

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
 Data File : BE099574.D
 Acq On : 8 May 2019 9:23
 Operator : JU/SJ
 Sample : PB119314BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 08 12:23:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2045	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6998	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4692	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13252	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17201	0.40	ng	0.00
34) Perylene-d12	23.97	264	21228	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1914	0.34	ng	0.00
5) Phenol-d6	6.99	99	2461	0.33	ng	0.01
8) Nitrobenzene-d5	8.99	82	1811	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3752	0.31	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	687	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5802	0.33	ng	0.00
25) Fluoranthene-d10	19.28	212	57631	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	11957	0.38	ng	0.00

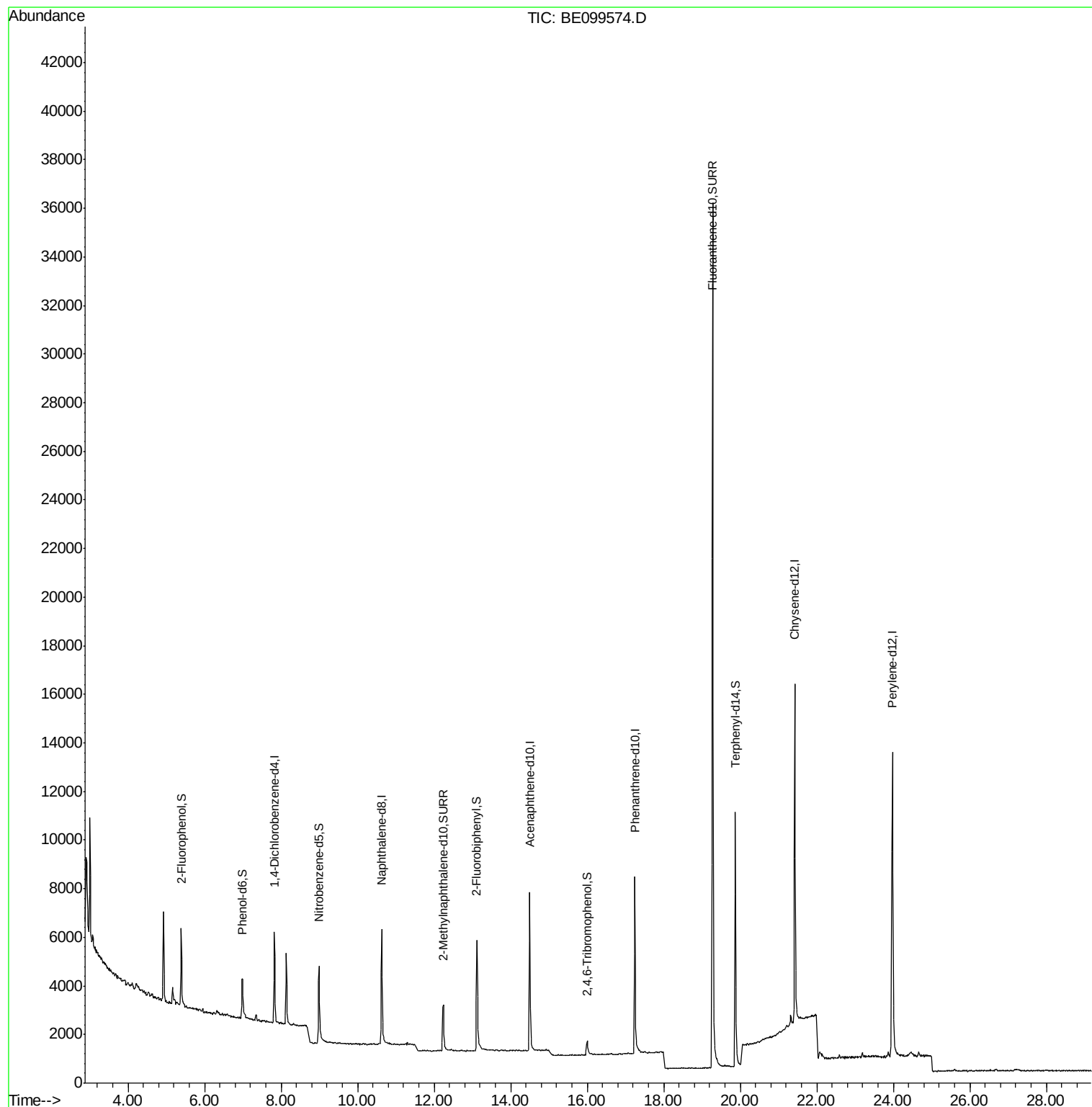
Target Compounds	Qvalue
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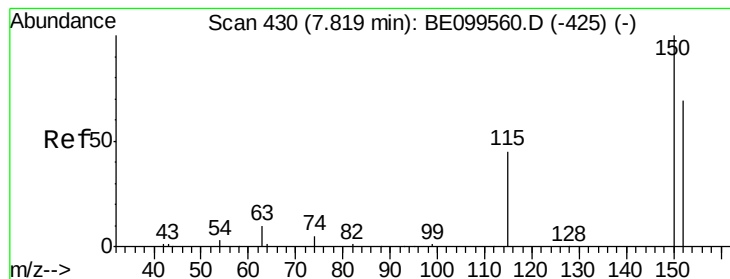
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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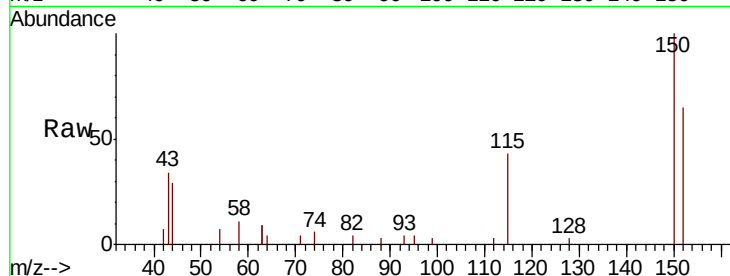


#1

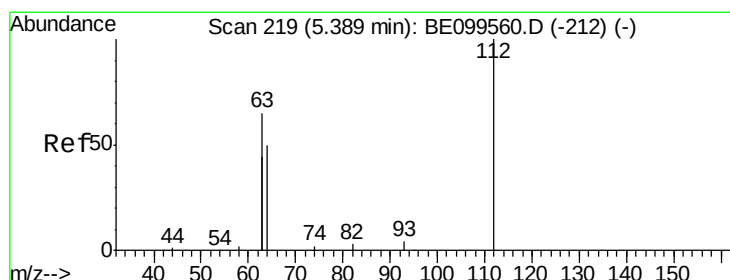
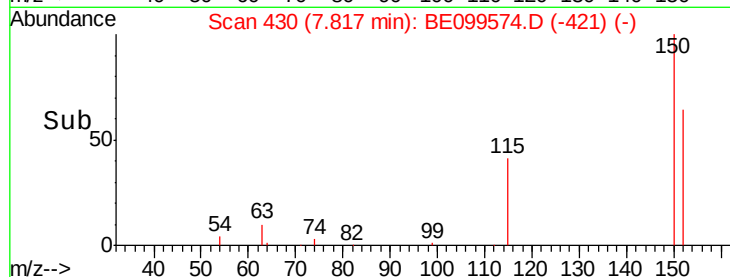
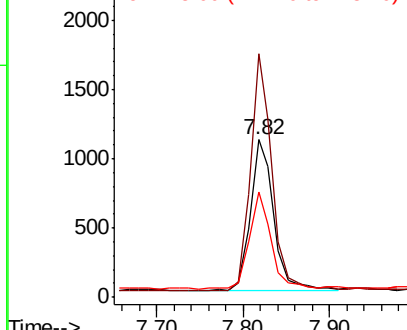
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099574.D
Acq: 8 May 2019 9:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2045
Ion Ratio Lower Upper
152 100
150 154.8 113.8 170.6
115 67.0 54.2 81.2



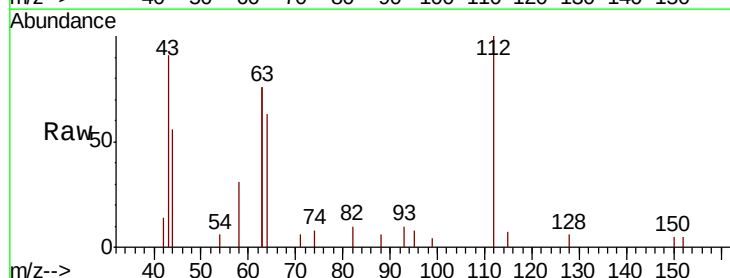
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



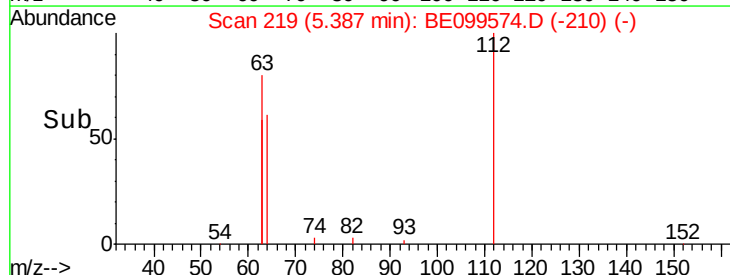
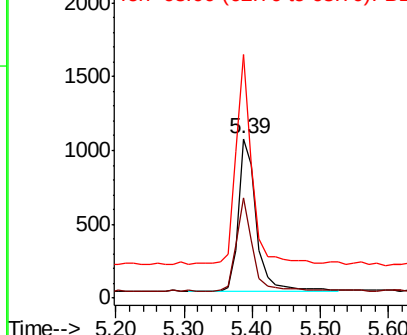
#4

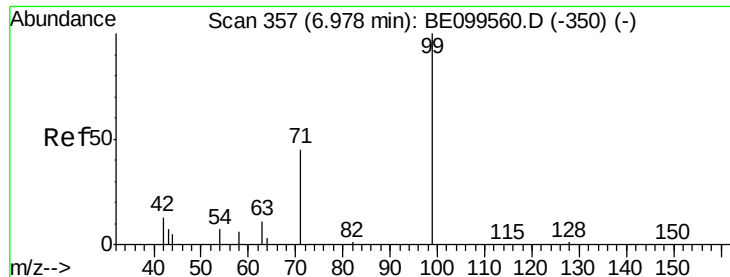
2-Fluorophenol
Concen: 0.338 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099574.D
Acq: 8 May 2019 9:23

Tgt Ion:112 Resp: 1914
Ion Ratio Lower Upper
112 100
64 55.8 46.3 69.5
63 118.5 99.6 149.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.330 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099574.D

Acq: 8 May 2019 9:23

Instrument :

BNA_E

ClientSampleId :

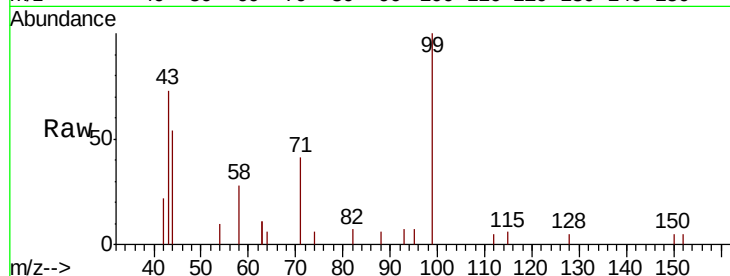
Tot Ion: 99 Resp: 2461

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.0

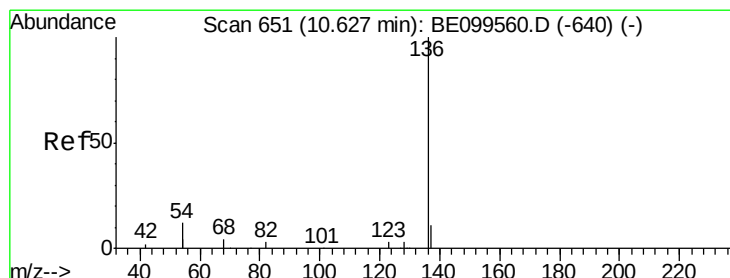
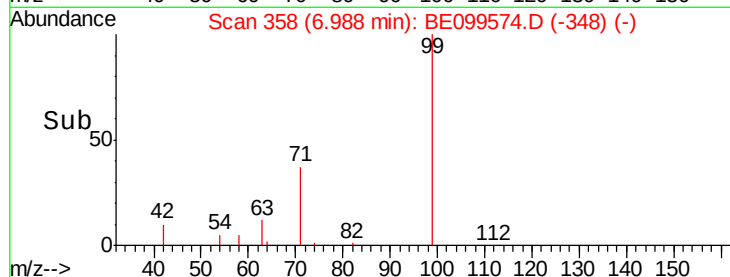
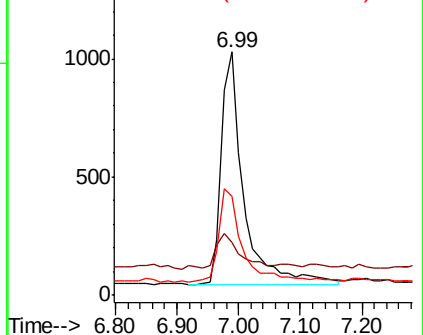
71 42.8 34.2 51.2



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099574.D

Acq: 8 May 2019 9:23

Tgt Ion: 136 Resp: 6998

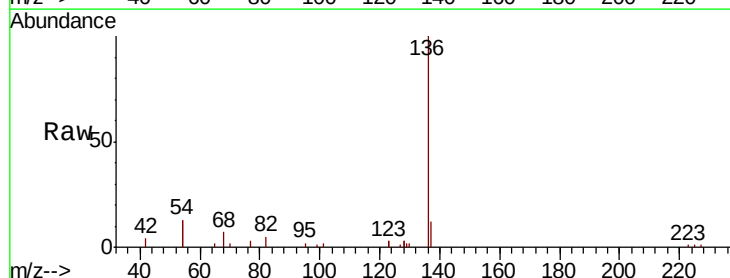
Ion Ratio Lower Upper

136 100

137 12.1 10.0 15.0

54 25.4 18.6 28.0

68 6.9 4.6 6.8#

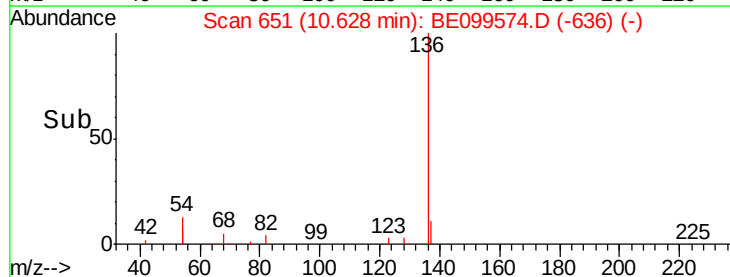
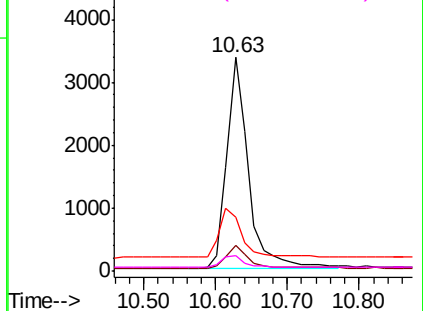


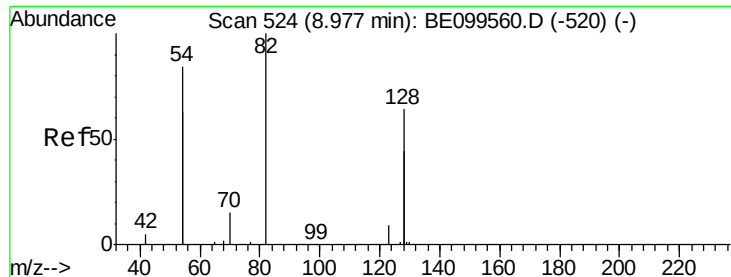
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.269 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099574.D

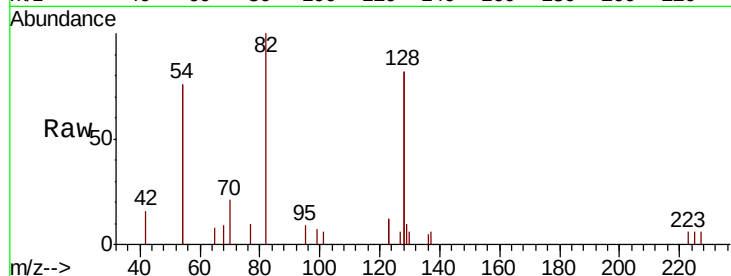
Acq: 8 May 2019 9:23

Instrument :

BNA_E

ClientSampleId :

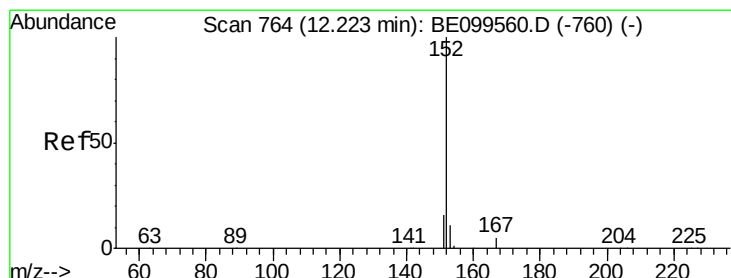
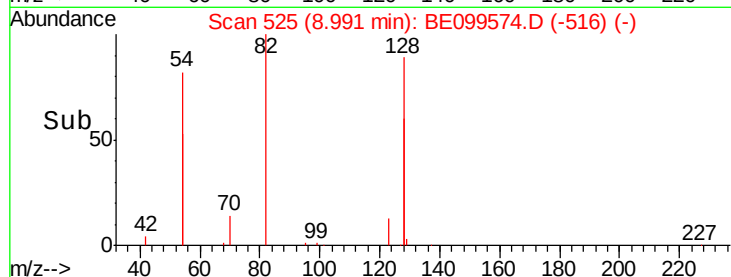
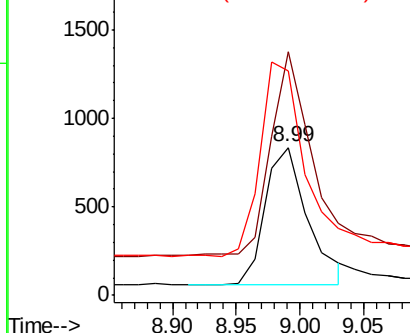
Tot Ion	82	Resp	1811
Ion	Ratio	Lower	Upper
82	100		
128	164.4	97.6	146.4#
54	151.7	127.4	191.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.308 ng

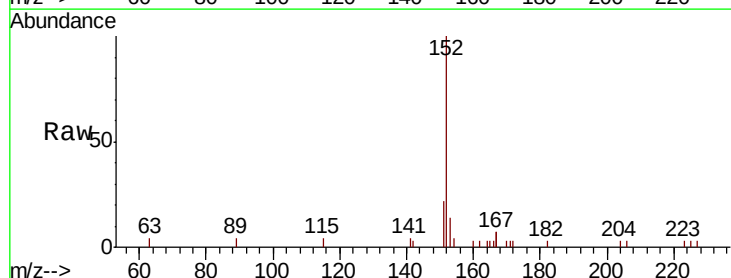
RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE099574.D

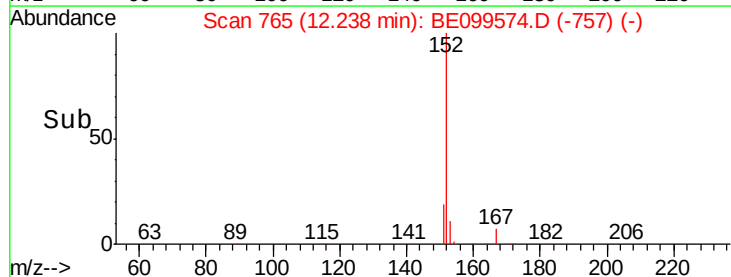
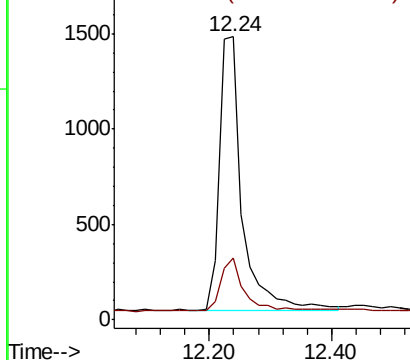
Acq: 8 May 2019 9:23

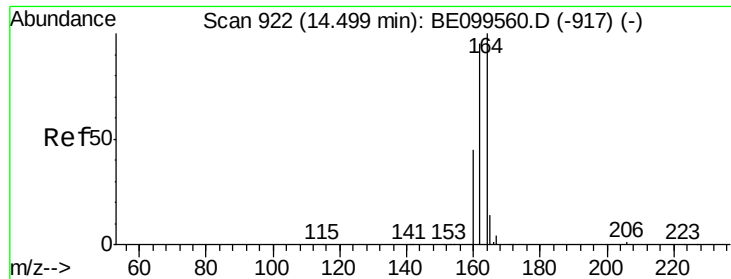
Tgt Ion	152	Resp	3752
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

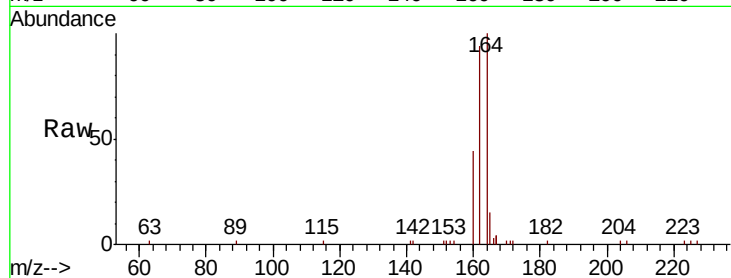




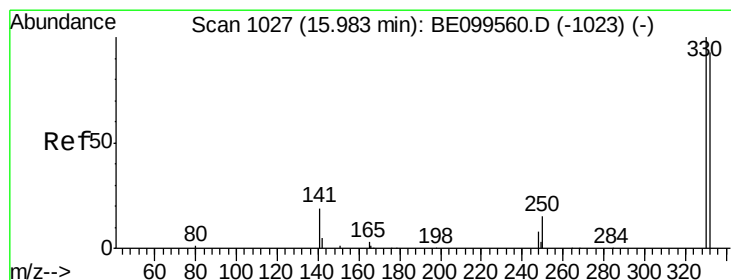
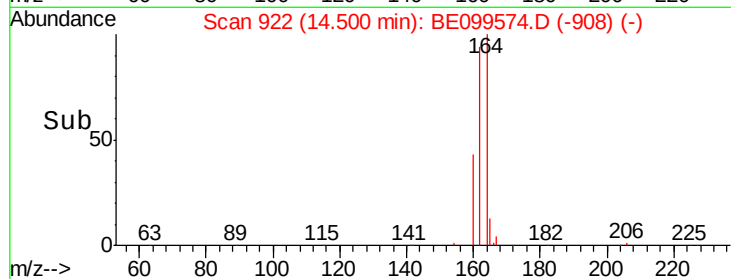
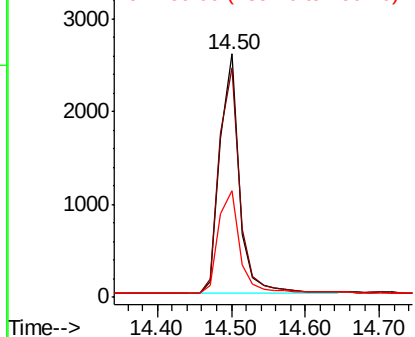
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099574.D
 Acq: 8 May 2019 9:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 4692
 Ion Ratio Lower Upper
 164 100
 162 94.4 76.4 114.6
 160 44.0 36.6 55.0

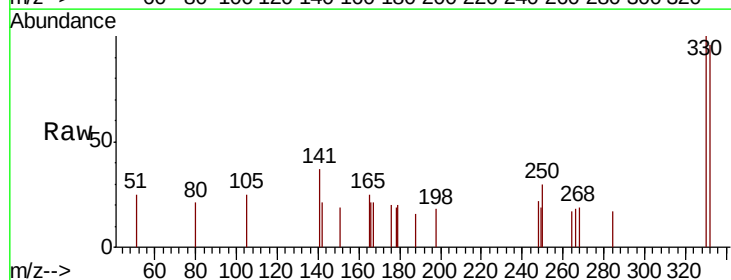


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

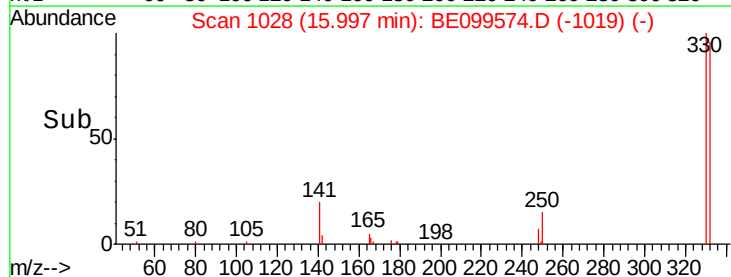
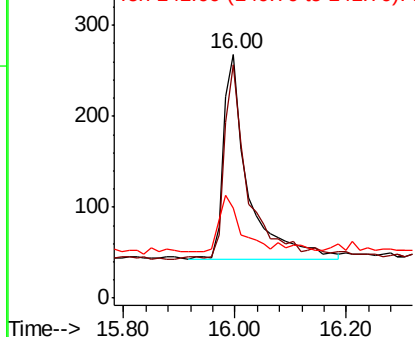


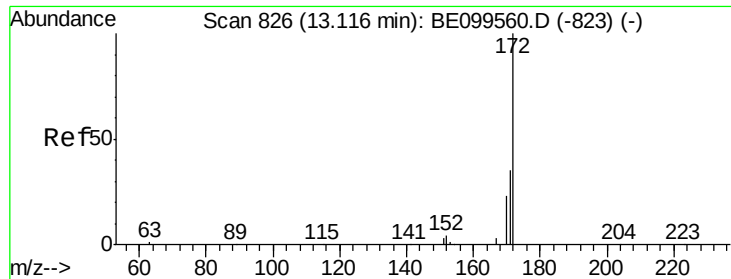
#14
 2,4,6-Tribromophenol
 Concen: 0.220 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099574.D
 Acq: 8 May 2019 9:23

Tgt Ion:330 Resp: 687
 Ion Ratio Lower Upper
 330 100
 332 87.9 77.7 116.5
 141 24.2 26.1 39.1#



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

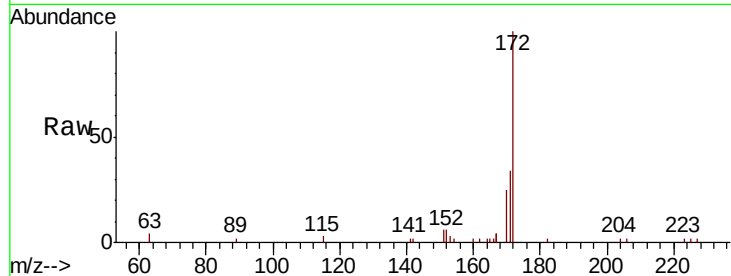




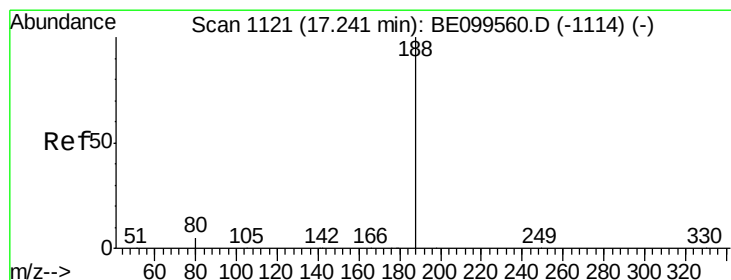
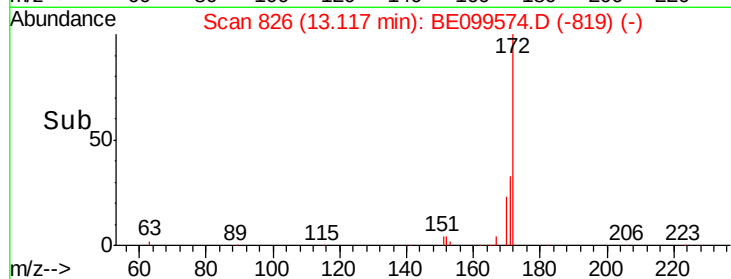
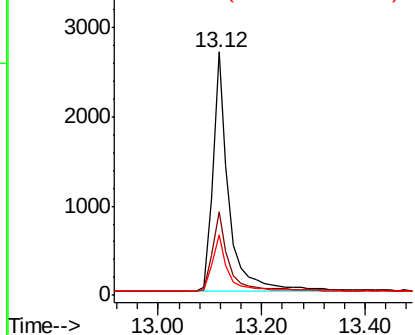
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099574.D
Acq: 8 May 2019 9:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5802
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 24.9 18.8 28.2

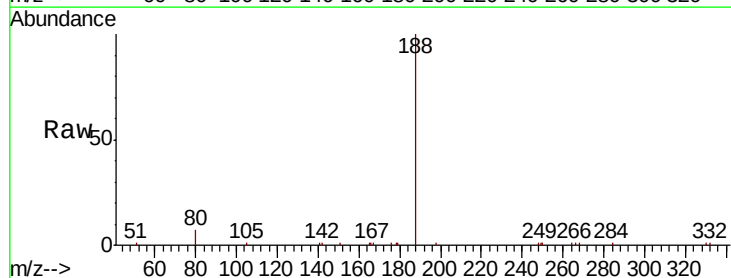


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

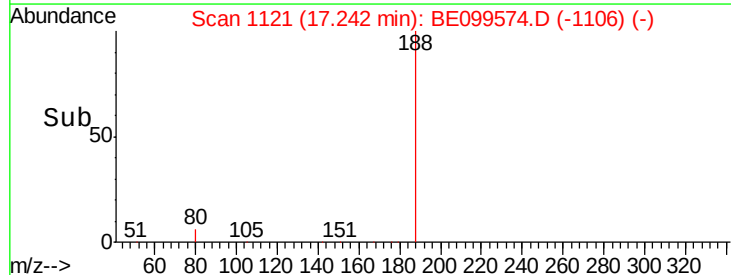
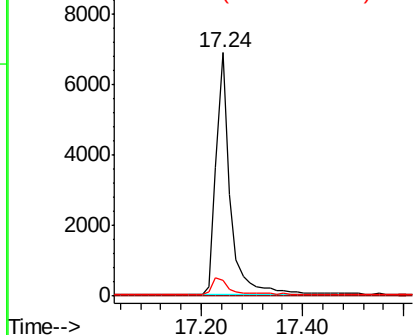


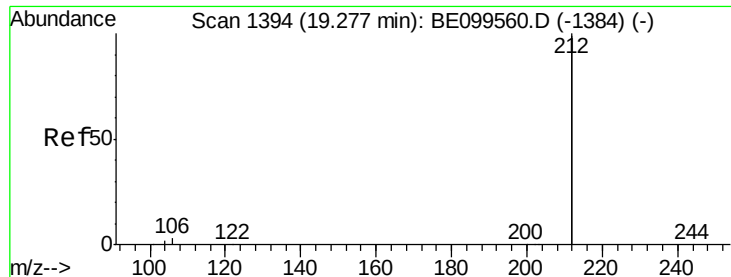
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099574.D
Acq: 8 May 2019 9:23

Tgt Ion:188 Resp: 13252
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 4.6 7.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.323 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099574.D

Acq: 8 May 2019 9:23

Instrument :

BNA_E

ClientSampleId :

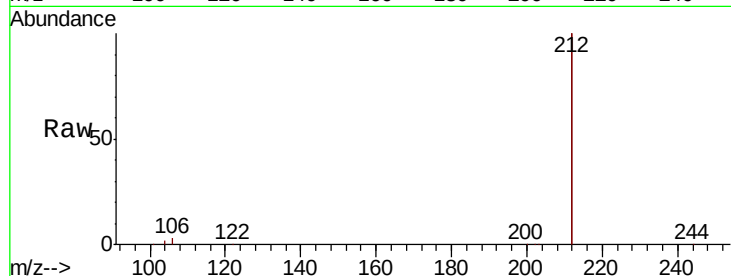
Tot Ion:212 Resp: 57631

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

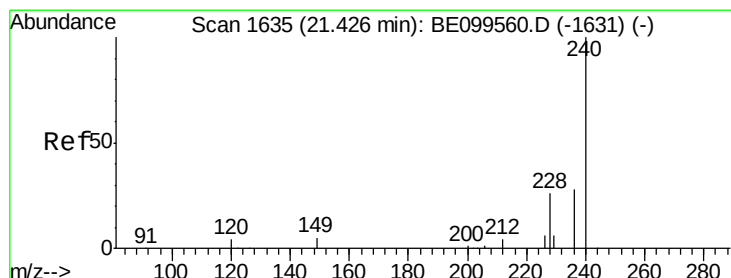
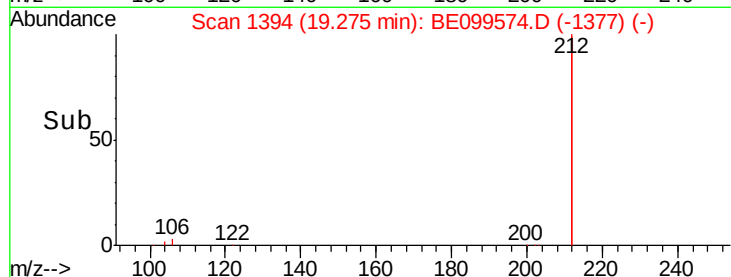
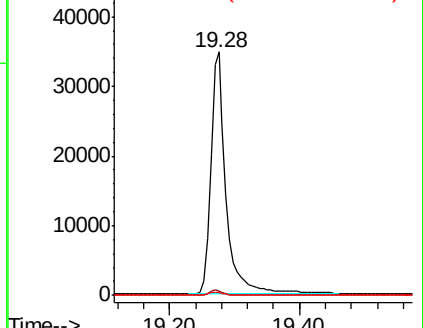
104 1.0 0.8 1.2



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: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099574.D

Acq: 8 May 2019 9:23

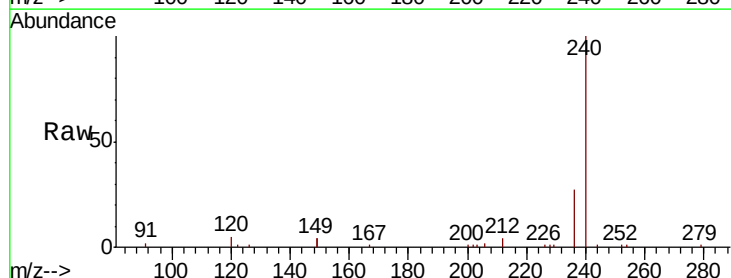
Tgt Ion:240 Resp: 17201

Ion Ratio Lower Upper

240 100

120 5.0 3.8 5.6

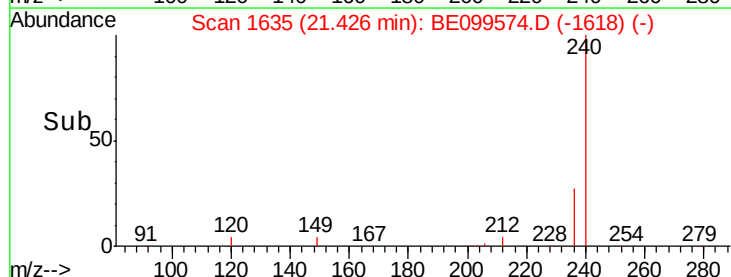
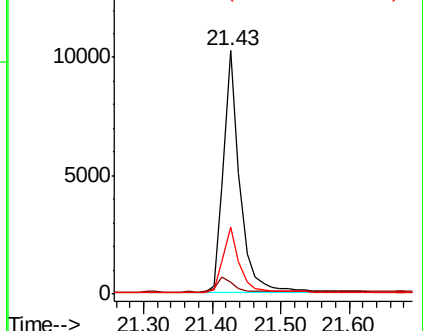
236 27.3 22.5 33.7

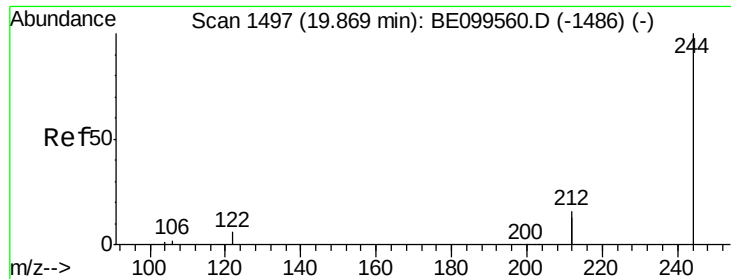


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099574.D

Acq: 8 May 2019 9:23

Instrument :

BNA_E

ClientSampleId :

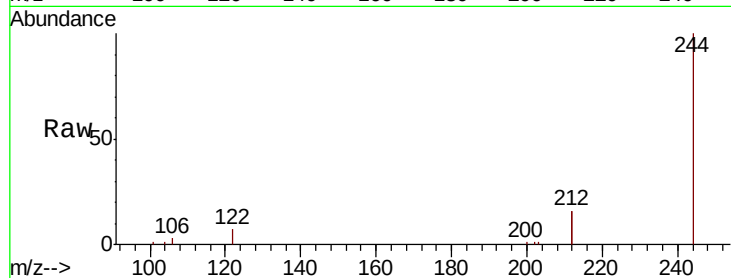
Tot Ion:244 Resp: 11957

Ion Ratio Lower Upper

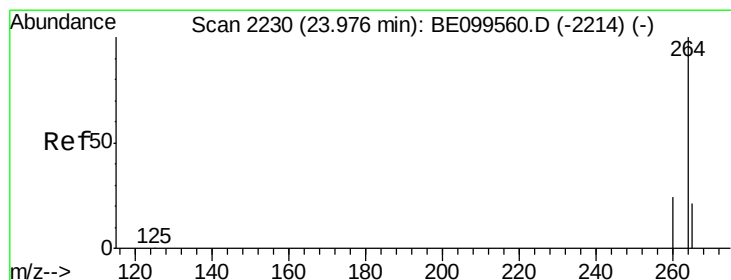
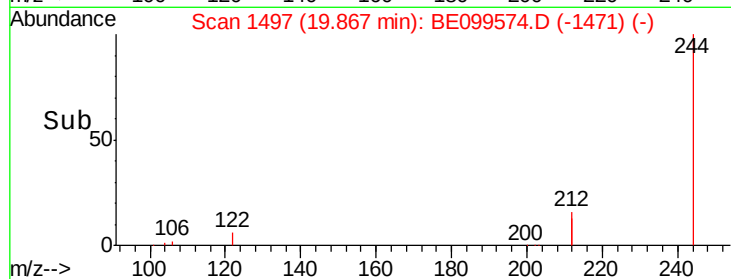
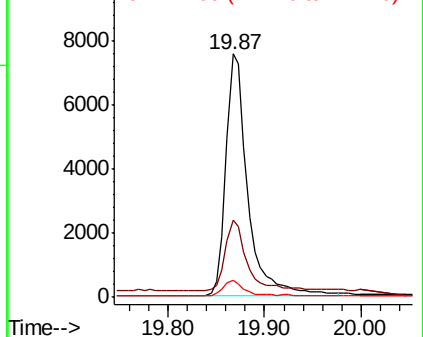
244 100

212 31.9 24.6 37.0

122 7.0 5.0 7.6



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: 23.97 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BE099574.D

Acq: 8 May 2019 9:23

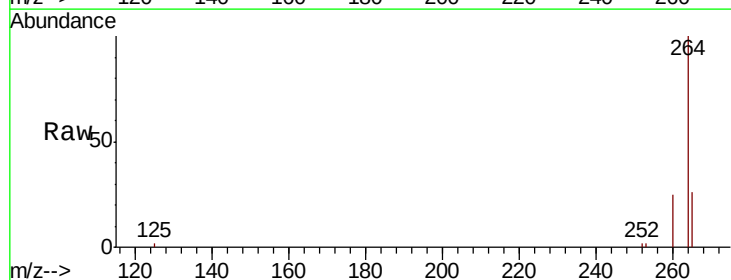
Tgt Ion:264 Resp: 21228

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

265 26.1 22.2 33.2



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

