

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
 Data File : BE099726.D
 Acq On : 22 May 2019 18:45
 Operator : JU/SJ
 Sample : K2966-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-16(2.4-2.9)

Quant Time: May 23 08:00:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1447	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5129	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3758	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10740	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15575	0.40	ng	0.00
34) Perylene-d12	23.96	264	18495	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1298	0.35	ng	0.01
5) Phenol-d6	6.97	99	1712	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	1355	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2602	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	676	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3877	0.27	ng	0.00
25) Fluoranthene-d10	19.26	212	39583	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	8206	0.30	ng	-0.01

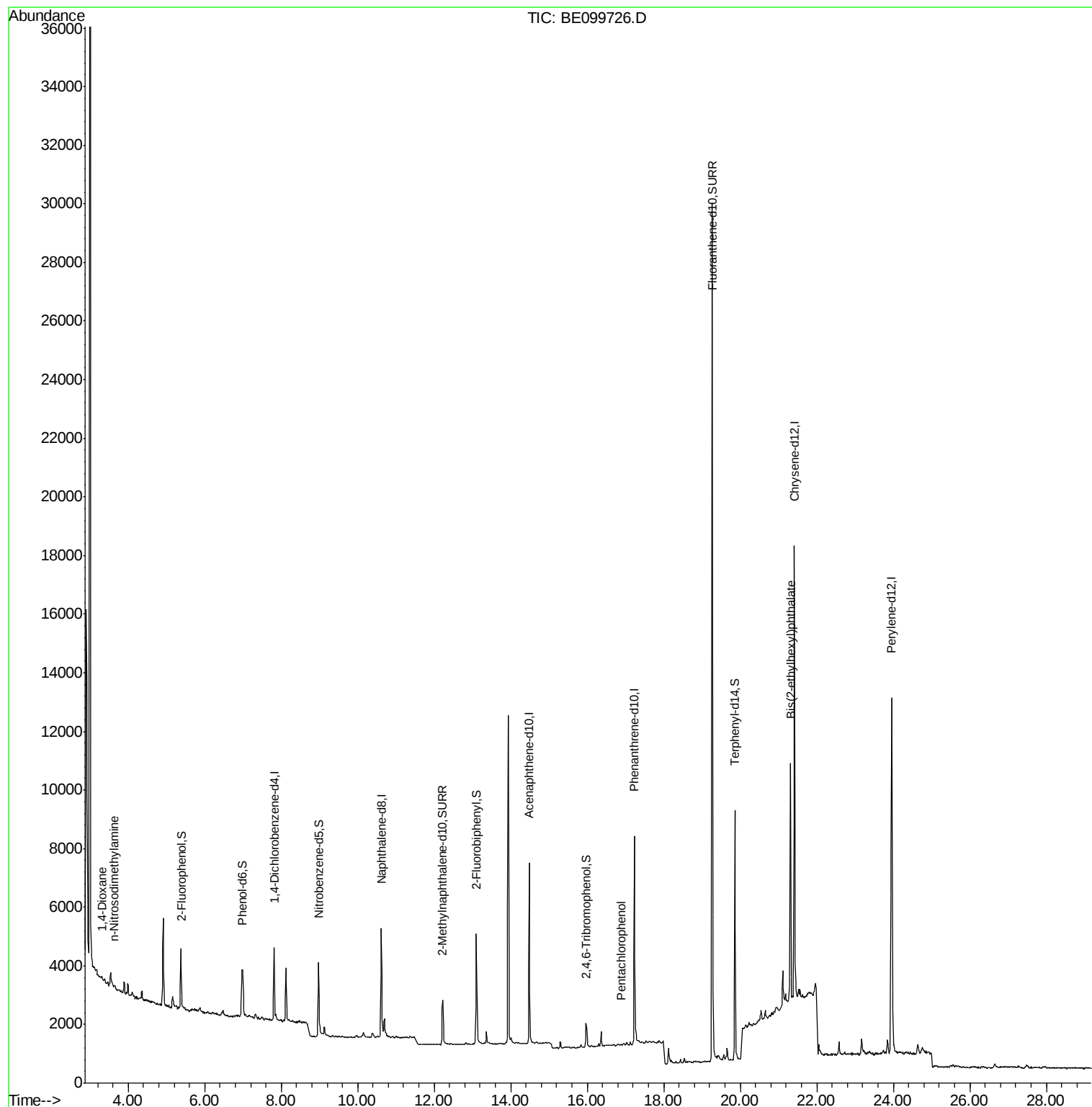
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	64	0.030	ng	# 1
3) n-Nitrosodimethylamine	3.63	42	27	0.023	ng	# 31
22) Pentachlorophenol	16.89	266	20	0.191	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.32	149	12433	0.244	ng	99

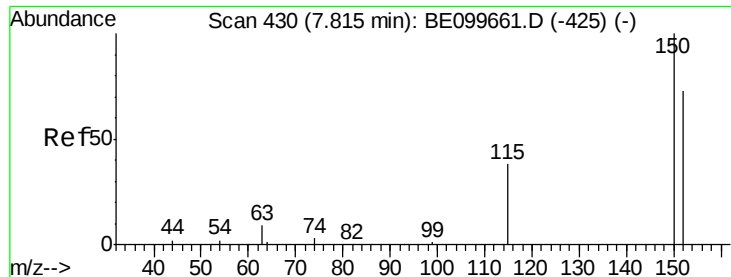
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099726.D

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Instrument :

BNA_E

ClientSampleId :

FESB-16(2.4-2.9)

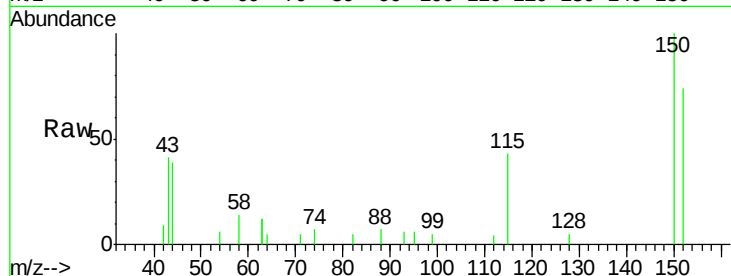
Tgt Ion:152 Resp: 1447

Ion Ratio Lower Upper

152 100

150 134.3 109.2 163.8

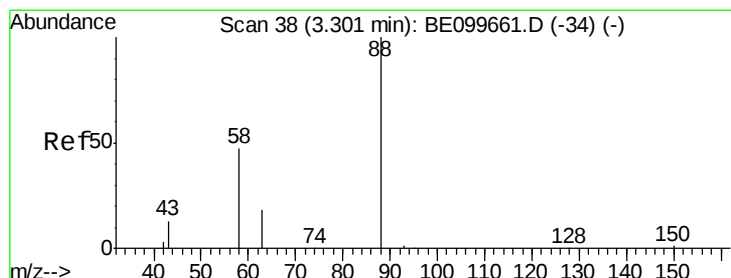
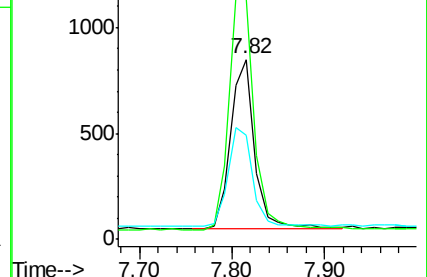
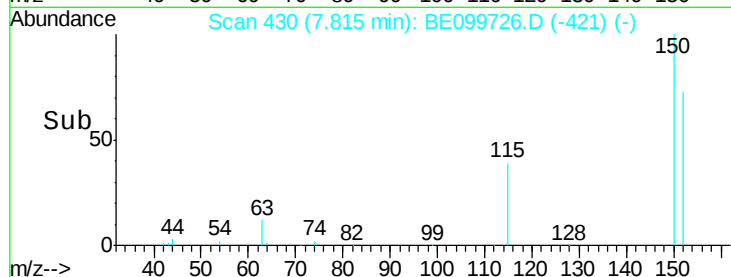
115 57.8 43.7 65.5



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



#2

1,4-Dioxane

Concen: 0.030 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

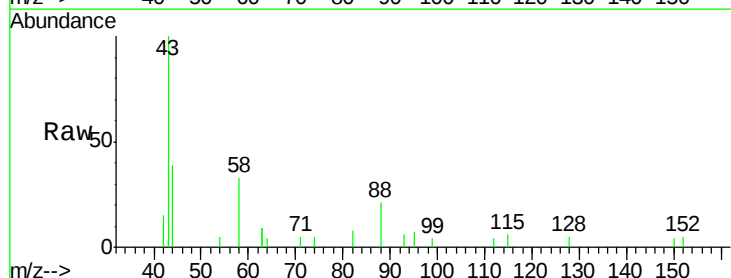
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

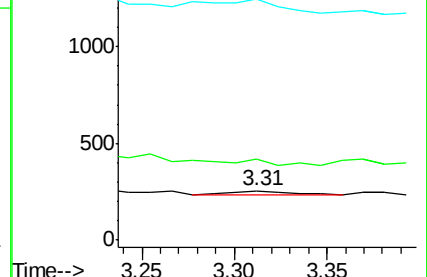
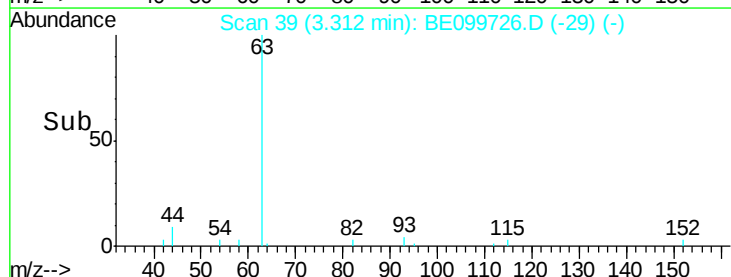
43 310.9 15.0 22.4#

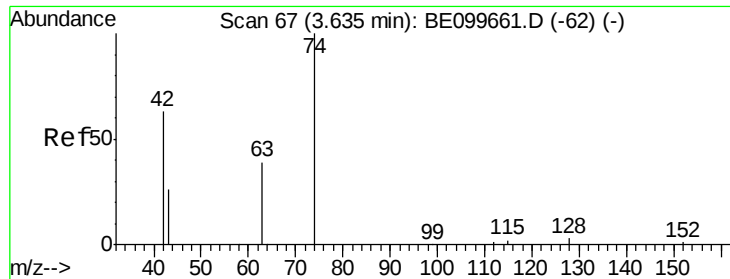


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

Instrument :

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ClientSampleId :

FESB-16(2.4-2.9)

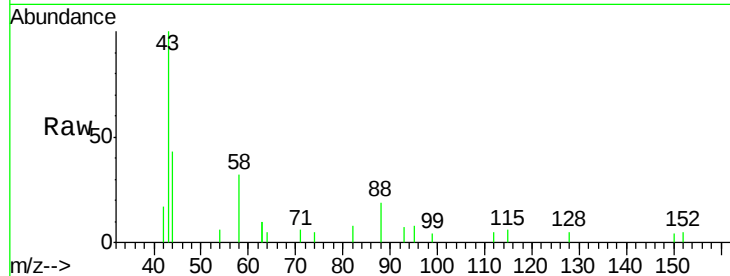
Tgt Ion: 42 Resp: 27

Ion Ratio Lower Upper

42 100

74 70.4 129.2 193.8#

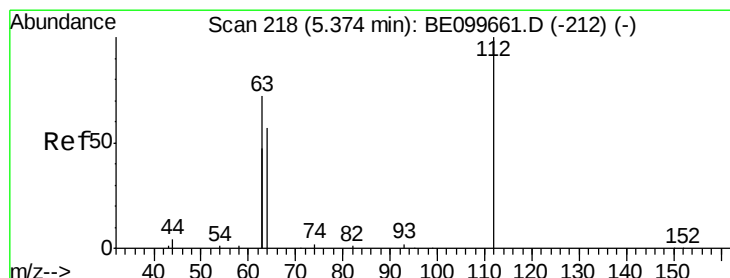
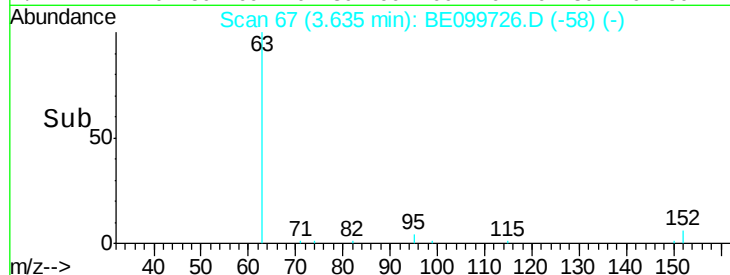
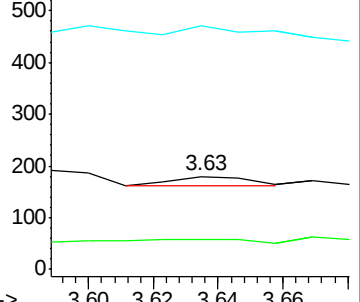
44 170.4 0.0 0.0#



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: 0.355 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

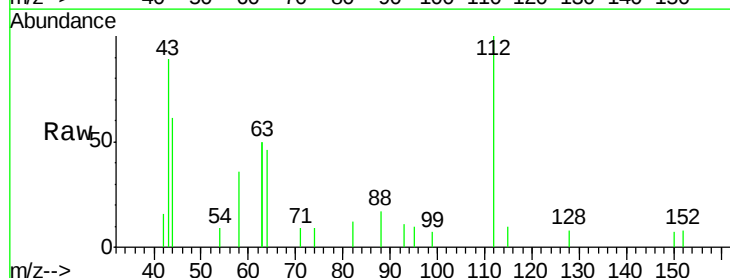
Tgt Ion: 112 Resp: 1298

Ion Ratio Lower Upper

112 100

64 54.9 43.4 65.2

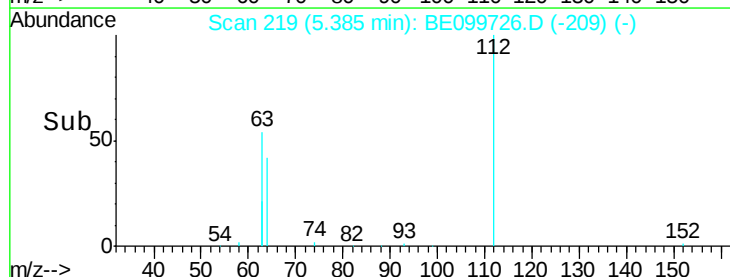
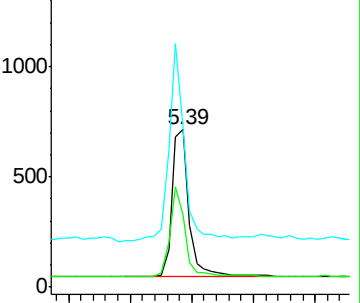
63 119.0 96.9 145.3

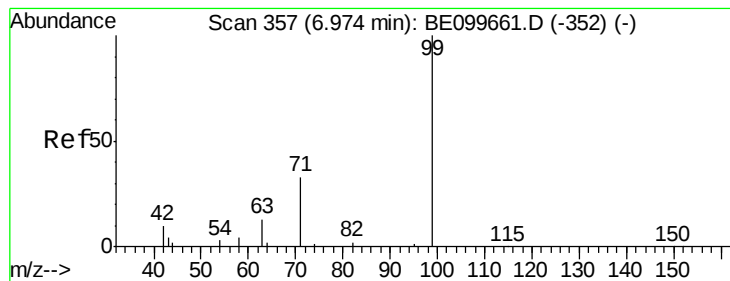


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

Instrument :

BNA_E

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FESB-16(2.4-2.9)

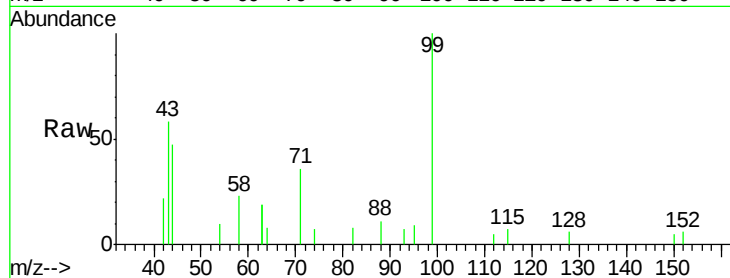
Tgt Ion: 99 Resp: 1712

Ion Ratio Lower Upper

99 100

42 22.3 12.2 18.2#

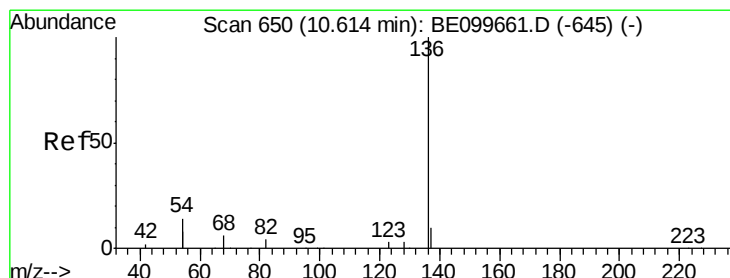
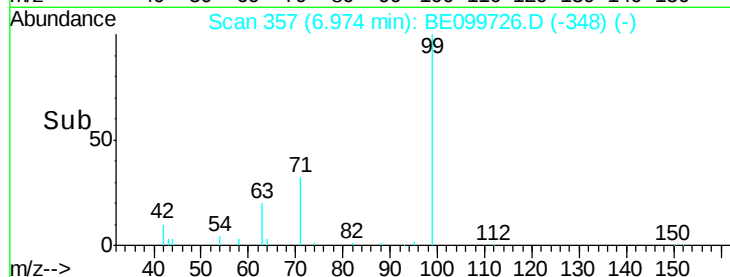
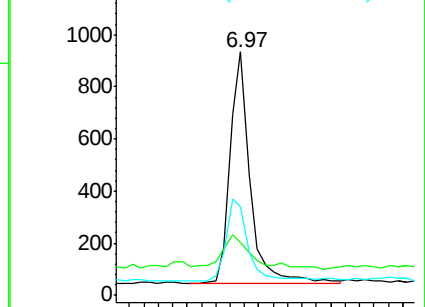
71 39.7 28.9 43.3



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. 0.00 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

Tgt Ion: 136 Resp: 5129

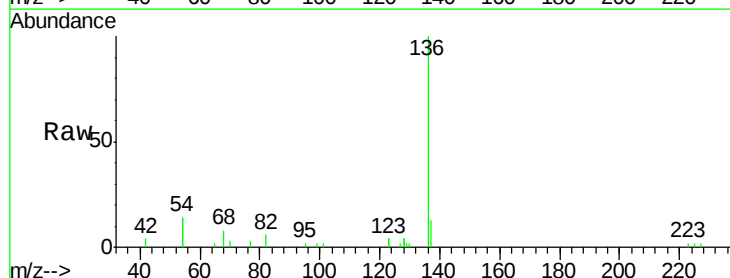
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 27.4 22.3 33.5

68 7.7 6.0 9.0

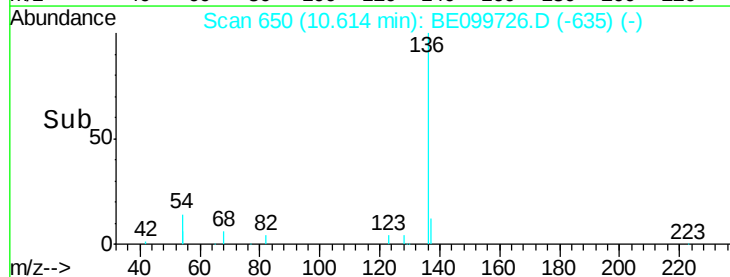
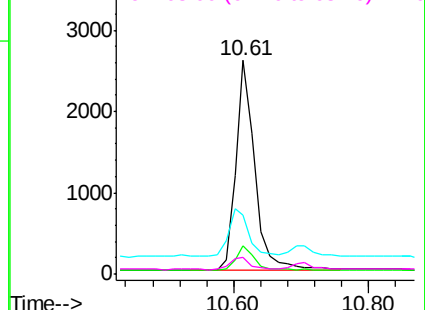


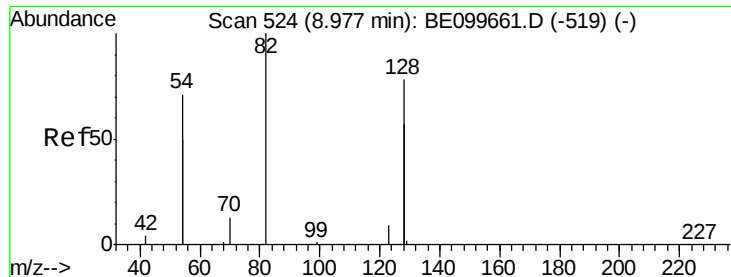
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.305 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

Instrument :

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FESB-16(2.4-2.9)

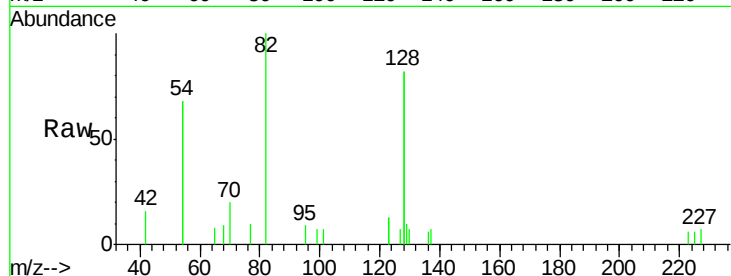
Tgt Ion: 82 Resp: 1355

Ion Ratio Lower Upper

82 100

128 163.3 117.7 176.5

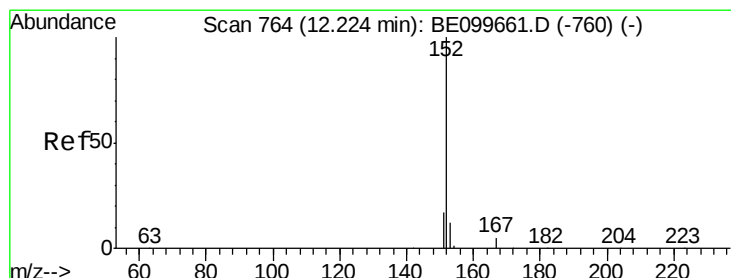
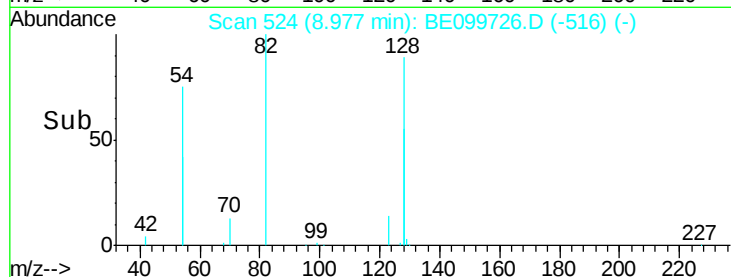
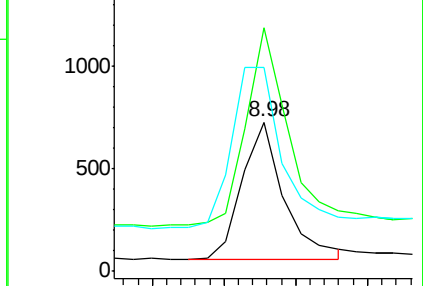
54 136.8 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE099726.D (-516) (-)

Ion 128.00 (127.70 to 128.70): BE099726.D (-516) (-)

Ion 54.00 (53.70 to 54.70): BE099726.D (-516) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.294 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099726.D

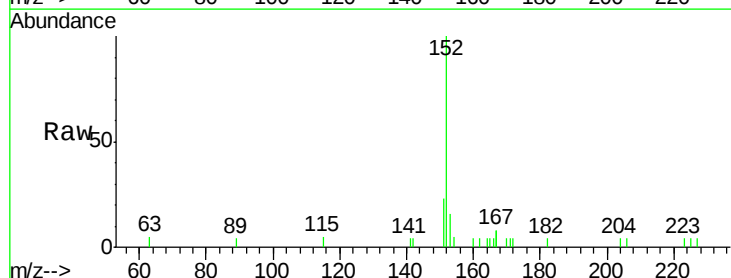
Acq: 22 May 2019 18:45

Tgt Ion: 152 Resp: 2602

Ion Ratio Lower Upper

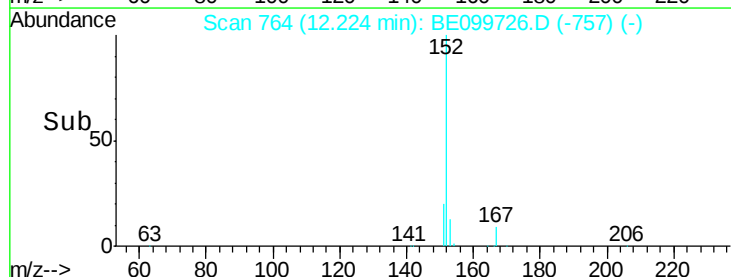
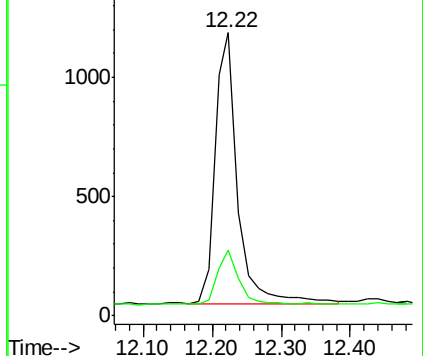
152 100

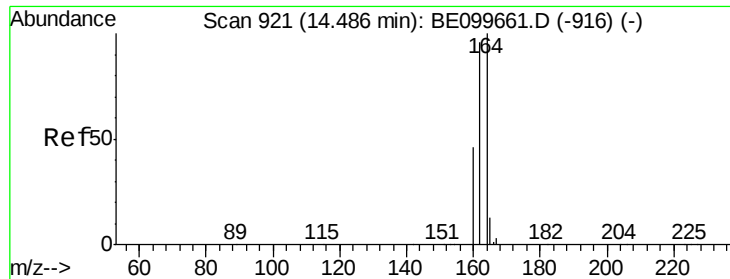
151 18.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): BE099726.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE099726.D (-757) (-)

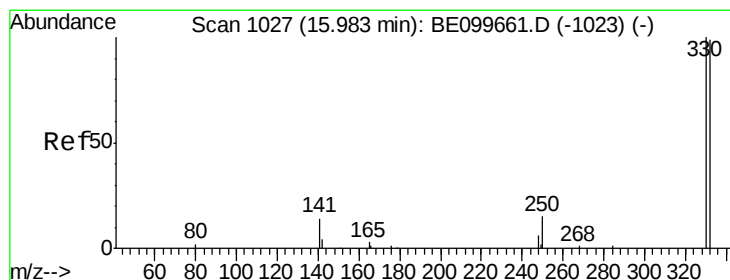
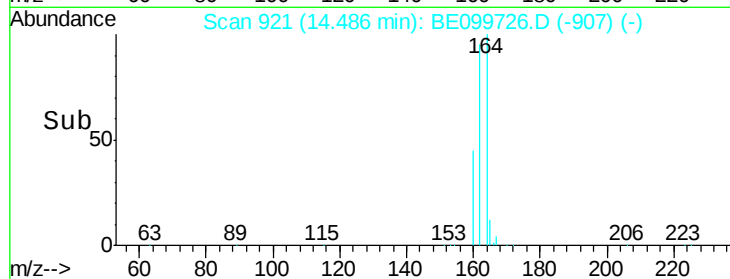
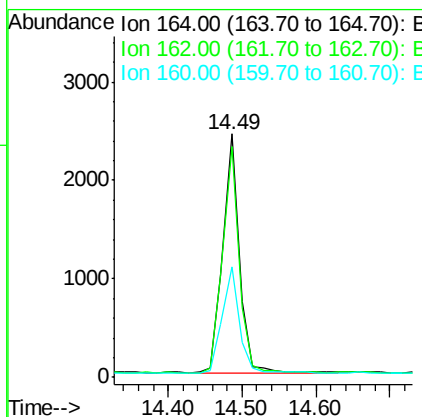
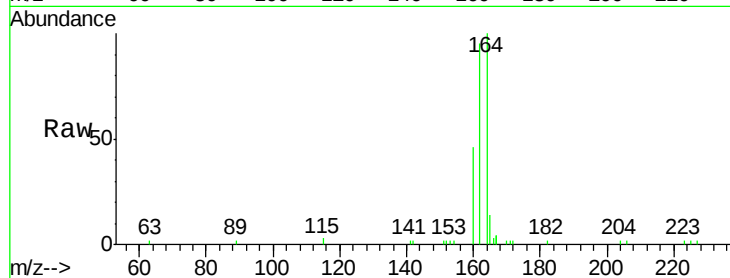




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

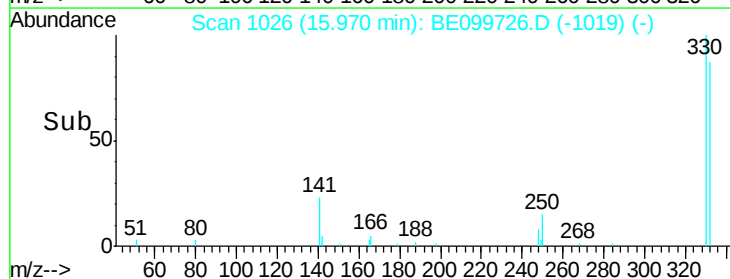
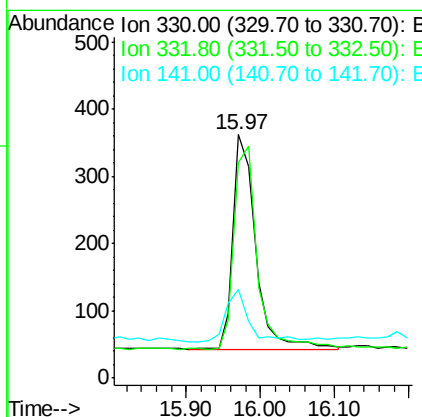
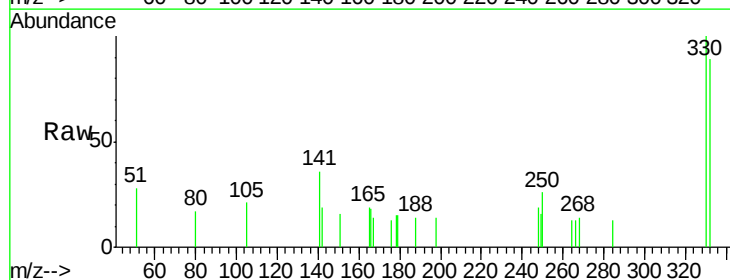
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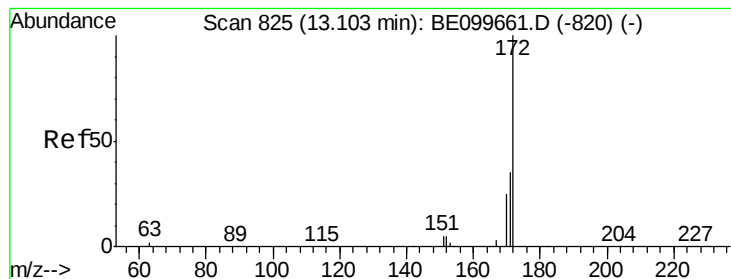
Tgt Ion:164 Resp: 3758
 Ion Ratio Lower Upper
 164 100
 162 94.6 76.5 114.7
 160 45.6 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

Tgt Ion:330 Resp: 676
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 26.3 18.9 28.3

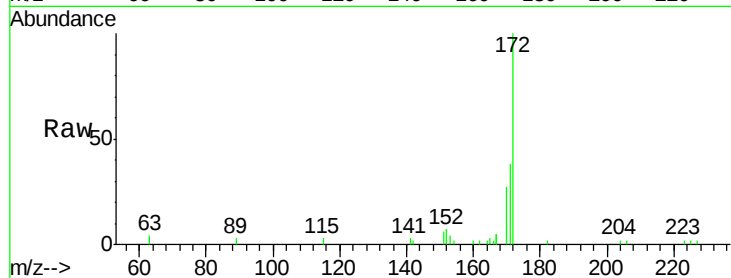




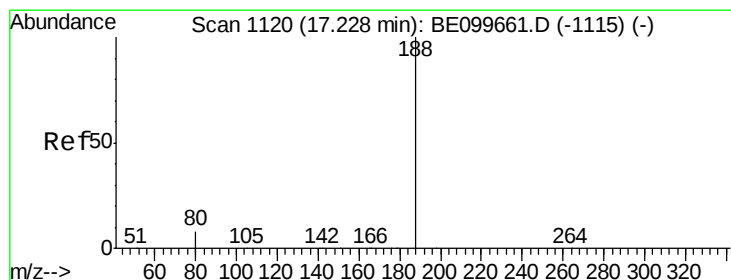
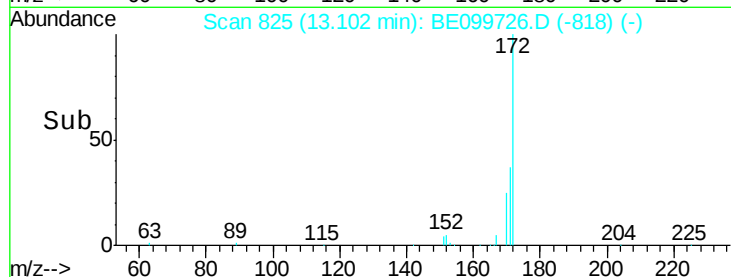
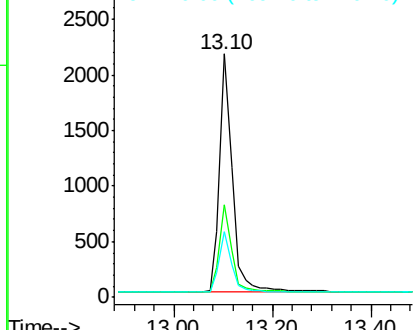
#15
 2-Fluorobiphenyl
 Concen: 0.272 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :
 FESB-16(2.4-2.9)

Tgt Ion:172 Resp: 3877
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.7 43.1
 170 27.1 20.9 31.3

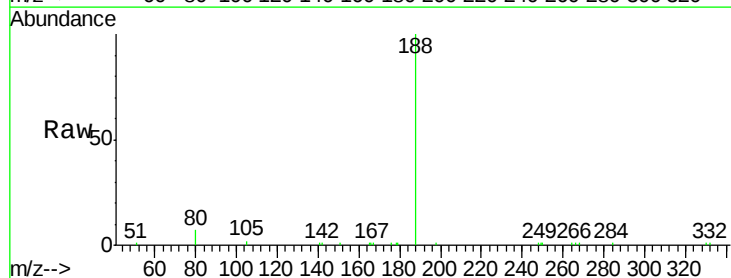


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

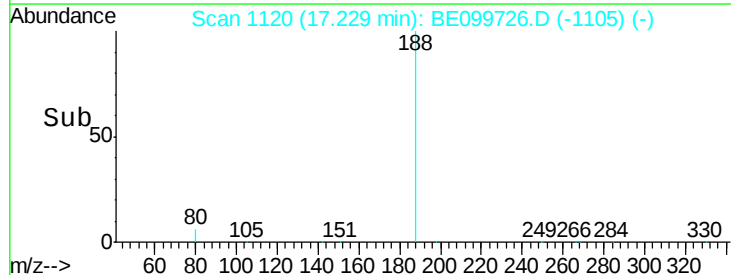
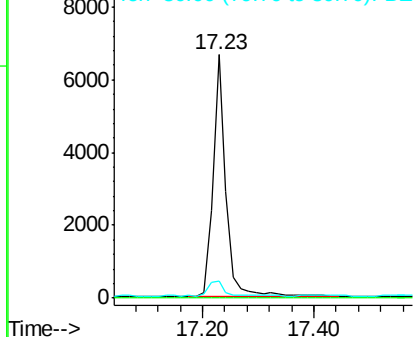


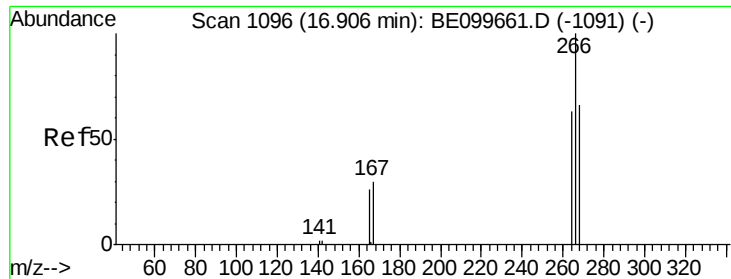
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

Tgt Ion:188 Resp: 10740
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.1 6.7 10.1



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

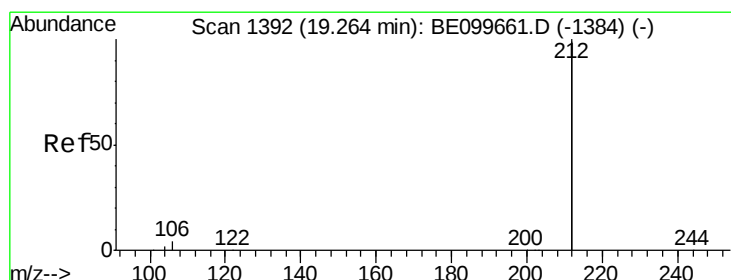
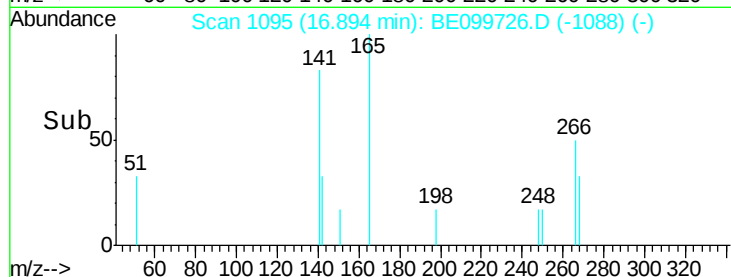
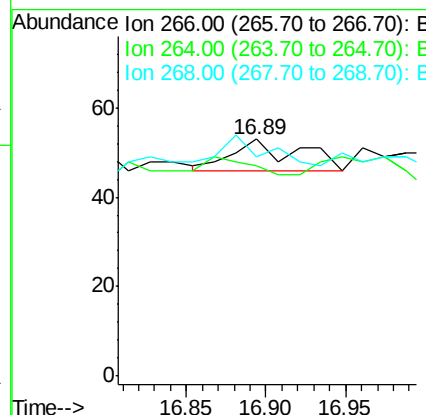
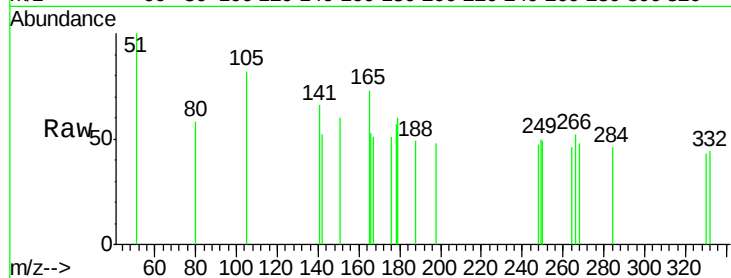




#22
 Pentachlorophenol
 Concen: 0.191 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

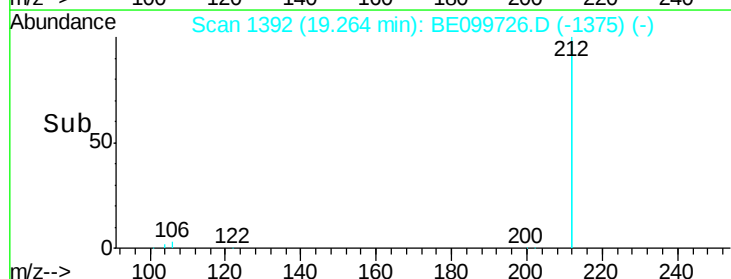
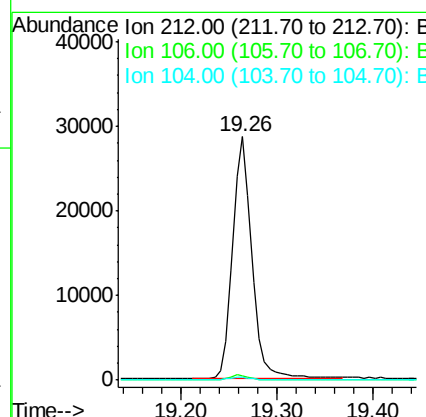
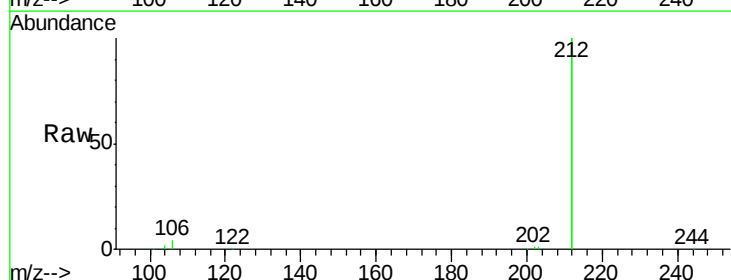
Instrument :
 BNA_E
 ClientSampleId :
 FESB-16(2.4-2.9)

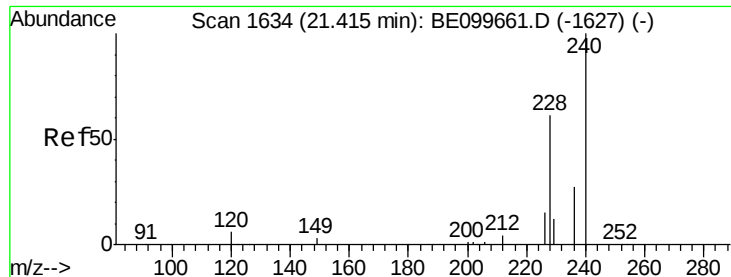
Tgt Ion: 266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 264 88.7 57.2 85.8#
 268 92.5 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.270 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

Tgt Ion: 212 Resp: 39583
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

Instrument :

BNA_E

ClientSampleId :

FESB-16(2.4-2.9)

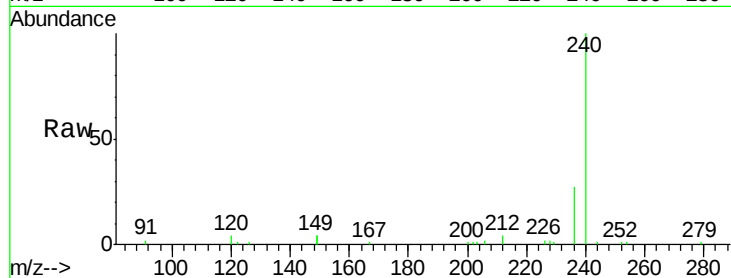
Tgt Ion:240 Resp: 15575

Ion Ratio Lower Upper

240 100

120 4.5 5.4 8.0#

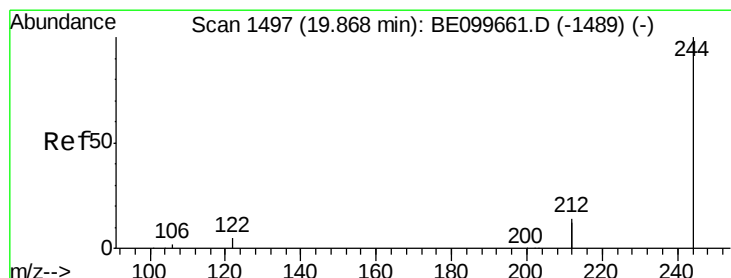
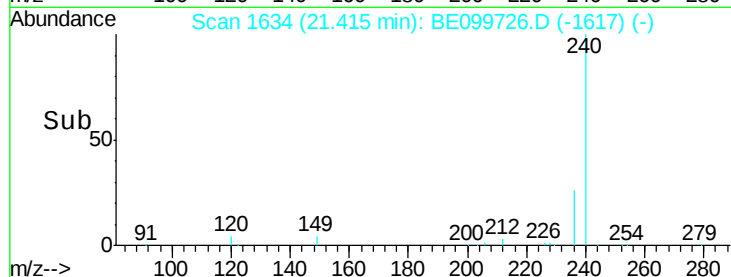
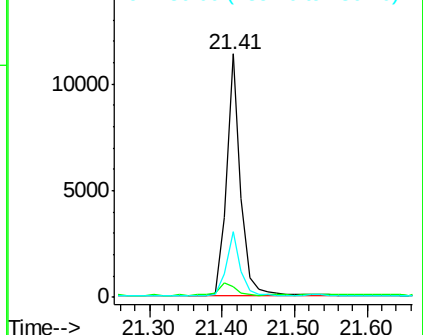
236 26.8 21.7 32.5



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: 0.295 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099726.D

Acq: 22 May 2019 18:45

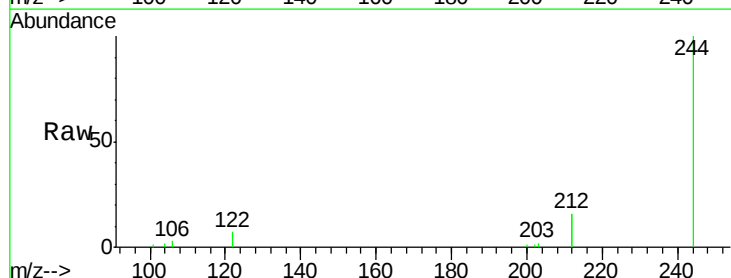
Tgt Ion:244 Resp: 8206

Ion Ratio Lower Upper

244 100

212 31.5 22.5 33.7

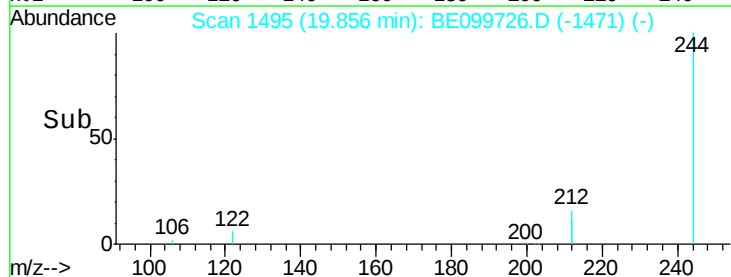
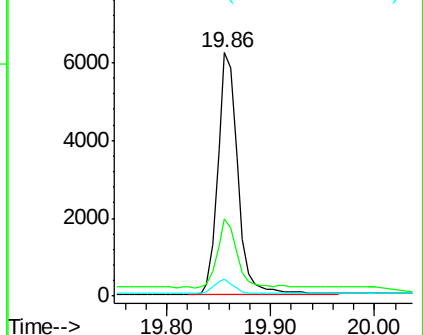
122 7.2 4.3 6.5#

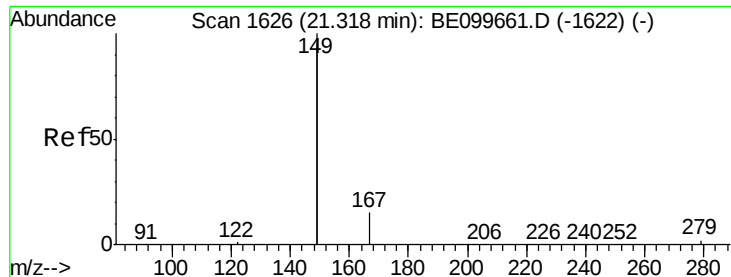


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

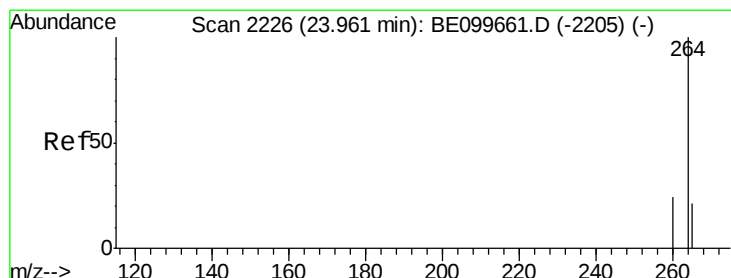
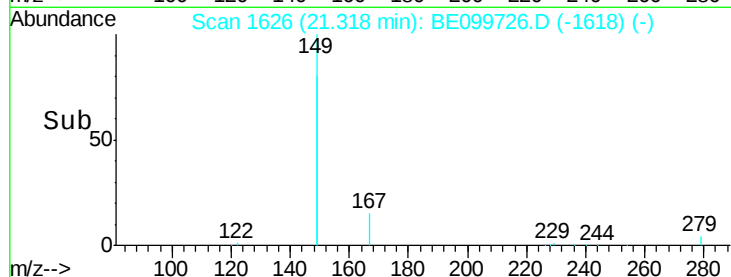
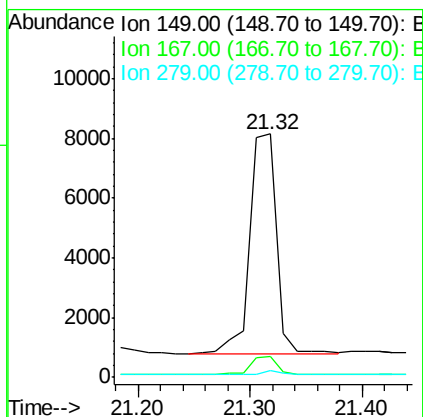
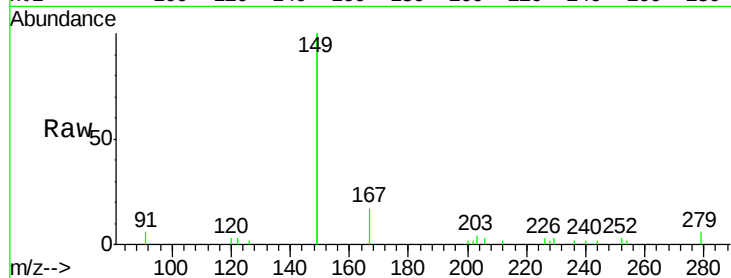




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.244 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :
 FESB-16(2.4-2.9)

Tgt Ion:149 Resp: 12433
 Ion Ratio Lower Upper
 149 100
 167 7.5 6.2 9.4
 279 1.6 1.2 1.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099726.D
 Acq: 22 May 2019 18:45

Tgt Ion:264 Resp: 18495
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 25.7 19.1 28.7

