

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099687.D
 Acq On : 21 May 2019 13:09
 Operator : JU/SJ
 Sample : K2944-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-1(14.5-15)

Quant Time: May 21 14:07:09 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

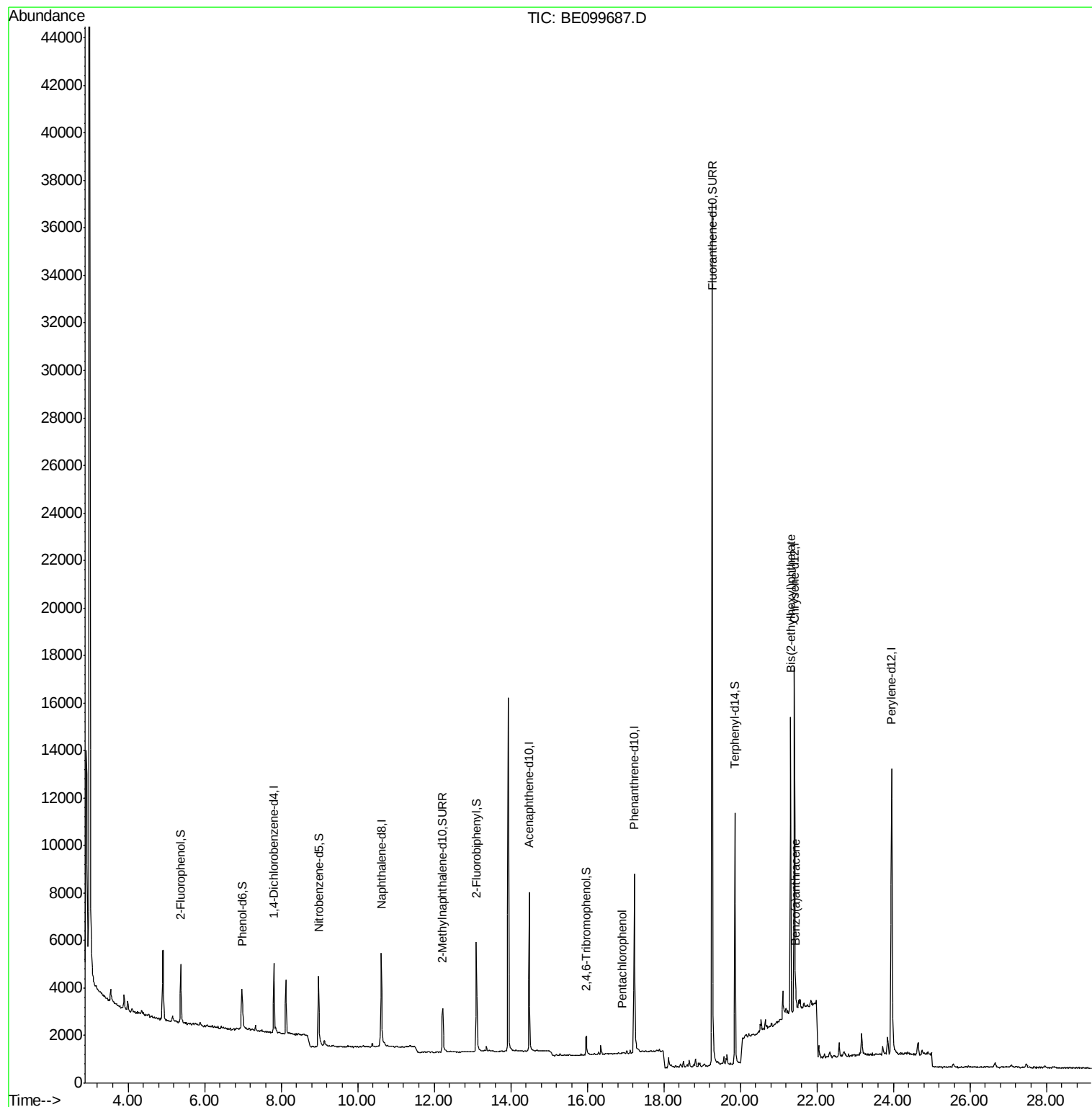
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1608	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5478	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4061	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12015	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15518	0.40	ng	0.00
34) Perylene-d12	23.95	264	18873	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1497	0.37	ng	0.00
5) Phenol-d6	6.98	99	2030	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1541	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3304	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	715	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5036	0.33	ng	0.00
25) Fluoranthene-d10	19.26	212	52068	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	11049	0.40	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.92	266	10	0.185	ng	# 73
30) Benzo(a)anthracene	21.45	228	942	0.021	ng	# 40
32) Bis(2-ethylhexyl)phthalate	21.32	149	14686	0.289	ng	# 100

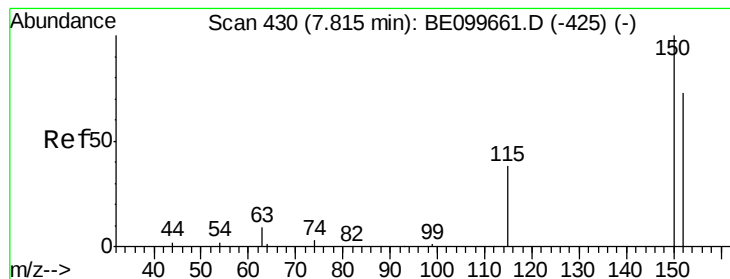
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
FESB-1(14.5-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

FESB-1(14.5-15)

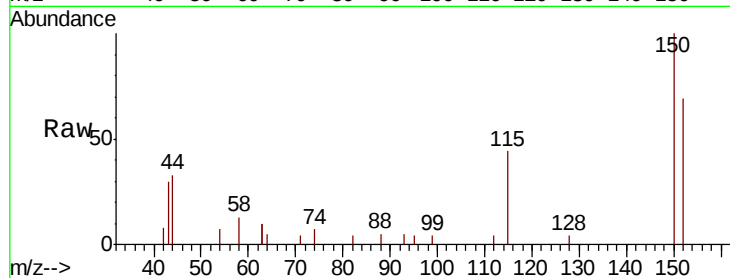
Tot Ion:152 Resp: 1608

Ion Ratio Lower Upper

152 100

150 145.8 109.2 163.8

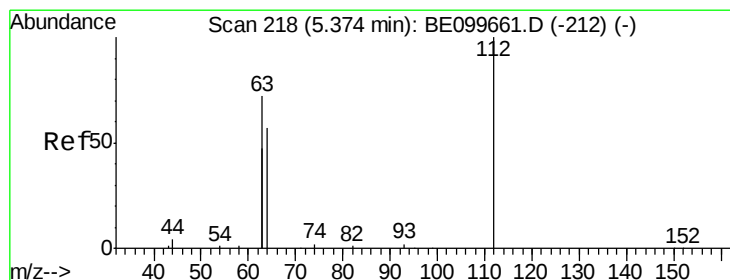
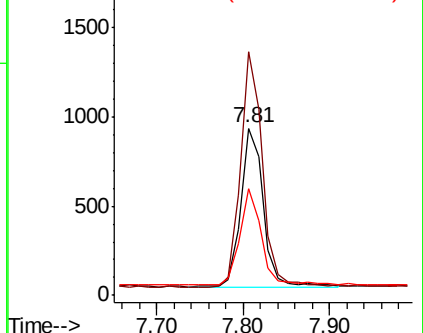
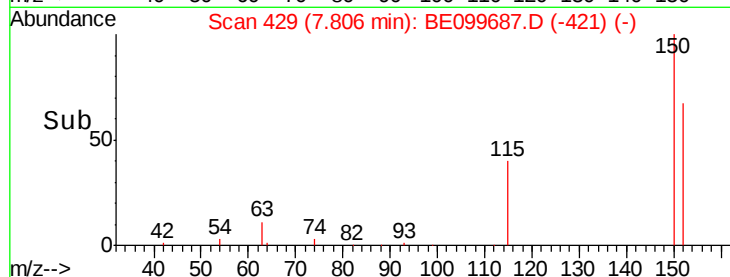
115 63.5 43.7 65.5



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



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

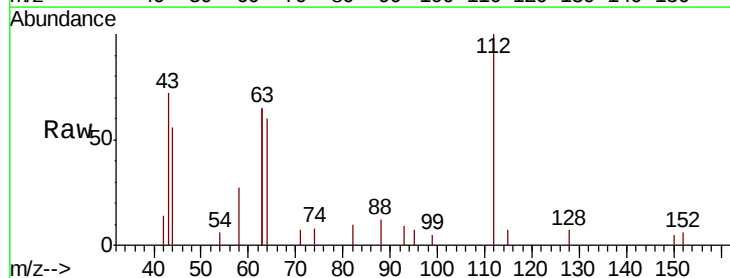
Tgt Ion:112 Resp: 1497

Ion Ratio Lower Upper

112 100

64 56.2 43.4 65.2

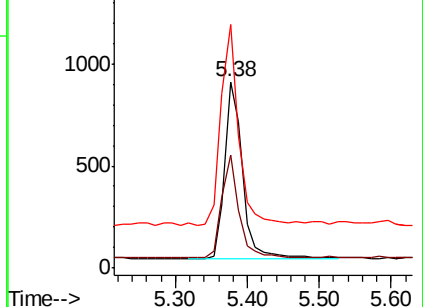
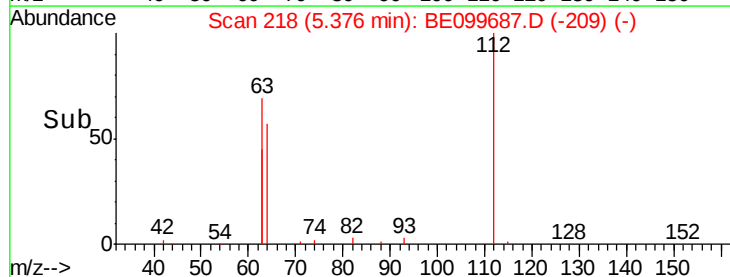
63 115.6 96.9 145.3

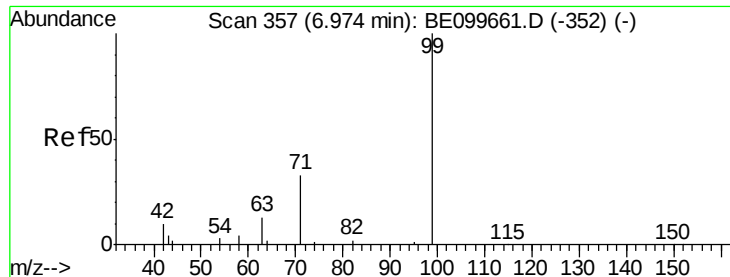


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.377 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampled :

FESB-1(14.5-15)

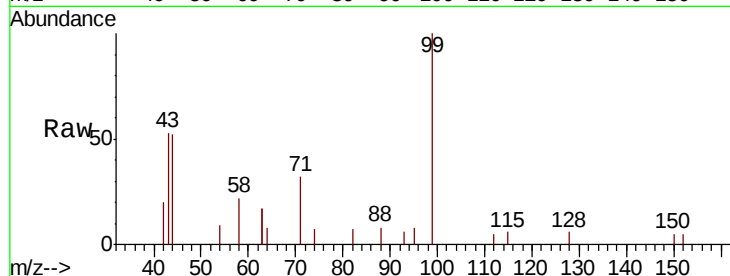
Tot Ion: 99 Resp: 2030

Ion Ratio Lower Upper

99 100

42 20.0 12.2 18.2#

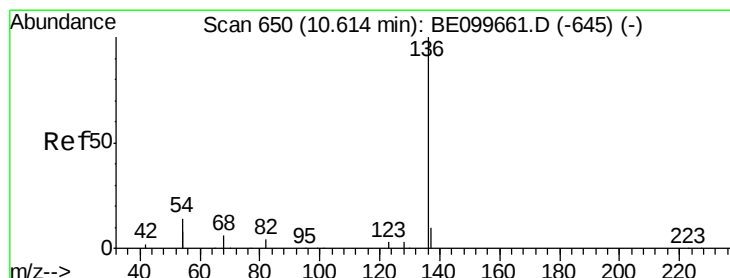
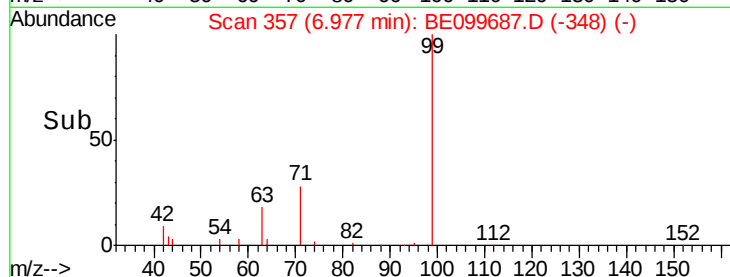
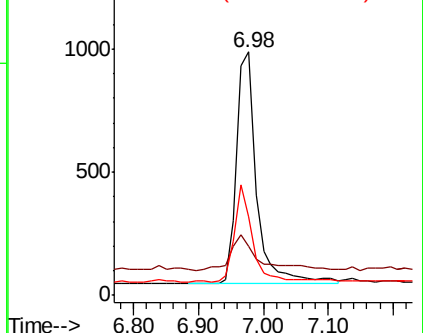
71 39.1 28.9 43.3



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: BE099687.D

Acq: 21 May 2019 13:09

Tgt Ion: 136 Resp: 5478

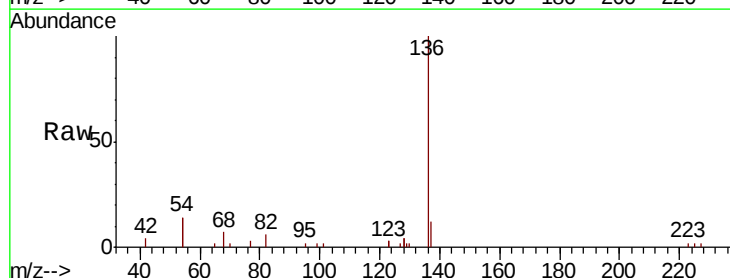
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 27.0 22.3 33.5

68 7.5 6.0 9.0

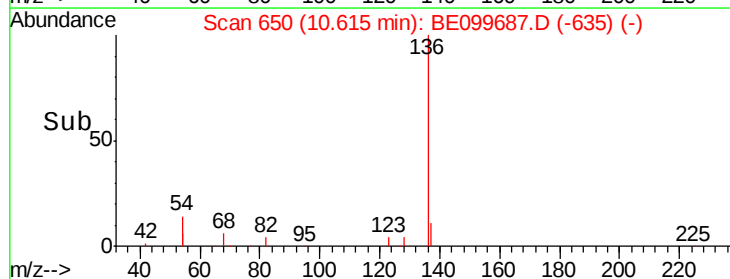
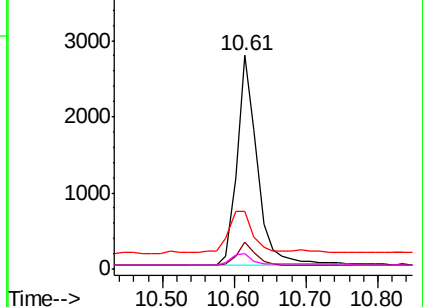


Abundance Ion 136.00 (135.70 to 136.70): E

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

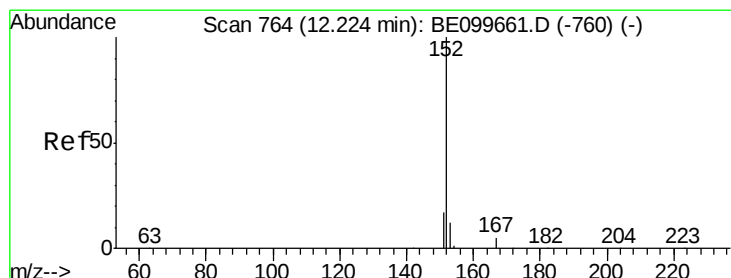
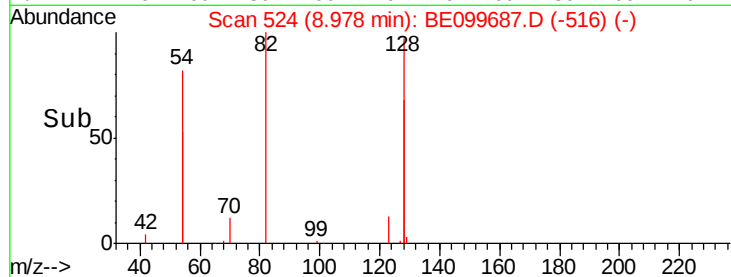
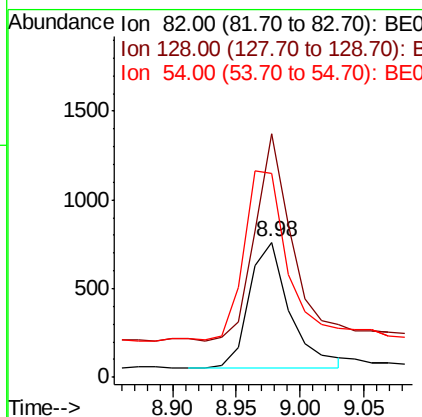
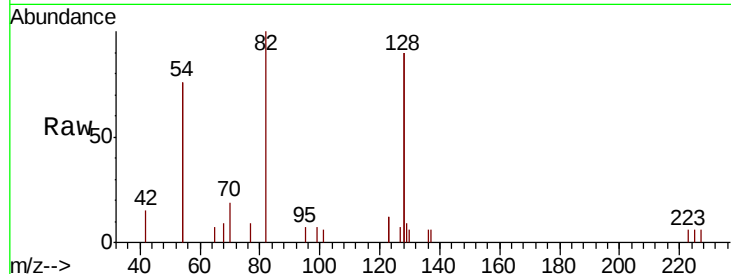




#8
 Nitrobenzene-d5
 Concen: 0.325 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BE099687.D
 Acq: 21 May 2019 13:09

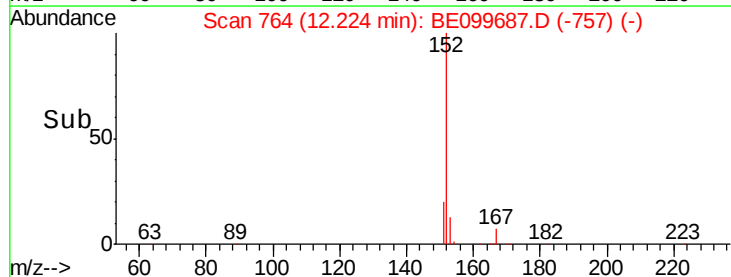
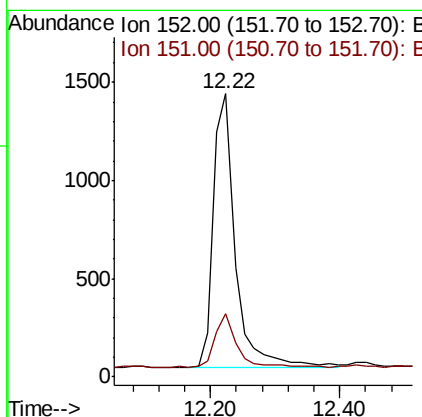
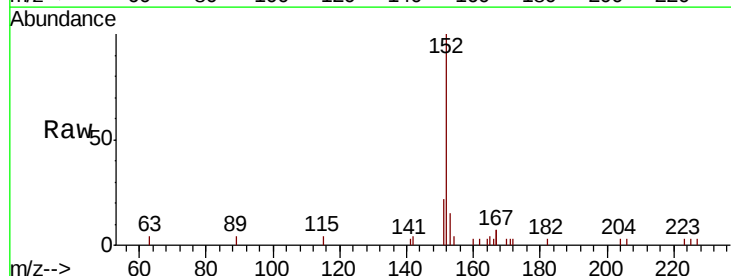
Instrument :
 BNA_E
 ClientSampleId :
 FESB-1(14.5-15)

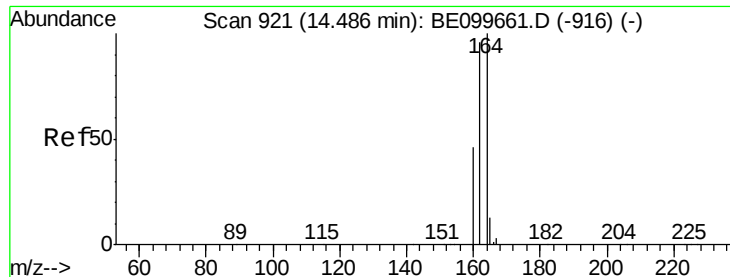
Tot Ion	82	Resp	1541
Ion Ratio	Lower	Upper	
82	100		
128	180.3	117.7	176.5#
54	151.4	106.6	160.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.350 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099687.D
 Acq: 21 May 2019 13:09

Tgt Ion	152	Resp	3304
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.0	22.4

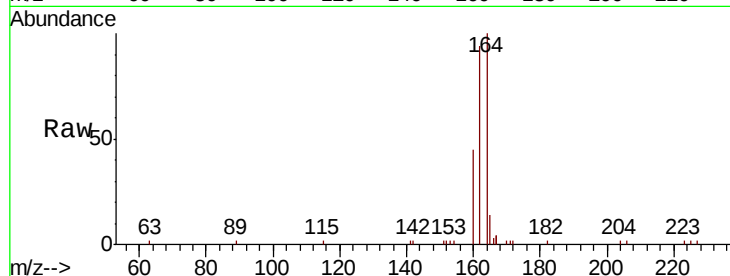




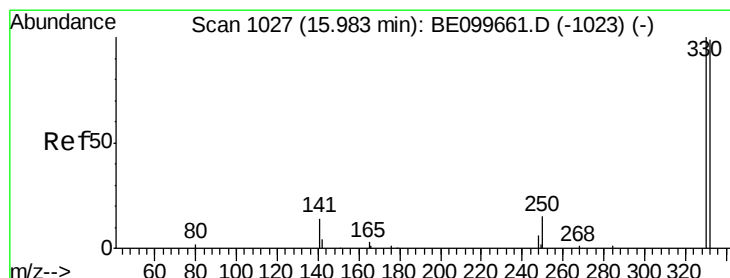
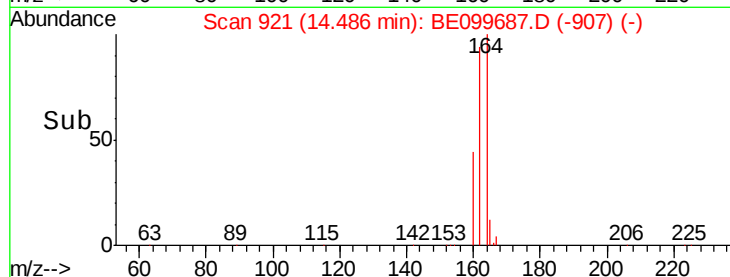
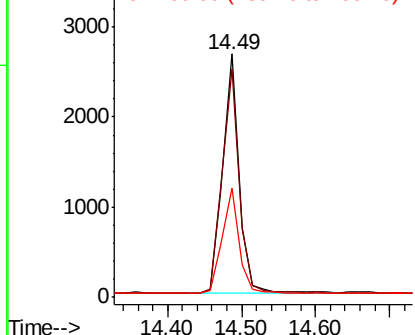
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Instrument :
BNA_E
ClientSampleId :
FESB-1(14.5-15)

Tot Ion:164 Resp: 4061
Ion Ratio Lower Upper
164 100
162 93.9 76.5 114.7
160 44.8 37.4 56.2

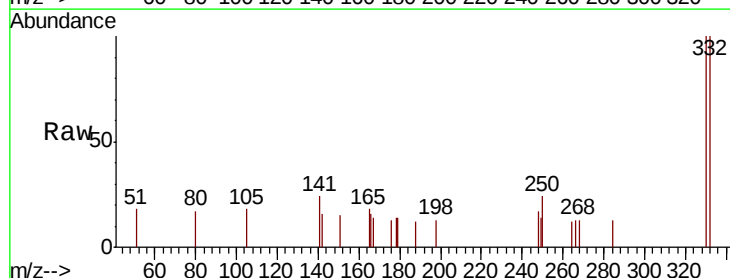


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

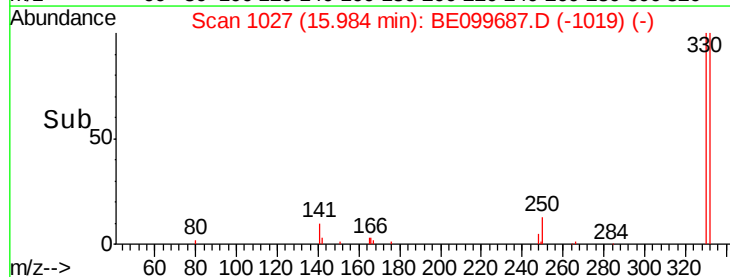
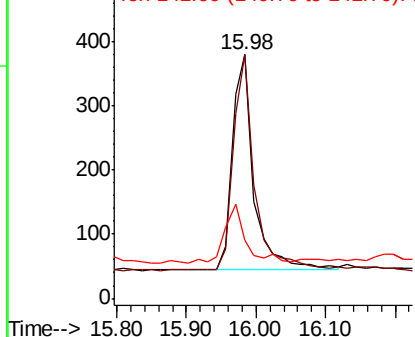


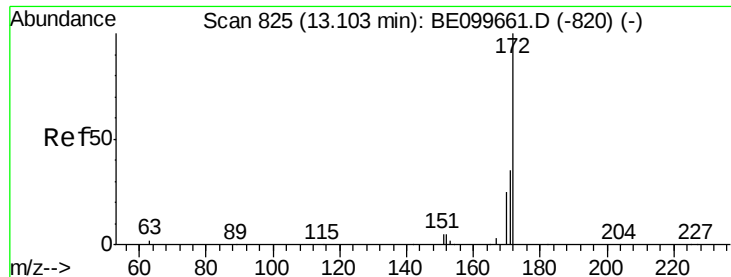
#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Tgt Ion:330 Resp: 715
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 26.7 18.9 28.3



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

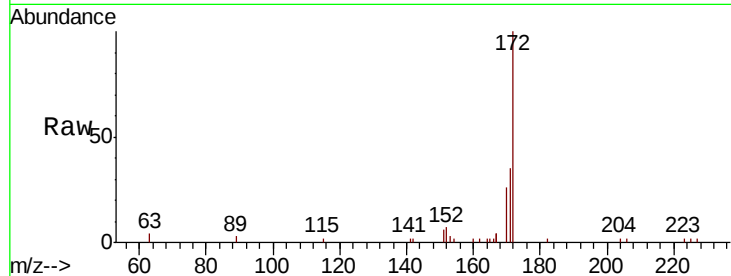




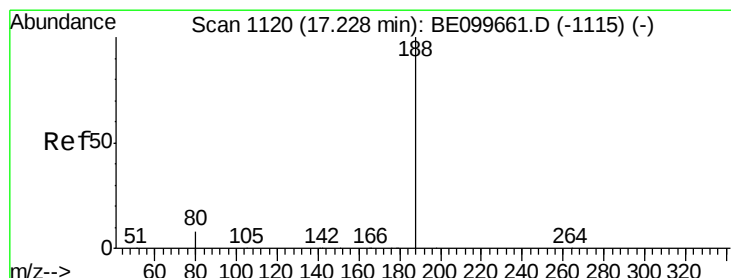
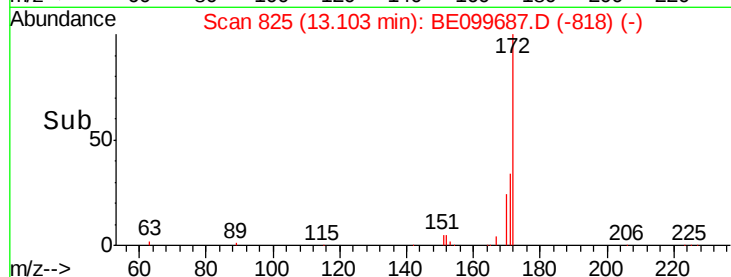
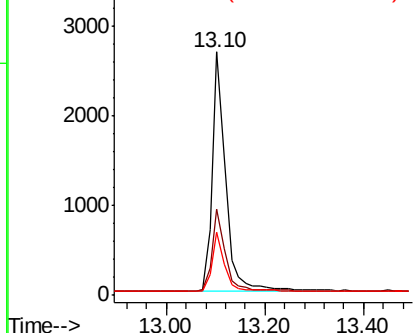
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Instrument :
BNA_E
ClientSampleId :
FESB-1(14.5-15)

Tot Ion:172 Resp: 5036
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 25.7 20.9 31.3

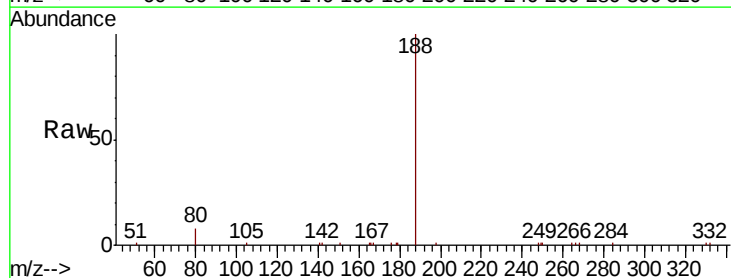


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

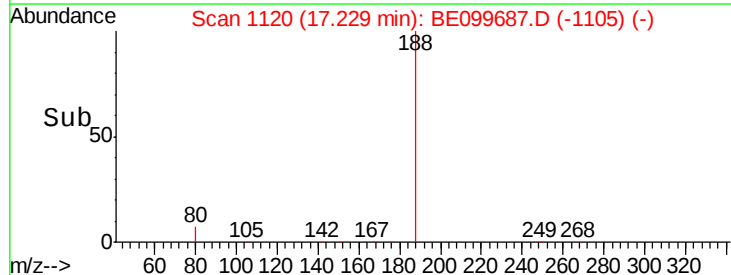
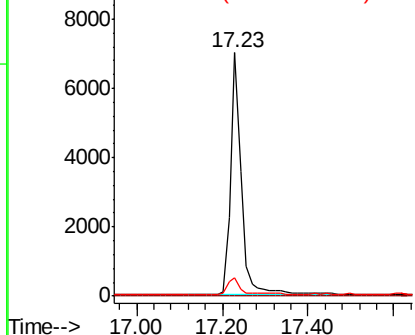


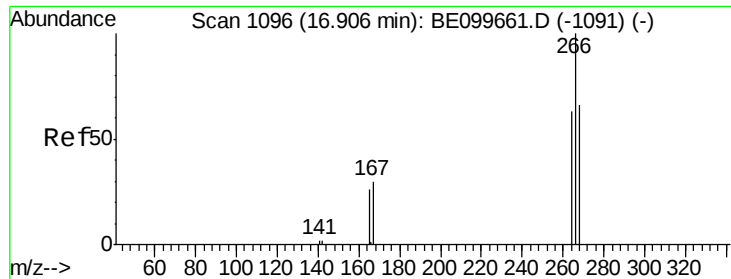
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Tgt Ion:188 Resp: 12015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 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

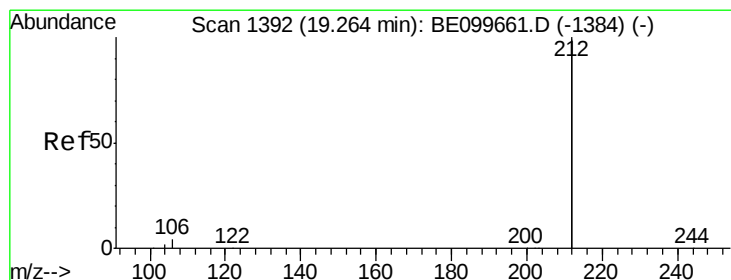
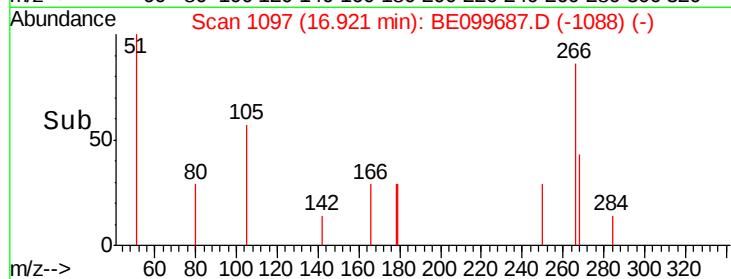
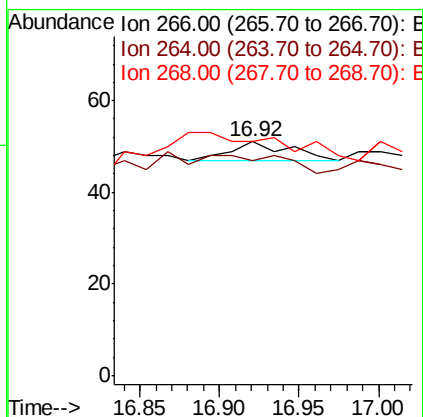
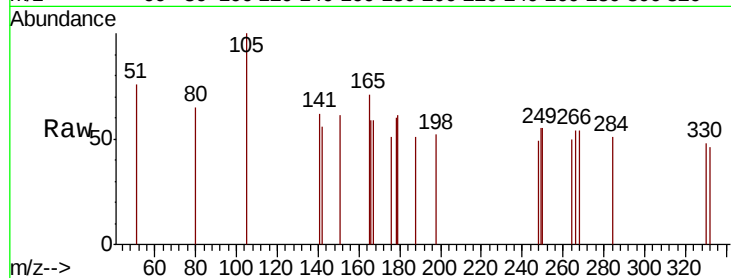




#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BE099687.D
 Acq: 21 May 2019 13:09

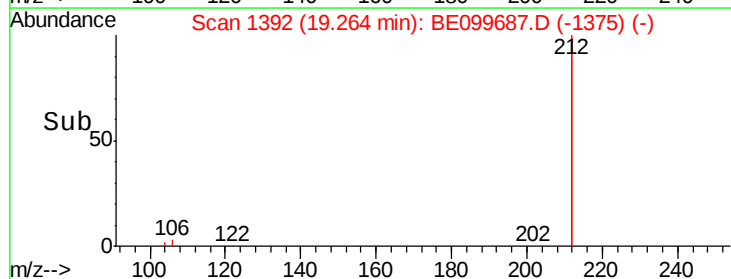
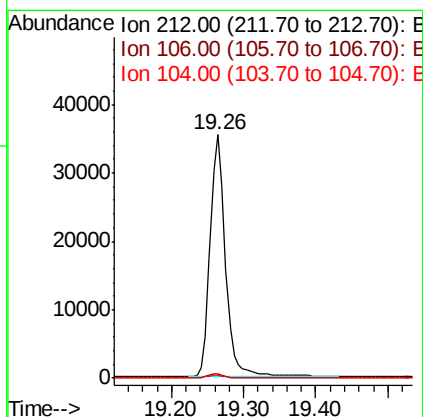
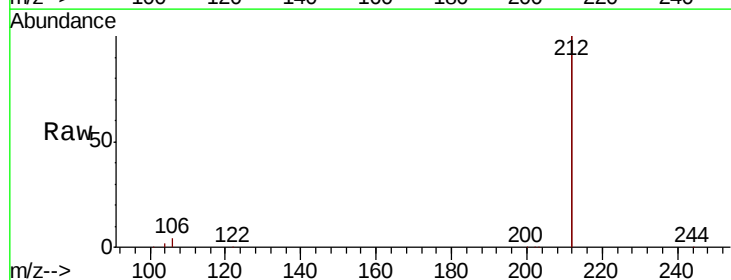
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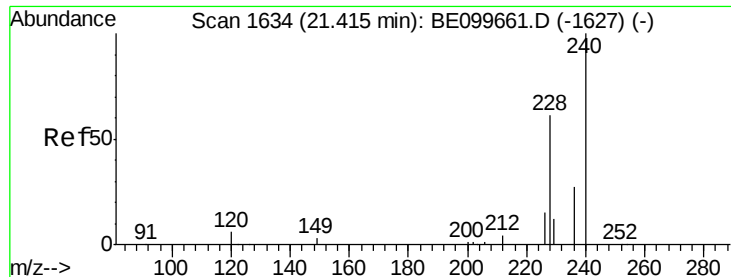
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 92.2 57.2 85.8#
 268 100.0 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.317 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099687.D
 Acq: 21 May 2019 13:09

Tgt Ion:212 Resp: 52068
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2

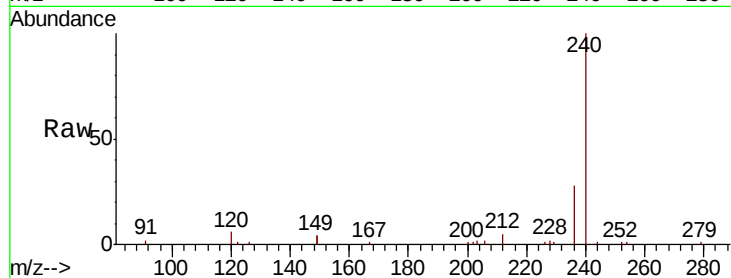




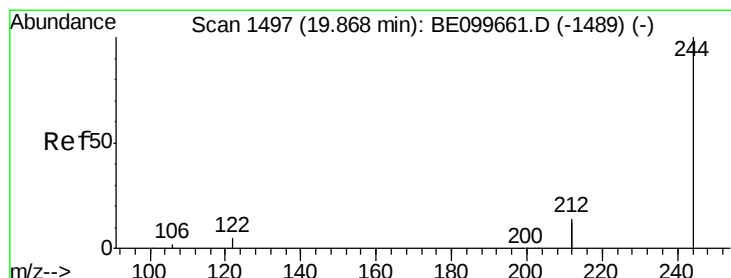
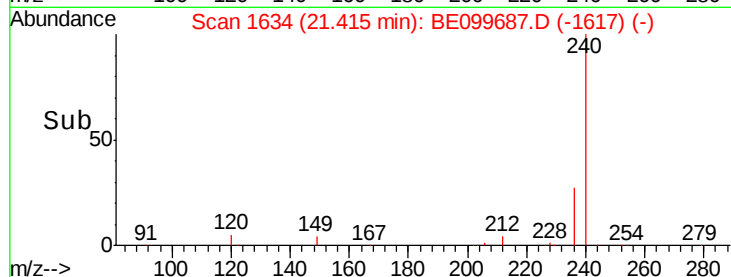
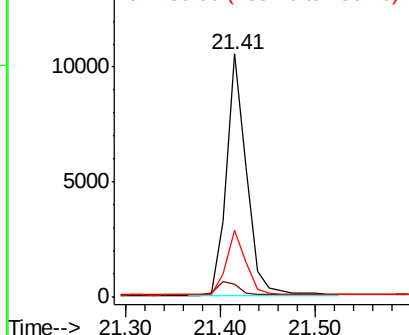
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Instrument :
BNA_E
ClientSampleId :
FESB-1(14.5-15)

Tot Ion:240 Resp: 15518
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 27.6 21.7 32.5

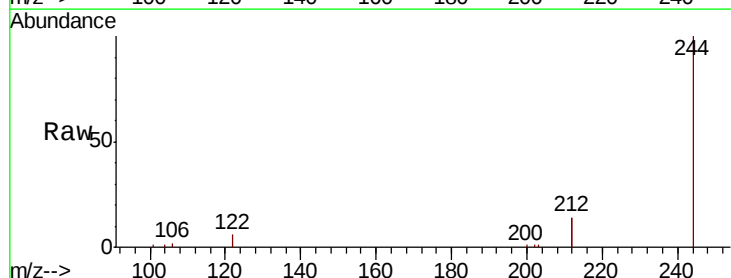


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

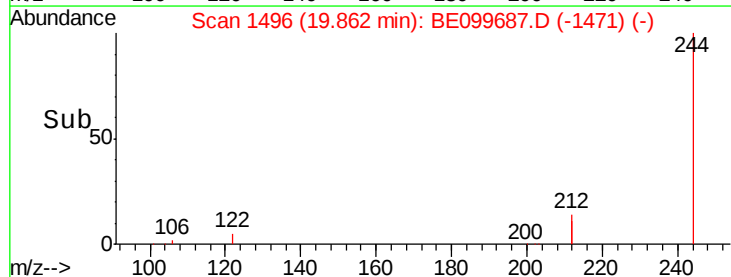
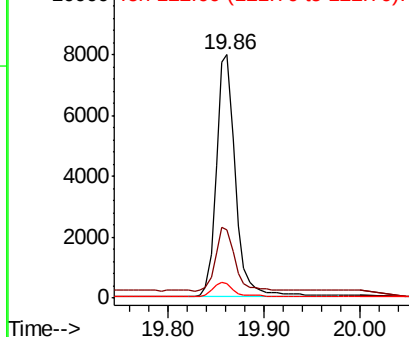


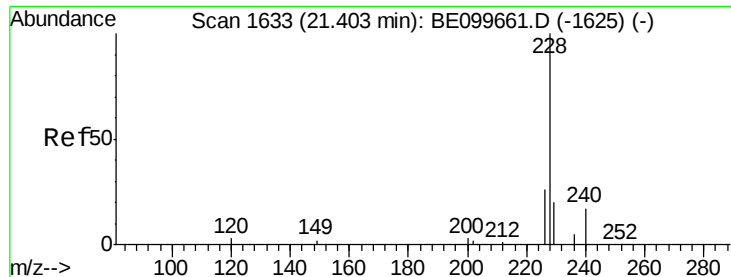
#29
Terphenyl-d14
Concen: 0.399 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099687.D
Acq: 21 May 2019 13:09

Tgt Ion:244 Resp: 11049
Ion Ratio Lower Upper
244 100
212 28.3 22.5 33.7
122 5.7 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





#30

Benzo(a)anthracene

Concen: 0.021 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.05 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

FESB-1(14.5-15)

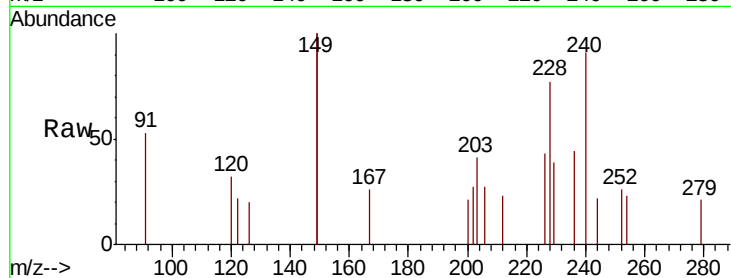
Tot Ion:228 Resp: 942

Ion Ratio Lower Upper

228 100

226 55.1 21.3 31.9#

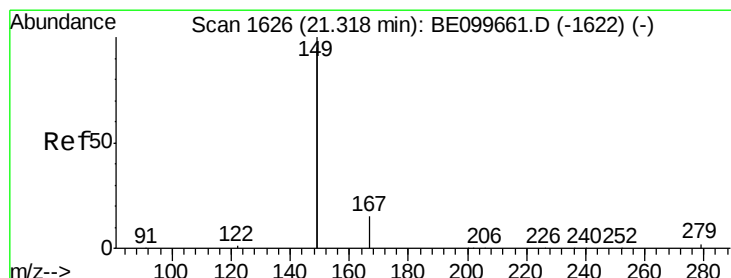
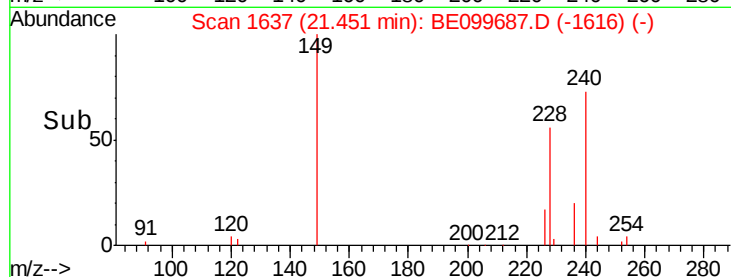
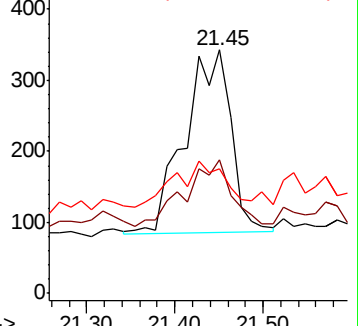
229 51.0 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.289 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

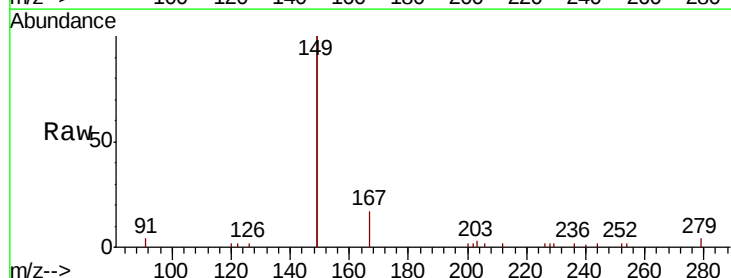
Tgt Ion:149 Resp: 14686

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

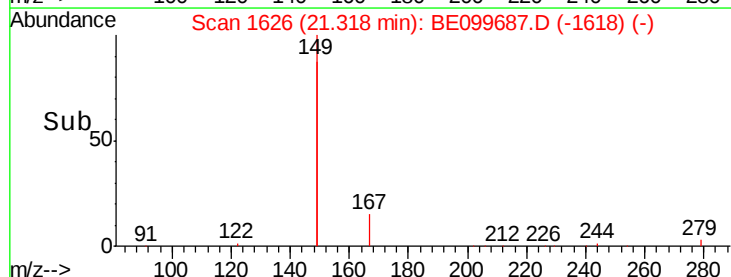
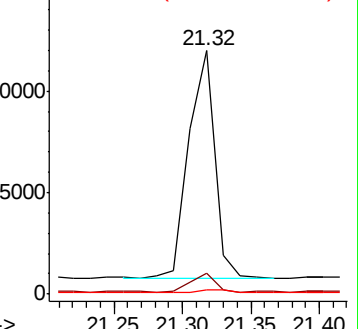
279 1.9 1.2 1.8#

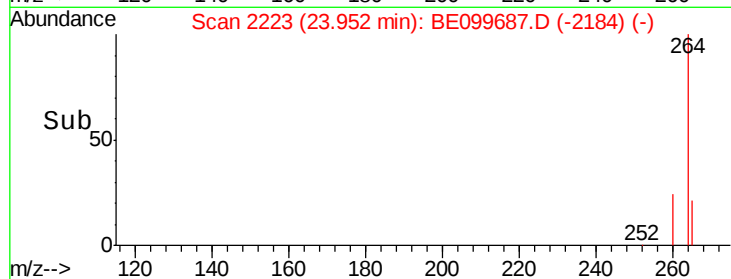
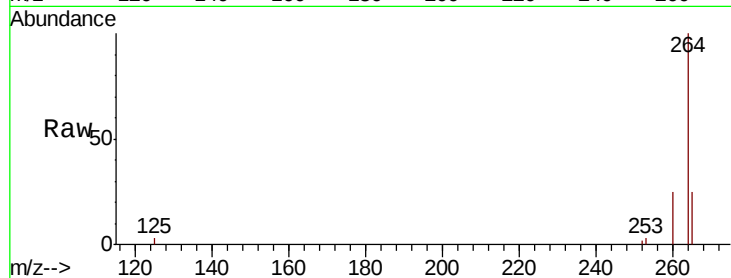
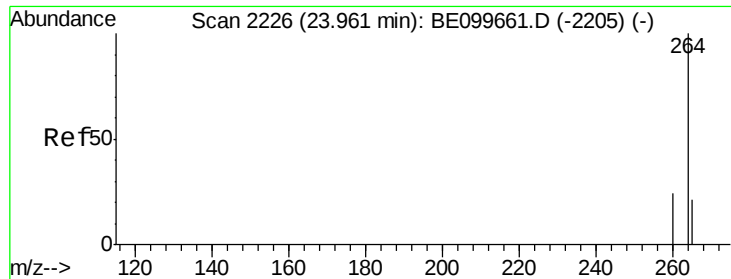


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099687.D

Acq: 21 May 2019 13:09

Instrument :

BNA_E

ClientSampleId :

FESB-1(14.5-15)

Tot Ion:264 Resp: 18873

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 25.4 19.1 28.7

