Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099720.D
Acq On : 22 May 2019 15:07
Operator : JU/SJ
Sample : K2966-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 23 07:58:27 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	1486	0.40	ng		-0.01
7) Naphthalene-d8	10.61	136	5173	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3836	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	11018	0.40	ng		0.00
27) Chrysene-d12	21.41	240	15832	0.40	ng		0.00
34) Perylene-d12	23.96	264	18988	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1403	0.37	ng		0.00
5) Phenol-d6	6.98	99	1951	0.39	ng		0.00
8) Nitrobenzene-d5	8.98	82	1463	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	2768	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	761	0.39	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	4144	0.28	ng		0.00
25) Fluoranthene-d10	19.26	212	41842	0.28	ng		0.00
29) Terphenyl-d14	19.86	244	8659	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	48	0.022	ng	#	34
3) n-Nitrosodimethylamine	3.61	42	30	0.025	ng	#	1
9) Naphthalene	10.67	128	1564	0.028	ng	#	86
16) Acenaphthylene	14.21	152	1593	0.089	ng		96
22) Pentachlorophenol	16.89	266	79	0.221	ng		89
23) Phenanthrene	17.27	178	1143	0.042	ng	#	93
24) Anthracene	17.36	178	1127	0.046	ng		98
26) Fluoranthene	19.29	202	3525	0.083	ng	#	98
28) Pyrene	19.65	202	4352	0.109	ng	#	94
30) Benzo(a)anthracene	21.40	228	3173	0.071	ng	#	49
31) Chrysene	21.45	228	3385	0.070	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.31	149	16917	0.326	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	10077	0.174	ng		98
35) Benzo(b)fluoranthene	23.17	252	8258	0.159	ng	#	71
36) Benzo(k)fluoranthene	23.17	252	8258	0.152	ng	#	70
37) Benzo(a)pyrene	23.84	252	5525	0.110	ng	#	70
38) Dibenzo(a,h)anthracene	26.66	278	2106	0.040	ng	#	47
39) Benzo(g,h,i)perylene	27.48	276	9909	0.187	ng		95

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

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FESB-14(4.5-5)

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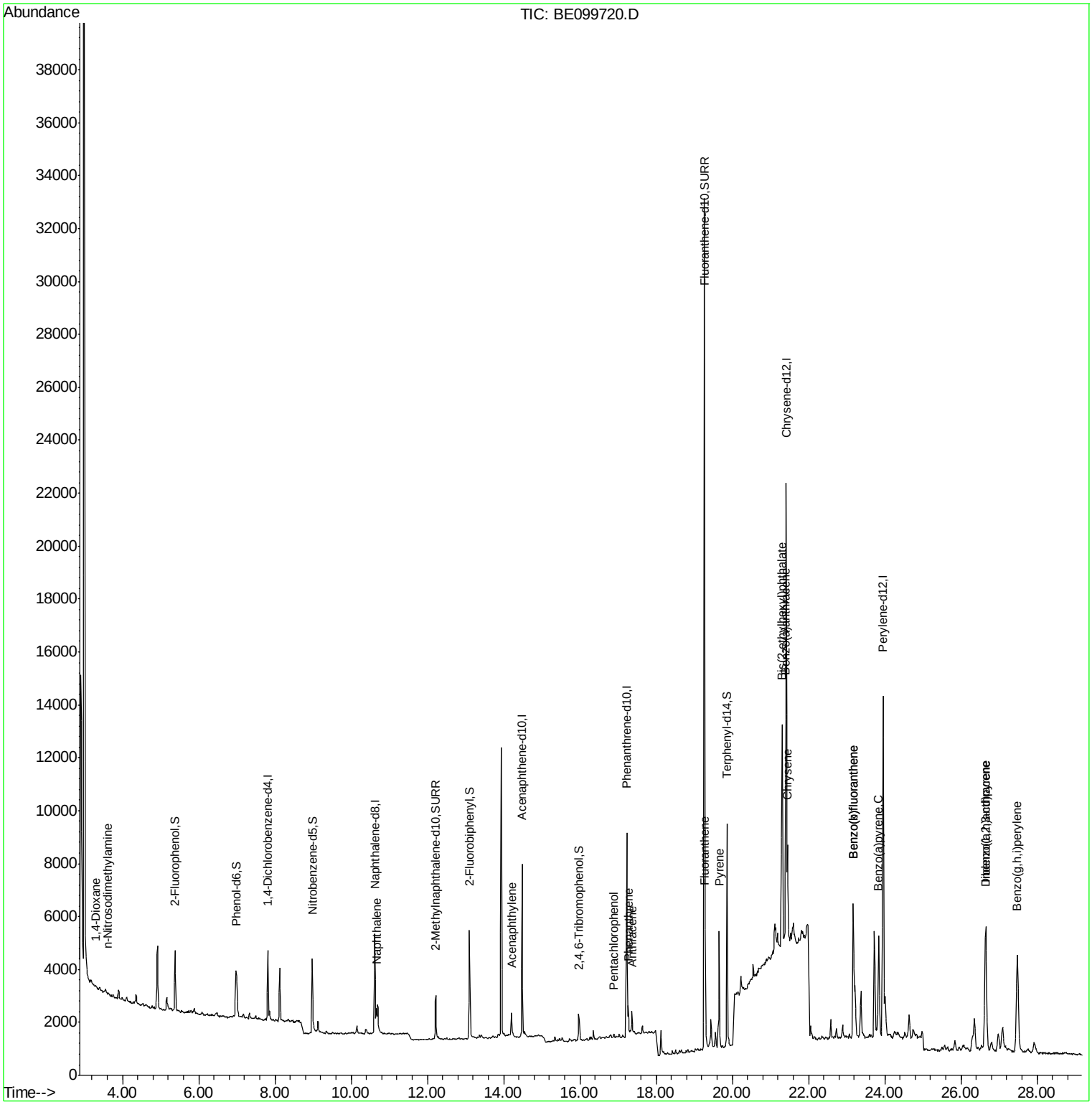
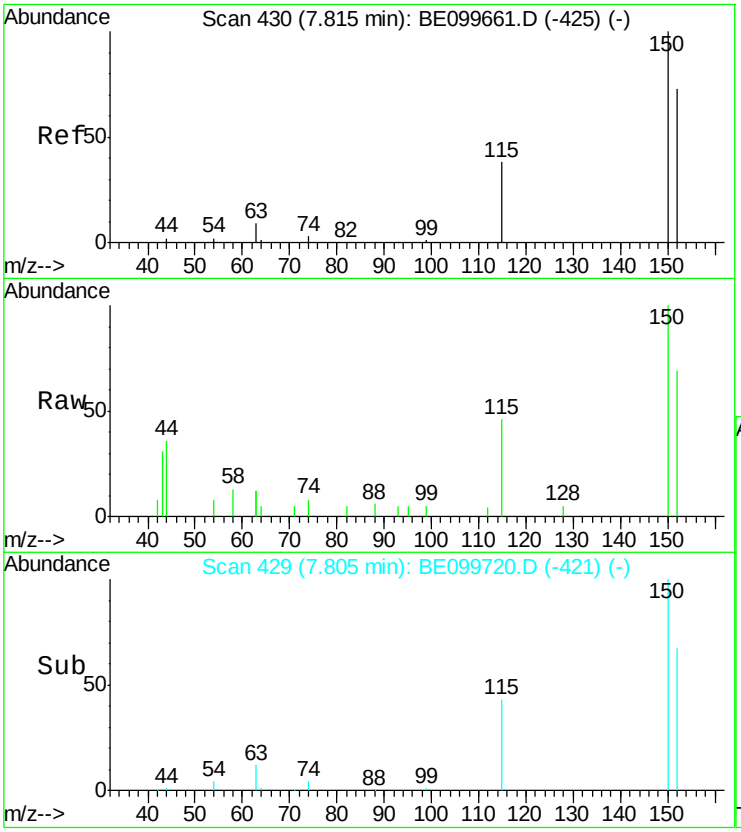


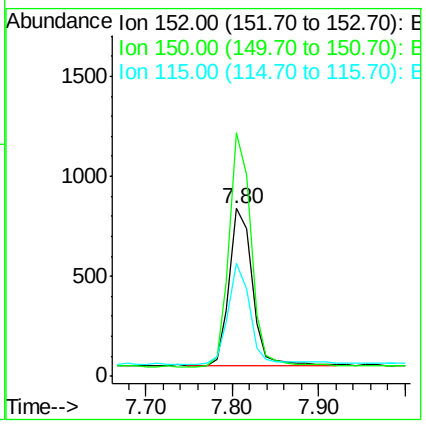


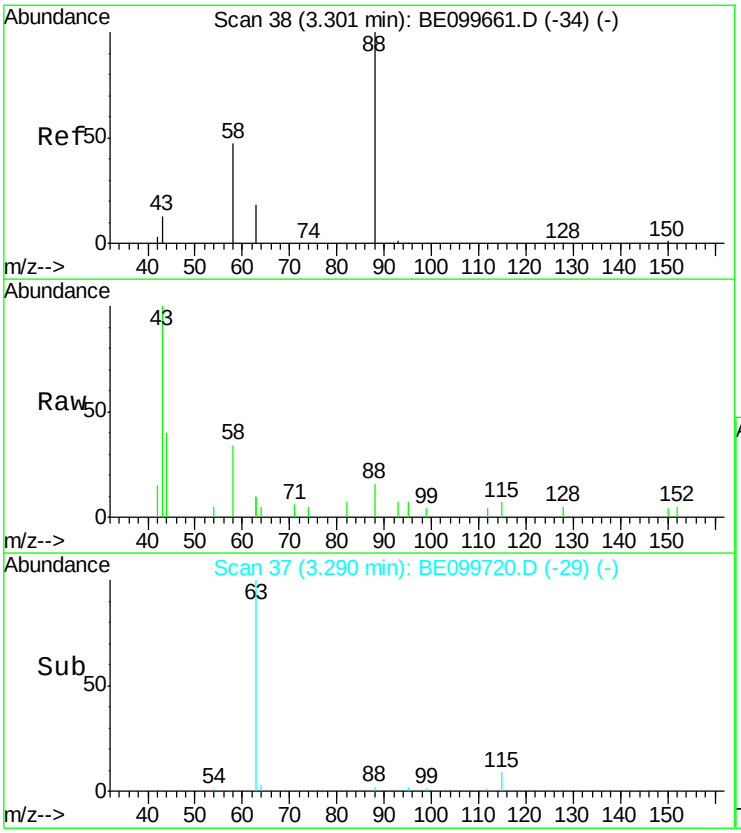
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:152 Resp: 1486

Ion	Ratio	Lower	Upper
152	100		
150	145.2	109.2	163.8
115	67.2	43.7	65.5#

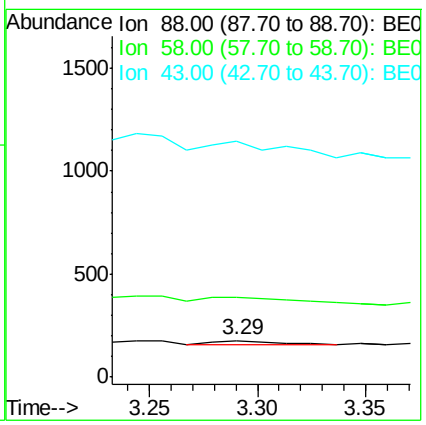


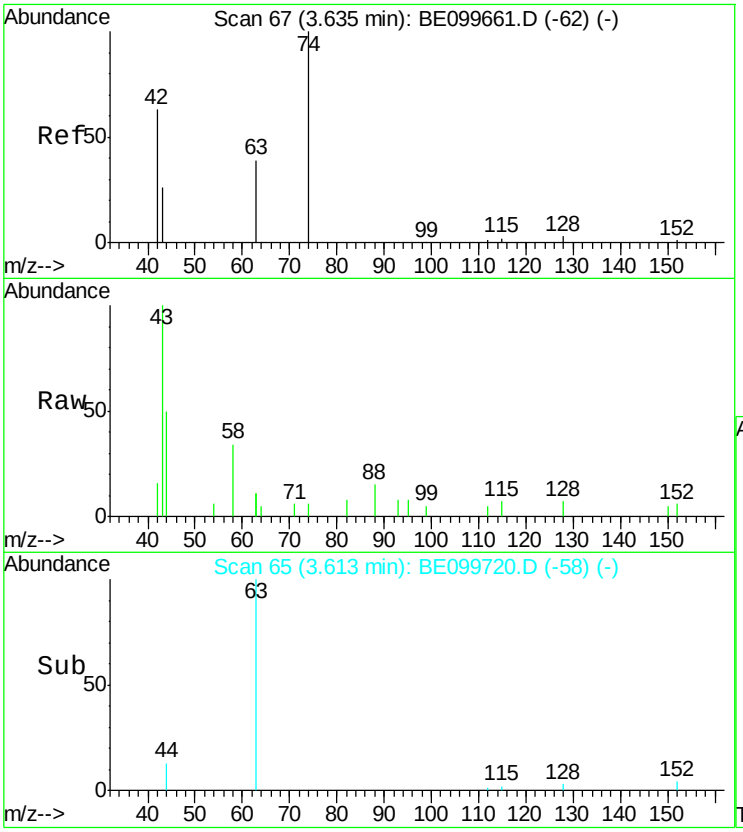


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
58	0.0	41.8	62.8#
43	0.0	15.0	22.4#



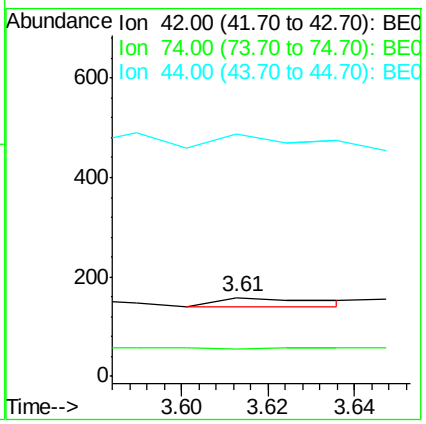


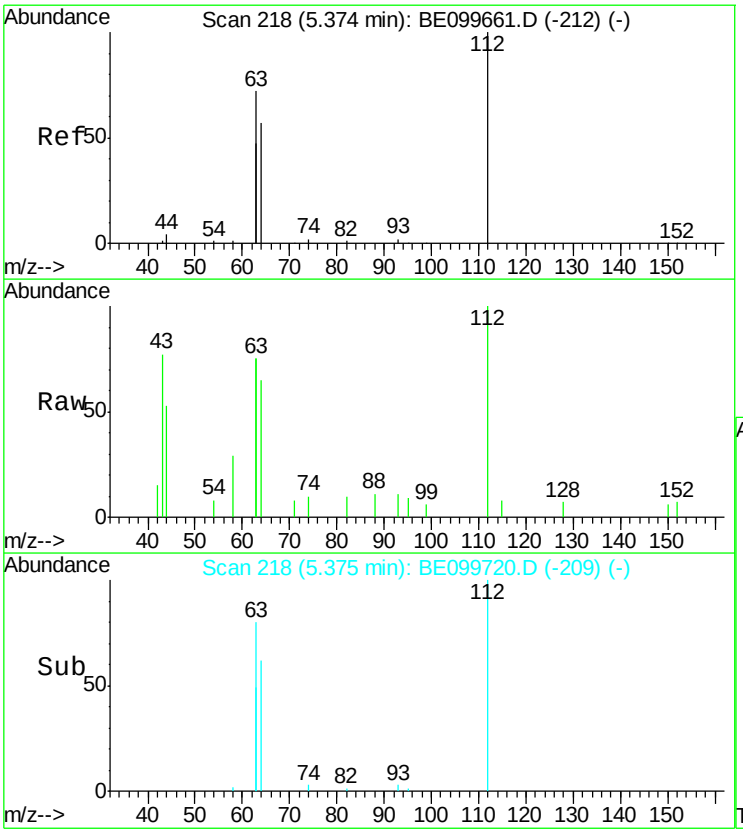
#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion: 42 Resp: 30

Ion	Ratio	Lower	Upper
42	100		
74	0.0	129.2	193.8#
44	0.0	0.0	0.0

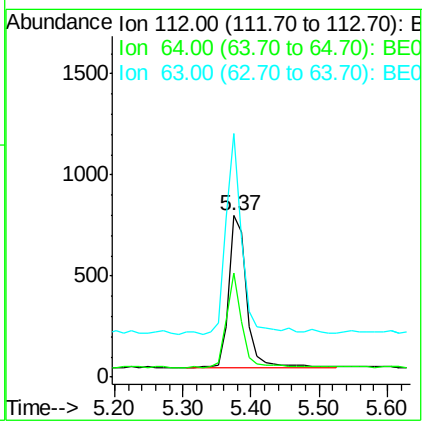


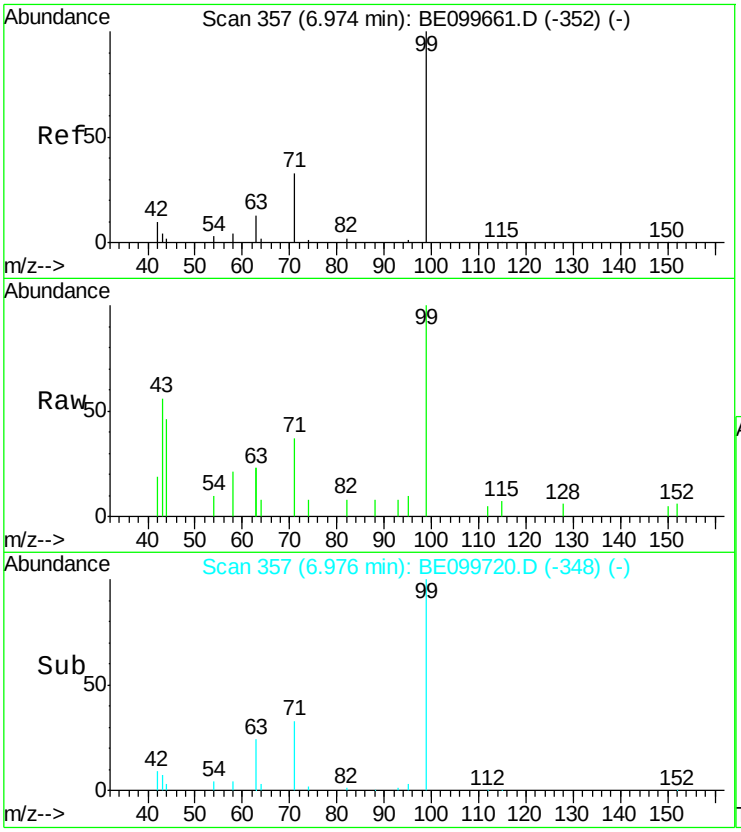


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:112 Resp: 1403

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.4	65.2
63	117.0	96.9	145.3



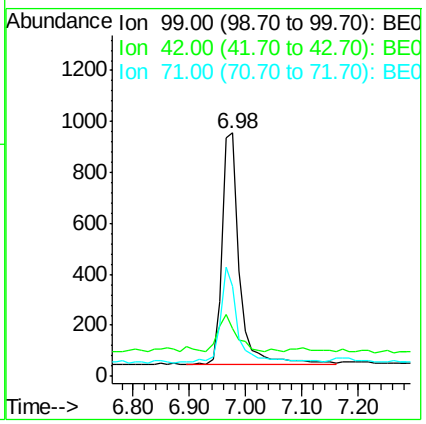


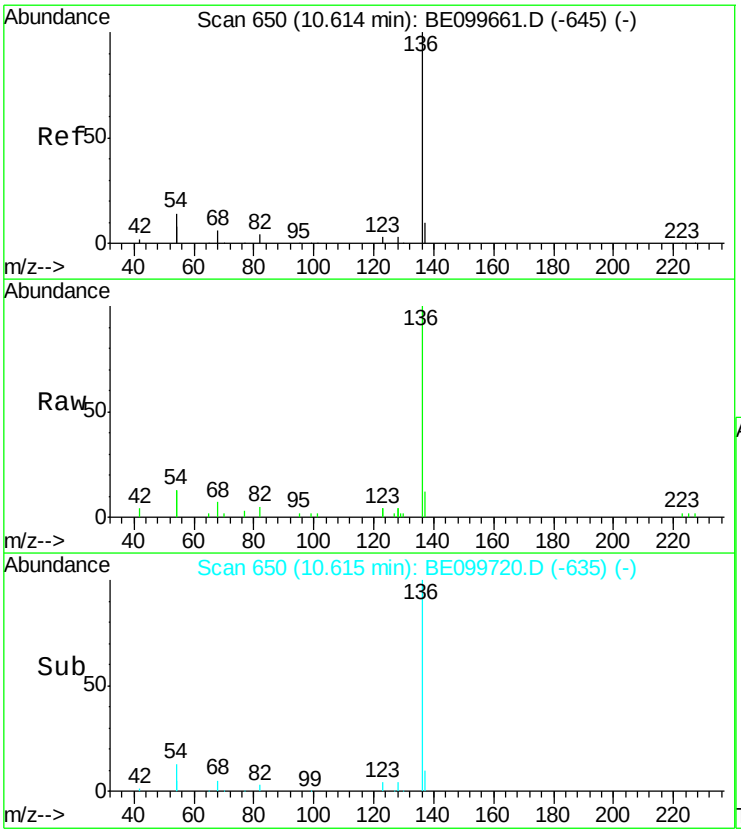
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion: 99 Resp: 1951

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	39.0	28.9	43.3

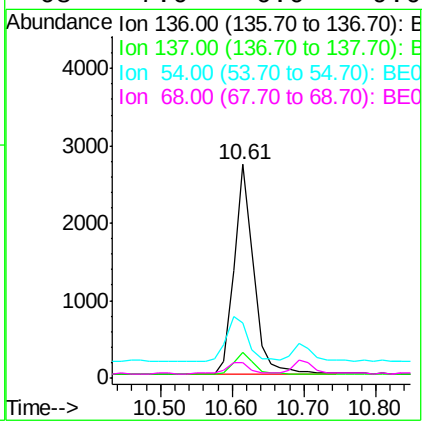


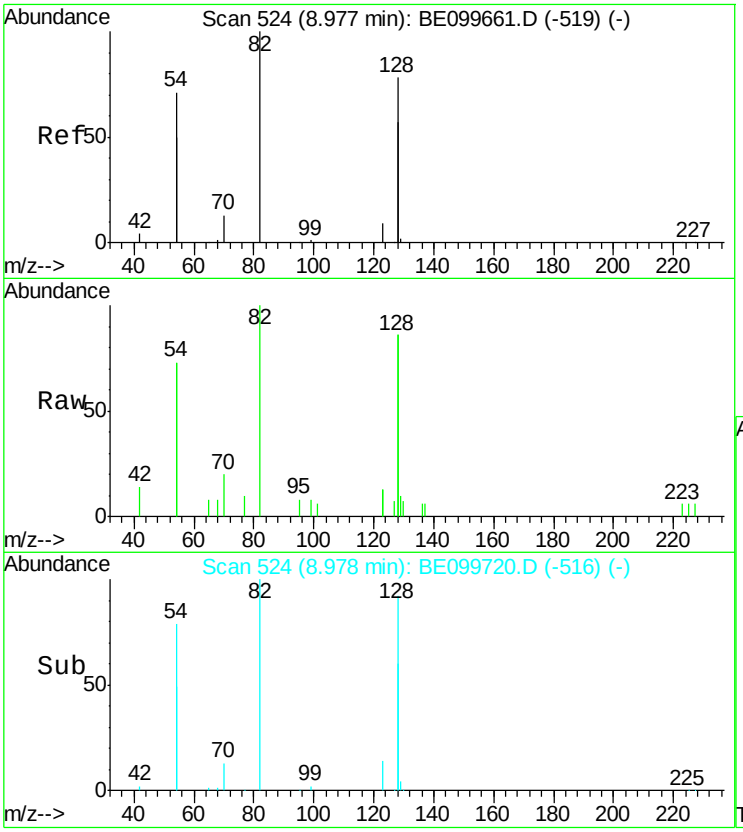


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:136 Resp: 5173

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	26.1	22.3	33.5
68	7.0	6.0	9.0



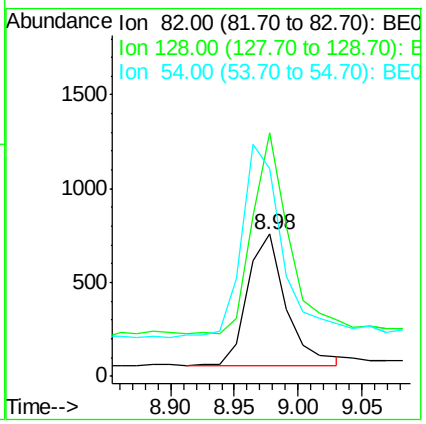


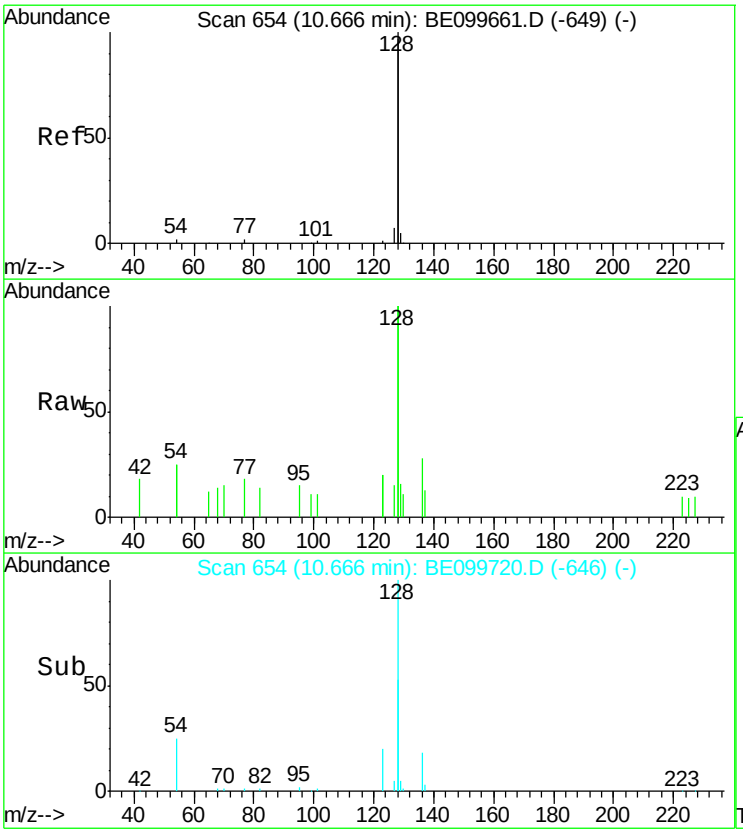
#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion: 82 Resp: 1463

Ion	Ratio	Lower	Upper
82	100		
128	171.0	117.7	176.5
54	145.7	106.6	160.0

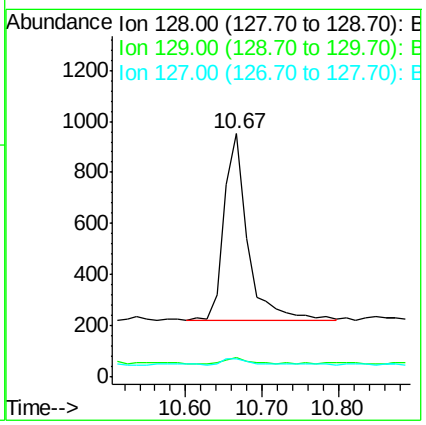


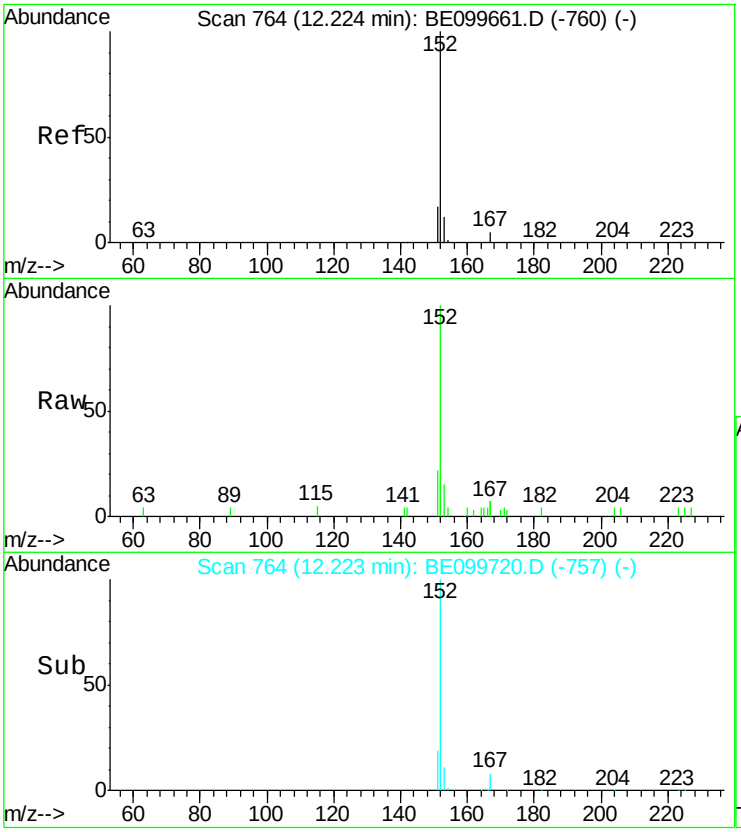


#9
Naphthalene
Concen: 0.028 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:128 Resp: 1564

Ion	Ratio	Lower	Upper
128	100		
129	8.1	2.4	3.6#
127	7.7	2.9	4.3#



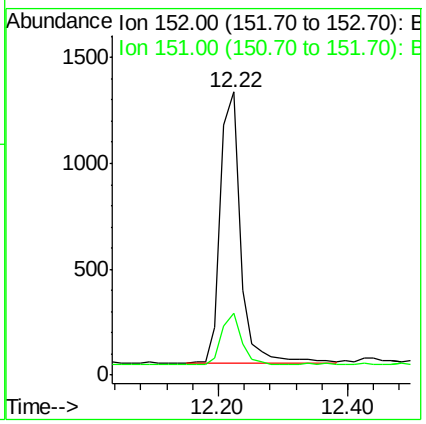


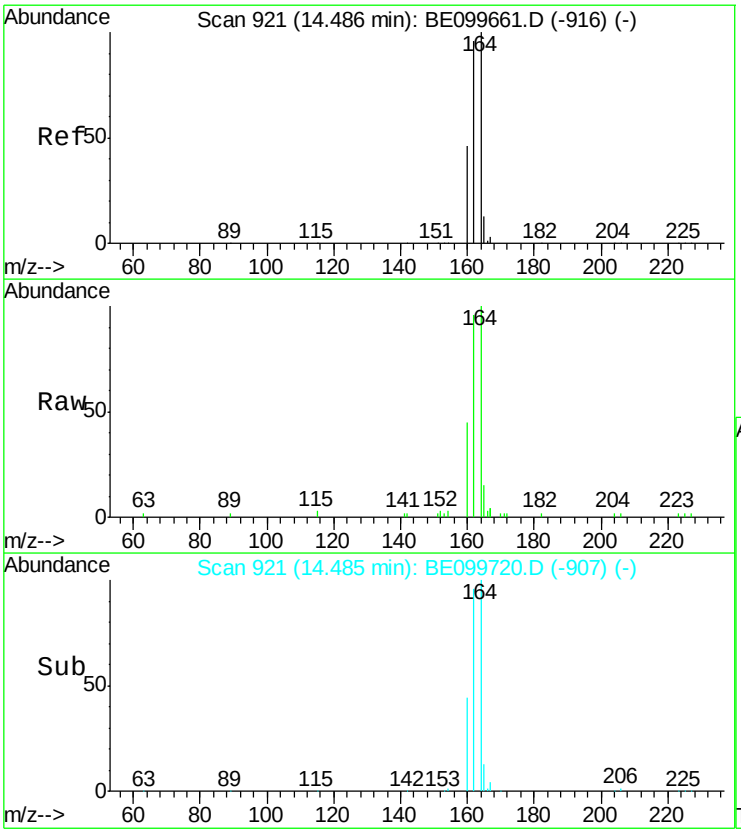
#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:152 Resp: 2768

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.0	22.4

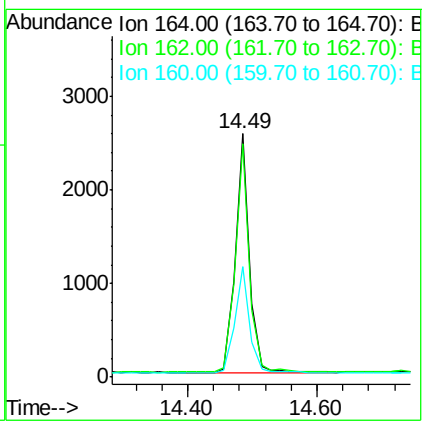


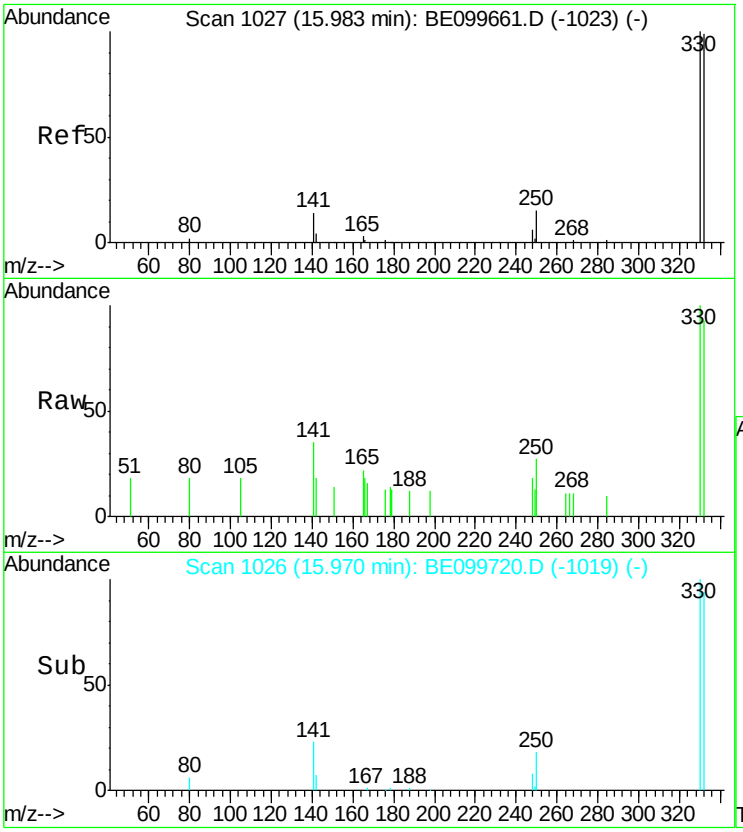


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:164 Resp: 3836

Ion	Ratio	Lower	Upper
164	100		
162	96.1	76.5	114.7
160	45.1	37.4	56.2



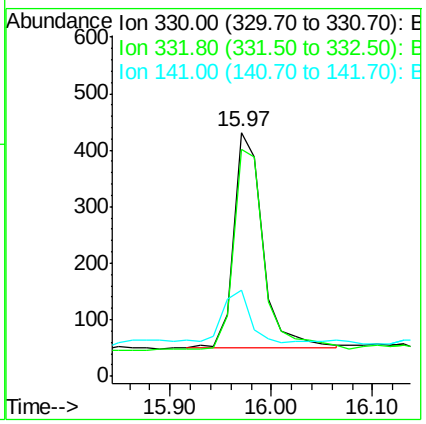


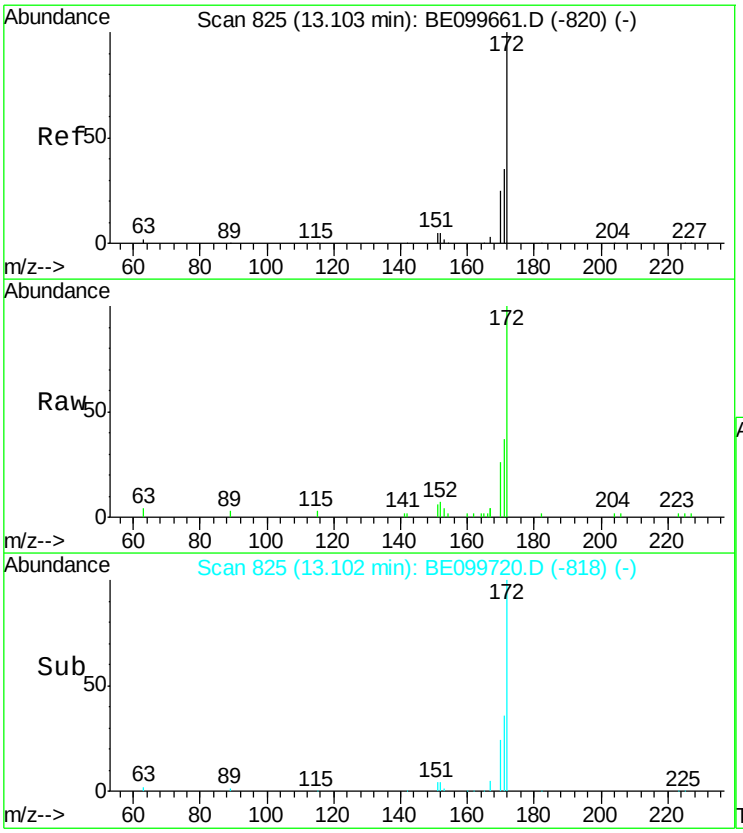
#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:330 Resp: 761

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	21.7	18.9	28.3

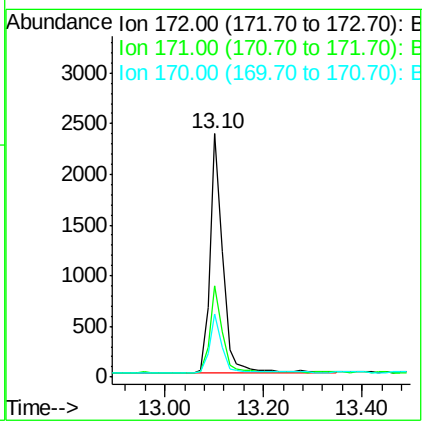


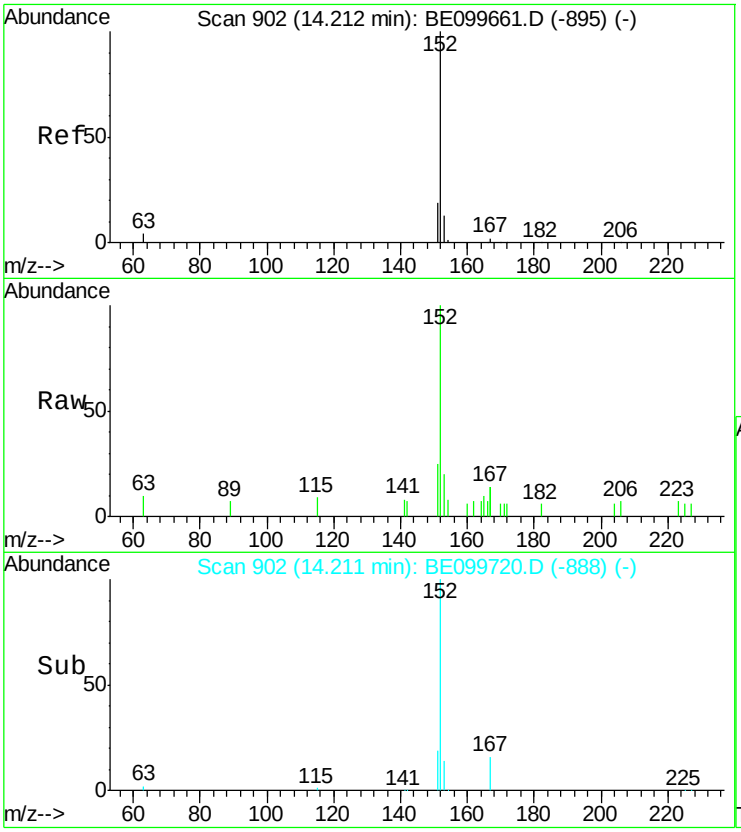


#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:172 Resp: 4144

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	25.9	20.9	31.3



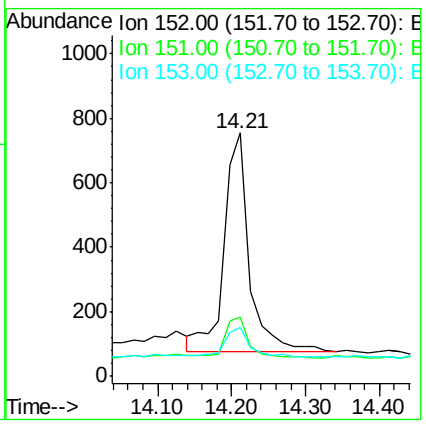


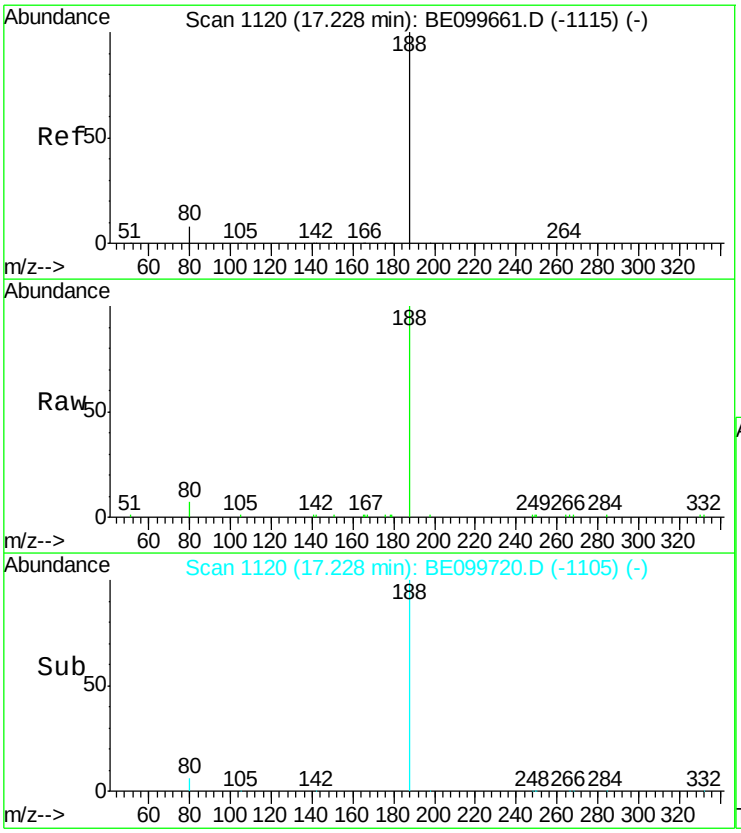
#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:152 Resp: 1593

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.9	23.9
153	14.4	10.6	16.0

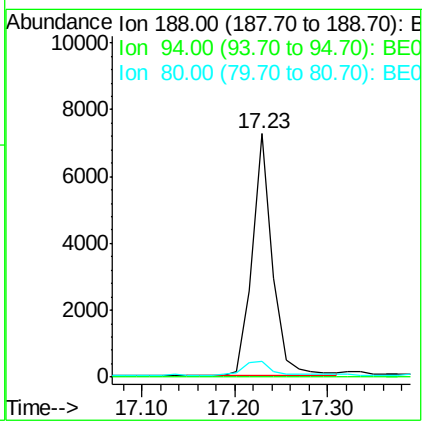


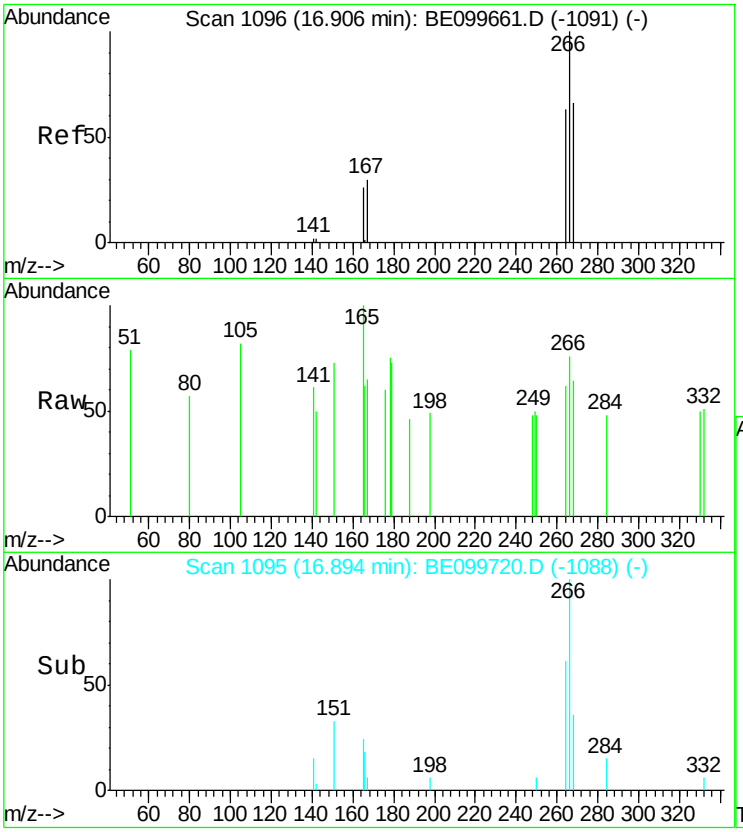


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:188 Resp: 11018

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.7	10.1#



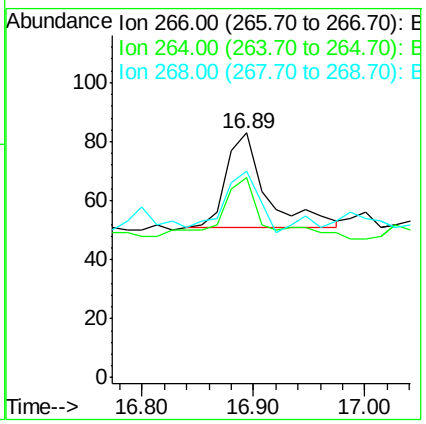


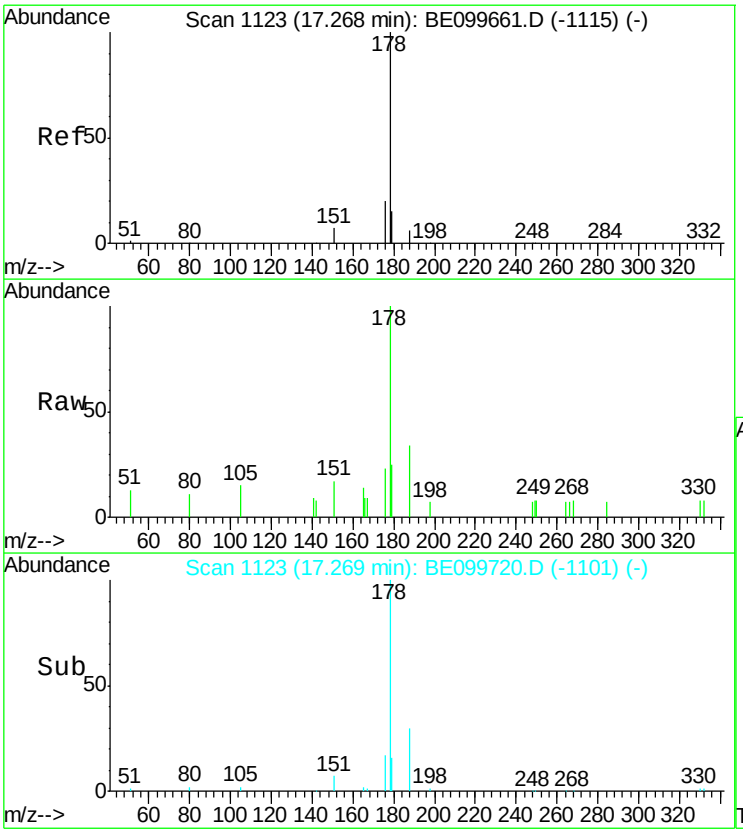
#22
Pentachlorophenol
Concen: 0.221 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
264	81.9	57.2	85.8
268	84.3	60.5	90.7

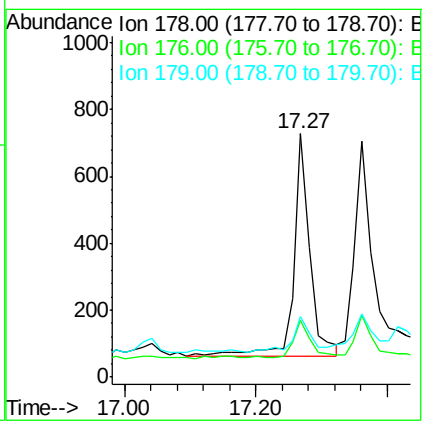


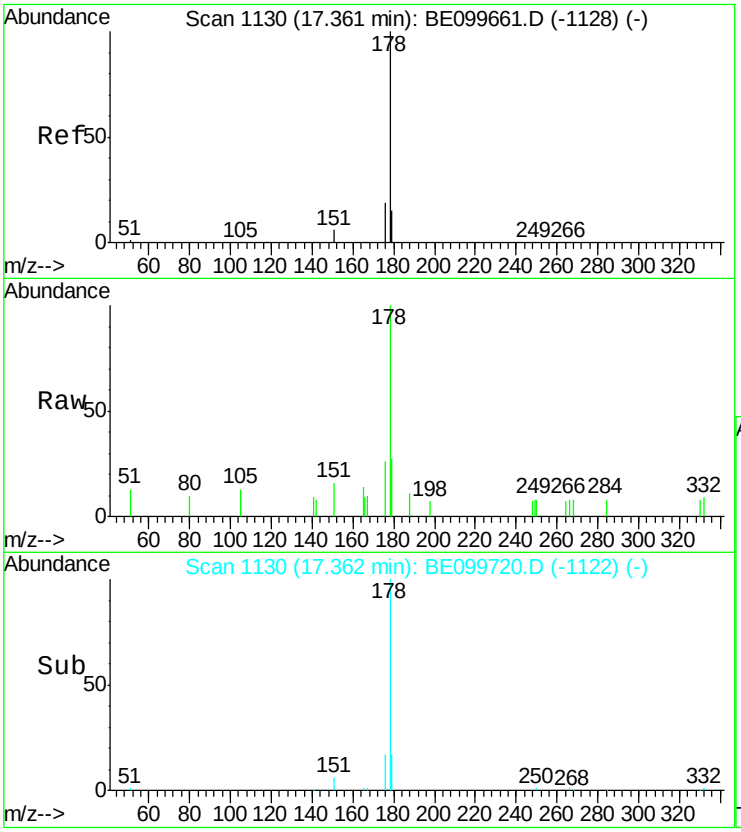


#23
Phenanthrene
Concen: 0.042 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:178 Resp: 1143

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.6	23.4
179	19.0	12.2	18.4#



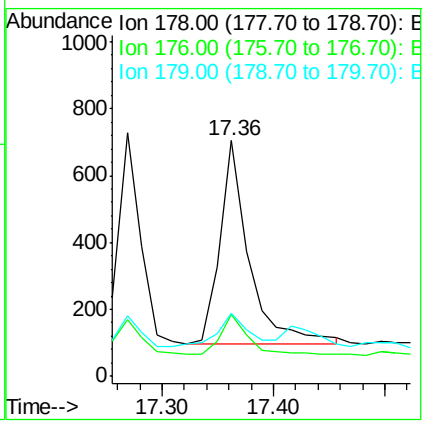


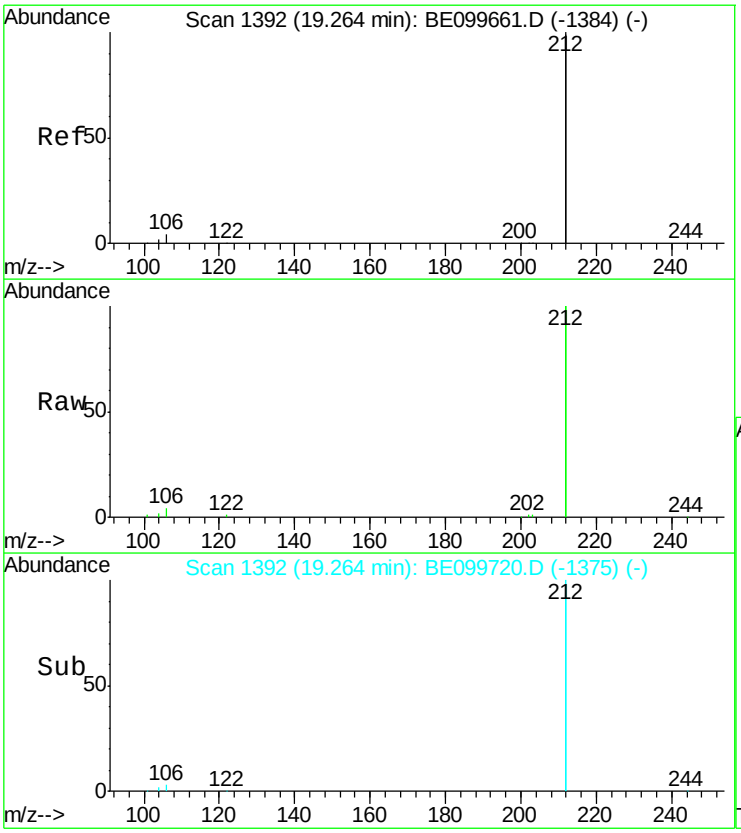
#24
Anthracene
Concen: 0.046 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:178 Resp: 1127

Ion	Ratio	Lower	Upper
178	100		
176	16.5	14.7	22.1
179	15.0	12.0	18.0

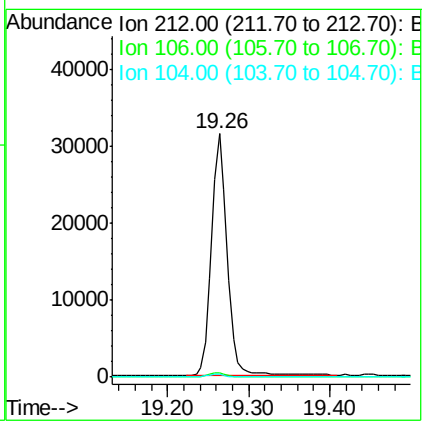


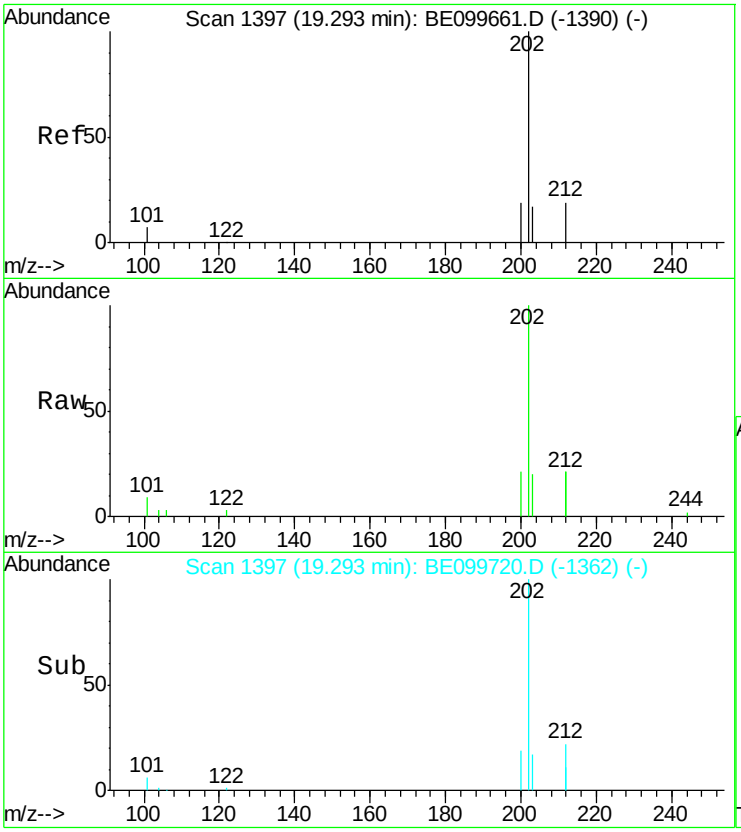


#25
Fluoranthene-d10
Concen: 0.278 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:212 Resp: 41842

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2



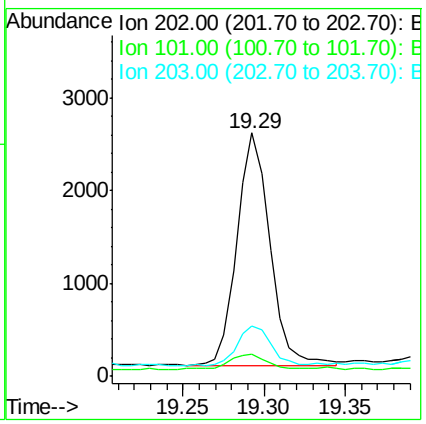


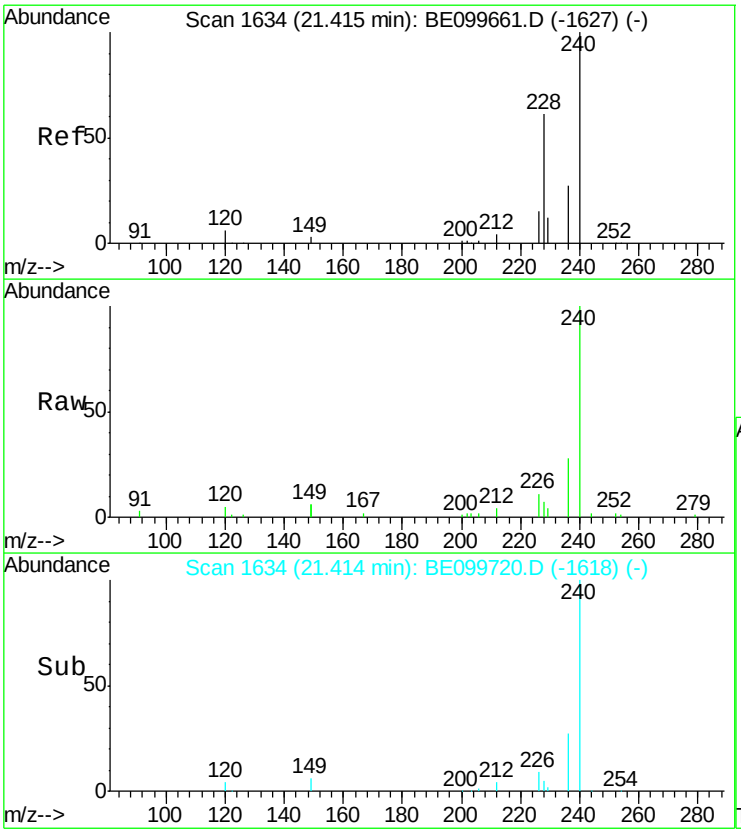
#26
Fluoranthene
Concen: 0.083 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:202 Resp: 3525

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.2	7.8#
203	18.0	13.8	20.6

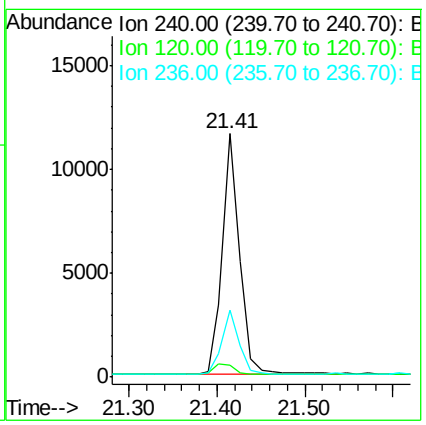


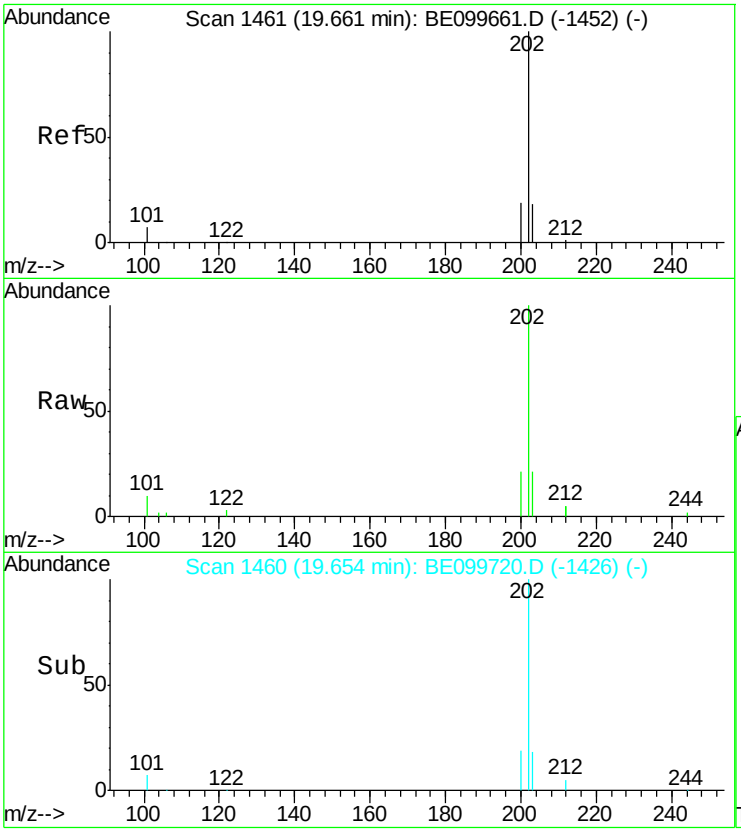


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:240 Resp: 15832

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.4	8.0#
236	27.7	21.7	32.5



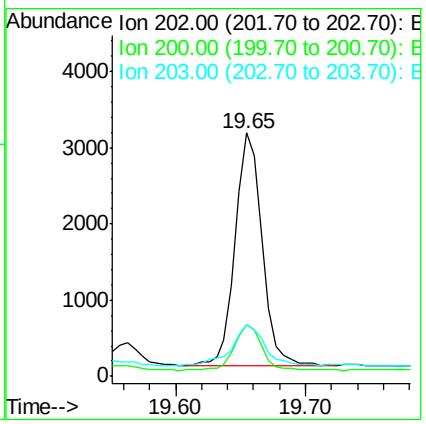


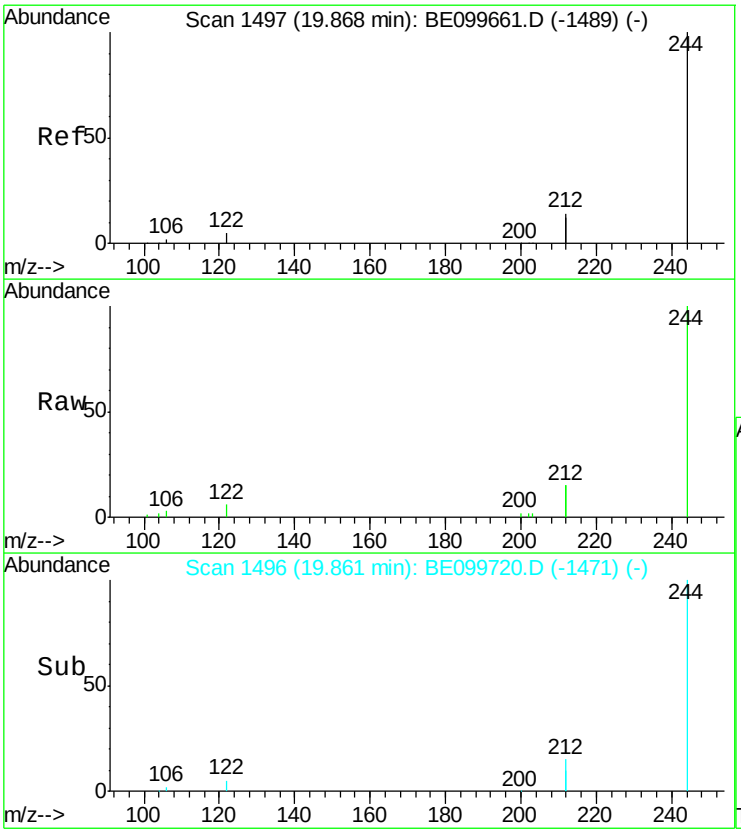
#28
Pyrene
Concen: 0.109 ng
RT: 19.65 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:202 Resp: 4352

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.4	23.2
203	21.7	13.8	20.8#

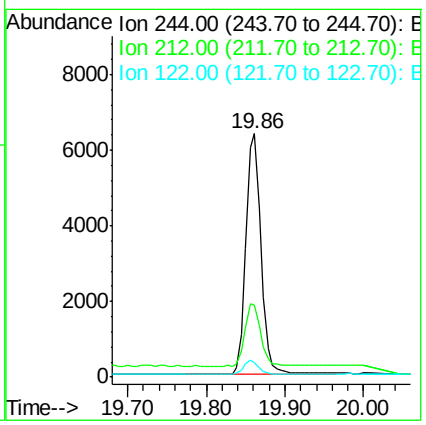


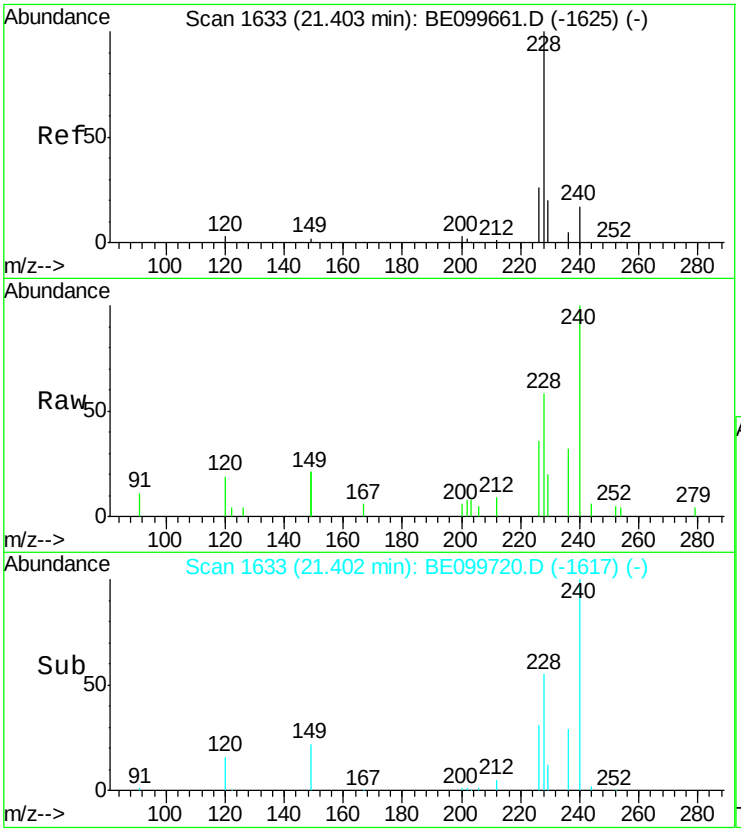


#29
Terphenyl-d14
Concen: 0.306 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:244 Resp: 8659

Ion	Ratio	Lower	Upper
244	100		
212	29.8	22.5	33.7
122	5.8	4.3	6.5



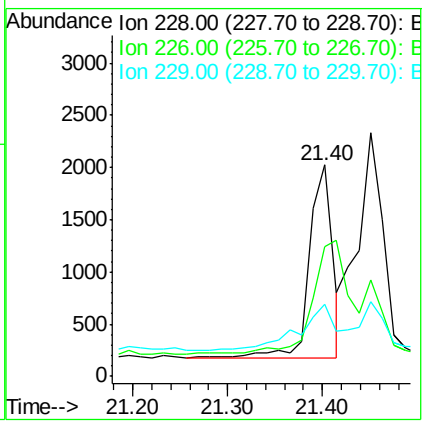


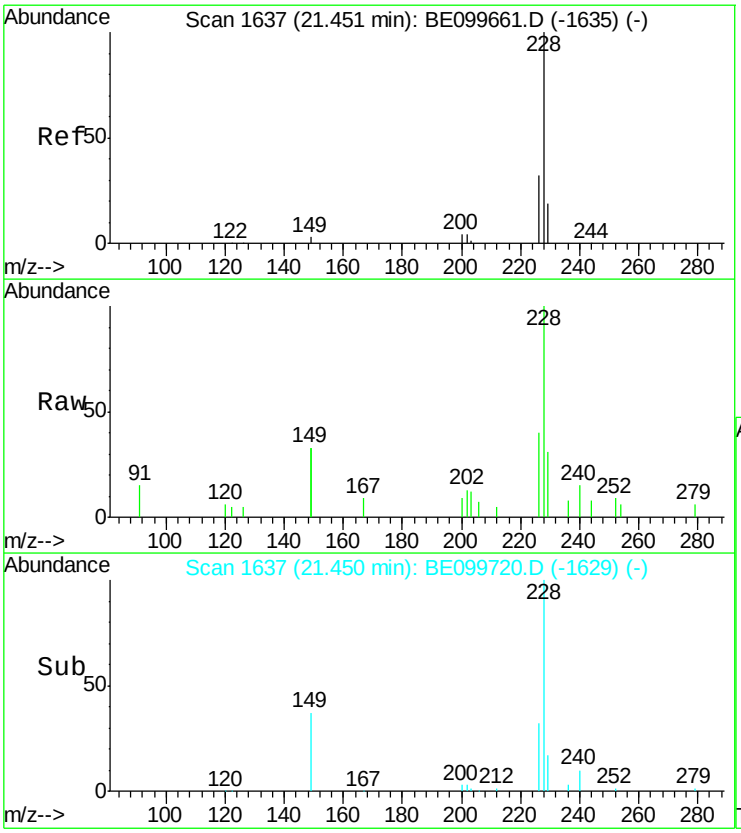
#30
Benzo(a)anthracene
Concen: 0.071 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:228 Resp: 3173

Ion	Ratio	Lower	Upper
228	100		
226	61.4	21.3	31.9#
229	33.9	16.1	24.1#

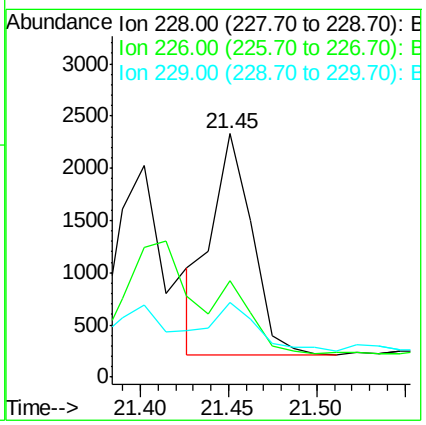


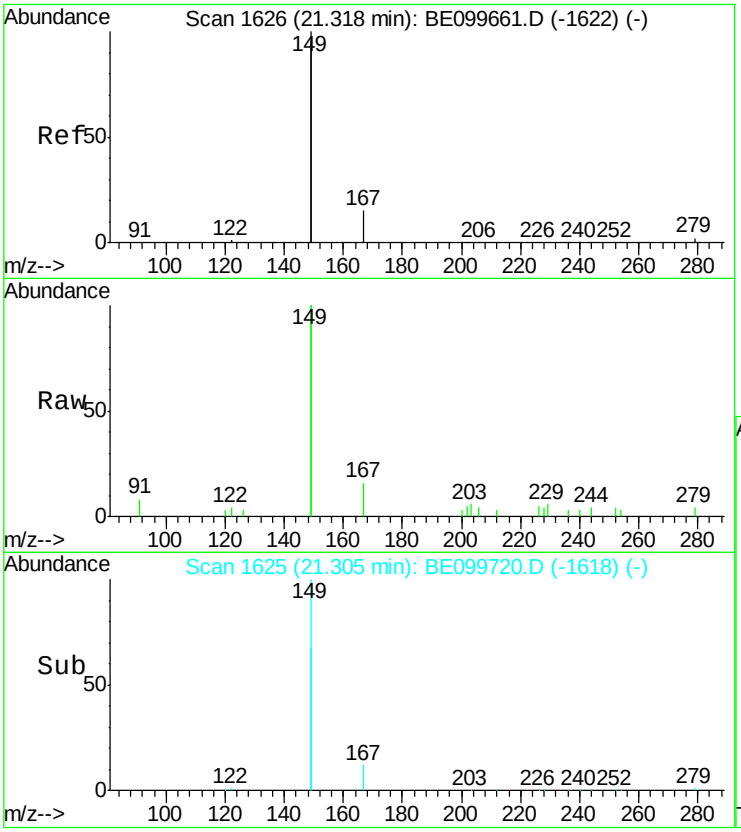


#31
Chrysene
Concen: 0.070 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:228 Resp: 3385

Ion	Ratio	Lower	Upper
228	100		
226	39.8	24.7	37.1#
229	30.6	15.8	23.6#



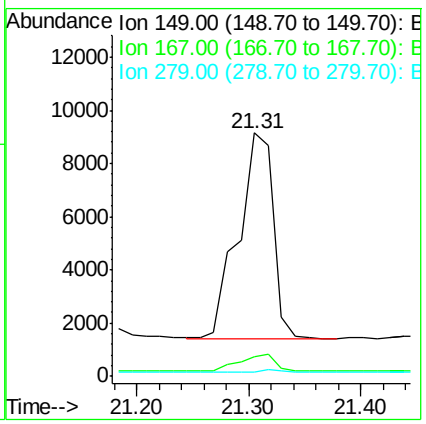


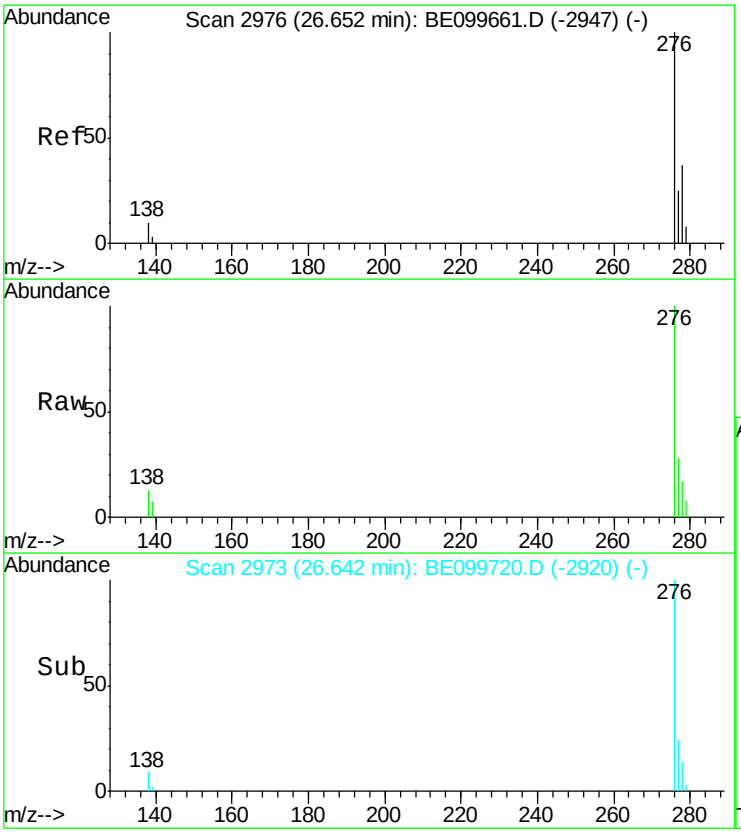
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.326 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:149 Resp: 16917

Ion	Ratio	Lower	Upper
149	100		
167	8.0	6.2	9.4
279	1.5	1.2	1.8

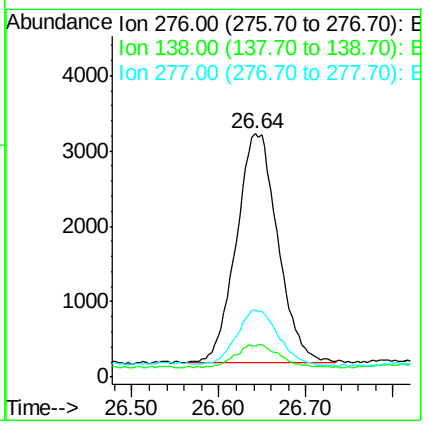


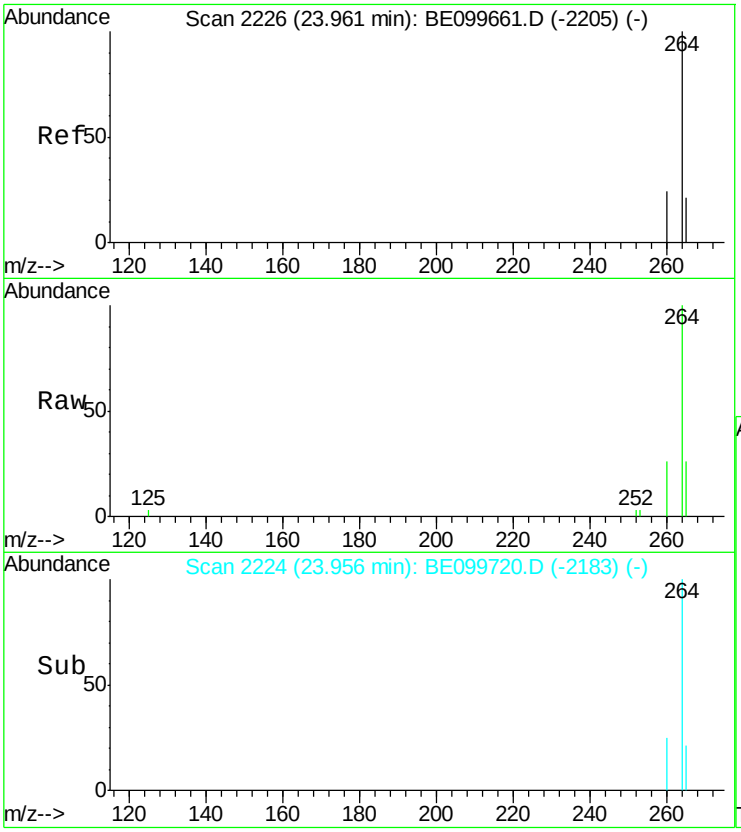


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng
RT: 26.64 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:276 Resp: 10077

Ion	Ratio	Lower	Upper
276	100		
138	10.5	9.6	14.4
277	24.6	19.2	28.8



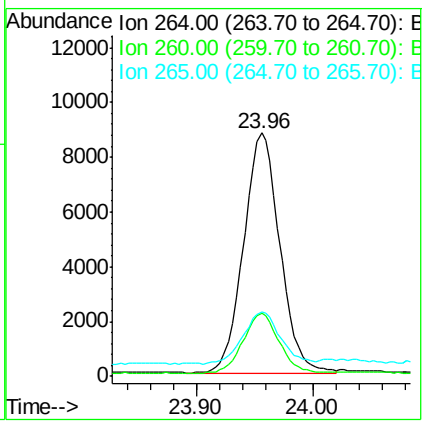


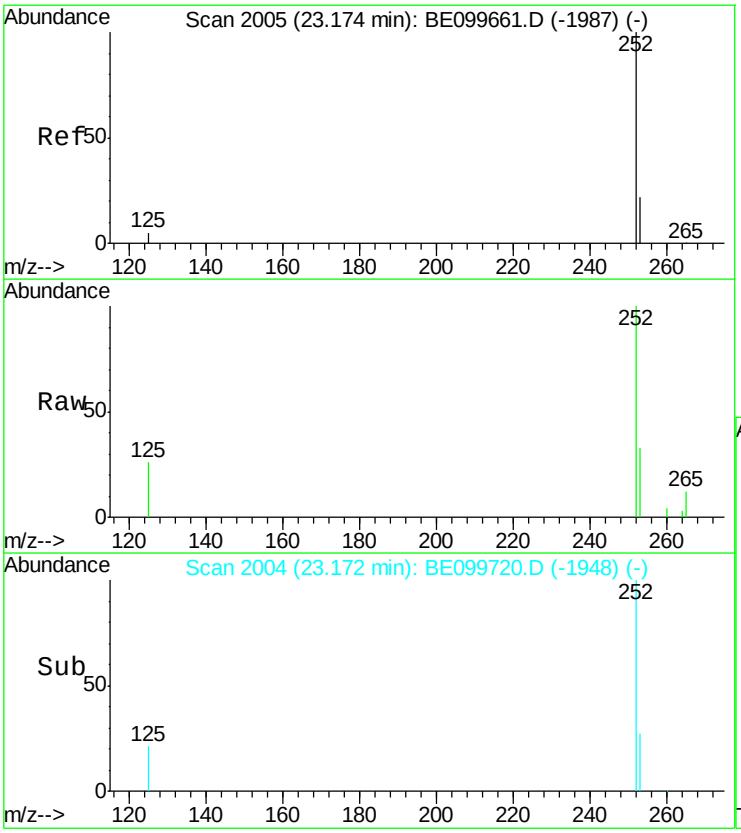
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:264 Resp: 18988

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.6	29.4
265	26.4	19.1	28.7

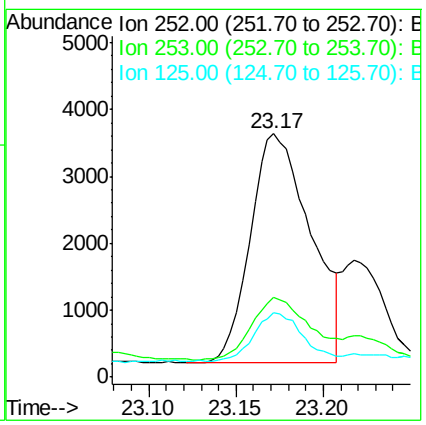


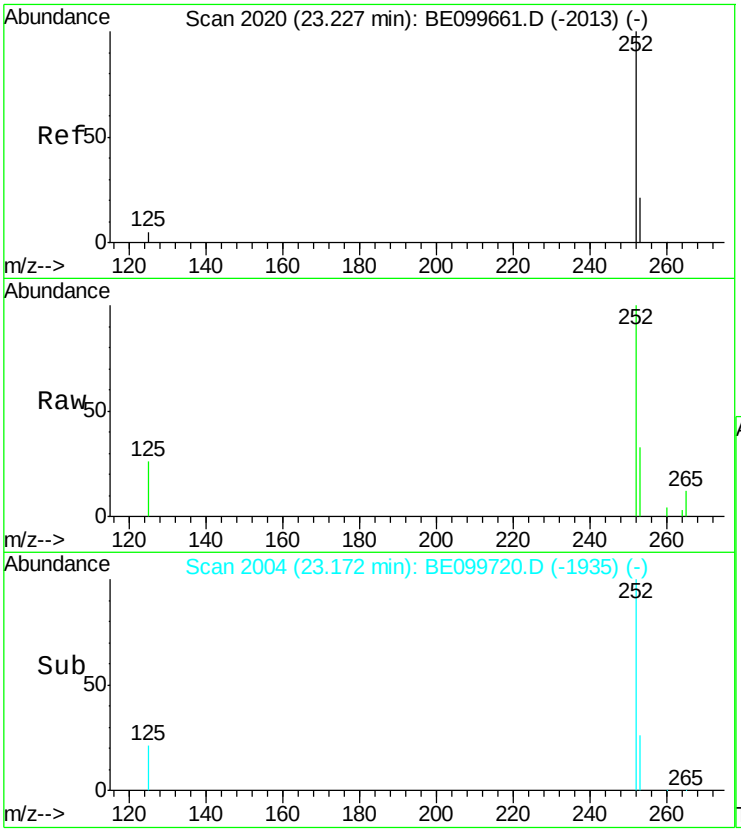


#35
Benzo(b)fluoranthene
Concen: 0.159 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:252 Resp: 8258

Ion	Ratio	Lower	Upper
252	100		
253	32.8	18.2	27.4#
125	26.3	4.5	6.7#



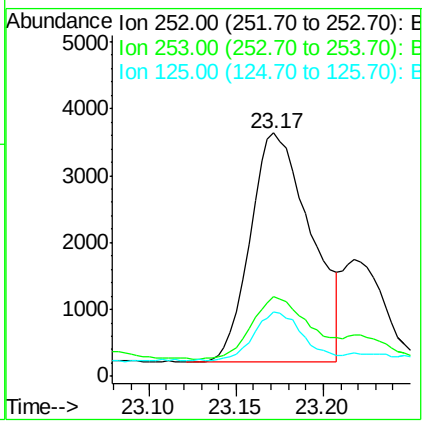


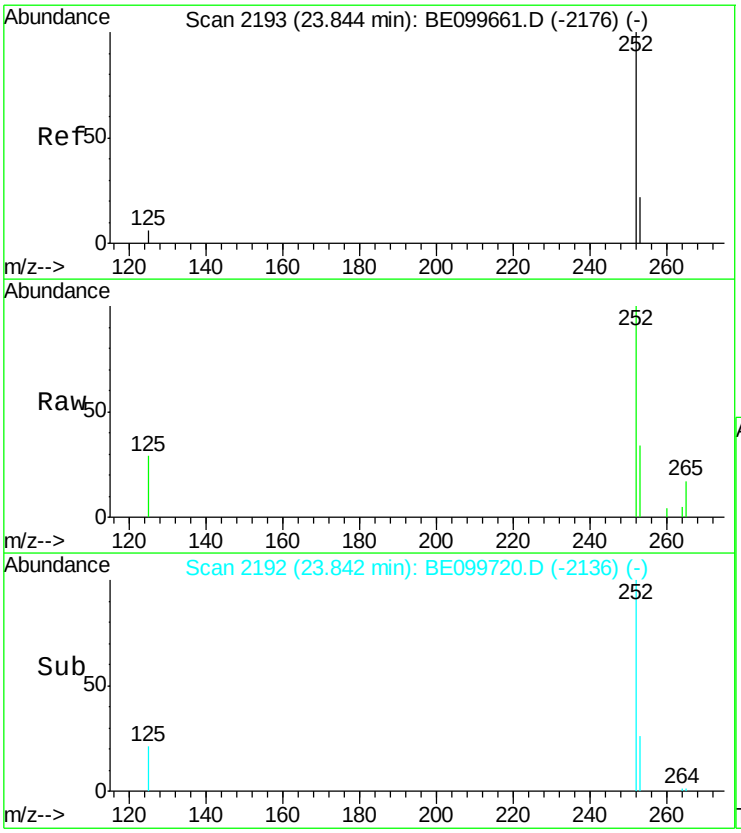
#36
Benzo(k)fluoranthene
Concen: 0.152 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.06 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:252 Resp: 8258

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.8	26.8#
125	26.3	4.6	6.8#

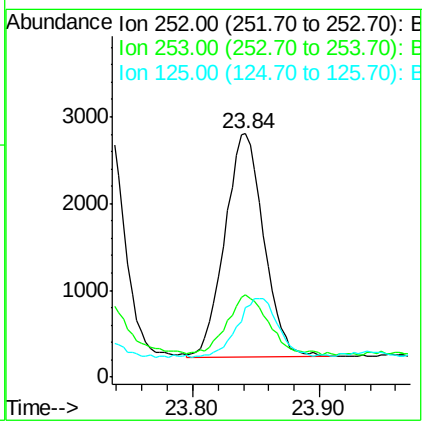


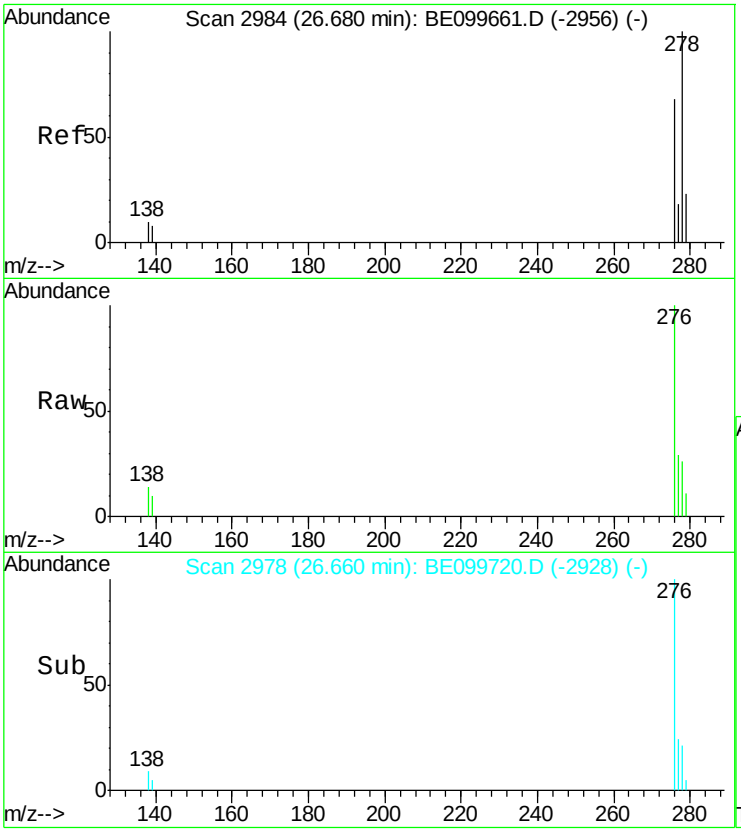


#37
Benzo(a)pyrene
Concen: 0.110 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:252 Resp: 5525

Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.9	28.3#
125	28.7	5.4	8.0#



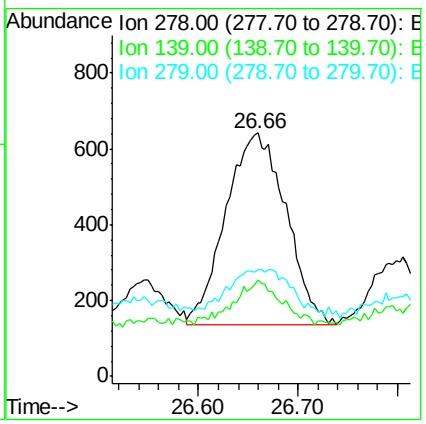


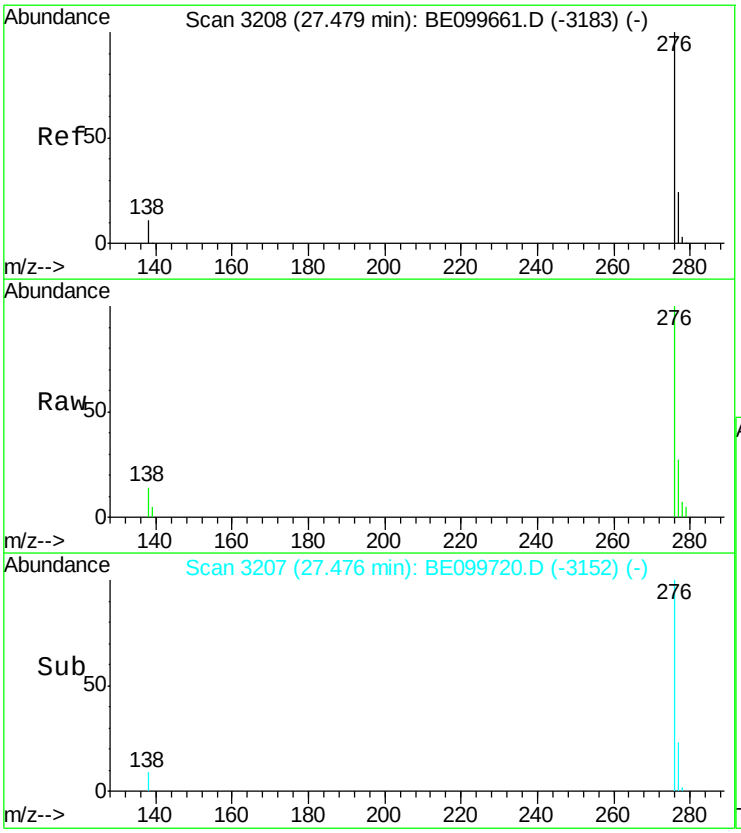
#38
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 26.66 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

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

Tgt Ion:278 Resp: 2106

Ion	Ratio	Lower	Upper
278	100		
139	39.7	6.9	10.3#
279	44.1	19.2	28.8#





#39
Benzo(g,h,i)perylene
Concen: 0.187 ng
RT: 27.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE099720.D
Acq: 22 May 2019 15:07

Tgt Ion:276 Resp: 9909

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.8	29.6
138	13.6	9.2	13.8