

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004838.D
 Acq On : 21 Mar 2019 02:27
 Operator : JU/SJ
 Sample : K1842-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PR-MW-03_030819

Quant Time: Mar 21 09:20:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1504	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6562	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4265	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	11397	0.40	ng	0.01
27) Chrysene-d12	21.29	240	15540	0.40	ng	0.00
34) Perylene-d12	23.54	264	17469	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	692	0.17	ng	0.00
5) Phenol-d6	6.89	99	533	0.10	ng	0.00
8) Nitrobenzene-d5	8.87	82	1494	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	4154	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	994	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7253	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	15142	0.40	ng	0.00
29) Terphenyl-d14	19.73	244	14775	0.46	ng	0.00

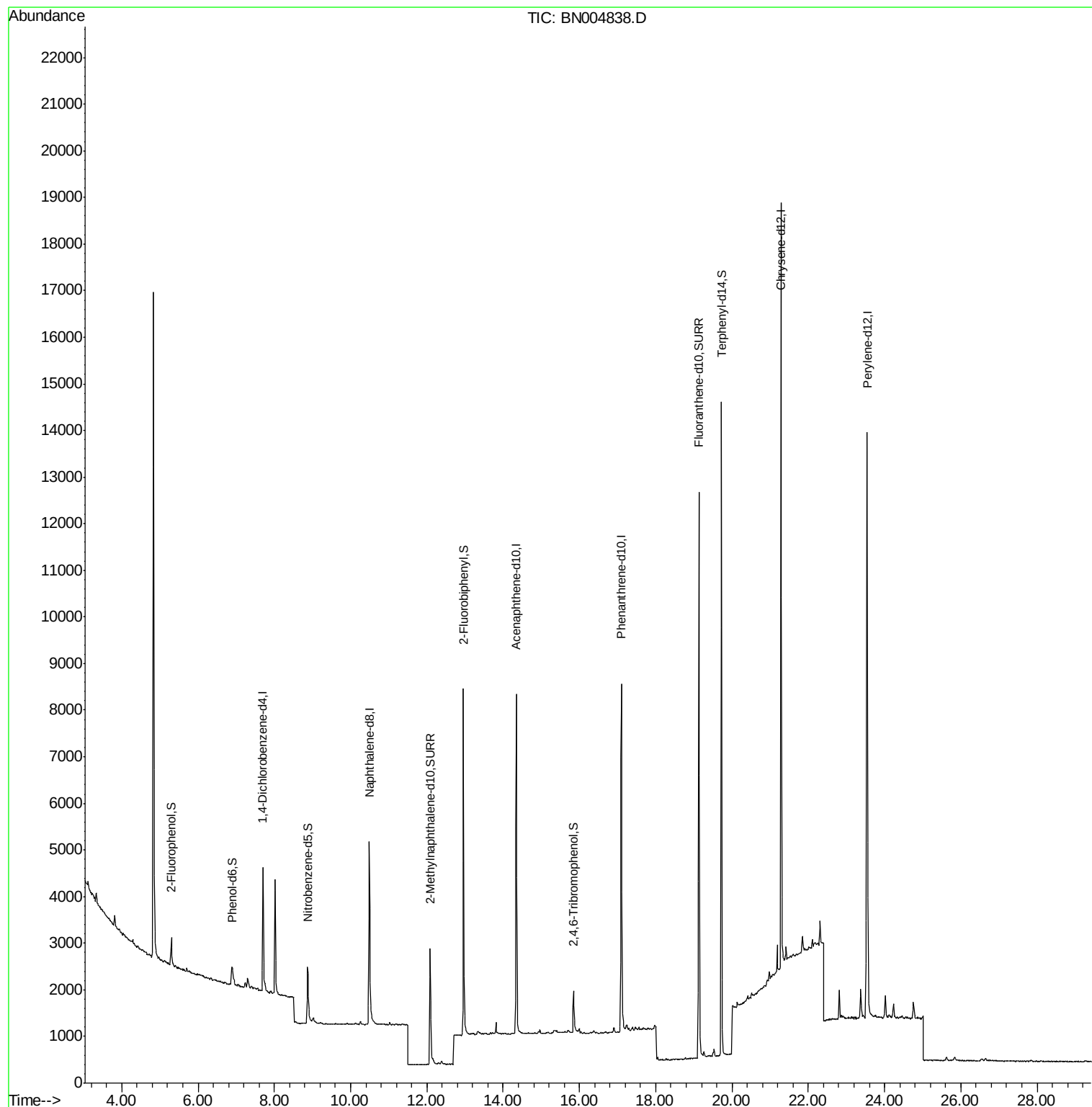
Target Compounds	Qvalue
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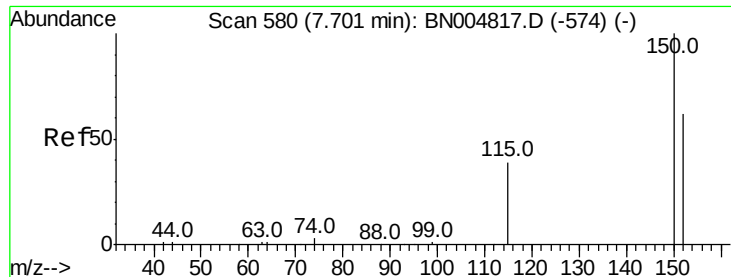
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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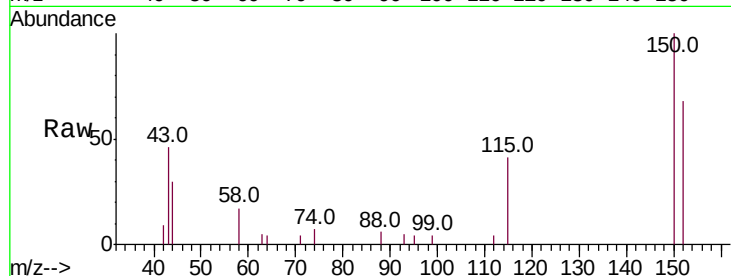


#1

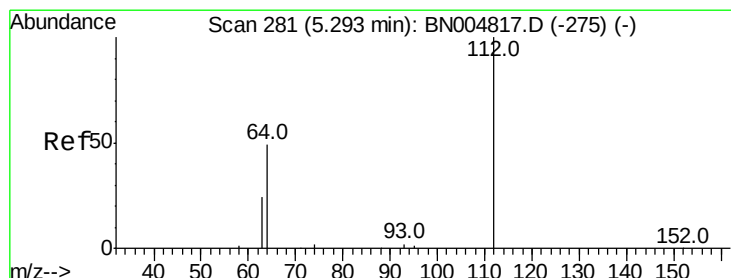
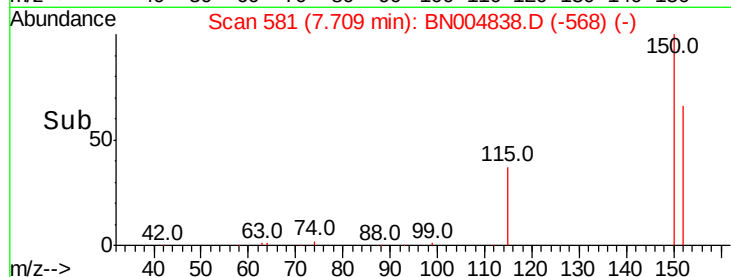
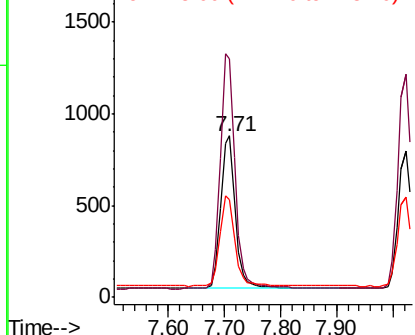
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004838.D
Acq: 21 Mar 2019 02:27

Instrument :
BNA_N
ClientSampleId :
PR-MW-03_030819

Tot Ion:152 Resp: 1504
Ion Ratio Lower Upper
152 100
150 148.1 126.2 189.4
115 60.6 52.6 79.0



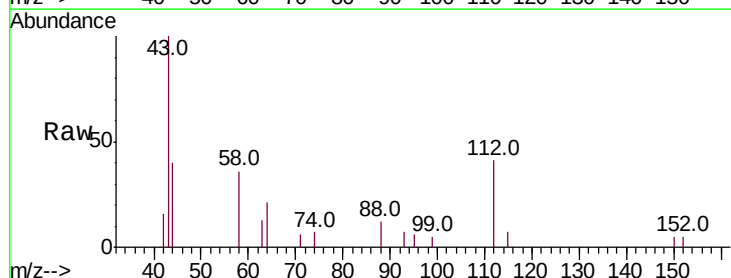
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



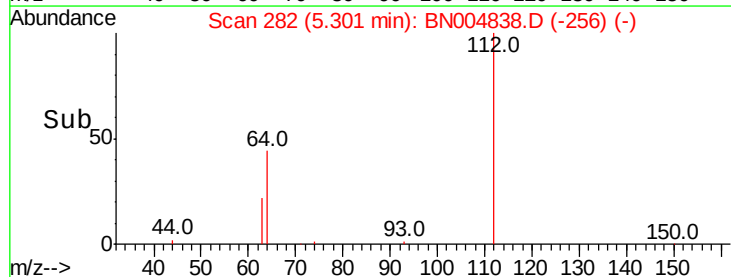
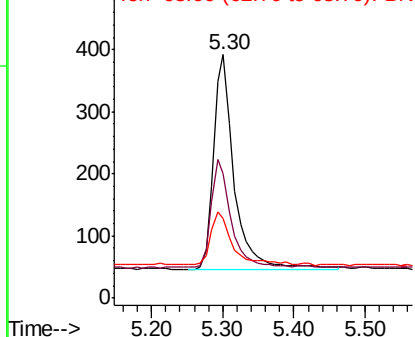
#4

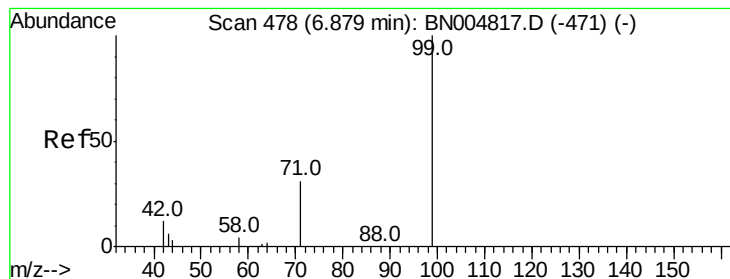
2-Fluorophenol
Concen: 0.169 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004838.D
Acq: 21 Mar 2019 02:27

Tgt Ion:112 Resp: 692
Ion Ratio Lower Upper
112 100
64 48.4 40.0 60.0
63 24.7 20.2 30.2



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: 0.105 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PR-MW-03_030819

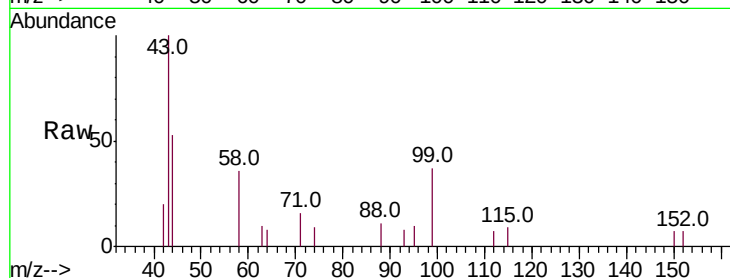
Tot Ion: 99 Resp: 533

Ion Ratio Lower Upper

99 100

42 18.0 12.7 19.1

71 35.1 26.6 40.0

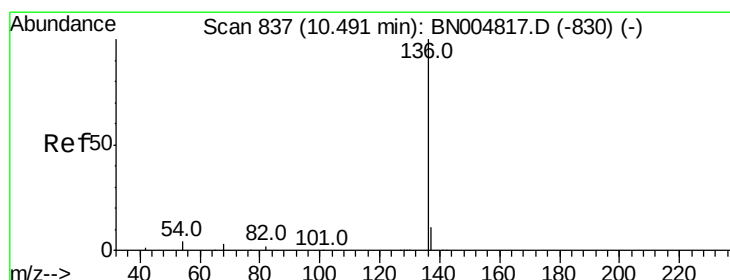
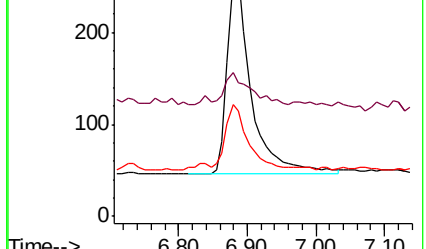
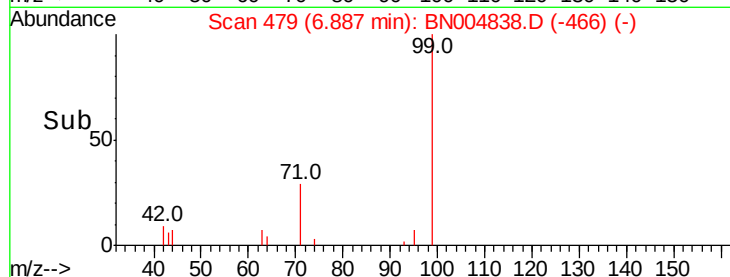


Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Tgt Ion: 136 Resp: 6562

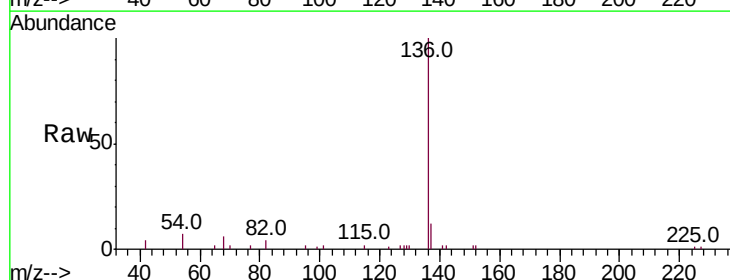
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 6.6 4.2 6.2#

68 5.8 3.9 5.9



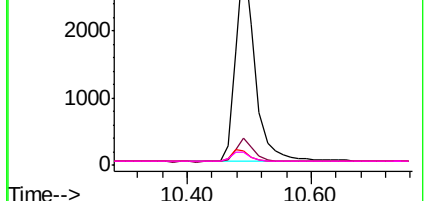
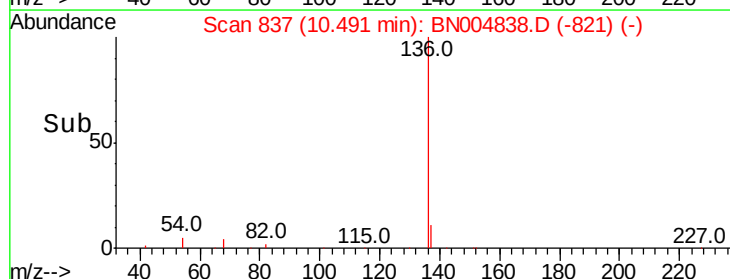
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

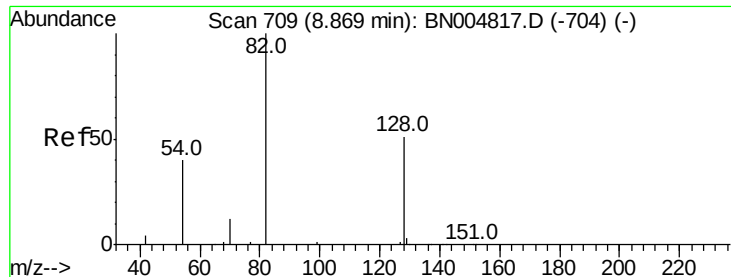
Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PR-MW-03_030819

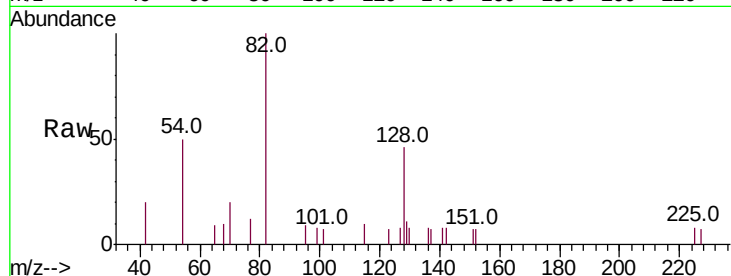
Tot Ion: 82 Resp: 1494

Ion Ratio Lower Upper

82 100

128 45.6 43.0 64.6

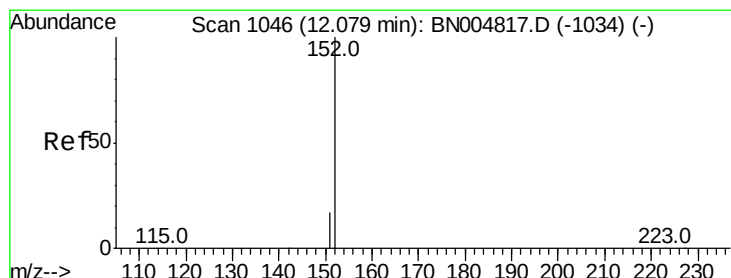
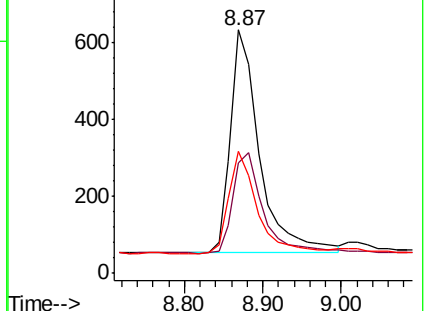
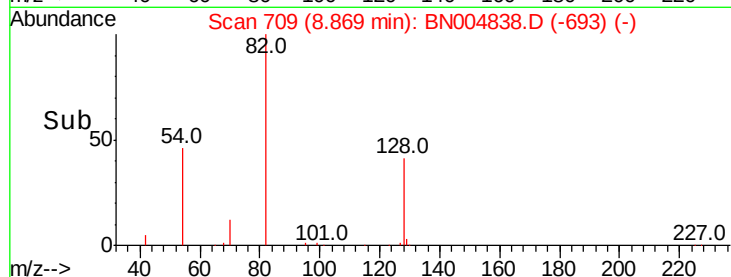
54 50.2 35.3 52.9



Abundance Ion 82.00 (81.70 to 82.70): BN004838.D (-693) (-)

Ion 128.00 (127.70 to 128.70): BN004838.D (-693) (-)

Ion 54.00 (53.70 to 54.70): BN004838.D (-693) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 12.09 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BN004838.D

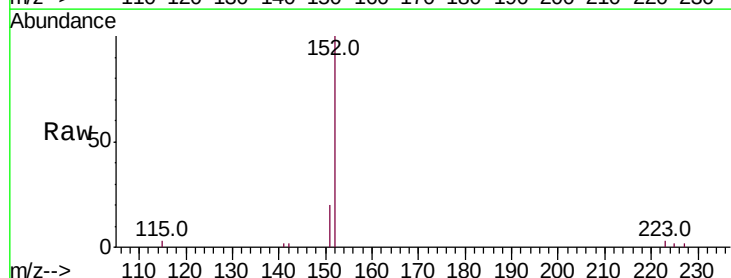
Acq: 21 Mar 2019 02:27

Tgt Ion: 152 Resp: 4154

Ion Ratio Lower Upper

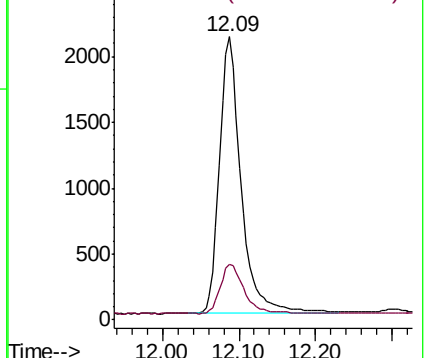
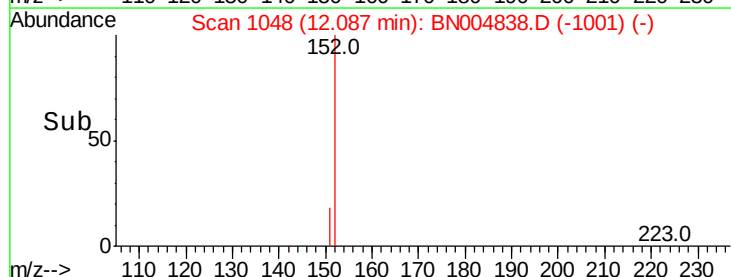
152 100

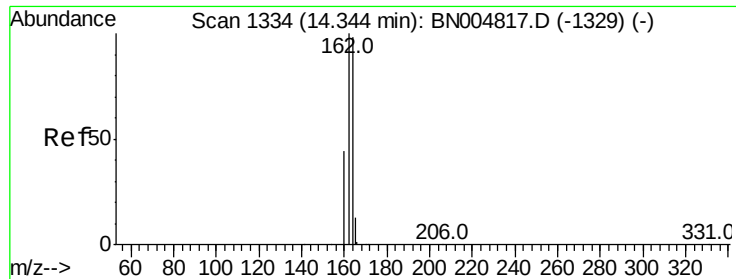
151 19.7 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004838.D (-1001) (-)

Ion 151.00 (150.70 to 151.70): BN004838.D (-1001) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PR-MW-03_030819

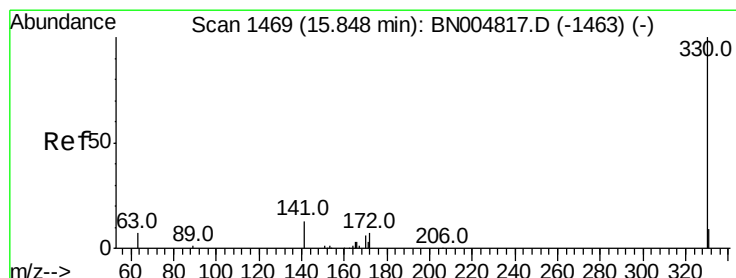
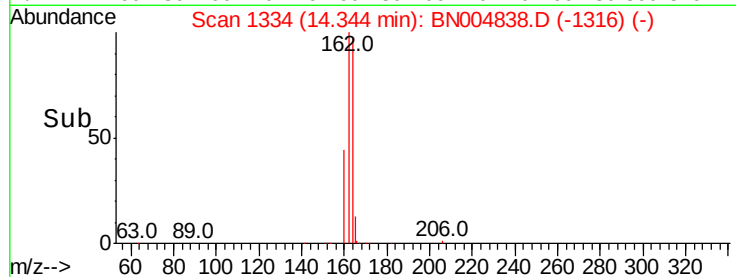
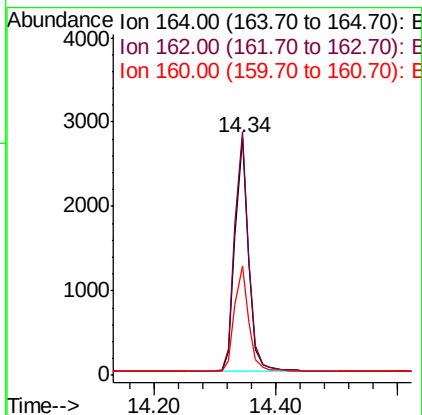
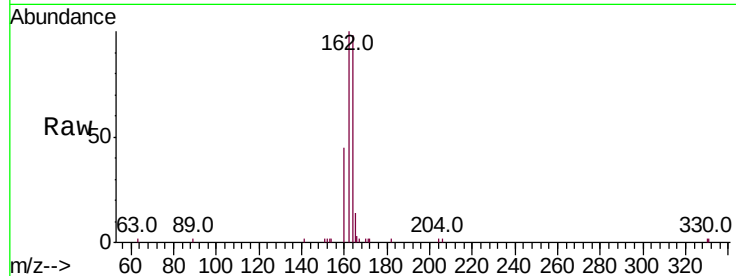
Tot Ion:164 Resp: 4265

Ion Ratio Lower Upper

164 100

162 102.5 81.9 122.9

160 46.1 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.337 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

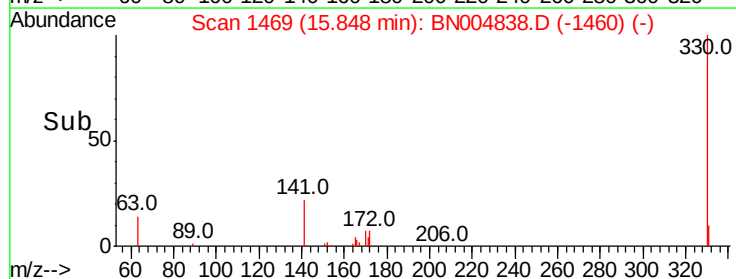
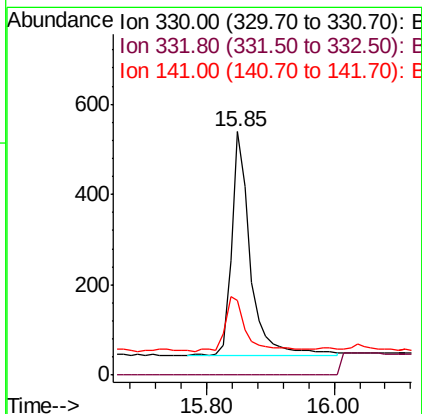
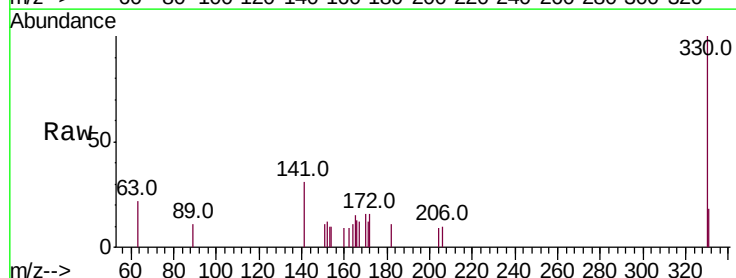
Tgt Ion:330 Resp: 994

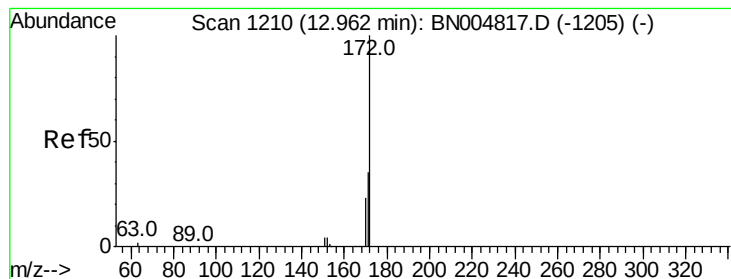
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 27.5 20.9 31.3





#15

2-Fluorobiphenyl

Concen: 0.411 ng

RT: 12.96 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Instrument :

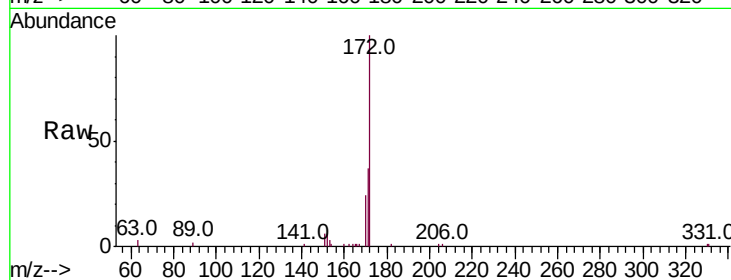
BNA_N

ClientSampleId :

PR-MW-03_030819

Tot Ion:172 Resp: 7253

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.7	43.1
170	24.0	18.7	28.1

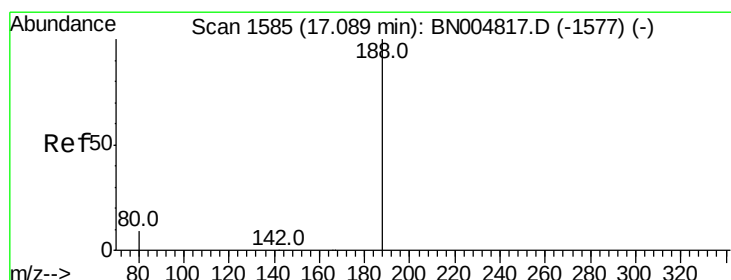
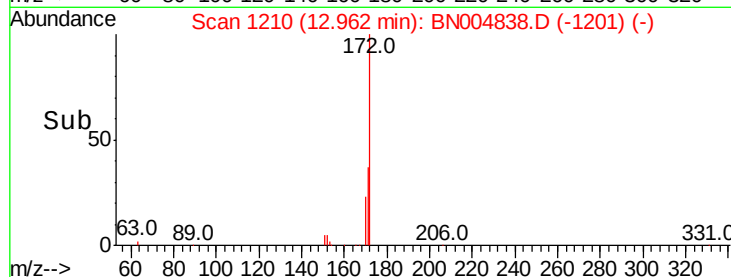
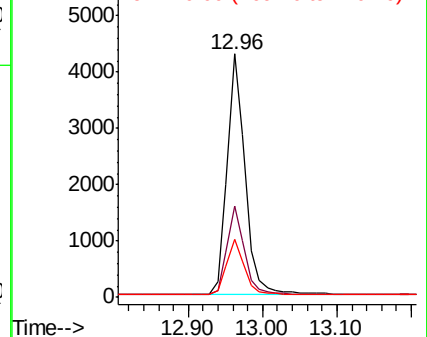


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1586

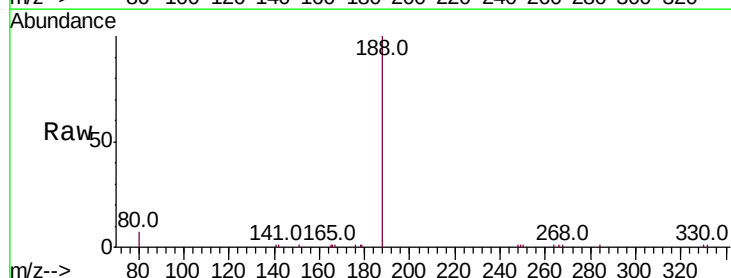
Delta R.T. 0.01 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Tgt Ion:188 Resp: 11397

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.4	11.2

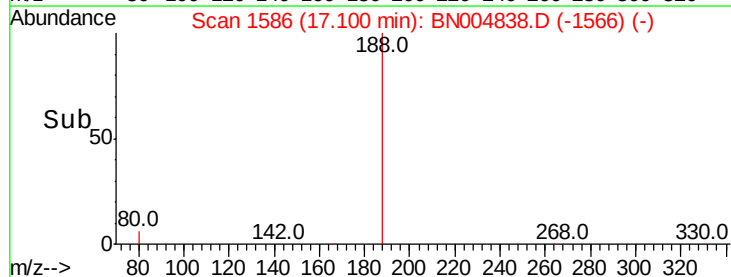
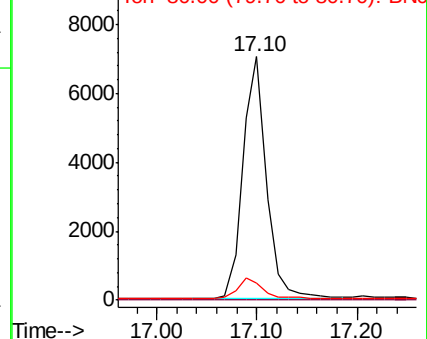


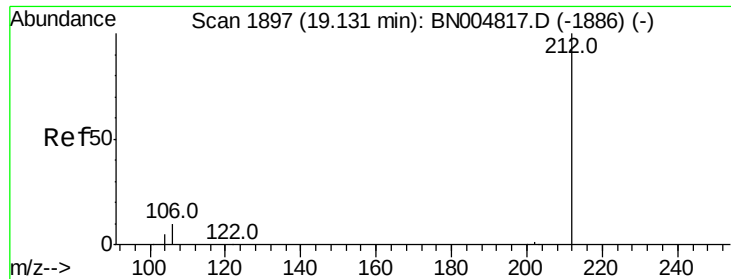
Abundance

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





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PR-MW-03_030819

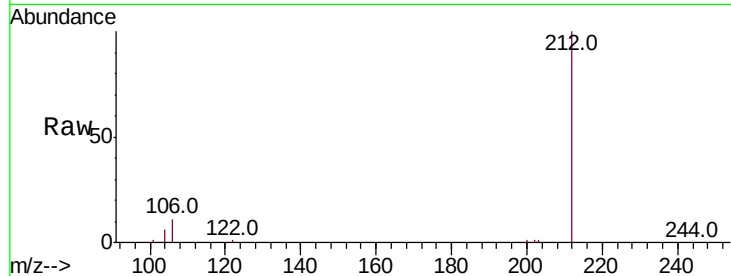
Tot Ion:212 Resp: 15142

Ion Ratio Lower Upper

212 100

106 10.6 8.6 13.0

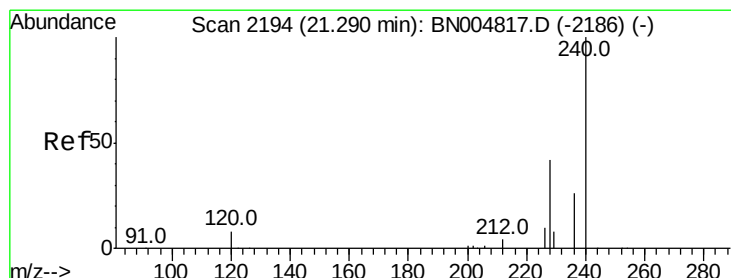
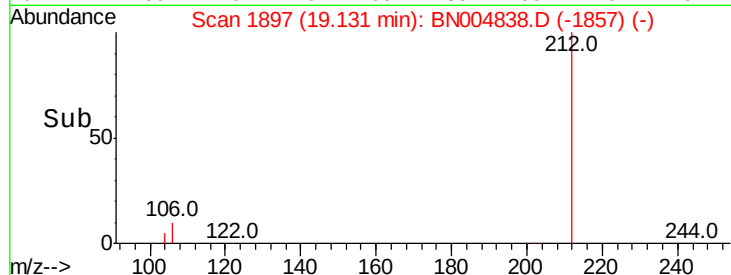
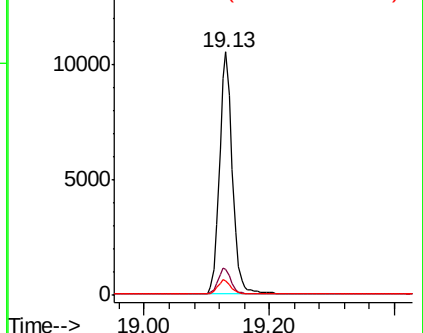
104 5.9 4.7 7.1



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: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

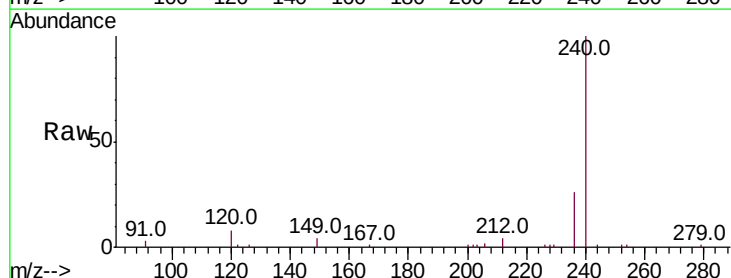
Tgt Ion:240 Resp: 15540

Ion Ratio Lower Upper

240 100

120 8.4 7.2 10.8

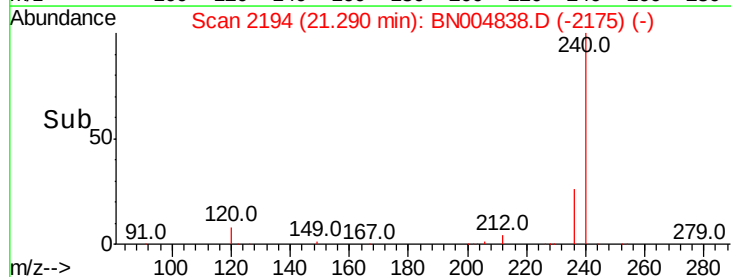
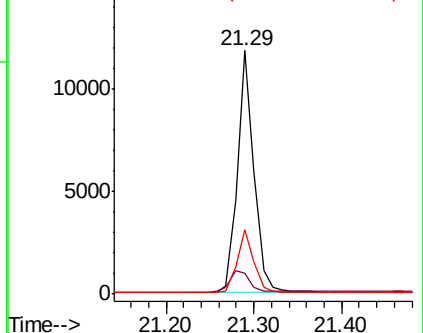
236 26.2 20.9 31.3

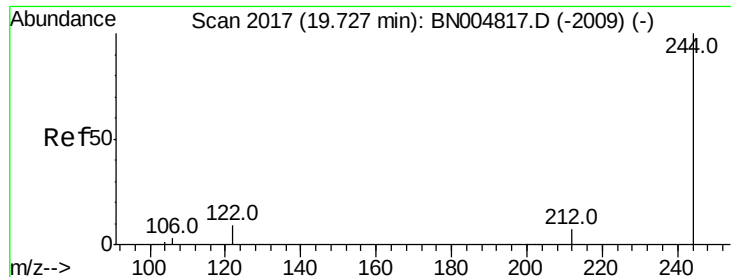


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

Instrument :

BNA_N

ClientSampleId :

PR-MW-03_030819

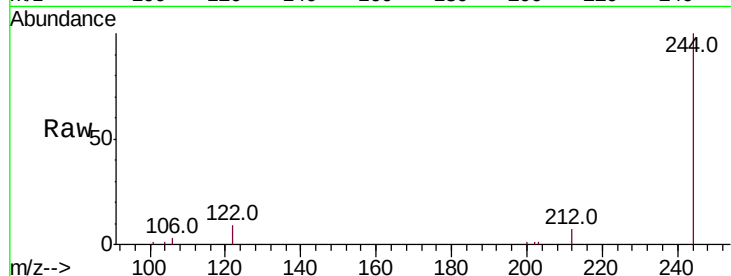
Tot Ion:244 Resp: 14775

Ion Ratio Lower Upper

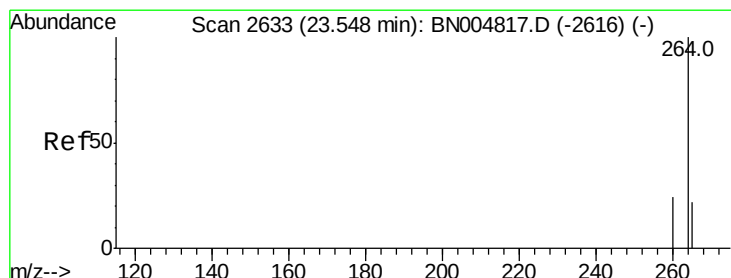
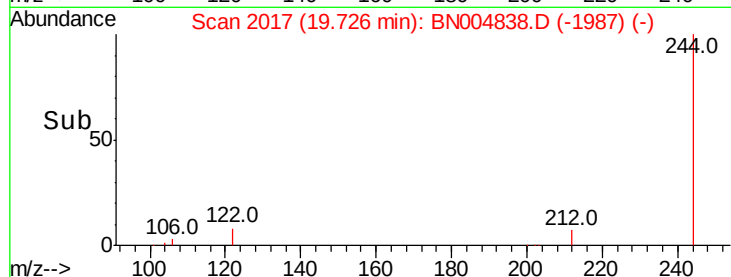
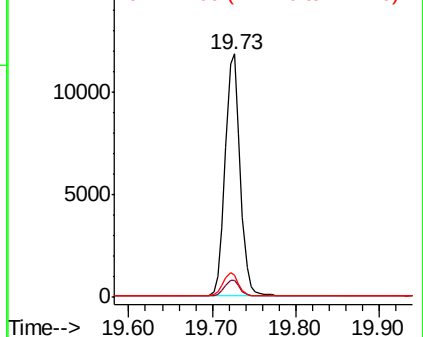
244 100

212 7.1 5.8 8.6

122 8.8 7.9 11.9



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: 23.54 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN004838.D

Acq: 21 Mar 2019 02:27

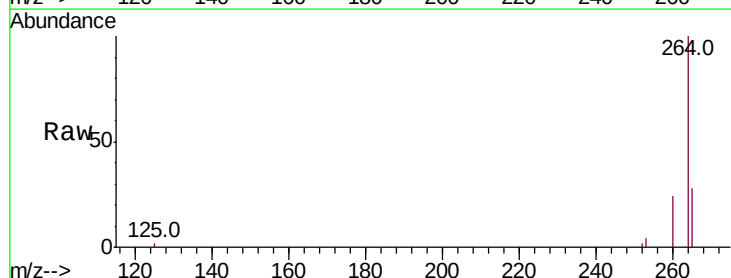
Tgt Ion:264 Resp: 17469

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 27.9 23.1 34.7



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

