

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098484.D
 Acq On : 15 Dec 2018 22:30
 Operator : SJ/JU
 Sample : PB115688BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115688BL

Quant Time: Dec 16 02:57:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	612	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2525	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1587	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	4446	0.40	ng	0.00
27) Chrysene-d12	21.46	240	5442	0.40	ng	0.00
34) Perylene-d12	24.01	264	4897	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	888	0.62	ng	0.01
5) Phenol-d6	7.06	99	1016	0.50	ng	0.01
8) Nitrobenzene-d5	9.06	82	695	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	1565	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	280	0.48	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2304	0.34	ng	0.01
25) Fluoranthene-d10	19.31	212	25531	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	3894	0.29	ng	0.00

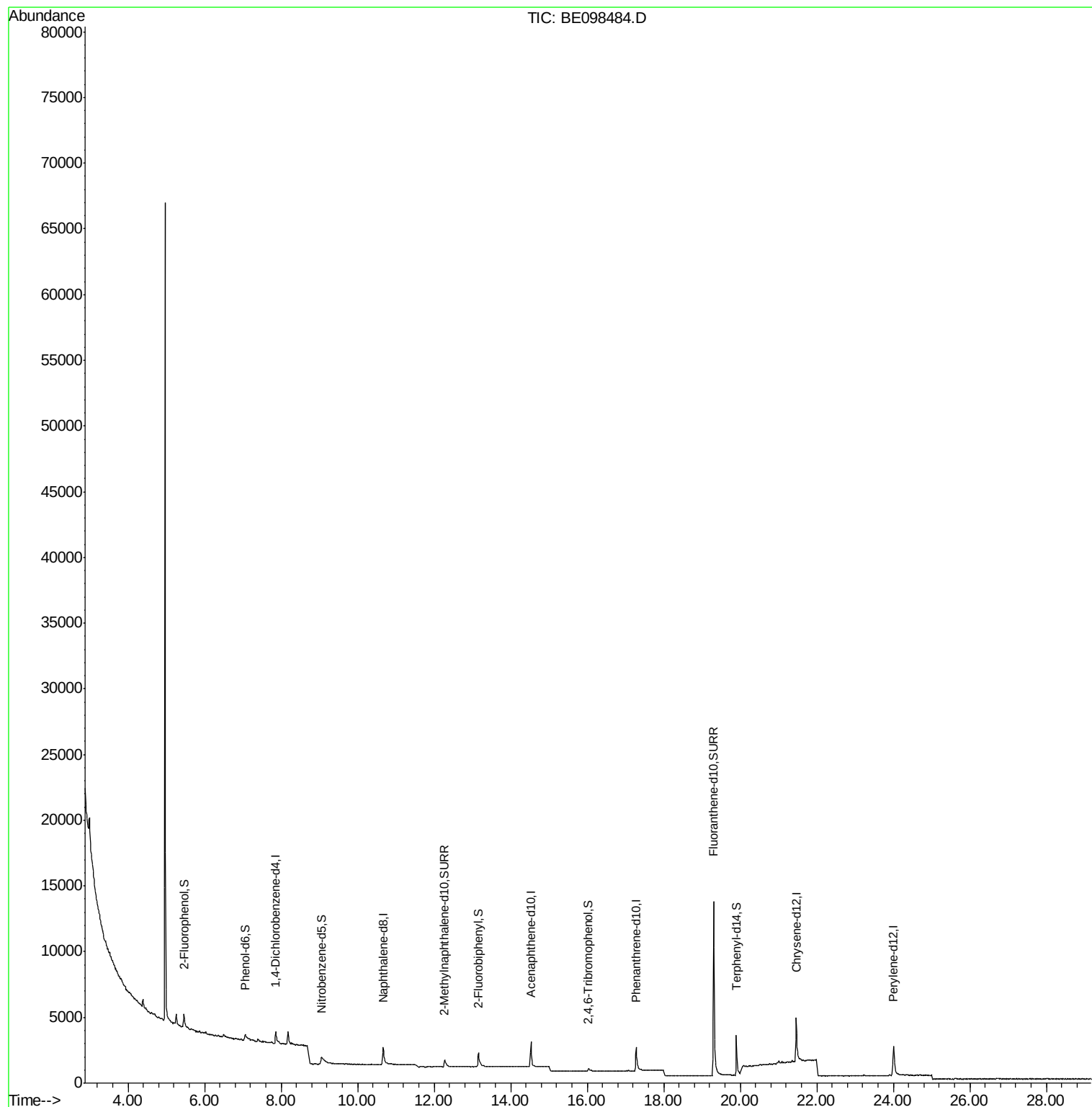
Target Compounds	Qvalue
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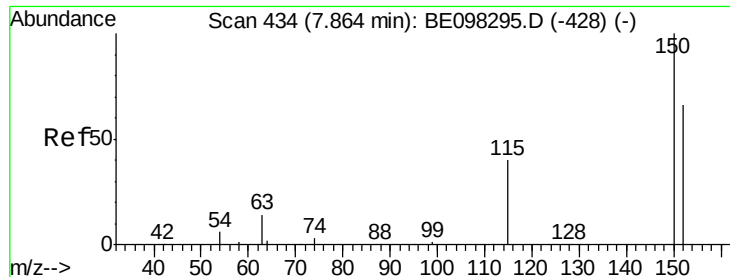
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

PB115688BL

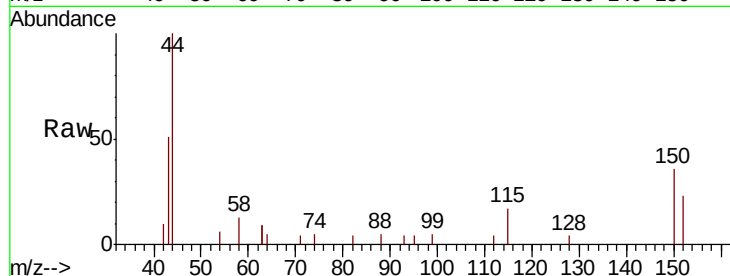
Tot Ion:152 Resp: 612

Ion Ratio Lower Upper

152 100

150 153.1 124.2 186.4

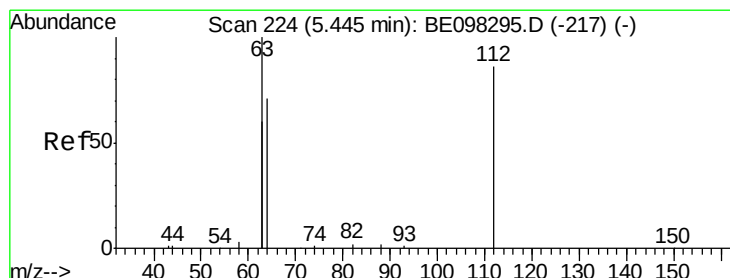
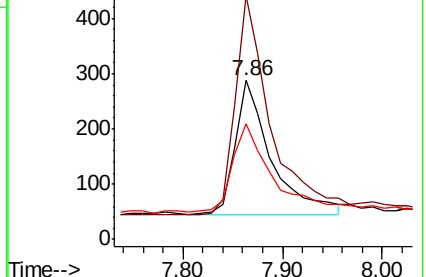
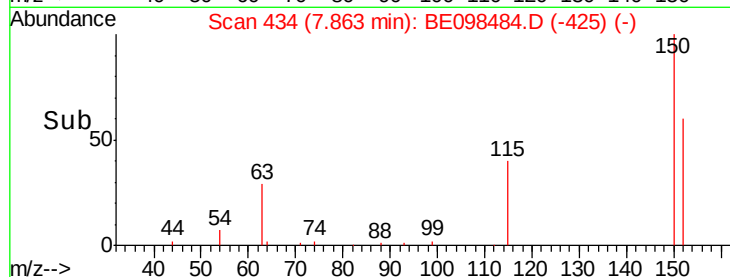
115 72.9 53.9 80.9



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: 0.620 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

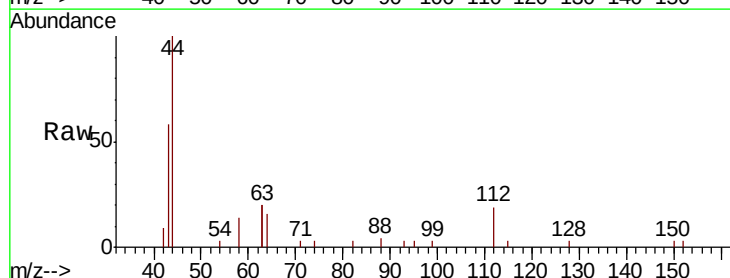
Tgt Ion:112 Resp: 888

Ion Ratio Lower Upper

112 100

64 75.3 59.8 89.8

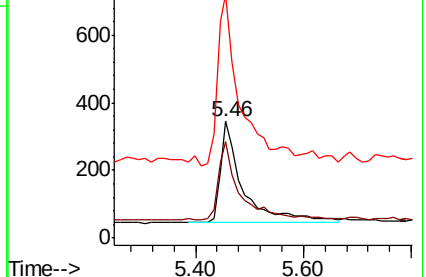
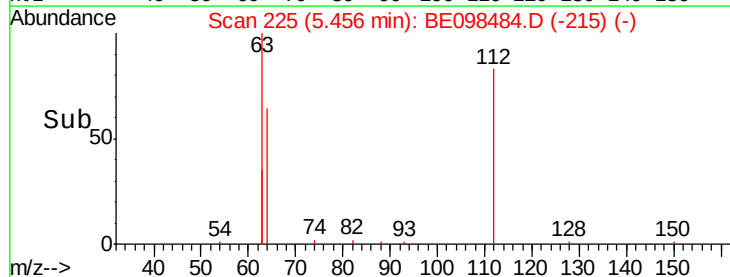
63 174.0 133.7 200.5

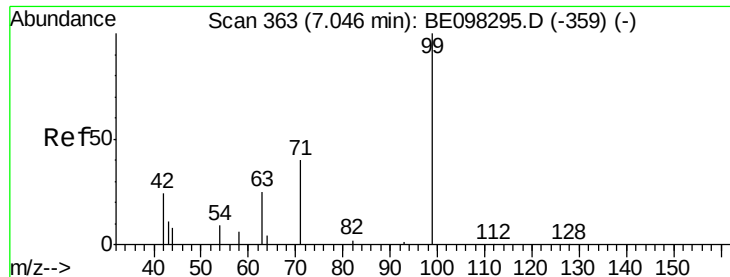


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.501 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

PB115688BL

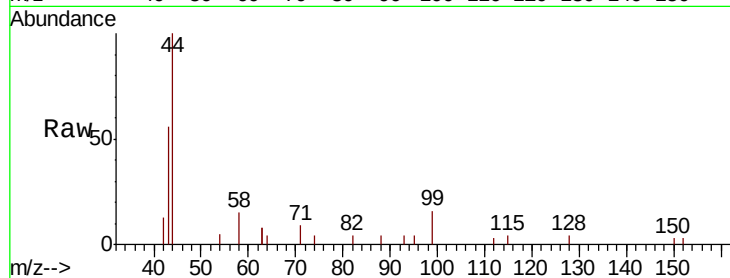
Tot Ion: 99 Resp: 1016

Ion Ratio Lower Upper

99 100

42 17.3 26.3 39.5#

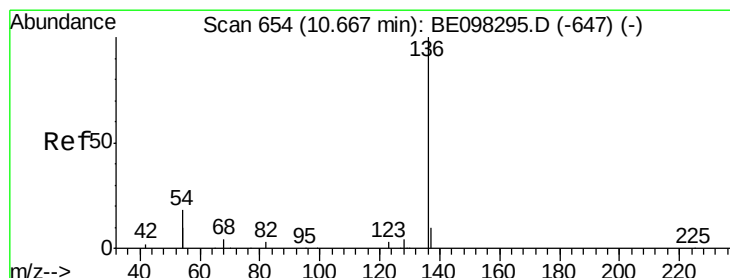
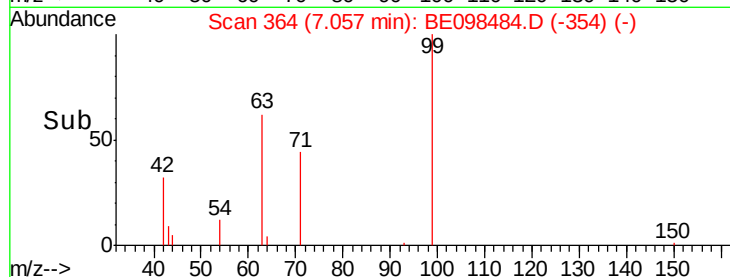
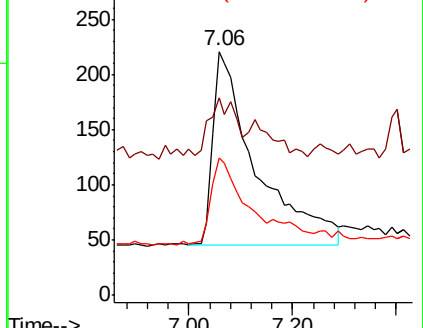
71 43.7 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

Tgt Ion: 136 Resp: 2525

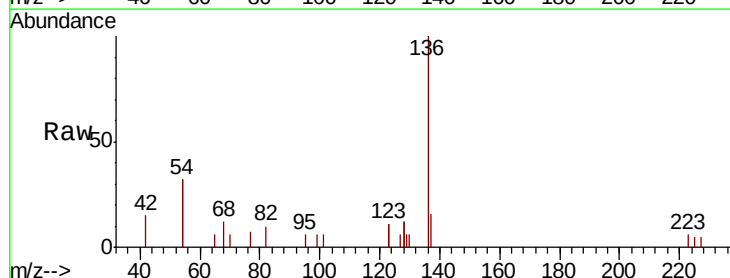
Ion Ratio Lower Upper

136 100

137 15.9 9.2 13.8#

54 63.9 28.4 42.6#

68 11.5 5.4 8.0#

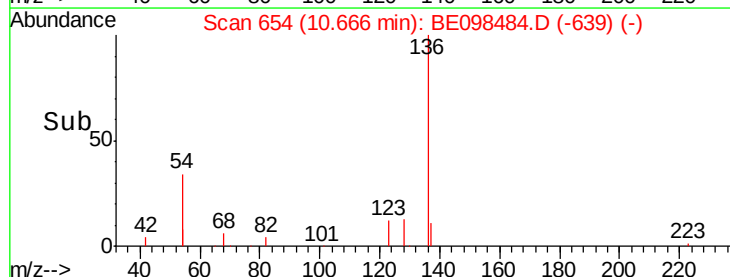
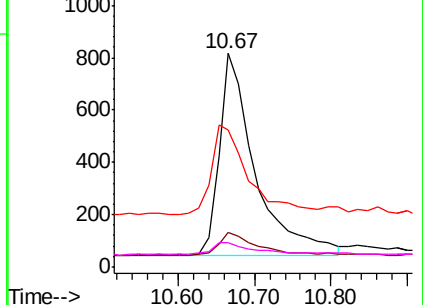


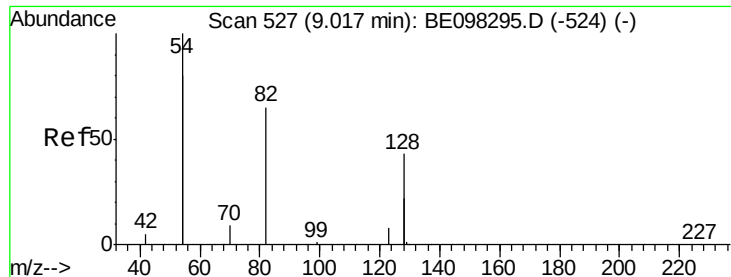
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

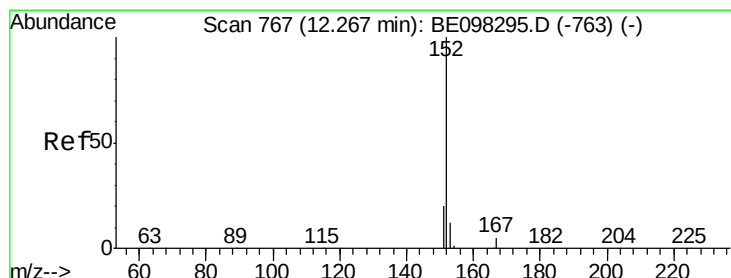
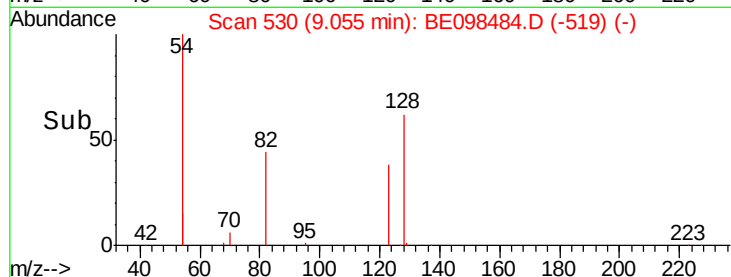
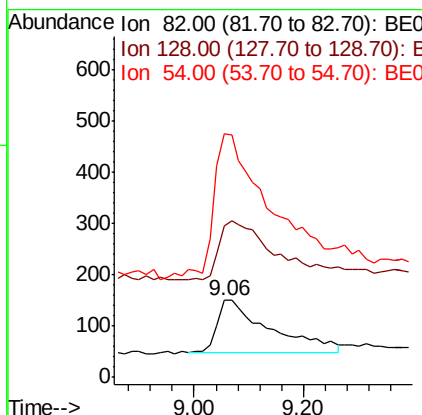
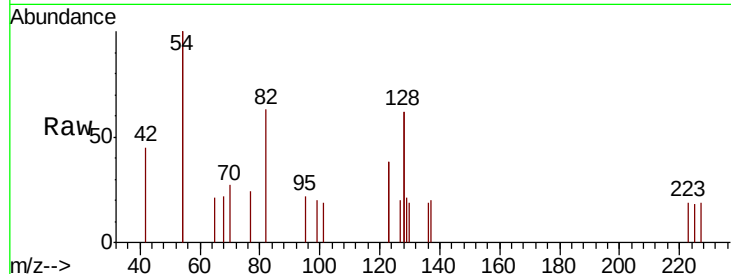




#8
 Nitrobenzene-d5
 Concen: 0.302 ng
 RT: 9.06 min Scan# 530
 Delta R.T. 0.04 min
 Lab File: BE098484.D
 Acq: 15 Dec 2018 22:30

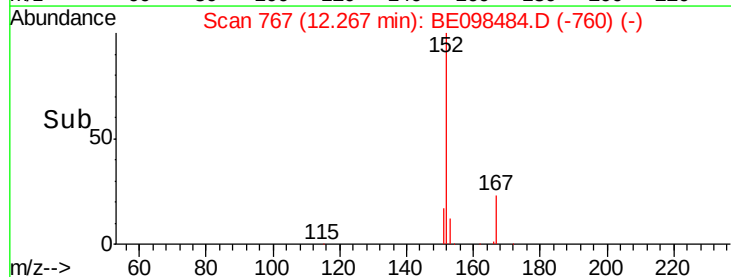
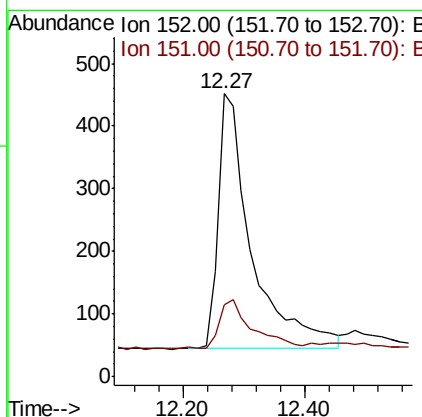
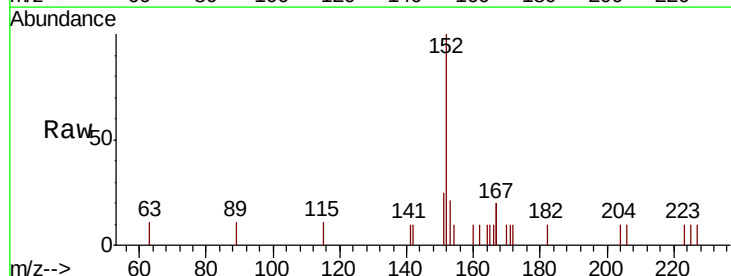
Instrument :
 BNA_E
 ClientSampleId :
 PB115688BL

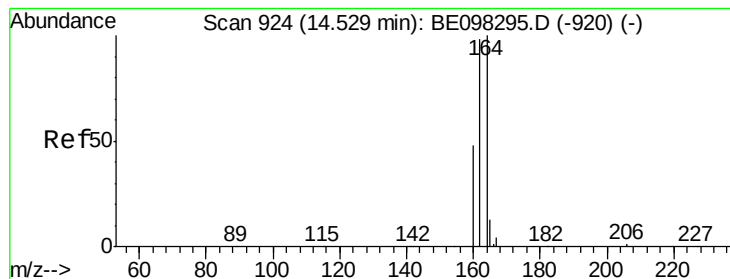
Tot Ion	Ratio	Lower	Upper
82	100		
128	196.0	102.4	153.6
54	315.2	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098484.D
 Acq: 15 Dec 2018 22:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

PB115688BL

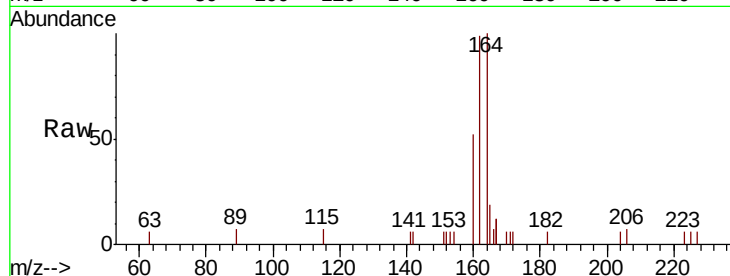
Tot Ion:164 Resp: 1587

Ion Ratio Lower Upper

164 100

162 98.6 77.6 116.4

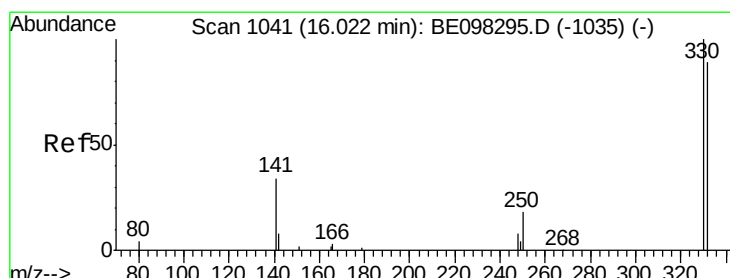
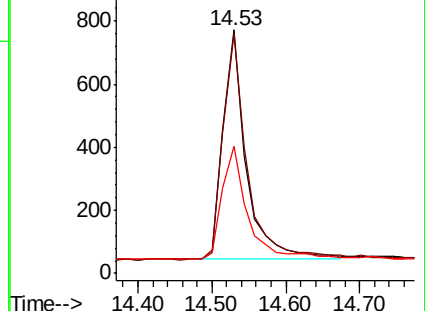
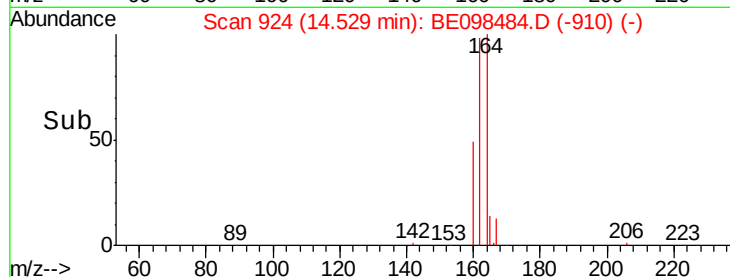
160 52.3 36.0 54.0



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: 0.481 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

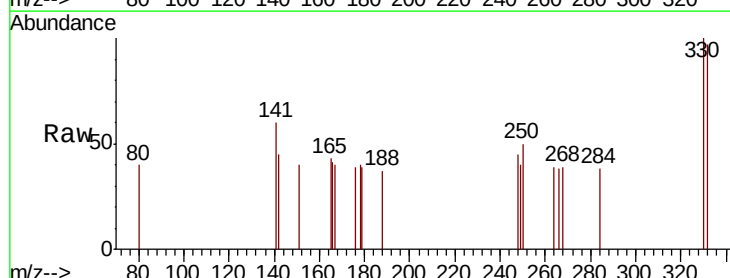
Tgt Ion:330 Resp: 280

Ion Ratio Lower Upper

330 100

332 82.1 76.2 114.4

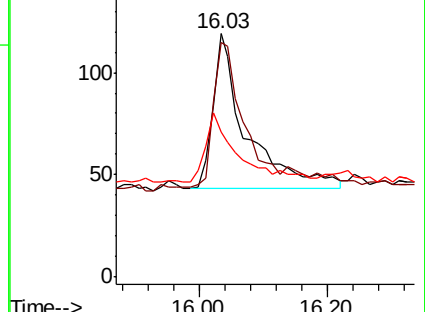
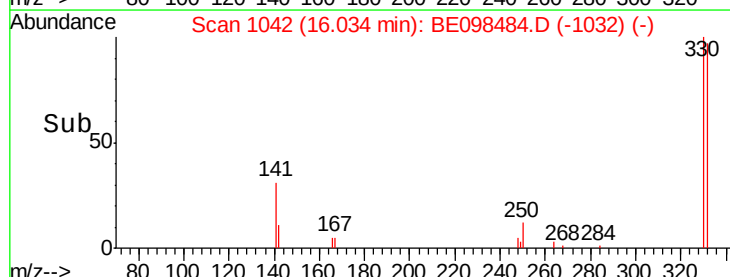
141 43.9 39.0 58.4

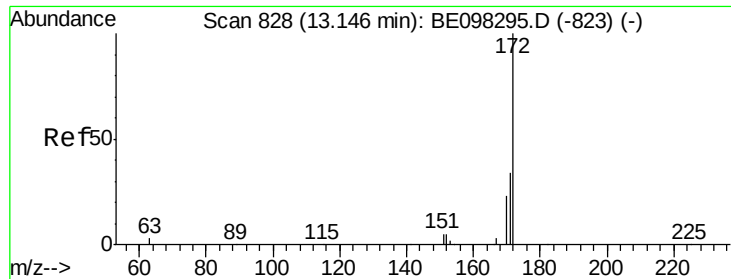


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

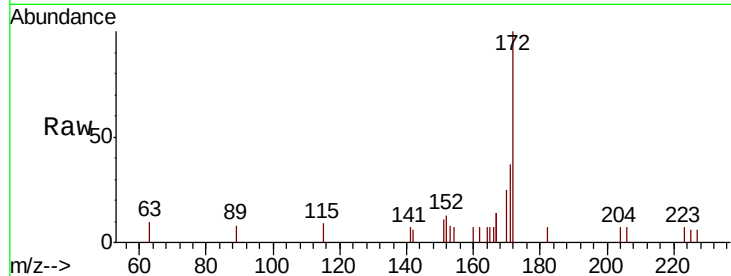




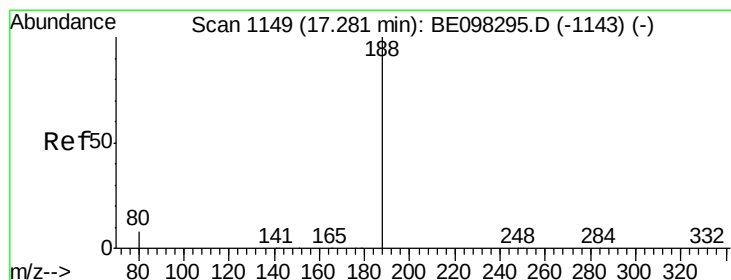
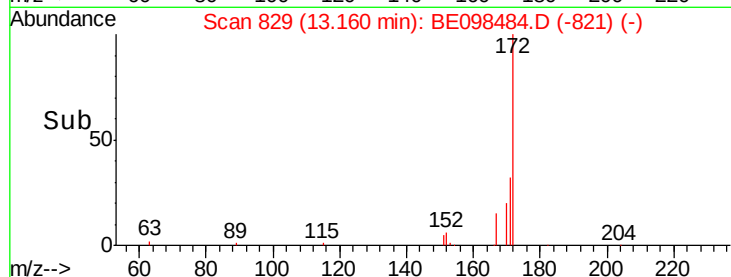
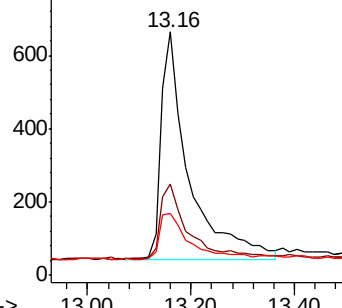
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098484.D
Acq: 15 Dec 2018 22:30

Instrument :
BNA_E
ClientSampleId :
PB115688BL

Tot Ion:172 Resp: 2304
Ion Ratio Lower Upper
172 100
171 37.3 27.5 41.3
170 25.2 19.6 29.4

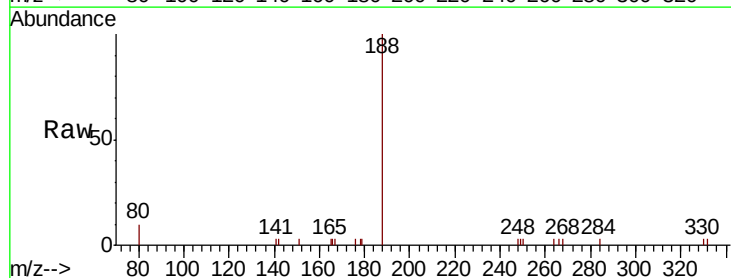


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

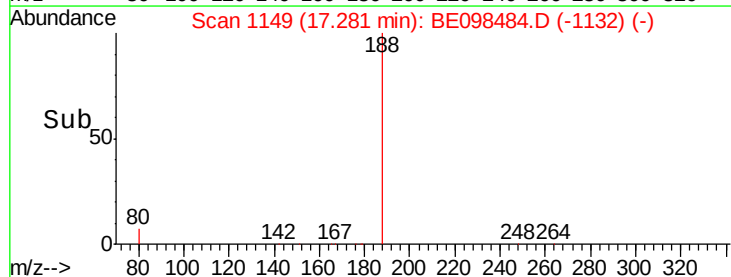
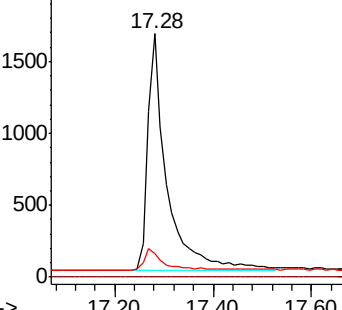


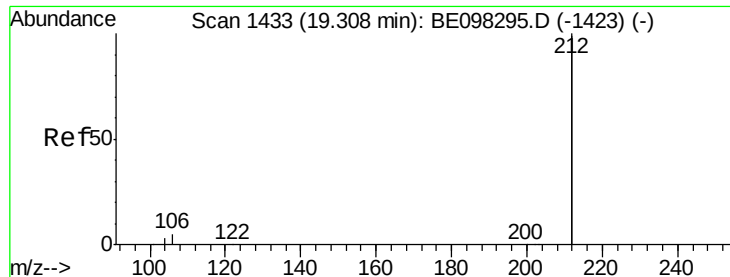
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098484.D
Acq: 15 Dec 2018 22:30

Tgt Ion:188 Resp: 4446
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.2 10.8



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

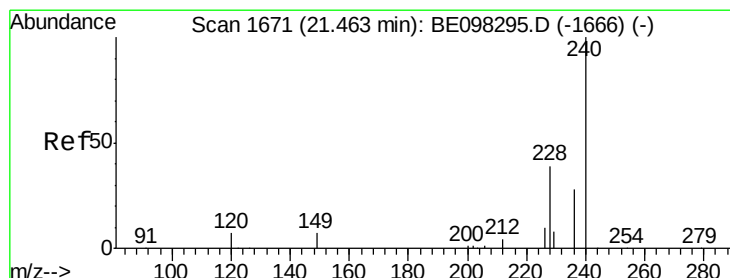
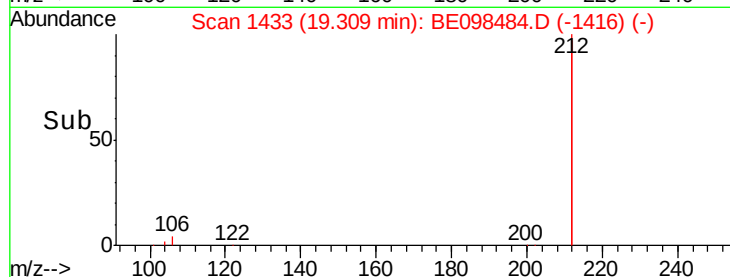
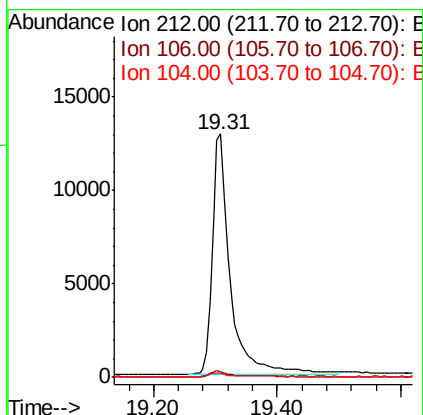
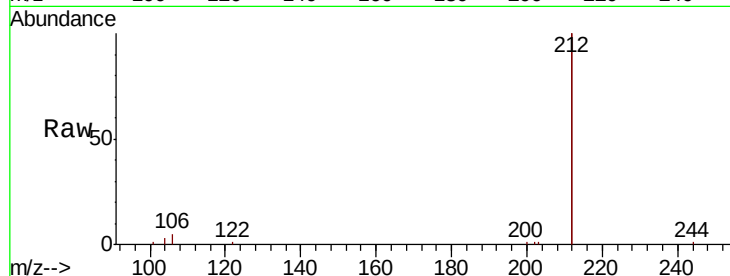




#25
 Fluoranthene-d10
 Concen: 0.448 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098484.D
 Acq: 15 Dec 2018 22:30

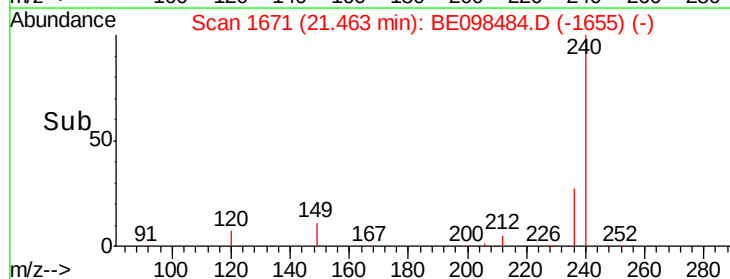
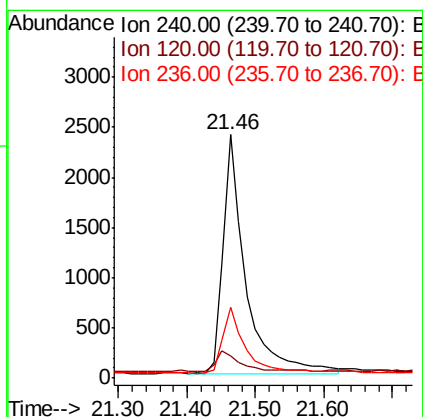
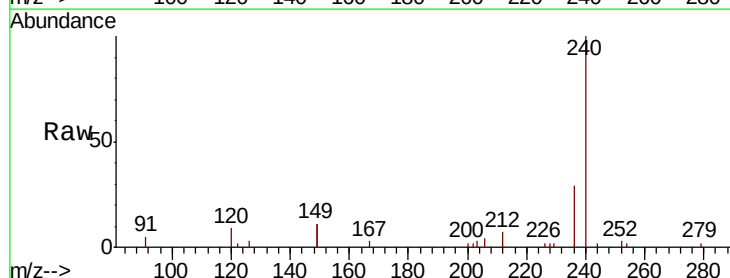
Instrument :
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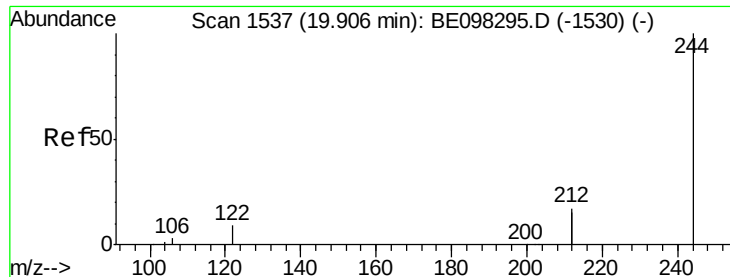
Tot Ion:212 Resp: 25531
 Ion Ratio Lower Upper
 212 100
 106 2.2 2.2 3.2
 104 1.3 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098484.D
 Acq: 15 Dec 2018 22:30

Tgt Ion:240 Resp: 5442
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.5 14.3#
 236 29.0 22.7 34.1





#29

Terphenyl-d14

Concen: 0.294 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

PB115688BL

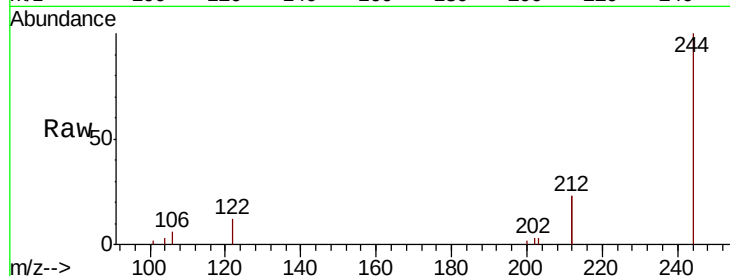
Tot Ion:244 Resp: 3894

Ion Ratio Lower Upper

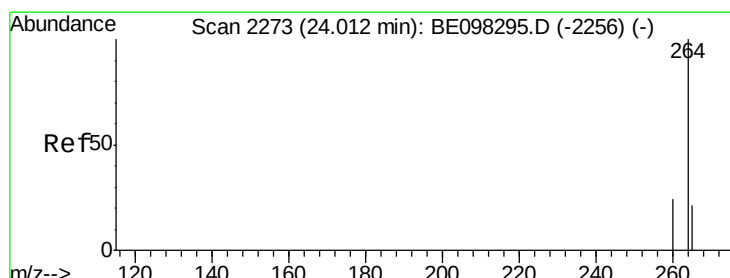
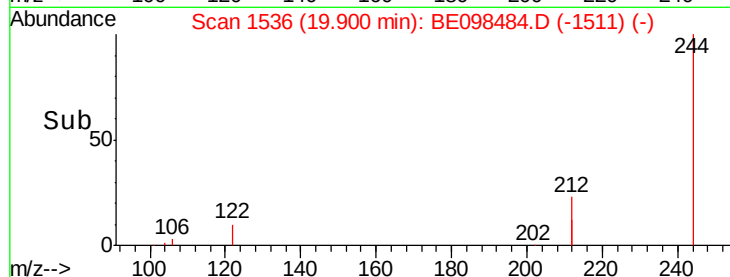
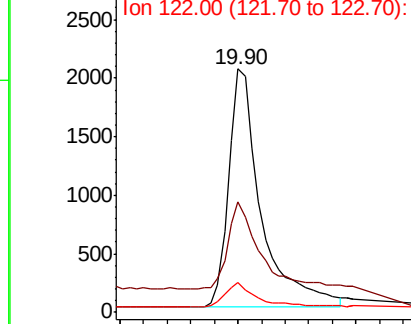
244 100

212 45.2 27.4 41.0#

122 12.4 8.3 12.5



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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098484.D

Acq: 15 Dec 2018 22:30

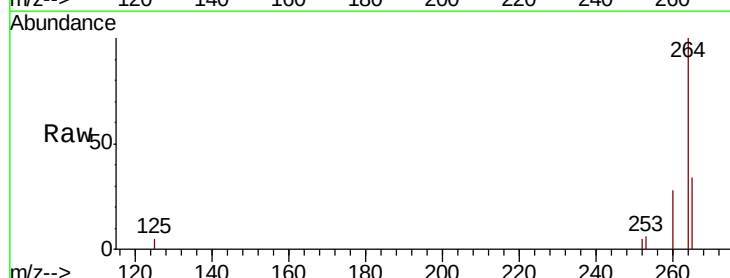
Tgt Ion:264 Resp: 4897

Ion Ratio Lower Upper

264 100

260 27.8 20.2 30.2

265 34.0 25.2 37.8



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

