

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099689.D
 Acq On : 21 May 2019 14:44
 Operator : JU/SJ
 Sample : K2944-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:41:26 AM

Quant Time: May 21 15:18:42 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	7.83	152	1797	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	5939	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	3876	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	10764	0.40	ng	0.01
27) Chrysene-d12	21.43	240	17641	0.40	ng	0.01
34) Perylene-d12	23.97	264	21860	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1793	0.39	ng	0.01
5) Phenol-d6	6.99	99	2468	0.41	ng	0.01
8) Nitrobenzene-d5	8.99	82	2046	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3551m	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	898	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.11	172	5313	0.36	ng	0.01
25) Fluoranthene-d10	19.27	212	56580	0.38	ng	0.00
29) Terphenyl-d14	19.87	244	11980	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	741	0.279	ng	# 59
3) n-Nitrosodimethylamine	3.62	42	556	0.379	ng	# 79
6) bis(2-Chloroethyl)ether	7.25	93	2027	0.379	ng	99
9) Naphthalene	10.68	128	24386	0.384	ng	100
10) Hexachlorobutadiene	10.96	225	1677	0.359	ng	99
12) 2-Methylnaphthalene	12.31	142	4024	0.389	ng	100
16) Acenaphthylene	14.21	152	6913	0.383	ng	99
17) Acenaphthene	14.55	154	3821	0.377	ng	97
18) Fluorene	15.53	166	5429	0.364	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	2367	0.381	ng	# 88
21) Hexachlorobenzene	16.55	284	2303	0.363	ng	99
22) Pentachlorophenol	16.89	266	2303	1.235	ng	86
23) Phenanthrene	17.28	178	10277	0.391	ng	100
24) Anthracene	17.38	178	9681	0.406	ng	99
26) Fluoranthene	19.30	202	16804	0.404	ng	99
28) Pyrene	19.66	202	17828	0.402	ng	99
30) Benzo(a)anthracene	21.40	228	21837	0.436	ng	99
31) Chrysene	21.46	228	21492	0.401	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	45062	0.780	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	24130	0.373	ng	100
35) Benzo(b)fluoranthene	23.18	252	21026	0.351	ng	# 93
36) Benzo(k)fluoranthene	23.23	252	21461	0.344	ng	# 95
37) Benzo(a)pyrene	23.85	252	20319	0.352	ng	# 95
38) Dibenzo(a,h)anthracene	26.68	278	20294	0.335	ng	# 95
39) Benzo(g,h,i)perylene	27.49	276	20095	0.329	ng	100

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

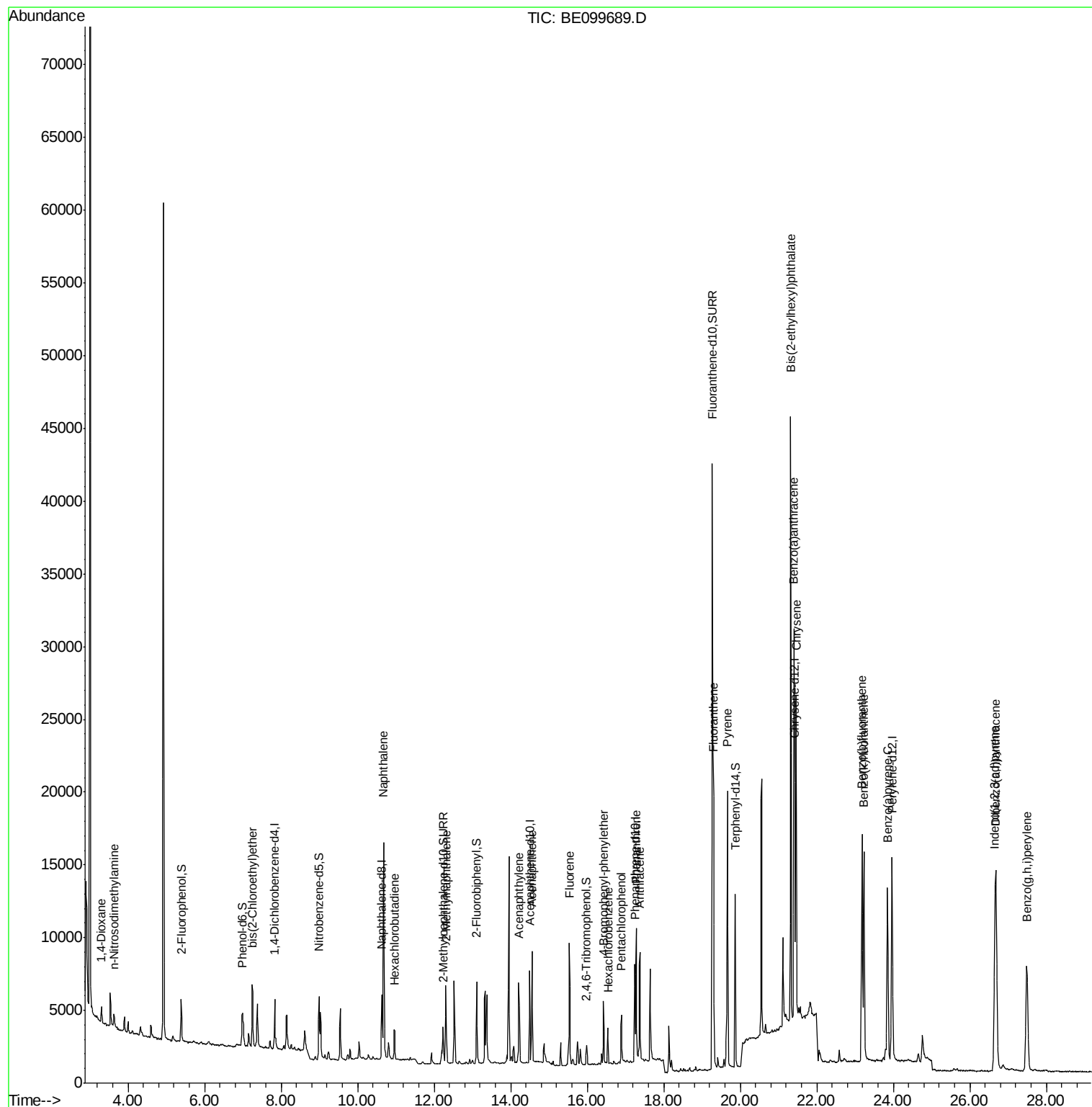
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099689.D
Acq On : 21 May 2019 14:44
Operator : JU/SJ
Sample : K2944-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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Quant Time: May 21 15:18:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

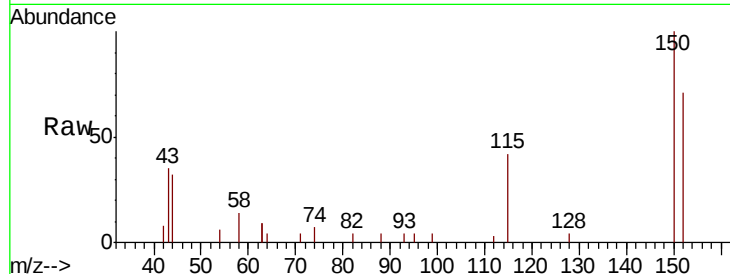
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	109.2	163.8
115	59.8	43.7	65.5

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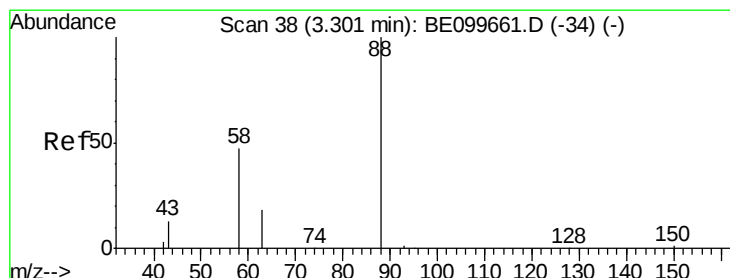
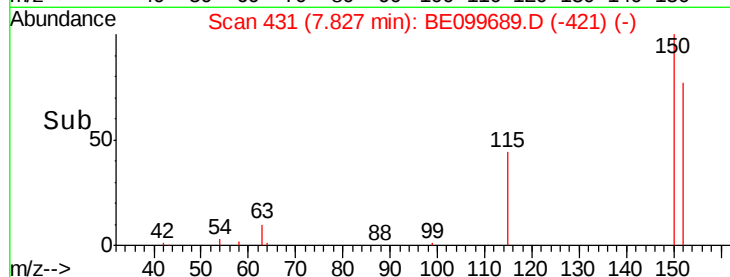
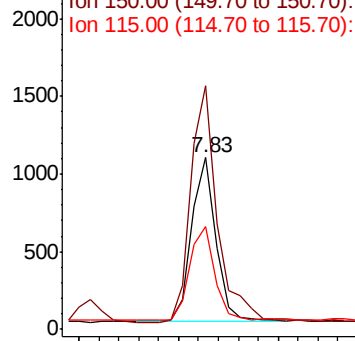


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

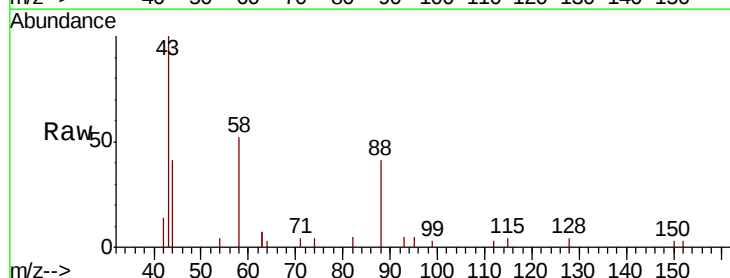
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.279 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	41.8	62.8#
43	62.1	15.0	22.4#

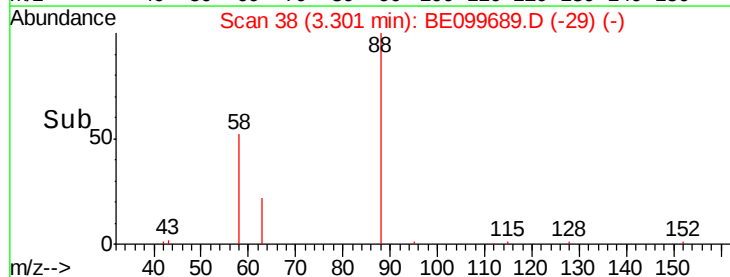
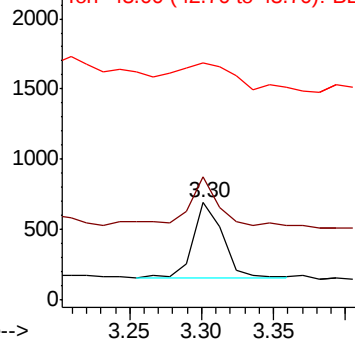


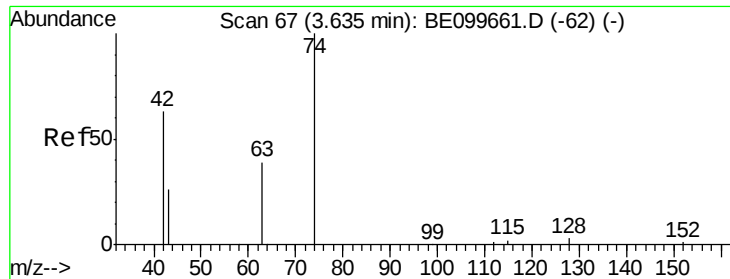
Abundance

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: 0.379 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

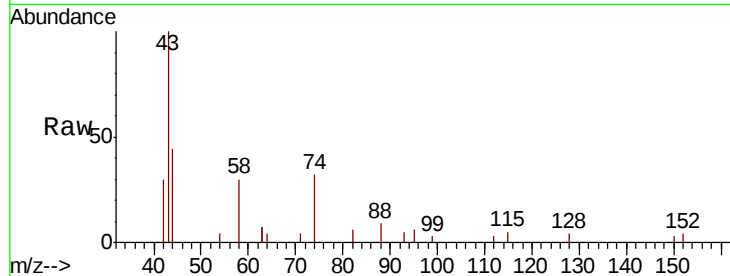
ClientSampleId :

FESB-1(14.5-15)MSD

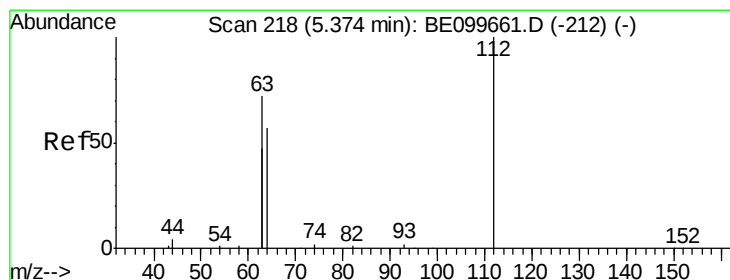
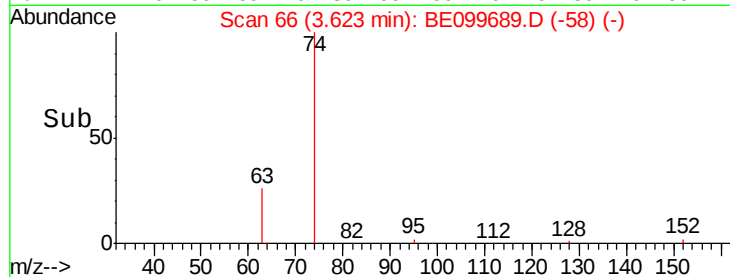
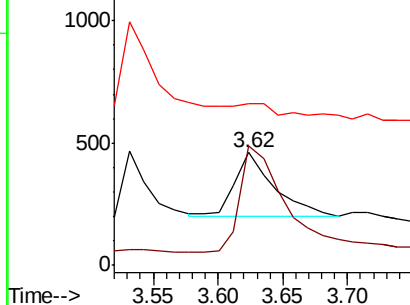
Tot Ion:	42	Resp:	556
Ion	Ratio	Lower	Upper
42	100		
74	189.2	129.2	193.8
44	0.0	0.0	0.0

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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: 0.395 ng

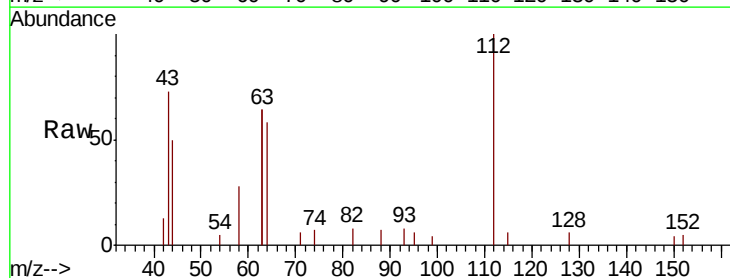
RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

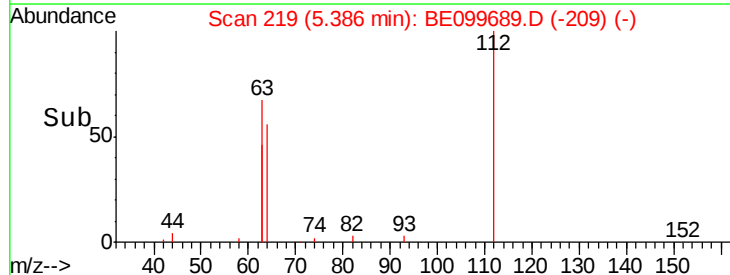
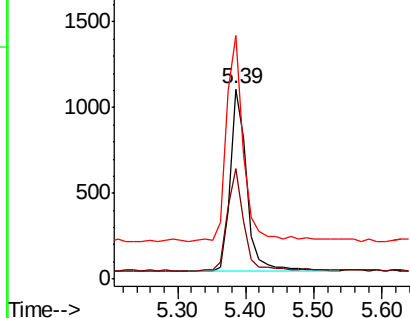
Lab File: BE099689.D

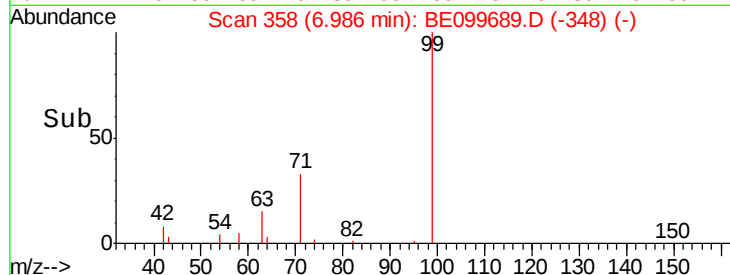
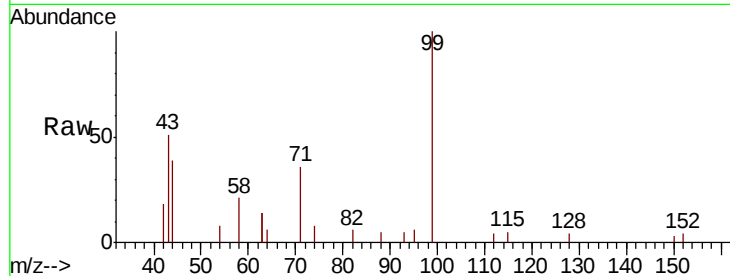
Acq: 21 May 2019 14:44

Tgt Ion:	112	Resp:	1793
Ion	Ratio	Lower	Upper
112	100		
64	56.8	43.4	65.2
63	116.2	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: 0.411 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tot Ion:	99	Resp:	2468
Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.2	18.2#
71	37.6	28.9	43.3

Instrument :

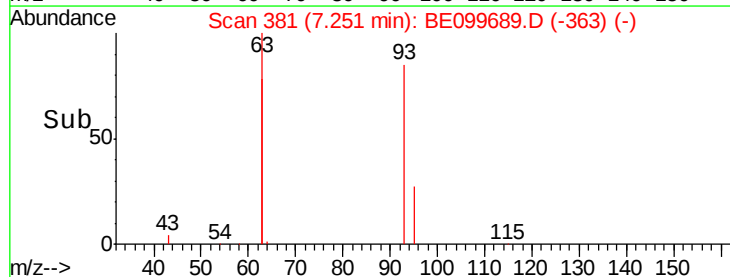
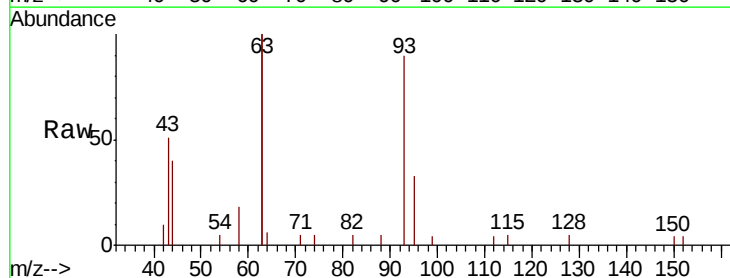
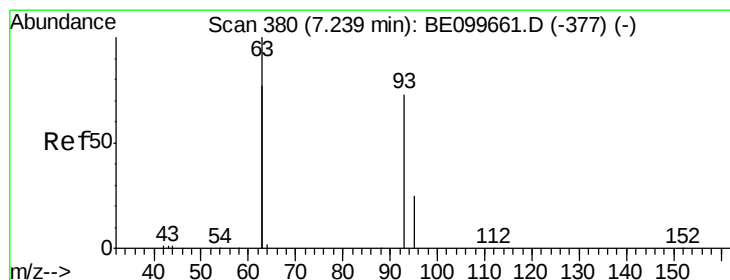
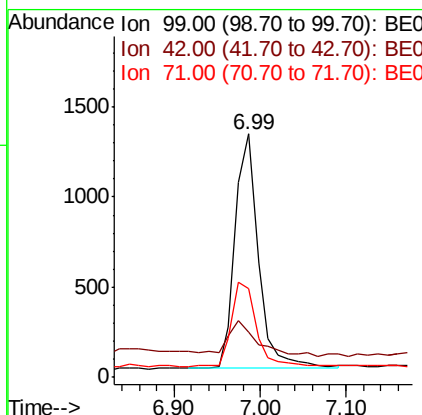
BNA_E

ClientSampleId :

FESB-1(14.5-15)MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.379 ng

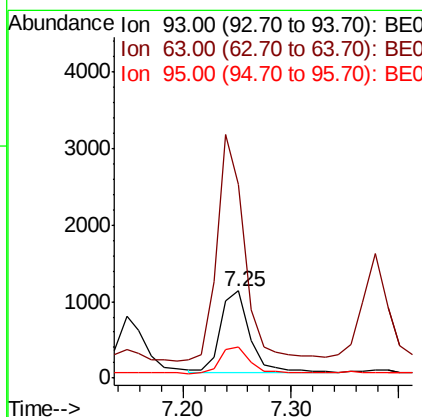
RT: 7.25 min Scan# 381

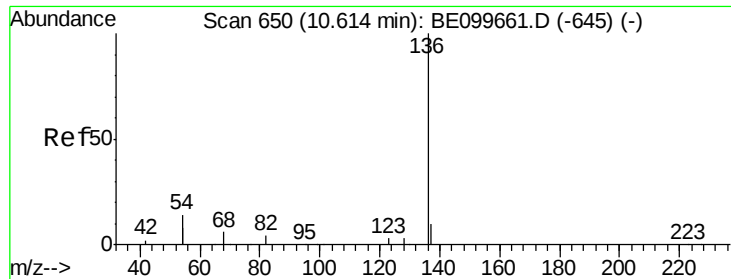
Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tgt Ion:	93	Resp:	2027
Ion	Ratio	Lower	Upper
93	100		
63	258.8	207.8	311.6
95	33.5	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

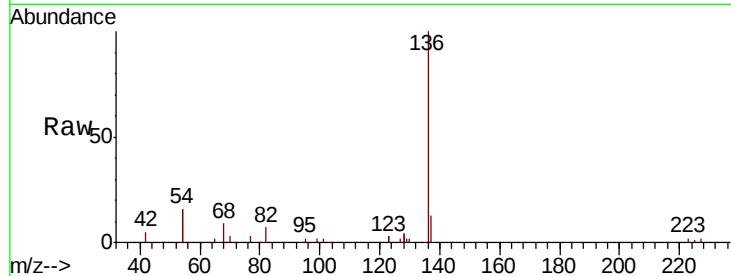
ClientSampleId :

FESB-1(14.5-15)MSD

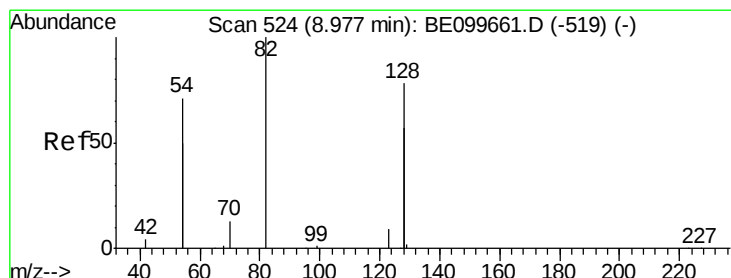
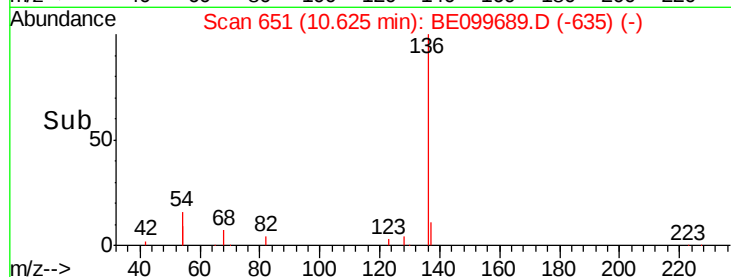
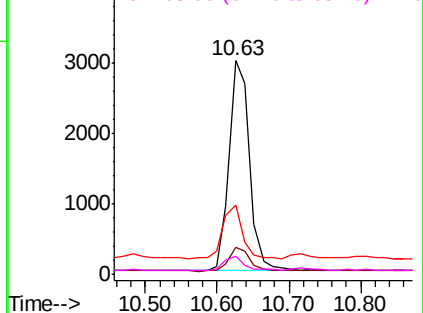
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.0	13.6
54	32.4	22.3	33.5
68	8.6	6.0	9.0

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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: 0.398 ng

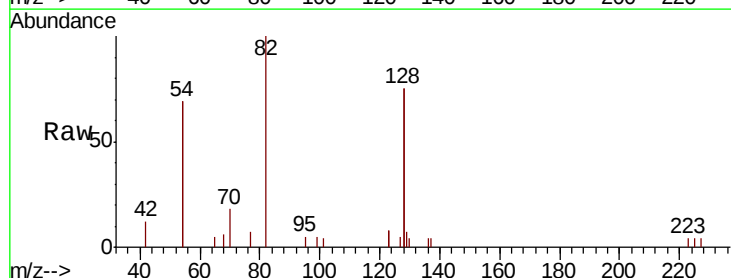
RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

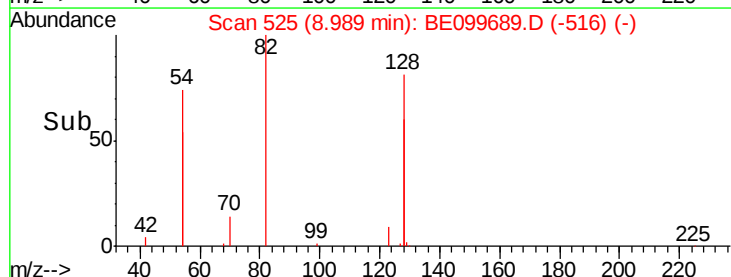
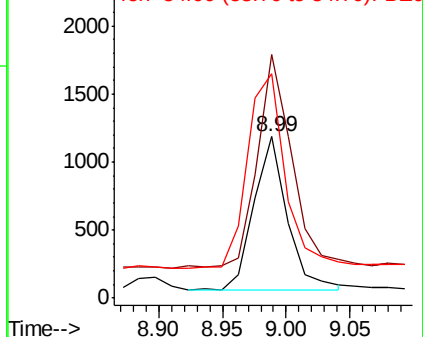
Lab File: BE099689.D

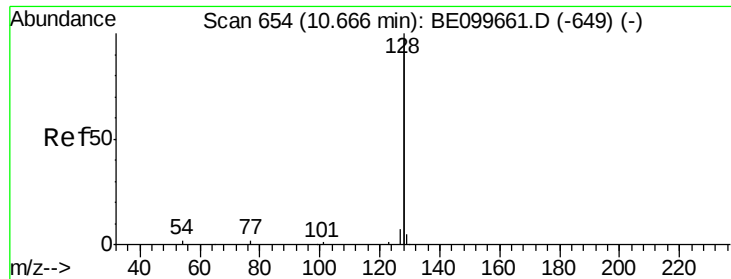
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	150.8	117.7	176.5
54	138.8	106.6	160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.384 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

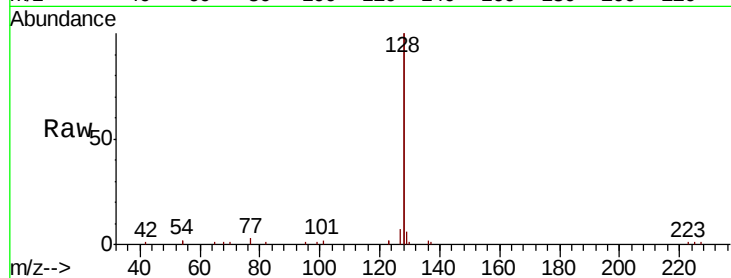
ClientSampleId :

FESB-1(14.5-15)MSD

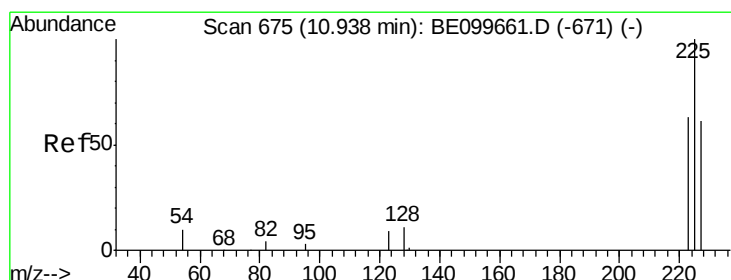
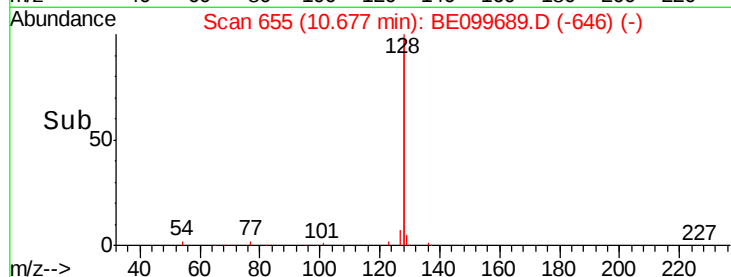
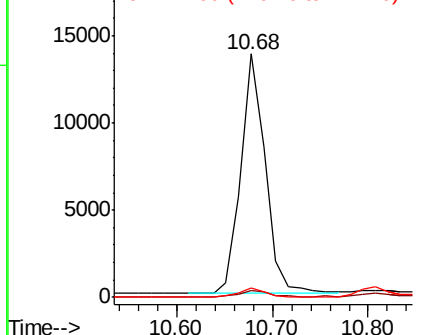
Tot Ion:	128	Resp:	24386
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.4	3.6
127	3.7	2.9	4.3

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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: 0.359 ng

RT: 10.96 min Scan# 677

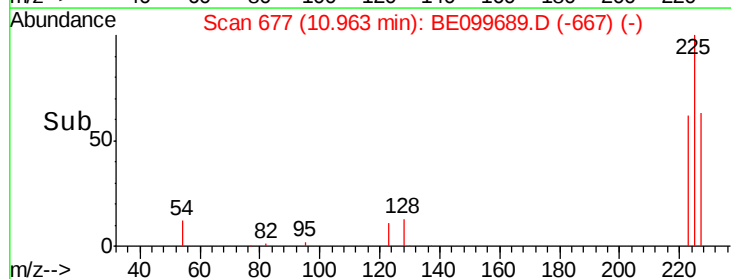
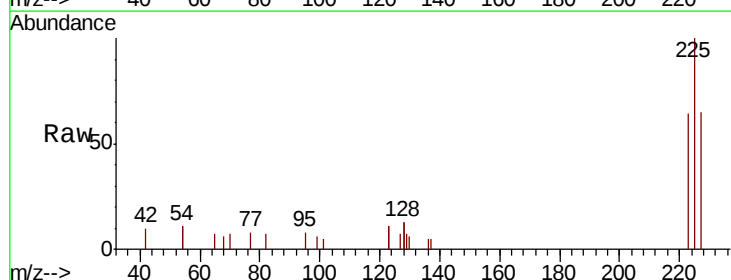
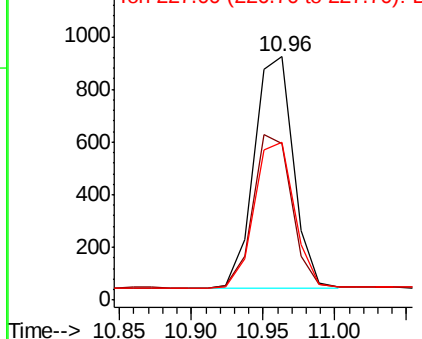
Delta R.T. 0.02 min

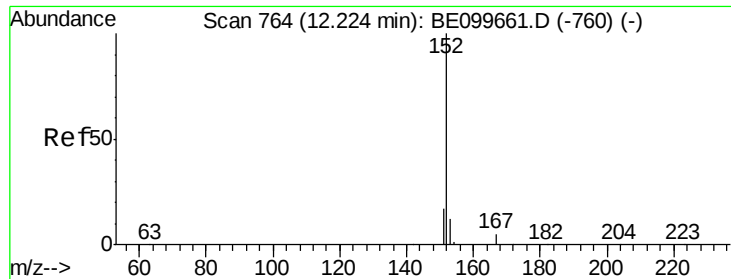
Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tgt Ion:	225	Resp:	1677
Ion Ratio	Lower	Upper	
225	100		
223	64.8	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





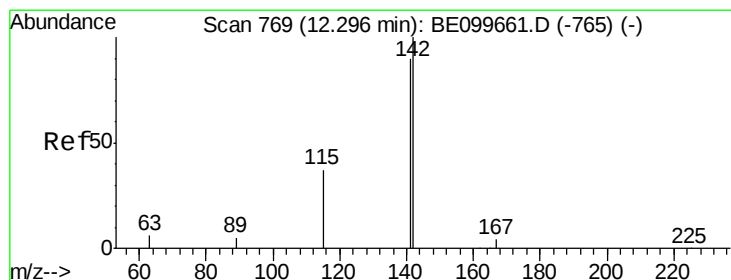
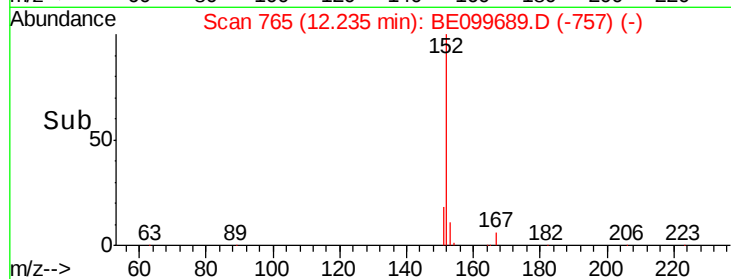
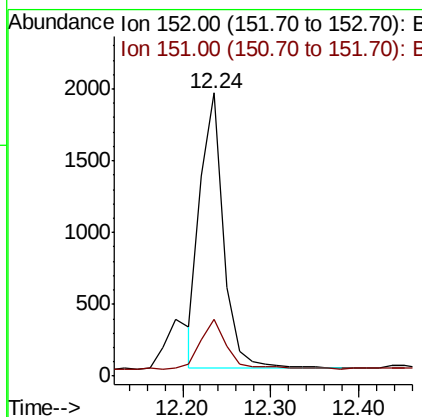
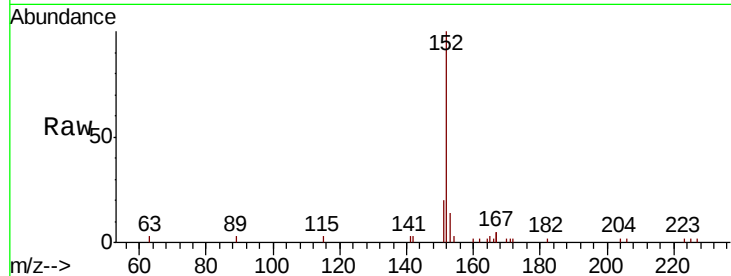
#11
2-Methylnaphthalene-d10
Concen: 0.346 ng m
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.0	22.4

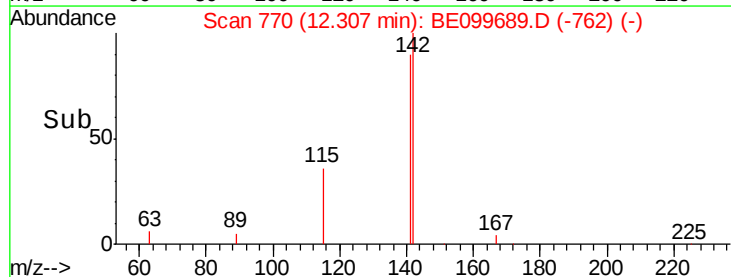
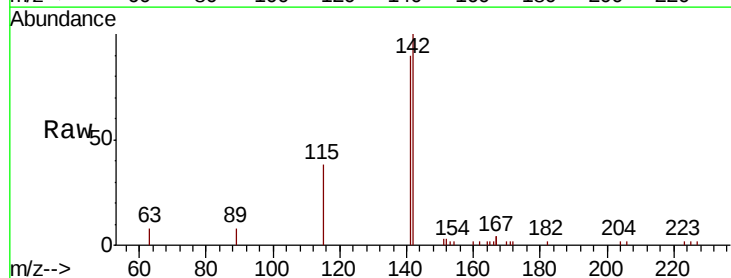
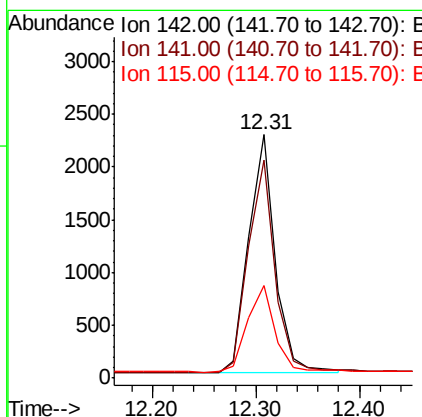
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#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.0	108.0
115	38.1	31.0	46.4





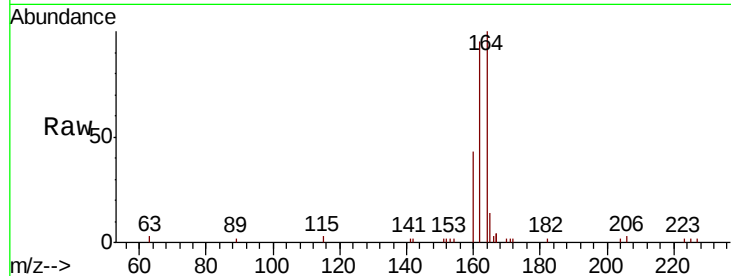
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BE099689.D
 Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.5	114.7
160	43.3	37.4	56.2

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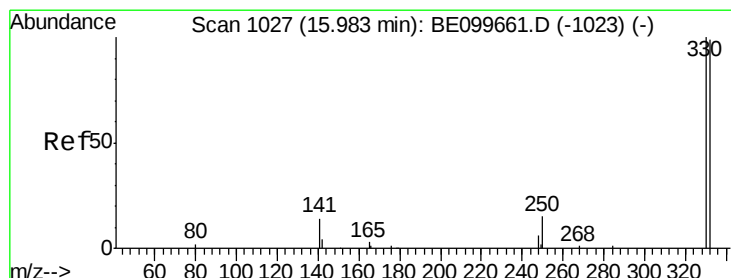
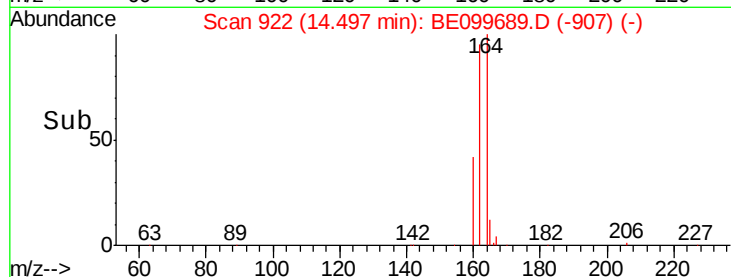
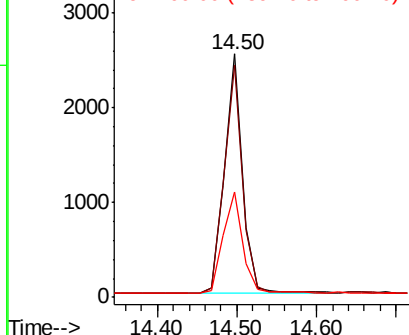


Abundance

Ion 164.00 (163.70 to 164.70): E

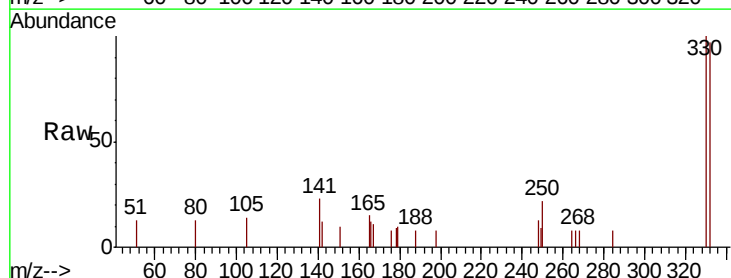
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
 2,4,6-Tribromophenol
 Concen: 0.434 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099689.D
 Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.3	115.9
141	23.4	18.9	28.3

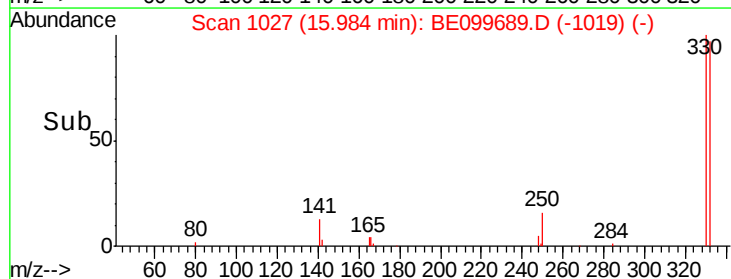
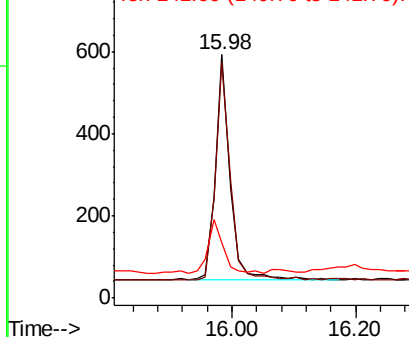


Abundance

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





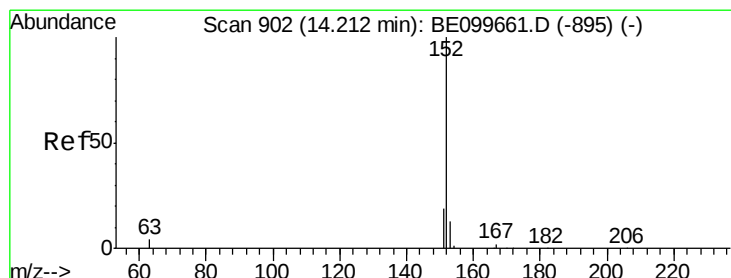
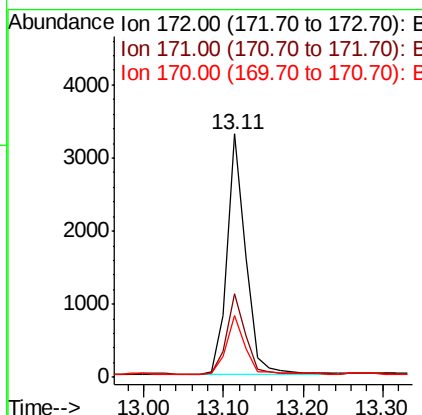
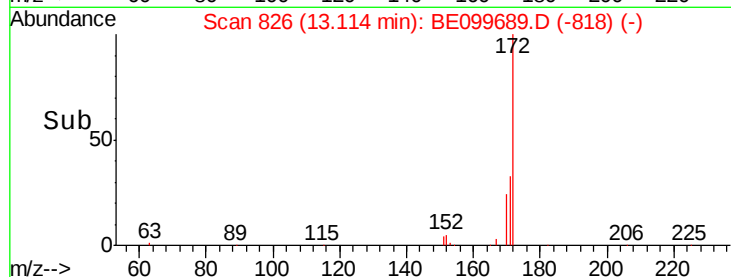
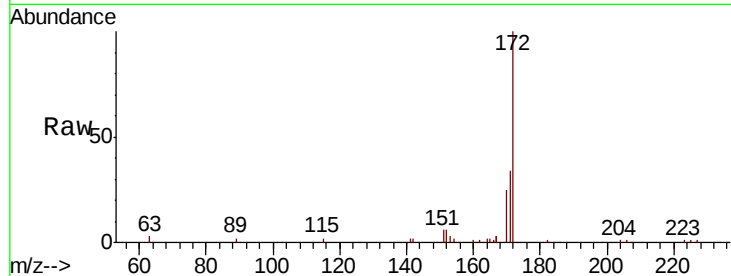
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.11 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	25.4	20.9	31.3

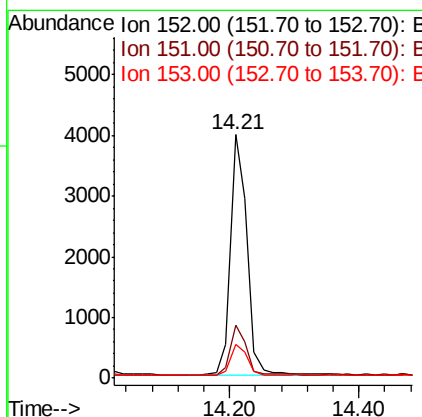
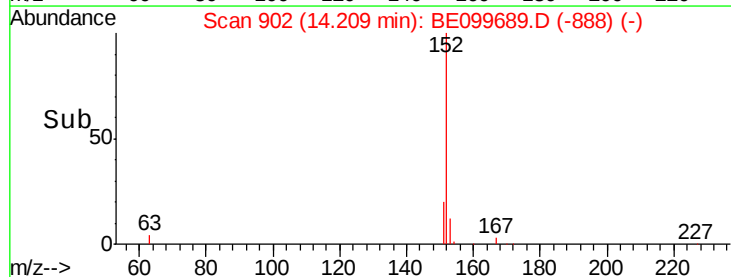
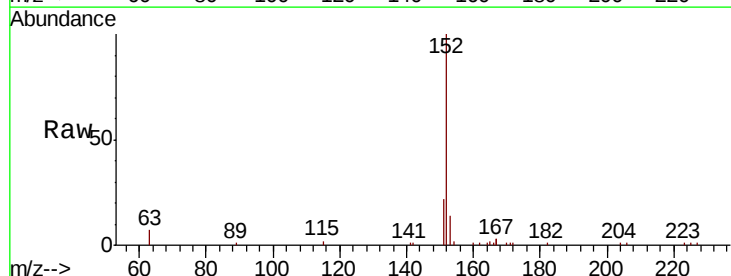
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#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.9	10.6	16.0





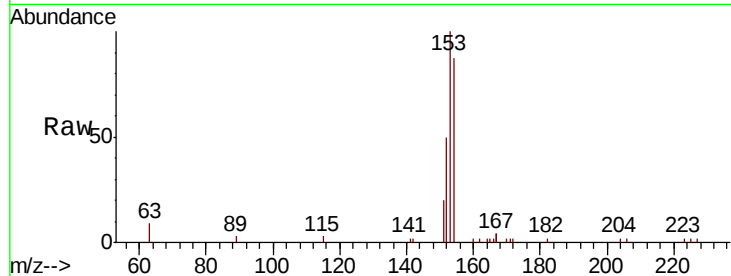
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.6	91.8	137.6
152	55.8	46.0	69.0

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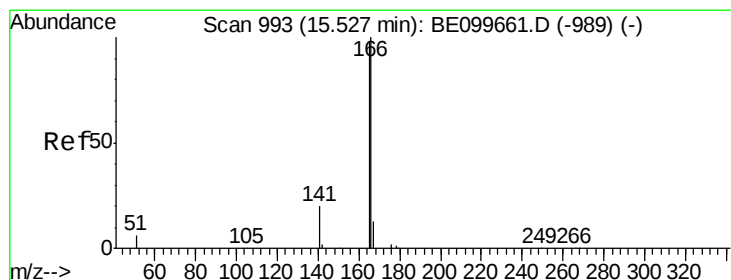
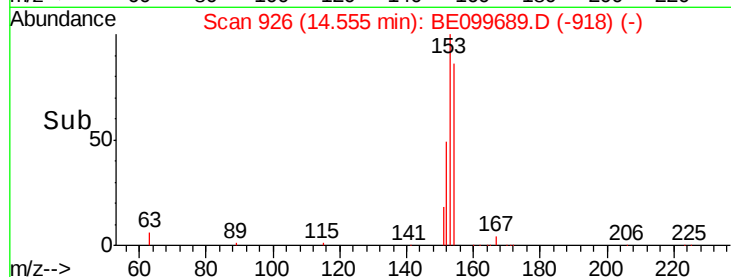
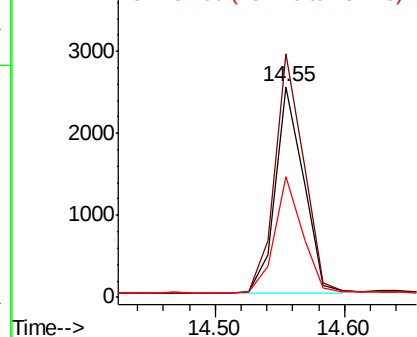


Abundance

Ion 154.00 (153.70 to 154.70): E

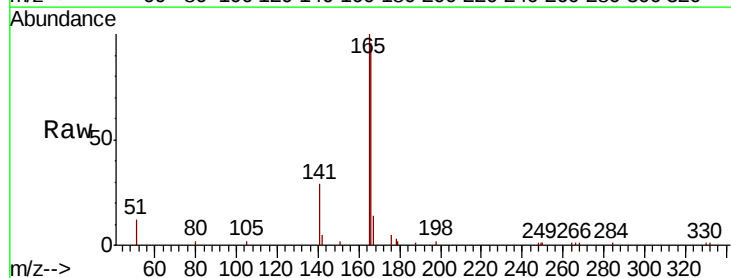
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.364 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	12.8	10.6	16.0

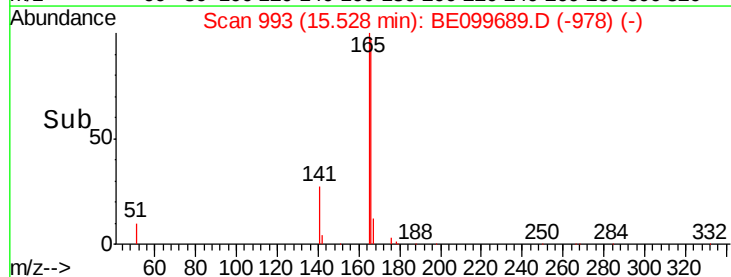
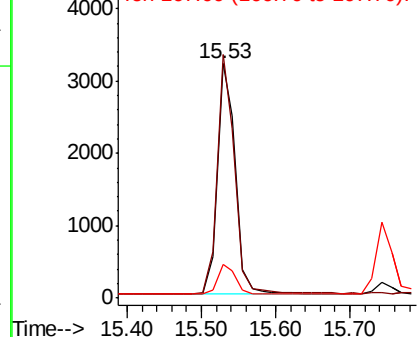


Abundance

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





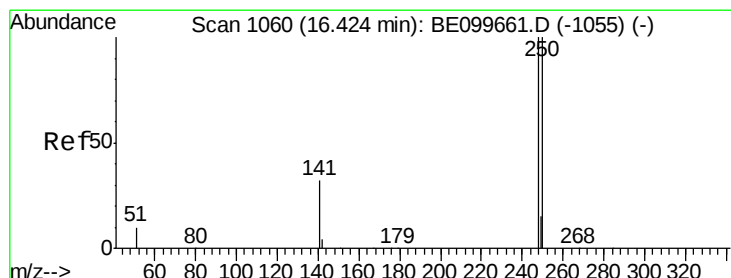
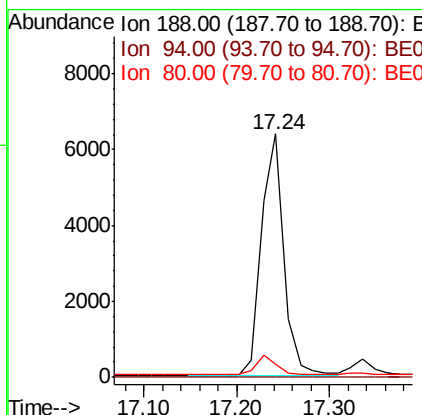
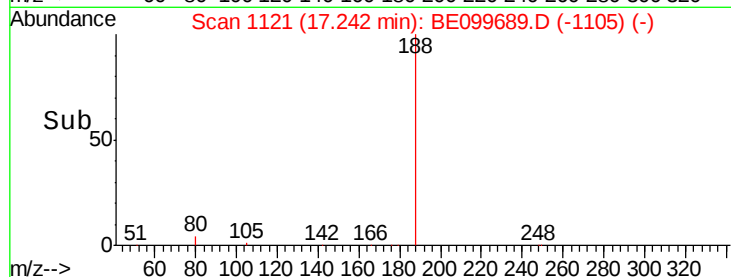
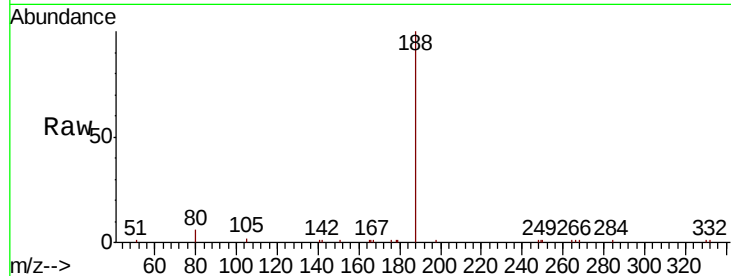
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	10764		
94	0.0	0.0	0.0	
80	5.6	6.7	10.1	

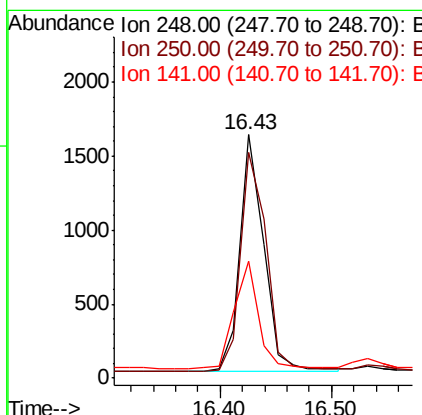
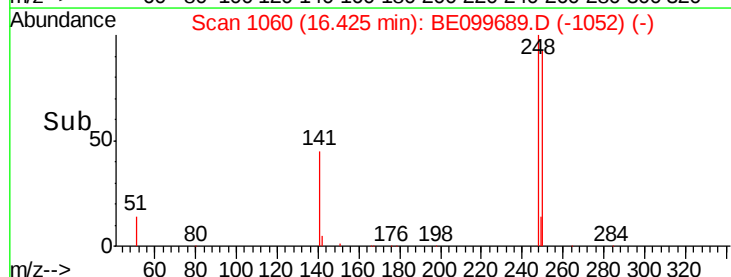
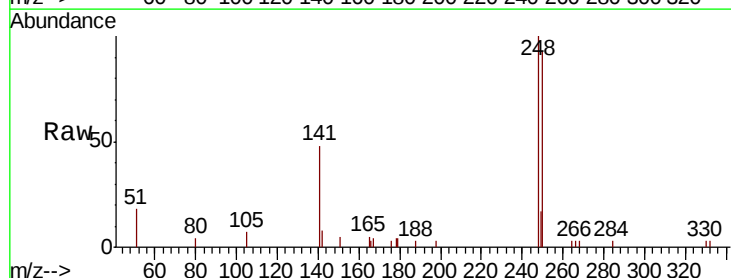
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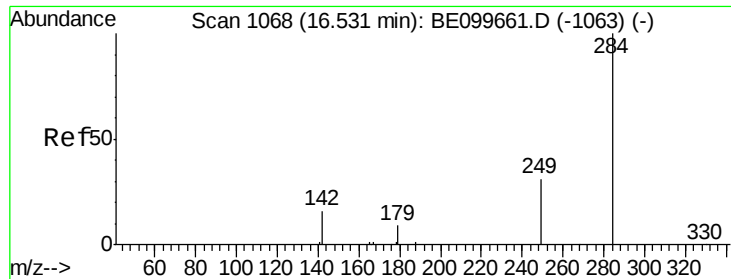
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#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	2367		
250	92.9	79.8	119.8	
141	48.2	27.0	40.6	





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

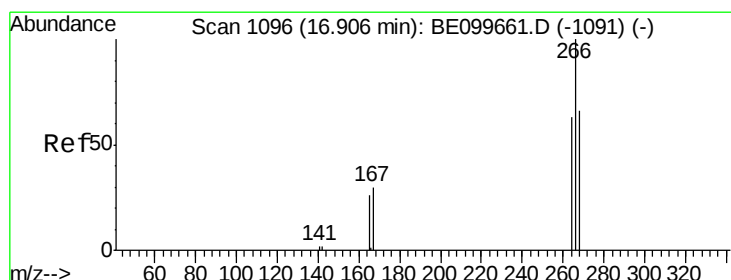
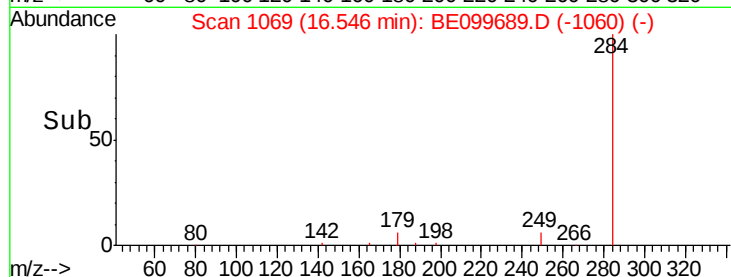
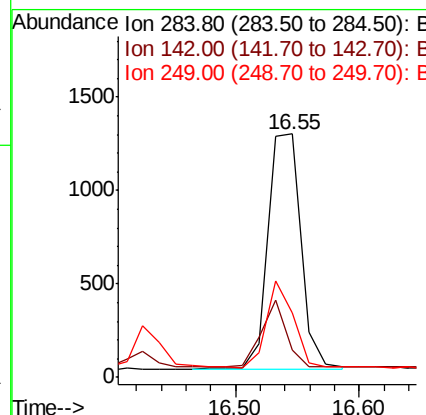
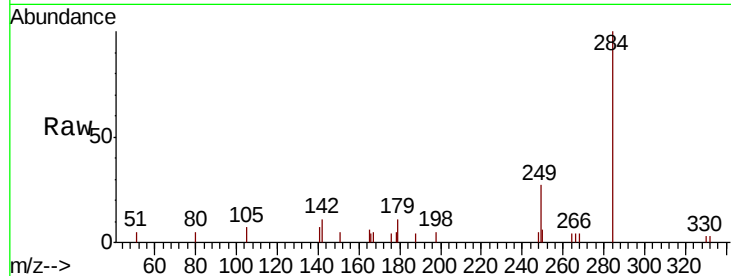
ClientSampleId :

FESB-1(14.5-15)MSD

Tot Ion:	284	Resp:	2303
Ion Ratio	Lower	Upper	
284	100		
142	22.2	17.8	26.6
249	29.9	24.8	37.2

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#22

Pentachlorophenol

Concen: 1.235 ng

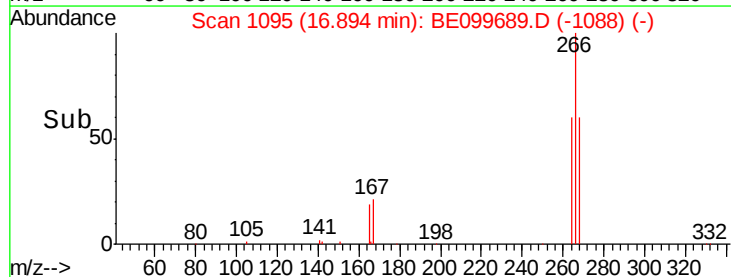
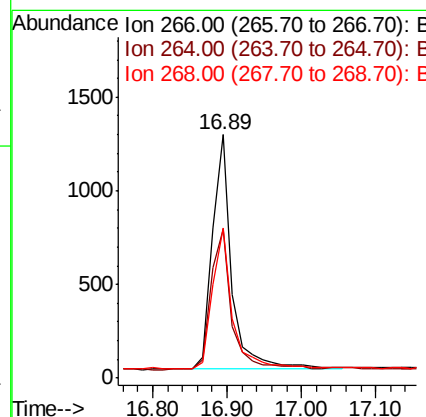
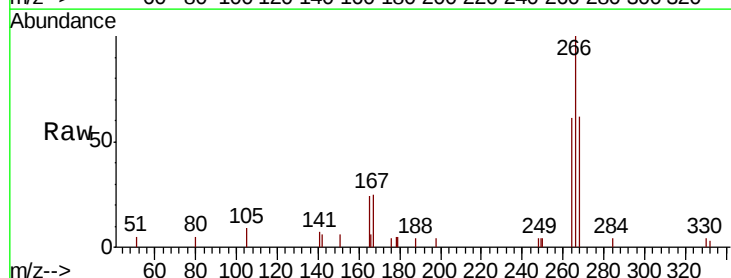
RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tgt Ion:	266	Resp:	2303
Ion Ratio	Lower	Upper	
266	100		
264	61.4	57.2	85.8
268	61.8	60.5	90.7





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

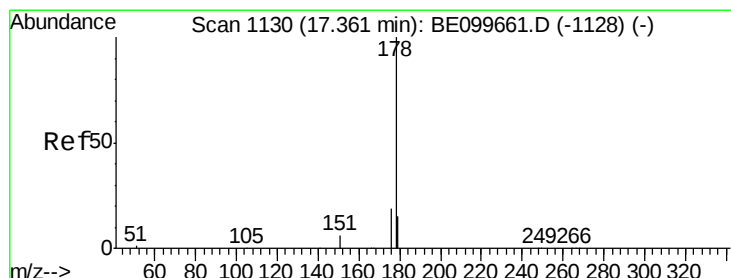
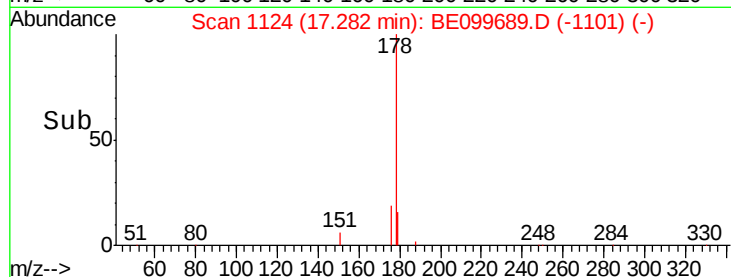
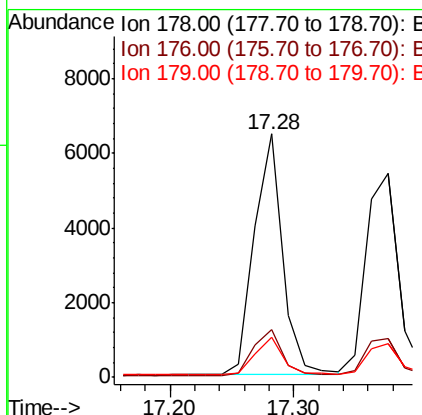
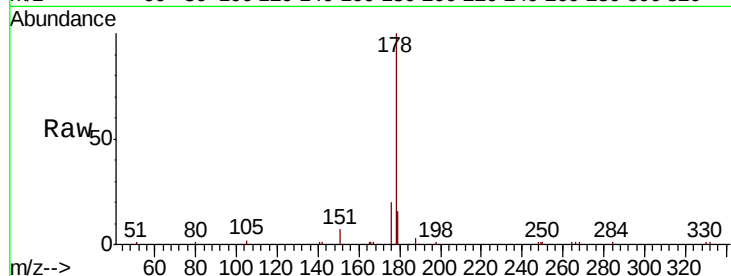
ClientSampleId :

FESB-1(14.5-15)MSD

Tot Ion:178	Resp:	10277
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.6 23.4
179	15.3	12.2 18.4

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#24

Anthracene

Concen: 0.406 ng

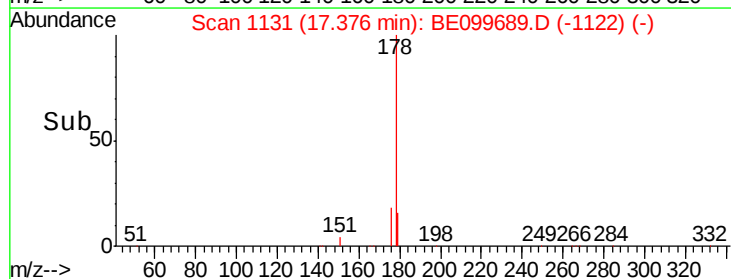
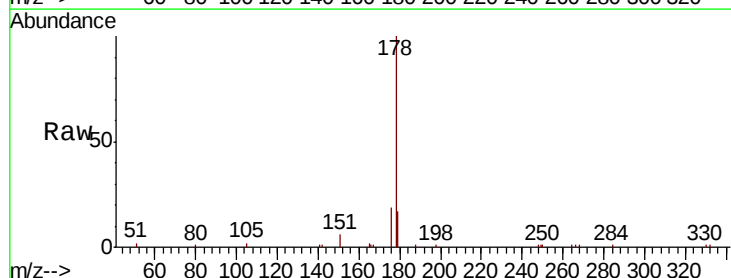
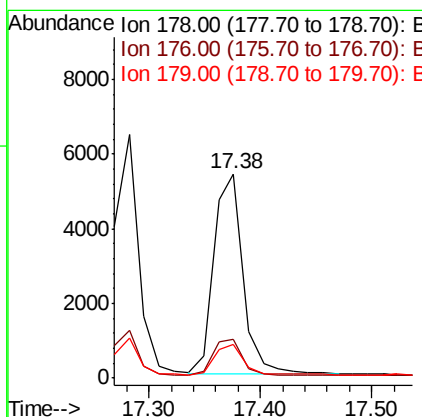
RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tgt Ion:178	Resp:	9681
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.7 22.1
179	15.4	12.0 18.0





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

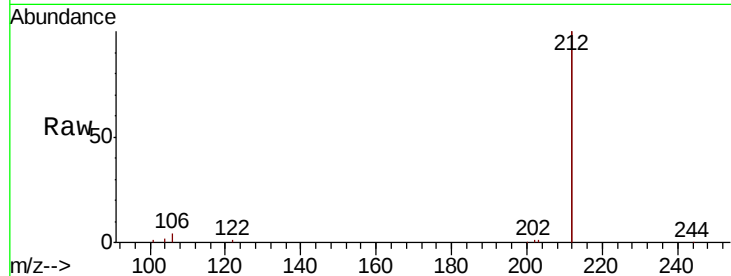
ClientSampleId :

FESB-1(14.5-15)MSD

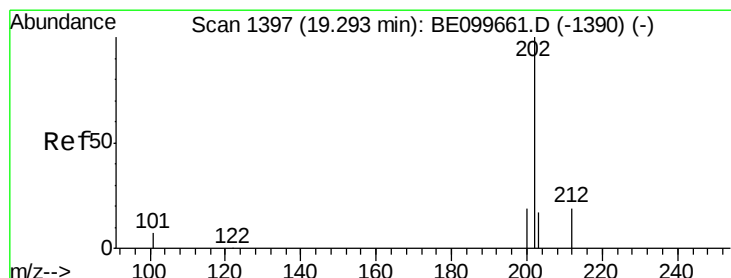
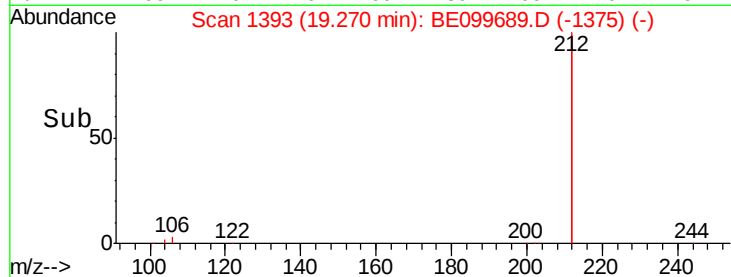
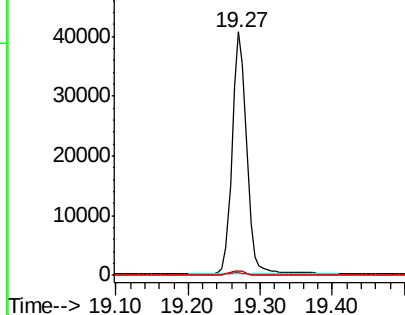
Tot Ion:	212	Resp:	56580
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.2
104	1.1	0.8	1.2

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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: 0.404 ng

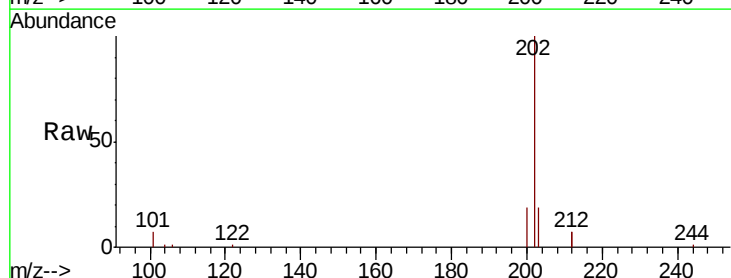
RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

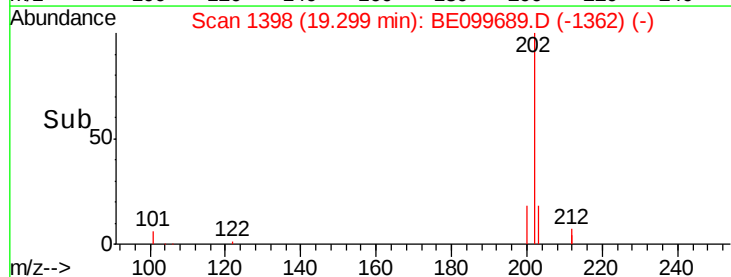
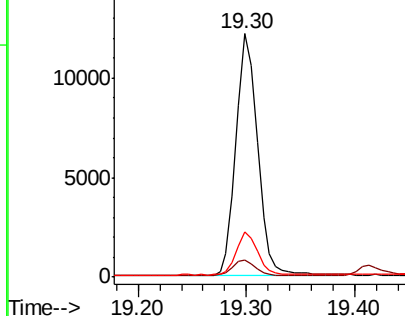
Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tgt Ion:	202	Resp:	16804
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.2	7.8
203	17.5	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





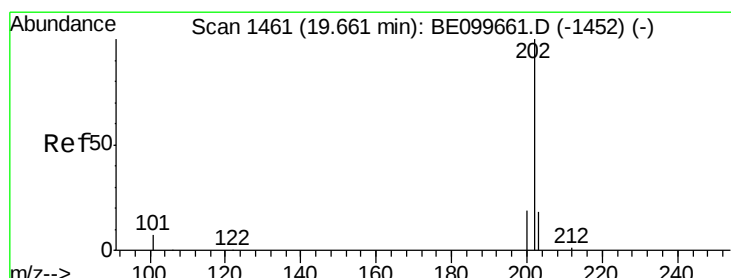
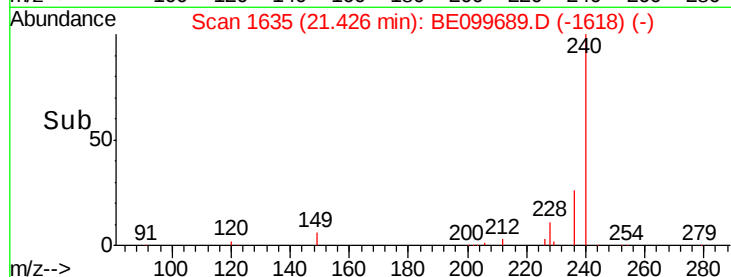
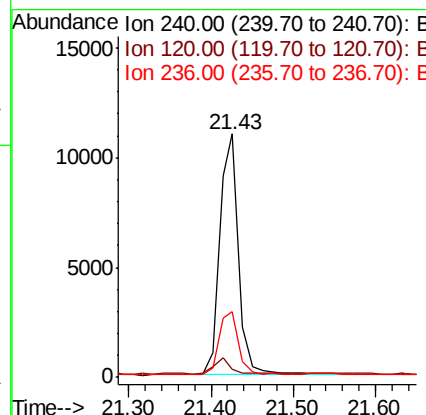
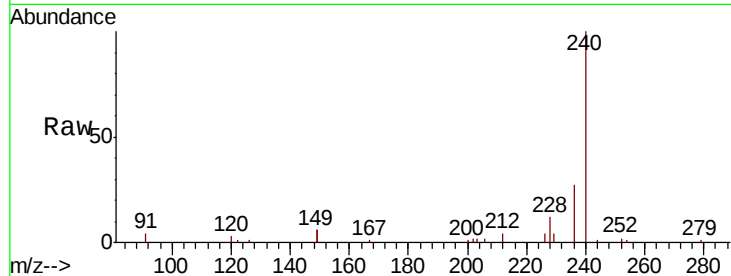
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	3.3	5.4	8.0	
236	26.8	21.7	32.5	

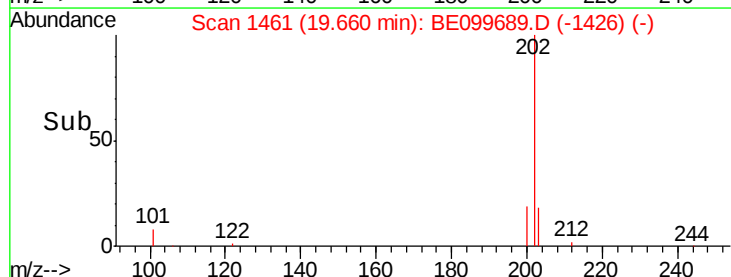
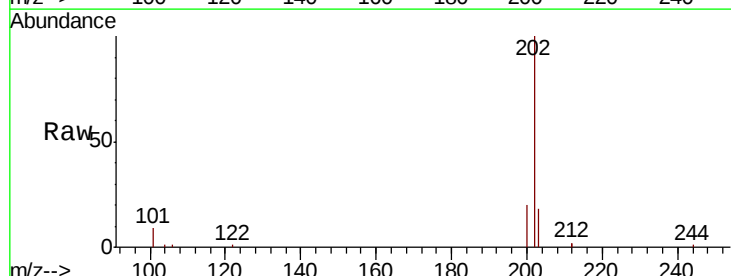
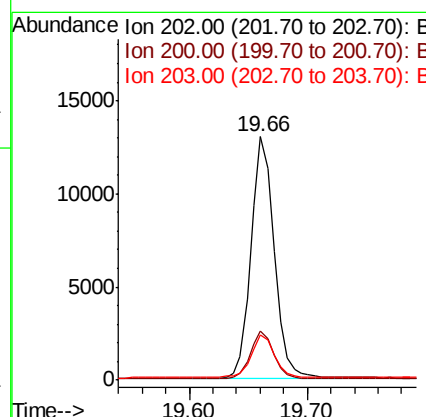
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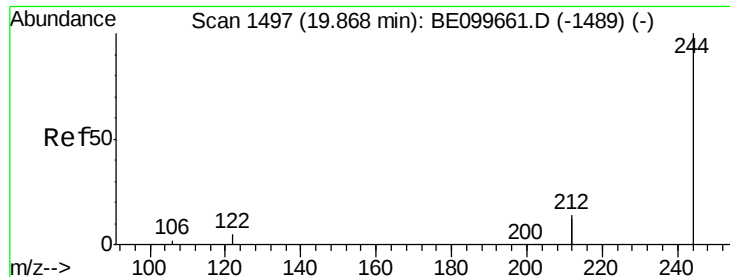
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#28
Pyrene
Concen: 0.402 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	19.6	15.4	23.2	
203	18.2	13.8	20.8	





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099689.D

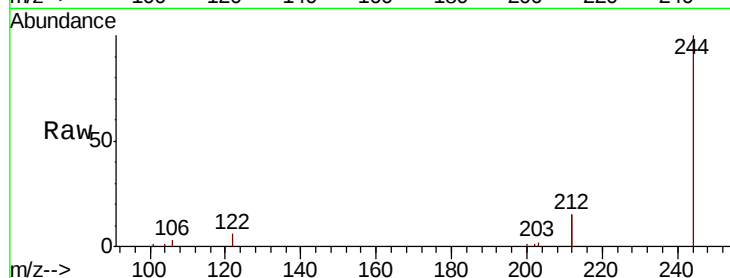
Acq: 21 May 2019 14:44

Instrument :

BNA_E

ClientSampleId :

FESB-1(14.5-15)MSD



Tot Ion:244 Resp: 11980

Ion Ratio Lower Upper

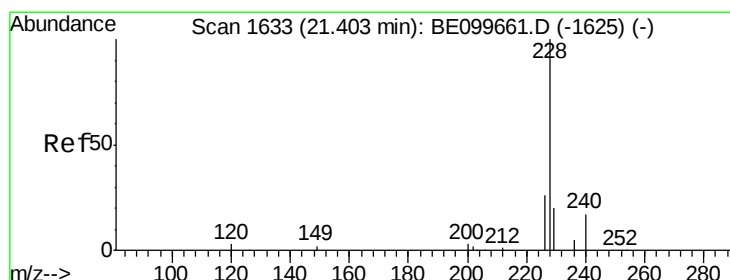
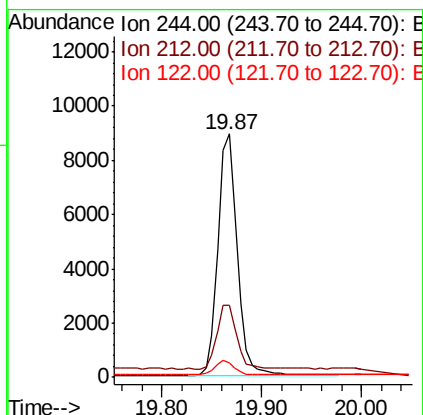
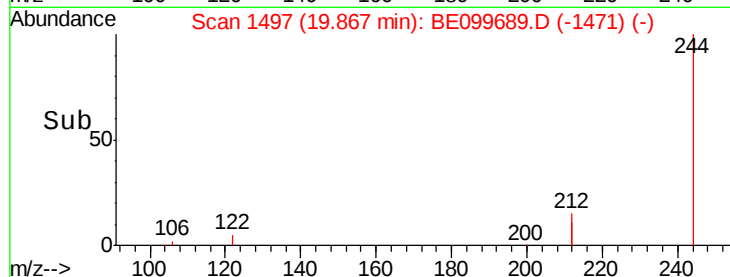
244 100

212 29.5 22.5 33.7

122 5.7 4.3 6.5

Manual Integrations
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#30

Benzo(a)anthracene

Concen: 0.436 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

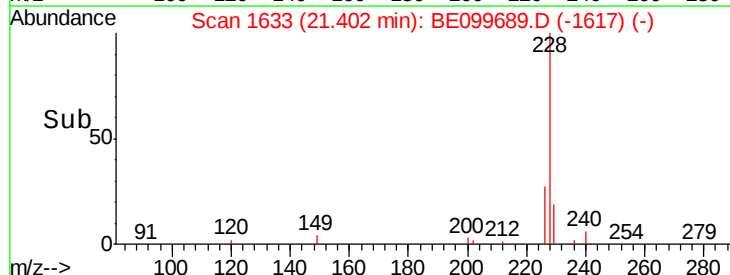
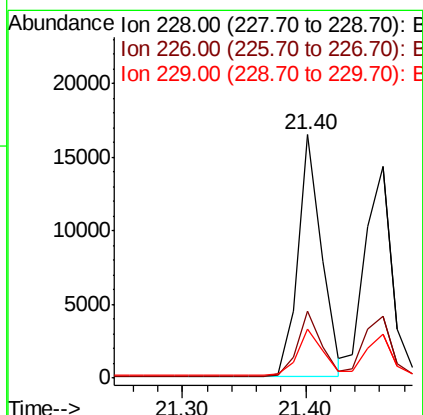
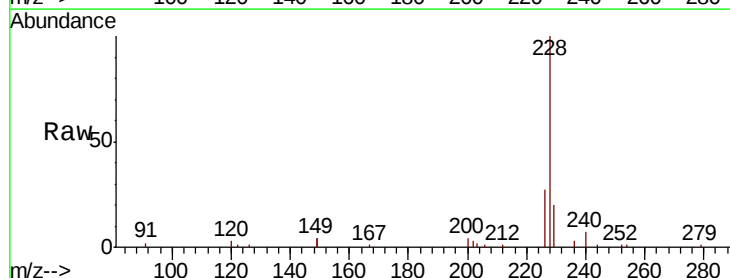
Tgt Ion:228 Resp: 21837

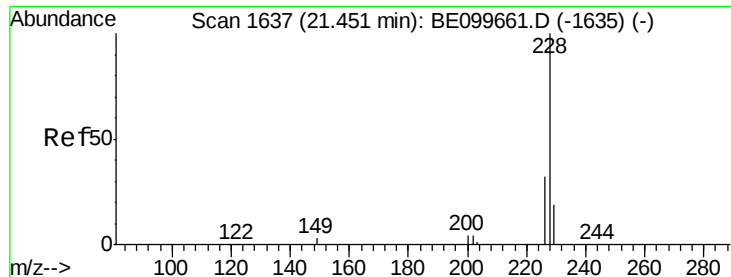
Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

229 20.3 16.1 24.1





#31

Chrysene

Concen: 0.401 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

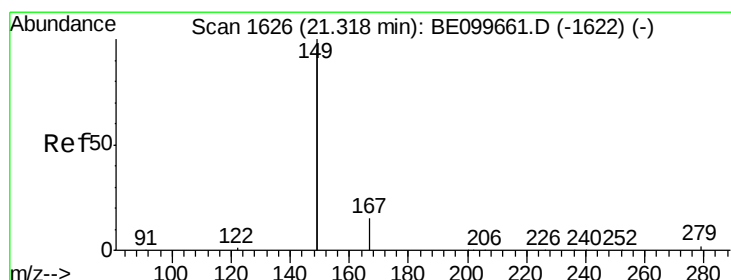
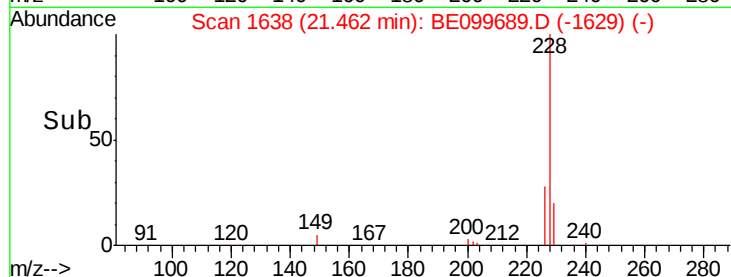
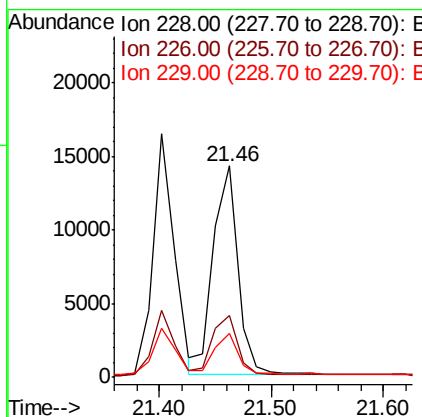
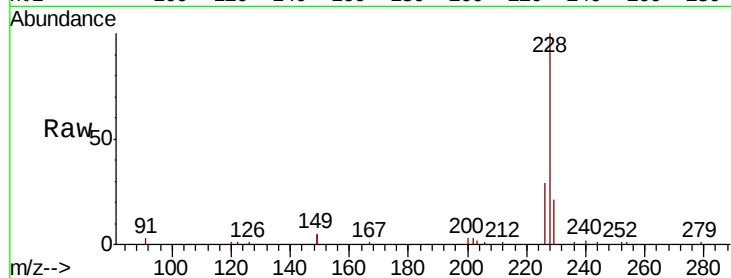
ClientSampleId :

FESB-1(14.5-15)MSD

Tot Ion:	228	Resp:	21492
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.7	37.1
229	20.9	15.8	23.6

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.780 ng

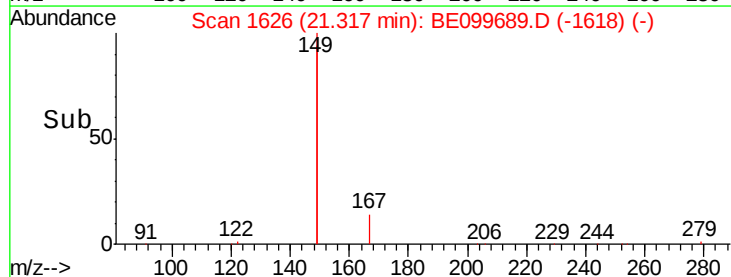
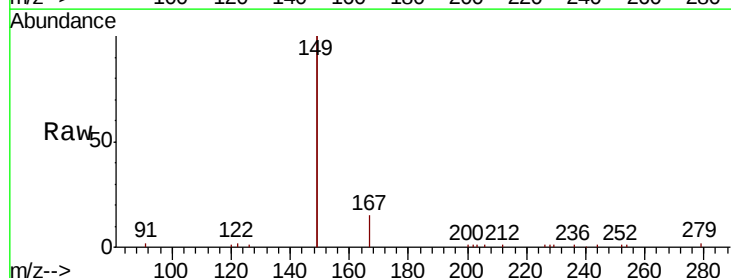
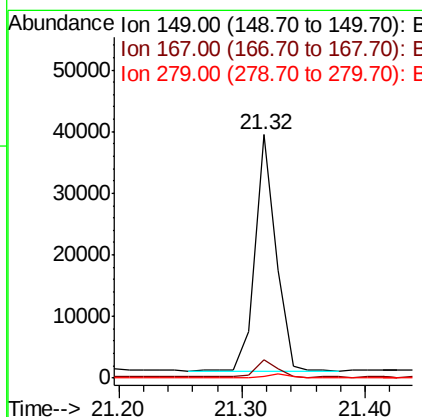
RT: 21.32 min Scan# 1626

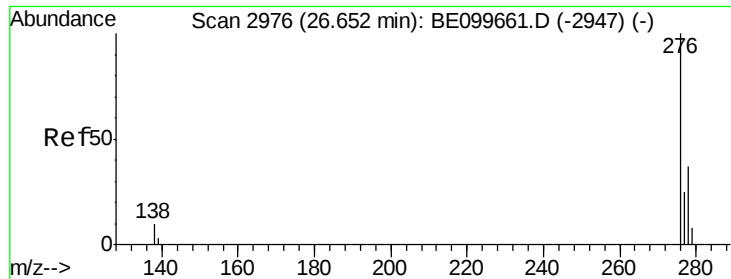
Delta R.T. -0.00 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Tgt Ion:	149	Resp:	45062
Ion Ratio	Lower	Upper	
149	100		
167	7.6	6.2	9.4
279	1.5	1.2	1.8





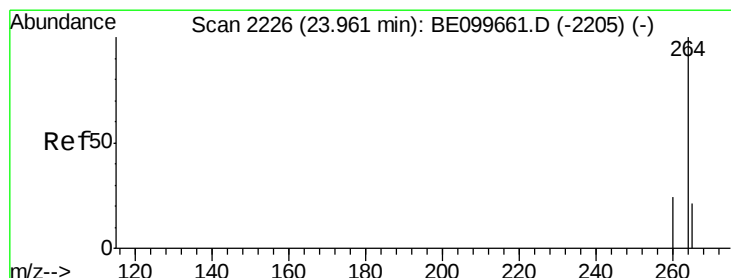
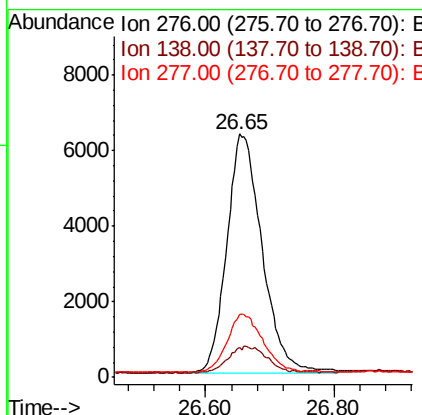
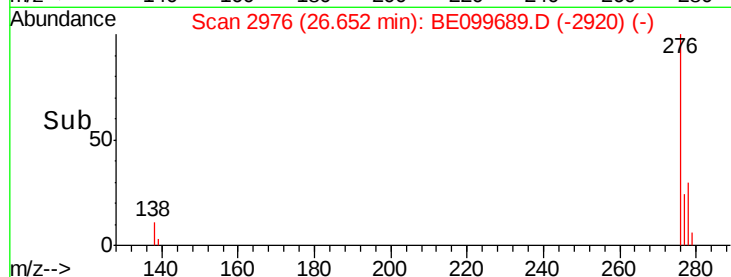
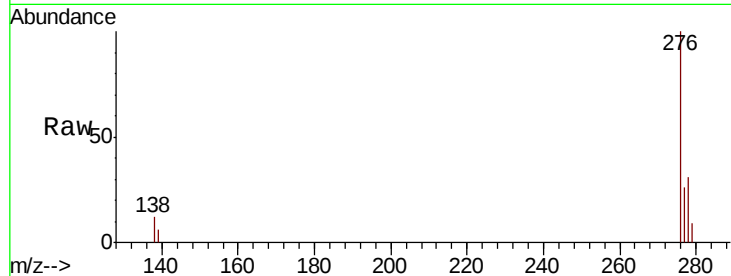
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.373 ng
 RT: 26.65 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BE099689.D
 Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.6	14.4
277	24.2	19.2	28.8

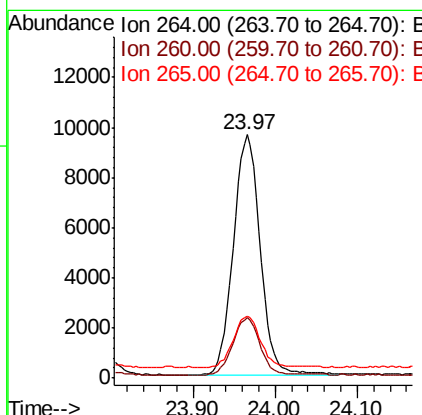
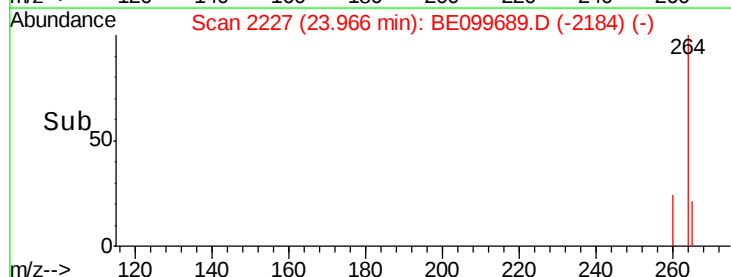
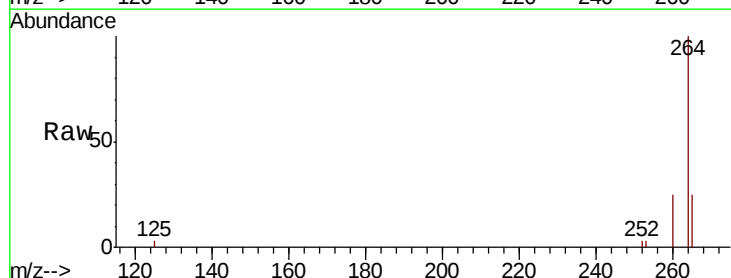
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BE099689.D
 Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	25.5	19.1	28.7





#35

Benzo(b)fluoranthene

Concen: 0.351 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

Instrument :

BNA_E

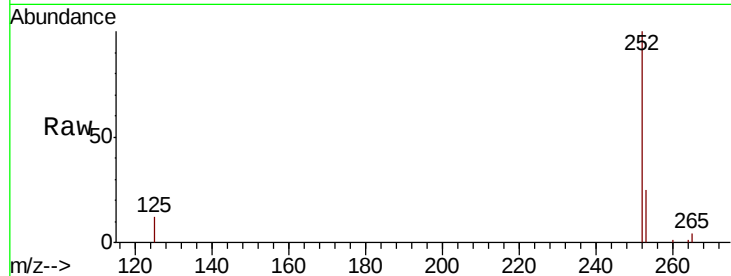
ClientSampleId :

FESB-1(14.5-15)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	11.6	4.5	6.7

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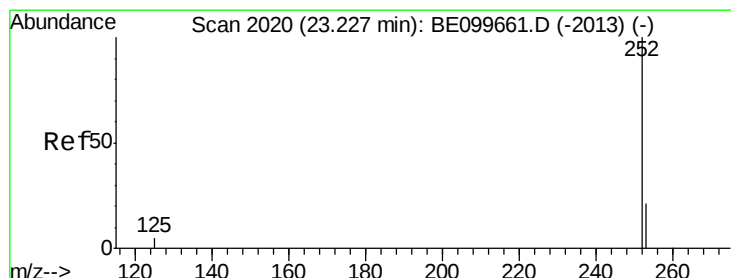
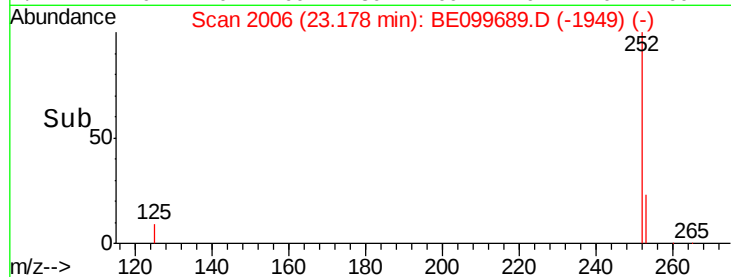
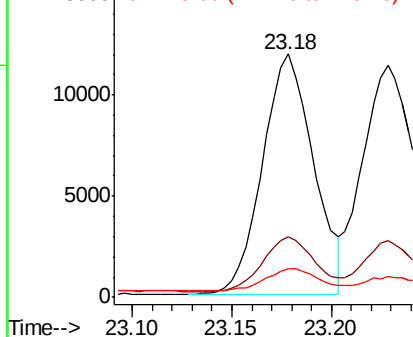


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.344 ng

RT: 23.23 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BE099689.D

Acq: 21 May 2019 14:44

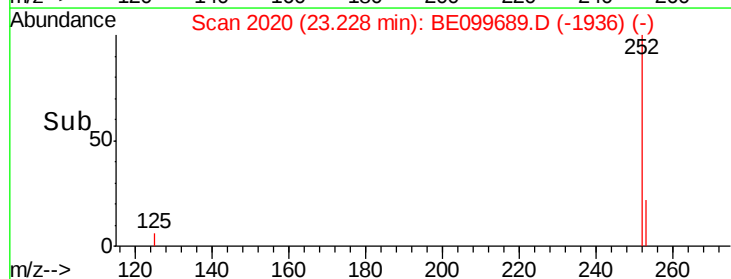
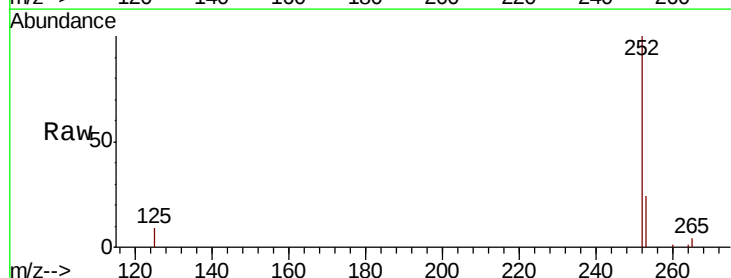
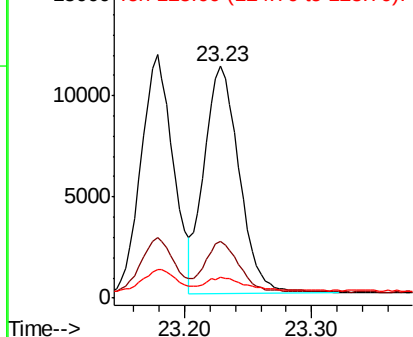
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	9.0	4.6	6.8

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





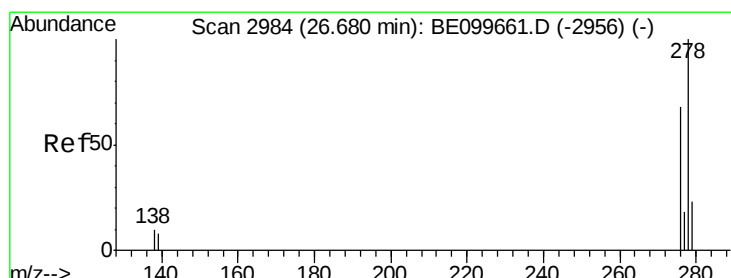
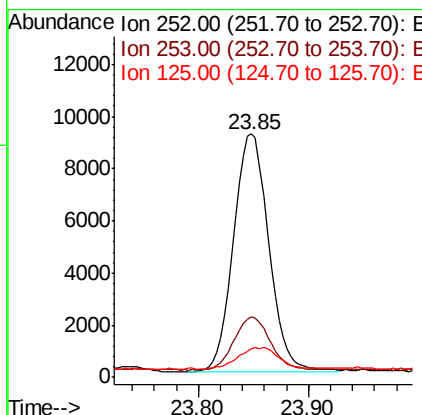
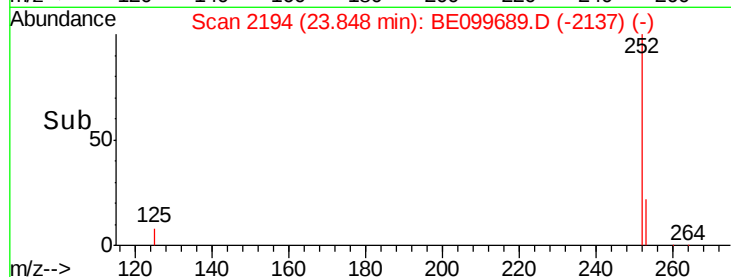
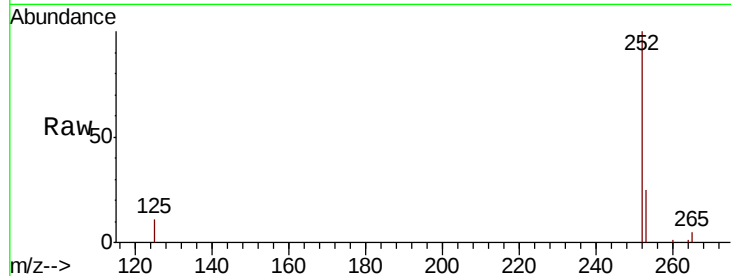
#37
Benzo(a)pyrene
Concen: 0.352 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.9	28.3
125	11.5	5.4	8.0

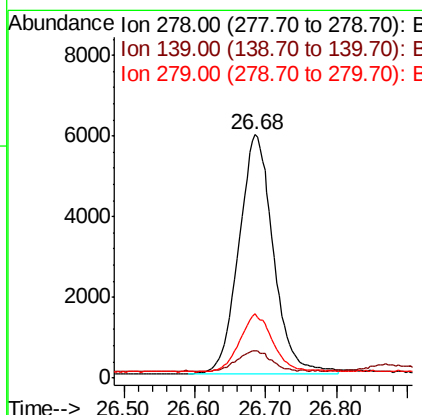
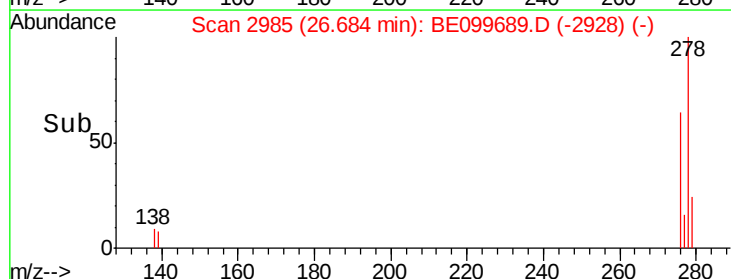
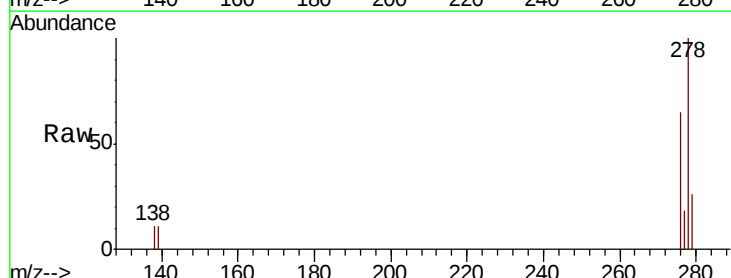
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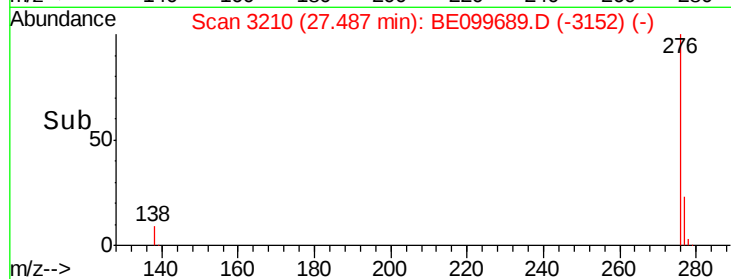
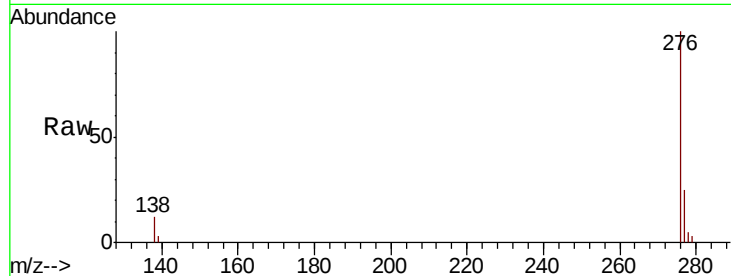
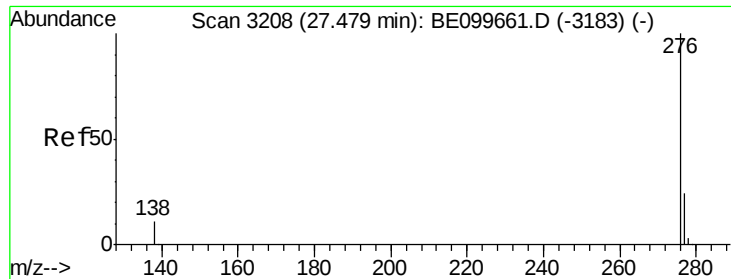
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#38
Dibenzo(a,h)anthracene
Concen: 0.335 ng
RT: 26.68 min Scan# 2985
Delta R.T. 0.00 min
Lab File: BE099689.D
Acq: 21 May 2019 14:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.3	6.9	10.3
279	26.2	19.2	28.8





#39
 Benzo(a,h,i)perylene
 Concen: 0.329 ng
 RT: 27.49 min Scan# 3210
 Delta R.T. 0.01 min
 Lab File: BE099689.D
 Acq: 21 May 2019 14:44

Tot Ion:	276	Resp:	20095
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.8	29.6
138	11.7	9.2	13.8

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

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