

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
 Data File : BN007146.D
 Acq On : 13 Aug 2019 23:44
 Operator : HP/JU
 Sample : PB122169BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122169BL

Quant Time: Aug 14 12:23:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8152	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	31785	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17852	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	40548	0.40	ng	0.00
26) Chrysene-d12	21.05	240	38735	0.40	ng	-0.01
32) Perylene-d12	23.15	264	43776	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7956	0.41	ng	0.00
4) Phenol-d6	6.61	99	10800	0.45	ng	0.00
7) Nitrobenzene-d5	8.56	82	7224	0.28	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	18292	0.31	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2089	0.22	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4614	0.18	ng	0.00
24) Fluoranthene-d10	18.87	212	41847	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	32096	0.30	ng	-0.01

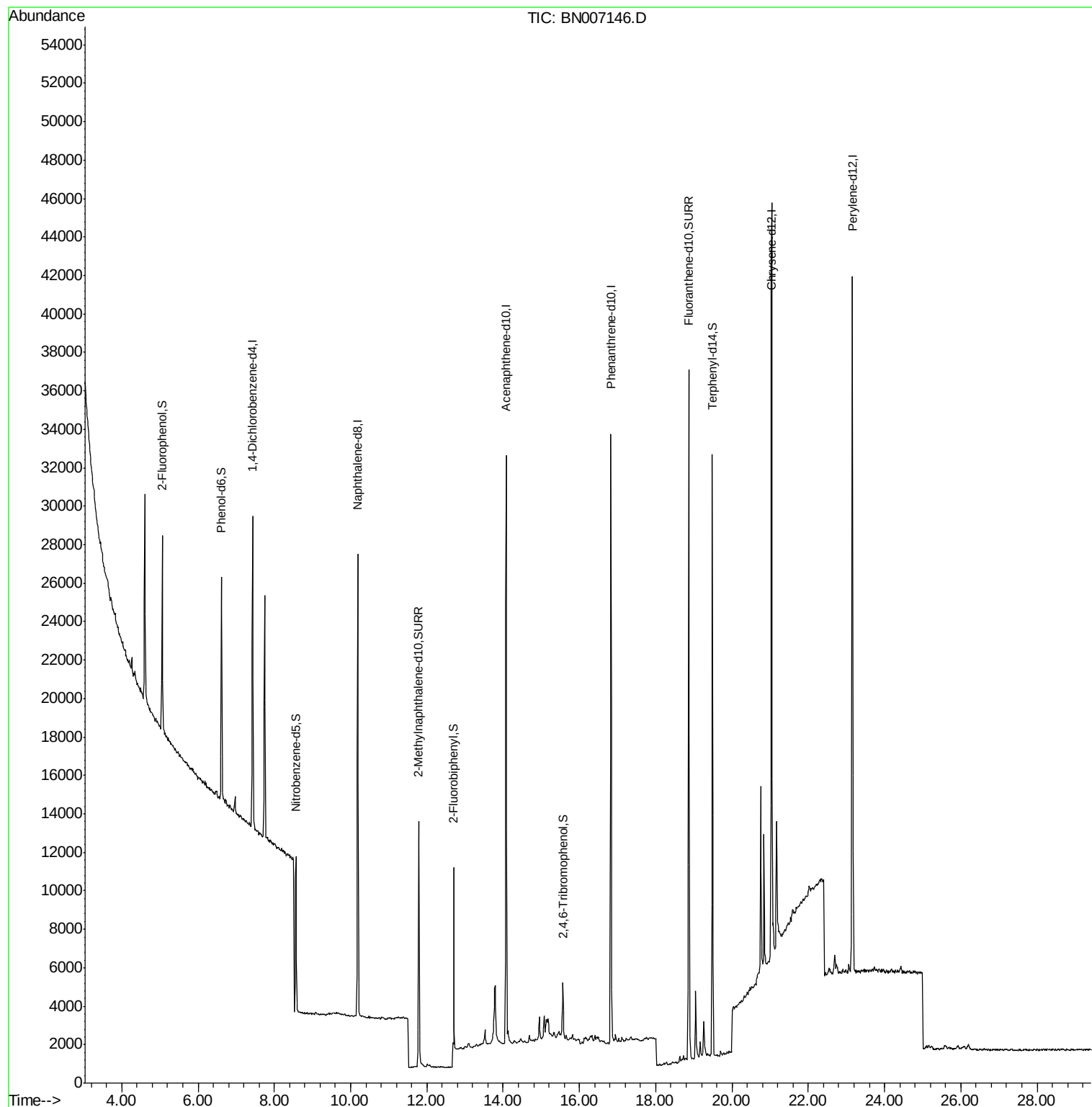
Target Compounds	Qvalue
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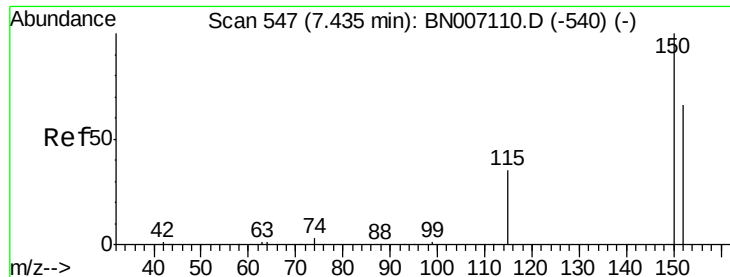
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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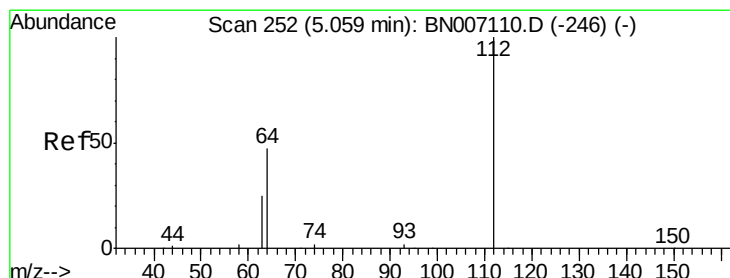
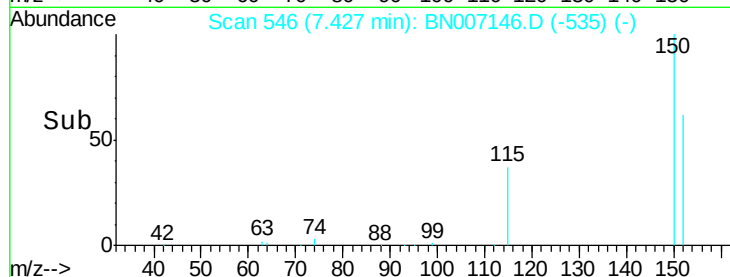
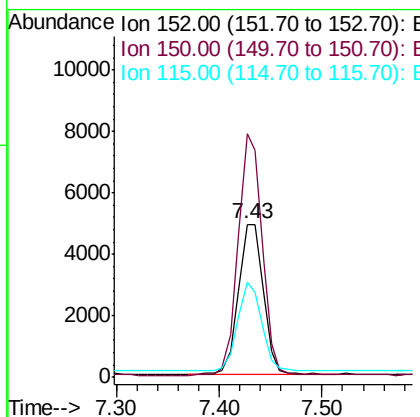
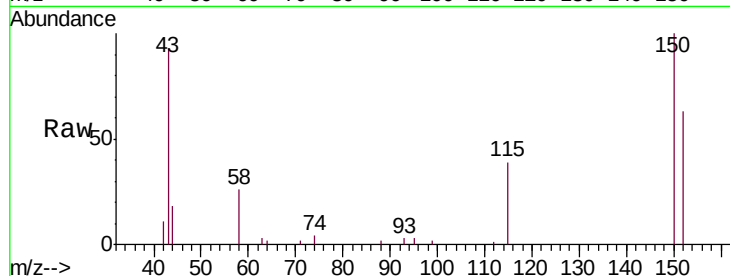




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.43 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BN007146.D
 Acq: 13 Aug 2019 23:44

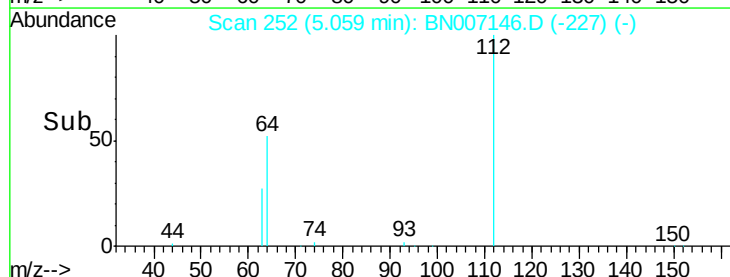
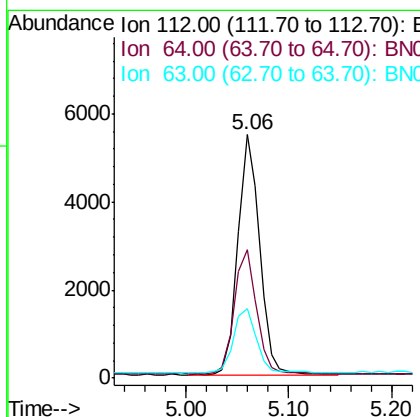
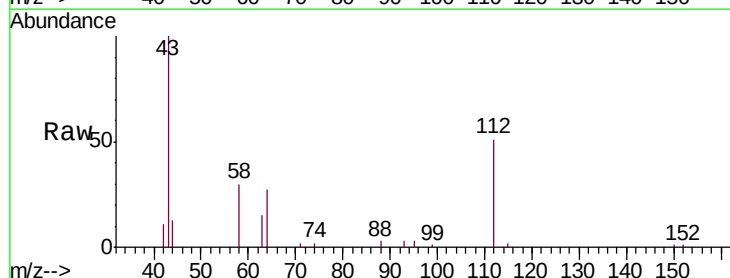
Instrument :
 BNA_N
 ClientSampleId :
 PB122169BL

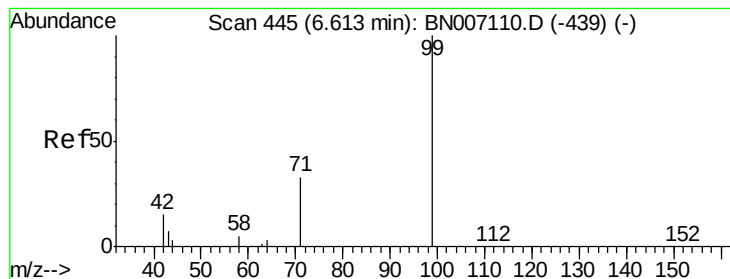
Tgt Ion:152 Resp: 8152
 Ion Ratio Lower Upper
 152 100
 150 159.1 121.7 182.5
 115 62.3 46.2 69.4



#3
 2-Fluorophenol
 Concen: 0.406 ng
 RT: 5.06 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: BN007146.D
 Acq: 13 Aug 2019 23:44

Tgt Ion:112 Resp: 7956
 Ion Ratio Lower Upper
 112 100
 64 53.4 42.6 63.8
 63 28.1 22.2 33.2





#4

Phenol-d6

Concen: 0.445 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

PB122169BL

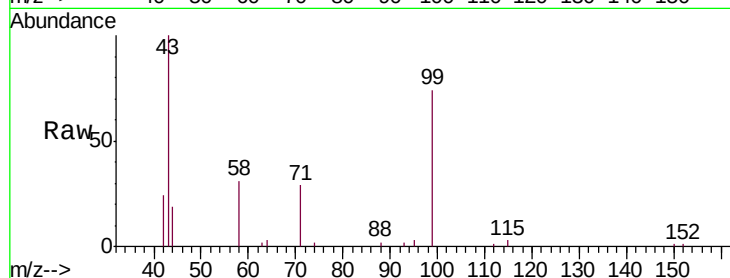
Tgt Ion: 99 Resp: 10800

Ion Ratio Lower Upper

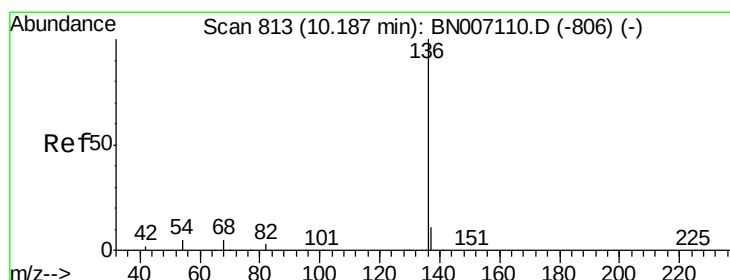
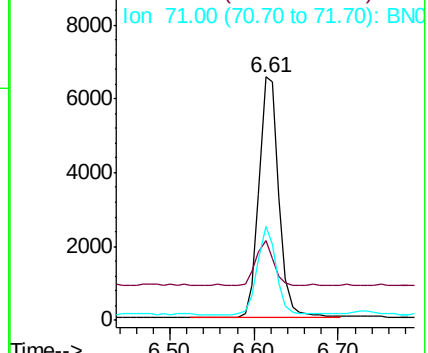
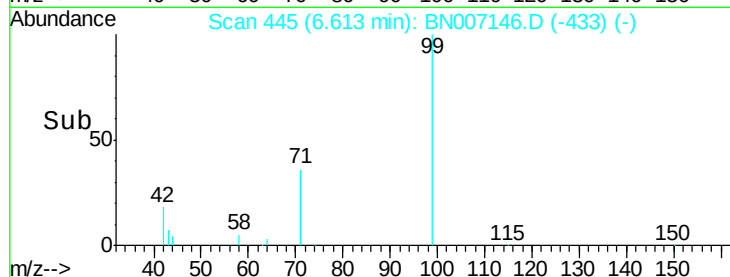
99 100

42 16.9 15.8 23.6

71 34.7 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007146.D (-433) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Tgt Ion: 136 Resp: 31785

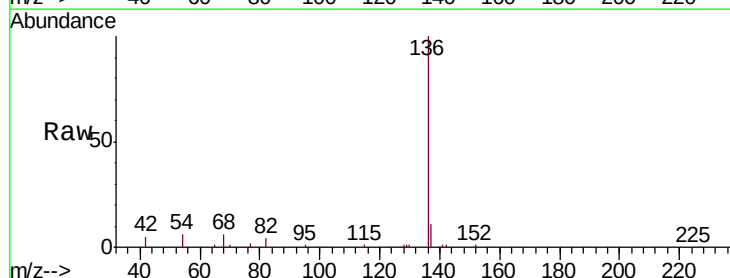
Ion Ratio Lower Upper

136 100

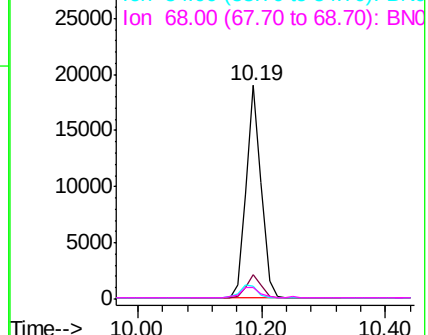
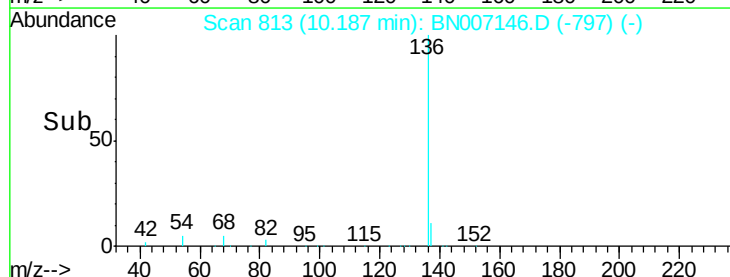
137 11.4 9.4 14.0

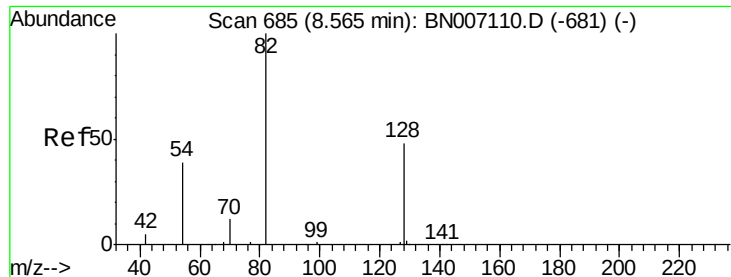
54 6.0 6.6 9.8#

68 5.7 6.0 9.0#



Abundance Ion 136.00 (135.70 to 136.70): BN007146.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

PB122169BL

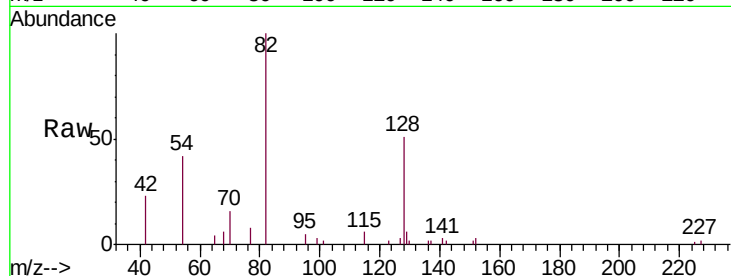
Tgt Ion: 82 Resp: 7224

Ion Ratio Lower Upper

82 100

128 50.8 34.6 51.8

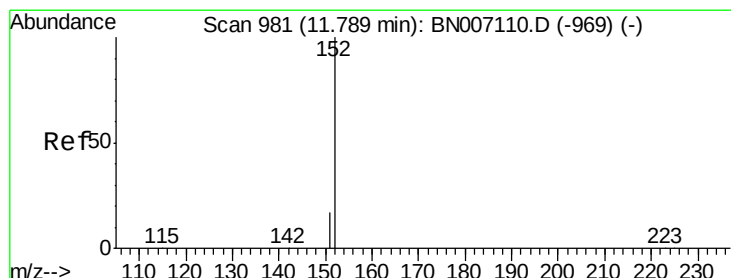
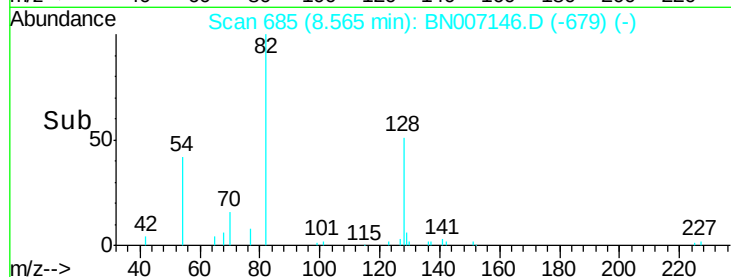
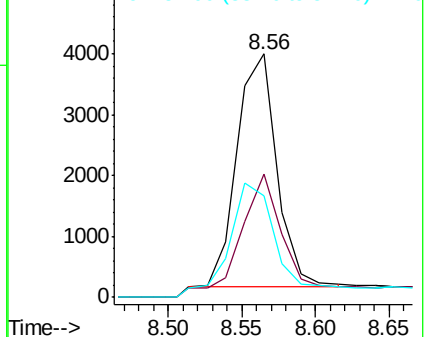
54 41.7 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#10

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007146.D

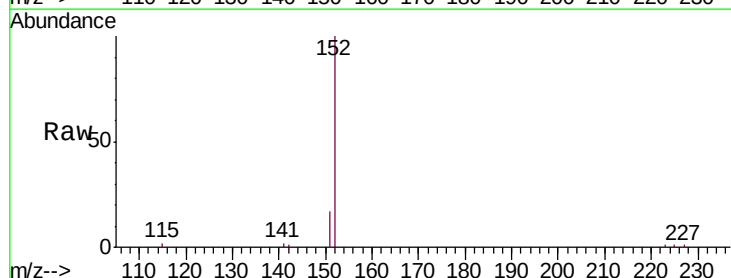
Acq: 13 Aug 2019 23:44

Tgt Ion: 152 Resp: 18292

Ion Ratio Lower Upper

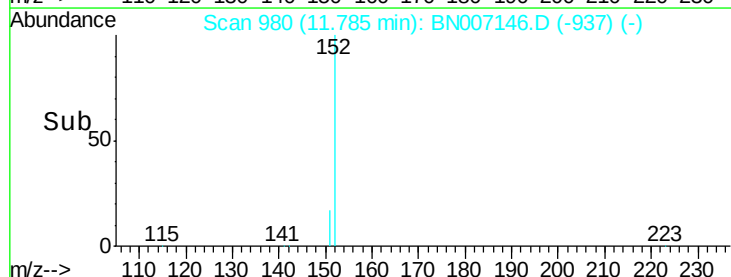
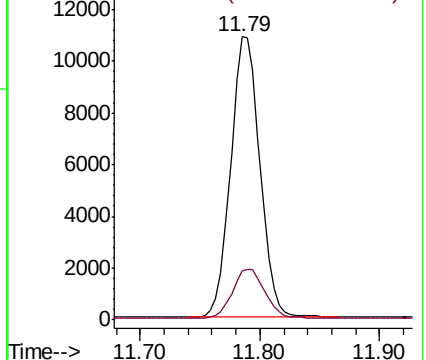
152 100

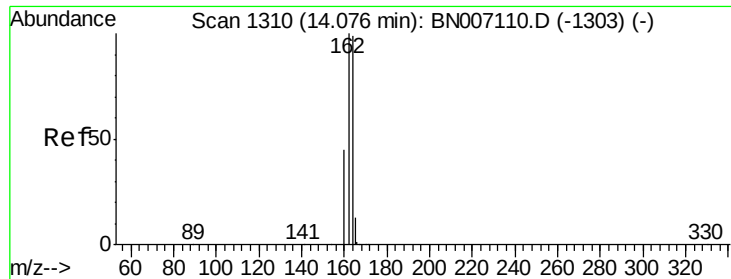
151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

PB122169BL

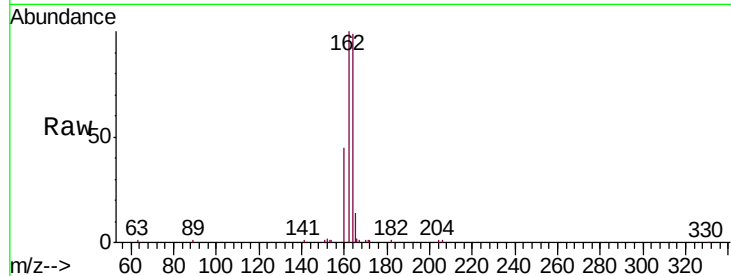
Tgt Ion:164 Resp: 17852

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.4

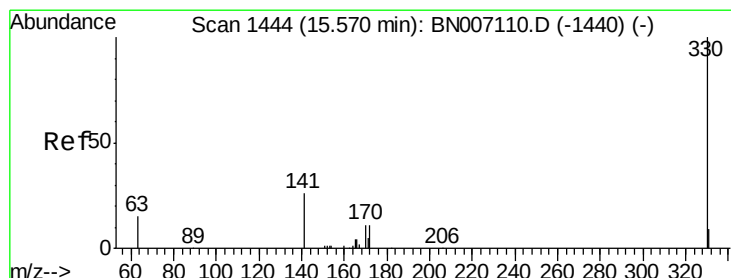
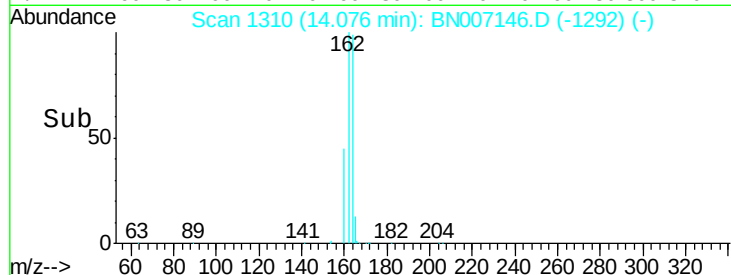
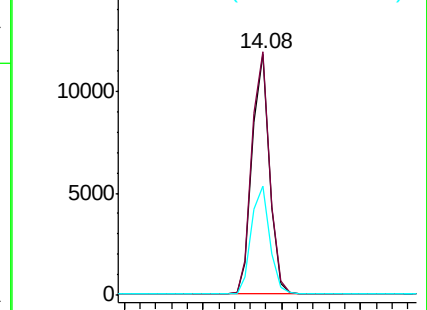
160 45.2 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 0.217 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

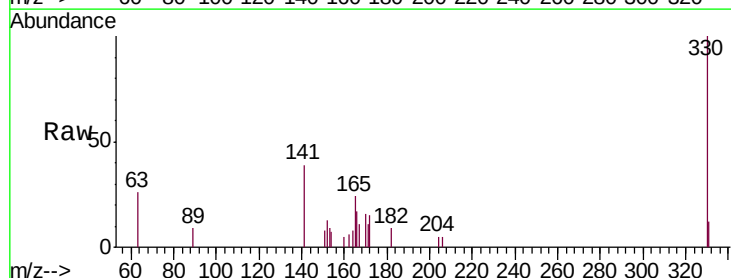
Tgt Ion:330 Resp: 2089

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

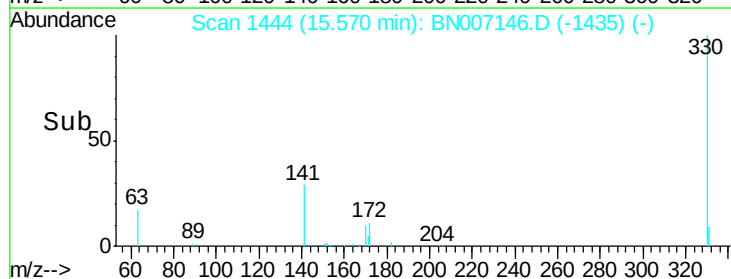
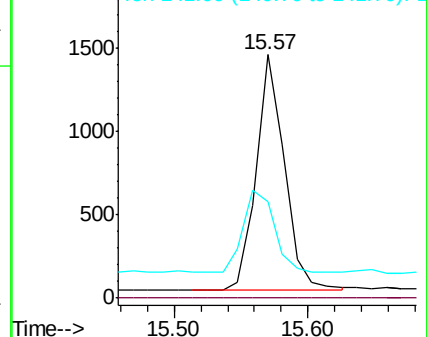
141 38.1 33.6 50.4

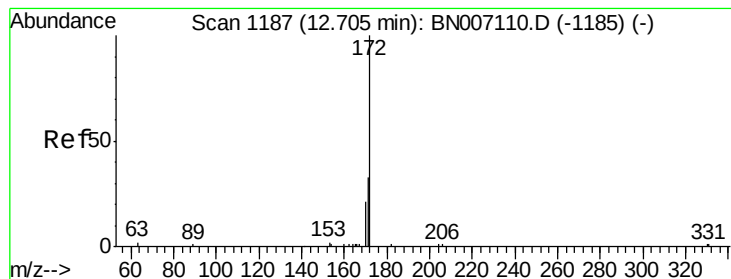


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 0.178 ng

RT: 12.71 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

PB122169BL

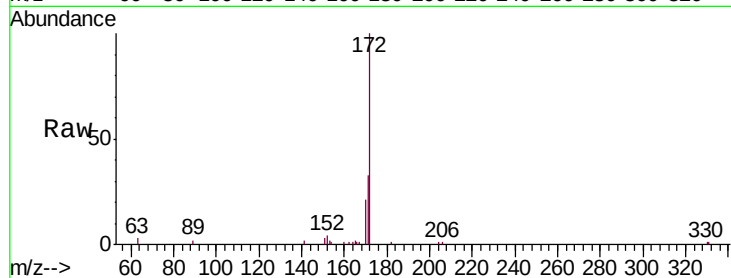
Tgt Ion:172 Resp: 4614

Ion Ratio Lower Upper

172 100

171 32.6 26.3 39.5

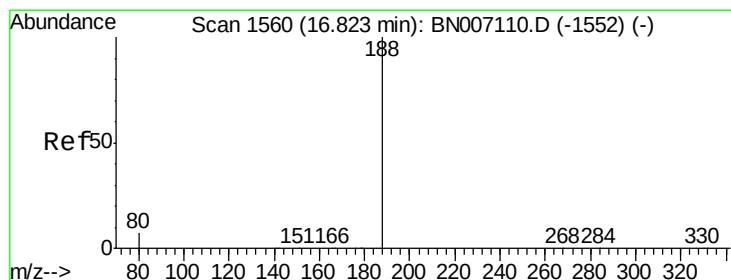
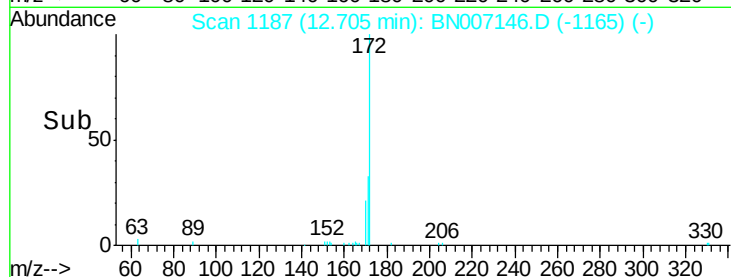
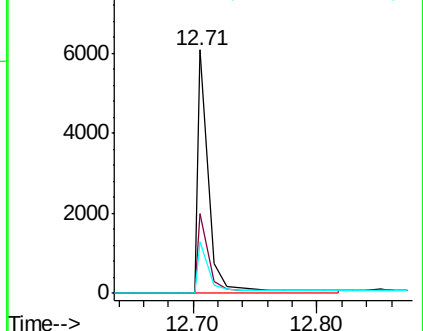
170 21.2 17.0 25.4



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

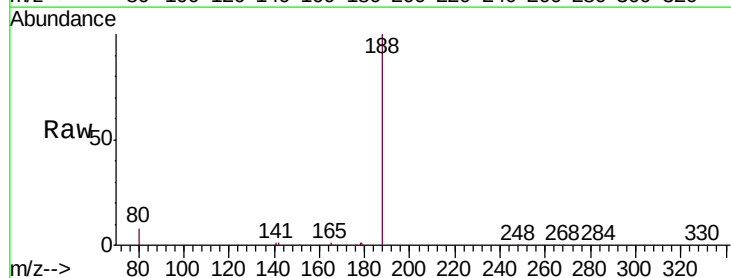
Tgt Ion:188 Resp: 40548

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

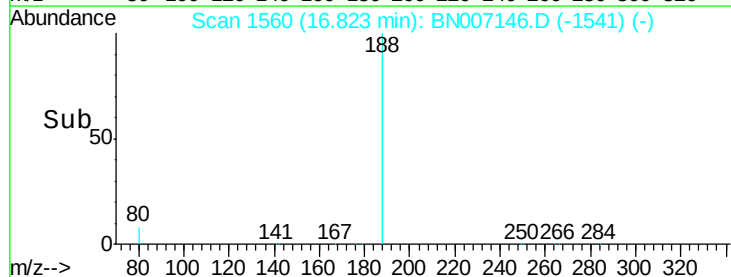
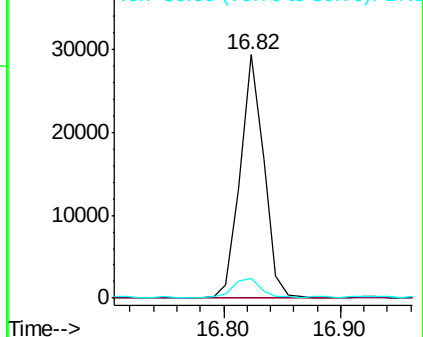
80 8.0 7.8 11.6

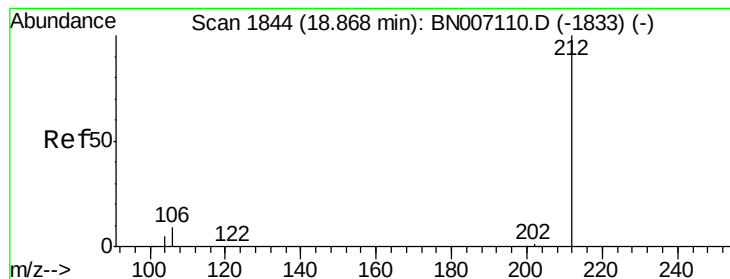


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#24

Fluoranthene-d10

Concen: 0.291 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

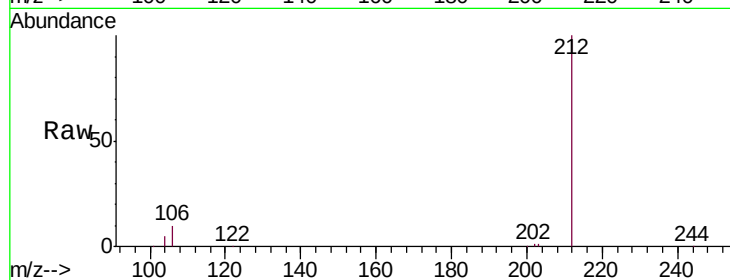
Instrument :

BNA_N

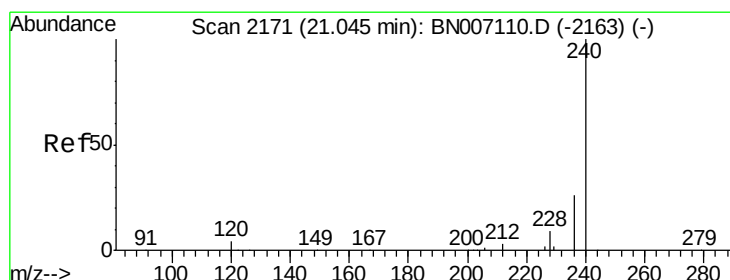
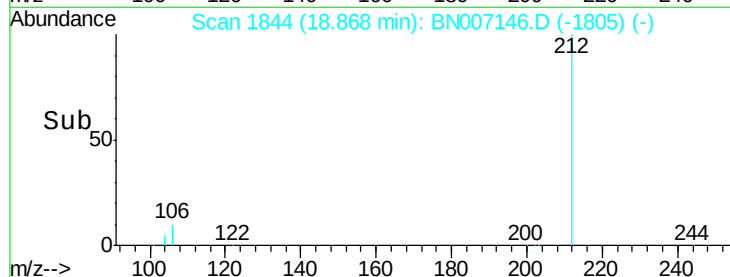
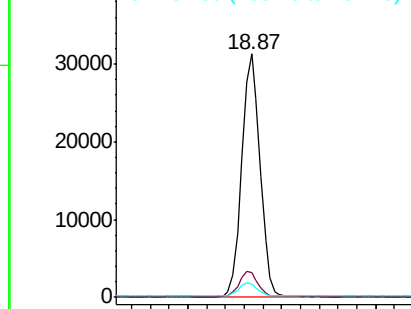
ClientSampleId :

PB122169BL

Tgt Ion:	212	Resp:	41847
Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.8	4.5	6.7



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



#26

Chrysene-d12

Concen: 0.400 ng

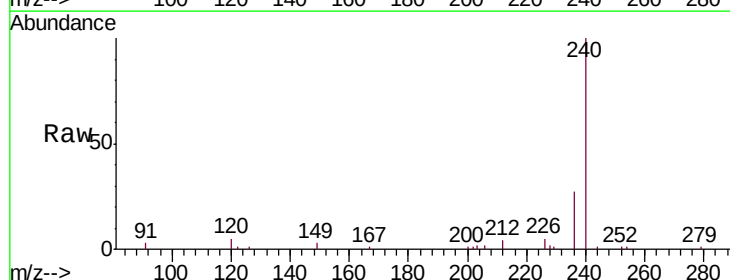
RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

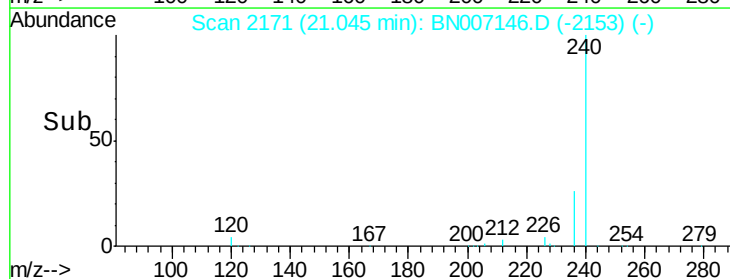
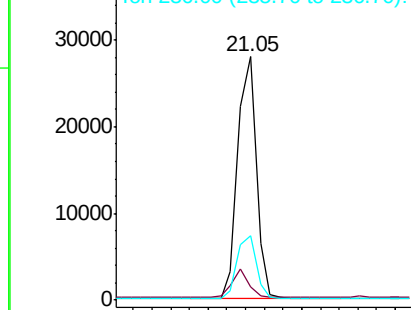
Lab File: BN007146.D

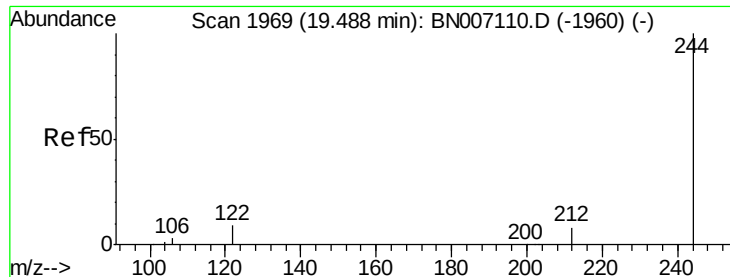
Acq: 13 Aug 2019 23:44

Tgt Ion:	240	Resp:	38735
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.0	6.0
236	26.6	21.3	31.9



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





#28

Terphenyl-d14

Concen: 0.304 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

Instrument :

BNA_N

ClientSampleId :

PB122169BL

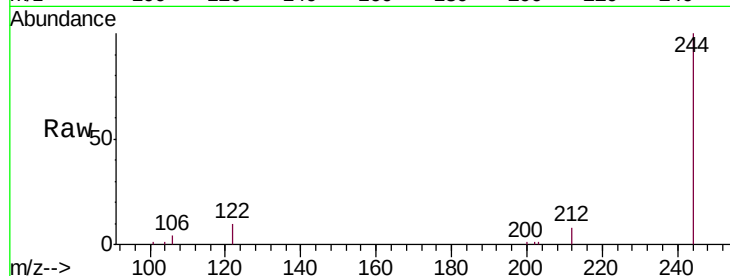
Tgt Ion:244 Resp: 32096

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

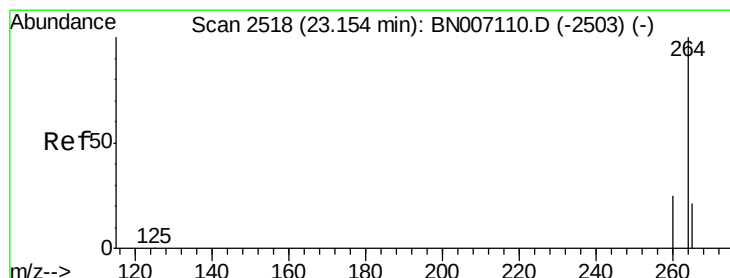
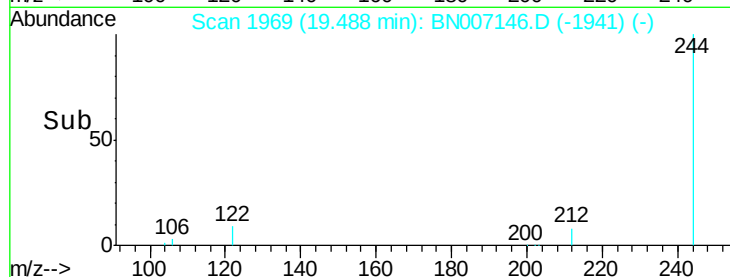
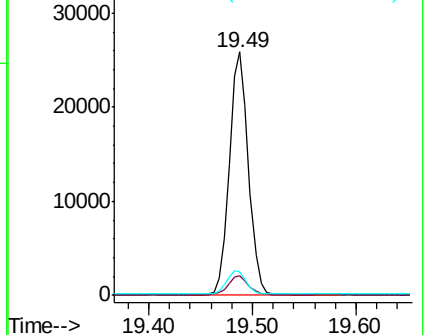
122 9.7 7.4 11.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BN007146.D

Acq: 13 Aug 2019 23:44

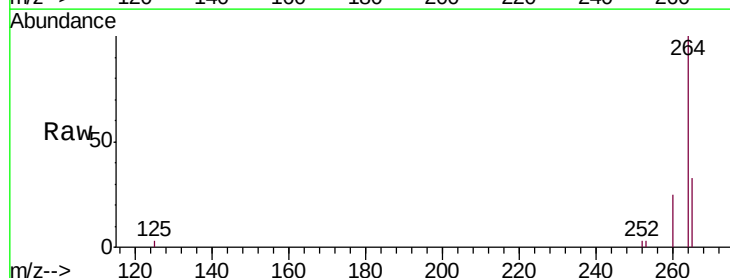
Tgt Ion:264 Resp: 43776

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 33.3 26.2 39.4



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

