

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099675.D
 Acq On : 21 May 2019 00:09
 Operator : JU/SJ
 Sample : K2906-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-11(7-7.5)

Manual Integrations
 APPROVED

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 5/21/2019 3:26:19 PM

Quant Time: May 21 07:17:26 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	1363	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4534	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3158	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9732	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13770	0.40	ng	0.00
34) Perylene-d12	23.96	264	16925	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1276	0.37	ng	0.01
5) Phenol-d6	6.97	99	1710	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1427	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2865	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	573	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4323	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	46506	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	9954	0.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) Fluoranthene	19.29	202	1157	0.031	ng	# 98
28) Pyrene	19.66	202	1108	0.032	ng	# 92
30) Benzo(a)anthracene	21.40	228	1033	0.026	ng	# 84
31) Chrysene	21.45	228	912	0.022	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.32	149	13963	0.310	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	1036	0.021	ng	# 83
35) Benzo(b)fluoranthene	23.17	252	1668m	0.036	ng	
37) Benzo(a)pyrene	23.84	252	1064	0.024	ng	# 19
39) Benzo(g,h,i)perylene	27.49	276	1039	0.022	ng	# 63

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

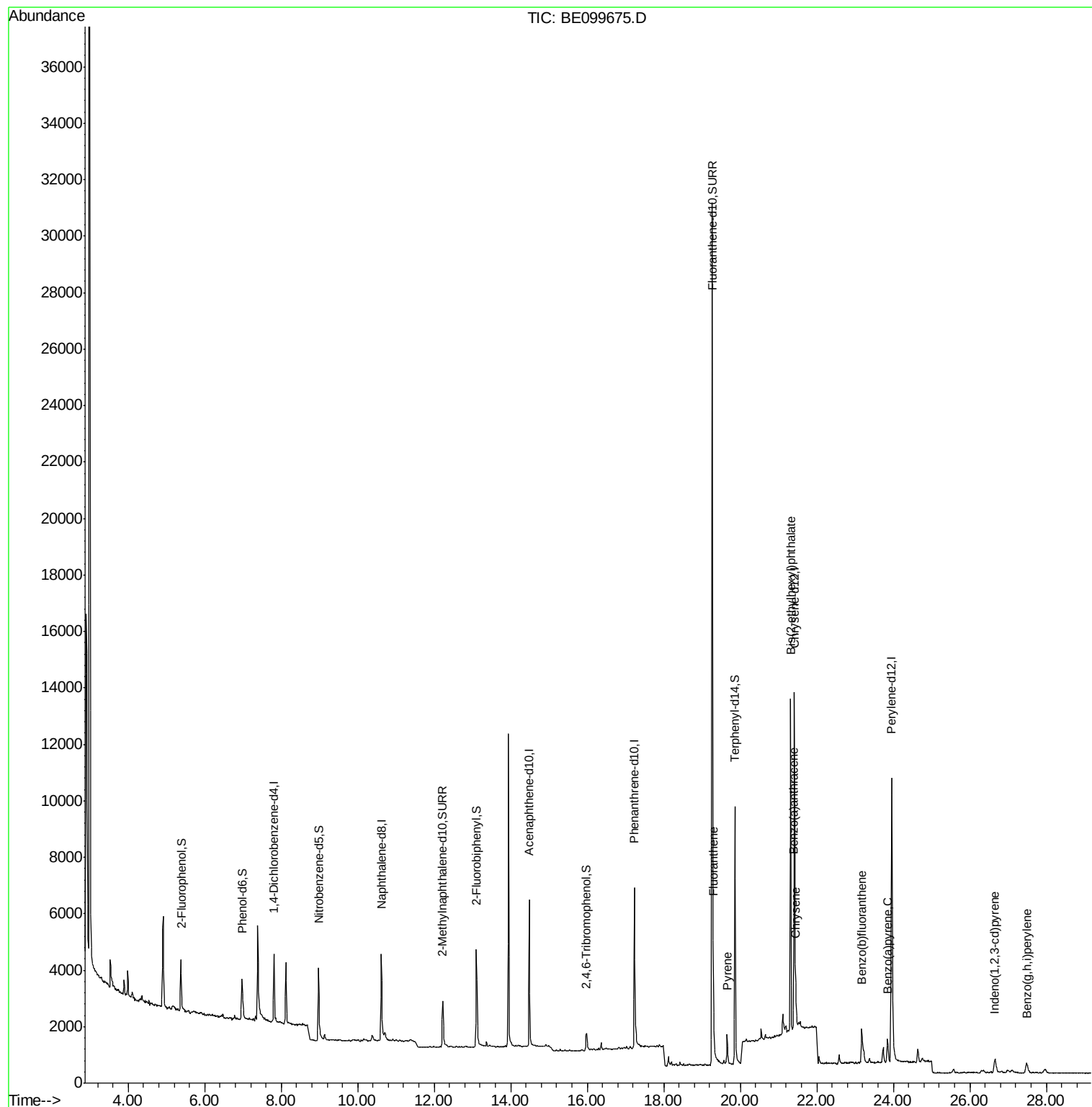
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
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ALS Vial : 9 Sample Multiplier: 1

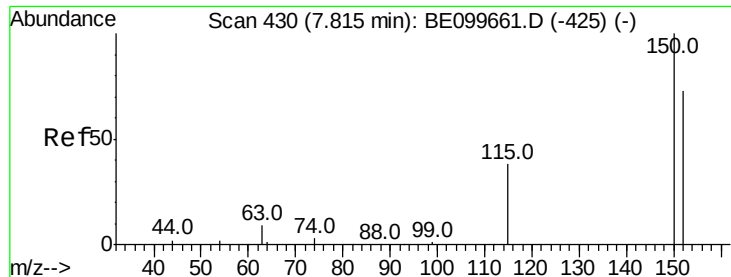
Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
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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# 430

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

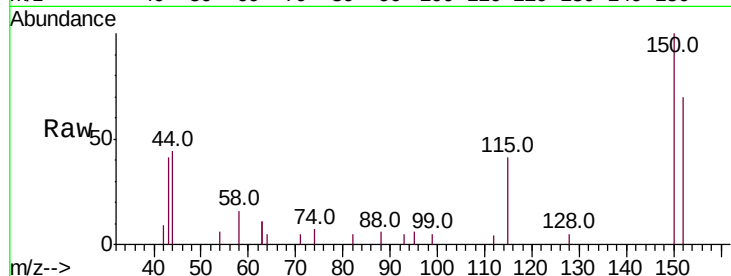
ClientSampleId :

FESB-11(7-7.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	109.2	163.8
115	58.5	43.7	65.5

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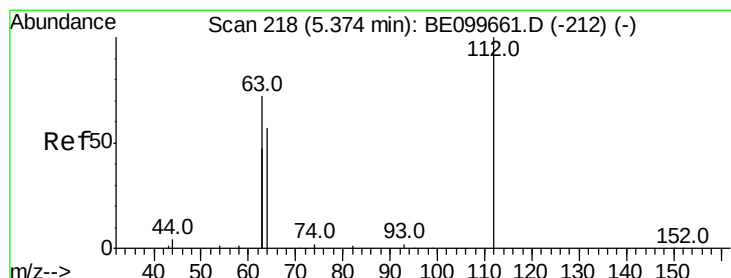
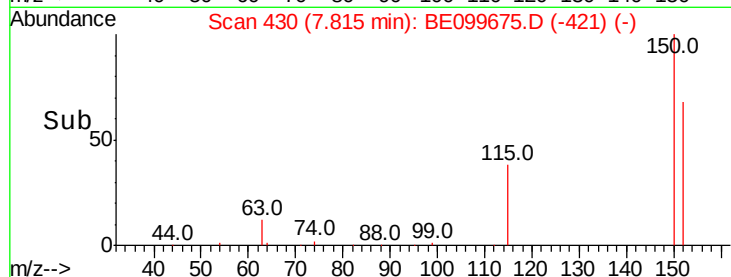
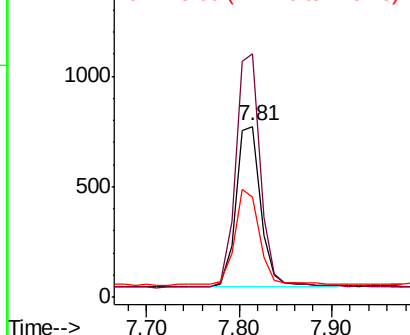


Abundance

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: 0.370 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

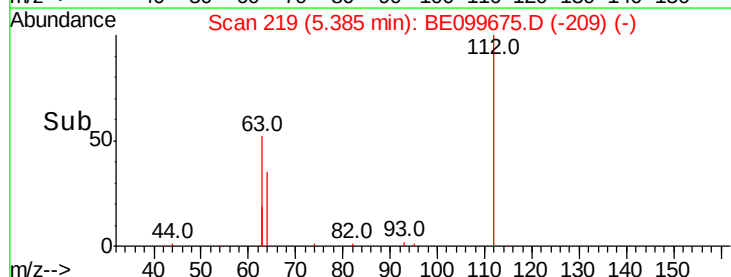
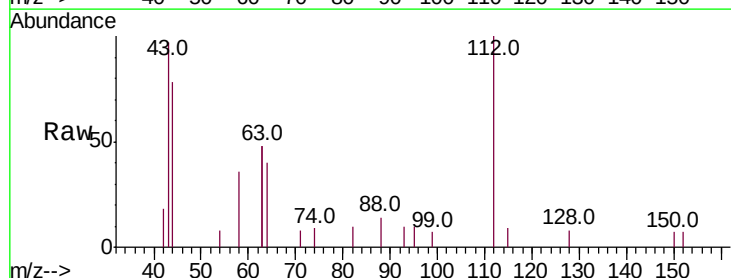
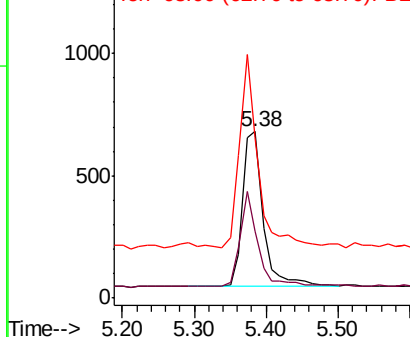
Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	43.4	65.2
63	105.3	96.9	145.3

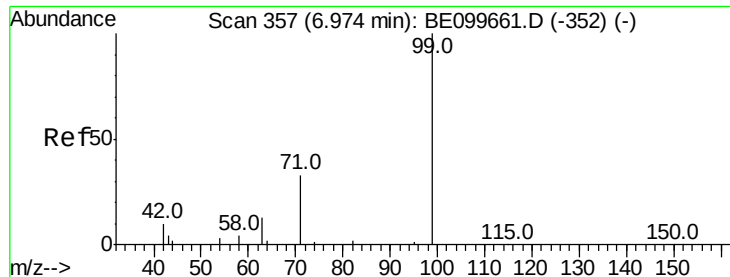
Abundance

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: 0.375 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

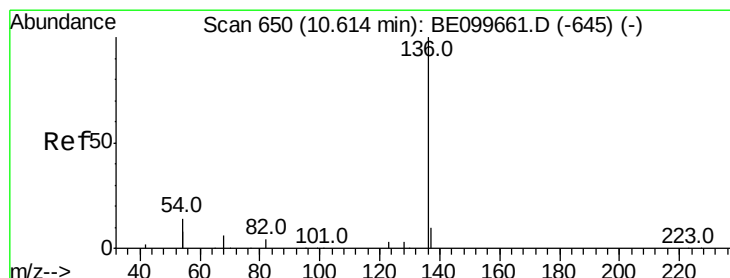
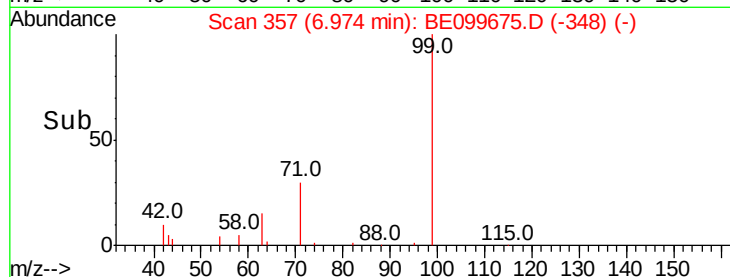
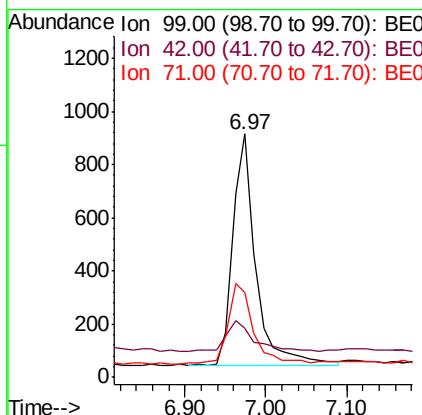
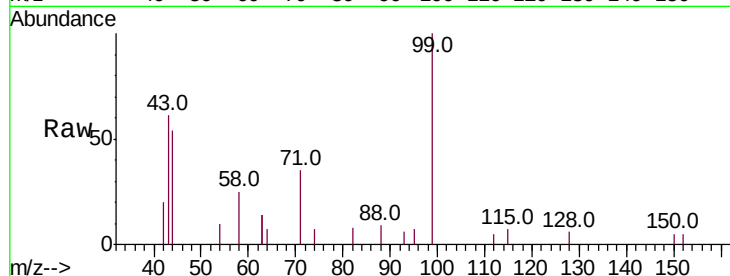
ClientSampleId :

FESB-11(7-7.5)

Tot Ion:	99	Resp:	1710
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	37.8	28.9	43.3

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#7

Naphthalene-d8

Concen: 0.400 ng

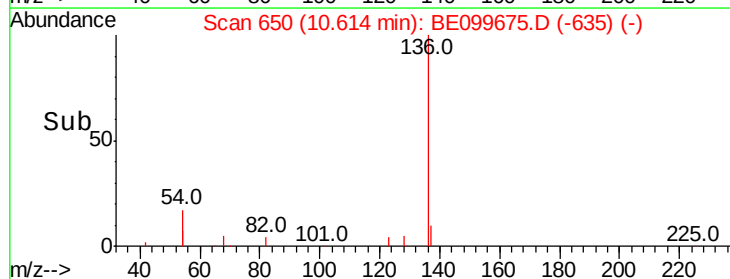
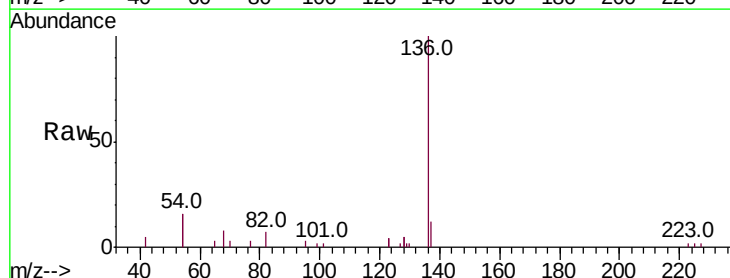
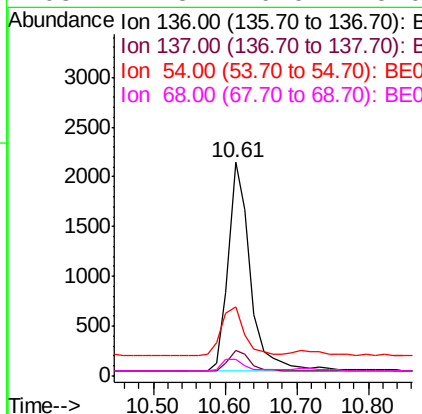
RT: 10.61 min Scan# 650

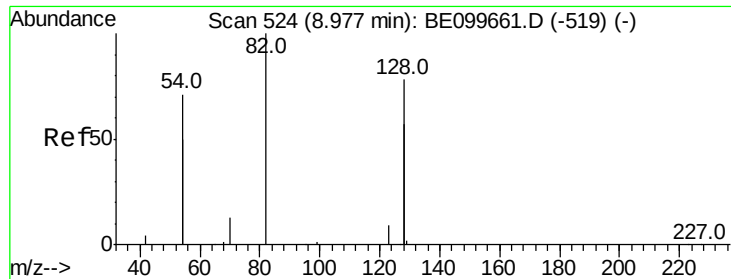
Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Tgt Ion:	136	Resp:	4534
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.6
54	32.6	22.3	33.5
68	7.8	6.0	9.0





#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

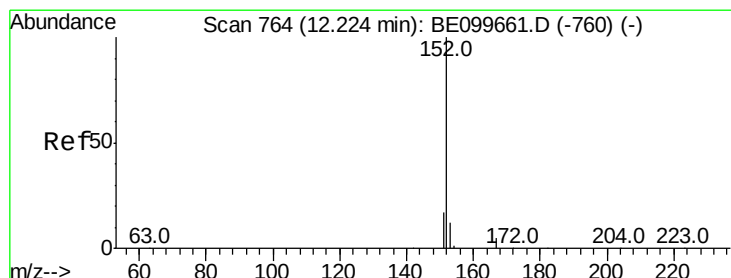
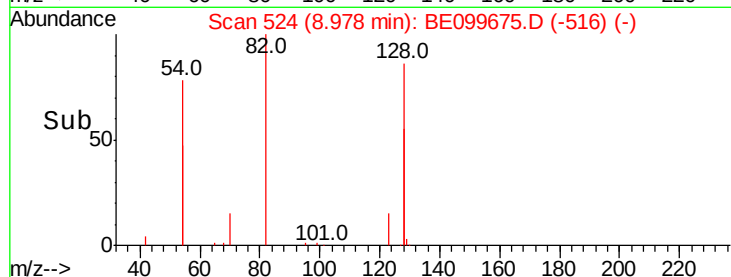
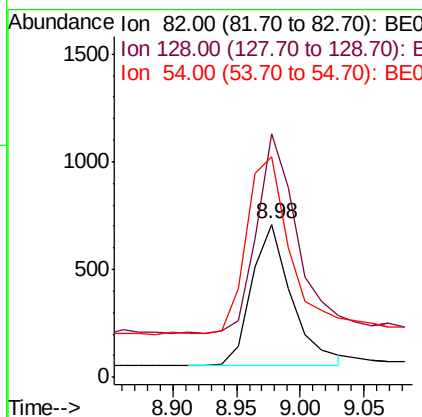
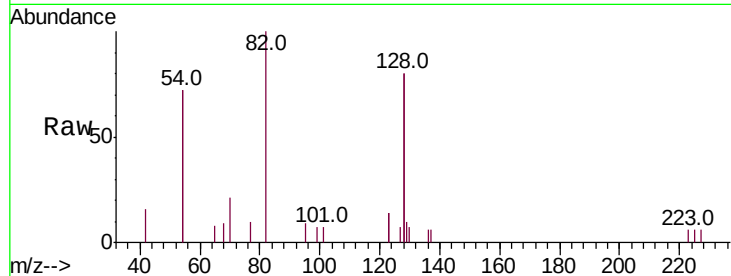
ClientSampleId :

FESB-11(7-7.5)

Tot Ion:	82	Resp:	1427
Ion	Ratio	Lower	Upper
82	100		
128	159.2	117.7	176.5
54	144.5	106.6	160.0

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#11

2-Methylnaphthalene-d10

Concen: 0.366 ng

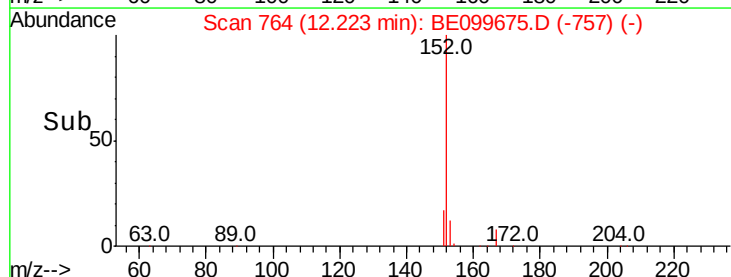
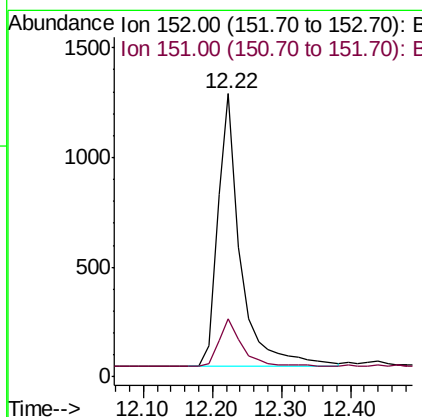
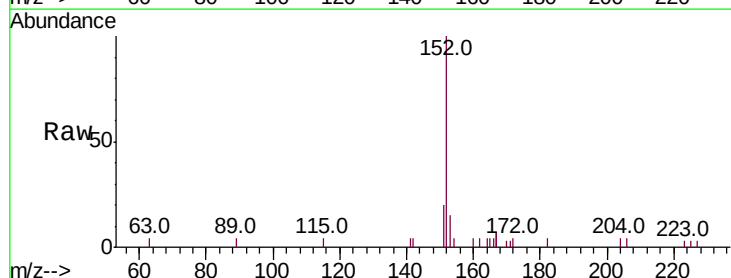
RT: 12.22 min Scan# 764

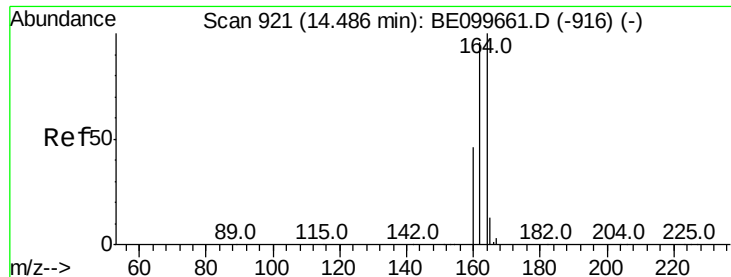
Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Tgt Ion:	152	Resp:	2865
Ion	Ratio	Lower	Upper
152	100		
151	18.2	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: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

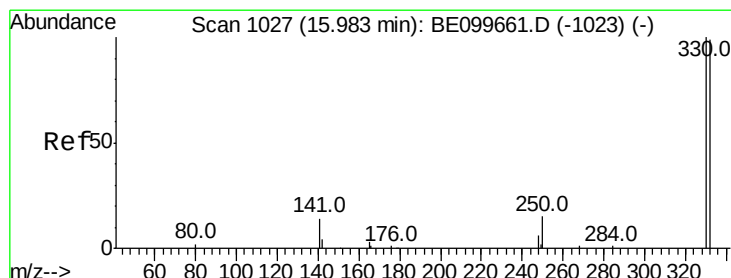
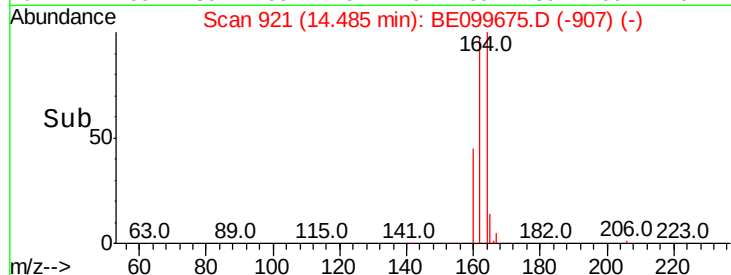
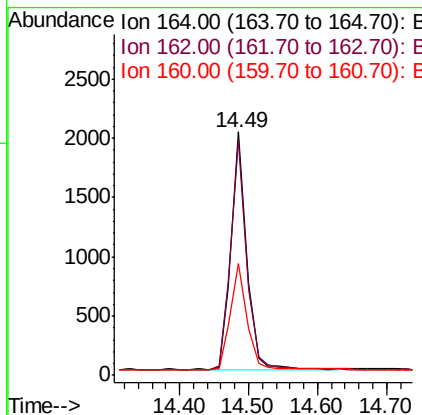
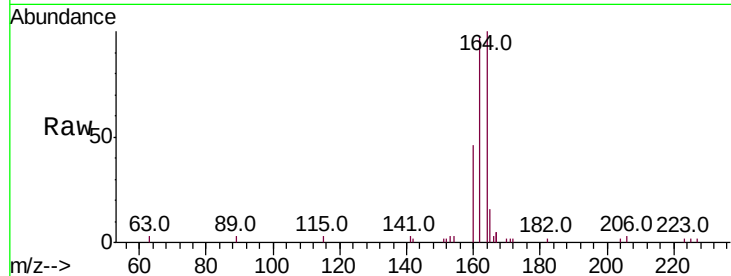
ClientSampleId :

FESB-11(7-7.5)

Tot Ion:	164	Resp:	3158
Ion Ratio	Lower	Upper	
164	100		
162	96.6	76.5	114.7
160	46.1	37.4	56.2

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#14

2,4,6-Tribromophenol

Concen: 0.371 ng

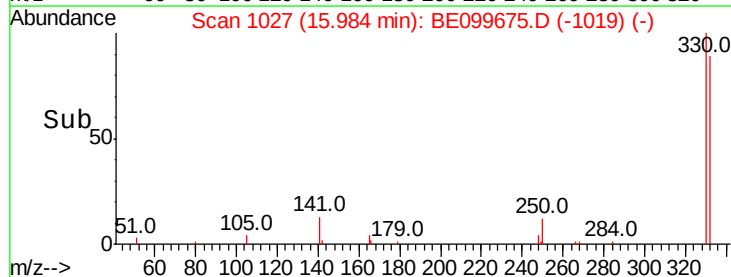
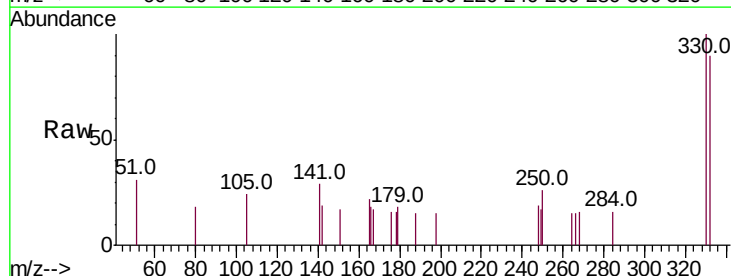
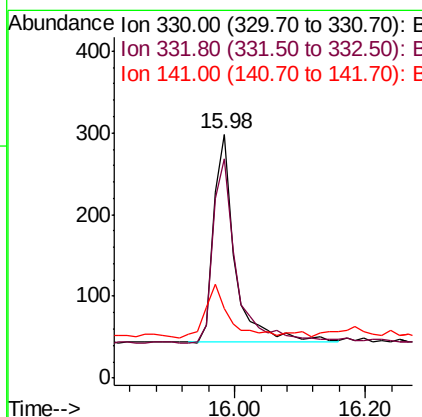
RT: 15.98 min Scan# 1027

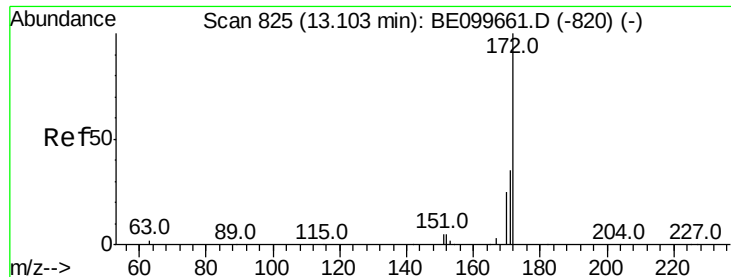
Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Tgt Ion:	330	Resp:	573
Ion Ratio	Lower	Upper	
330	100		
332	100.2	77.3	115.9
141	28.8	18.9	28.3#





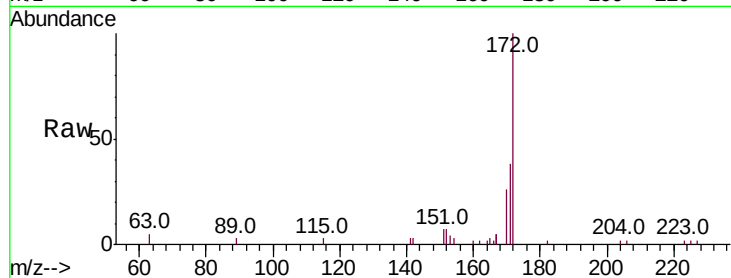
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Instrument :
BNA_E
ClientSampled :
FESB-11(7-7.5)

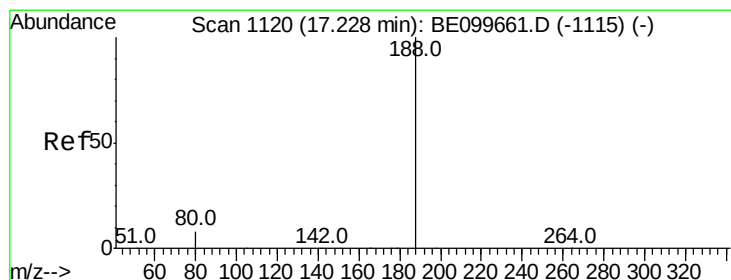
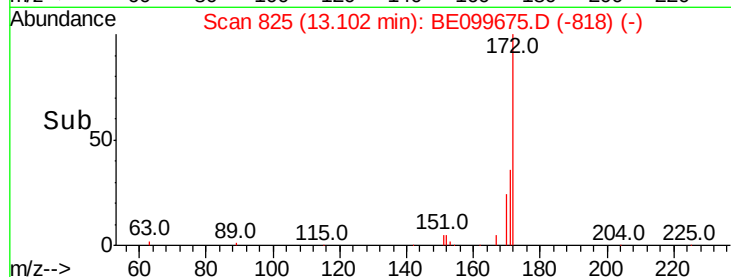
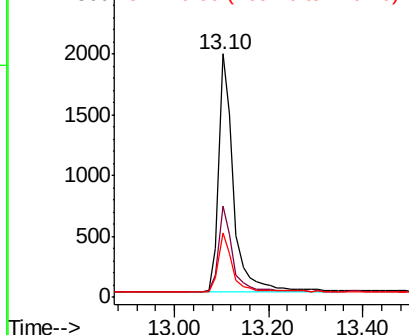
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	26.3	20.9	31.3

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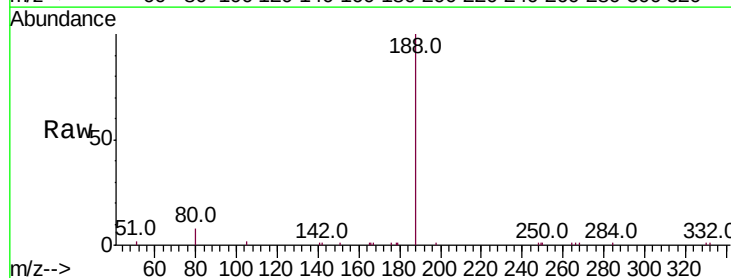


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

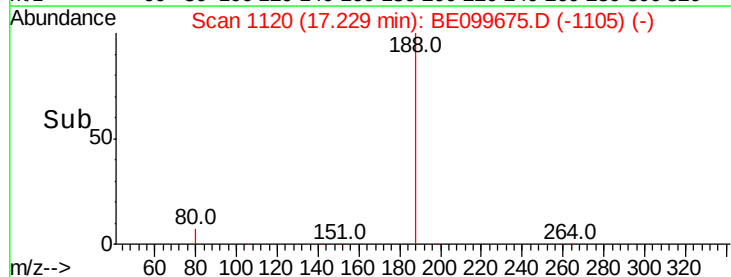
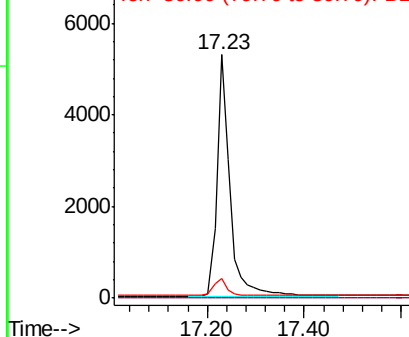


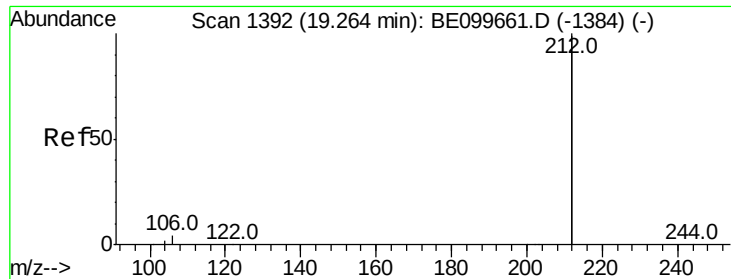
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	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





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

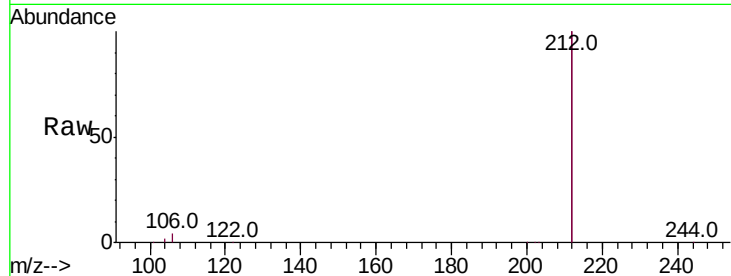
ClientSampleId :

FESB-11(7-7.5)

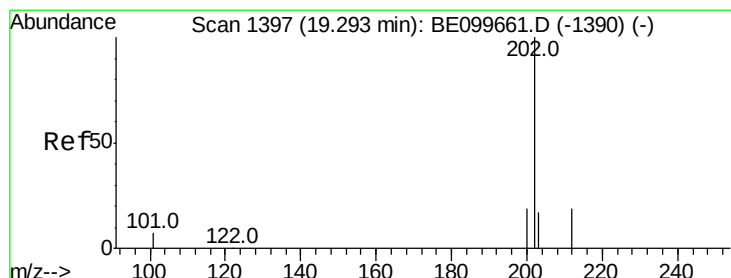
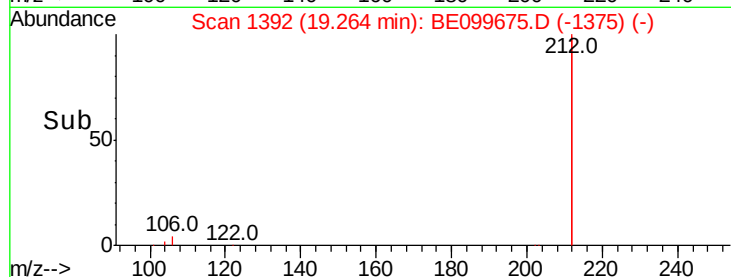
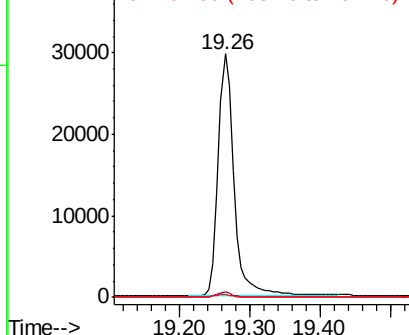
Tot Ion:212	Resp:	46506
Ion Ratio	Lower	Upper
212 100		
106 2.0	1.4	2.2
104 1.1	0.8	1.2

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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



#26

Fluoranthene

Concen: 0.031 ng

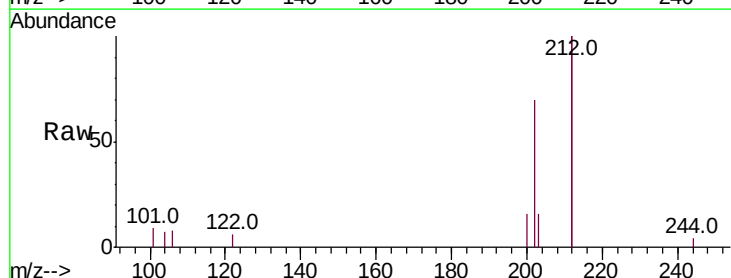
RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

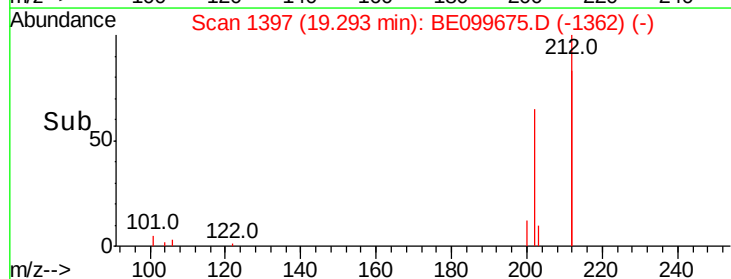
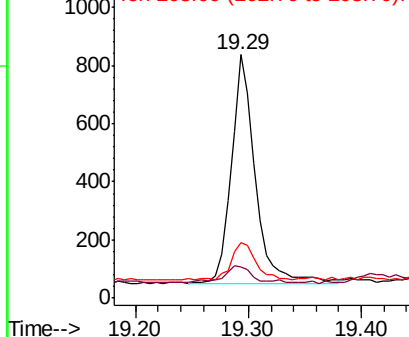
Lab File: BE099675.D

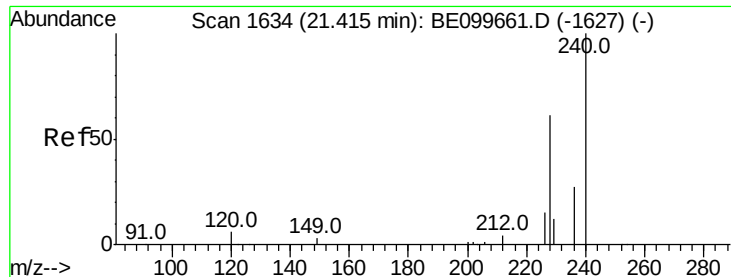
Acq: 21 May 2019 00:09

Tgt Ion:202	Resp:	1157
Ion Ratio	Lower	Upper
202 100		
101 8.1	5.2	7.8#
203 17.4	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





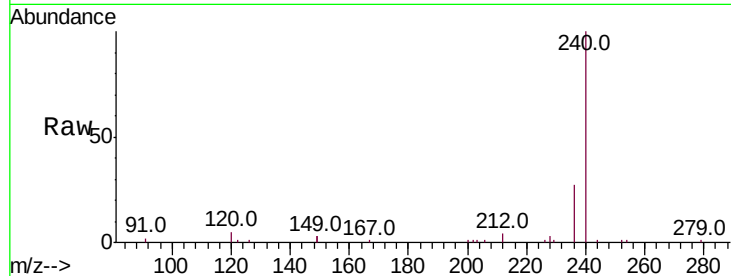
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.4	8.0
236	26.7	21.7	32.5

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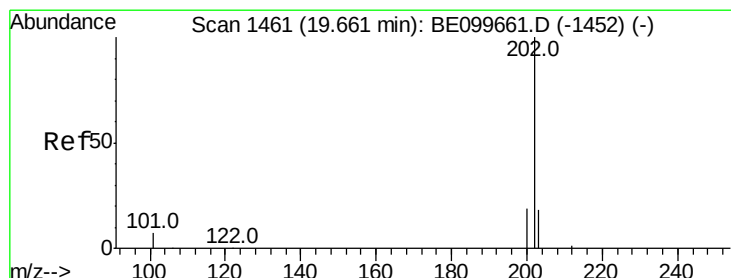
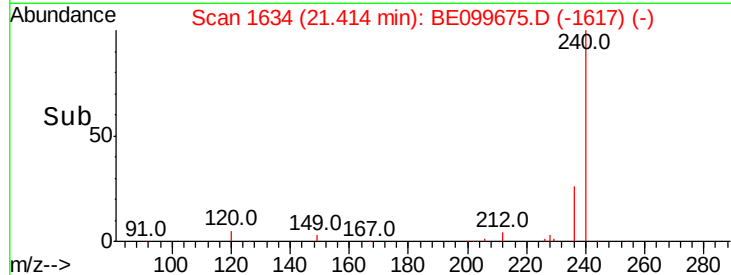
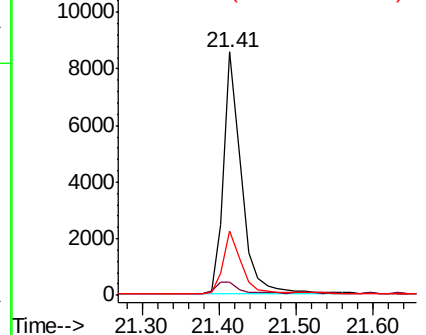


Abundance

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



#28
Pyrene
Concen: 0.032 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

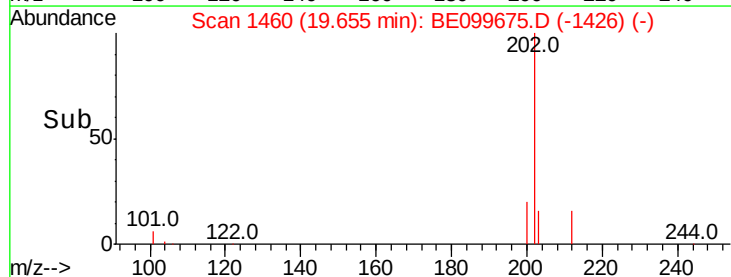
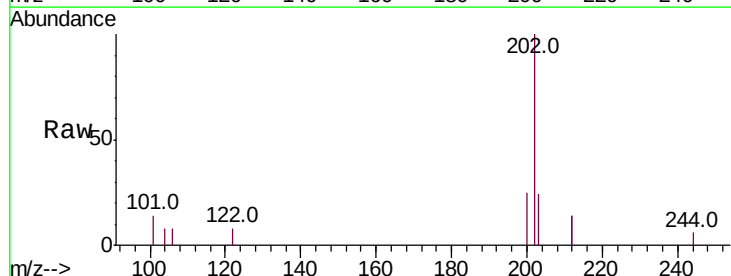
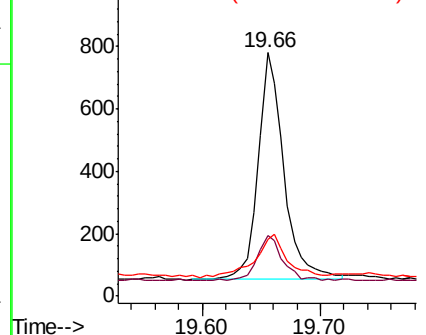
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.4	23.2
203	24.3	13.8	20.8

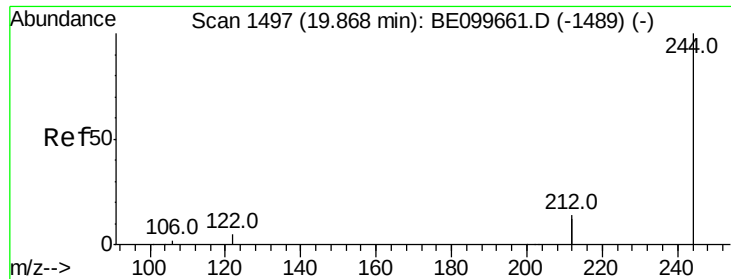
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

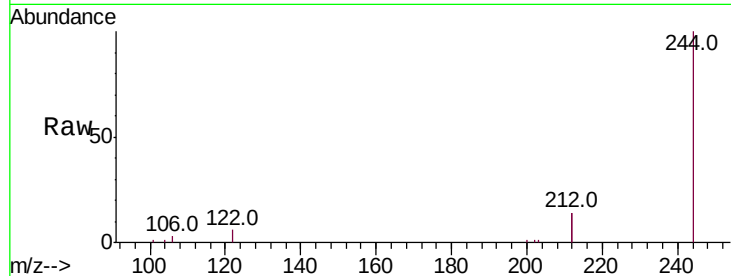
ClientSampleId :

FESB-11(7-7.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	28.1	22.5	33.7
122	6.2	4.3	6.5

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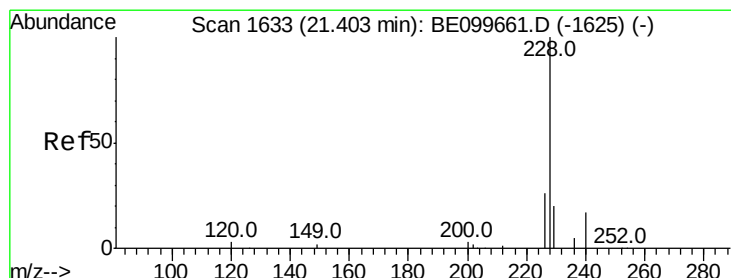
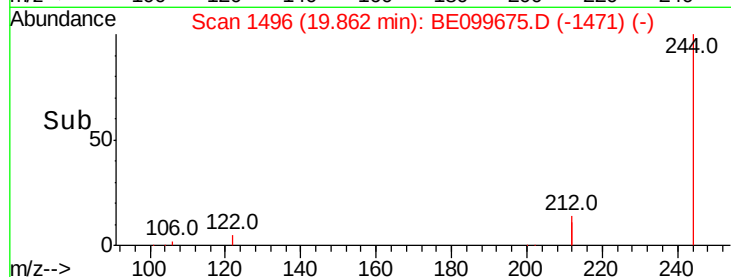
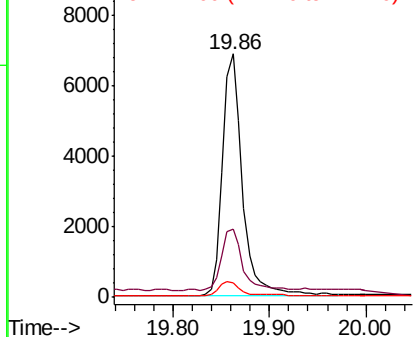


Abundance

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: 0.026 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

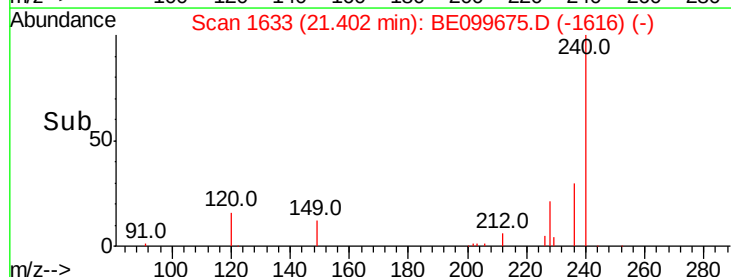
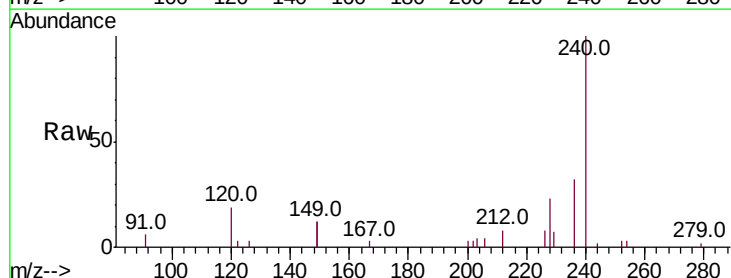
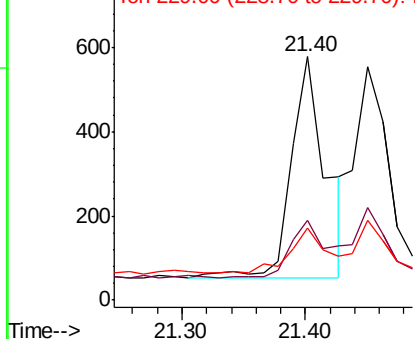
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	21.3	31.9#
229	29.8	16.1	24.1#

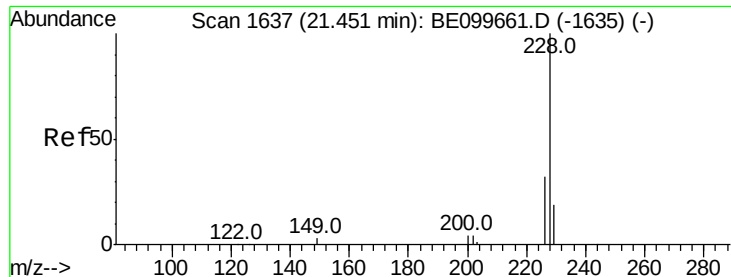
Abundance

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





#31

Chrysene

Concen: 0.022 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

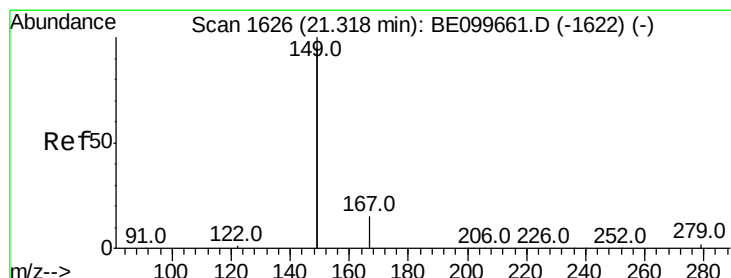
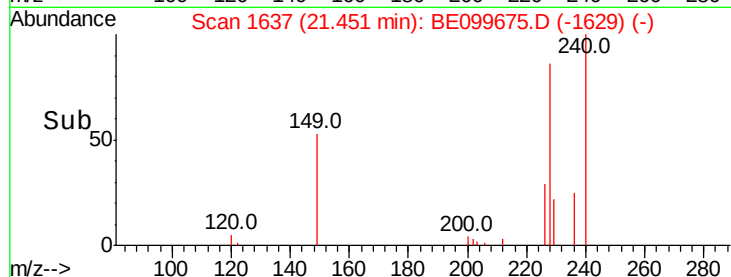
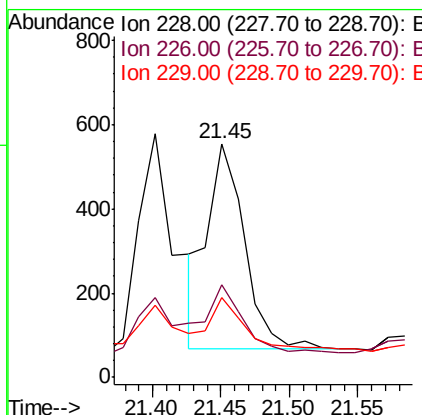
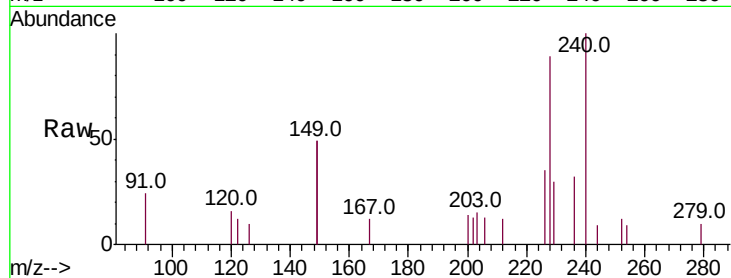
ClientSampleId :

FESB-11(7-7.5)

Tot Ion:228	Resp:	912
Ion Ratio	Lower	Upper
228 100		
226 39.6	24.7	37.1#
229 34.1	15.8	23.6#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.310 ng

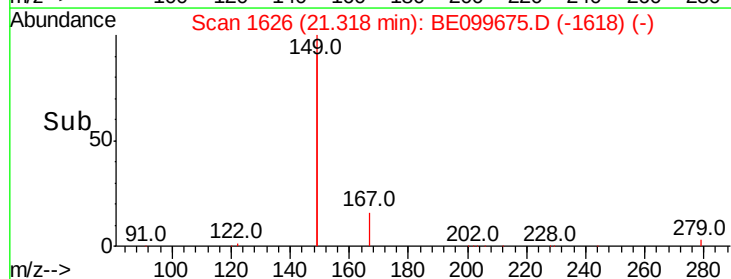
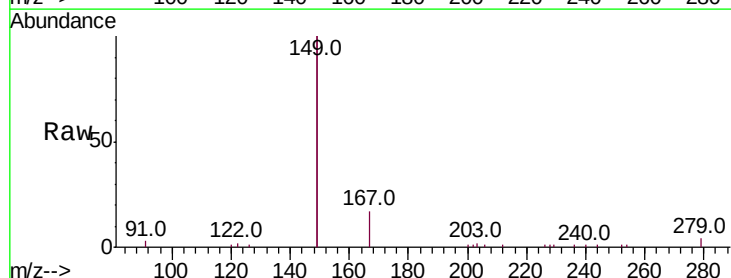
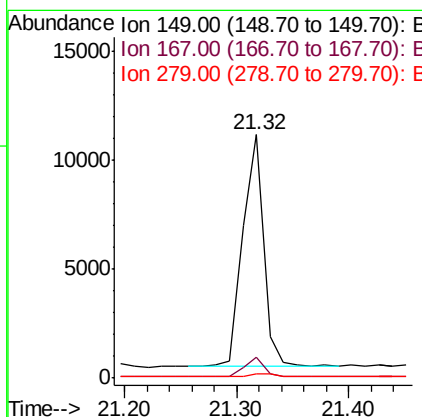
RT: 21.32 min Scan# 1626

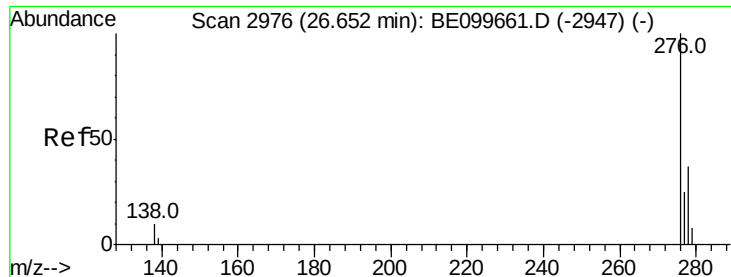
Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Tgt Ion:149	Resp:	13963
Ion Ratio	Lower	Upper
149 100		
167 7.8	6.2	9.4
279 1.5	1.2	1.8





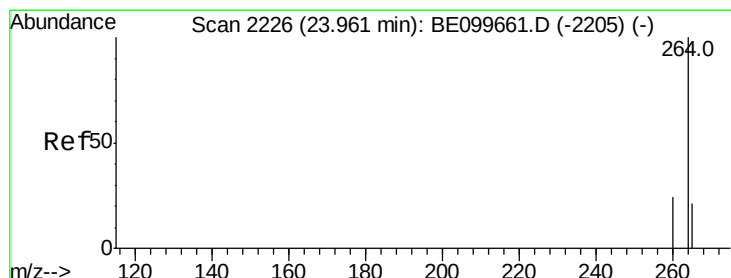
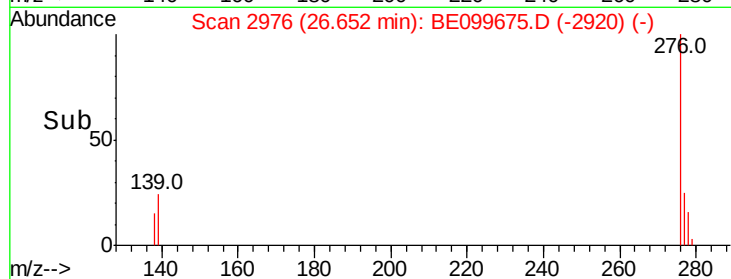
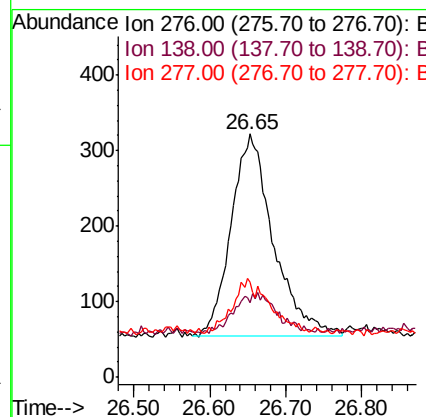
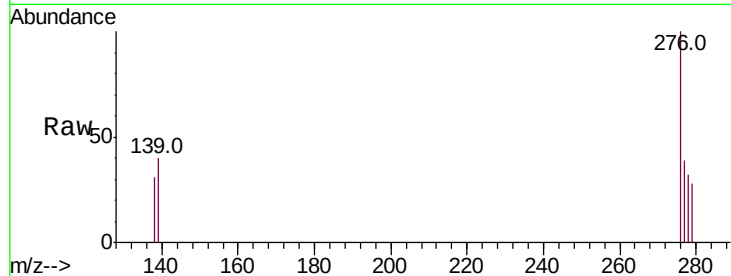
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 26.65 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	9.6	14.4#
277	13.8	19.2	28.8#

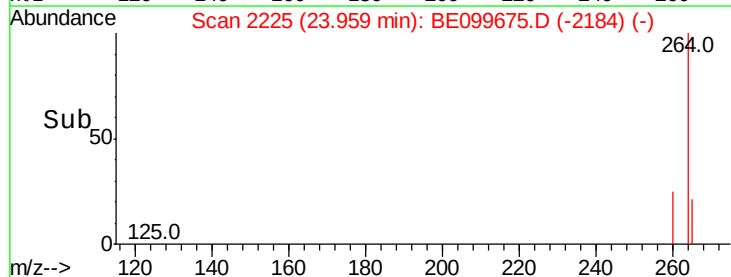
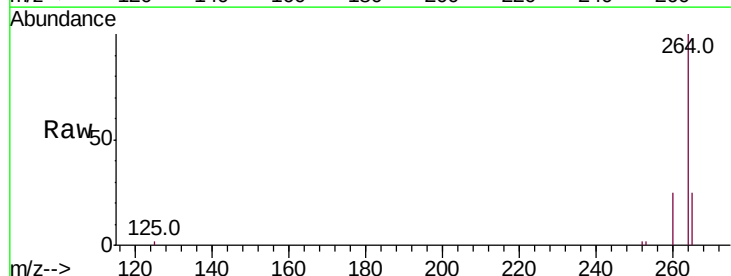
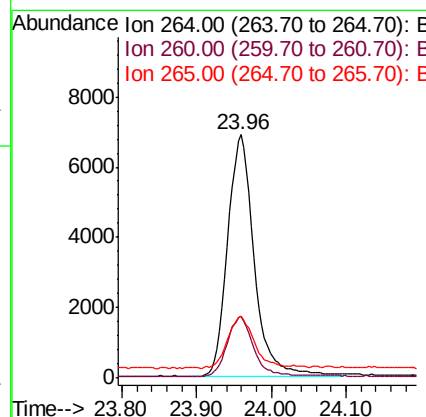
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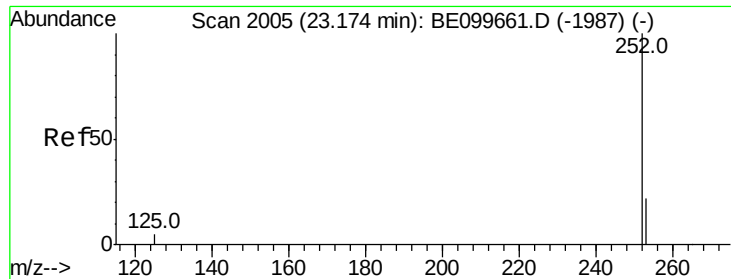
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	25.2	19.1	28.7





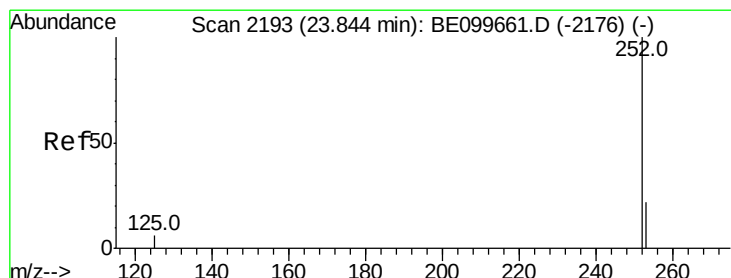
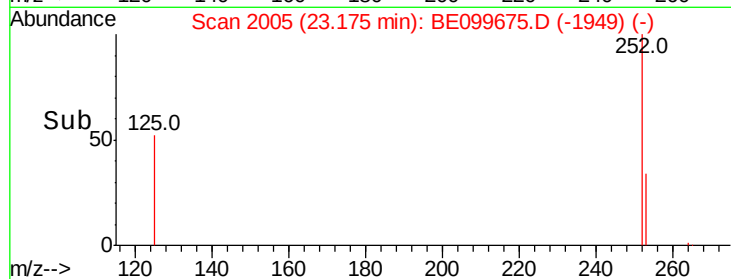
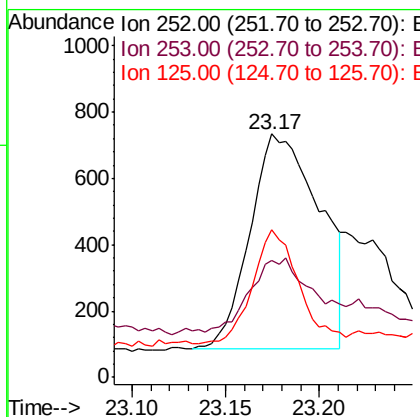
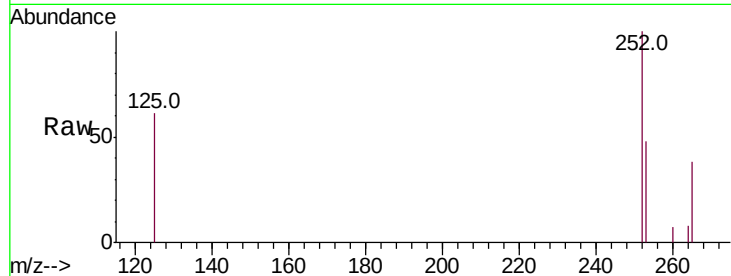
#35
Benzo(b)fluoranthene
Concen: 0.036 ng m
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tot Ion:252 Resp: 1668
Ion Ratio Lower Upper
252 100
253 48.1 18.2 27.4#
125 60.6 4.5 6.7#

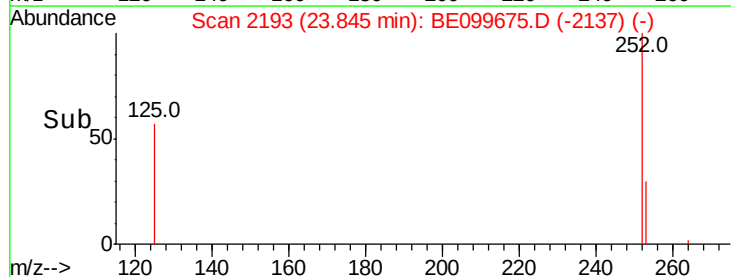
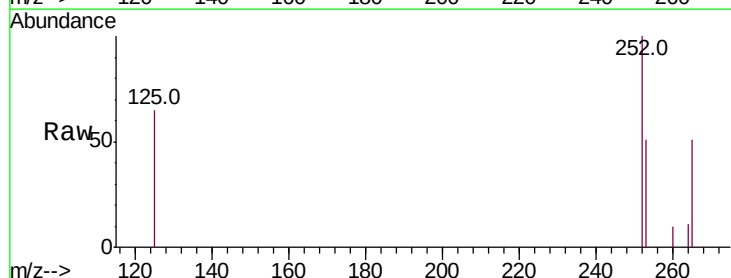
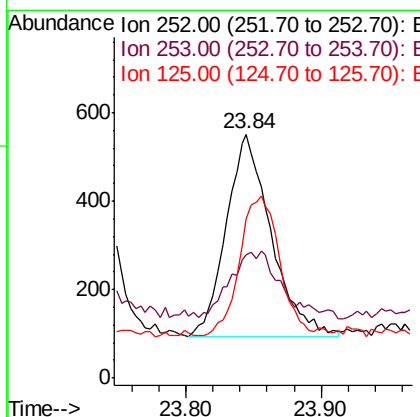
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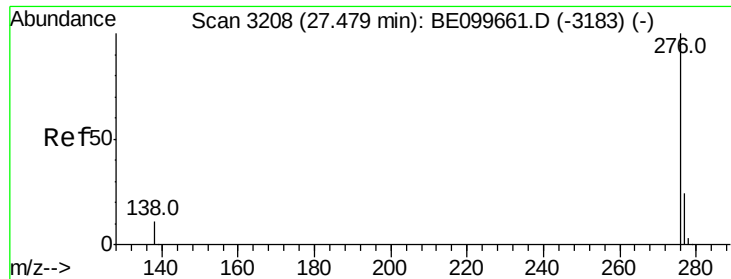
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#37
Benzo(a)pyrene
Concen: 0.024 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Tgt Ion:252 Resp: 1064
Ion Ratio Lower Upper
252 100
253 50.8 18.9 28.3#
125 65.3 5.4 8.0#





#39

Benzo(a,h,i)perylene

Concen: 0.022 ng

RT: 27.49 min Scan# 3210

Delta R.T. 0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

Tot Ion:	276	Resp:	1039
Ion Ratio	Lower	Upper	
276	100		
277	41.6	19.8	29.6#
138	28.9	9.2	13.8#

Manual Integrations
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