

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097728.D
 Acq On : 4 Oct 2018 16:46
 Operator : SJ/JU
 Sample : PB113508BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113508BL

Quant Time: Oct 05 07:32:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3879	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14293	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6558	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	15497	0.40	ng	0.00
27) Chrysene-d12	21.49	240	15741	0.40	ng	0.00
34) Perylene-d12	24.04	264	16263	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3686	0.40	ng	0.00
5) Phenol-d6	7.04	99	4860	0.35	ng	0.00
8) Nitrobenzene-d5	9.04	82	2709	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8248	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	434	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	12768	0.44	ng	0.00
25) Fluoranthene-d10	19.33	212	71050	0.36	ng	0.00
29) Terphenyl-d14	19.94	244	12339	0.38	ng	0.00

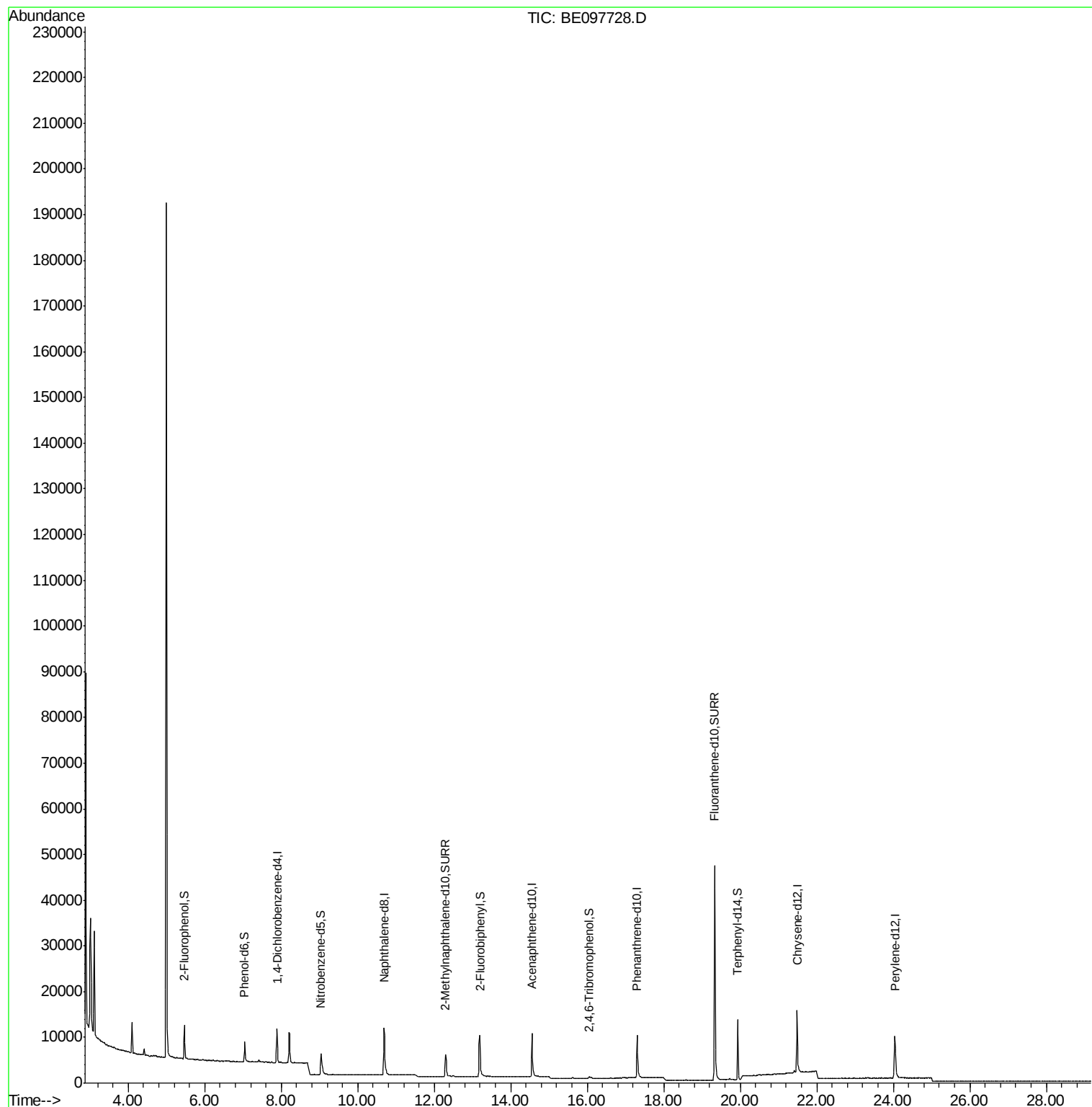
Target Compounds Qvalue

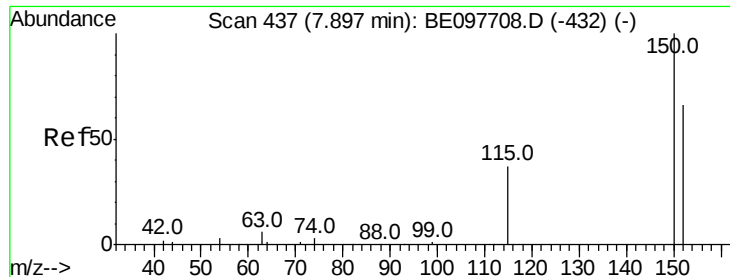
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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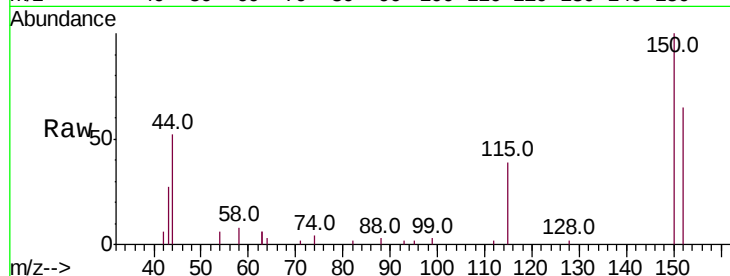


#1

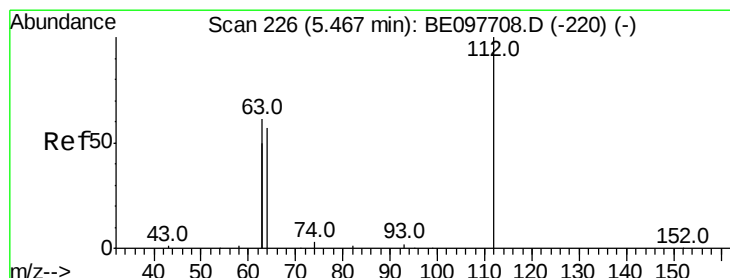
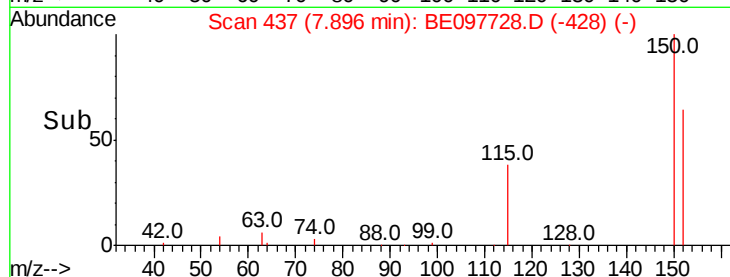
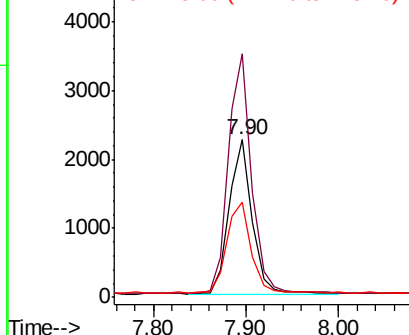
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.90 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

Instrument :
 BNA_E
 ClientSampleId :
 PB113508BL

Tot Ion:152 Resp: 3879
 Ion Ratio Lower Upper
 152 100
 150 154.7 120.9 181.3
 115 60.8 46.6 69.8



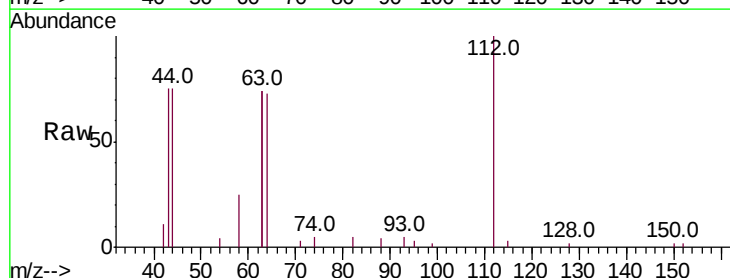
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



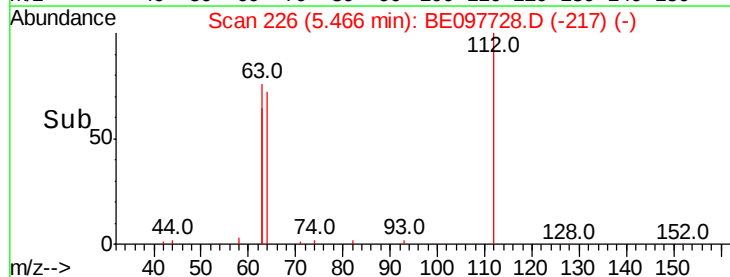
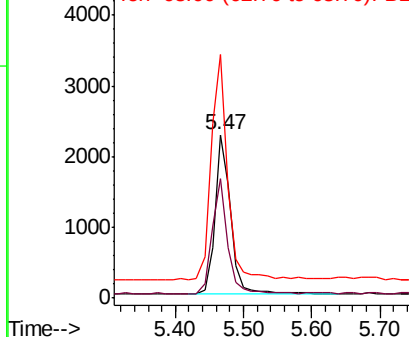
#4

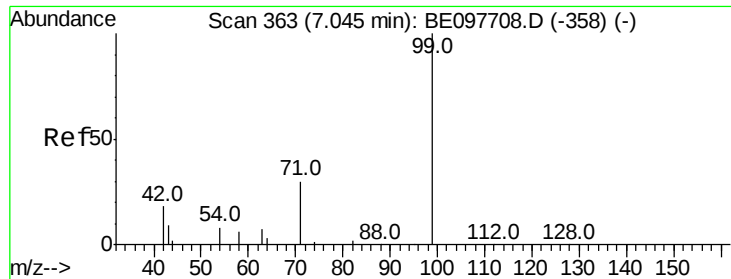
2-Fluorophenol
 Concen: 0.402 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

Tgt Ion:112 Resp: 3686
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.6 84.8
 63 145.3 119.4 179.0



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: 0.346 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

PB113508BL

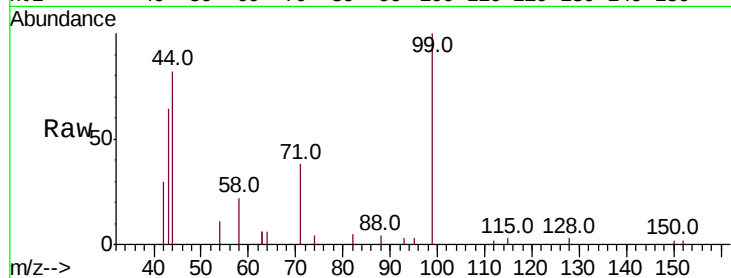
Tot Ion: 99 Resp: 4860

Ion Ratio Lower Upper

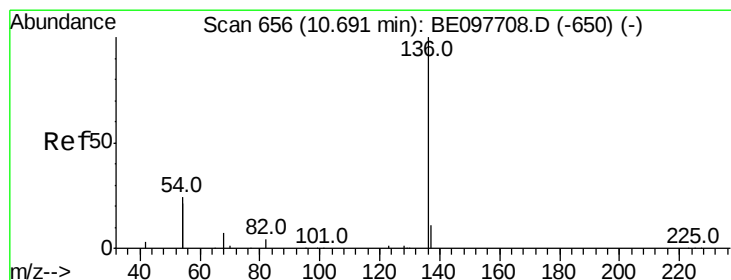
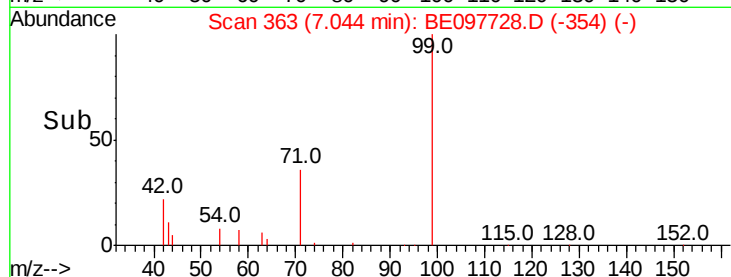
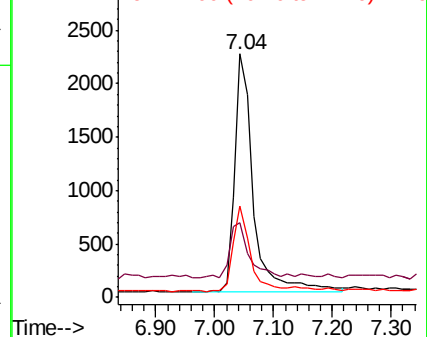
99 100

42 23.3 19.9 29.9

71 32.0 25.4 38.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Tgt Ion:136 Resp: 14293

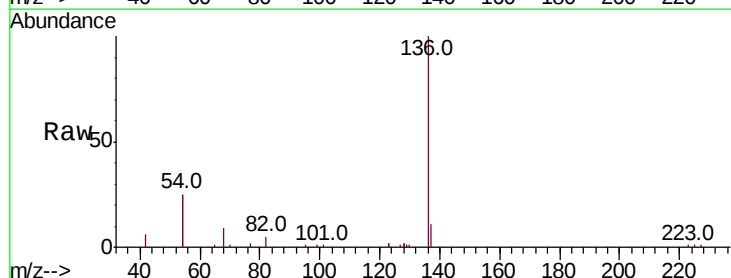
Ion Ratio Lower Upper

136 100

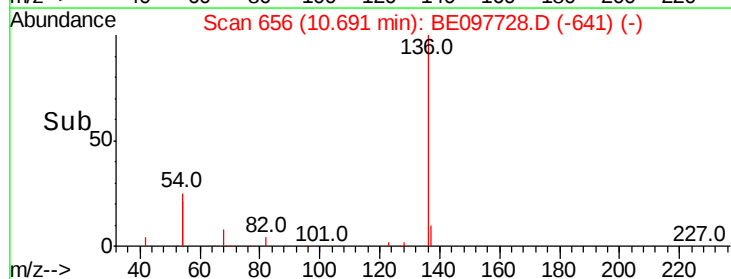
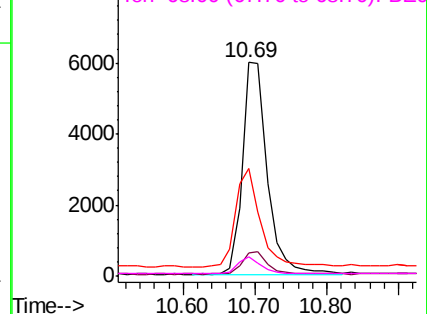
137 11.1 9.0 13.4

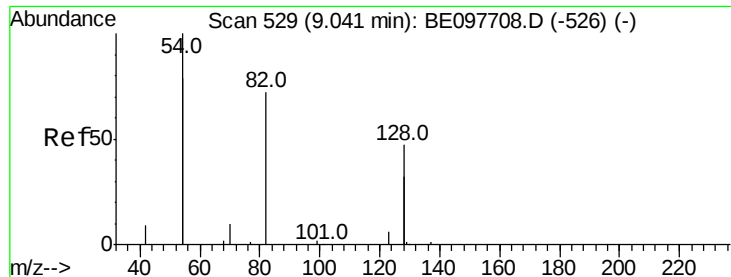
54 50.3 37.8 56.6

68 9.0 6.4 9.6



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: 0.584 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

PB113508BL

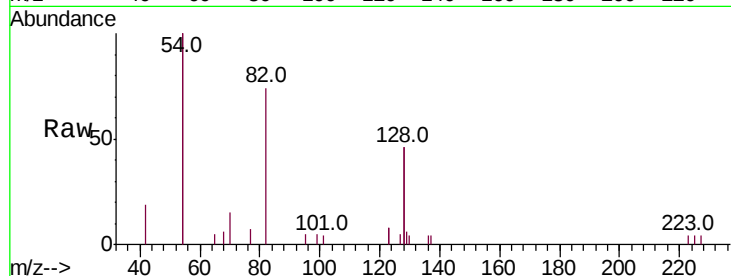
Tot Ion: 82 Resp: 2709

Ion Ratio Lower Upper

82 100

128 123.1 97.0 145.4

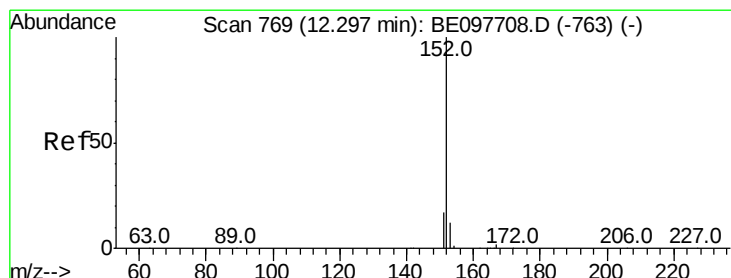
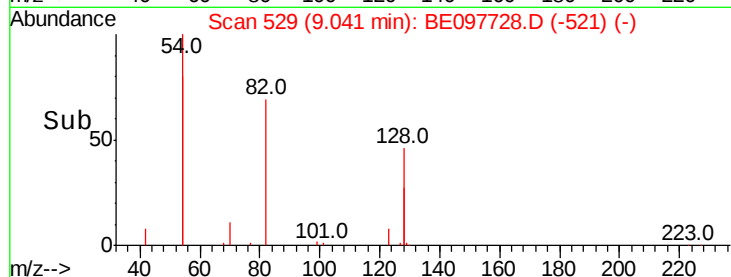
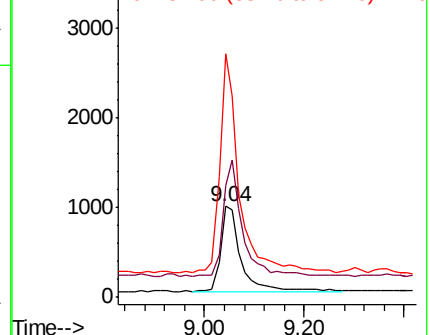
54 268.6 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE097728.D (-526) (-)

Ion 128.00 (127.70 to 128.70): BE097728.D (-526) (-)

Ion 54.00 (53.70 to 54.70): BE097728.D (-526) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097728.D

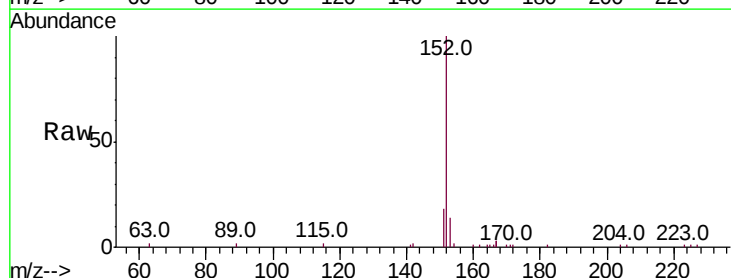
Acq: 4 Oct 2018 16:46

Tgt Ion: 152 Resp: 8248

Ion Ratio Lower Upper

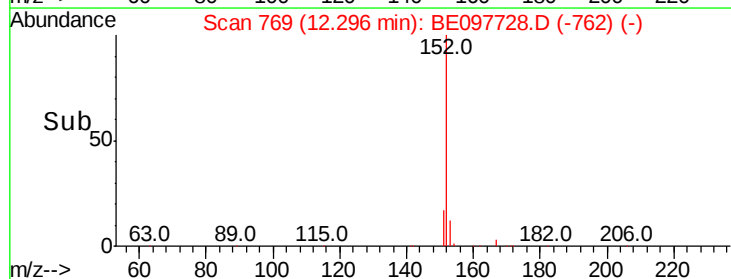
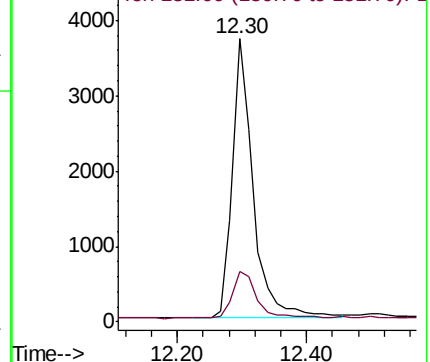
152 100

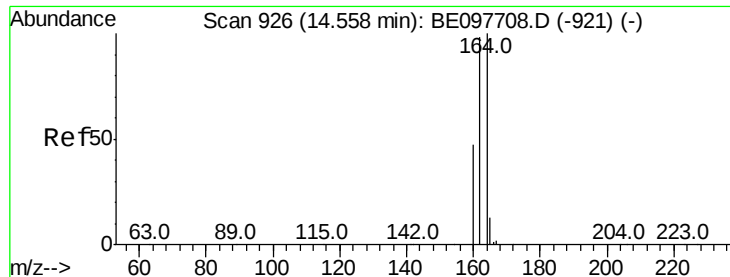
151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BE097728.D (-763) (-)

Ion 151.00 (150.70 to 151.70): BE097728.D (-763) (-)

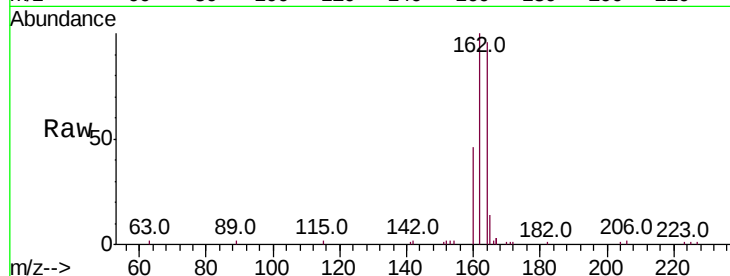




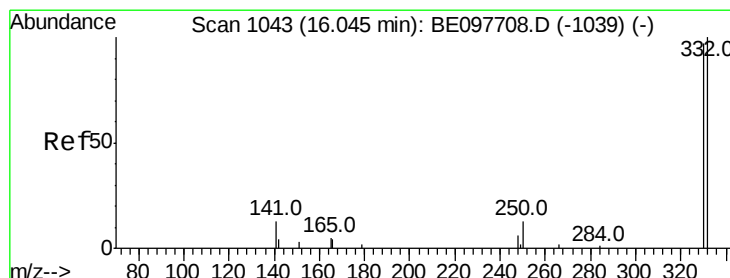
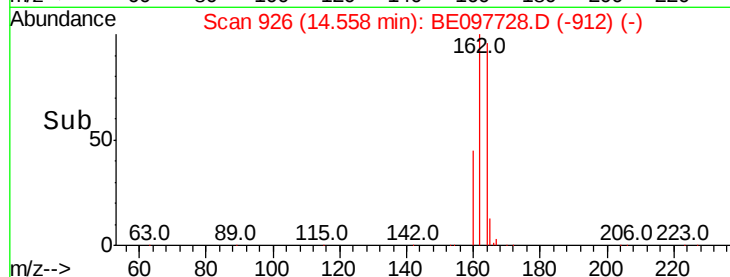
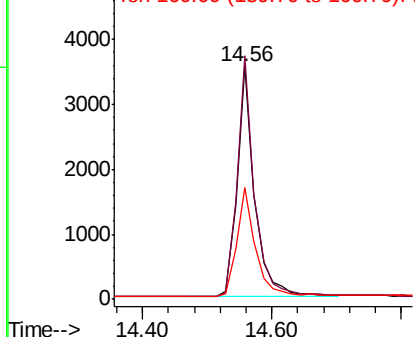
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097728.D
Acq: 4 Oct 2018 16:46

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tot Ion:164 Resp: 6558
Ion Ratio Lower Upper
164 100
162 104.5 78.6 117.8
160 48.1 37.8 56.6

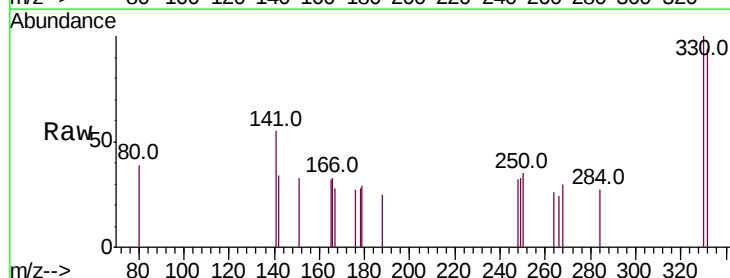


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

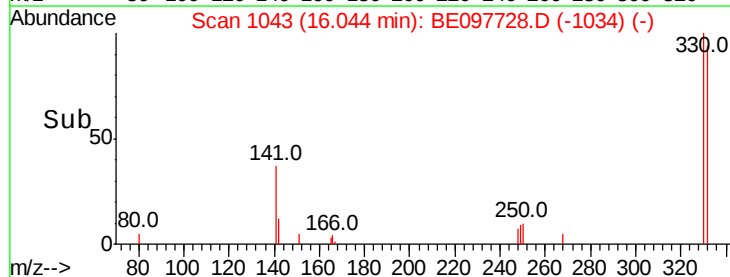
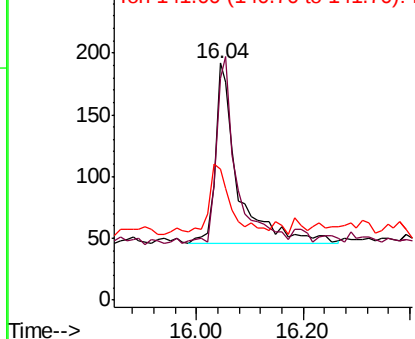


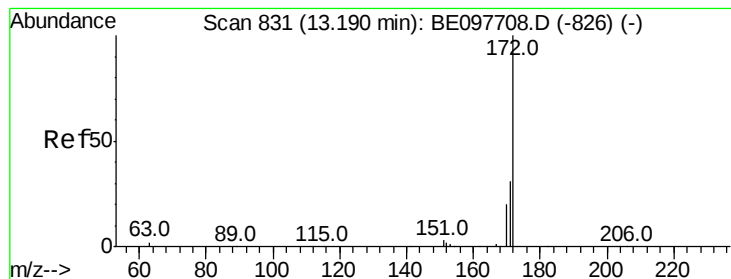
#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097728.D
Acq: 4 Oct 2018 16:46

Tgt Ion:330 Resp: 434
Ion Ratio Lower Upper
330 100
332 90.8 83.5 125.3
141 0.0 34.9 52.3#



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



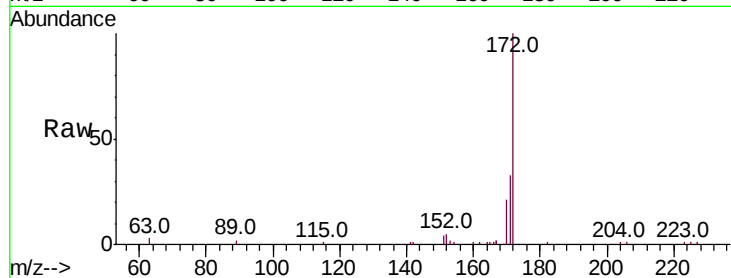


#15
 2-Fluorobiphenyl
 Concen: 0.442 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

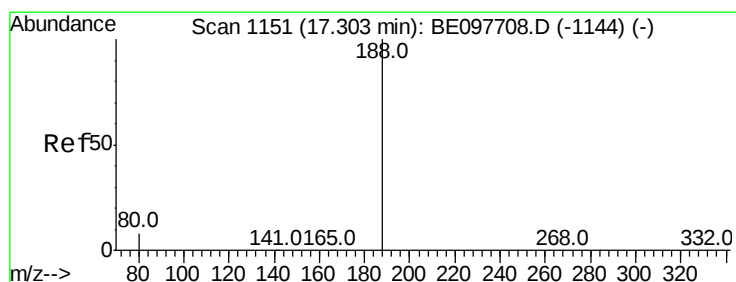
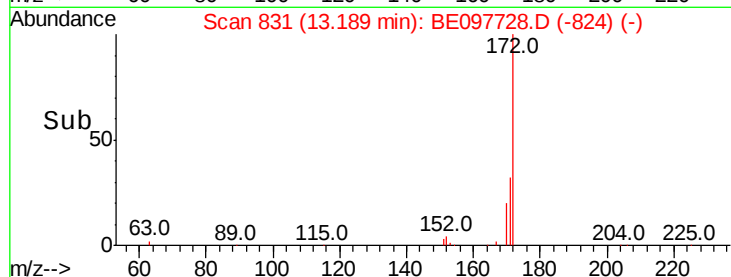
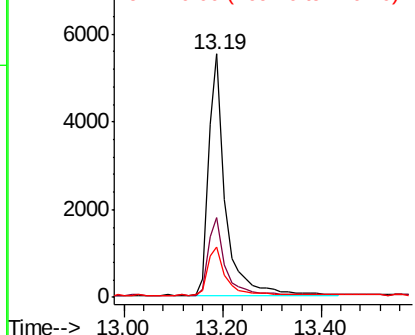
Instrument :
 BNA_E
 ClientSampleId :
 PB113508BL

Tot Ion:172 Resp: 12768

Ion	Ratio	Lower	Upper
172	100		
171	32.7	25.2	37.8
170	20.8	16.2	24.2



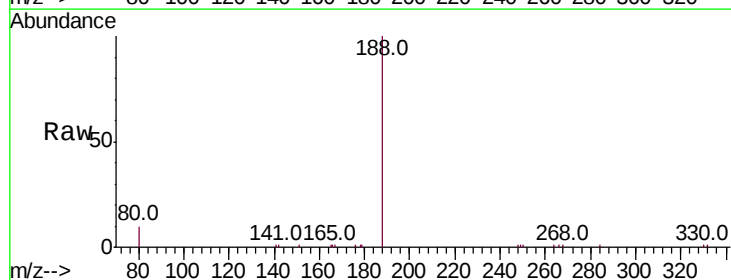
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



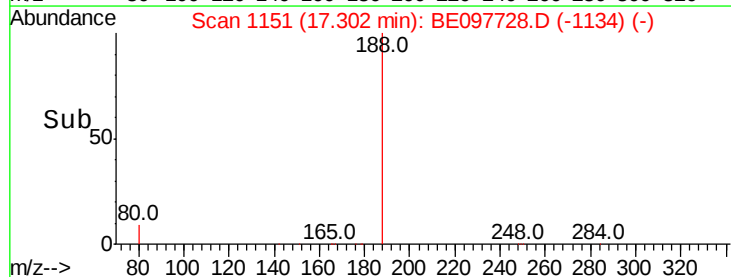
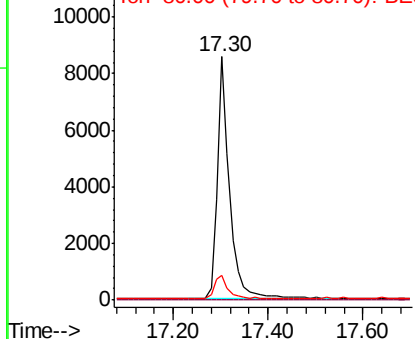
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.30 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

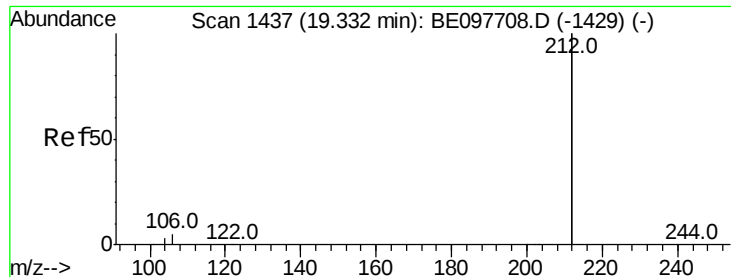
Tgt Ion:188 Resp: 15497

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	6.6	9.8



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: 0.362 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

PB113508BL

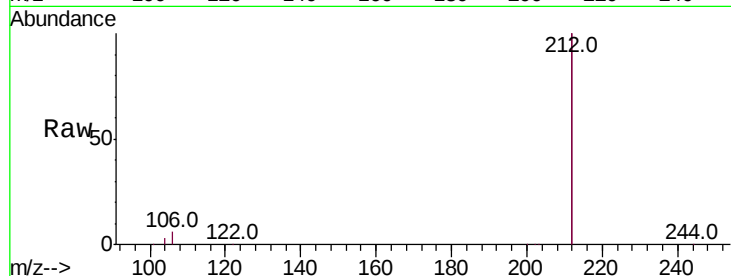
Tot Ion:212 Resp: 71050

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

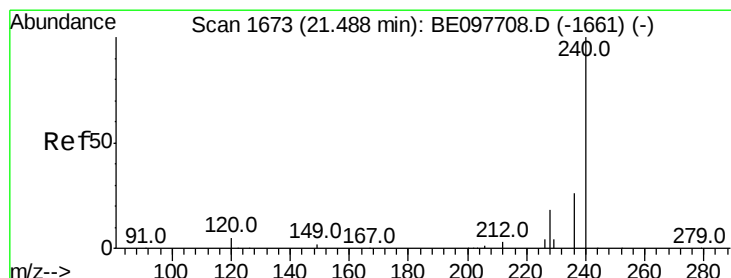
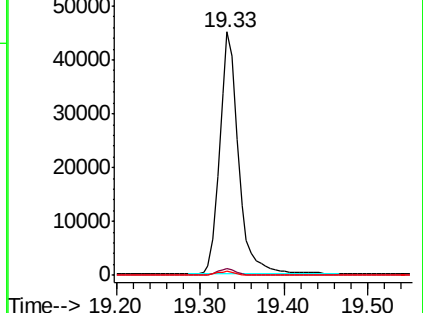
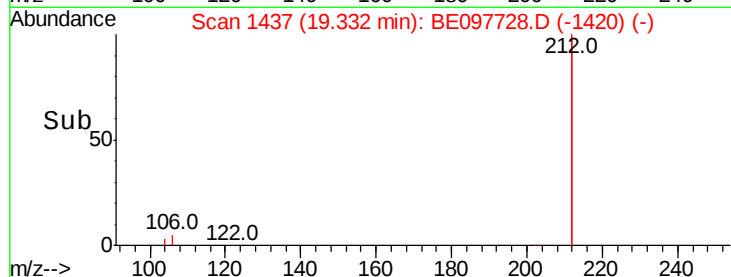
104 1.5 1.2 1.8



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: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

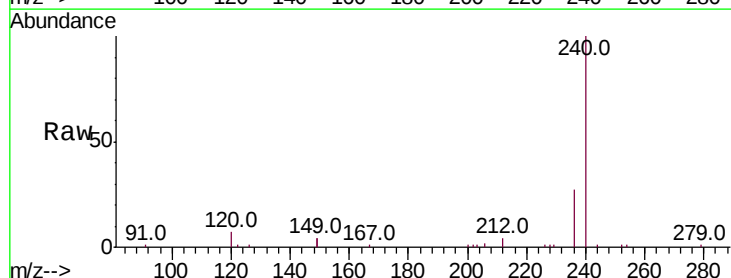
Tgt Ion:240 Resp: 15741

Ion Ratio Lower Upper

240 100

120 7.0 4.7 7.1

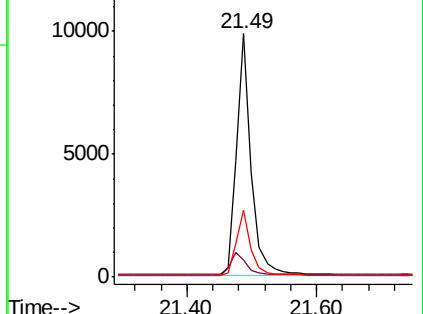
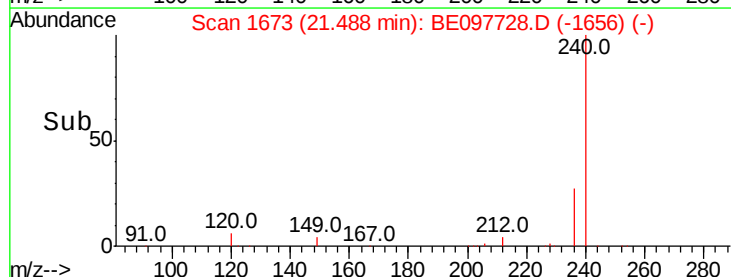
236 27.5 20.8 31.2

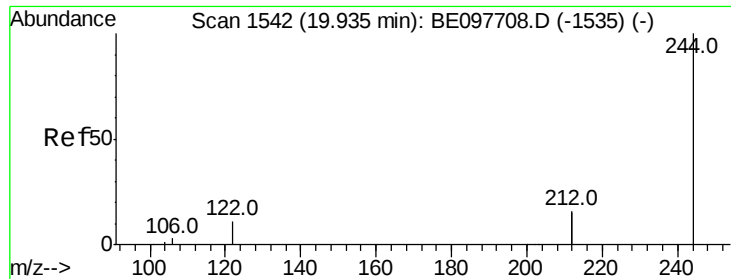


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

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PB113508BL

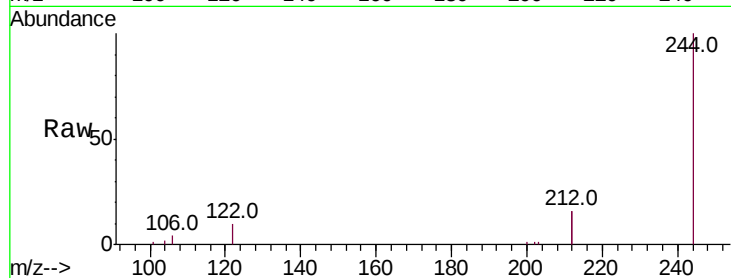
Tot Ion:244 Resp: 12339

Ion Ratio Lower Upper

244 100

212 32.3 25.8 38.8

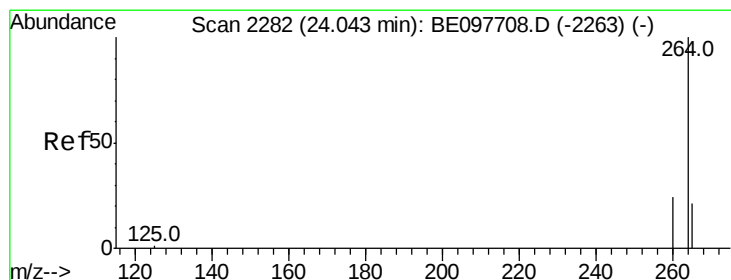
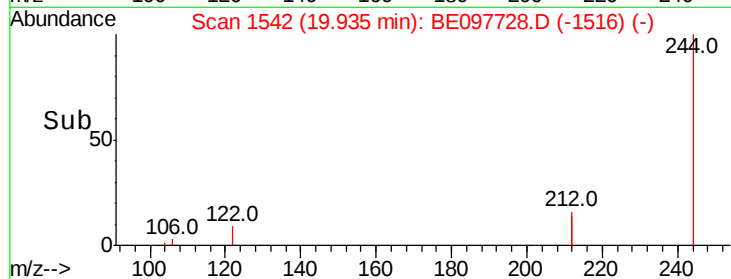
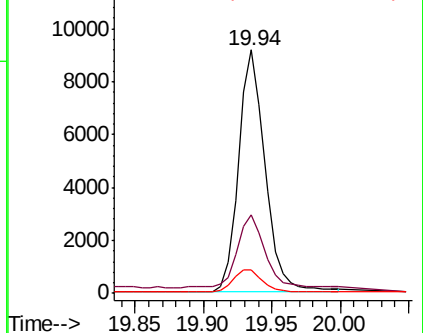
122 9.6 8.7 13.1



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: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

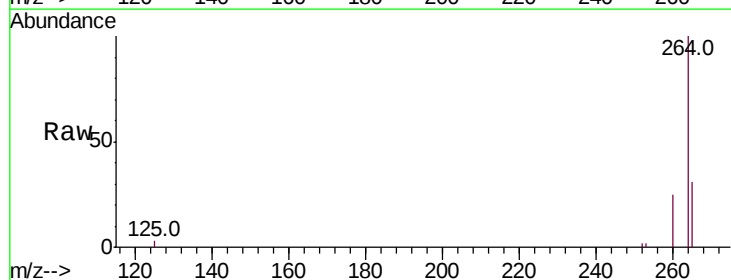
Tgt Ion:264 Resp: 16263

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 31.4 21.9 32.9



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

