

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE112918\
 Data File : BE098279.D
 Acq On : 29 Nov 2018 18:17
 Operator : SJ/JU
 Sample : J6047-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EP2-FD-02

Quant Time: Nov 30 01:41:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1527	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6651	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4526	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	12652	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12567	0.40	ng	0.00
34) Perylene-d12	24.02	264	10886	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	842	0.21	ng	0.01
5) Phenol-d6	7.05	99	838	0.15	ng	0.00
8) Nitrobenzene-d5	9.02	82	2801	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4666	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	1180	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	9285	0.50	ng	0.00
25) Fluoranthene-d10	19.31	212	79913	0.47	ng	0.00
29) Terphenyl-d14	19.91	244	17153	0.61	ng	0.00

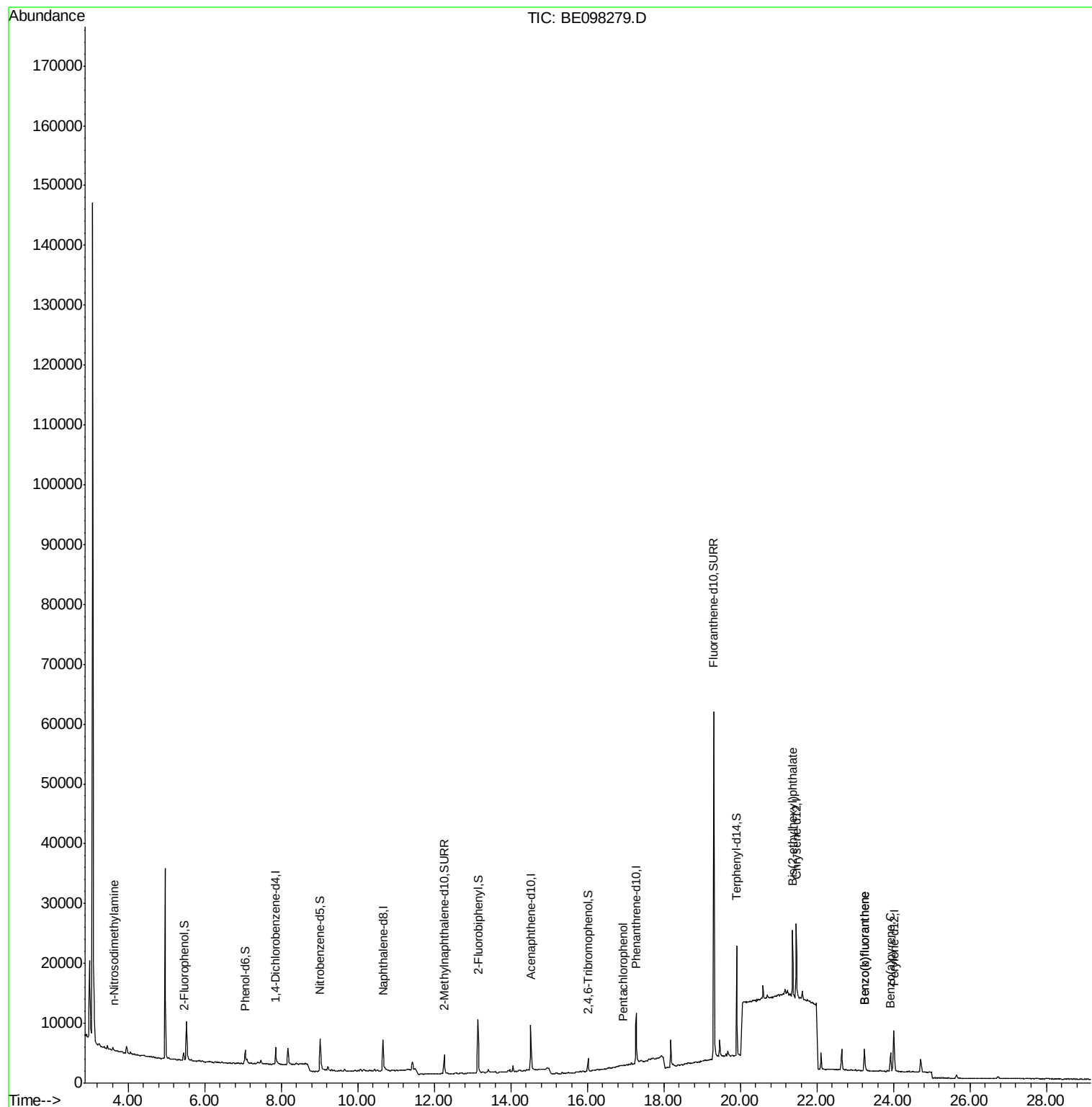
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	55	Below Cal		# 1
3) n-Nitrosodimethylamine	3.64	42	106	0.036	ng	# 100
22) Pentachlorophenol	16.93	266	53	0.111	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.36	149	12653	0.143	ng	# 97
35) Benzo(b)fluoranthene	23.25	252	849	0.027	ng	# 1
36) Benzo(k)fluoranthene	23.25	252	849	0.025	ng	# 1
37) Benzo(a)pyrene	23.93	252	659	0.021	ng	# 1

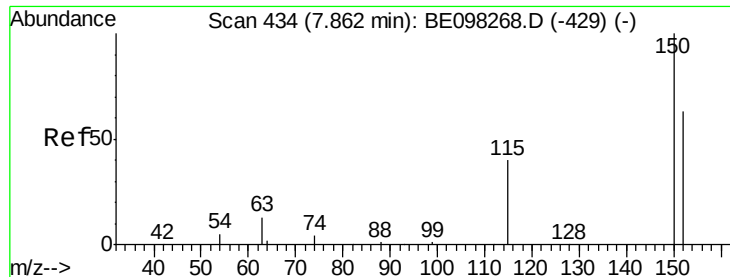
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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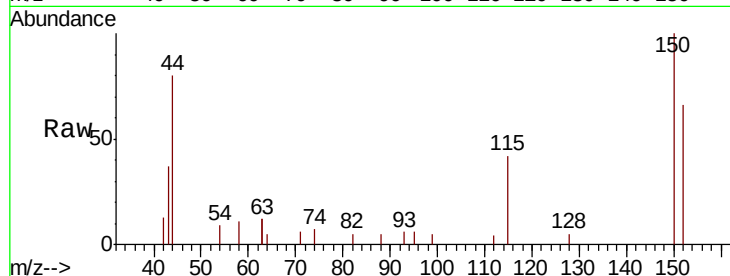


#1

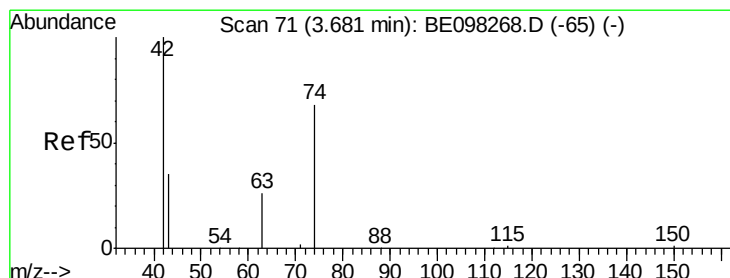
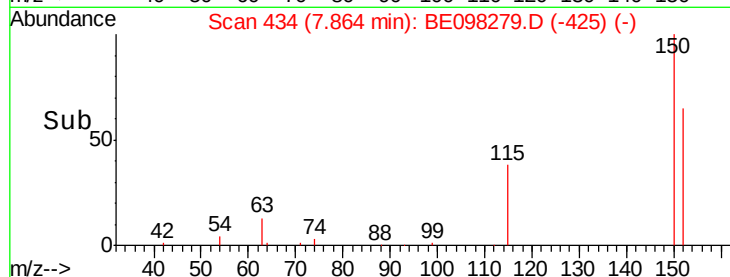
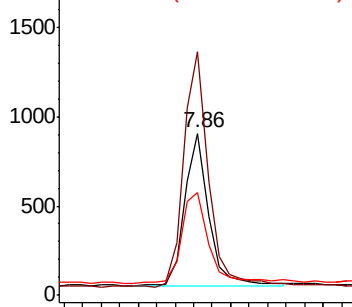
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098279.D
Acq: 29 Nov 2018 18:17

Instrument :
BNA_E
ClientSampleId :
EP2-FD-02

Tgt Ion:152 Resp: 1527
Ion Ratio Lower Upper
152 100
150 150.4 124.2 186.4
115 63.8 53.9 80.9



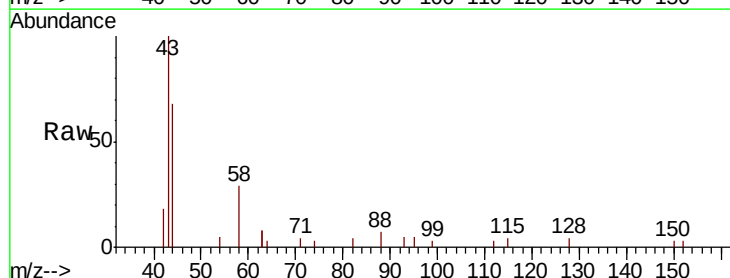
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



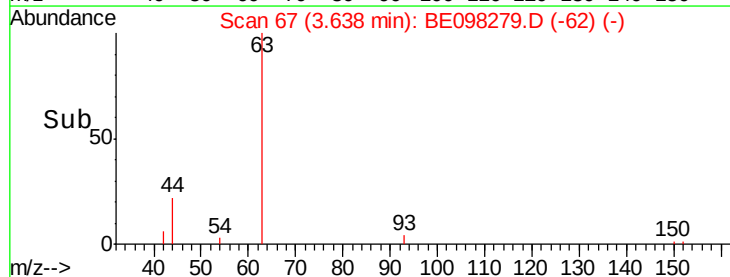
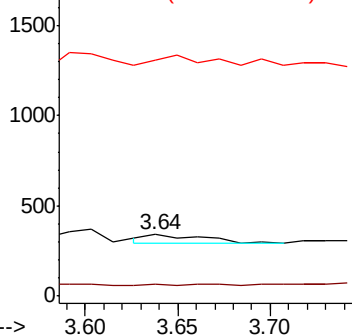
#3

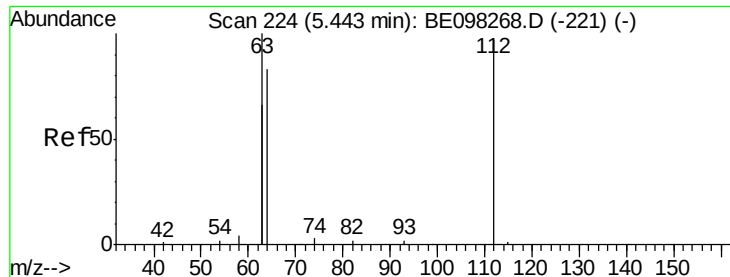
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.04 min
Lab File: BE098279.D
Acq: 29 Nov 2018 18:17

Tgt Ion: 42 Resp: 106
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

Instrument :

BNA_E

ClientSampled :

EP2-FD-02

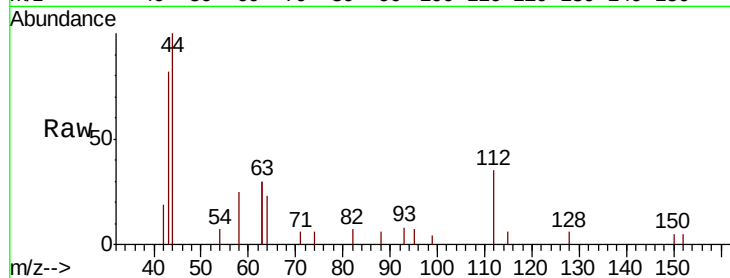
Tgt Ion: 112 Resp: 842

Ion Ratio Lower Upper

112 100

64 75.1 59.8 89.8

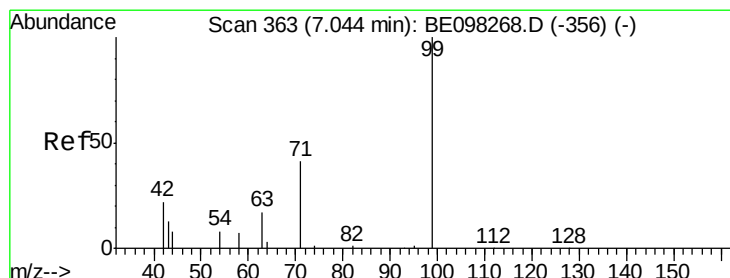
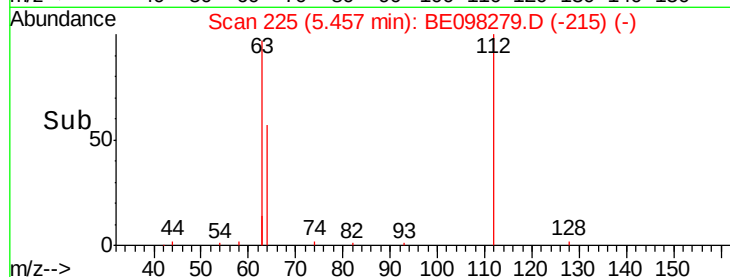
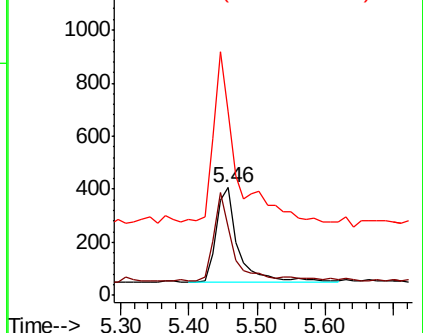
63 173.6 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.146 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

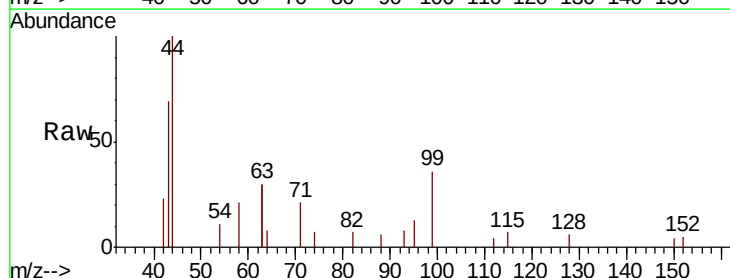
Tgt Ion: 99 Resp: 838

Ion Ratio Lower Upper

99 100

42 51.7 26.3 39.5#

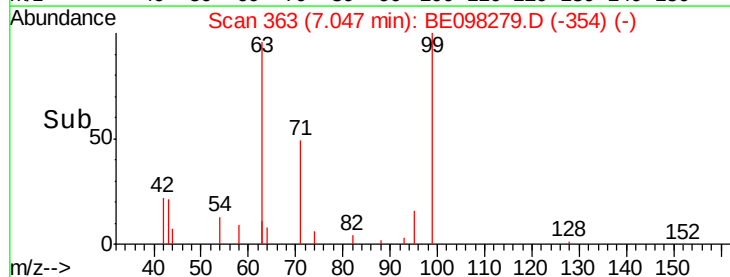
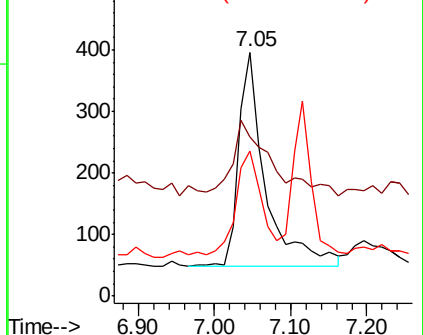
71 47.4 33.6 50.4

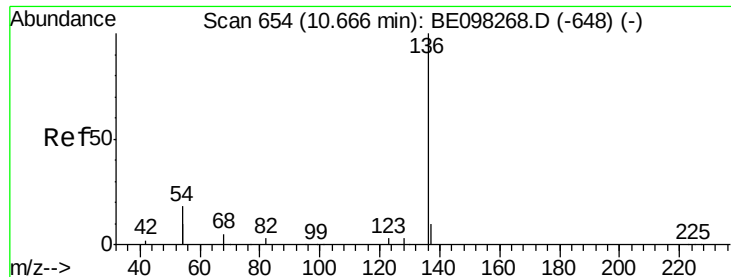


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098279.D

Acq: 29 Nov 2018 18:17

Instrument :

BNA_E

ClientSampled :

EP2-FD-02

Tgt Ion:136 Resp: 6651

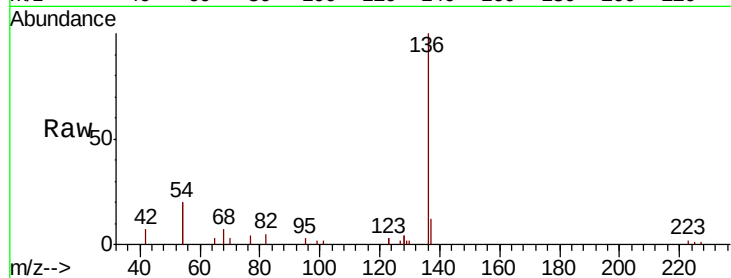
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 40.8 28.4 42.6

68 7.1 5.4 8.0

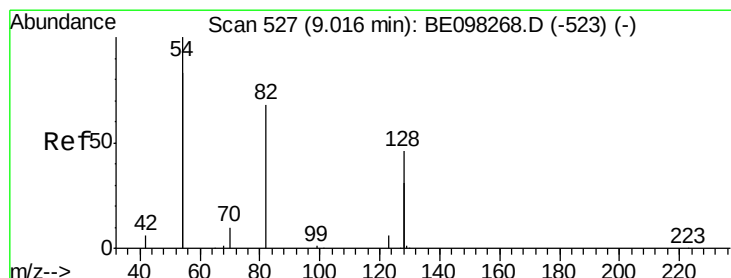
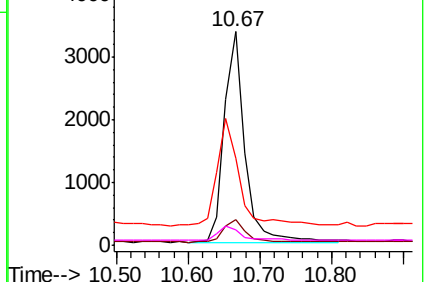
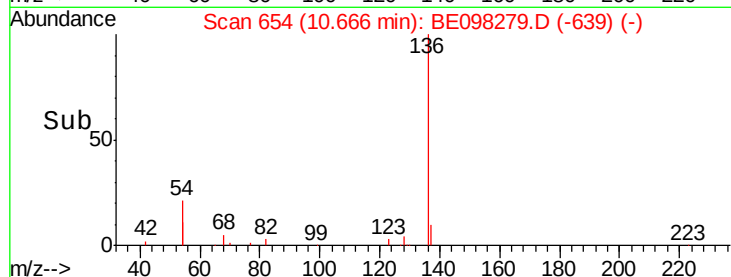


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.416 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

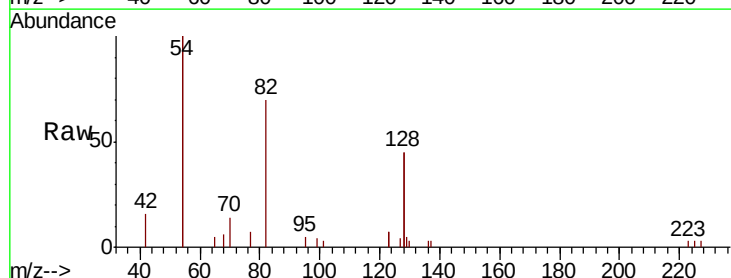
Tgt Ion: 82 Resp: 2801

Ion Ratio Lower Upper

82 100

128 128.4 102.4 153.6

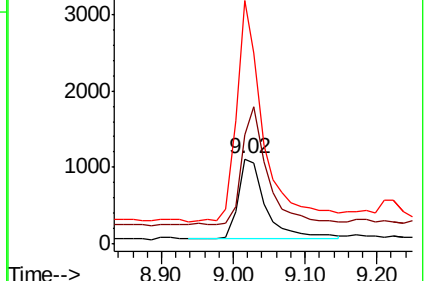
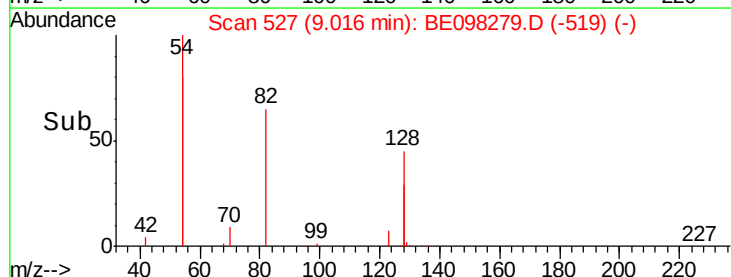
54 284.8 221.8 332.8

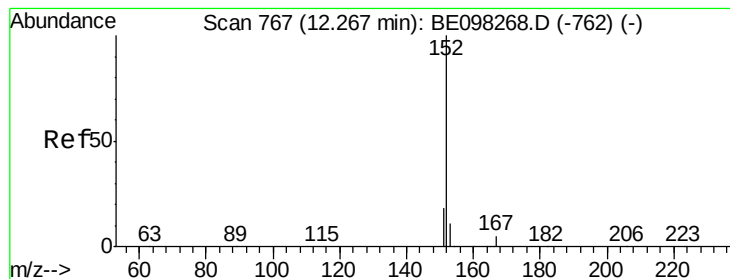


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

Instrument :

BNA_E

ClientSampleId :

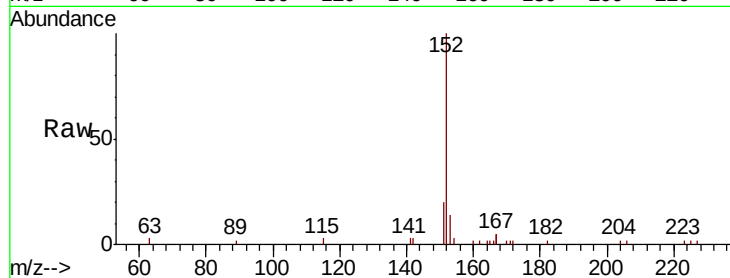
EP2-FD-02

Tgt Ion:152 Resp: 4666

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

2500

2000

1500

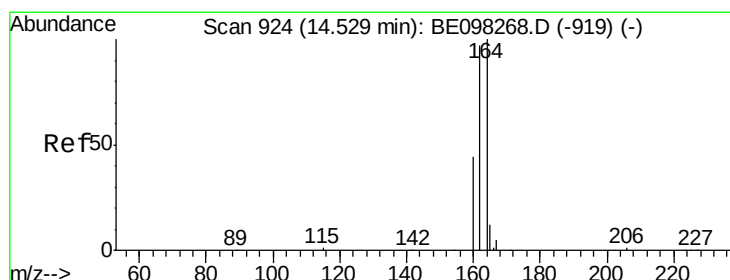
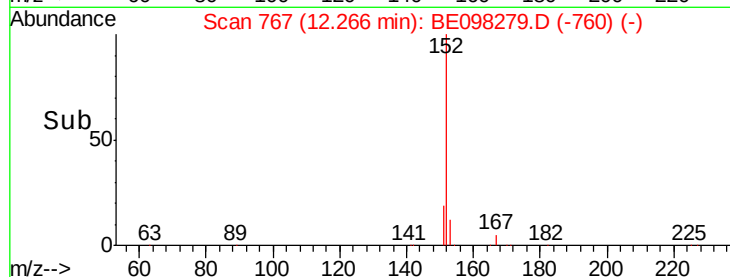
1000

500

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

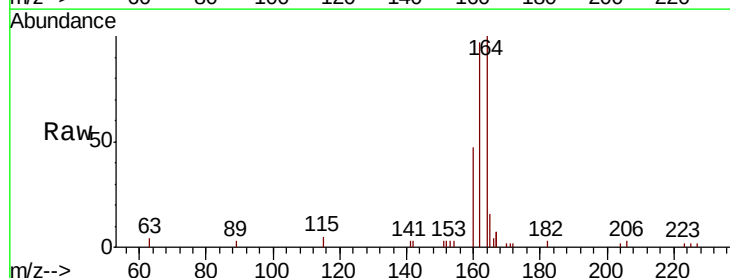
Tgt Ion:164 Resp: 4526

Ion Ratio Lower Upper

164 100

162 97.5 77.6 116.4

160 47.3 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

14.53

4000

3000

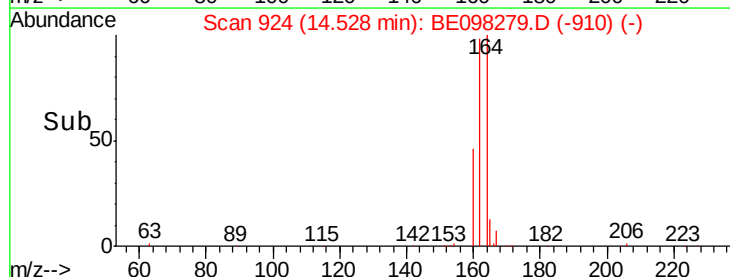
2000

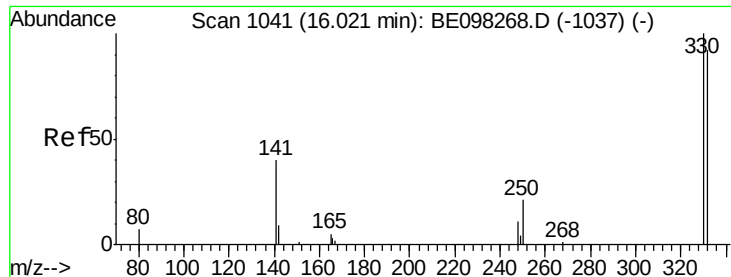
1000

0

14.40 14.50 14.60

Time-->

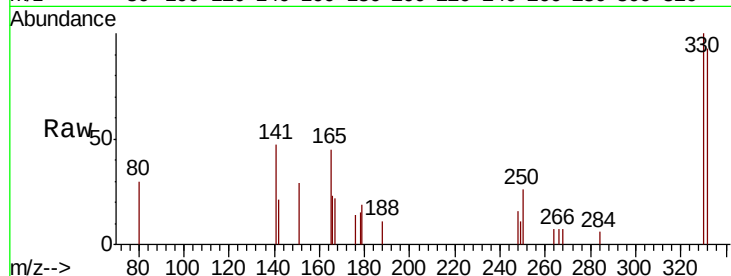




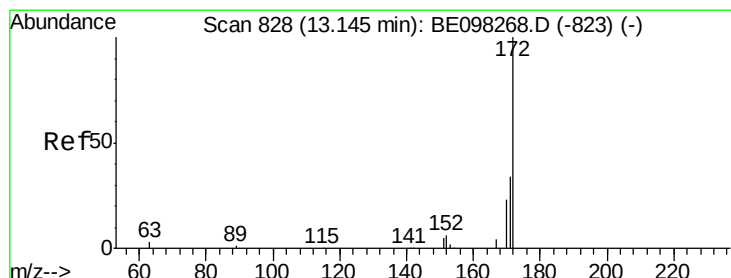
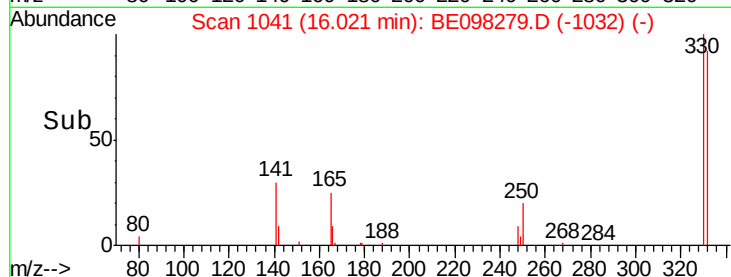
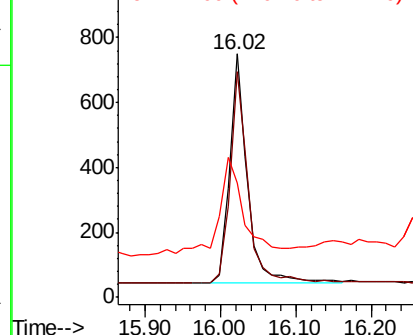
#14
 2,4,6-Tribromophenol
 Concen: 0.550 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098279.D
 Acq: 29 Nov 2018 18:17

Instrument :
 BNA_E
 ClientSampleId :
 EP2-FD-02

Tgt Ion: 330 Resp: 1180
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 54.2 39.0 58.4

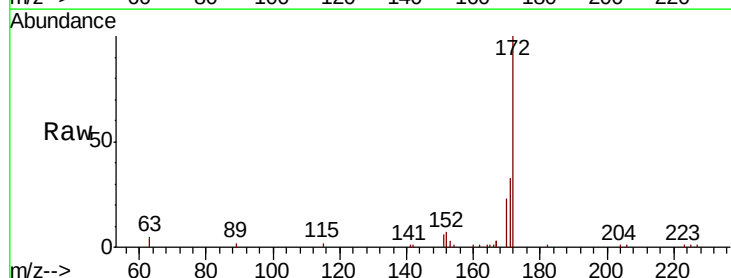


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

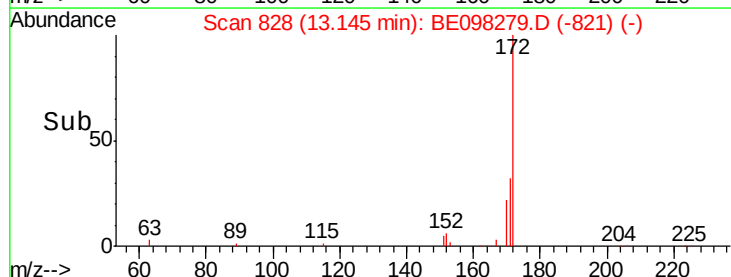
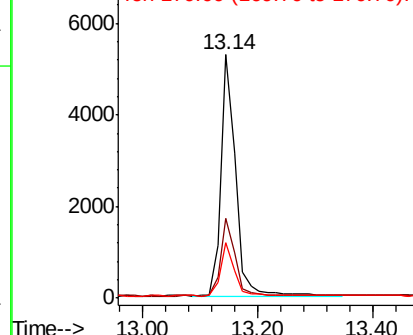


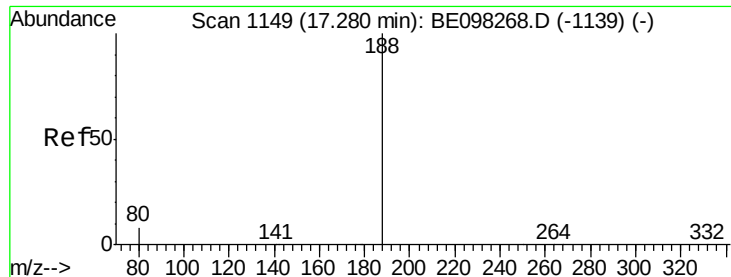
#15
 2-Fluorobiphenyl
 Concen: 0.495 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098279.D
 Acq: 29 Nov 2018 18:17

Tgt Ion: 172 Resp: 9285
 Ion Ratio Lower Upper
 172 100
 171 32.9 27.5 41.3
 170 23.0 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: BE098279.D

Acq: 29 Nov 2018 18:17

Instrument :

BNA_E

ClientSampleId :

EP2-FD-02

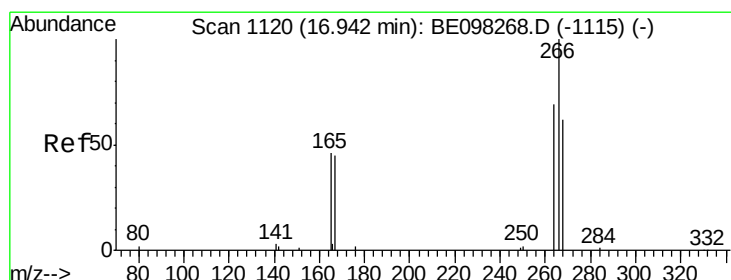
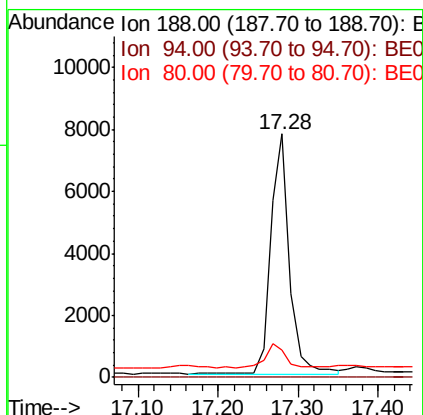
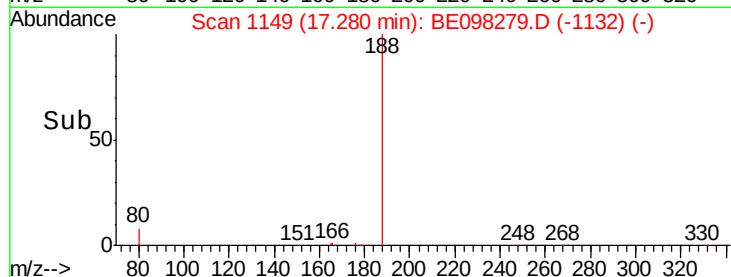
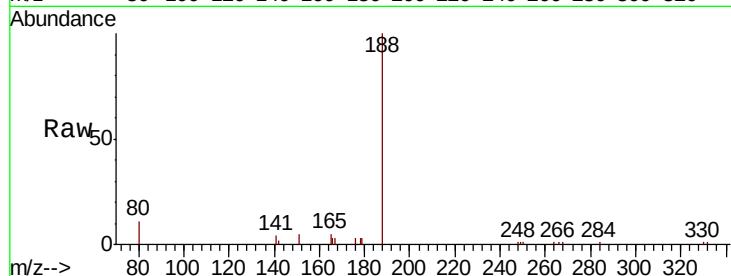
Tgt Ion:188 Resp: 12652

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.2 10.8#



#22

Pentachlorophenol

Concen: 0.111 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

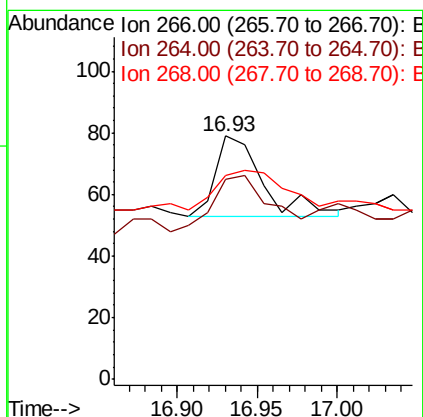
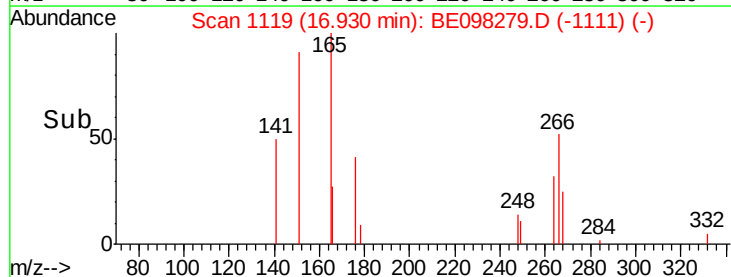
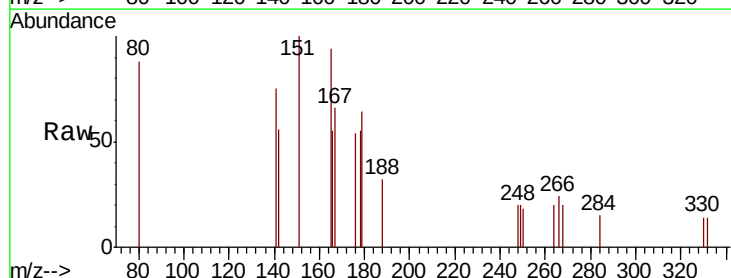
Tgt Ion:266 Resp: 53

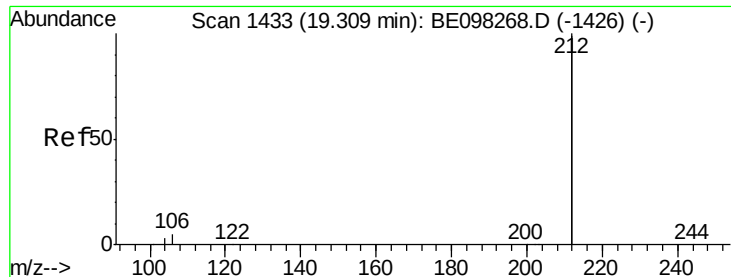
Ion Ratio Lower Upper

266 100

264 82.3 59.0 88.4

268 83.5 55.1 82.7#

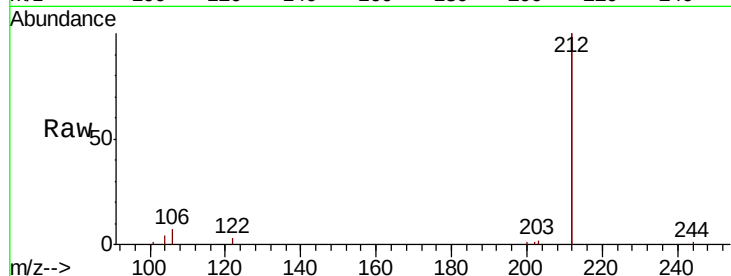




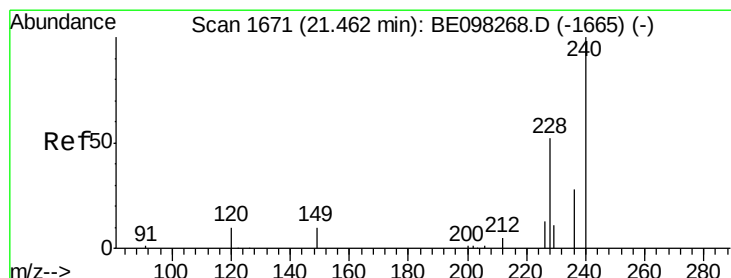
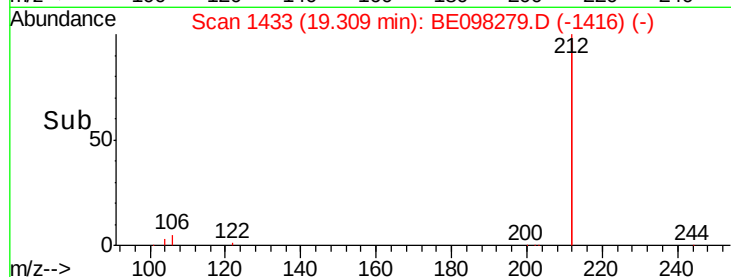
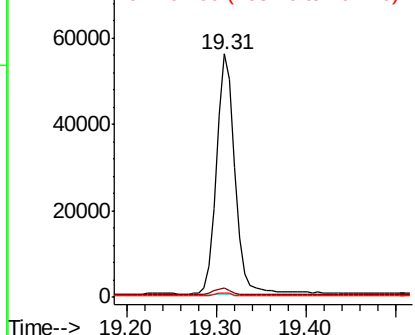
#25
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098279.D
Acq: 29 Nov 2018 18:17

Instrument :
BNA_E
ClientSampleId :
EP2-FD-02

Tgt Ion:212 Resp: 79913
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.7 1.3 1.9

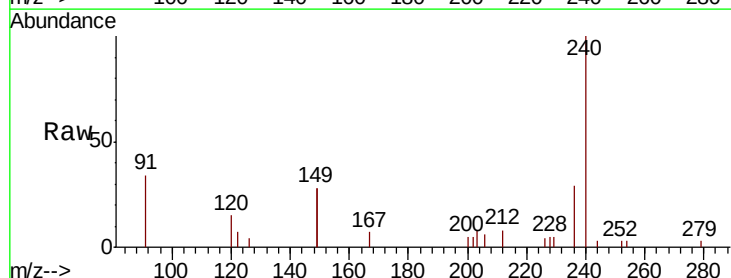


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

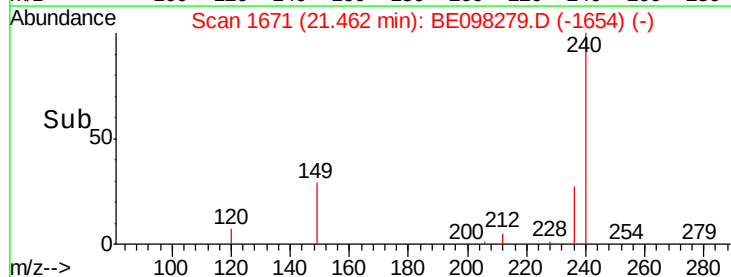
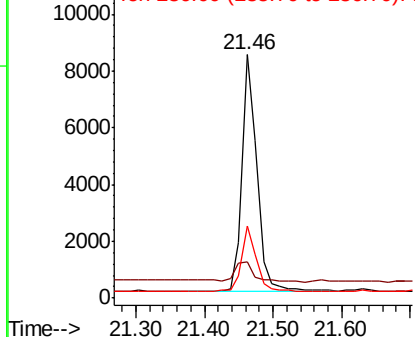


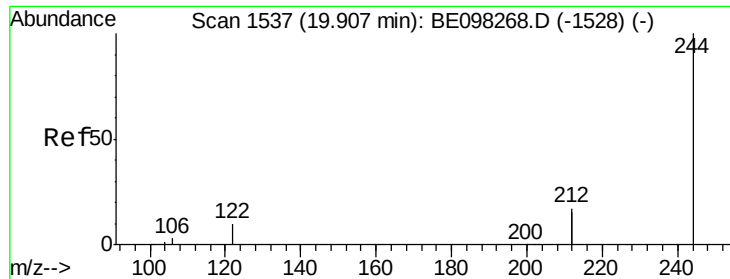
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098279.D
Acq: 29 Nov 2018 18:17

Tgt Ion:240 Resp: 12567
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 29.5 22.7 34.1



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: 0.607 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

Instrument :

BNA_E

ClientSampleId :

EP2-FD-02

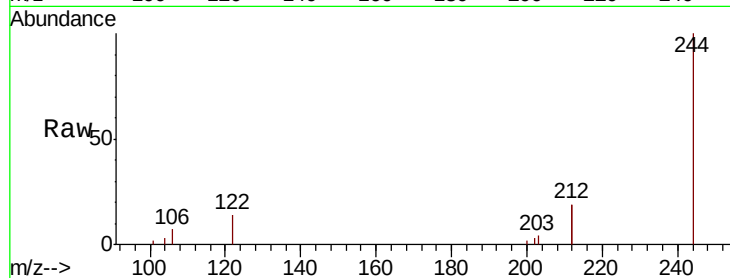
Tgt Ion:244 Resp: 17153

Ion Ratio Lower Upper

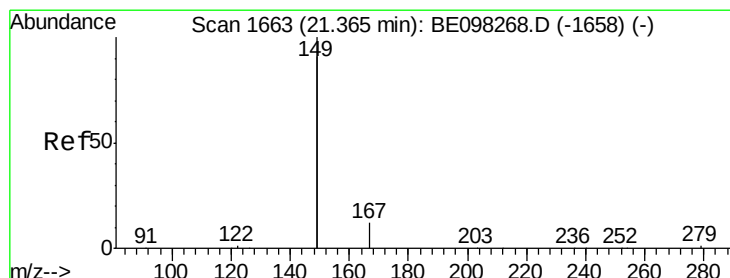
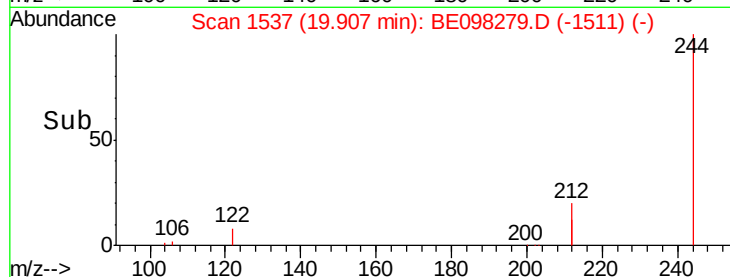
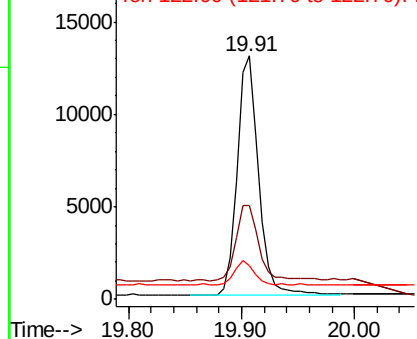
244 100

212 38.6 27.4 41.0

122 13.8 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng

RT: 21.36 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098279.D

Acq: 29 Nov 2018 18:17

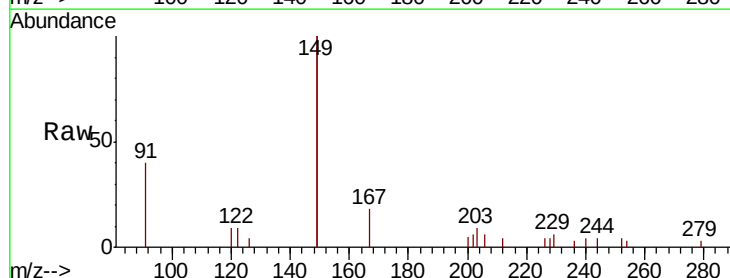
Tgt Ion:149 Resp: 12653

Ion Ratio Lower Upper

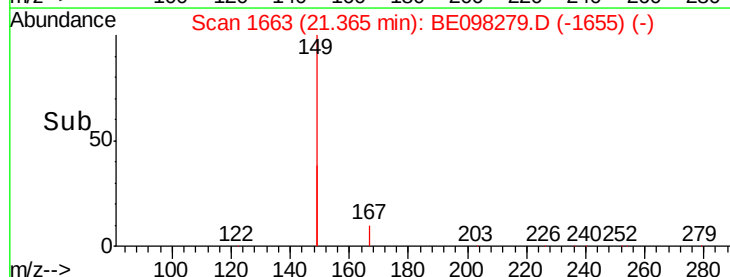
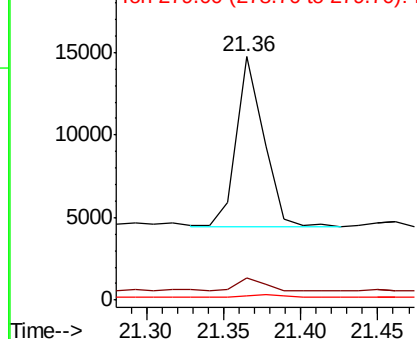
149 100

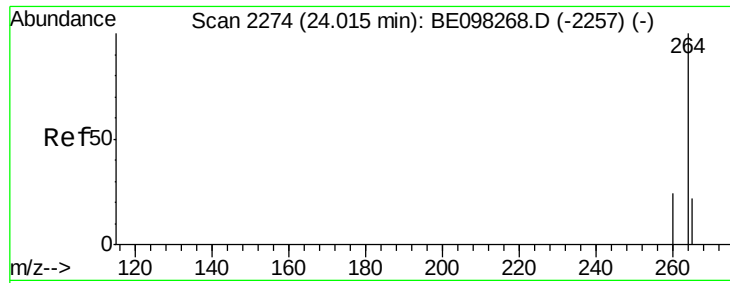
167 8.5 5.7 8.5

279 1.1 1.0 1.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

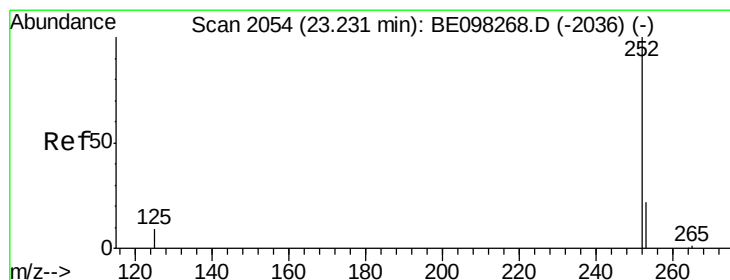
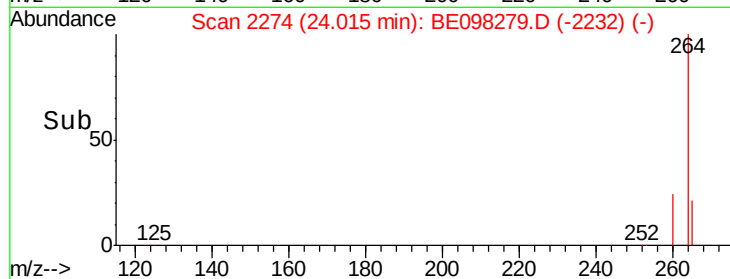
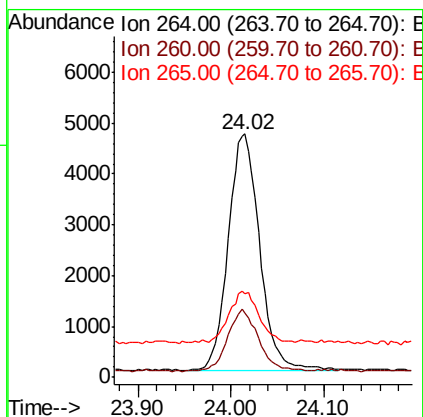
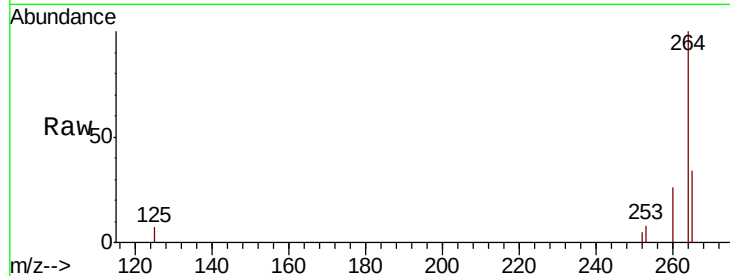




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098279.D
 Acq: 29 Nov 2018 18:17

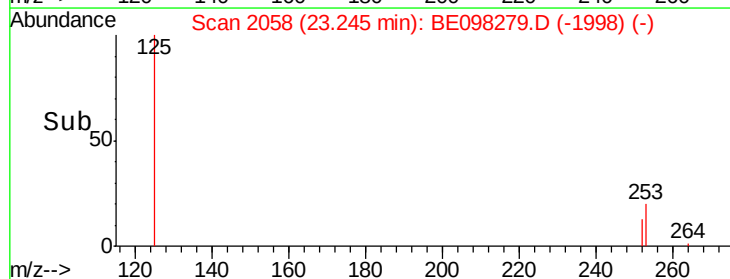
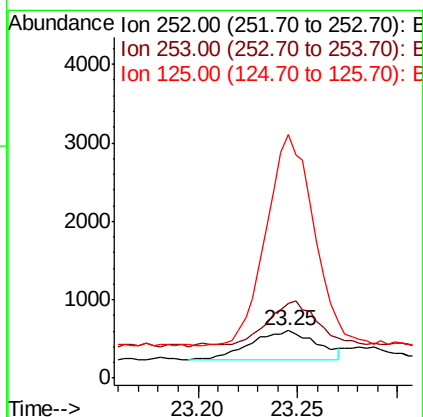
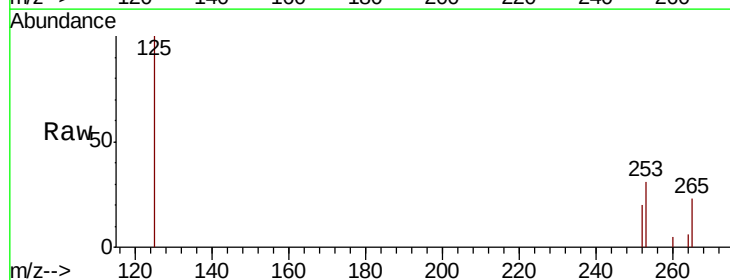
Instrument :
 BNA_E
 ClientSampleId :
 EP2-FD-02

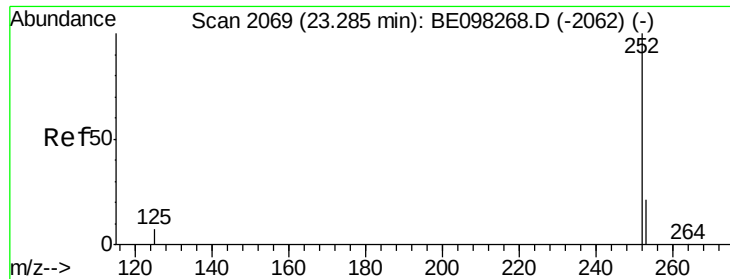
Tgt Ion: 264 Resp: 10886
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.2 30.2
 265 34.4 25.2 37.8



#35
Benzo(b)fluoranthene
 Concen: 0.027 ng
 RT: 23.25 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BE098279.D
 Acq: 29 Nov 2018 18:17

Tgt Ion: 252 Resp: 849
 Ion Ratio Lower Upper
 252 100
 253 156.0 20.0 30.0#
 125 511.4 9.6 14.4#

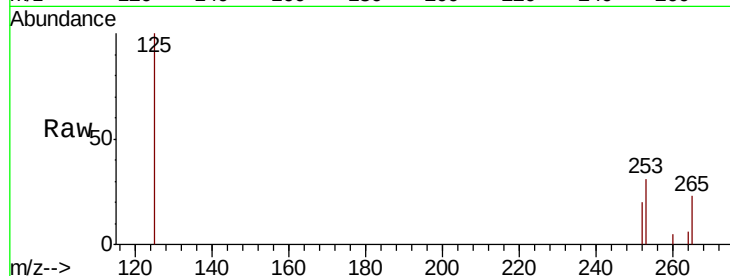




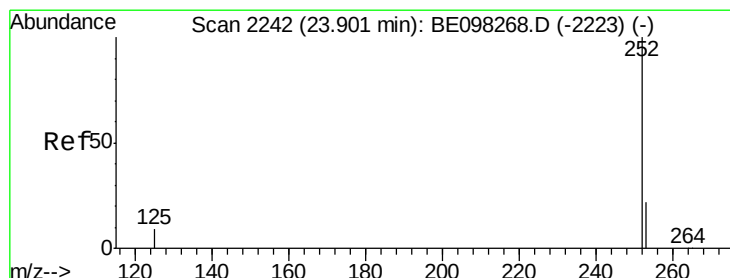
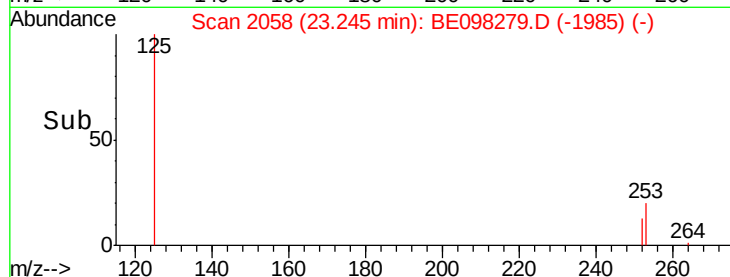
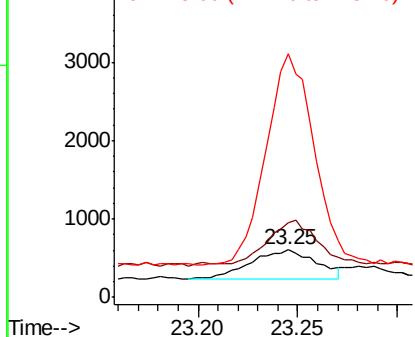
#36
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.04 min
Lab File: BE098279.D
Acq: 29 Nov 2018 18:17

Instrument :
BNA_E
ClientSampleId :
EP2-FD-02

Tgt Ion: 252 Resp: 849
Ion Ratio Lower Upper
252 100
253 156.0 19.0 28.6#
125 511.4 9.1 13.7#

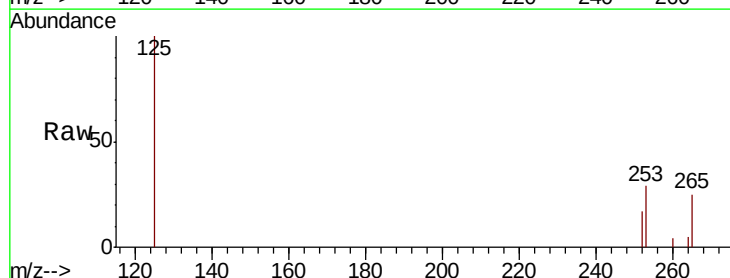


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.02 min
Lab File: BE098279.D
Acq: 29 Nov 2018 18:17

Tgt Ion: 252 Resp: 659
Ion Ratio Lower Upper
252 100
253 172.4 20.6 30.8#
125 601.5 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

