

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
 Data File : BE099722.D
 Acq On : 22 May 2019 16:22
 Operator : JU/SJ
 Sample : K2966-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-14(4.5-5)MSD

Manual Integrations
 APPROVED

mohammad
 5/24/2019 8:48:07 AM

Quant Time: May 23 08:23:41 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	7.80	152	1491	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	5069	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3585	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11114	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16484	0.40	ng	0.00
34) Perylene-d12	23.96	264	19618	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1358	0.36	ng	0.00
5) Phenol-d6	6.96	99	1934	0.39	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1606	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2305m	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	794	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3859	0.28	ng	0.00
25) Fluoranthene-d10	19.26	212	41347	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	8525	0.29	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	514	0.233	ng	# 14
3) n-Nitrosodimethylamine	3.62	42	421	0.345	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	1465	0.330	ng	98
9) Naphthalene	10.67	128	20705	0.382	ng	99
10) Hexachlorobutadiene	10.94	225	1282	0.321	ng	98
12) 2-Methylnaphthalene	12.30	142	3135	0.355	ng	97
16) Acenaphthylene	14.20	152	8700	0.521	ng	99
17) Acenaphthene	14.54	154	3276	0.349	ng	98
18) Fluorene	15.53	166	4981	0.361	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	1995	0.311	ng	92
21) Hexachlorobenzene	16.53	284	2048	0.312	ng	99
22) Pentachlorophenol	16.88	266	2373	1.233	ng	90
23) Phenanthrene	17.27	178	10704	0.394	ng	99
24) Anthracene	17.36	178	10745	0.436	ng	99
26) Fluoranthene	19.29	202	21572	0.502	ng	100
28) Pyrene	19.65	202	24059	0.581	ng	97
30) Benzo(a)anthracene	21.40	228	26644m	0.569	ng	
31) Chrysene	21.45	228	24243	0.484	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	33320	0.617	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	42350	0.700	ng	99
35) Benzo(b)fluoranthene	23.17	252	33630	0.626	ng	# 95
36) Benzo(k)fluoranthene	23.22	252	23375	0.417	ng	# 96
37) Benzo(a)pyrene	23.84	252	28832	0.557	ng	# 97
38) Dibenzo(a,h)anthracene	26.67	278	21345	0.393	ng	97
39) Benzo(g,h,i)perylene	27.48	276	38673	0.705	ng	99

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

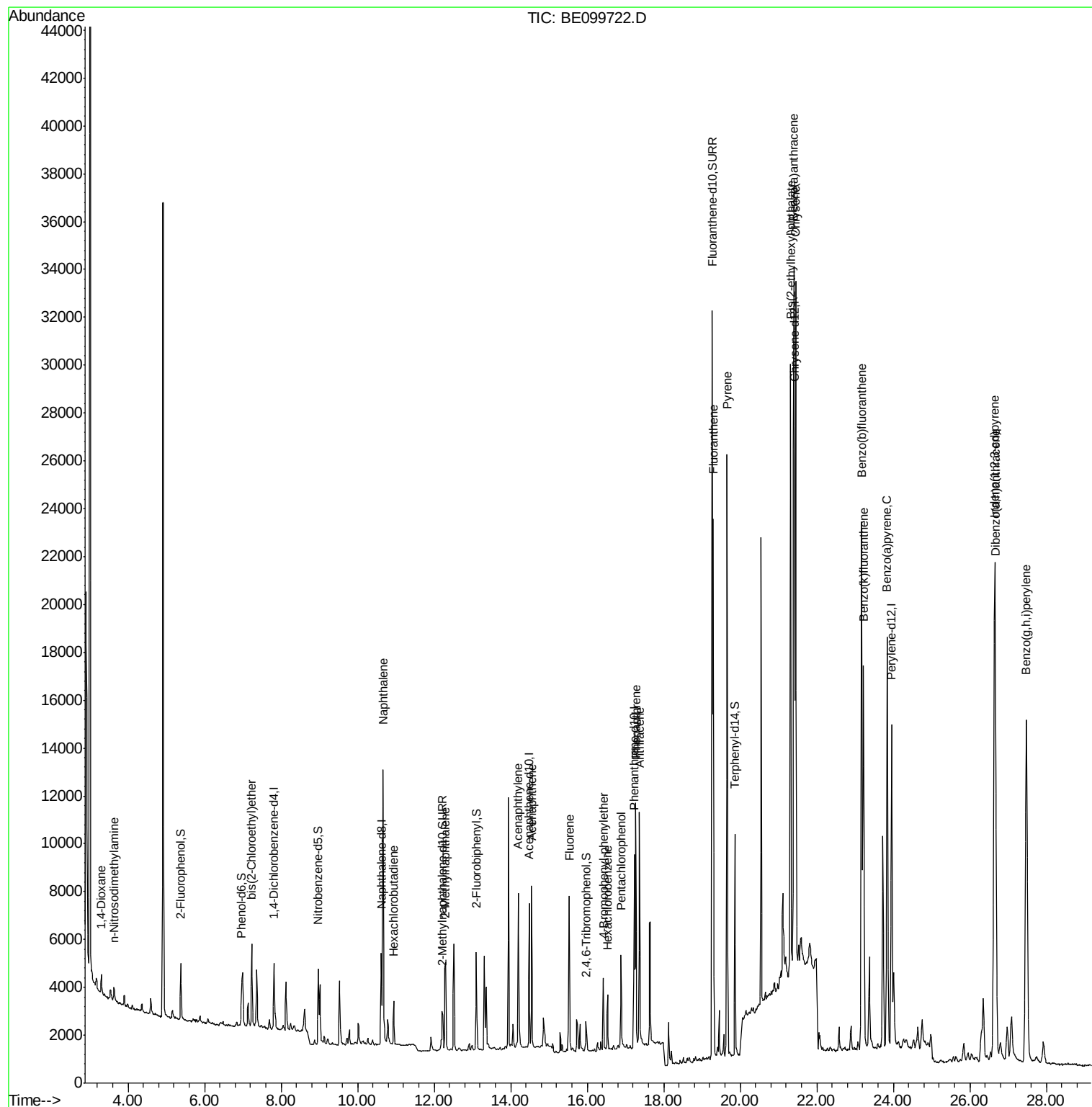
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
Data File : BE099722.D
Acq On : 22 May 2019 16:22
Operator : JU/SJ
Sample : K2966-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

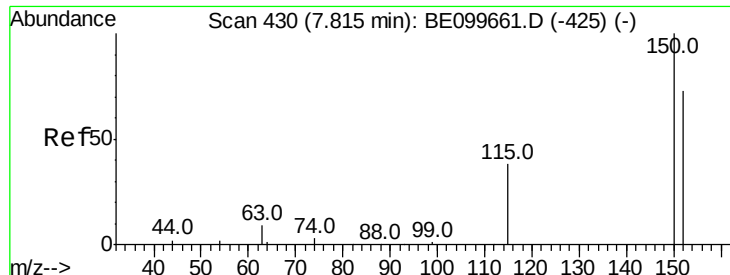
Instrument :
BNA_E
ClientSampleId :
FESB-14(4.5-5)MSD

Manual Integrations
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5/24/2019 8:48:07 AM

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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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

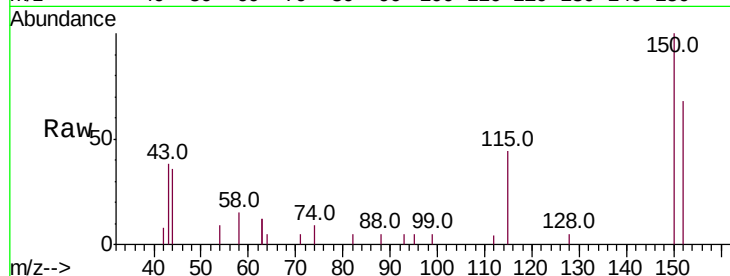
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	109.2	163.8
115	64.4	43.7	65.5

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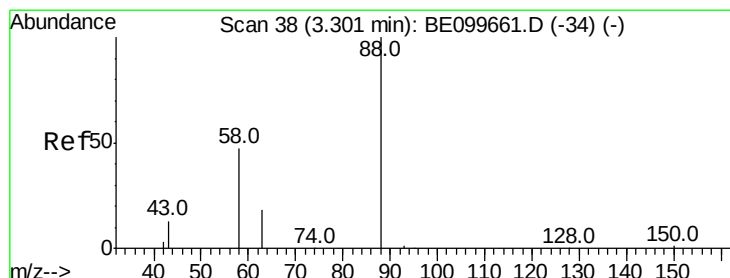
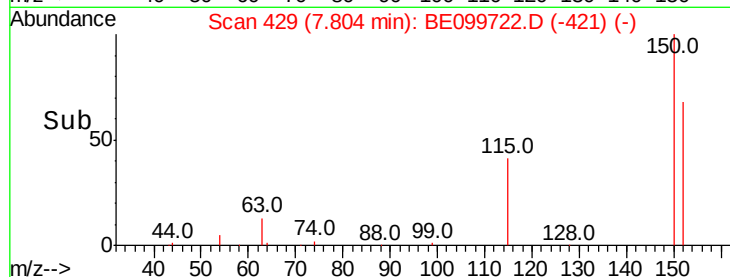
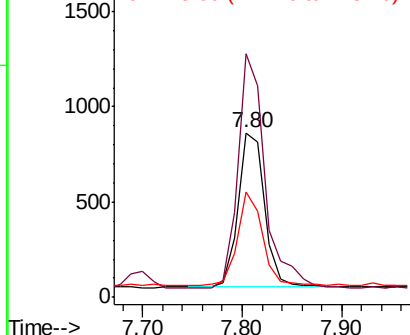


Abundance

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



#2

1,4-Dioxane

Concen: 0.233 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

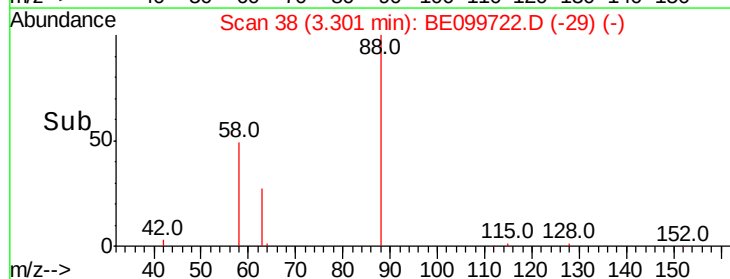
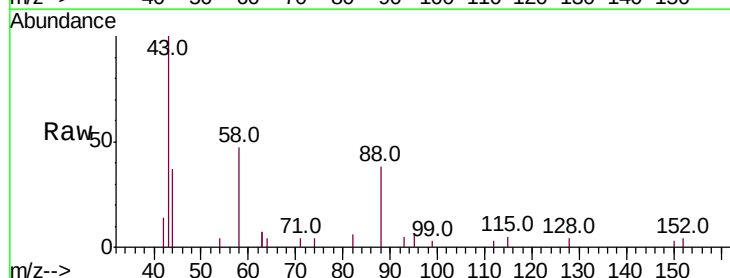
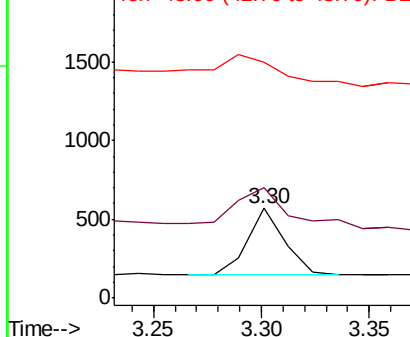
Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	41.8	62.8#
43	96.7	15.0	22.4#

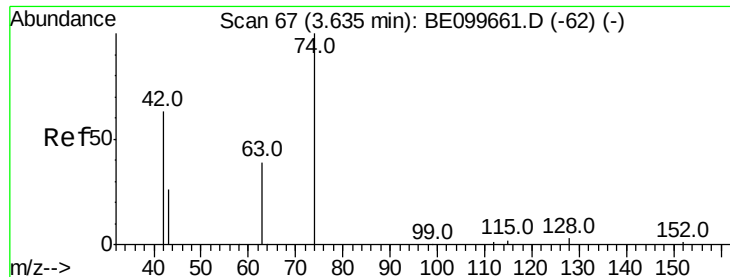
Abundance

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: 0.345 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

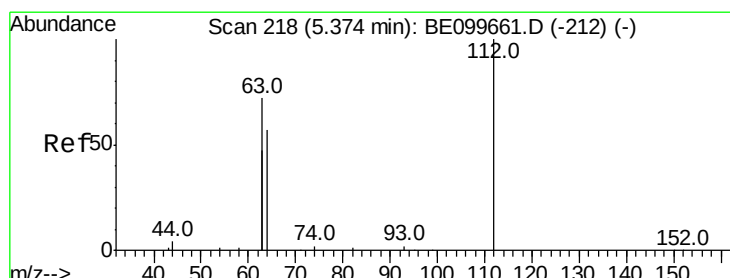
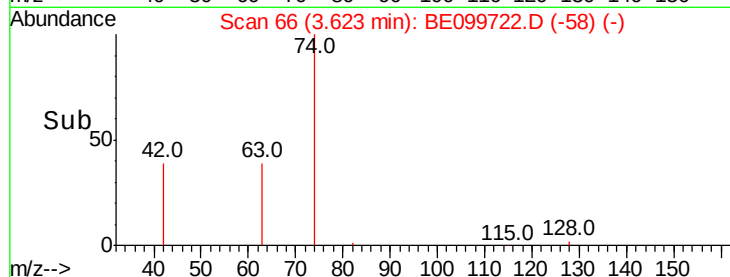
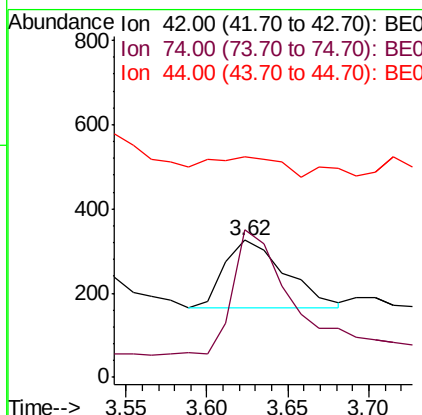
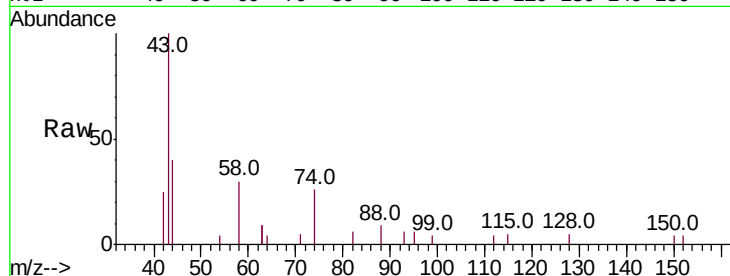
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	42	Resp:	421
Ion Ratio	Lower	Upper	
42	100		
74	168.2	129.2	193.8
44	35.9	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.360 ng

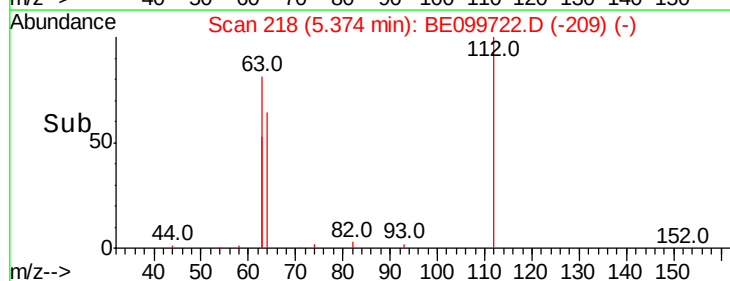
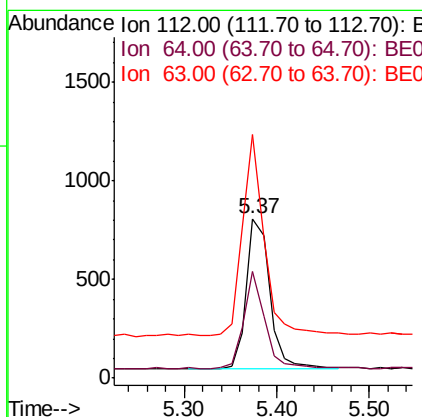
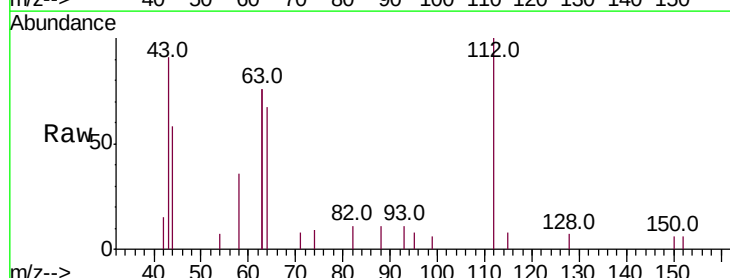
RT: 5.37 min Scan# 218

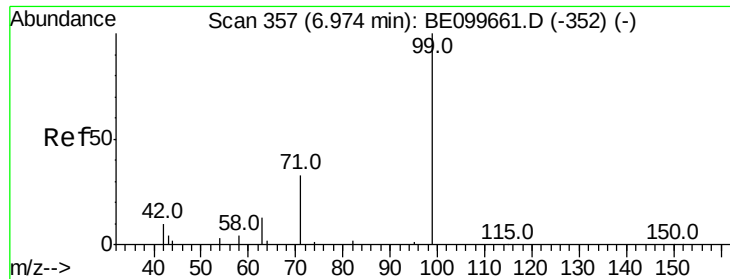
Delta R.T. 0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:	112	Resp:	1358
Ion Ratio	Lower	Upper	
112	100		
64	59.3	43.4	65.2
63	123.9	96.9	145.3





#5

Phenol-d6

Concen: 0.388 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

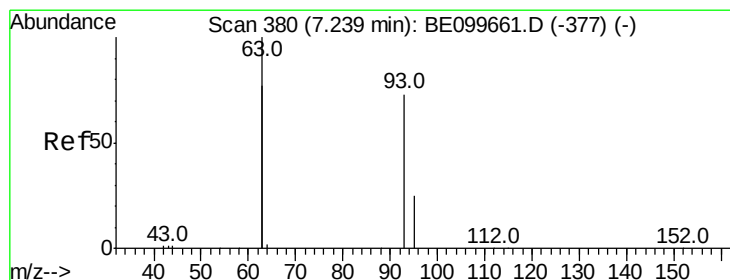
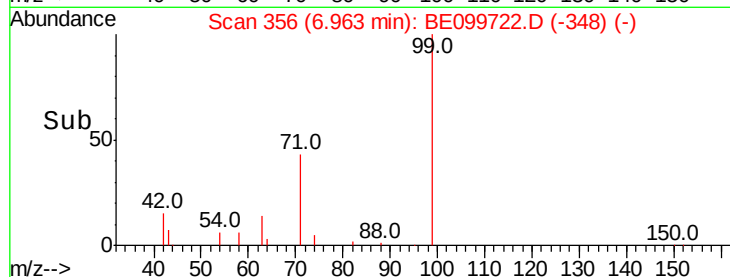
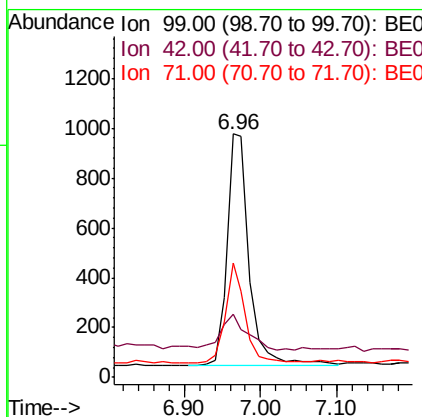
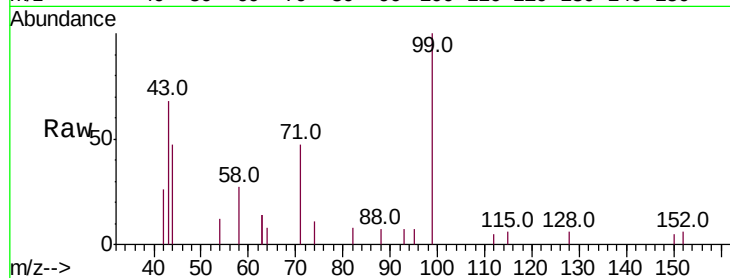
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	99	Resp:	1934
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	38.5	28.9	43.3

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#6

bis(2-Chloroethyl)ether

Concen: 0.330 ng

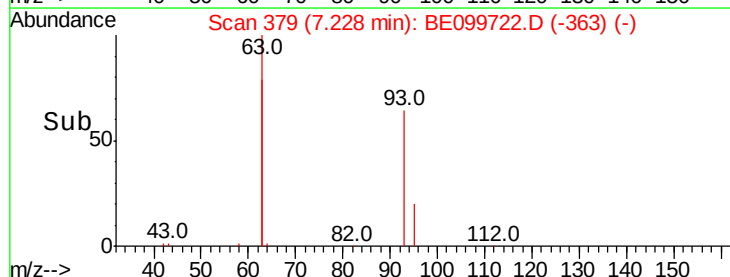
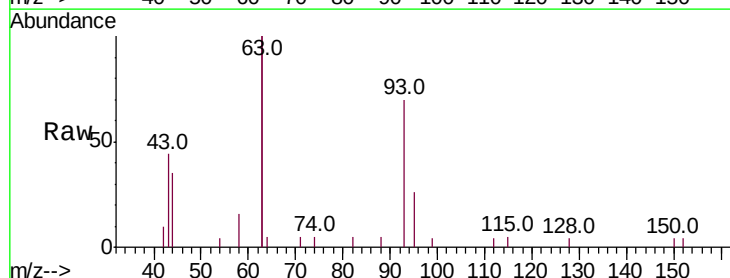
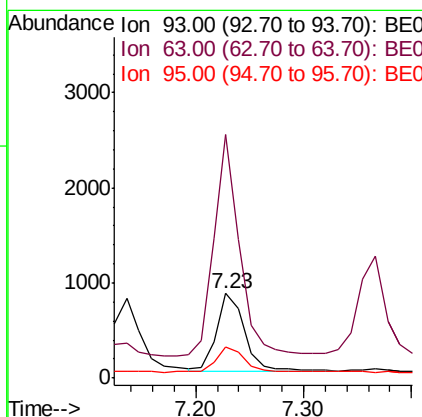
RT: 7.23 min Scan# 379

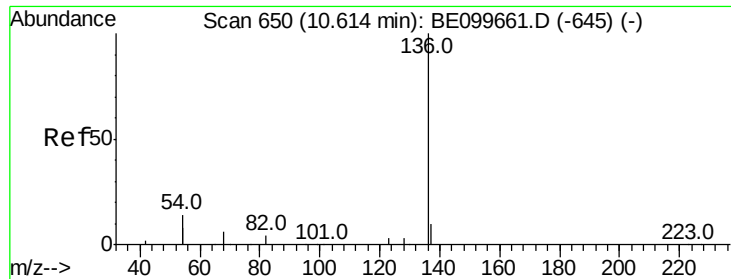
Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:	93	Resp:	1465
Ion	Ratio	Lower	Upper
93	100		
63	263.4	207.8	311.6
95	33.3	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

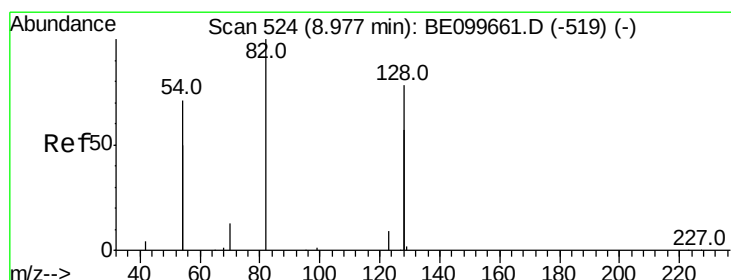
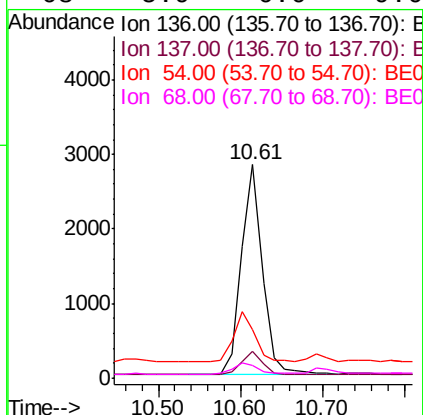
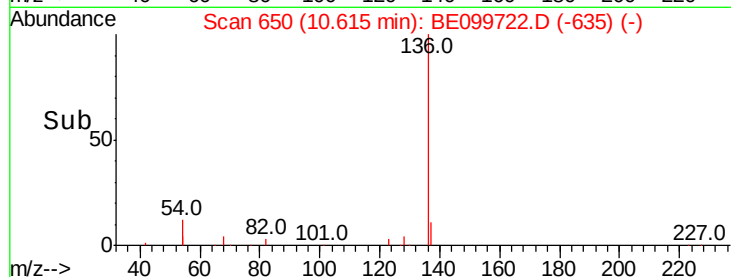
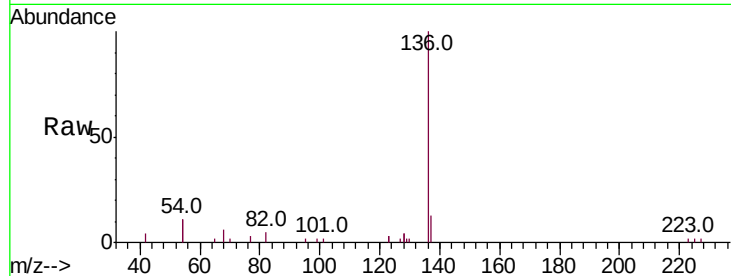
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.0	13.6
54	22.8	22.3	33.5
68	5.9	6.0	9.0#

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#8

Nitrobenzene-d5

Concen: 0.366 ng

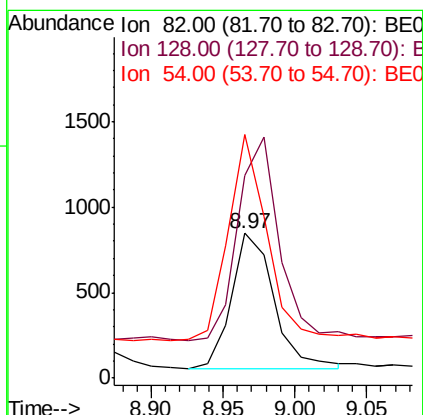
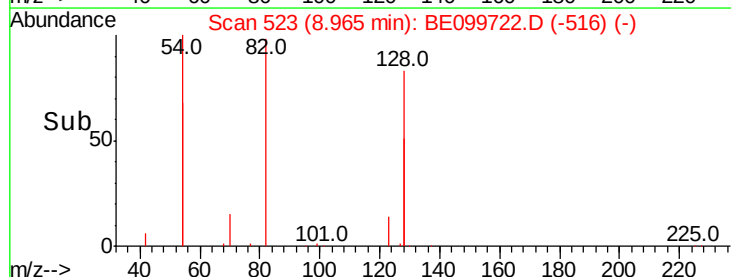
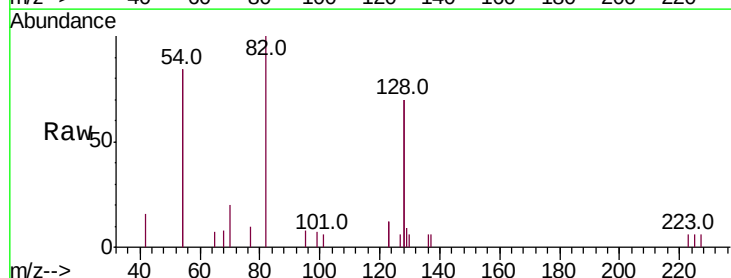
RT: 8.97 min Scan# 523

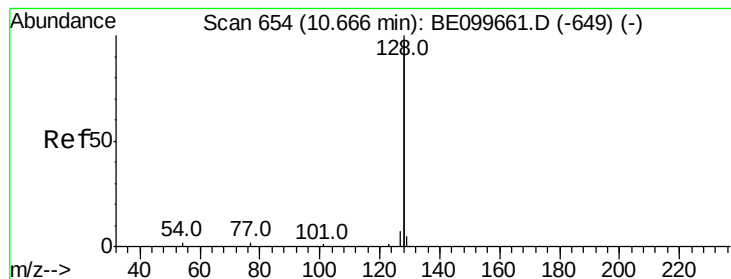
Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
82	100		
128	139.8	117.7	176.5
54	168.1	106.6	160.0#





#9

Naphthalene

Concen: 0.382 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

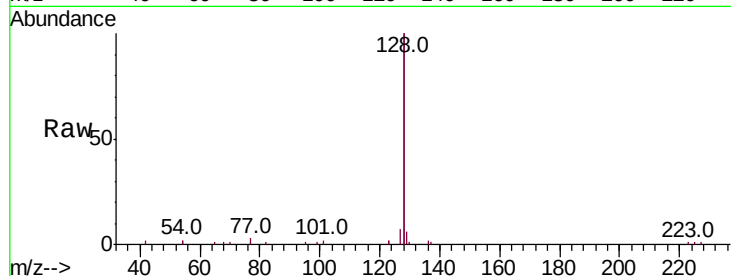
ClientSampleId :

FESB-14(4.5-5)MSD

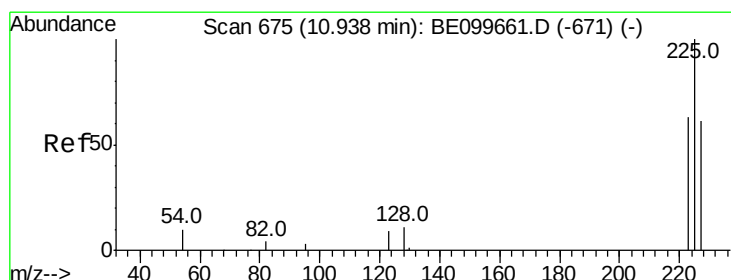
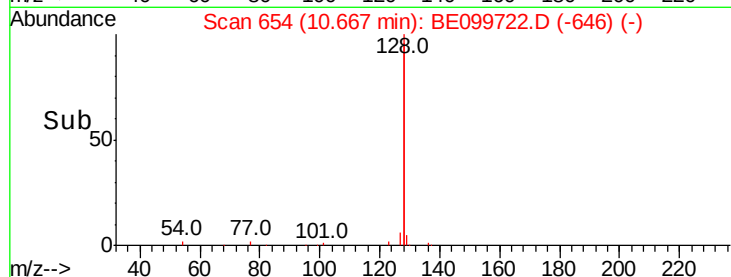
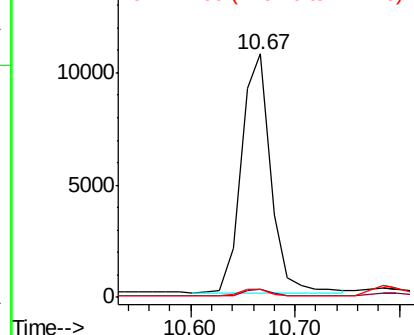
Tot Ion:	128	Resp:	20705
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.4	3.6
127	3.4	2.9	4.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.321 ng

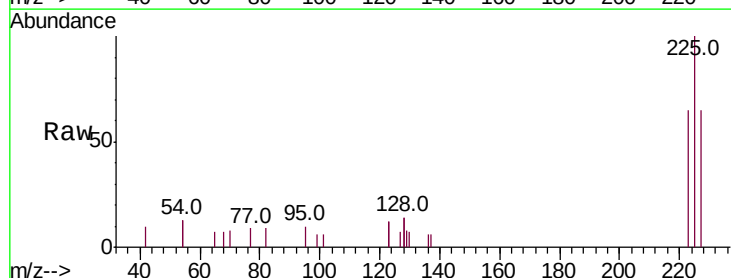
RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

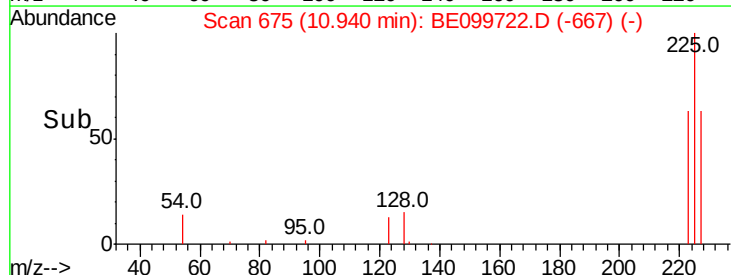
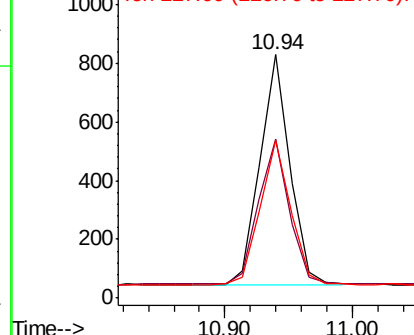
Lab File: BE099722.D

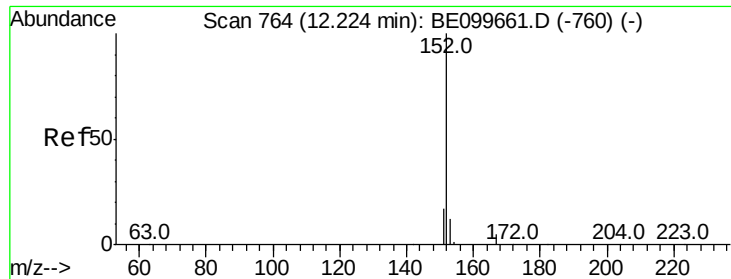
Acq: 22 May 2019 16:22

Tgt Ion:	225	Resp:	1282
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.8	77.6
227	63.7	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

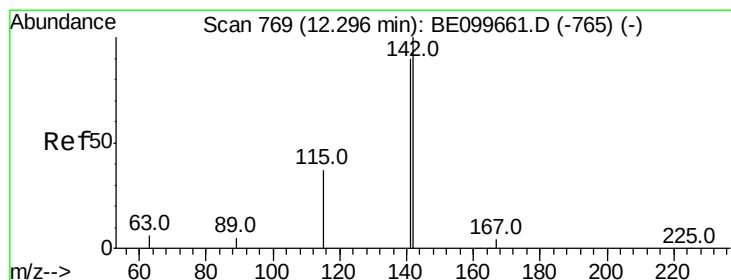
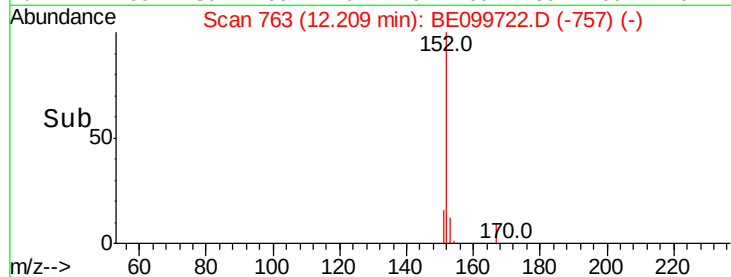
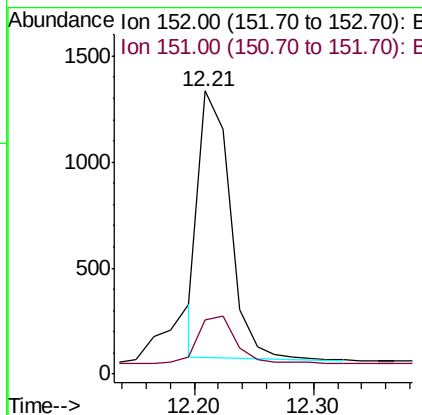
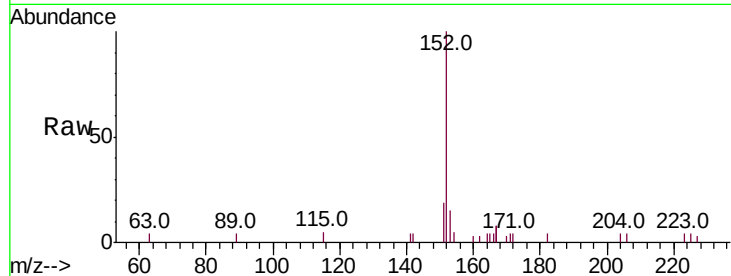
2-Methylnaphthalene-d10
 Concen: 0.264 ng m
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099722.D
 Acq: 22 May 2019 16:22

Instrument :
 BNA_E
 ClientSampleId :
 FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.0	22.4

Manual Integrations
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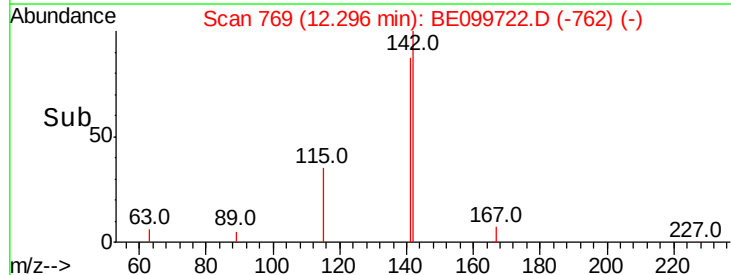
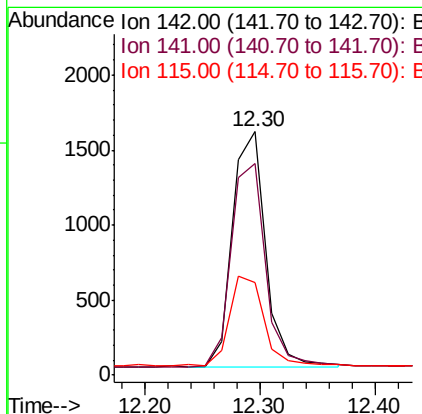
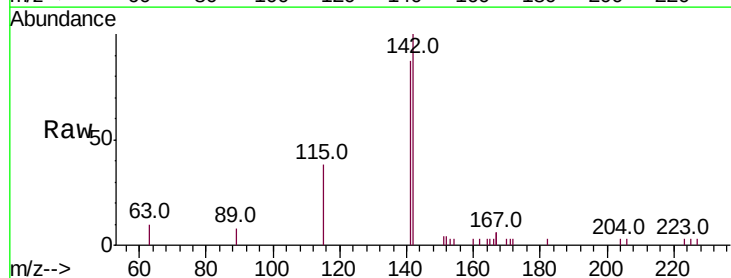
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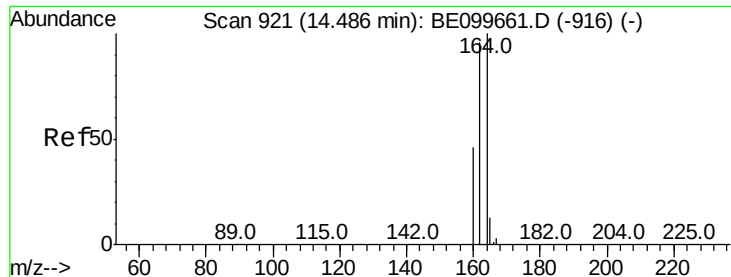


#12

2-Methylnaphthalene
 Concen: 0.355 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099722.D
 Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.0	108.0
115	37.8	31.0	46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

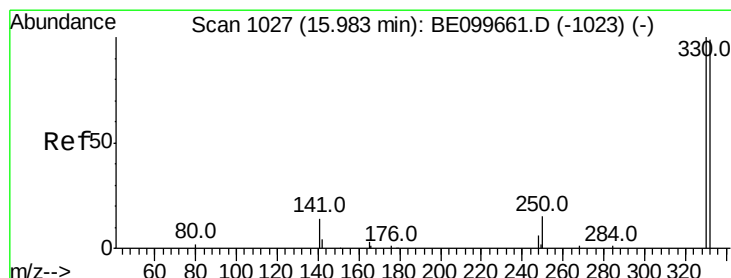
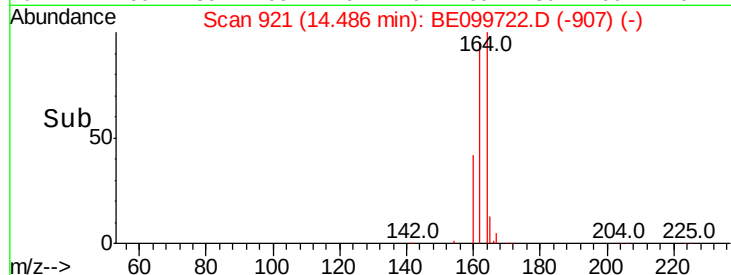
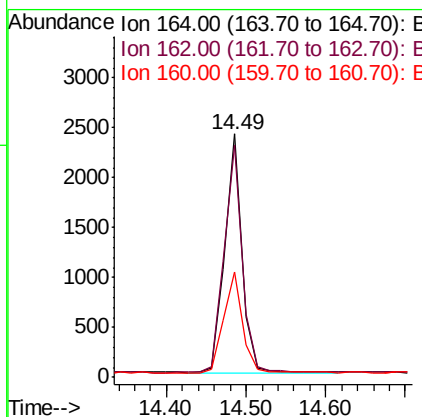
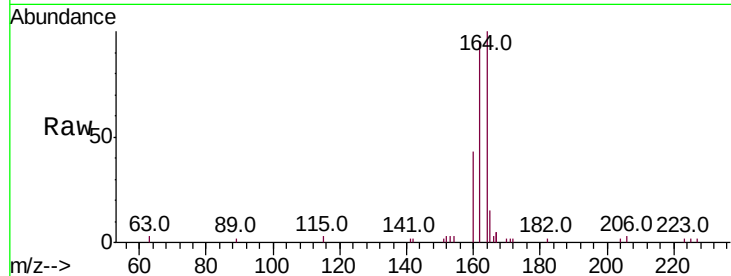
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	164	Resp:	3585
Ion Ratio	Lower	Upper	
164	100		
162	95.3	76.5	114.7
160	43.3	37.4	56.2

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#14

2,4,6-Tribromophenol

Concen: 0.421 ng

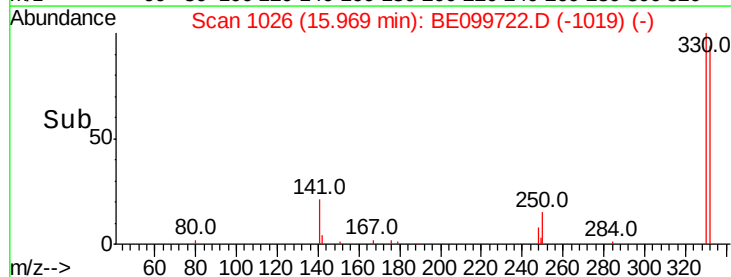
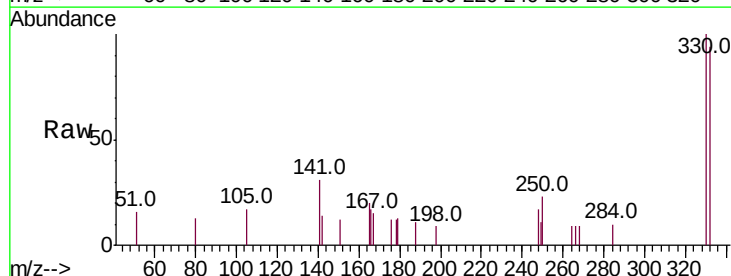
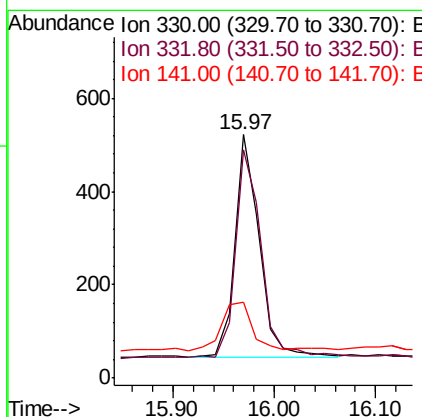
RT: 15.97 min Scan# 1026

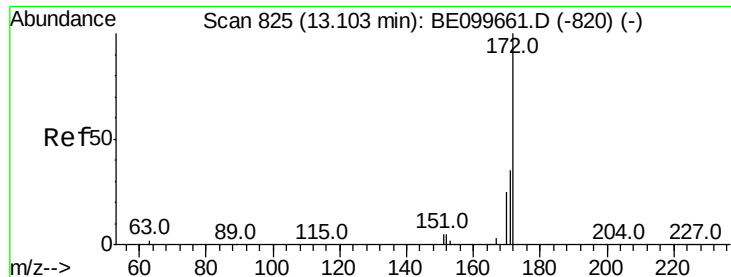
Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:	330	Resp:	794
Ion Ratio	Lower	Upper	
330	100		
332	100.1	77.3	115.9
141	30.1	18.9	28.3#





#15

2-Fluorobiphenyl

Concen: 0.284 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

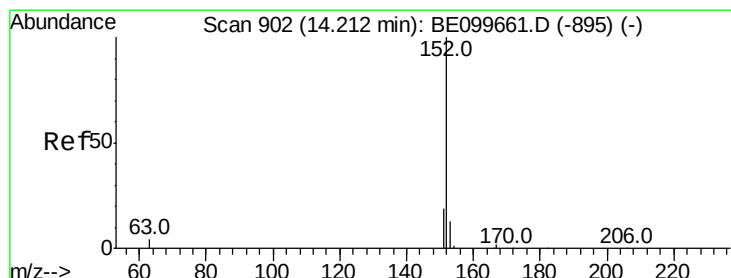
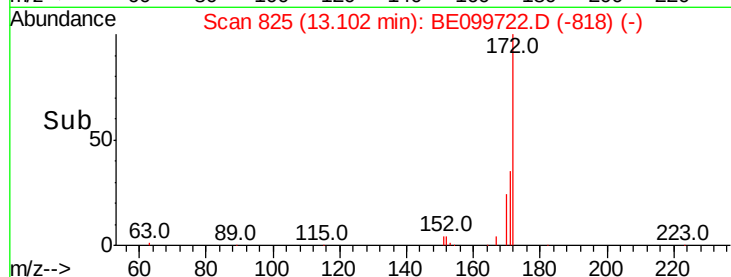
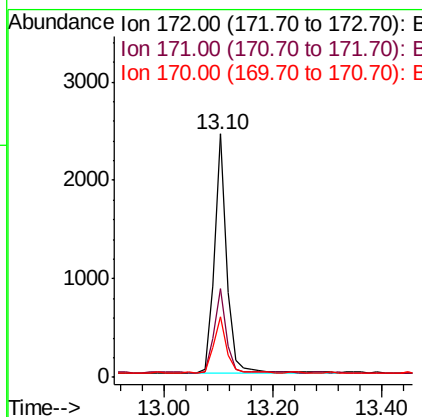
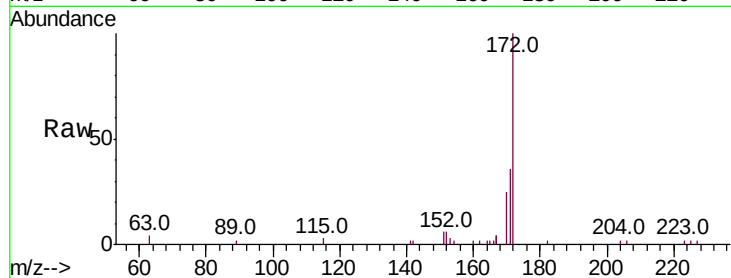
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	172	Resp:	3859
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.7	43.1
170	25.0	20.9	31.3

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#16

Acenaphthylene

Concen: 0.521 ng

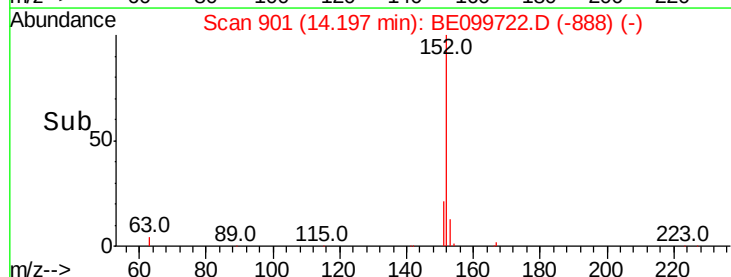
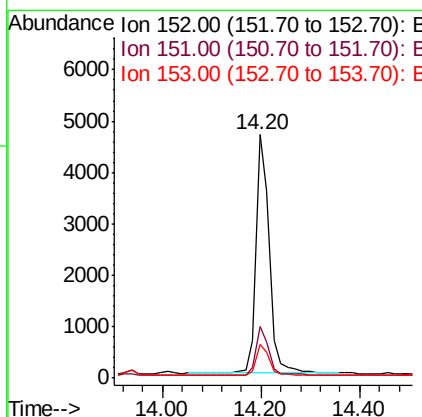
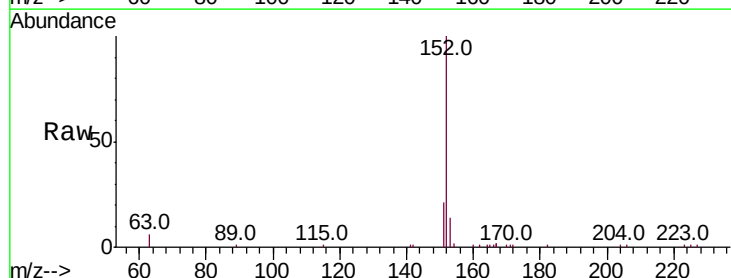
RT: 14.20 min Scan# 901

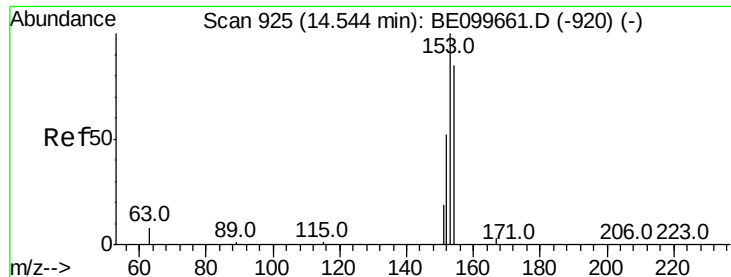
Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:	152	Resp:	8700
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	12.6	10.6	16.0





#17

Acenaphthene

Concen: 0.349 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

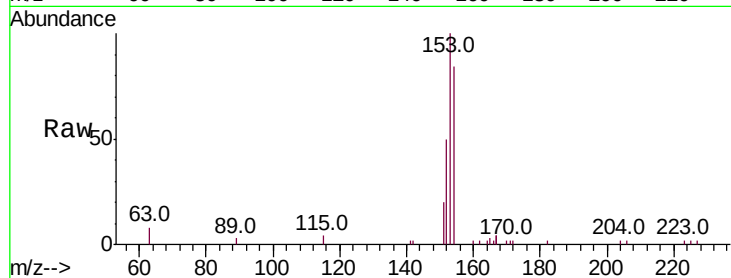
ClientSampleId :

FESB-14(4.5-5)MSD

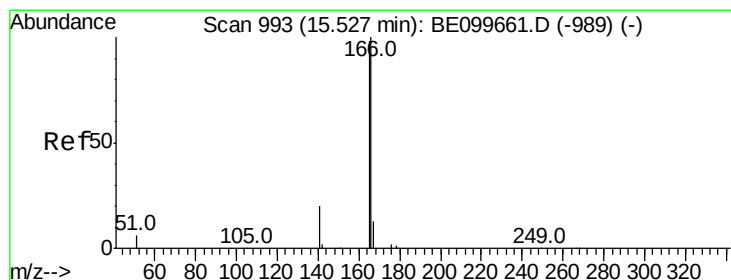
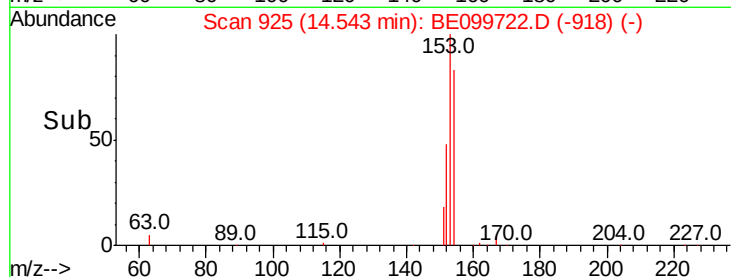
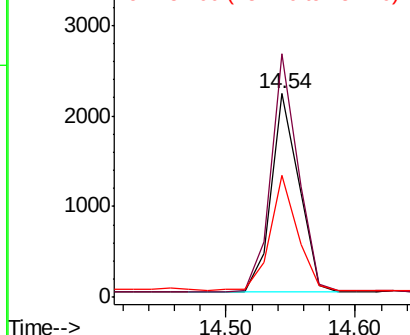
Tot Ion:	154	Resp:	3276
Ion Ratio	Lower	Upper	
154	100		
153	117.3	91.8	137.6
152	56.6	46.0	69.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.361 ng

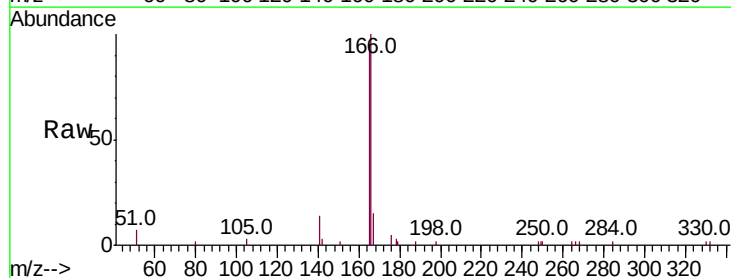
RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

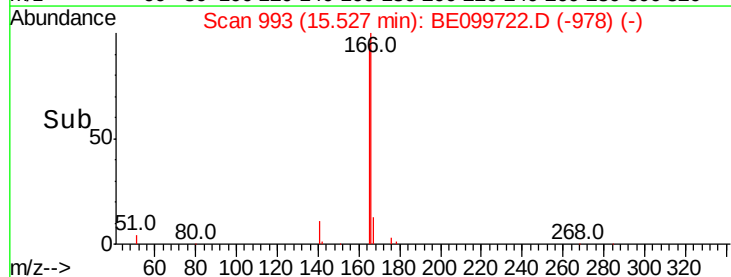
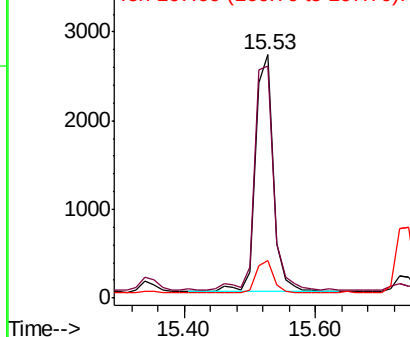
Lab File: BE099722.D

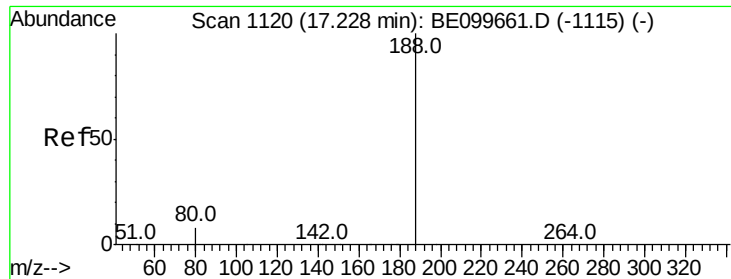
Acq: 22 May 2019 16:22

Tgt Ion:	166	Resp:	4981
Ion Ratio	Lower	Upper	
166	100		
165	100.6	80.3	120.5
167	13.9	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





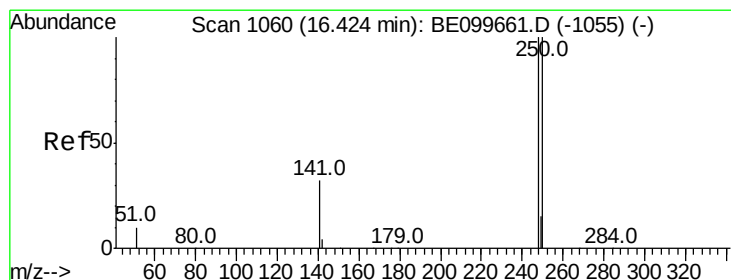
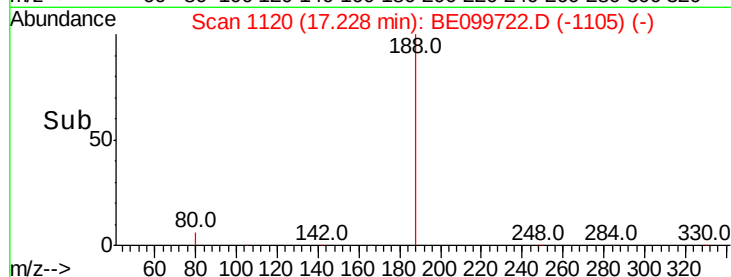
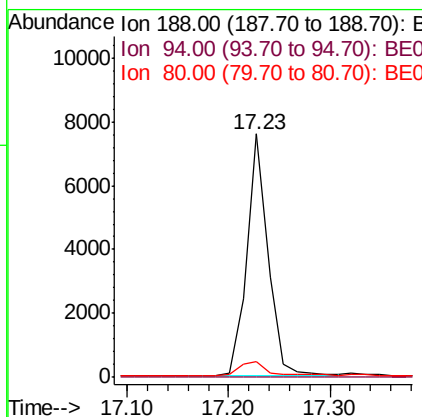
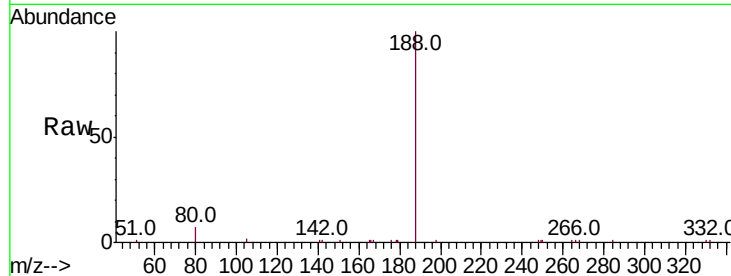
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Instrument :
BNA_E
ClientSampleId :
FESB-14(4.5-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	11114		
94	0.0	0.0	0.0	
80	6.7	6.7	10.1	

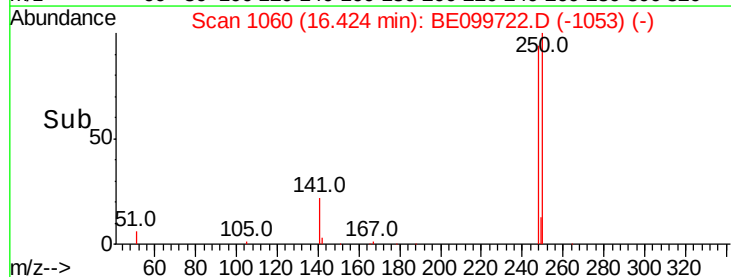
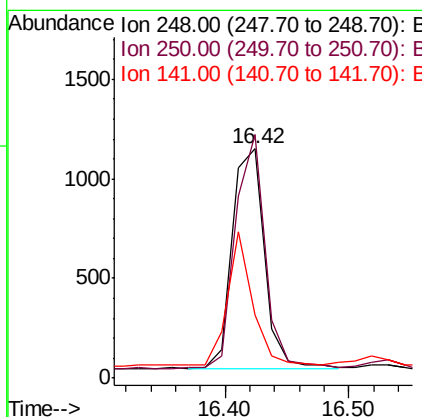
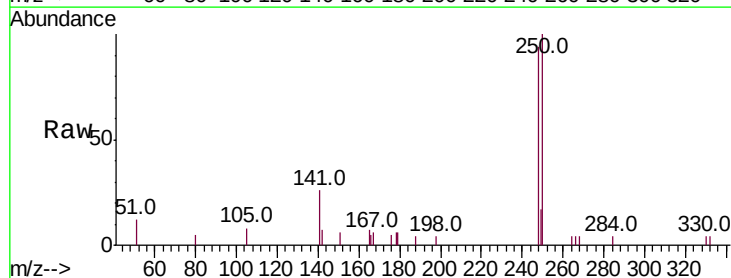
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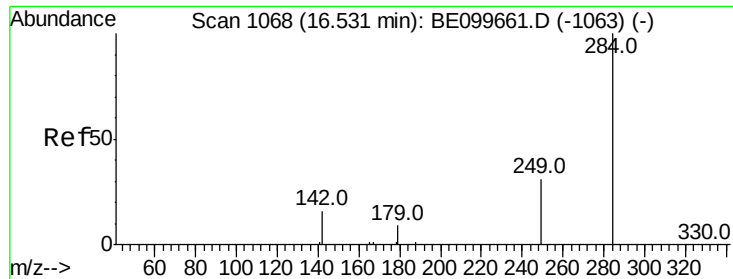
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#20
4-Bromophenyl-phenylether
Concen: 0.311 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1995		
250	106.2	79.8	119.8	
141	27.5	27.0	40.6	





#21

Hexachlorobenzene

Concen: 0.312 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

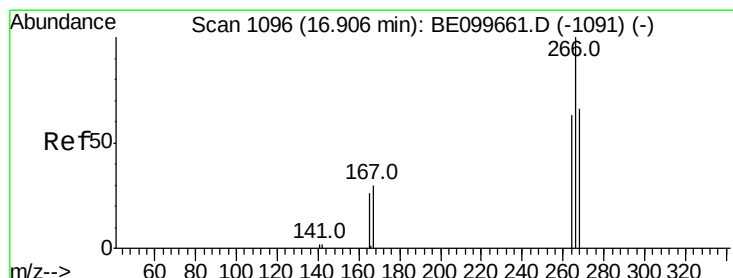
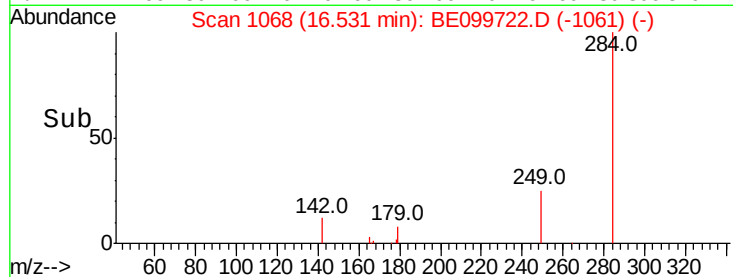
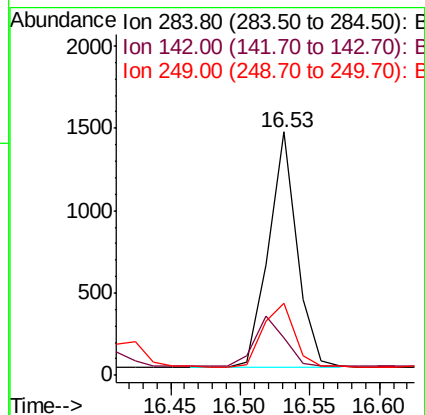
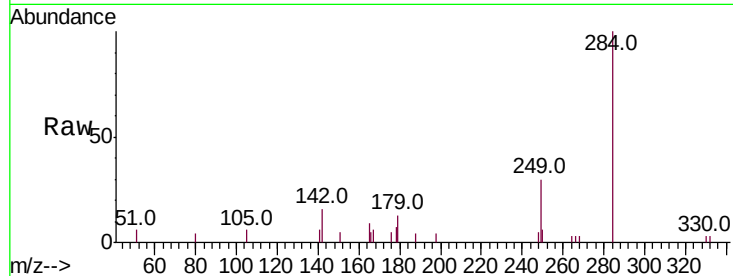
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	284	Resp:	2048
Ion Ratio	Lower	Upper	
284	100		
142	22.5	17.8	26.6
249	30.0	24.8	37.2

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#22

Pentachlorophenol

Concen: 1.233 ng

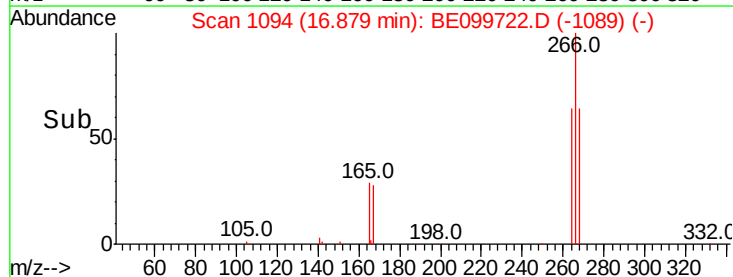
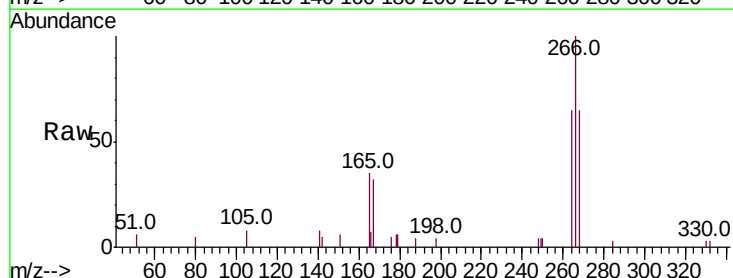
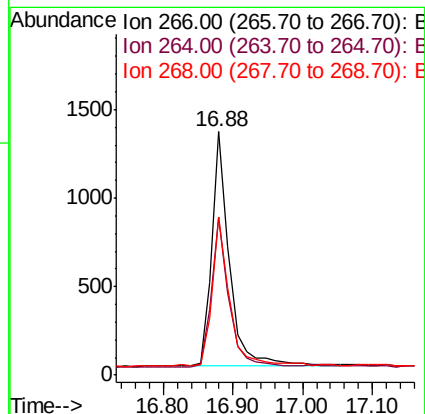
RT: 16.88 min Scan# 1094

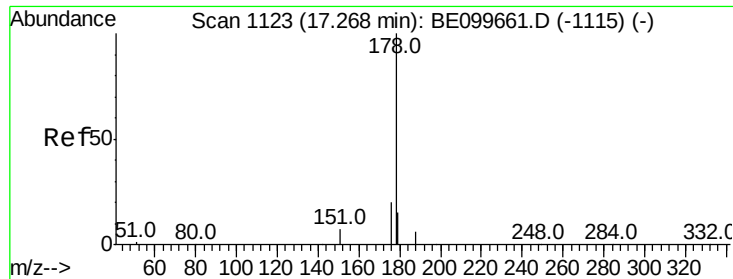
Delta R.T. -0.03 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:	266	Resp:	2373
Ion Ratio	Lower	Upper	
266	100		
264	64.7	57.2	85.8
268	64.9	60.5	90.7





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

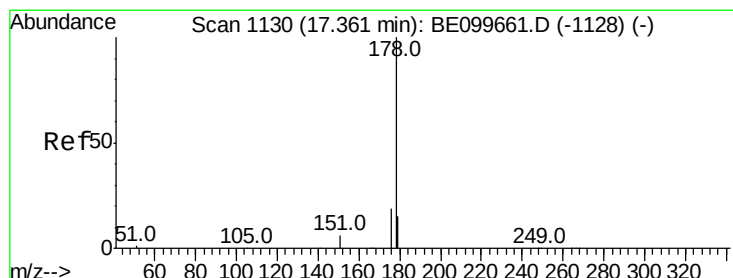
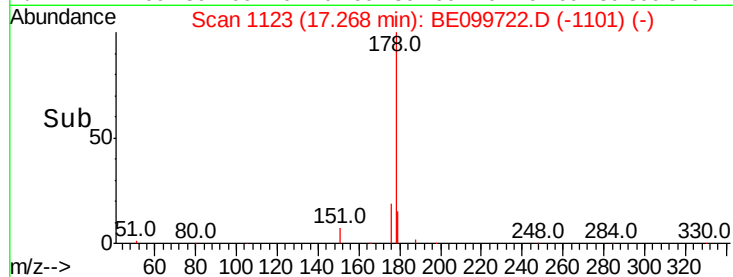
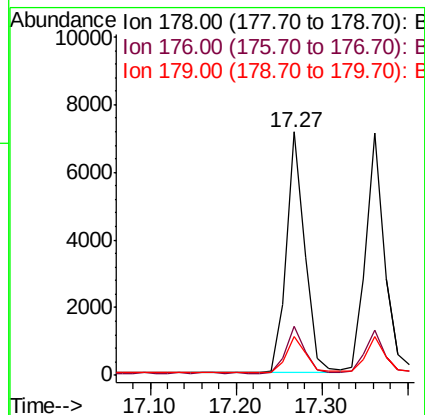
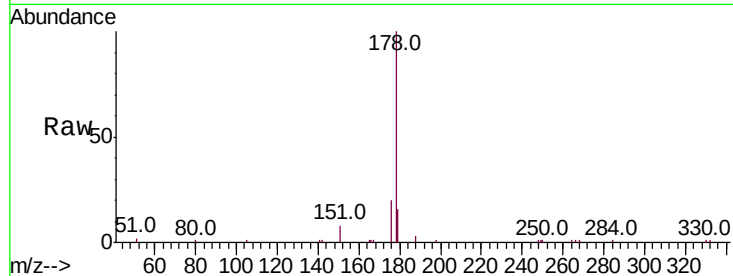
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:178	Resp:	10704
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.6 23.4
179	15.9	12.2 18.4

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#24

Anthracene

Concen: 0.436 ng

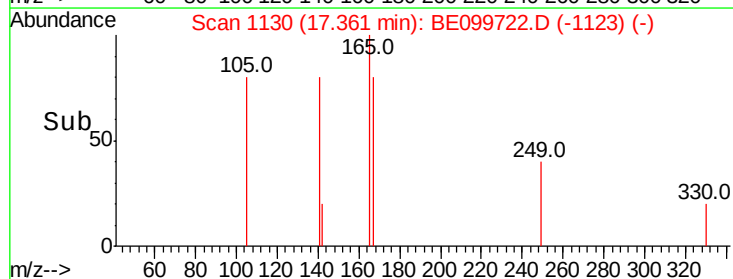
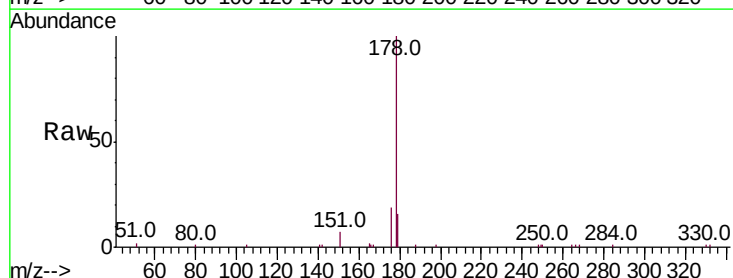
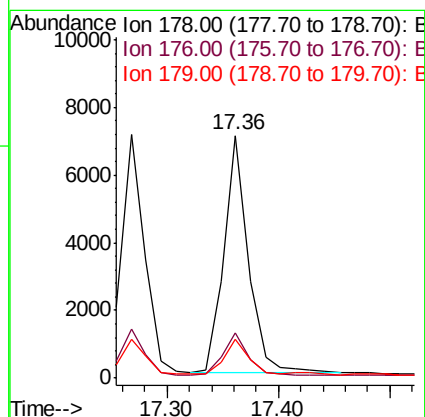
RT: 17.36 min Scan# 1130

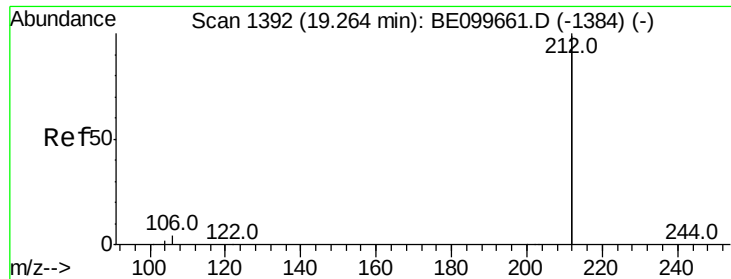
Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:178	Resp:	10745
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.7 22.1
179	14.5	12.0 18.0





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

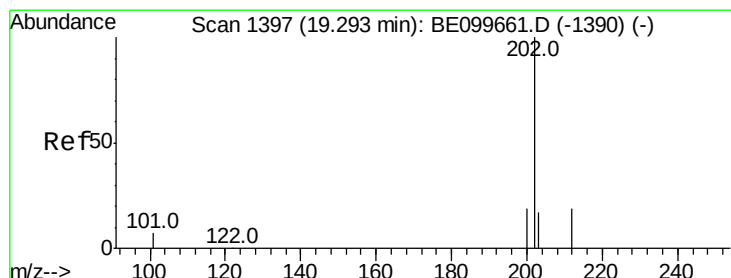
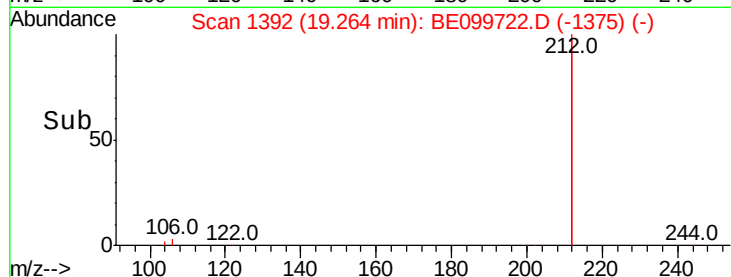
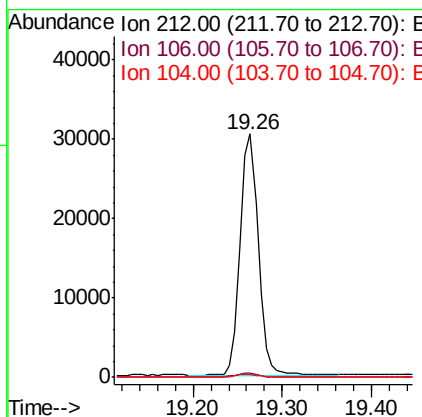
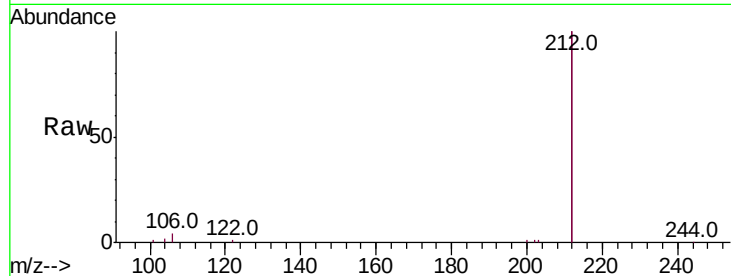
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	212	Resp:	41347
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

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#26

Fluoranthene

Concen: 0.502 ng

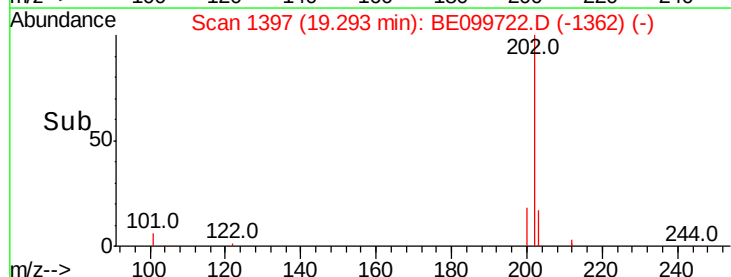
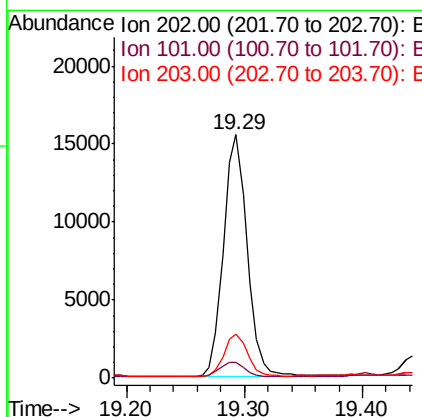
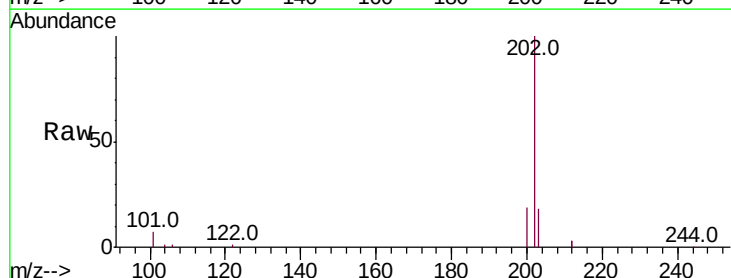
RT: 19.29 min Scan# 1397

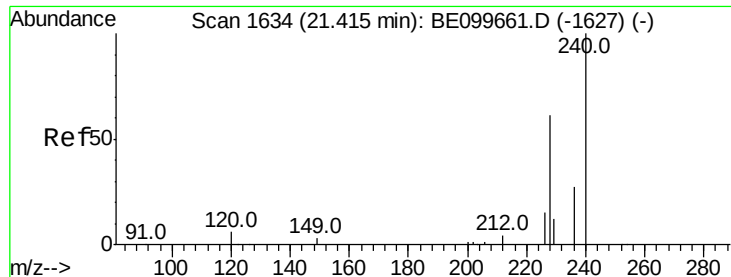
Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion:	202	Resp:	21572
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.2	7.8
203	17.1	13.8	20.6





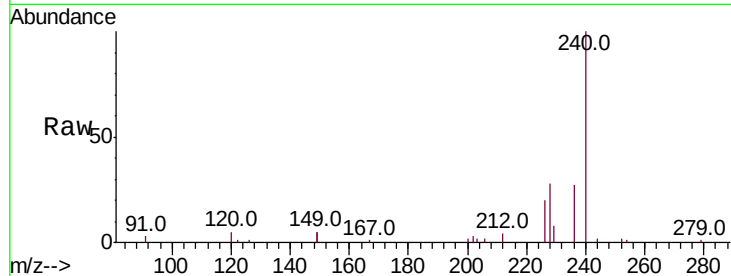
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Instrument :
BNA_E
ClientSampleId :
FESB-14(4.5-5)MSD

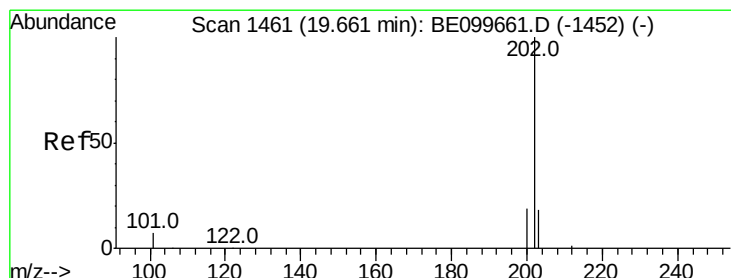
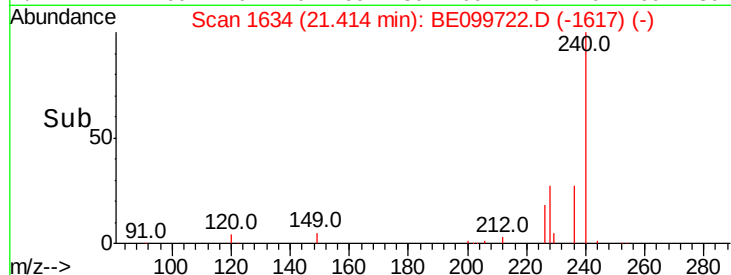
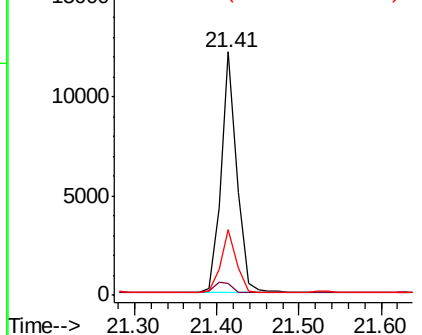
Tot Ion:240 Resp: 16484
Ion Ratio Lower Upper
240 100
120 4.6 5.4 8.0#
236 27.2 21.7 32.5

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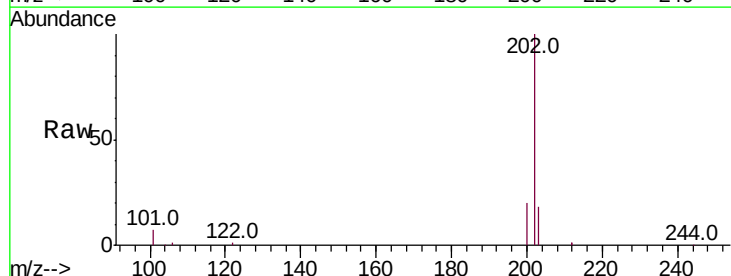


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

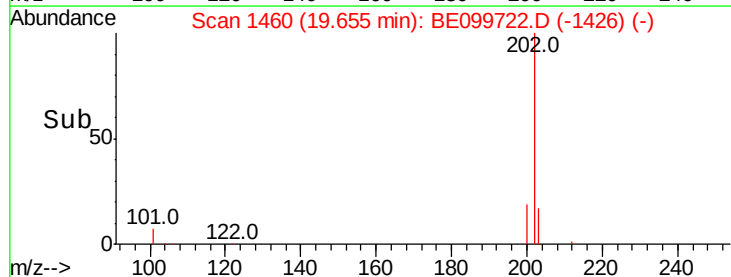
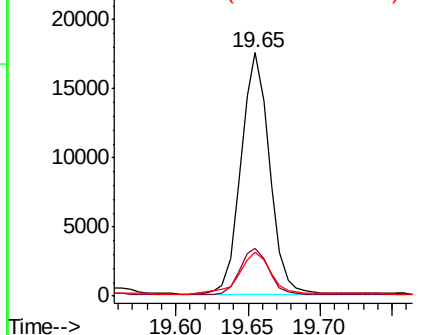


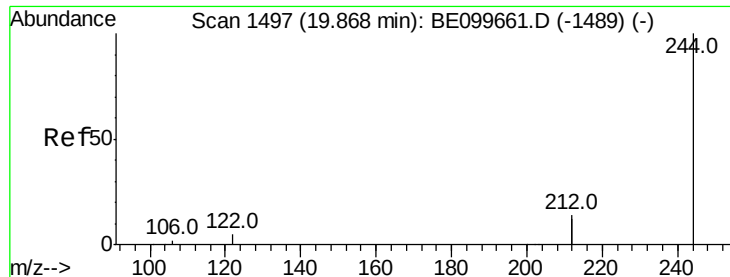
#28
Pyrene
Concen: 0.581 ng
RT: 19.65 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Tgt Ion:202 Resp: 24059
Ion Ratio Lower Upper
202 100
200 19.7 15.4 23.2
203 19.2 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: 0.290 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

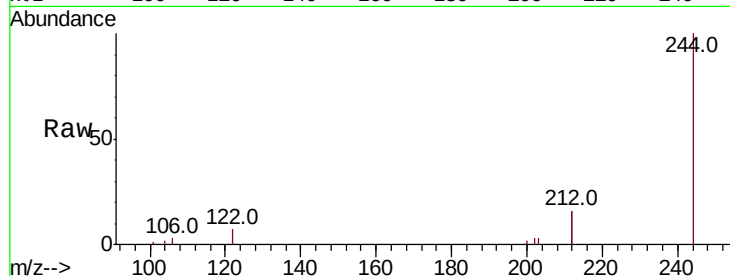
ClientSampleId :

FESB-14(4.5-5)MSD

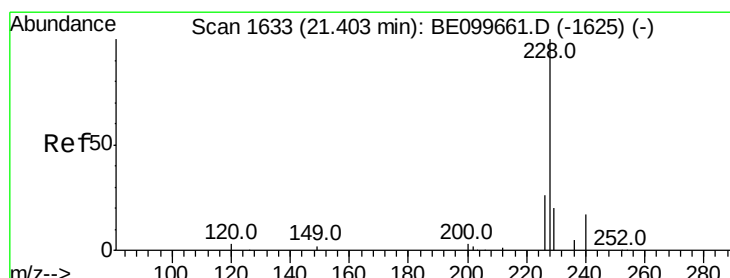
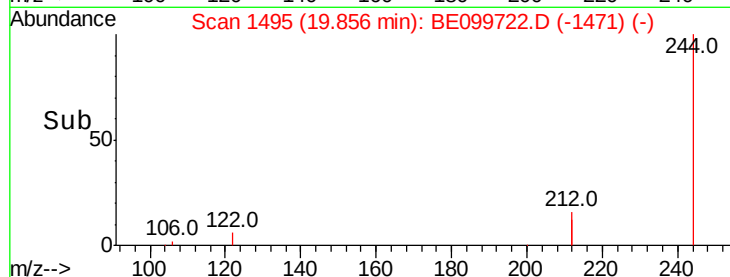
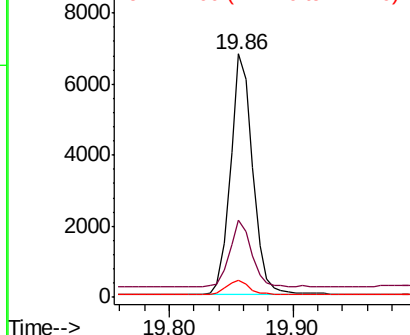
Tot Ion	Ratio	Lower	Upper
244	100		
212	31.6	22.5	33.7
122	6.9	4.3	6.5

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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: 0.569 ng m

RT: 21.40 min Scan# 1633

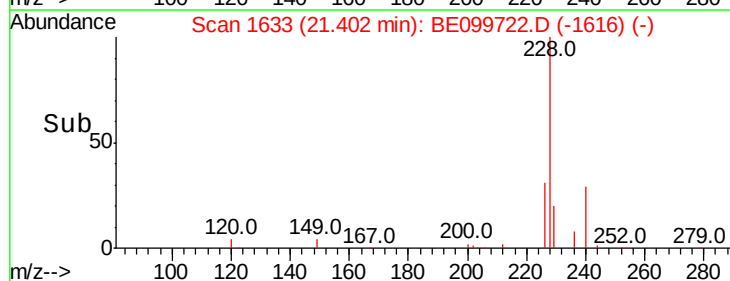
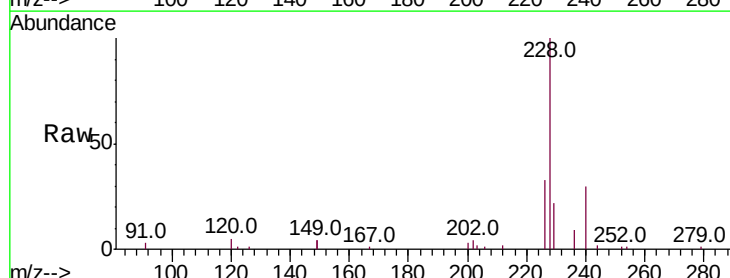
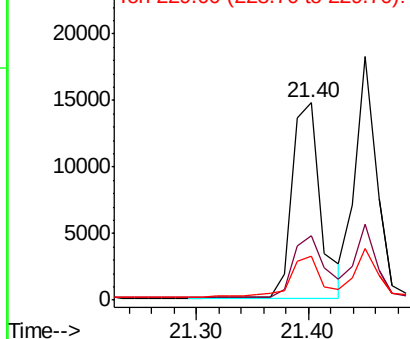
Delta R.T. -0.00 min

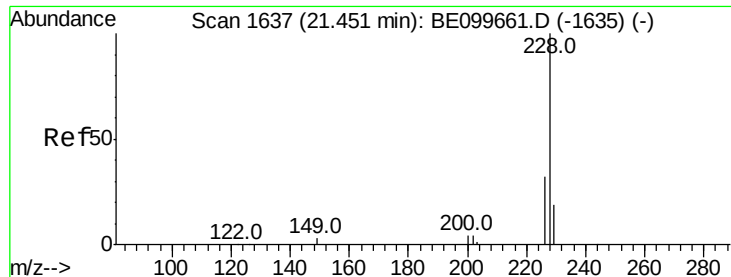
Lab File: BE099722.D

Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	21.3	31.9
229	22.0	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





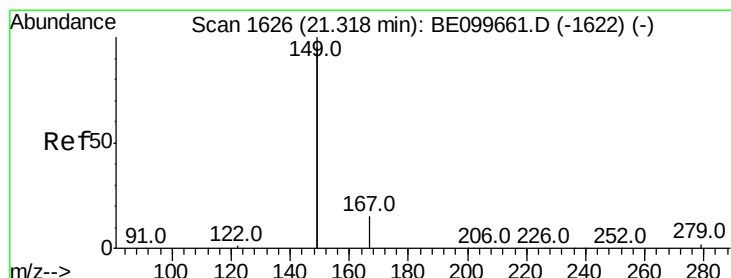
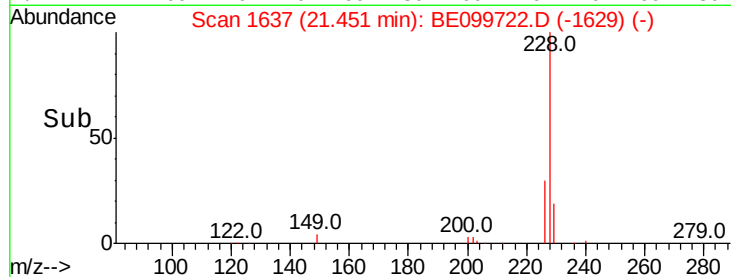
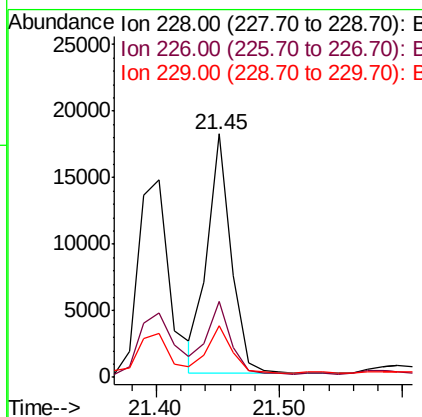
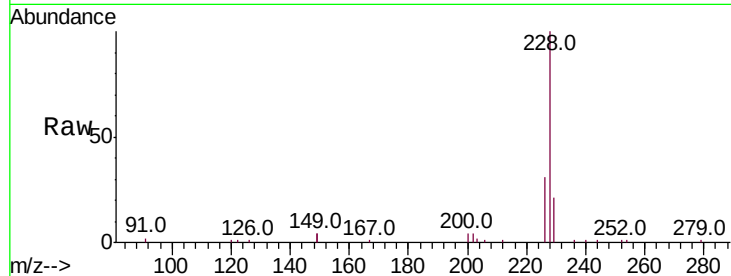
#31
Chrysene
Concen: 0.484 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Instrument :
BNA_E
ClientSampleId :
FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	21.2	15.8	23.6

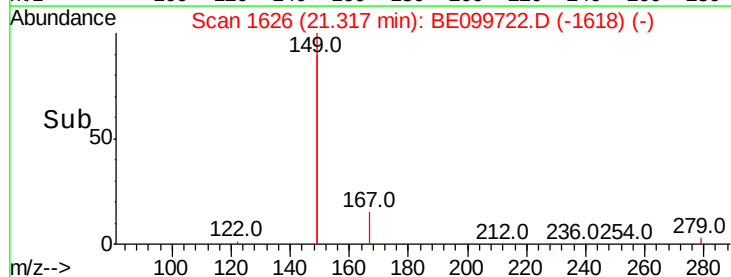
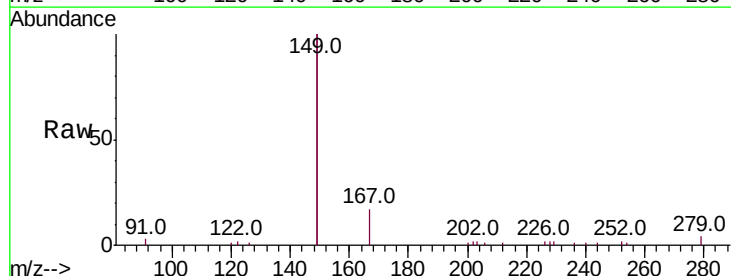
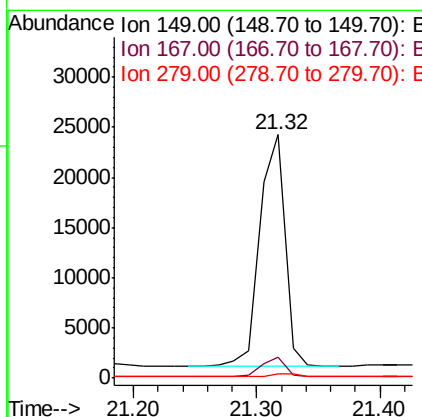
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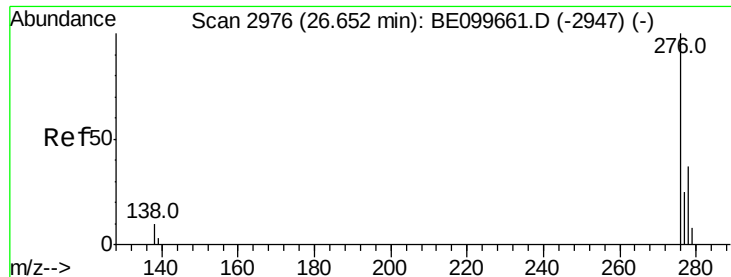
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.617 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.6	1.2	1.8





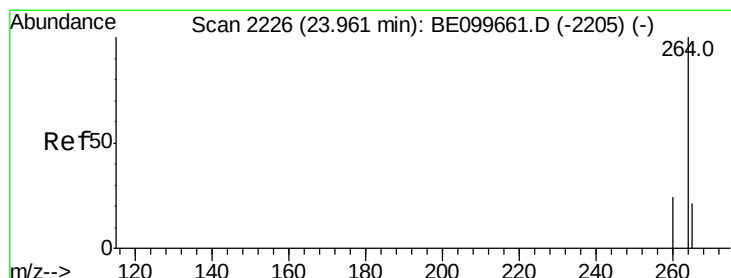
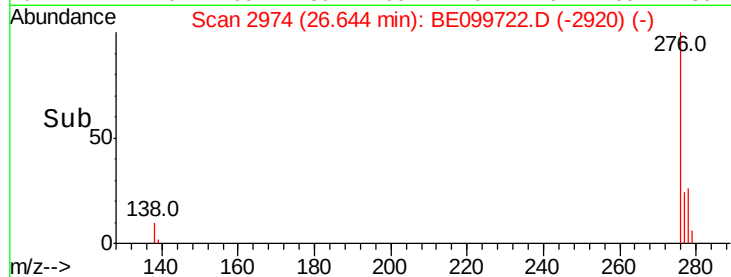
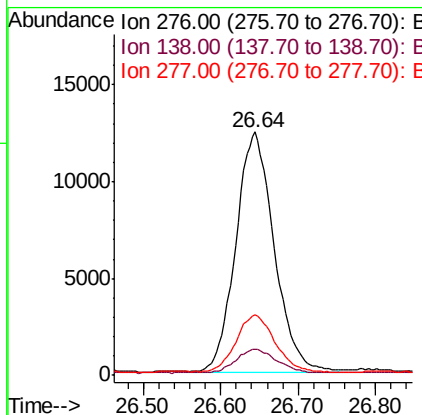
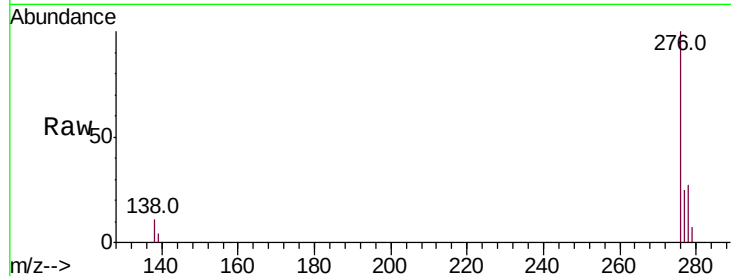
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.700 ng
 RT: 26.64 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BE099722.D
 Acq: 22 May 2019 16:22

Instrument :
 BNA_E
 ClientSampleId :
 FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.6	9.6	14.4
277	24.1	19.2	28.8

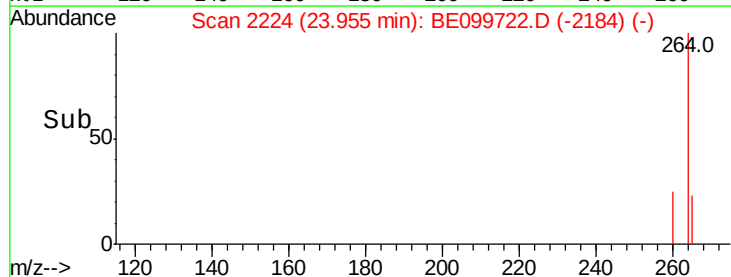
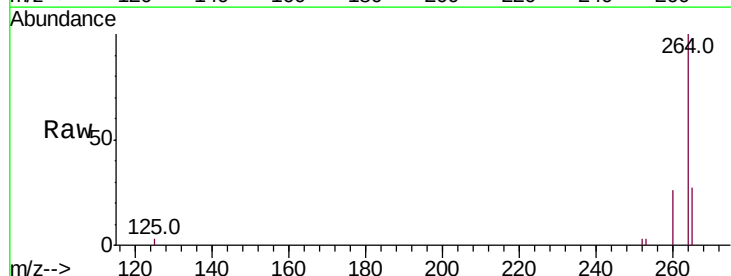
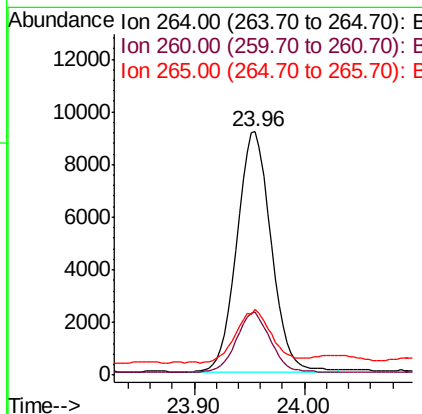
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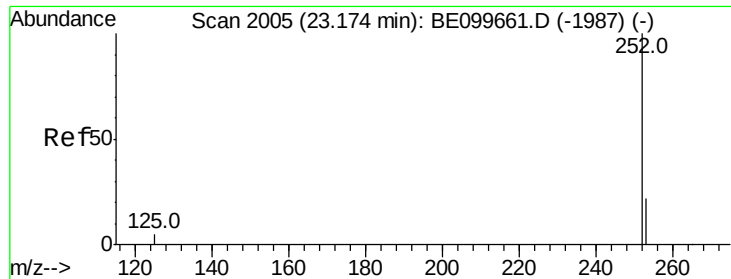
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099722.D
 Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	26.9	19.1	28.7





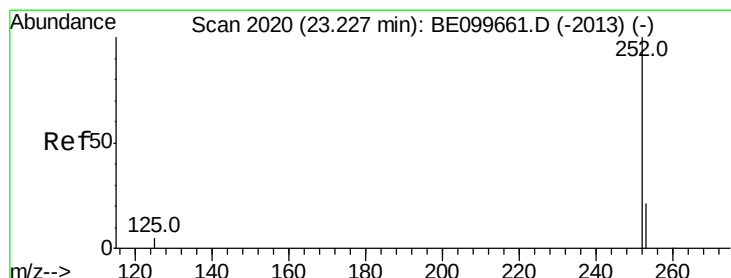
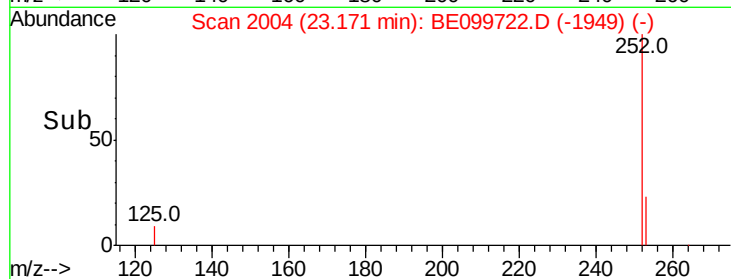
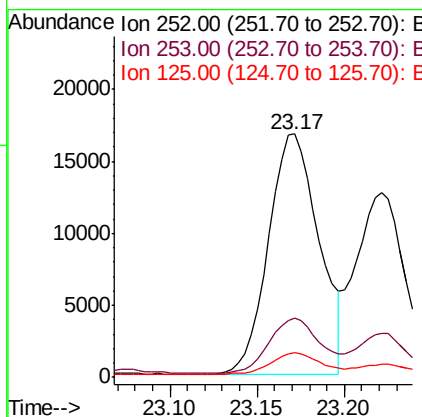
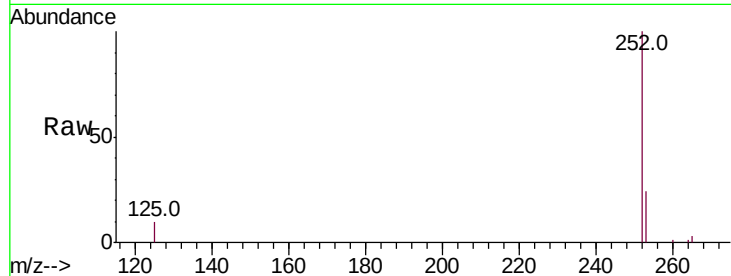
#35
Benzo(b)fluoranthene
Concen: 0.626 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Instrument :
BNA_E
ClientSampleId :
FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	10.3	4.5	6.7

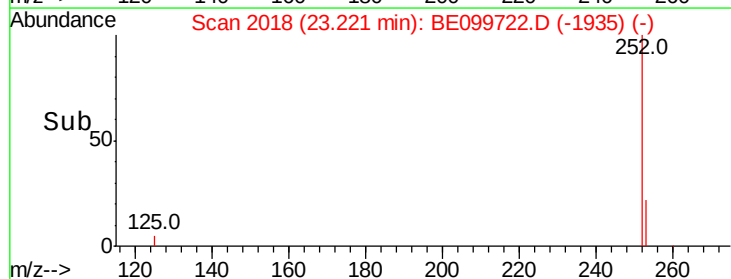
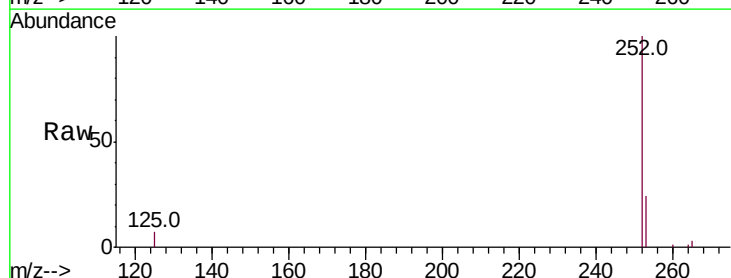
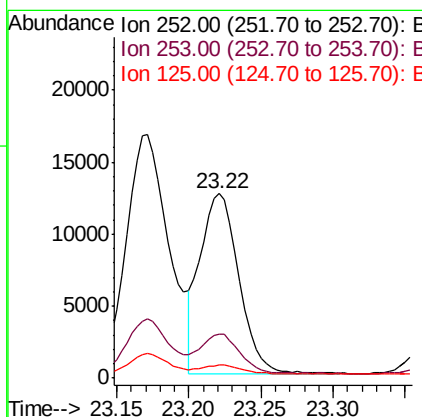
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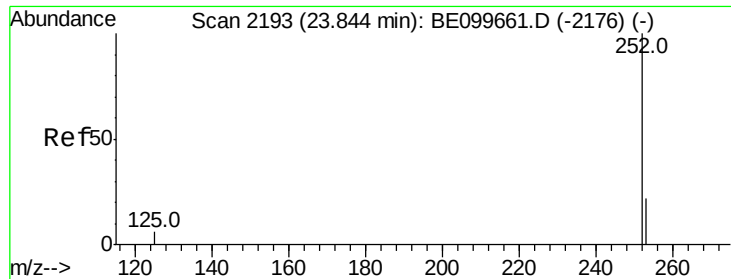
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#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	6.9	4.6	6.8





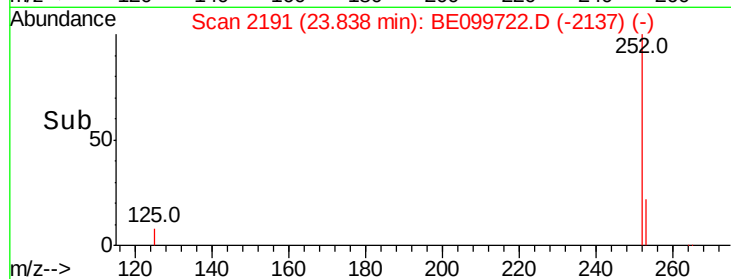
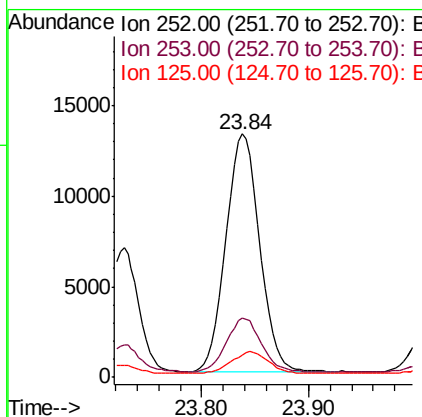
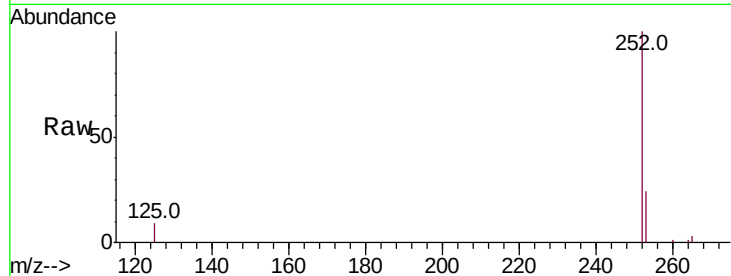
#37
Benzo(a)pyrene
Concen: 0.557 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Instrument :
BNA_E
ClientSampleId :
FESB-14(4.5-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	9.3	5.4	8.0

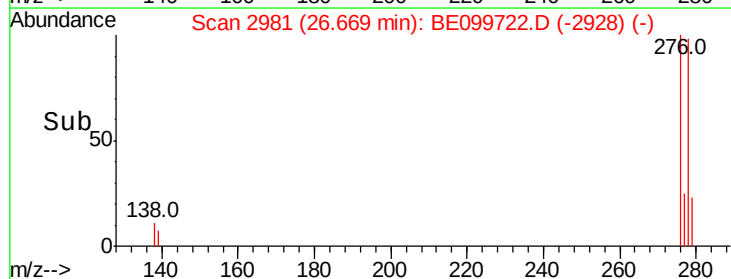
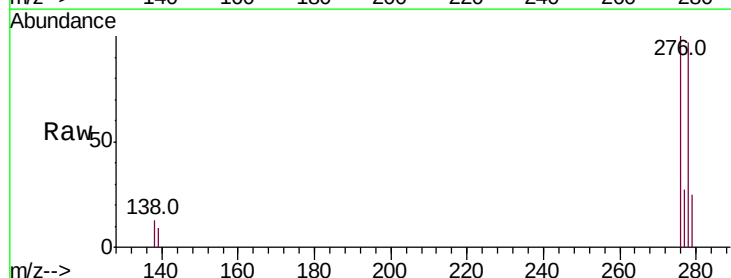
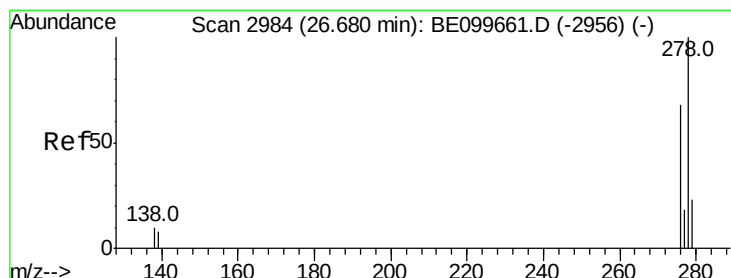
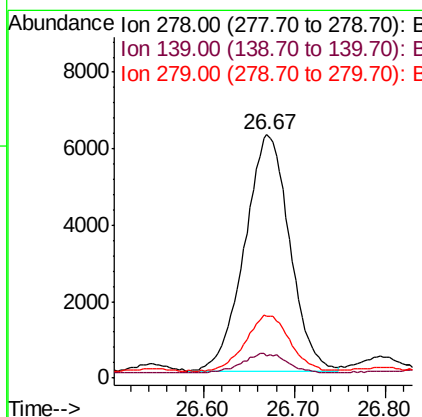
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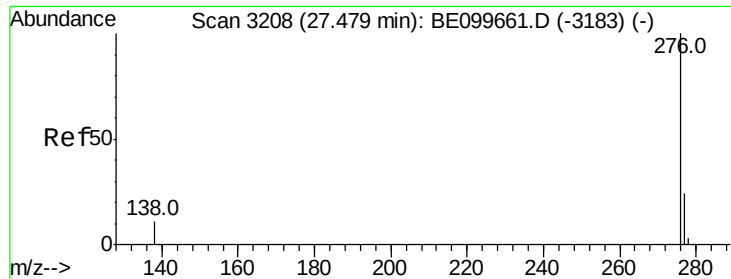
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#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.67 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BE099722.D
Acq: 22 May 2019 16:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	6.9	10.3
279	25.6	19.2	28.8





#39

Benzo(a,h,i)perylene

Concen: 0.705 ng

RT: 27.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE099722.D

Acq: 22 May 2019 16:22

Instrument :

BNA_E

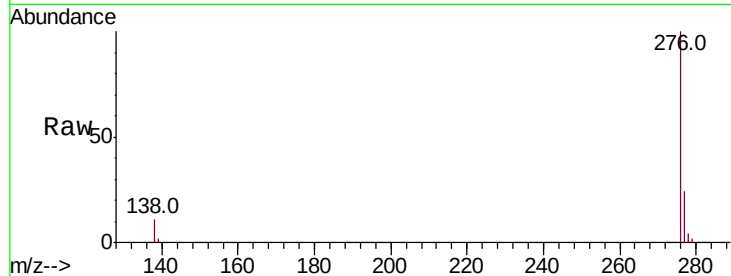
ClientSampleId :

FESB-14(4.5-5)MSD

Tot Ion:	276	Resp:	38673
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.8	29.6
138	10.9	9.2	13.8

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

