

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
 Data File : BE100702.D
 Acq On : 7 Nov 2019 15:29
 Operator : JU
 Sample : PB124588BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:46:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3828	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15009	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8492	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18772	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	23679	0.40	ng	0.00
34) Perylene-d12	23.82	264	28161	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	3717	0.31	ng	0.00
5) Phenol-d6	7.01	99	5400	0.32	ng	0.00
8) Nitrobenzene-d5	8.99	82	3562	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8018	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	439	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	10921	0.35	ng	0.00
25) Fluoranthene-d10	19.21	212	83004	0.34	ng	0.00
29) Terphenyl-d14	19.81	244	16697	0.32	ng	0.00

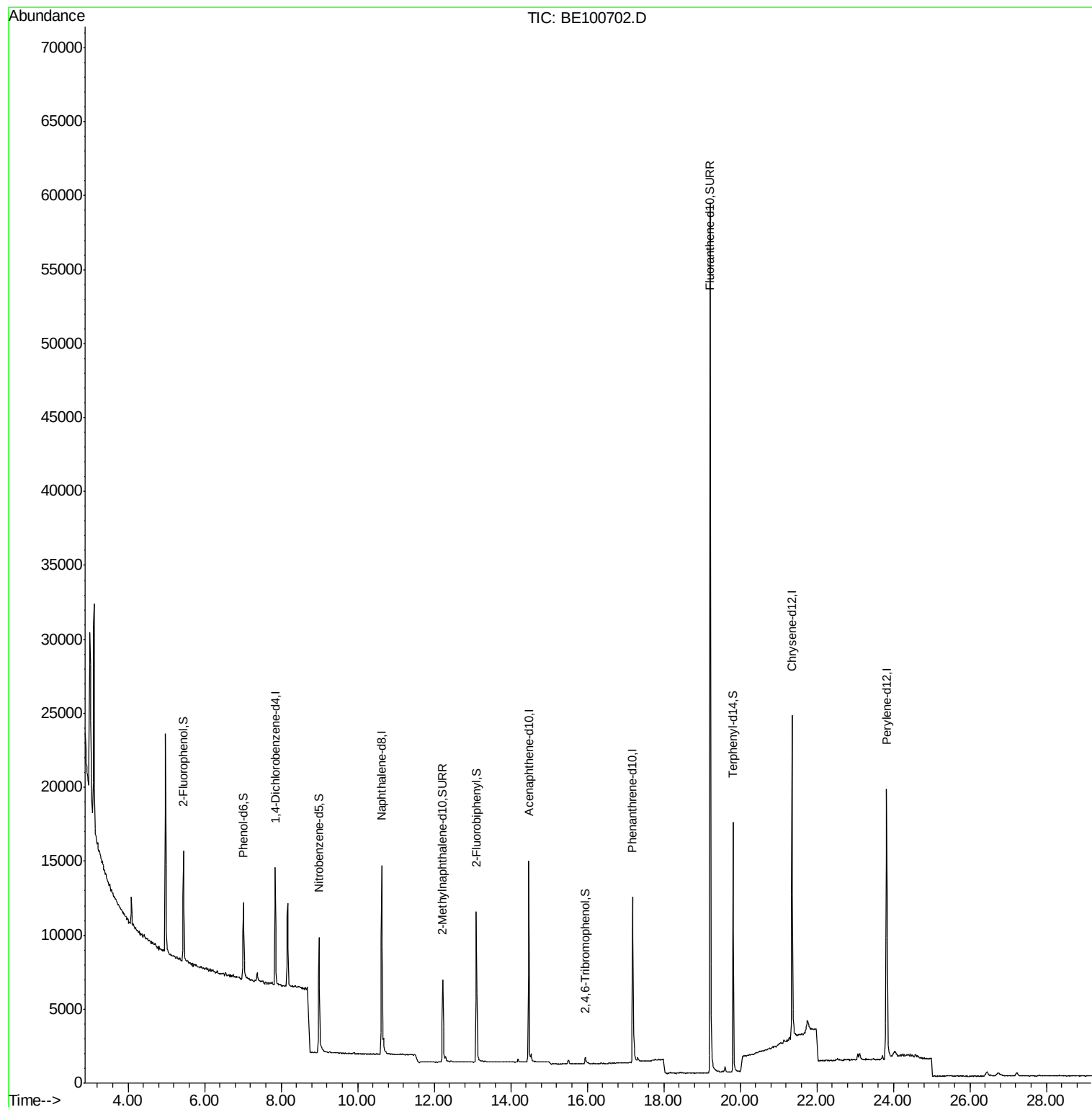
Target Compounds	Qvalue
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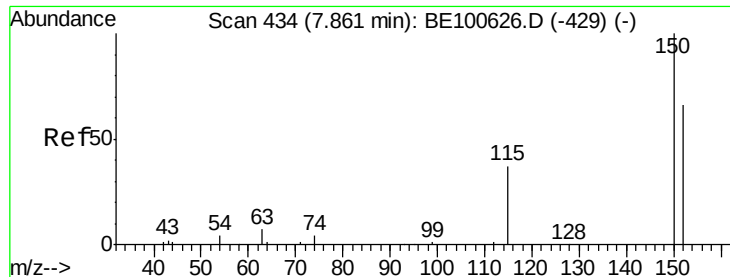
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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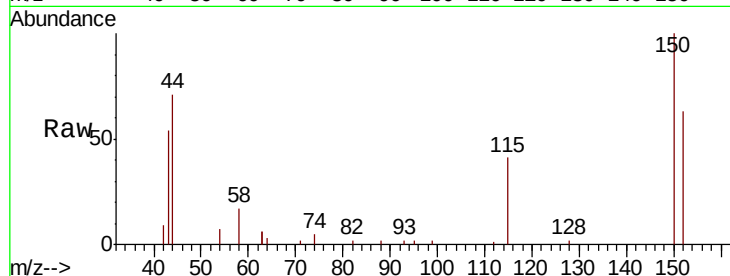


#1

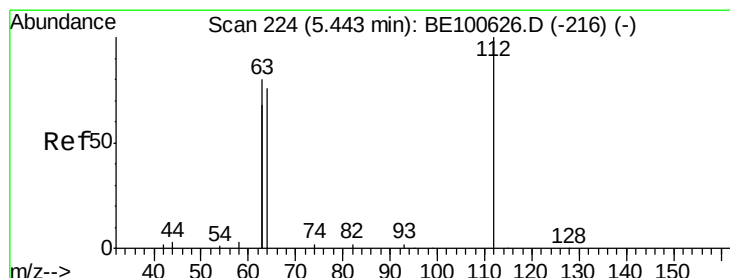
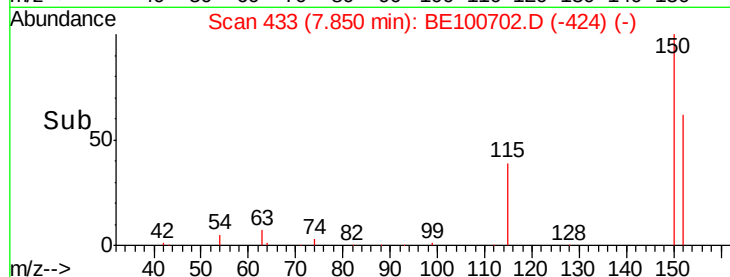
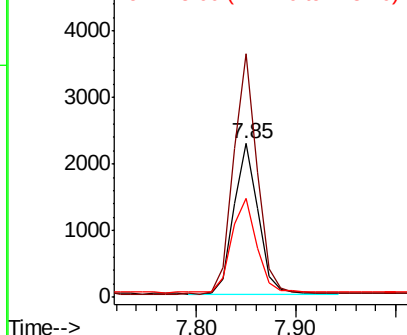
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100702.D
Acq: 7 Nov 2019 15:29

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3828
Ion Ratio Lower Upper
152 100
150 158.6 123.3 184.9
115 64.8 51.9 77.9



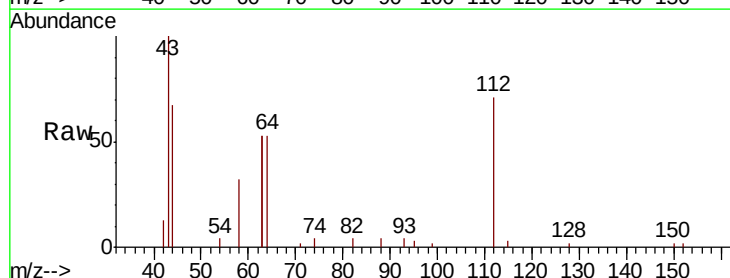
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



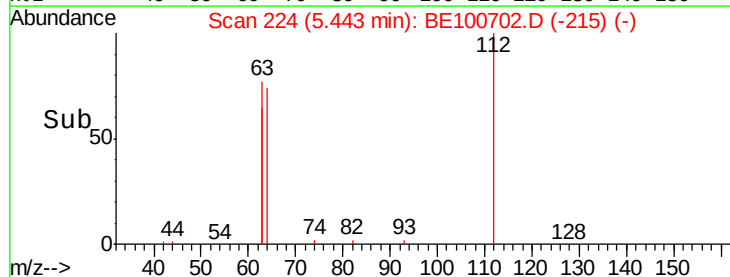
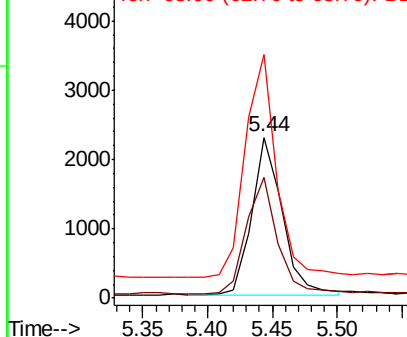
#4

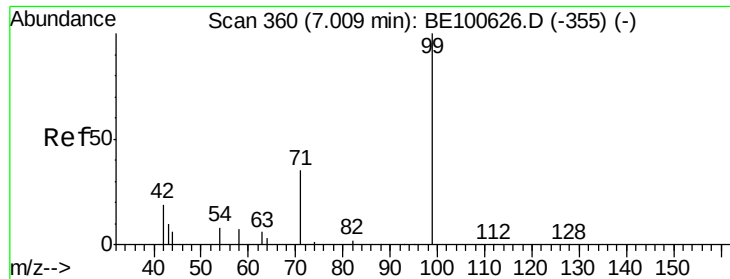
2-Fluorophenol
Concen: 0.314 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100702.D
Acq: 7 Nov 2019 15:29

Tgt Ion:112 Resp: 3717
Ion Ratio Lower Upper
112 100
64 74.5 55.4 83.2
63 145.4 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.324 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

Instrument :

BNA_E

ClientSampleId :

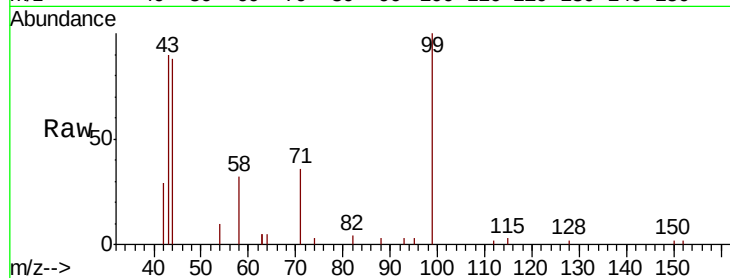
Tot Ion: 99 Resp: 5400

Ion Ratio Lower Upper

99 100

42 21.6 17.7 26.5

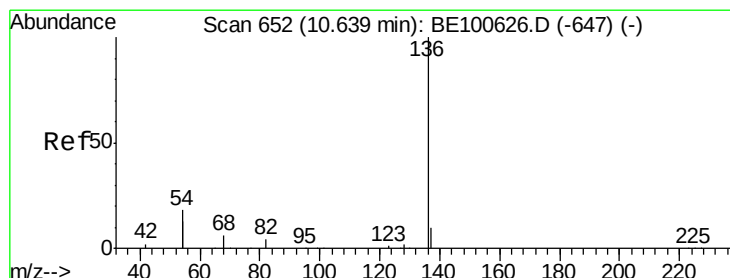
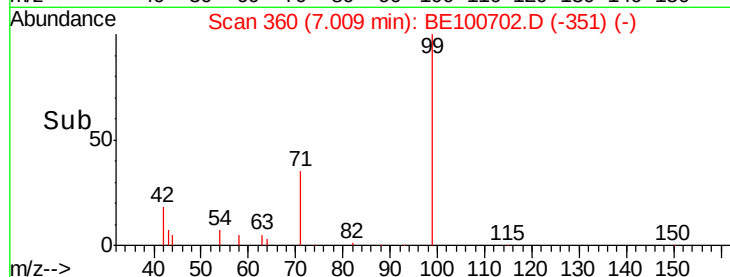
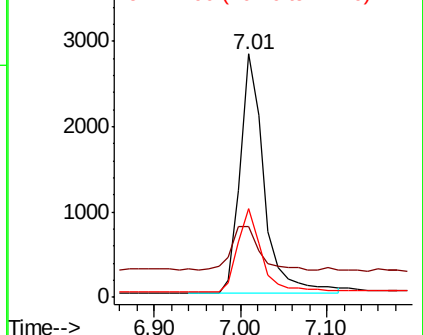
71 35.0 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

Tgt Ion: 136 Resp: 15009

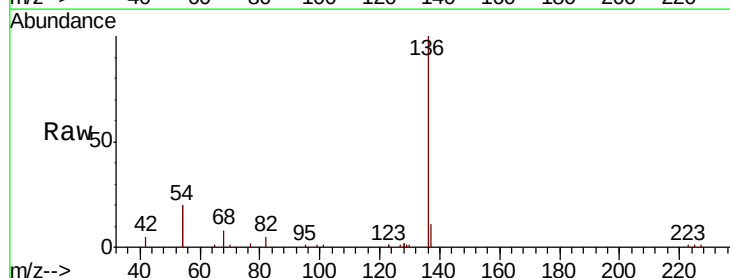
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 40.5 39.4 59.2

68 8.1 8.0 12.0

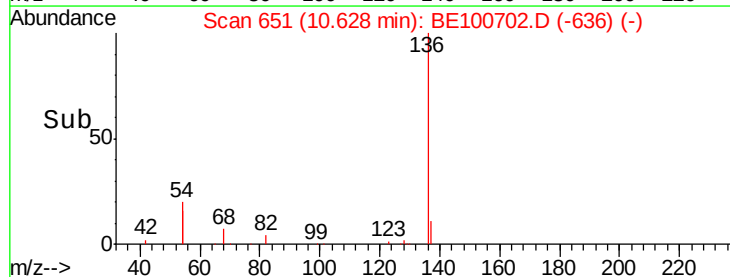
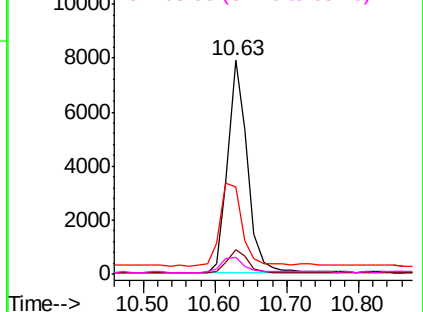


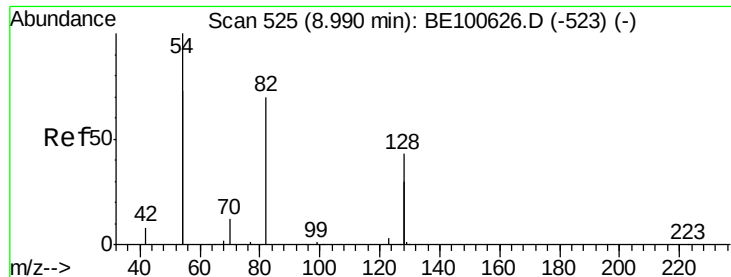
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

Instrument :

BNA_E

ClientSampleId :

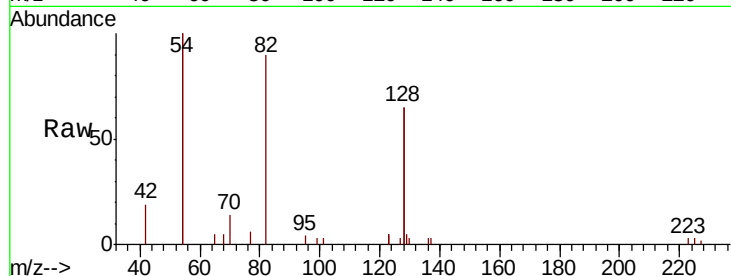
Tot Ion: 82 Resp: 3562

Ion Ratio Lower Upper

82 100

128 143.5 107.8 161.8

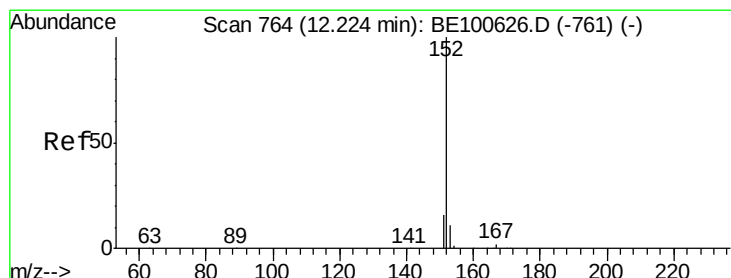
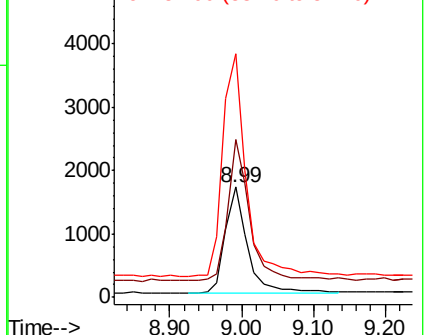
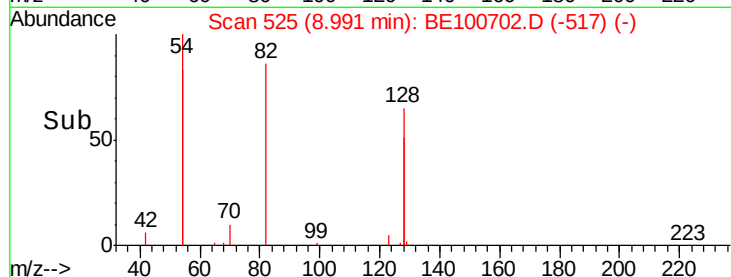
54 221.6 166.1 249.1



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100702.D

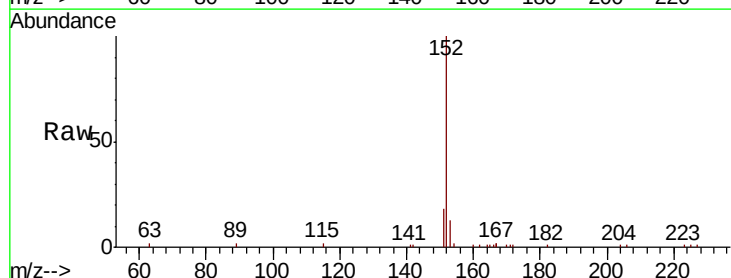
Acq: 7 Nov 2019 15:29

Tgt Ion: 152 Resp: 8018

Ion Ratio Lower Upper

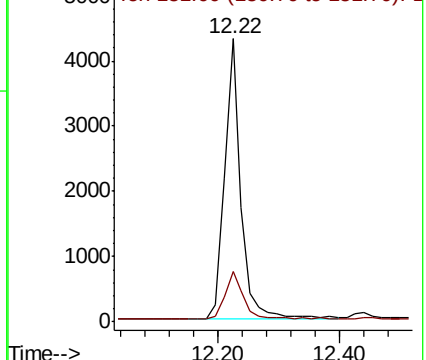
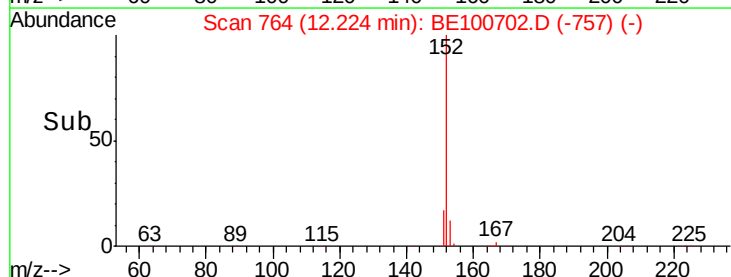
152 100

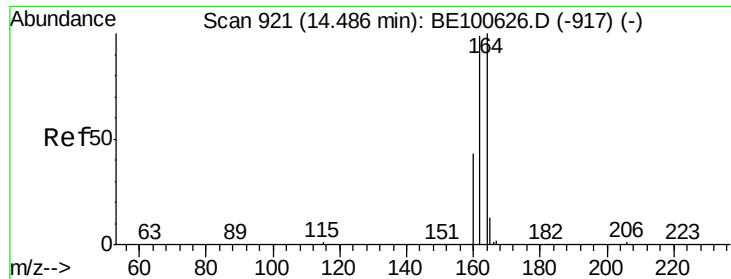
151 18.6 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

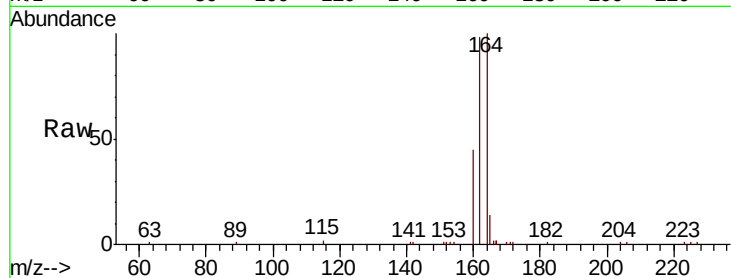




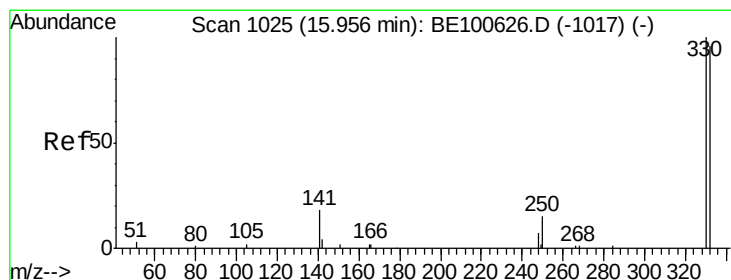
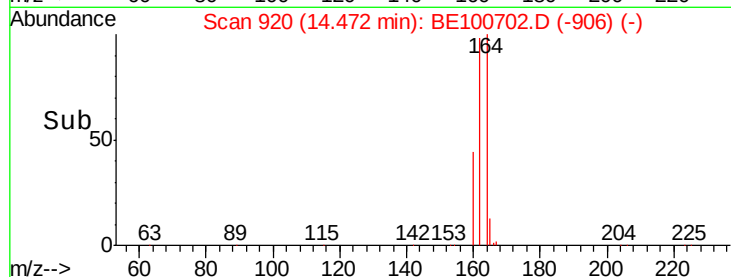
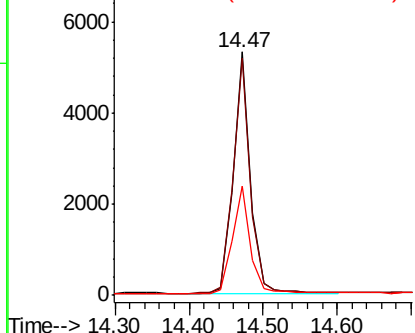
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100702.D
 Acq: 7 Nov 2019 15:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8492
 Ion Ratio Lower Upper
 164 100
 162 97.6 82.0 123.0
 160 44.9 37.5 56.3

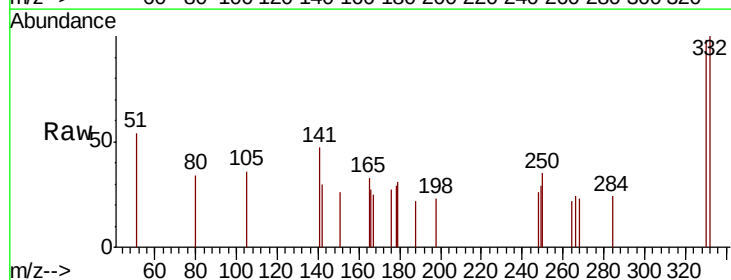


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

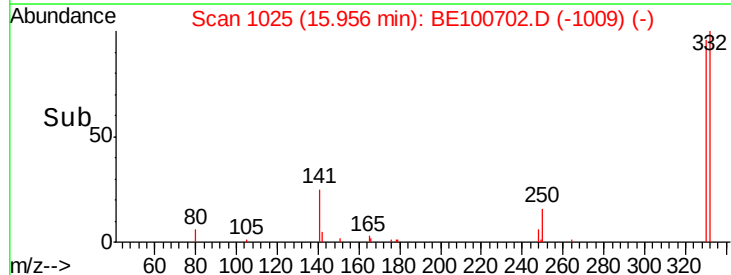
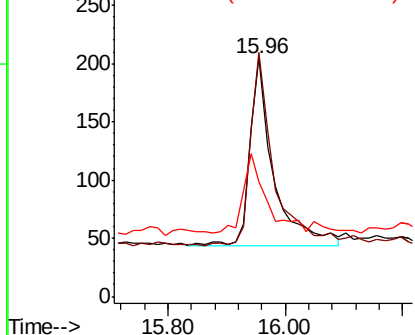


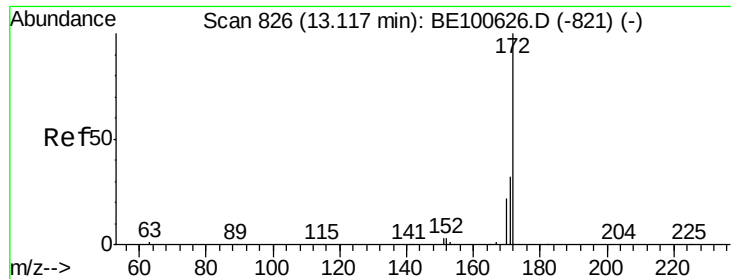
#14
 2,4,6-Tribromophenol
 Concen: 0.196 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BE100702.D
 Acq: 7 Nov 2019 15:29

Tgt Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.9 116.9
 141 44.4 33.0 49.6



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

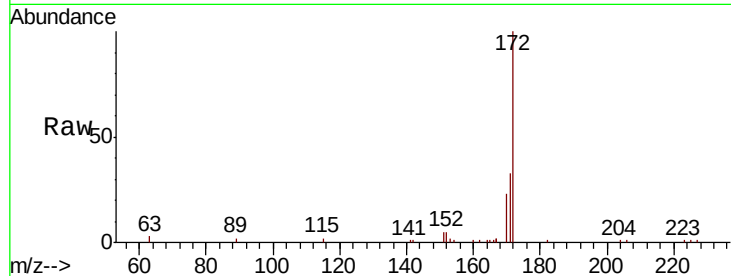




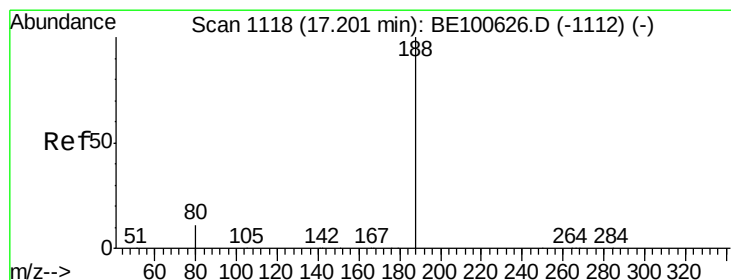
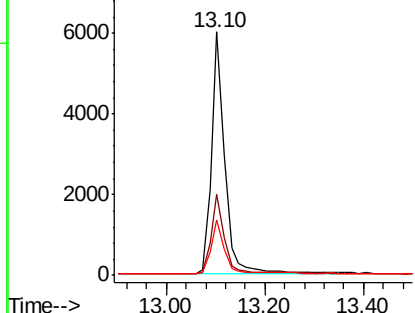
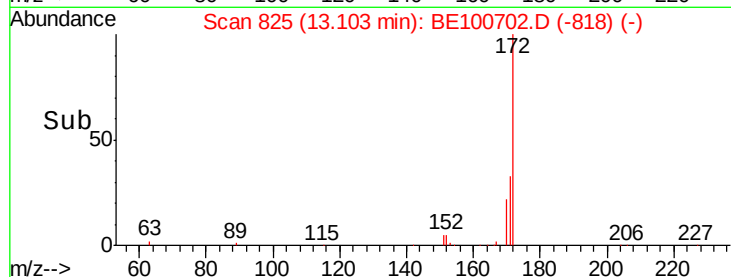
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100702.D
Acq: 7 Nov 2019 15:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 10921
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 23.0 19.0 28.4

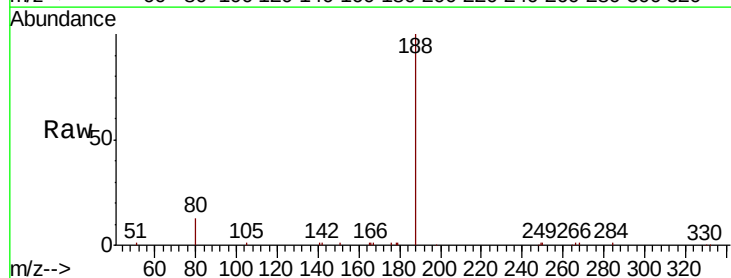


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

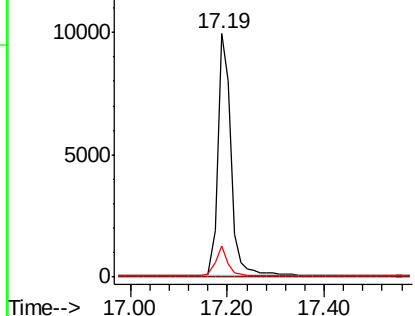
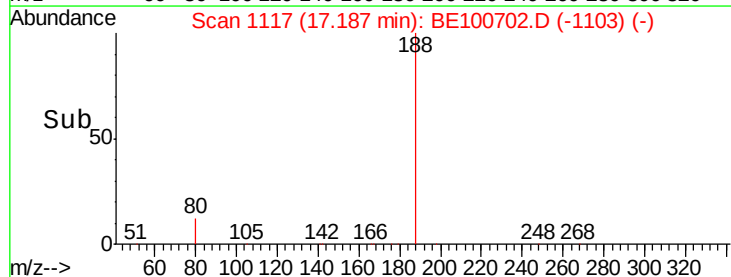


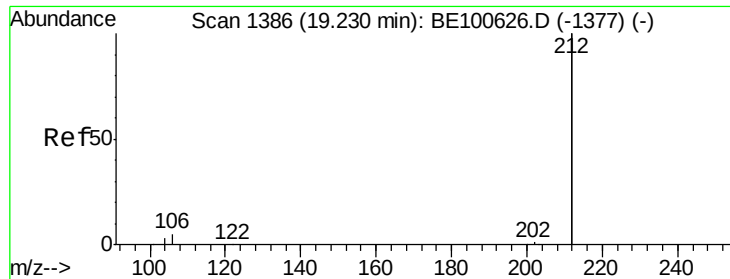
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100702.D
Acq: 7 Nov 2019 15:29

Tgt Ion:188 Resp: 18772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 5.4 8.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

Instrument :

BNA_E

ClientSampleId :

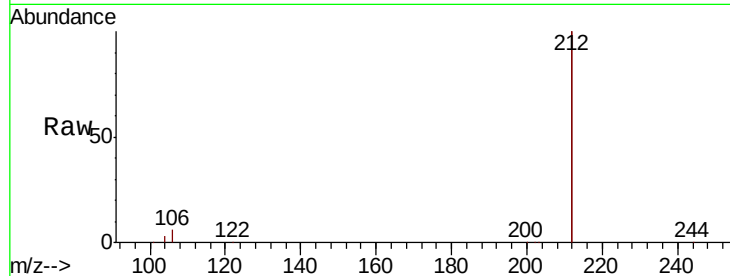
Tot Ion:212 Resp: 83004

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

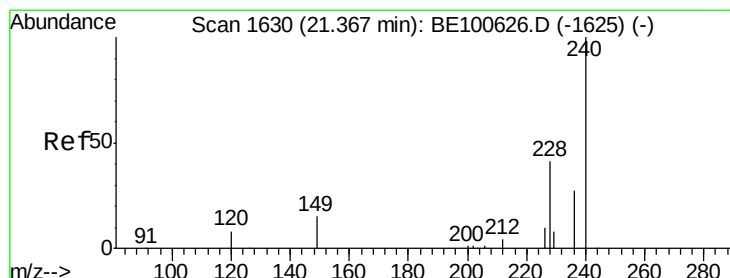
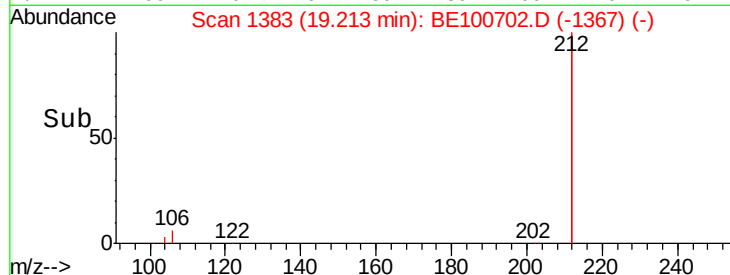
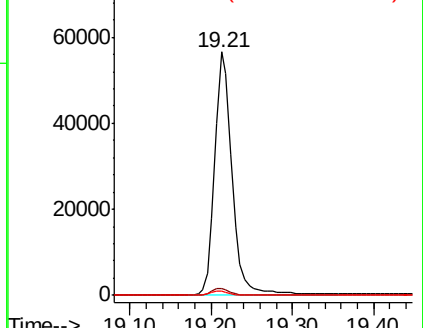
104 1.5 1.3 1.9



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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

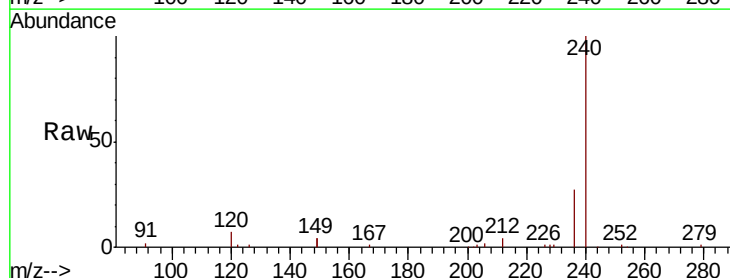
Tgt Ion:240 Resp: 23679

Ion Ratio Lower Upper

240 100

120 7.3 7.6 11.4#

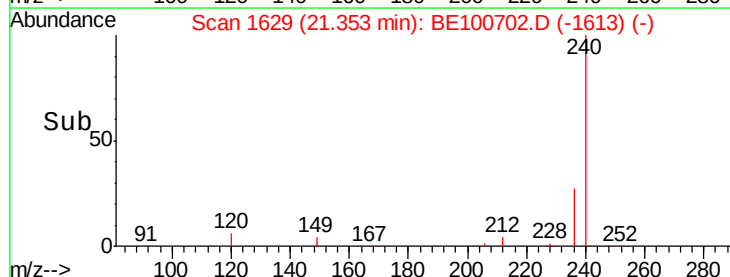
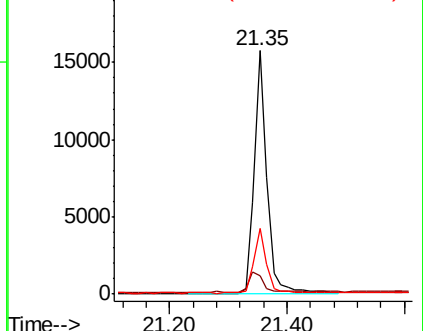
236 27.0 22.1 33.1

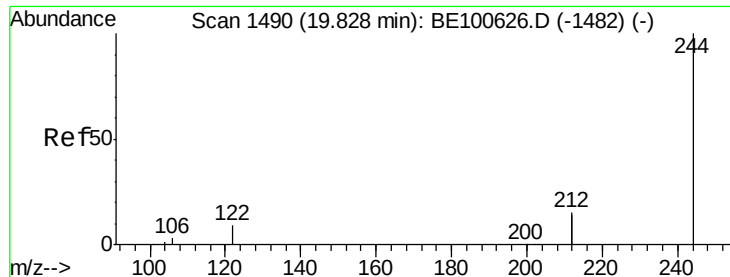


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.323 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

Instrument :

BNA_E

ClientSampleId :

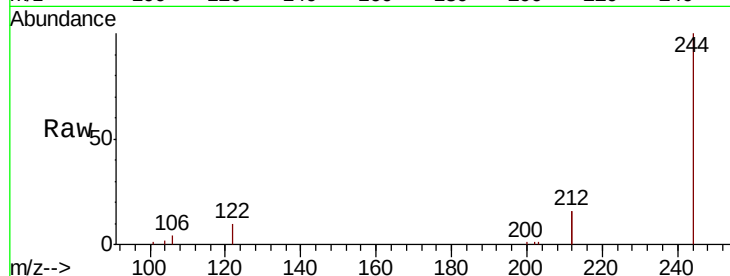
Tot Ion:244 Resp: 16697

Ion Ratio Lower Upper

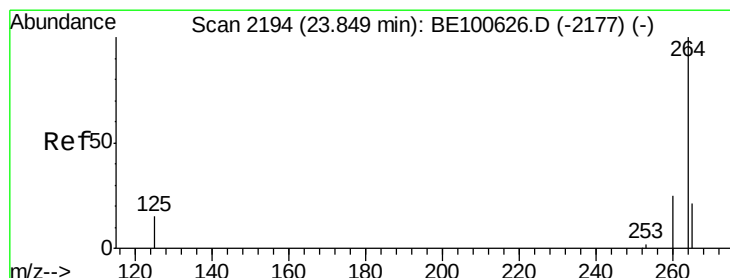
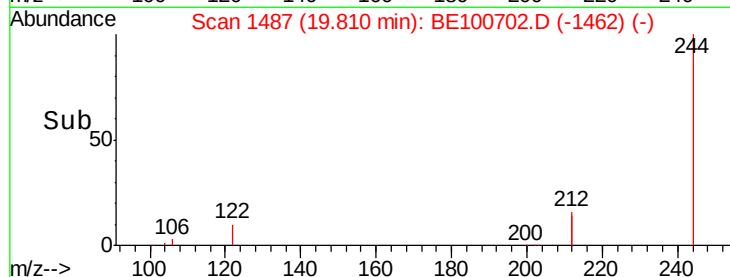
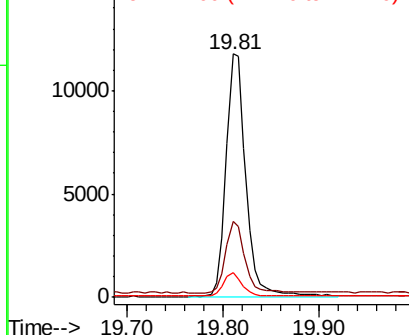
244 100

212 31.4 23.7 35.5

122 10.1 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: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE100702.D

Acq: 7 Nov 2019 15:29

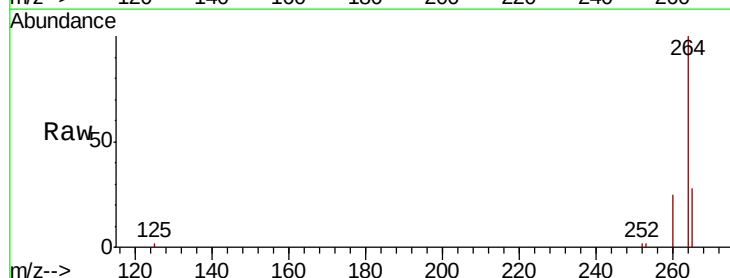
Tgt Ion:264 Resp: 28161

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 28.4 21.7 32.5



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

