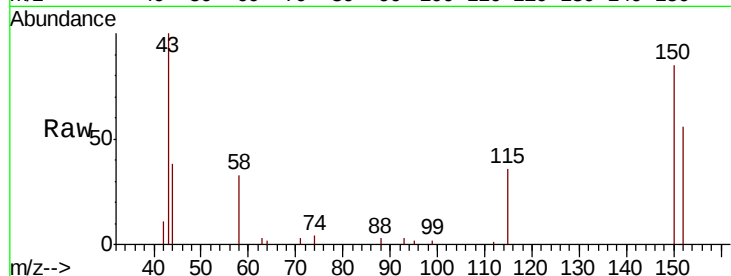


#1

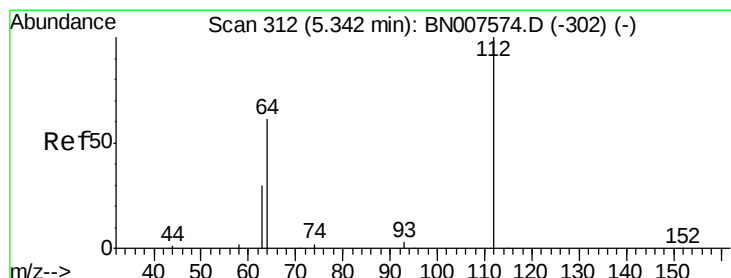
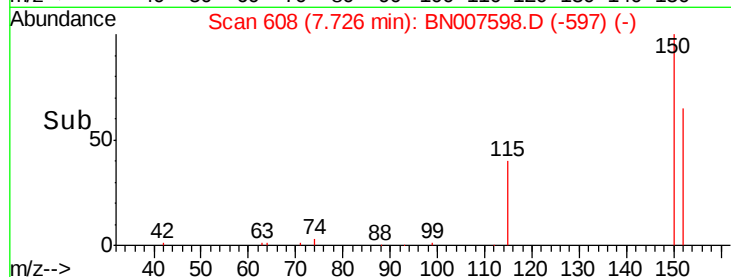
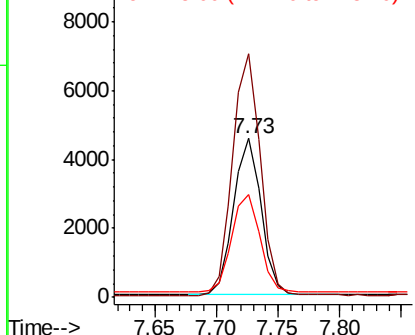
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BN007598.D
 Acq: 11 Sep 2019 21:14

Instrument :
 BNA_N
 ClientSampleId :
 PB122940BL

Tot Ion:152 Resp: 7058
 Ion Ratio Lower Upper
 152 100
 150 153.5 119.5 179.3
 115 64.8 53.0 79.6



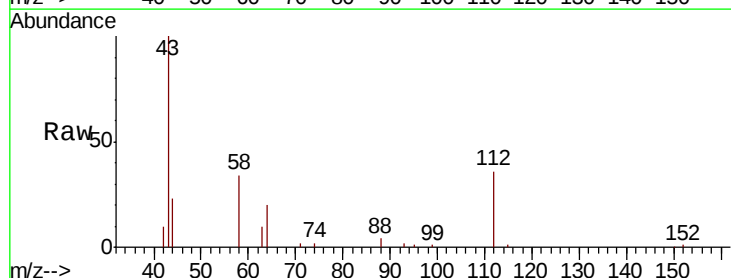
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



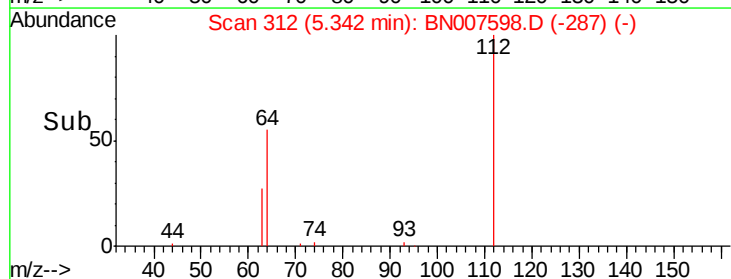
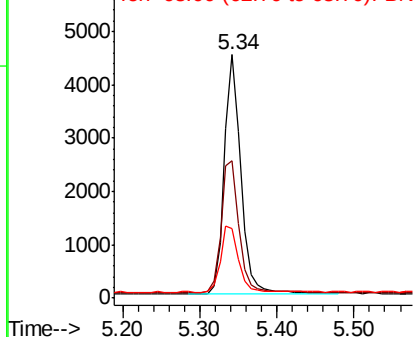
#4

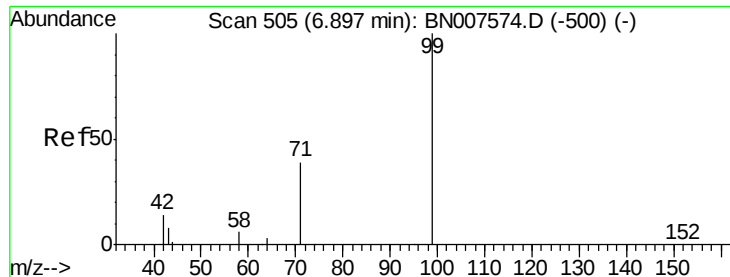
2-Fluorophenol
 Concen: 0.312 ng
 RT: 5.34 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: BN007598.D
 Acq: 11 Sep 2019 21:14

Tgt Ion:112 Resp: 6699
 Ion Ratio Lower Upper
 112 100
 64 60.5 49.2 73.8
 63 30.2 26.0 39.0



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: 0.314 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

PB122940BL

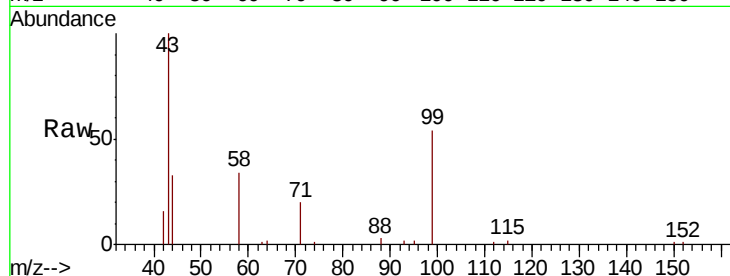
Tot Ion: 99 Resp: 9069

Ion Ratio Lower Upper

99 100

42 13.6 11.8 17.8

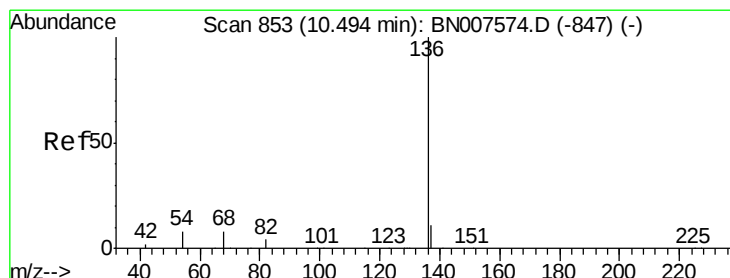
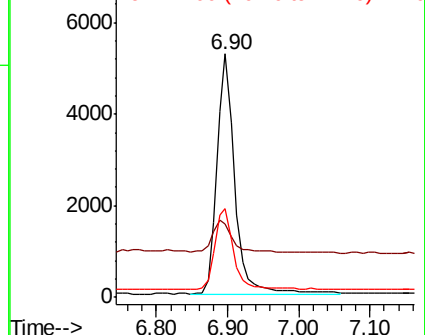
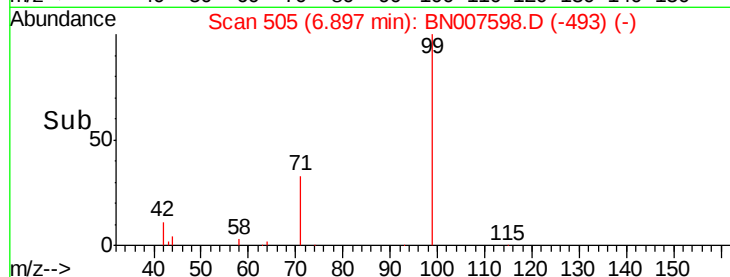
71 33.9 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007574.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN007574.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN007574.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Tgt Ion: 136 Resp: 27872

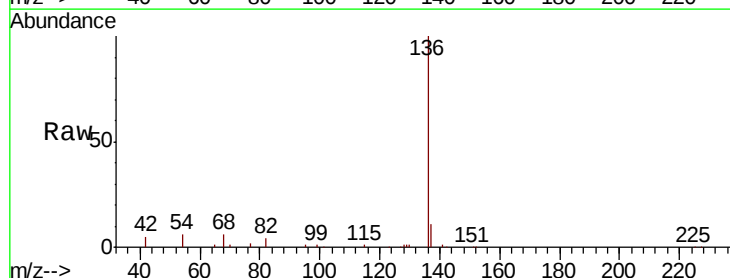
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 5.8 7.5 11.3#

68 6.4 7.9 11.9#

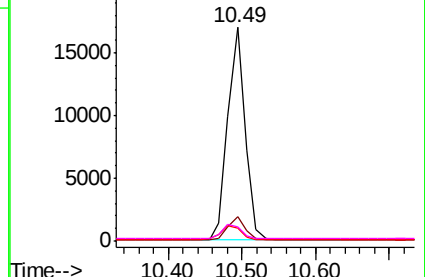
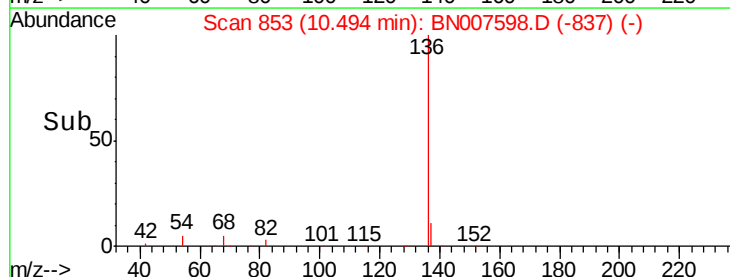


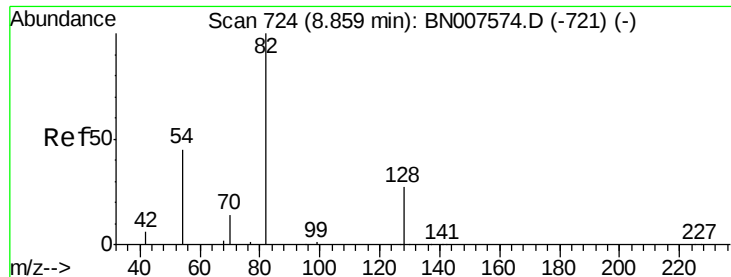
Abundance Ion 136.00 (135.70 to 136.70): BN007574.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007574.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007574.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007574.D (-847) (-)





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

PB122940BL

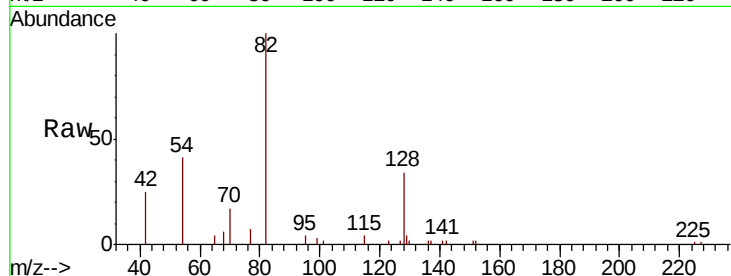
Tot Ion: 82 Resp: 6387

Ion Ratio Lower Upper

82 100

128 34.4 23.4 35.2

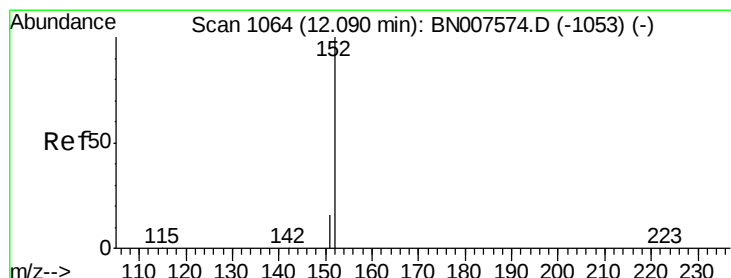
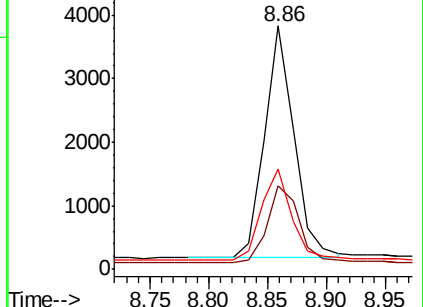
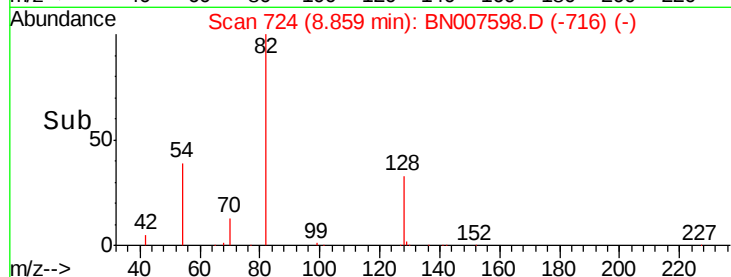
54 40.9 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BN007574.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007574.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007574.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.09 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN007598.D

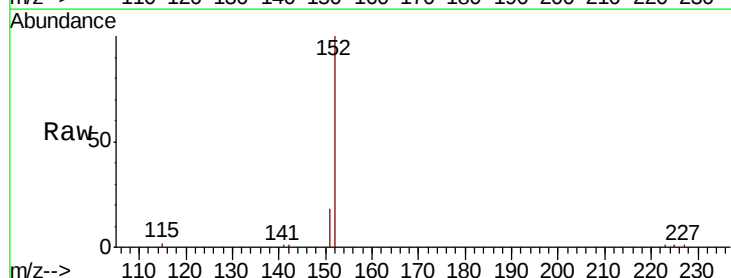
Acq: 11 Sep 2019 21:14

Tgt Ion: 152 Resp: 14429

Ion Ratio Lower Upper

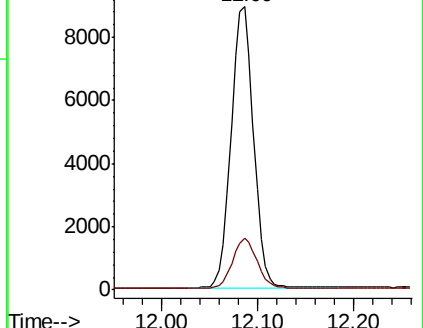
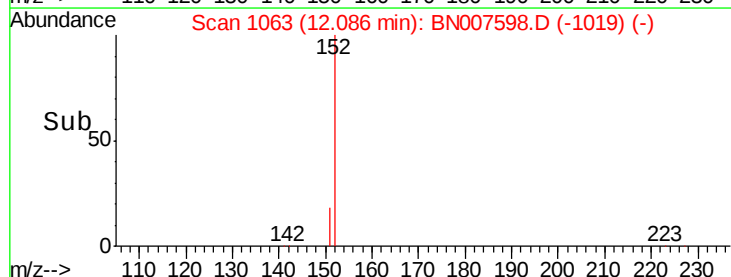
152 100

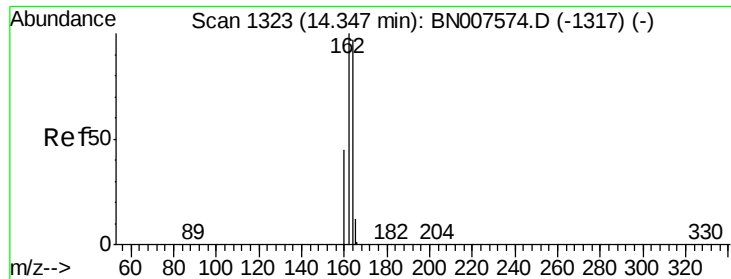
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007574.D (-1053) (-)

Ion 151.00 (150.70 to 151.70): BN007574.D (-1053) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

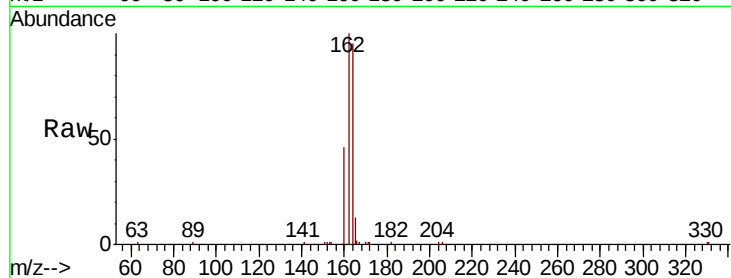
BNA_N

ClientSampleId :

PB122940BL

Tot Ion:164 Resp: 14200

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.2
160	49.0	37.4	56.0

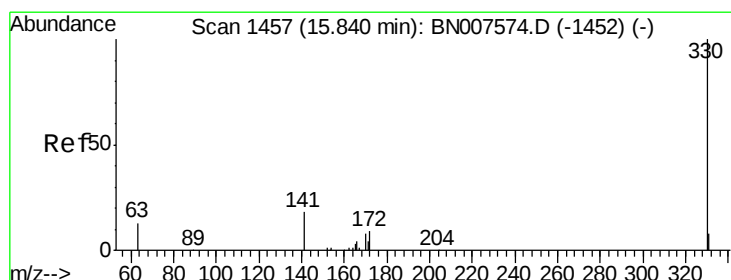
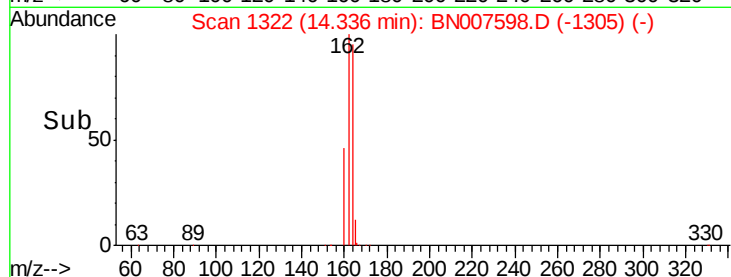
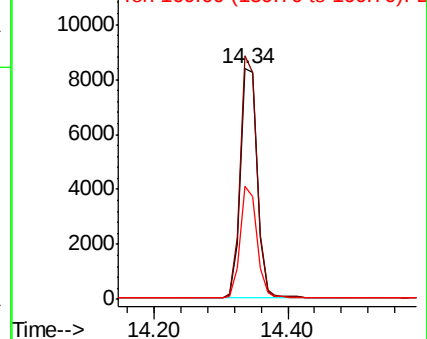


Abundance

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: 0.264 ng

RT: 15.83 min Scan# 1456

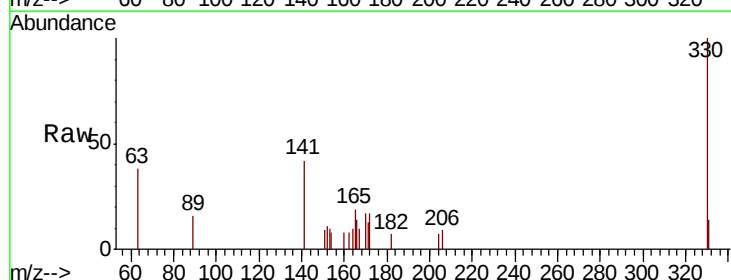
Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Tgt Ion:330 Resp: 1424

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	30.6	45.8

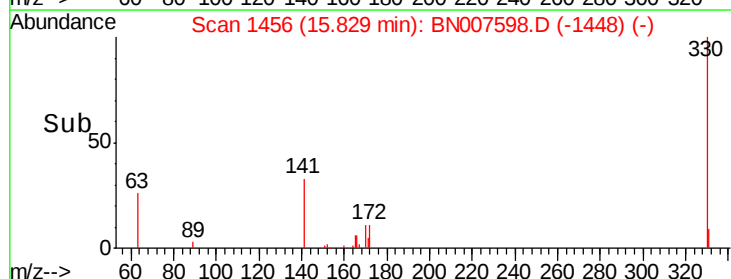
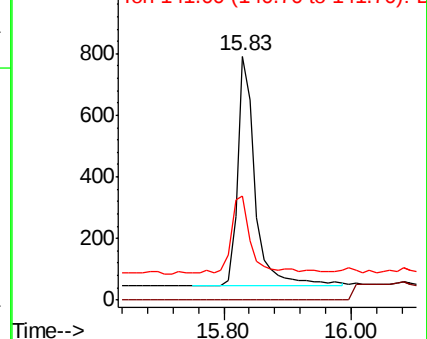


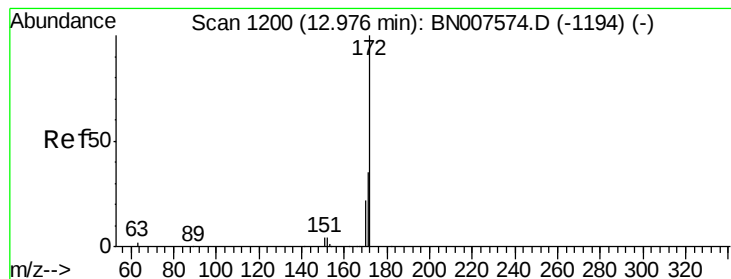
Abundance

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: 0.324 ng

RT: 12.97 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleId :

PB122940BL

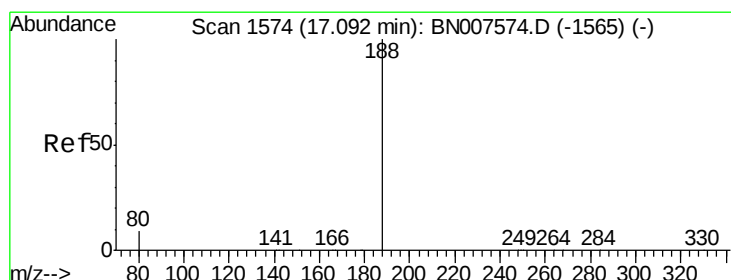
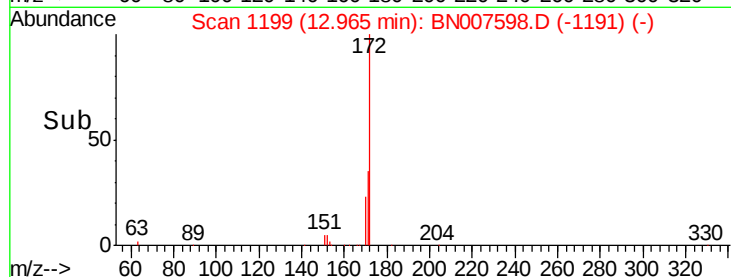
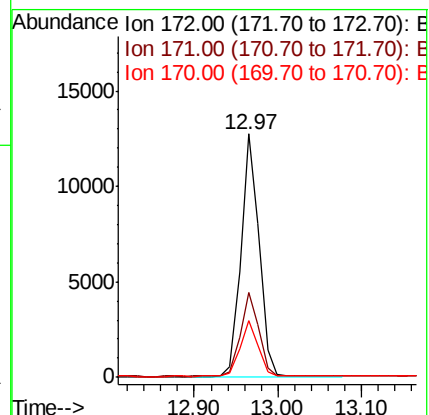
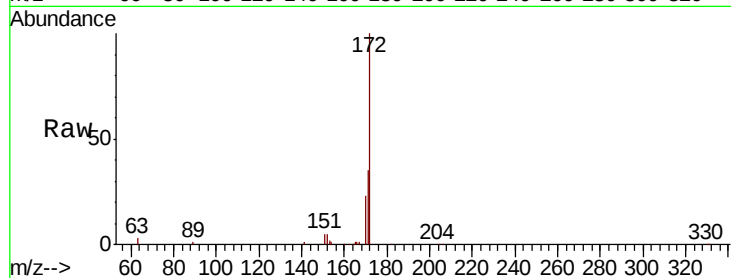
Tot Ion:172 Resp: 18994

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.2 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

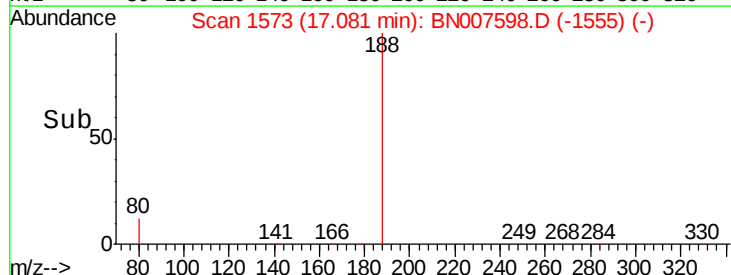
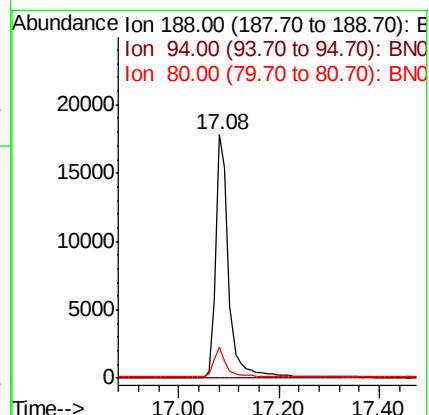
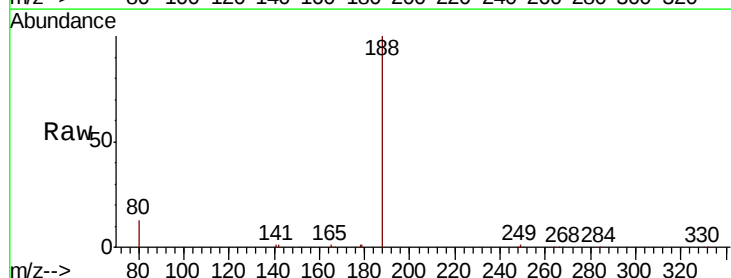
Tgt Ion:188 Resp: 32169

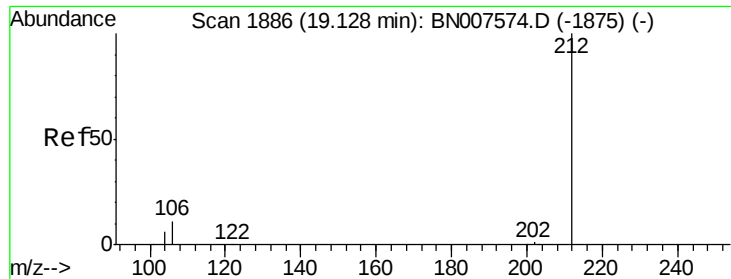
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 8.1 12.1#





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

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ClientSampleId :

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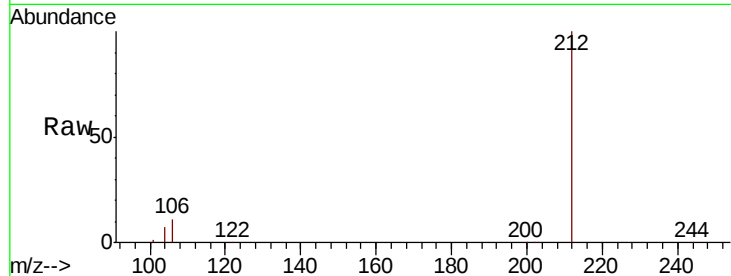
Tot Ion:212 Resp: 30240

Ion Ratio Lower Upper

212 100

106 11.8 9.7 14.5

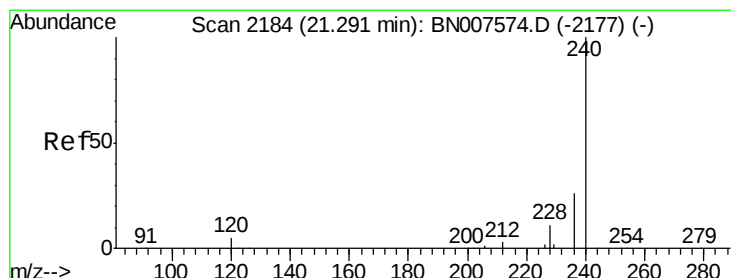
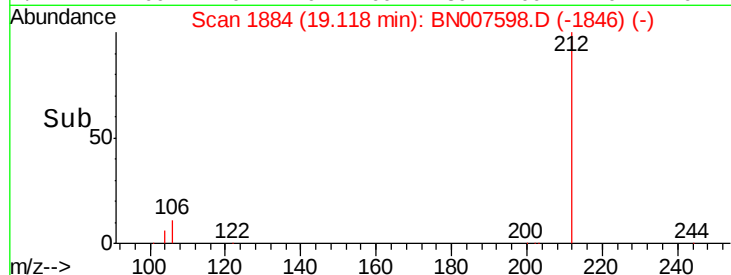
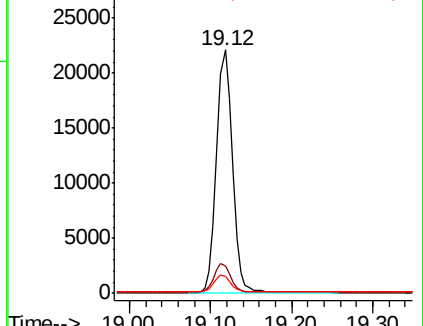
104 6.6 5.5 8.3



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: 21.27 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

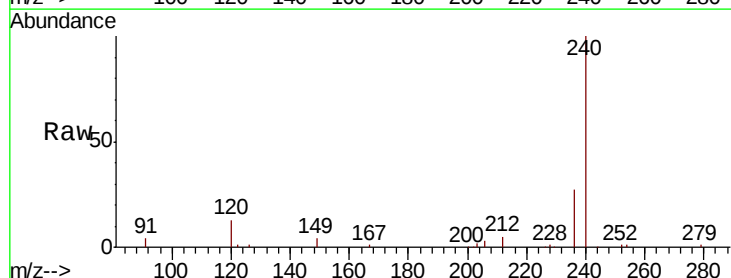
Tgt Ion:240 Resp: 29306

Ion Ratio Lower Upper

240 100

120 13.1 5.0 7.4#

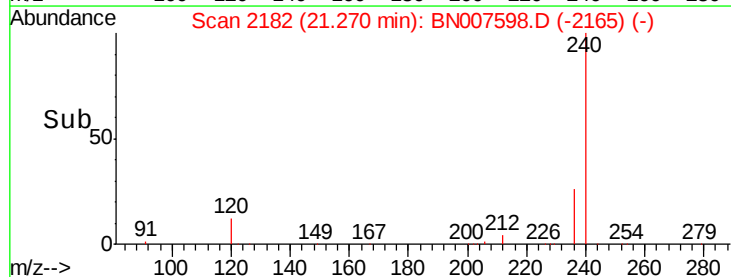
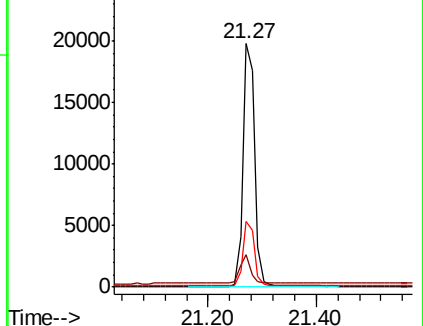
236 26.9 20.6 31.0

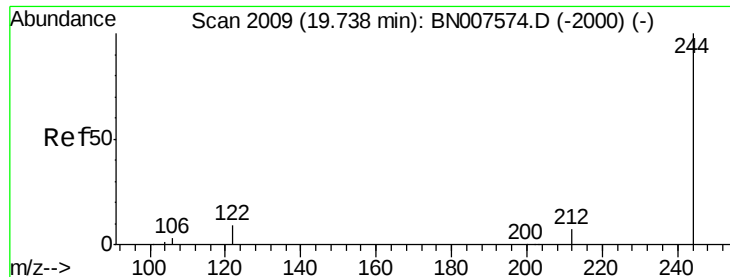


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.336 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

Instrument :

BNA_N

ClientSampleID :

PB122940BL

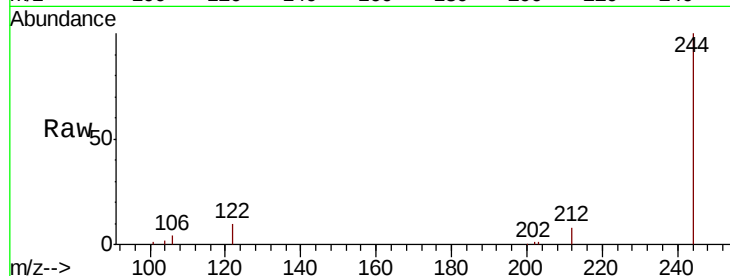
Tot Ion:244 Resp: 25604

Ion Ratio Lower Upper

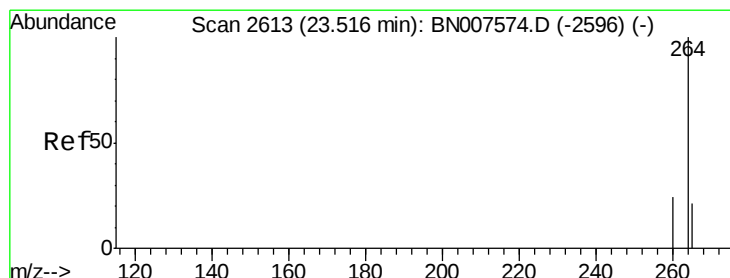
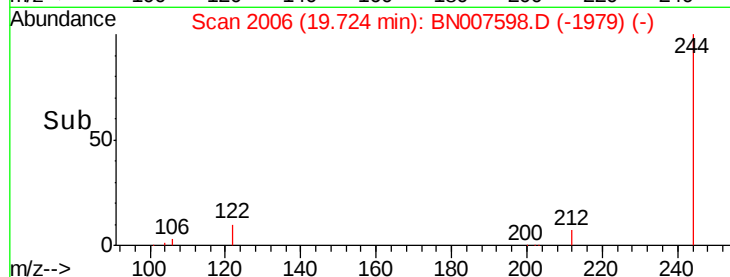
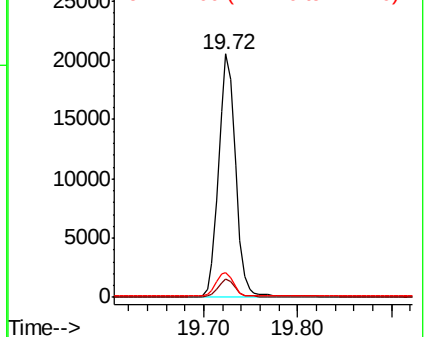
244 100

212 7.5 5.8 8.8

122 10.2 7.8 11.6



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: 23.50 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BN007598.D

Acq: 11 Sep 2019 21:14

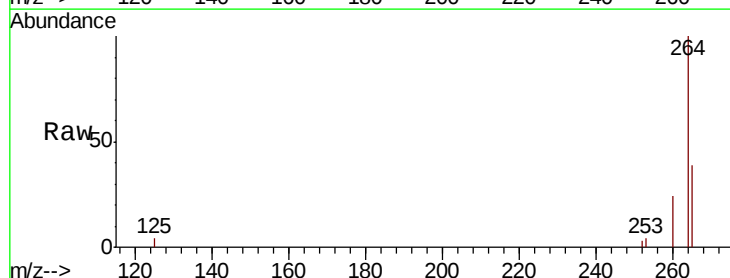
Tgt Ion:264 Resp: 29785

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 39.5 25.6 38.4#



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

