

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099281.D
 Acq On : 2 Apr 2019 19:28
 Operator : JU/SJ
 Sample : PB117507BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Quant Time: Apr 03 05:29:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3413	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	11626	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	6664	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	17691	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	21106	0.40	ng	-0.02
34) Perylene-d12	23.86	264	24424	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3333	0.37	ng	-0.01
5) Phenol-d6	6.98	99	4180	0.34	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2920	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.20	152	6603	0.33	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	725	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	10633	0.41	ng	-0.01
25) Fluoranthene-d10	19.22	212	73577	0.32	ng	-0.02
29) Terphenyl-d14	19.82	244	14875	0.39	ng	-0.02

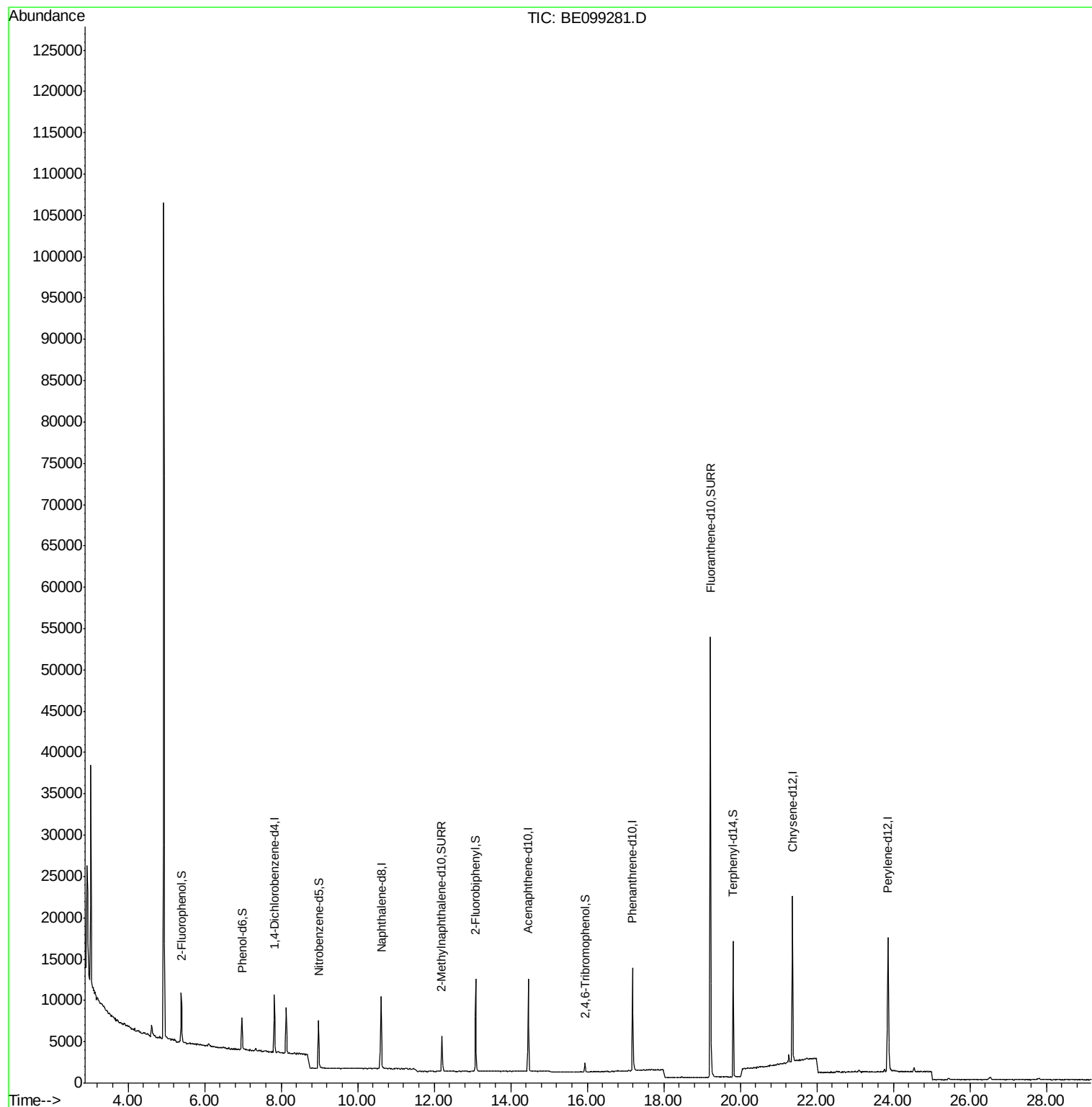
Target Compounds	Qvalue
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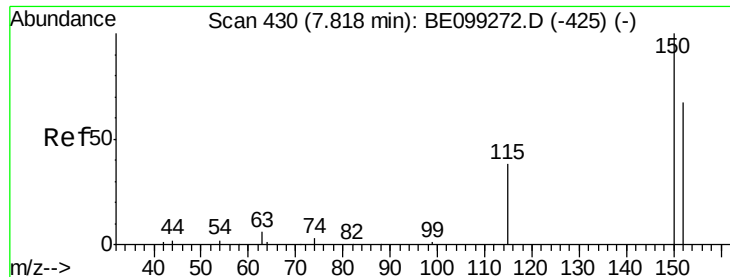
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099281.D

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Instrument :

BNA_E

ClientSampleId :

PB117507BL

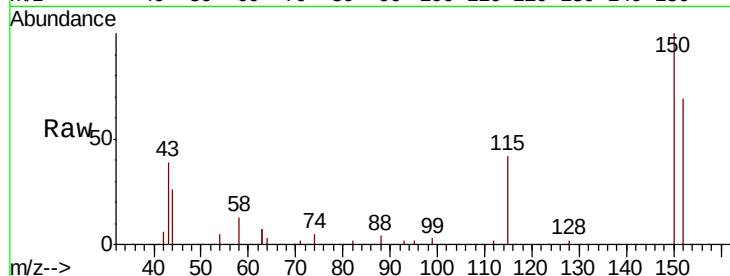
Tot Ion:152 Resp: 3413

Ion Ratio Lower Upper

152 100

150 145.8 112.8 169.2

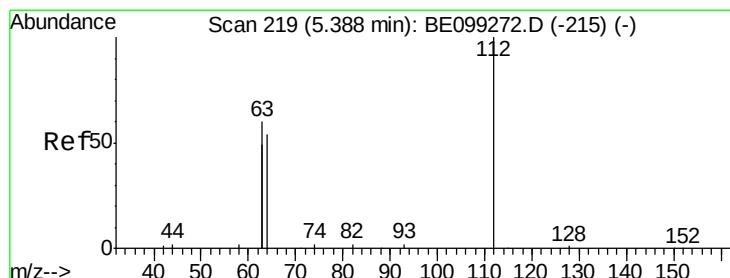
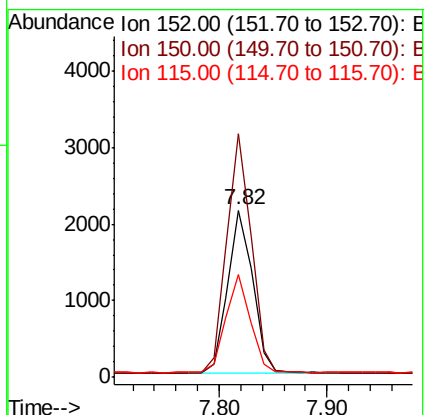
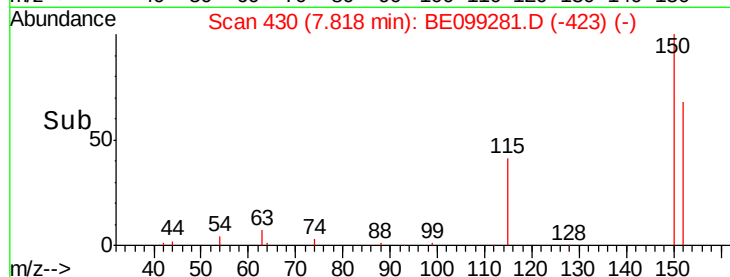
115 61.9 45.1 67.7



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: 0.367 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

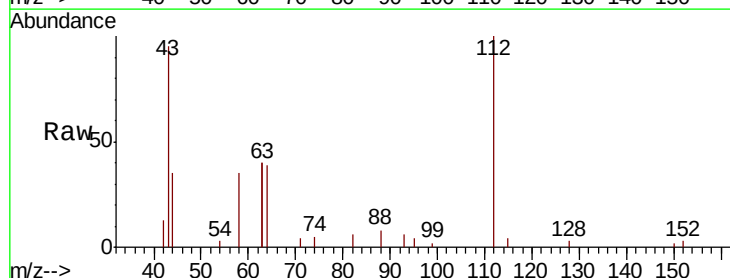
Tgt Ion:112 Resp: 3333

Ion Ratio Lower Upper

112 100

64 54.3 46.2 69.2

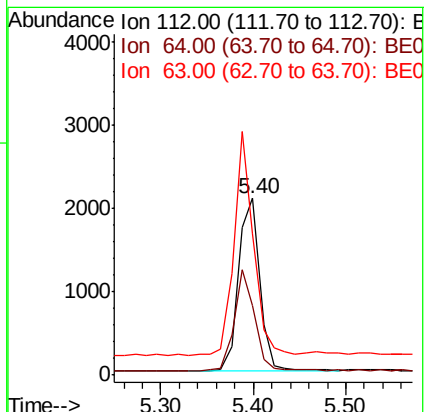
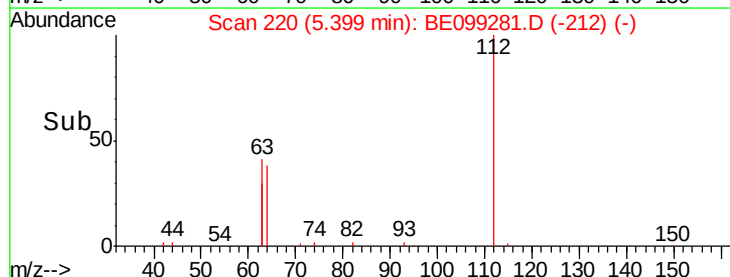
63 116.7 89.9 134.9

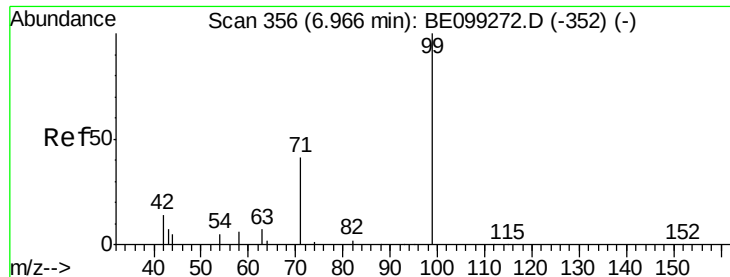


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

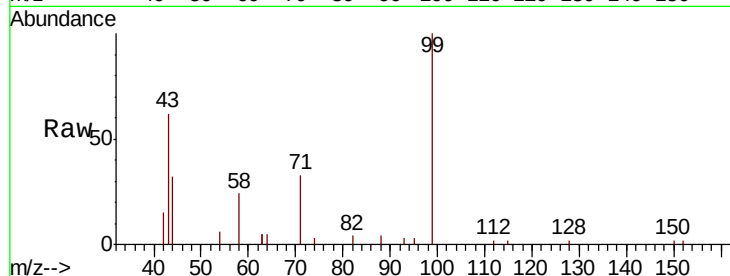
Tot Ion: 99 Resp: 4180

Ion Ratio Lower Upper

99 100

42 13.2 12.4 18.6

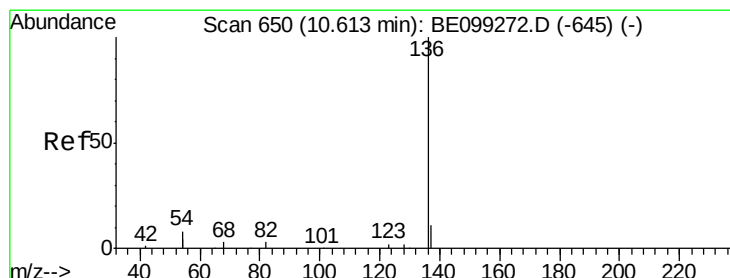
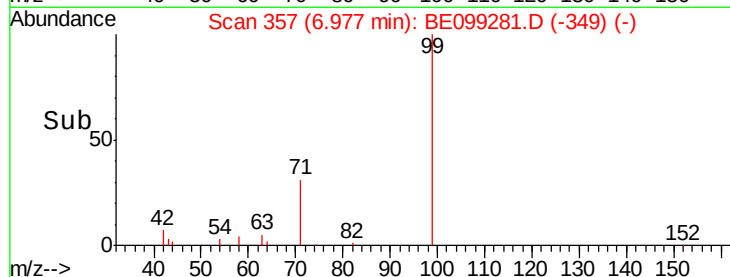
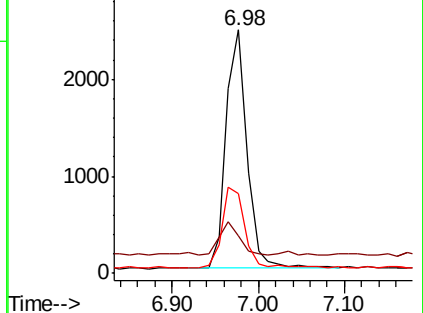
71 36.3 28.4 42.6



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: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Tgt Ion: 136 Resp: 11626

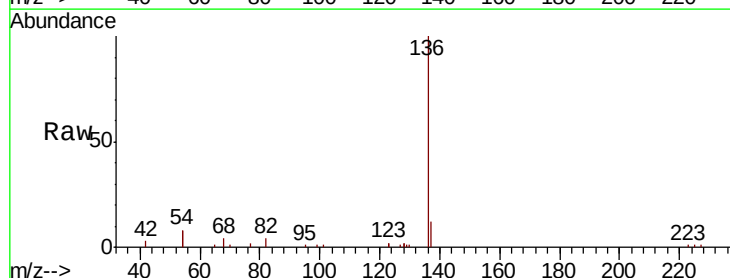
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 16.7 18.7 28.1#

68 4.4 5.2 7.8#

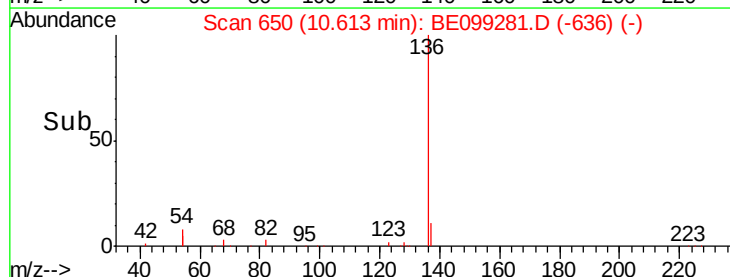
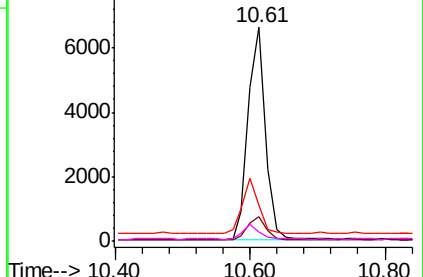


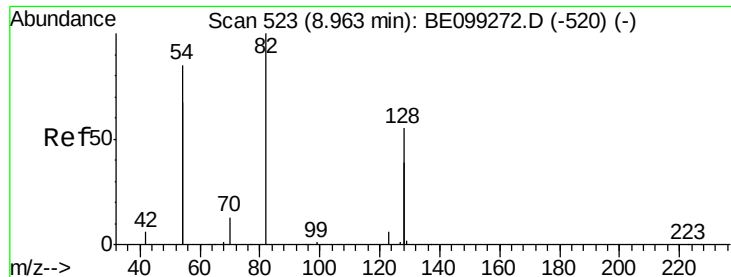
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

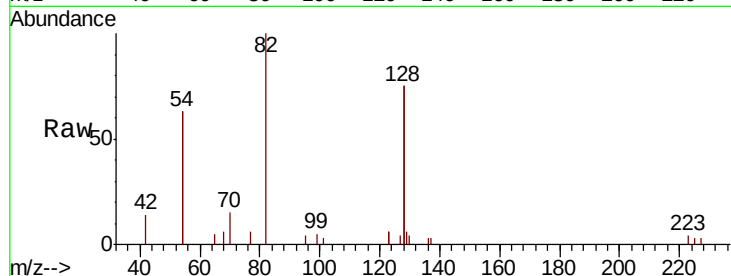
Tot Ion: 82 Resp: 2920

Ion Ratio Lower Upper

82 100

128 149.9 107.5 161.3

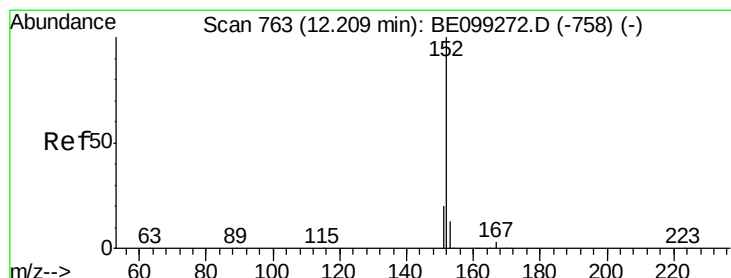
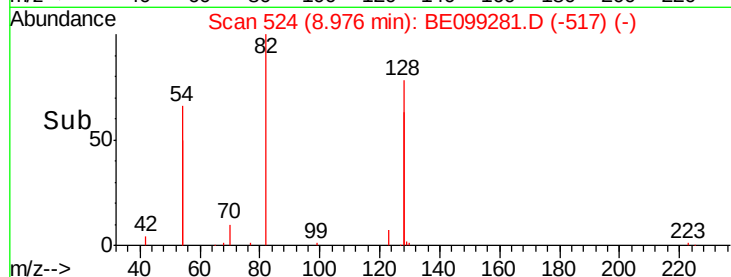
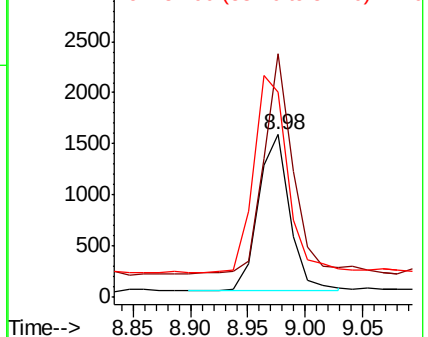
54 126.7 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.03 min

Lab File: BE099281.D

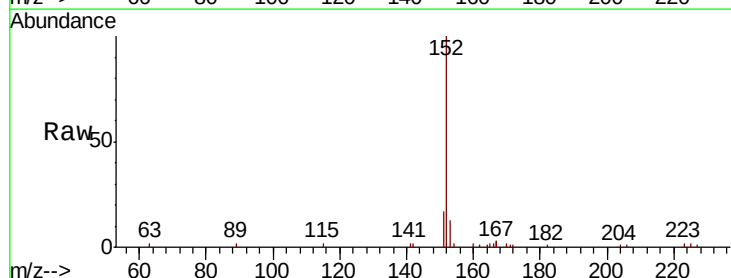
Acq: 2 Apr 2019 19:28

Tgt Ion: 152 Resp: 6603

Ion Ratio Lower Upper

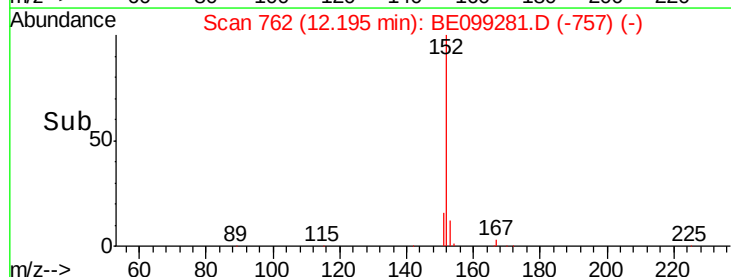
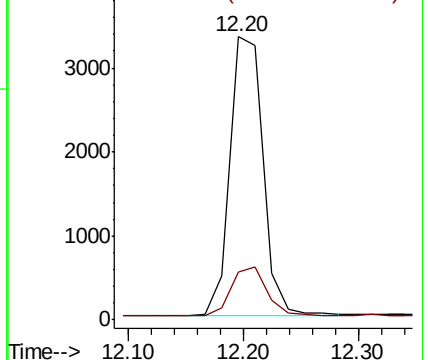
152 100

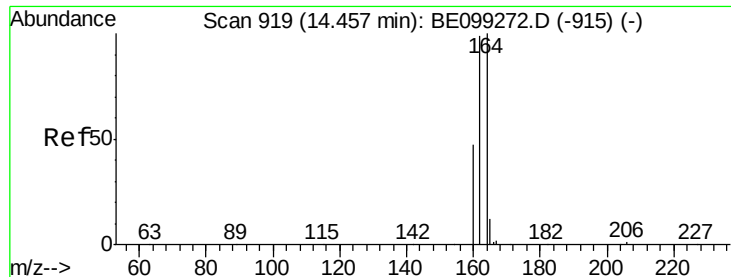
151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

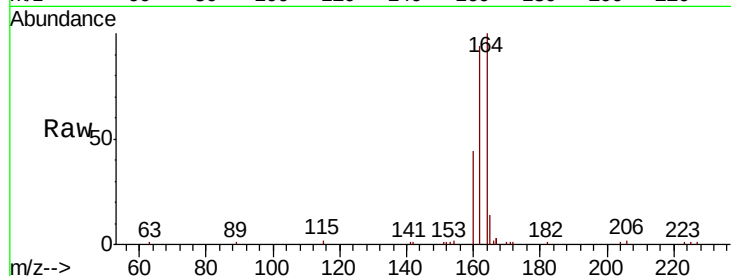




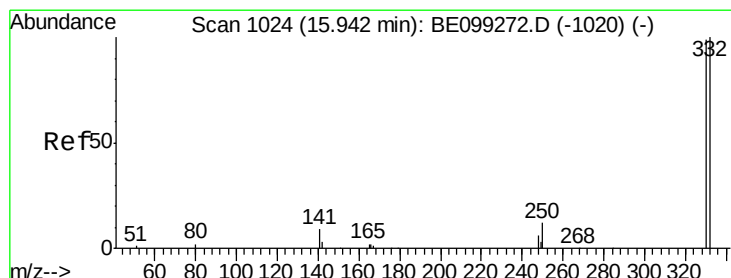
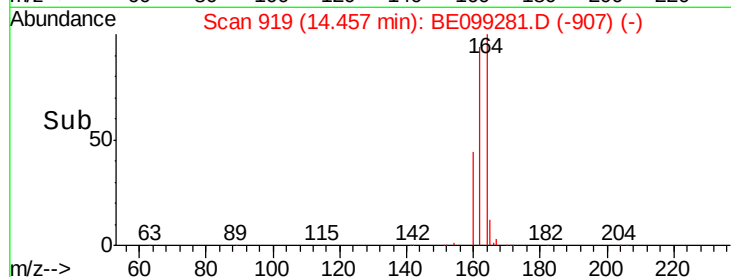
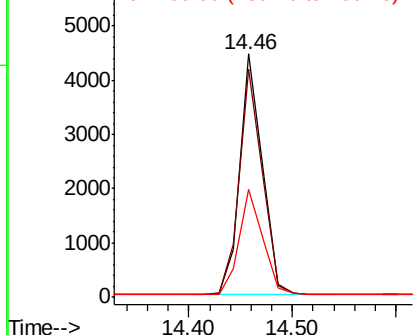
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Tot Ion:164 Resp: 6664
 Ion Ratio Lower Upper
 164 100
 162 94.0 79.2 118.8
 160 44.3 36.7 55.1

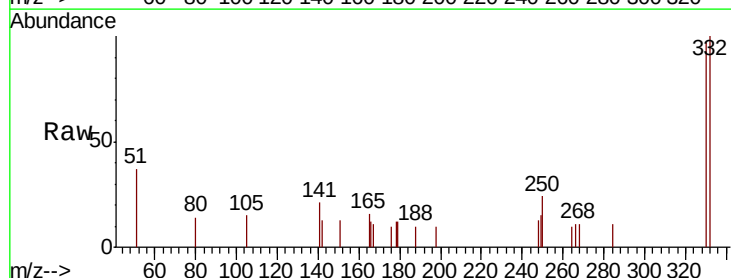


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

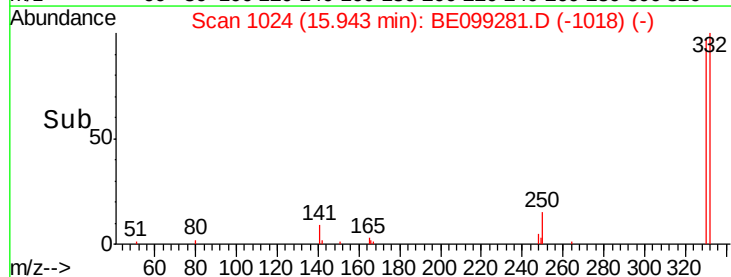
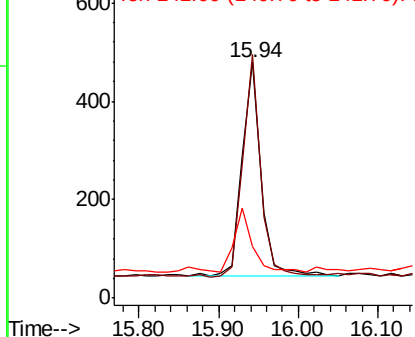


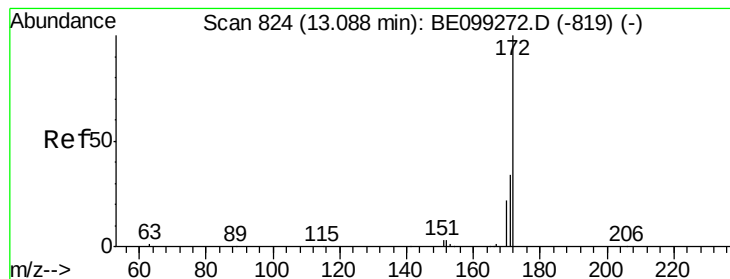
#14
 2,4,6-Tribromophenol
 Concen: 0.236 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099281.D
 Acq: 2 Apr 2019 19:28

Tgt Ion:330 Resp: 725
 Ion Ratio Lower Upper
 330 100
 332 96.6 71.3 106.9
 141 28.4 21.7 32.5



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

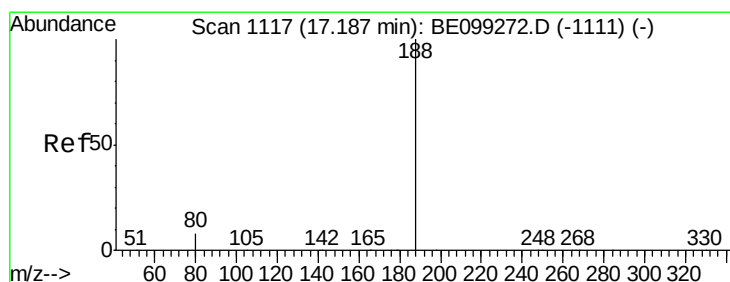
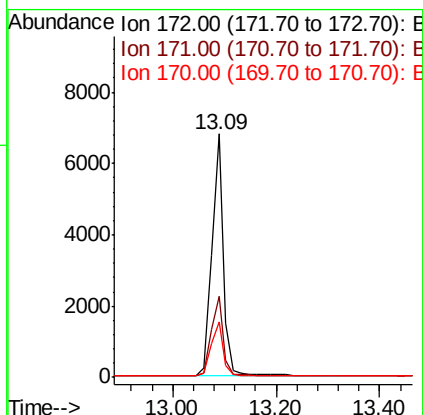
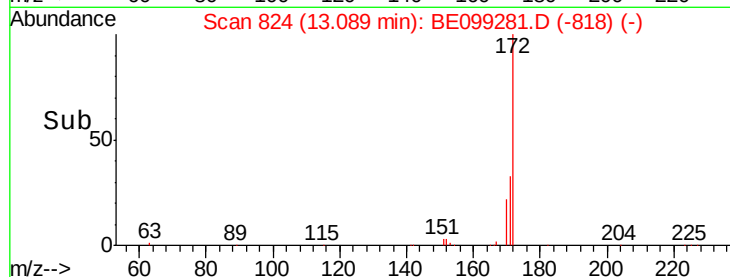
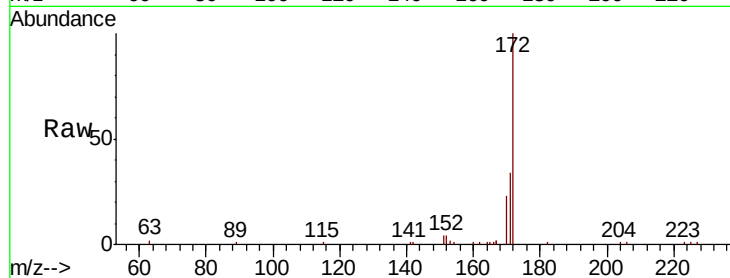




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099281.D
Acq: 2 Apr 2019 19:28

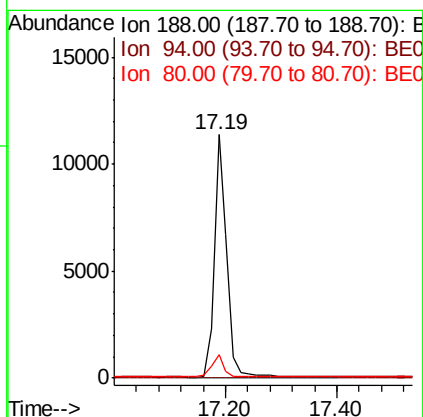
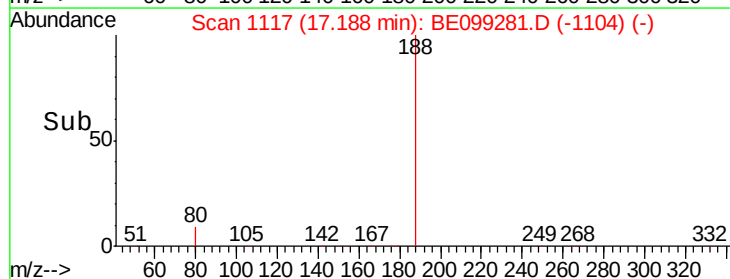
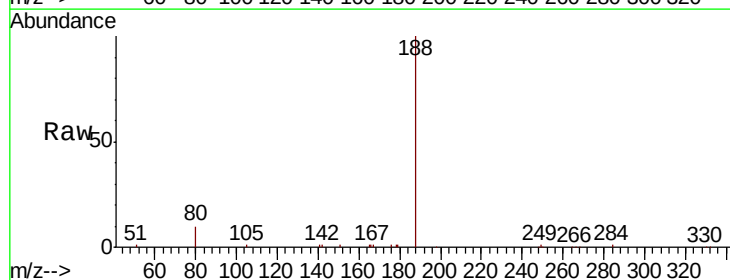
Instrument :
BNA_E
ClientSampleId :
PB117507BL

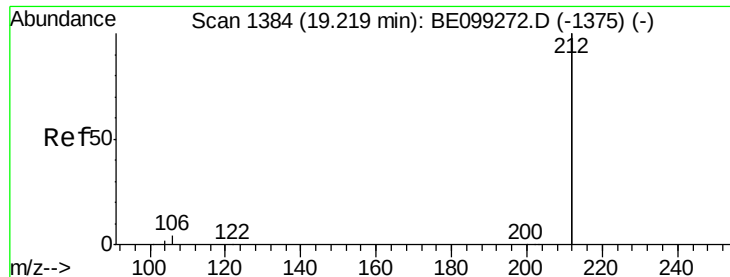
Tot Ion:172 Resp: 10633
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 22.8 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099281.D
Acq: 2 Apr 2019 19:28

Tgt Ion:188 Resp: 17691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

Instrument :

BNA_E

ClientSampleId :

PB117507BL

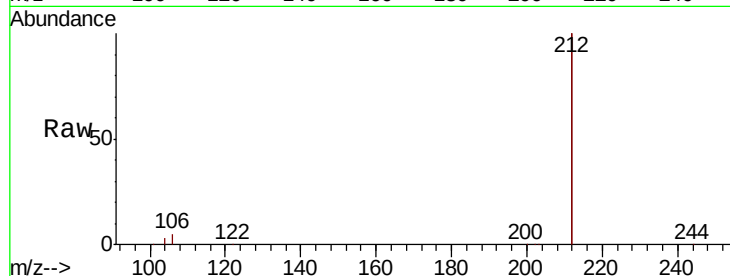
Tot Ion:212 Resp: 73577

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

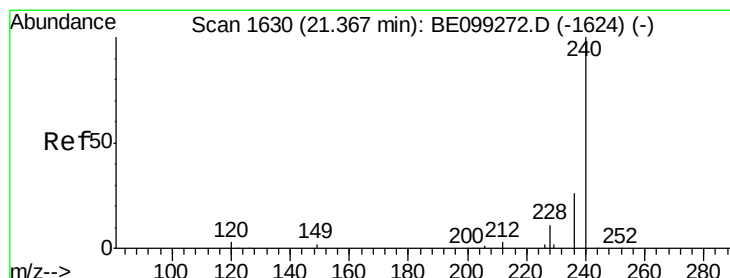
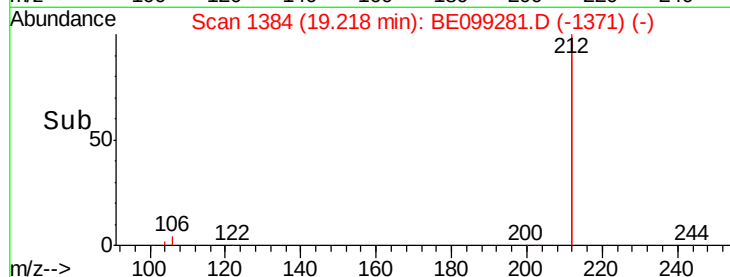
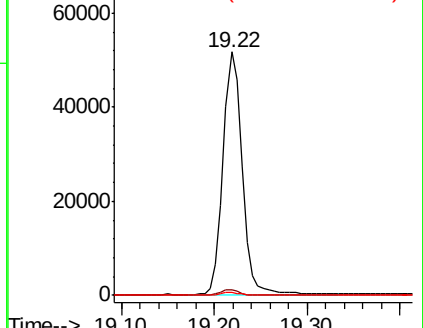
104 1.3 1.1 1.7



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

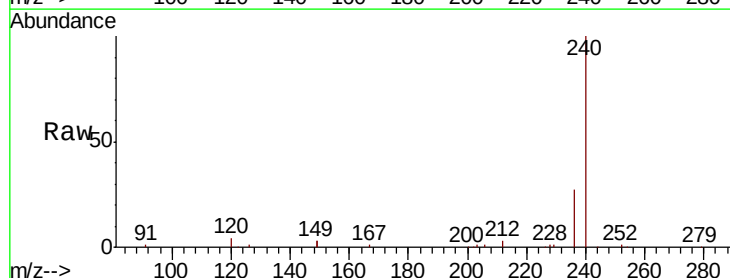
Tgt Ion:240 Resp: 21106

Ion Ratio Lower Upper

240 100

120 3.7 2.6 3.8

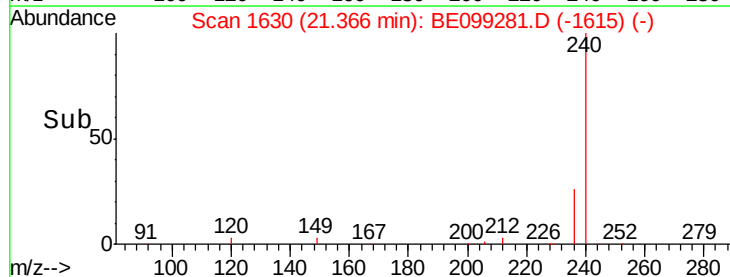
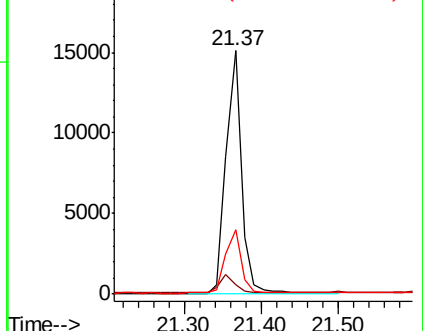
236 26.6 20.9 31.3

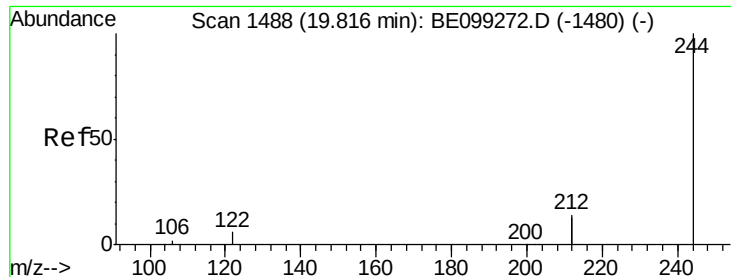


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

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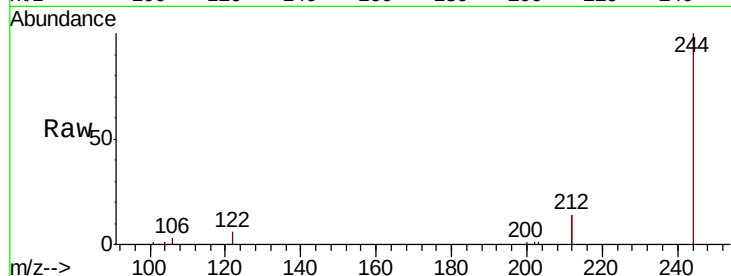
Tot Ion:244 Resp: 14875

Ion Ratio Lower Upper

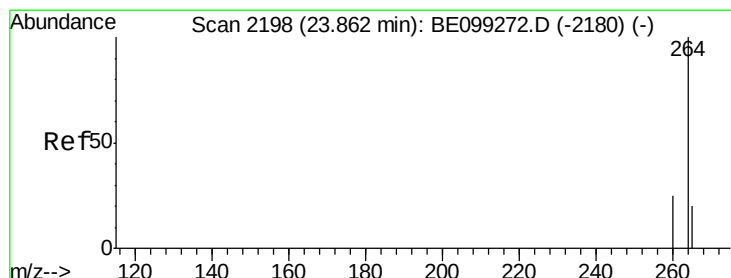
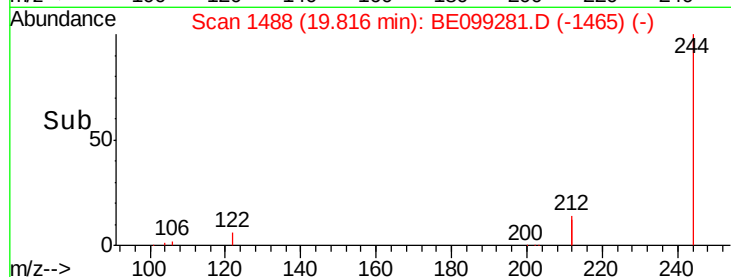
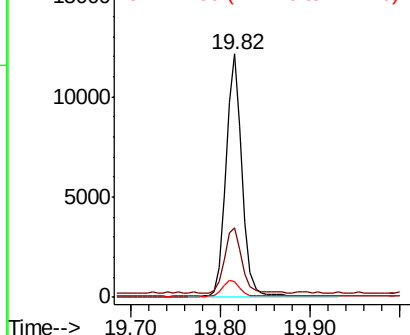
244 100

212 28.6 22.7 34.1

122 6.5 5.8 8.6



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: 23.86 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BE099281.D

Acq: 2 Apr 2019 19:28

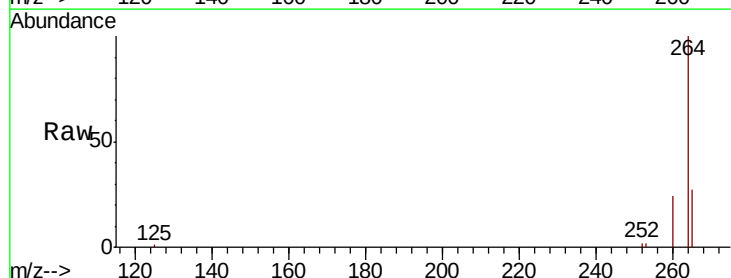
Tgt Ion:264 Resp: 24424

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 26.9 21.8 32.8



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

