Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099725.D
Acq On : 22 May 2019 18:09
Operator : JU/SJ
Sample : K2966-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-17(1.9-2.4)

Quant Time: May 23 07:59:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1563	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5223	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3875	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11112	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16122	0.40	ng	0.00
34) Perylene-d12	23.95	264	19146	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1227	0.31	ng	0.00
5) Phenol-d6	6.97	99	1790	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	1444	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2569	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	725	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3723	0.25	ng	0.00
25) Fluoranthene-d10	19.26	212	35663	0.23	ng	0.00
29) Terphenyl-d14	19.86	244	6632	0.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	104	0.045	ng	# 1
22) Pentachlorophenol	16.95	266	9	0.185	ng	# 74
23) Phenanthrene	17.27	178	772	0.028	ng	# 87
26) Fluoranthene	19.29	202	1969	0.046	ng	# 96
28) Pyrene	19.66	202	1947	0.048	ng	# 94
30) Benzo(a)anthracene	21.40	228	1106	0.024	ng	# 56
31) Chrysene	21.45	228	1156	0.024	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.31	149	15256	0.289	ng	100
35) Benzo(b)fluoranthene	23.17	252	1686	0.032	ng	# 41
36) Benzo(k)fluoranthene	23.17	252	1686	0.031	ng	# 40
37) Benzo(a)pyrene	23.84	252	1229	0.024	ng	# 34

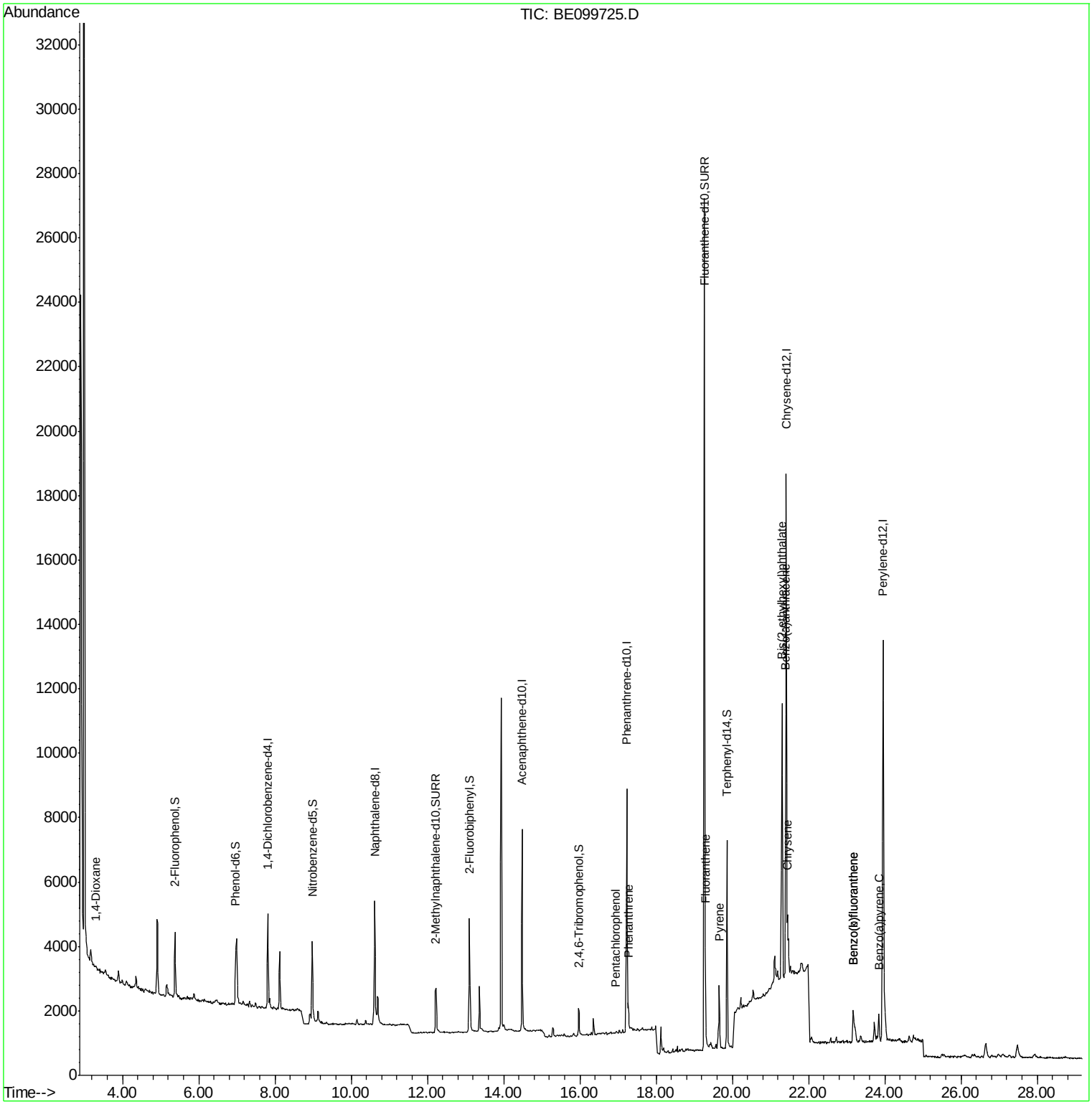
(#) = qualifier out of range (m) = manual integration (+) = signals summed

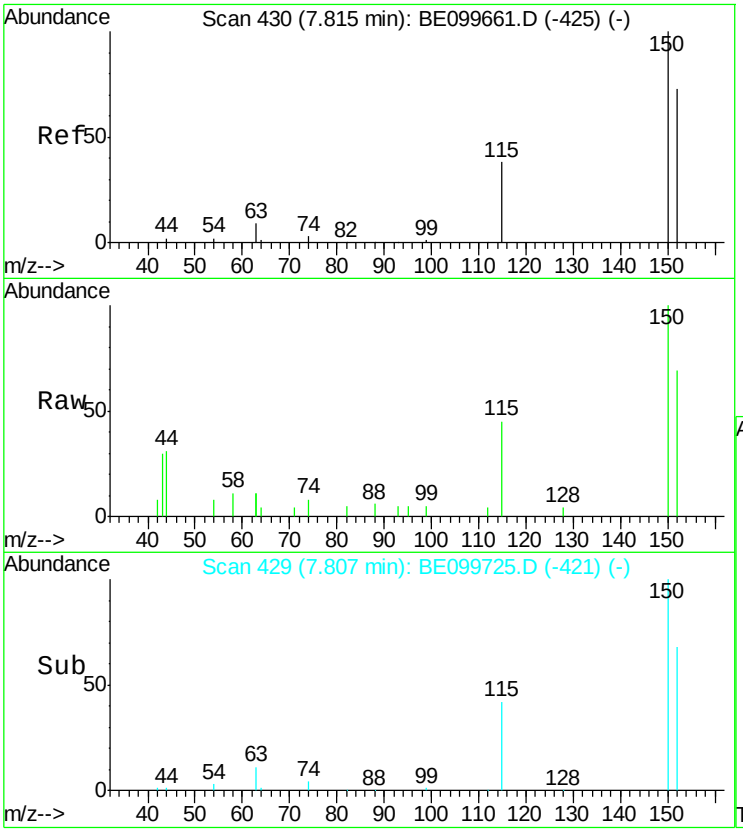
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099725.D
Acq On : 22 May 2019 18:09
Operator : JU/SJ
Sample : K2966-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Quant Time: May 23 07:59:50 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



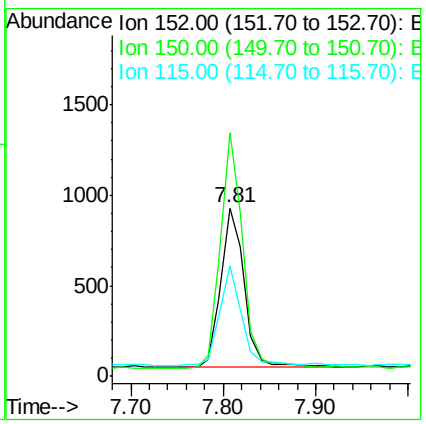


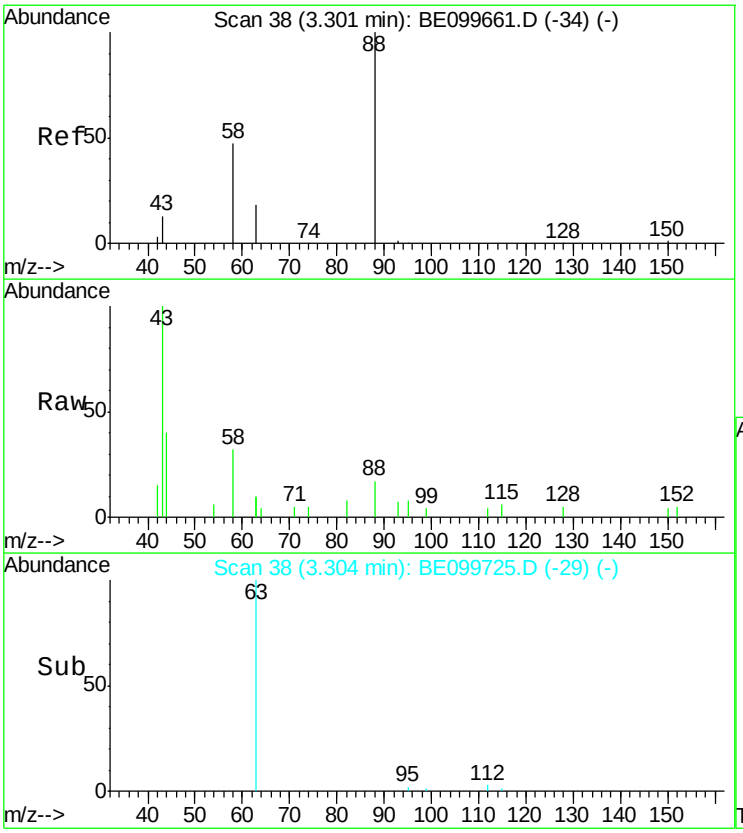
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:152 Resp: 1563

Ion	Ratio	Lower	Upper
152	100		
150	144.4	109.2	163.8
115	65.3	43.7	65.5

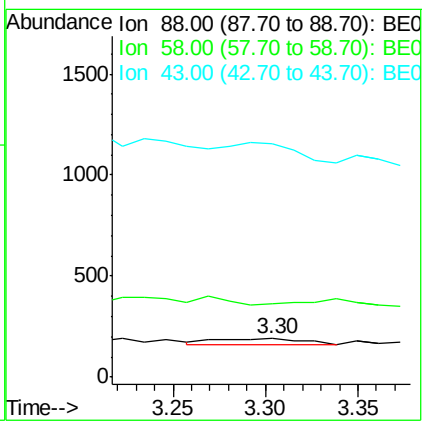


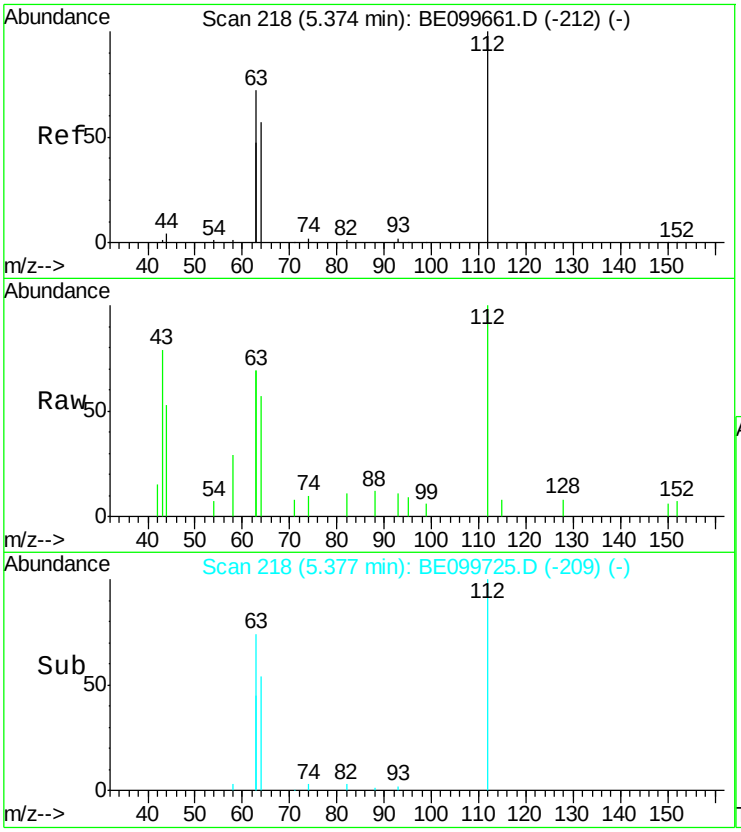


#2
1,4-Dioxane
Concen: 0.045 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion: 88 Resp: 104

Ion	Ratio	Lower	Upper
88	100		
58	0.0	41.8	62.8#
43	240.4	15.0	22.4#



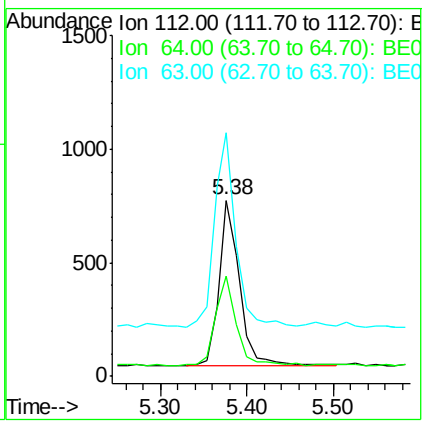


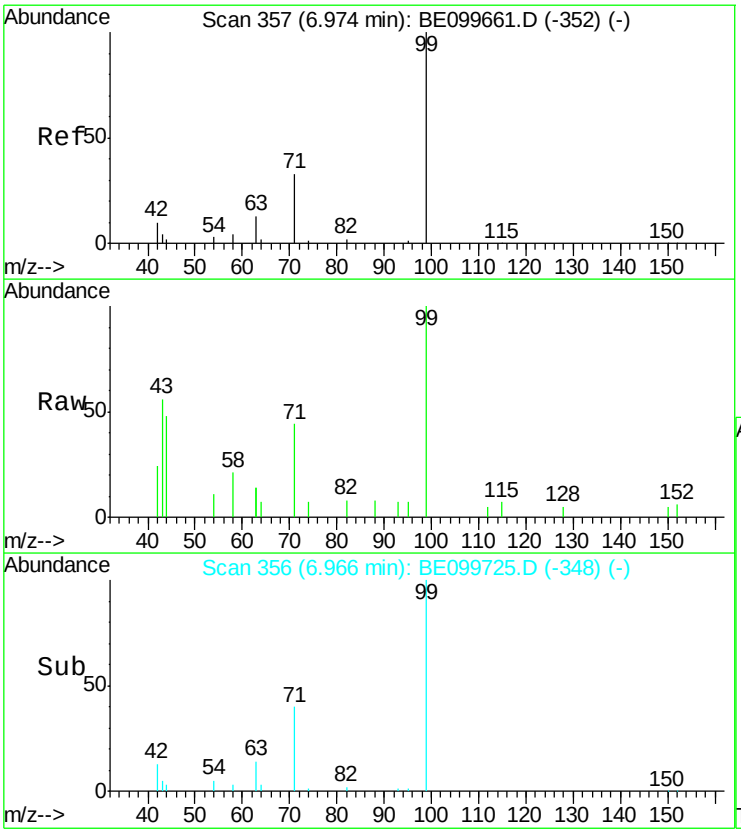
#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:112 Resp: 1227

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.4	65.2
63	120.0	96.9	145.3

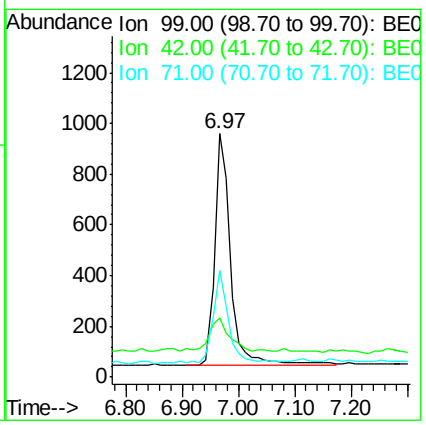


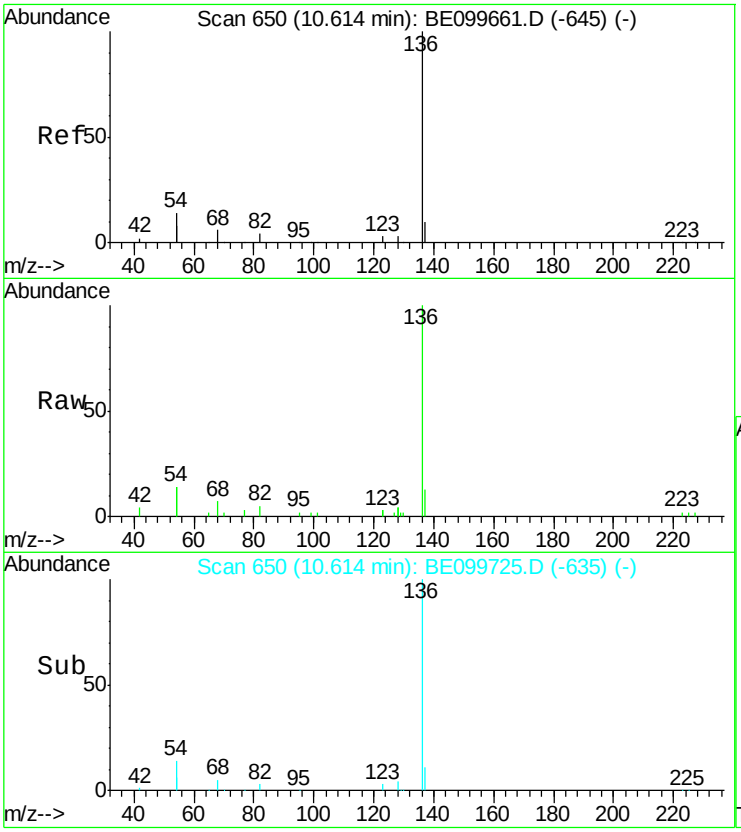


#5
Phenol-d6
Concen: 0.342 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion: 99 Resp: 1790

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	36.6	28.9	43.3



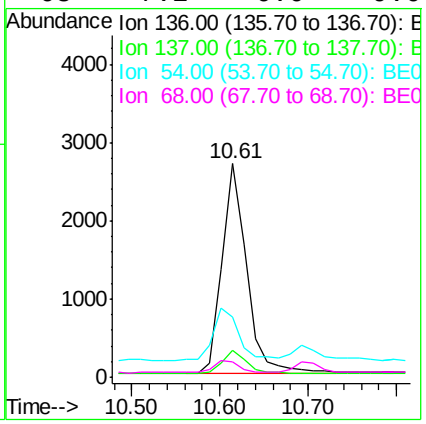


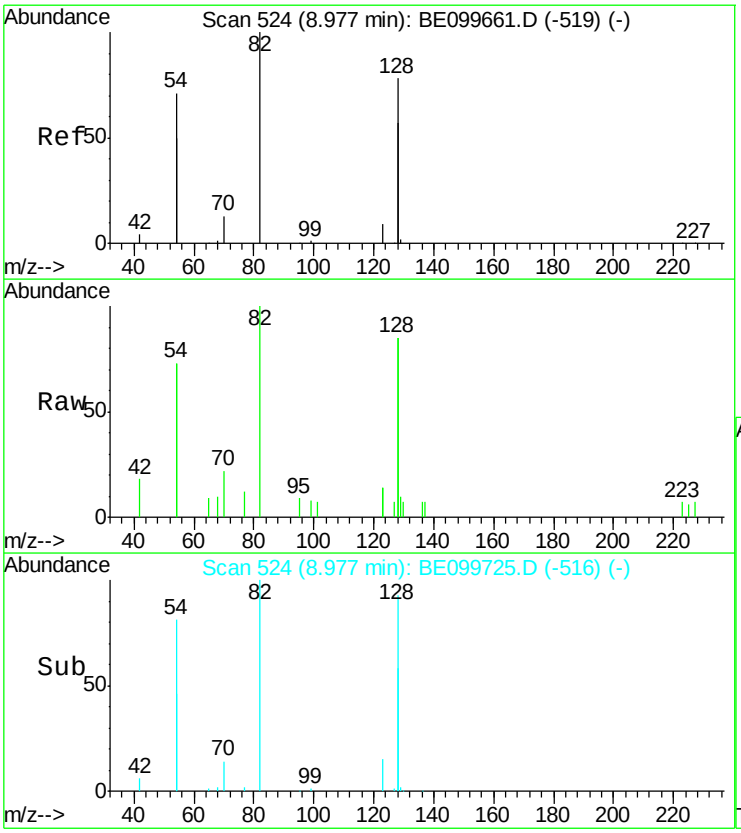
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:136 Resp: 5223

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.0	13.6
54	28.4	22.3	33.5
68	7.2	6.0	9.0

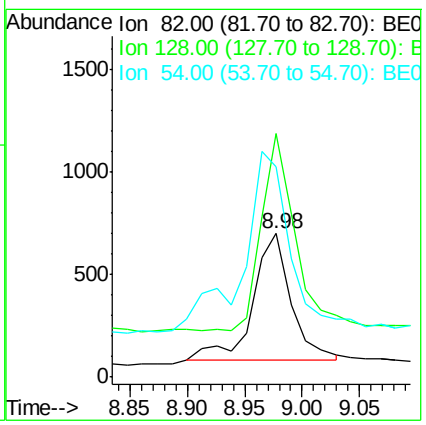


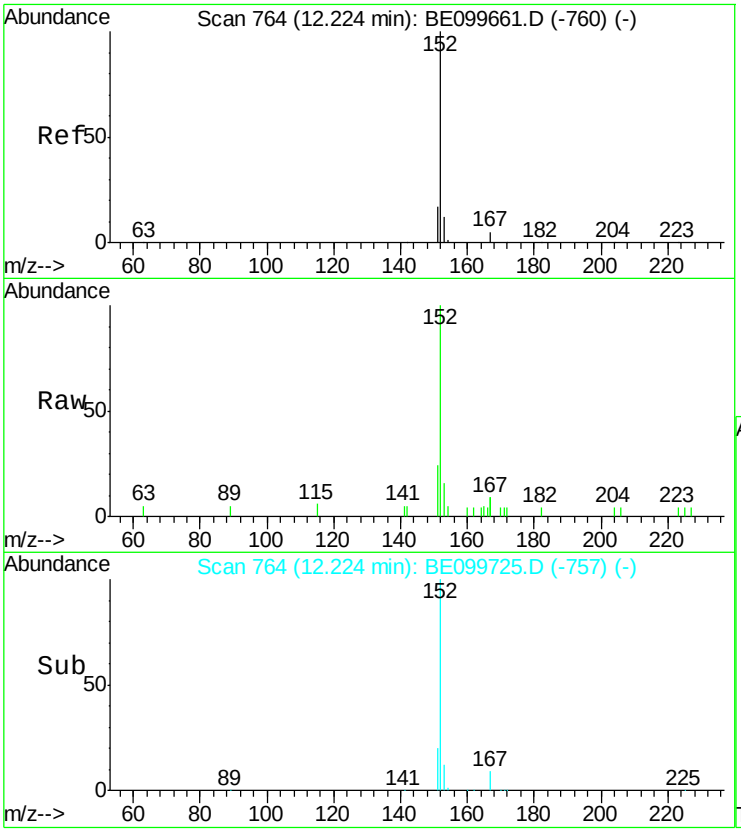


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion: 82 Resp: 1444

Ion	Ratio	Lower	Upper
82	100		
128	170.2	117.7	176.5
54	146.9	106.6	160.0



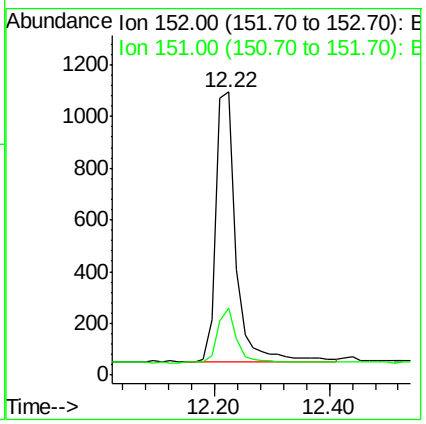


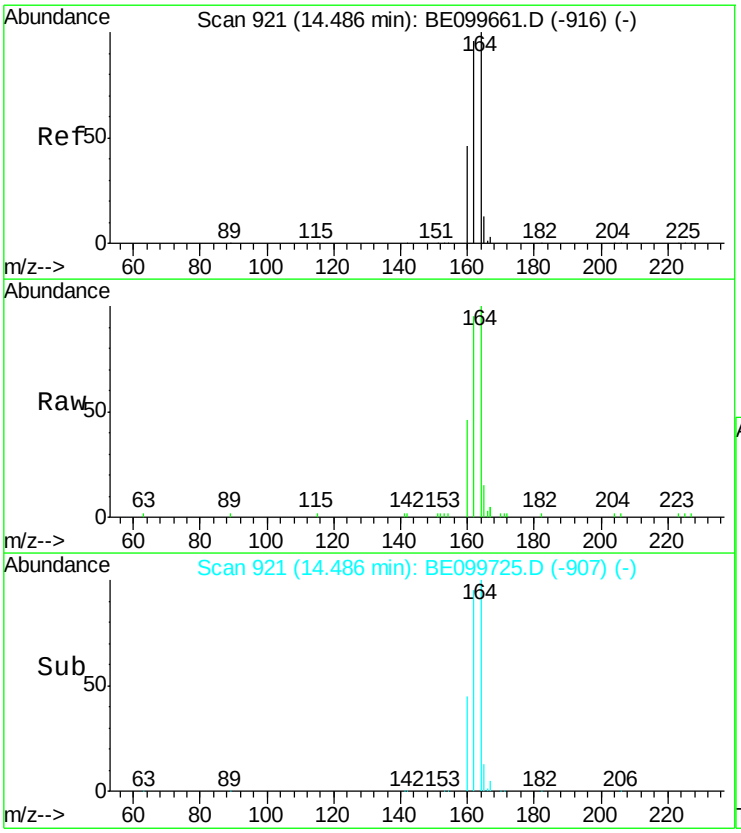
#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:152 Resp: 2569

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.0	22.4

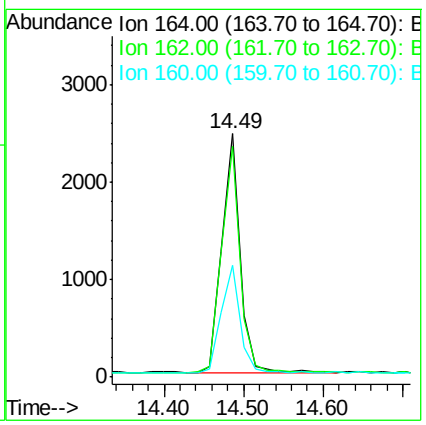


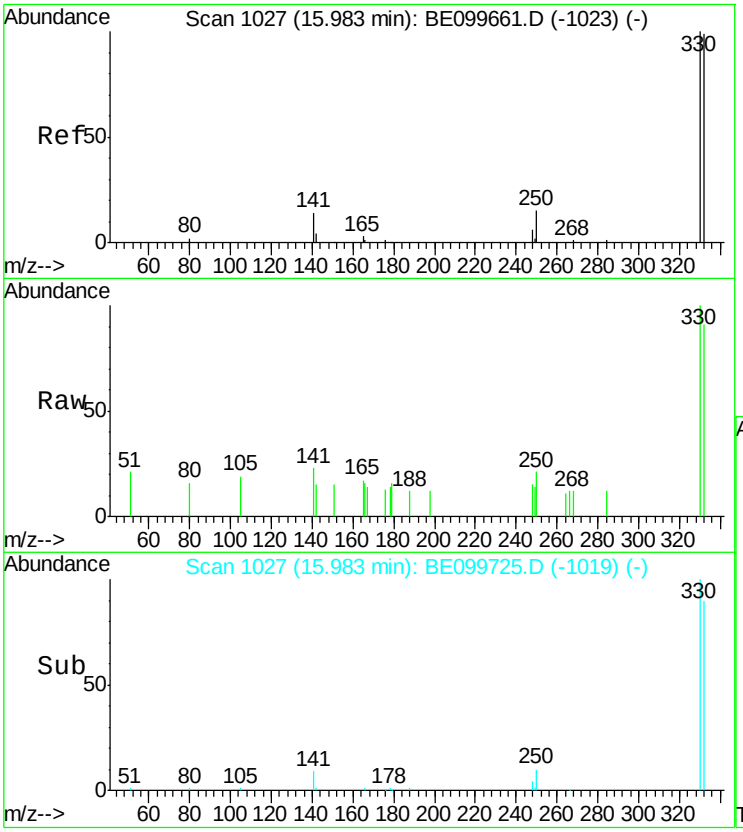


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:164 Resp: 3875

Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.5	114.7
160	46.1	37.4	56.2



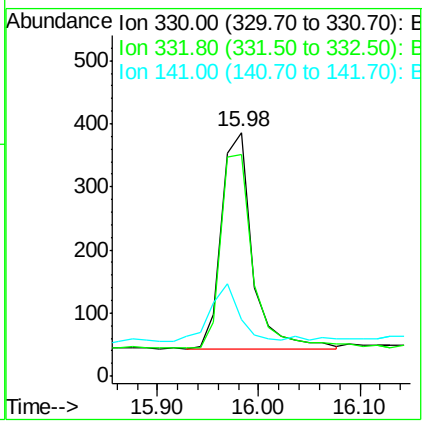


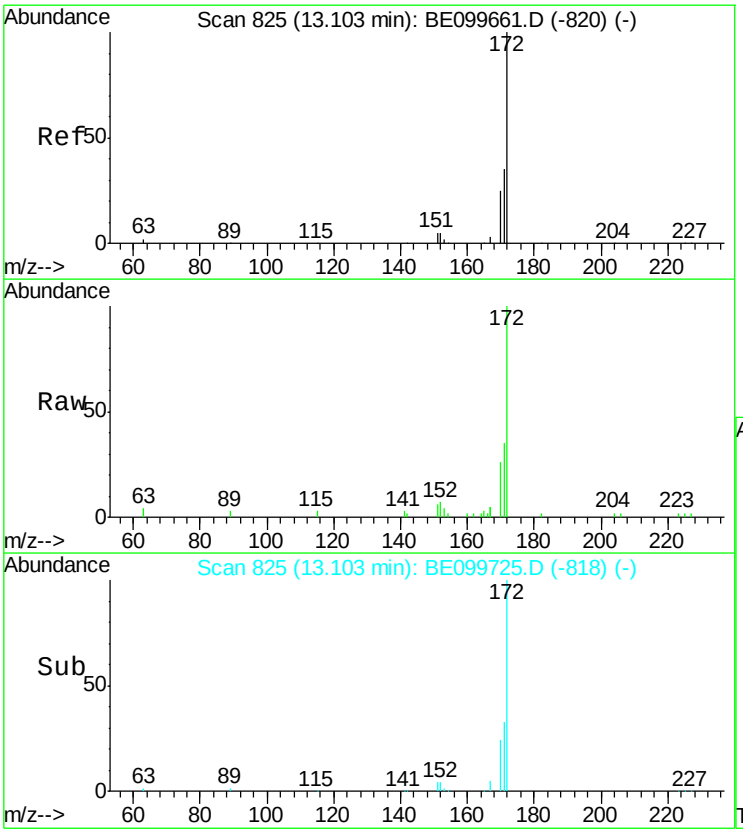
#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:330 Resp: 725

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	24.3	18.9	28.3

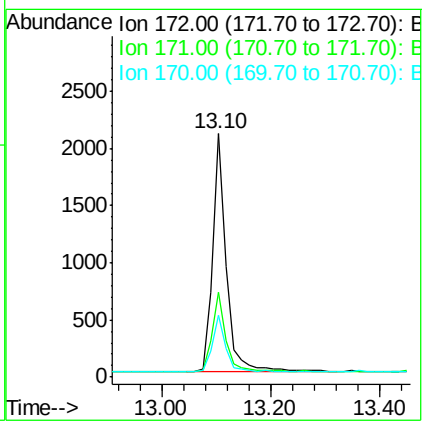


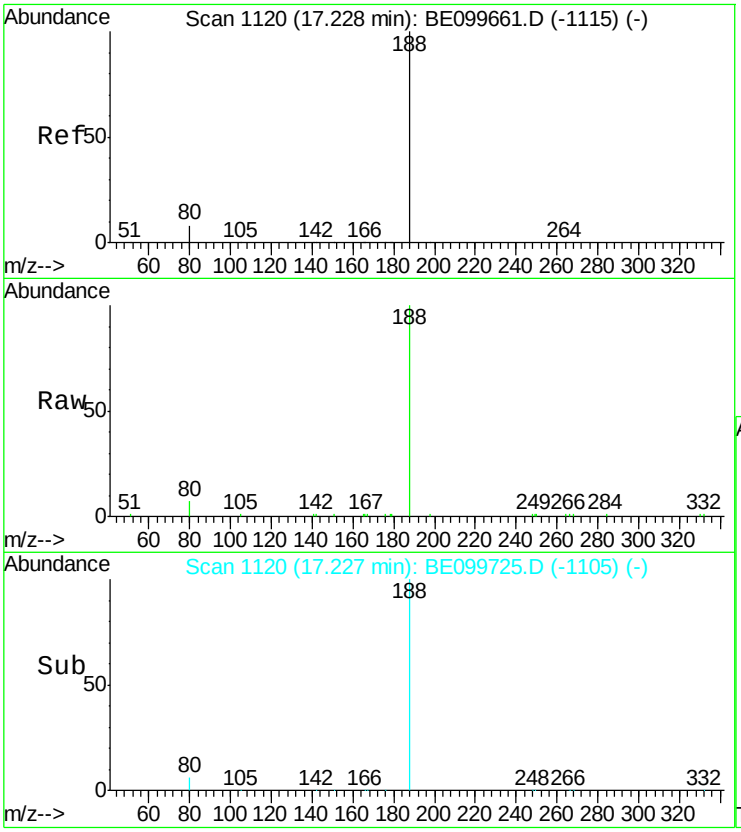


#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:172 Resp: 3723

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	25.6	20.9	31.3



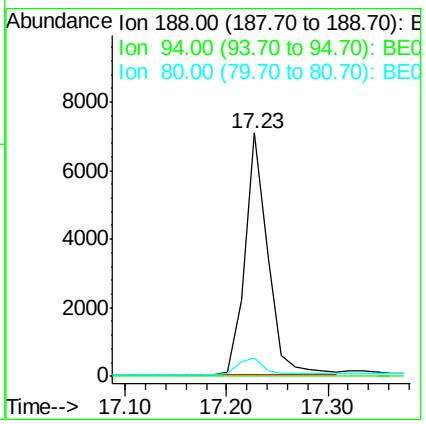


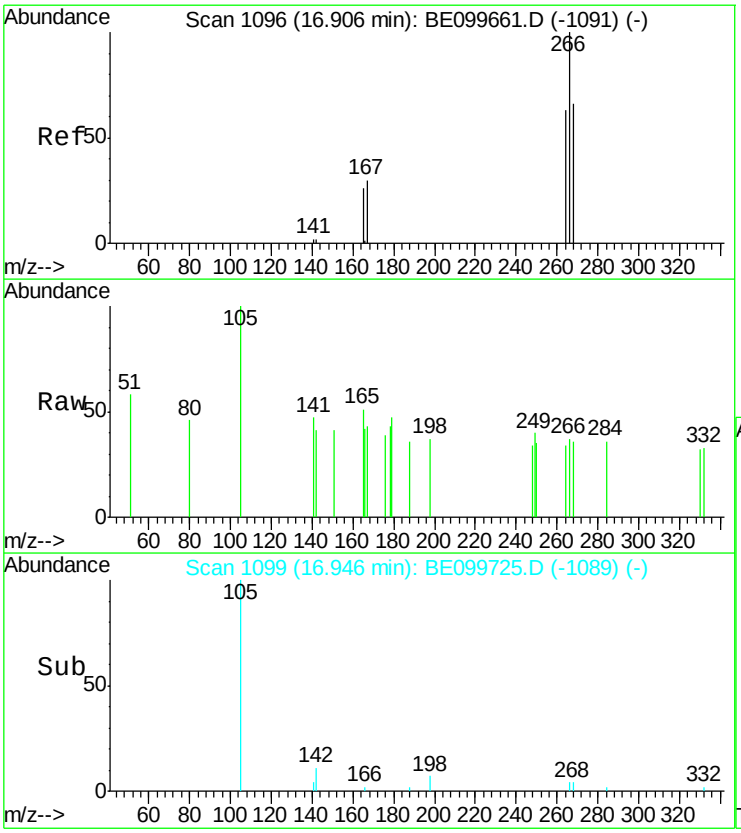
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:188 Resp: 11112

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.7	10.1

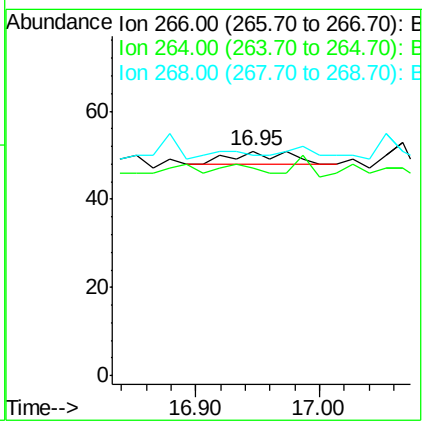


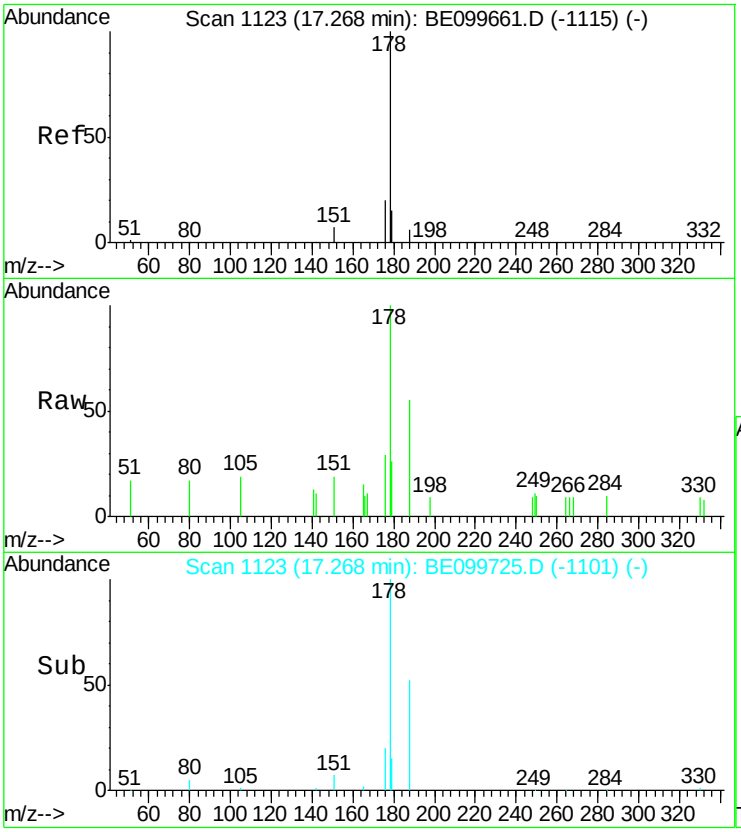


#22
Pentachlorophenol
Concen: 0.185 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	92.2	57.2	85.8#
268	98.0	60.5	90.7#



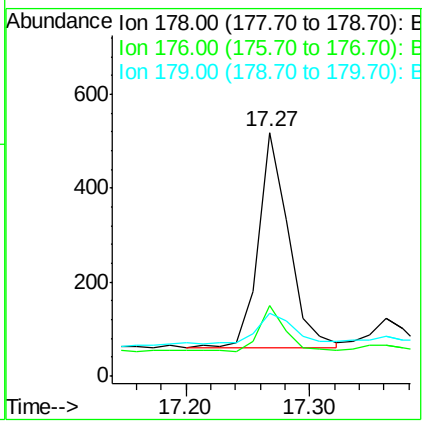


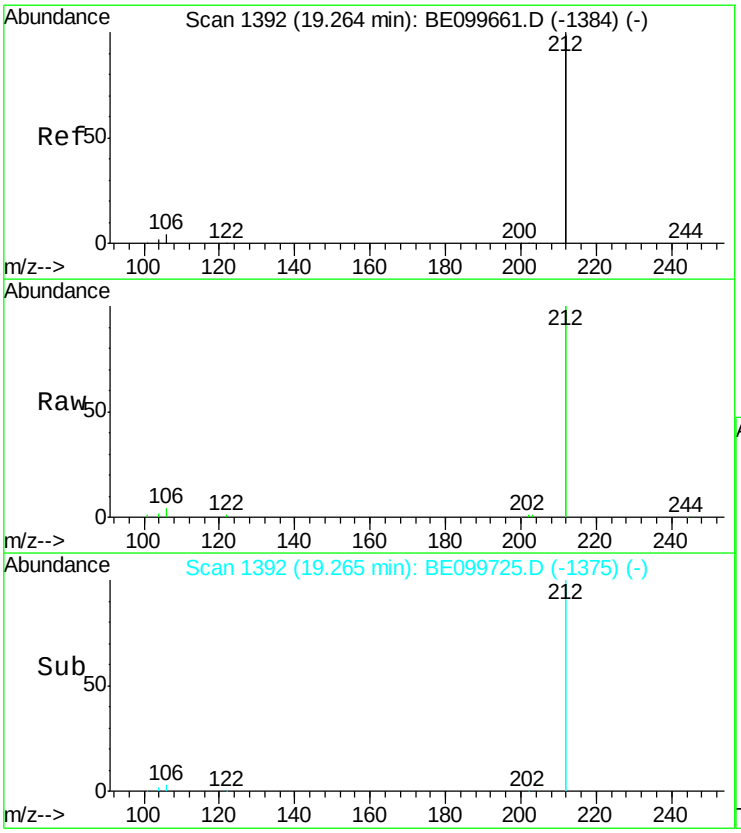
#23
Phenanthrene
Concen: 0.028 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:178 Resp: 772

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.6	23.4
179	25.0	12.2	18.4#

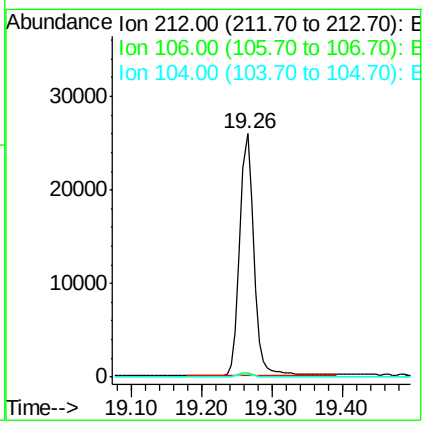


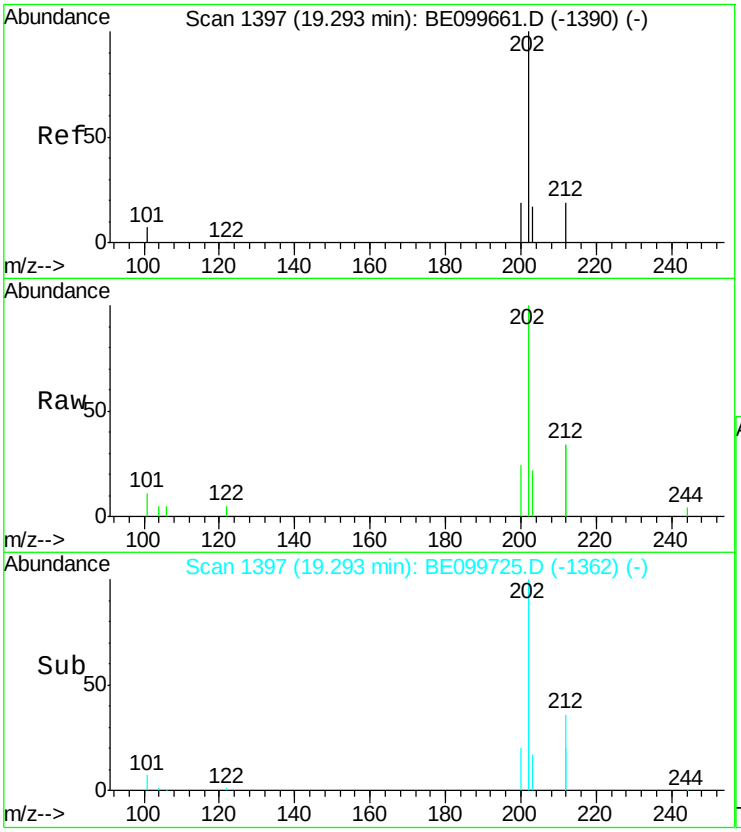


#25
Fluoranthene-d10
Concen: 0.235 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:212 Resp: 35663

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



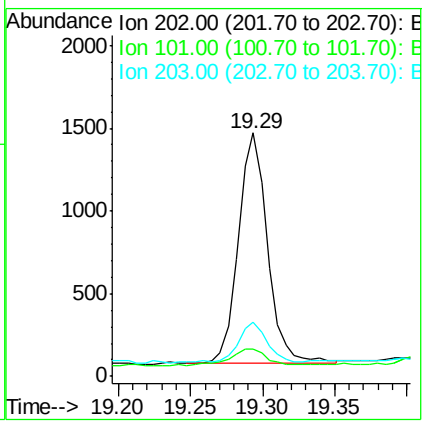


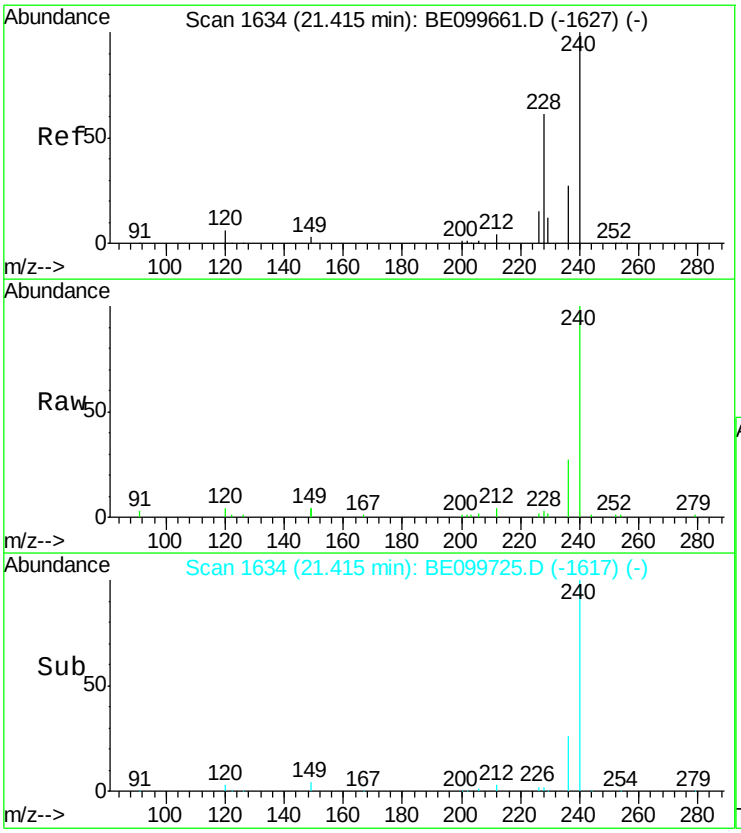
#26
Fluoranthene
Concen: 0.046 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:202 Resp: 1969

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.2	7.8#
203	18.2	13.8	20.6

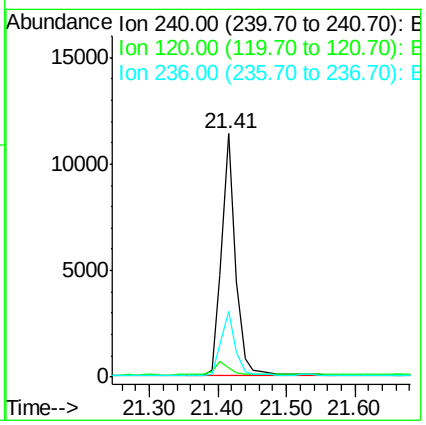


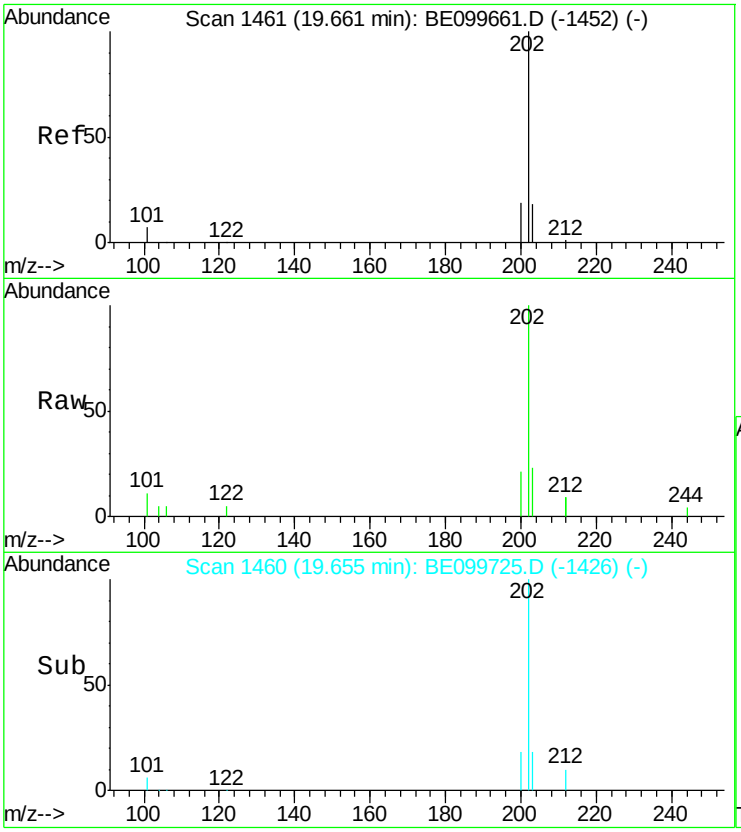


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:240 Resp: 16122

Ion	Ratio	Lower	Upper
240	100		
120	4.1	5.4	8.0#
236	26.9	21.7	32.5



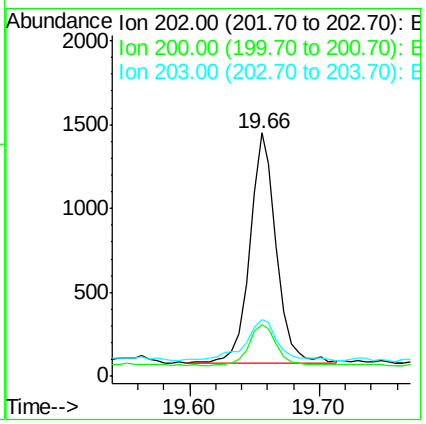


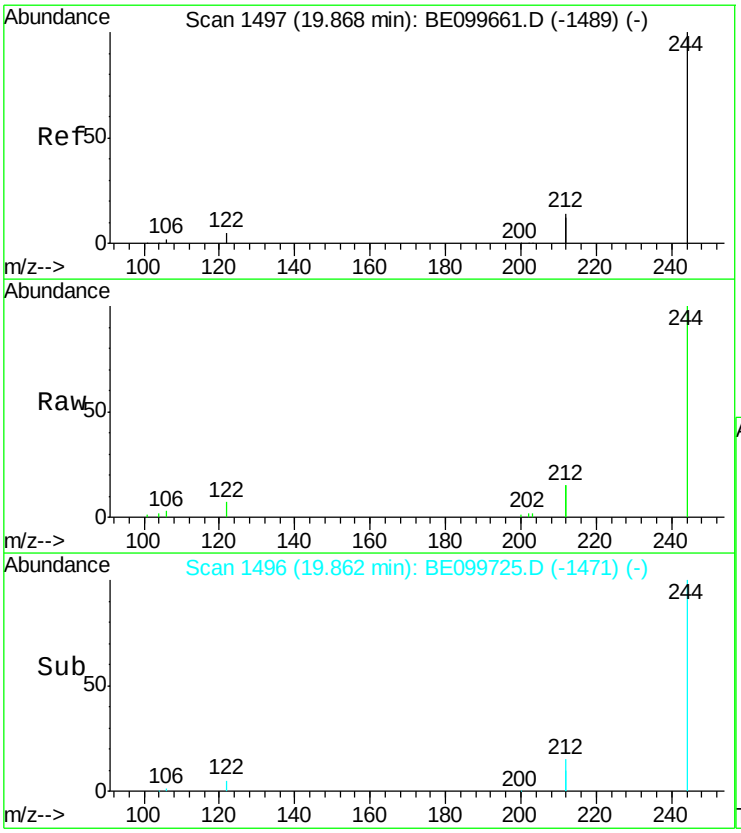
#28
Pyrene
Concen: 0.048 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:202 Resp: 1947

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.4	23.2
203	23.0	13.8	20.8#

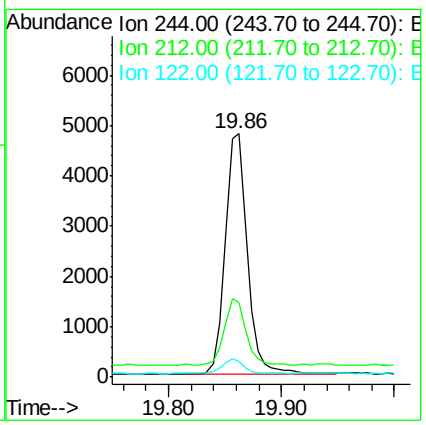


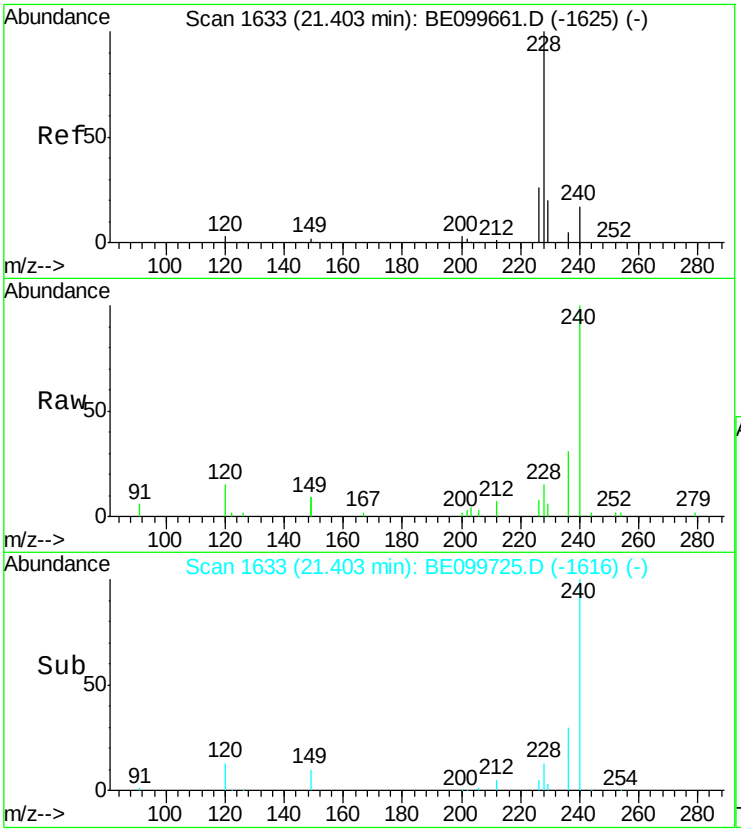


#29
Terphenyl-d14
Concen: 0.230 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:244 Resp: 6632

Ion	Ratio	Lower	Upper
244	100		
212	30.6	22.5	33.7
122	6.6	4.3	6.5#



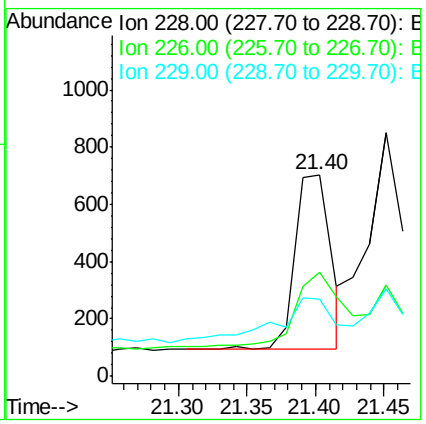


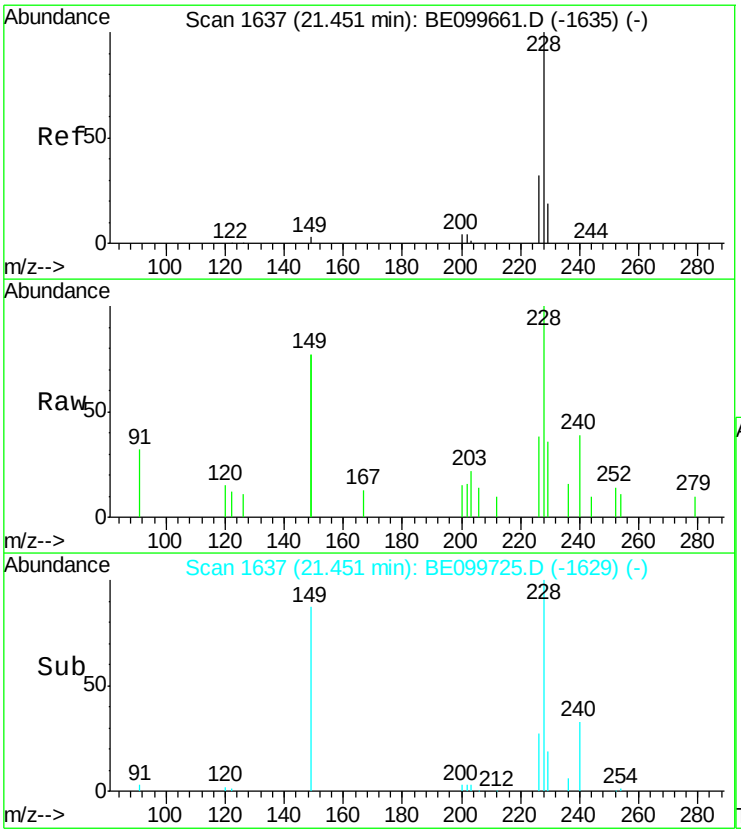
#30
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:228 Resp: 1106

Ion	Ratio	Lower	Upper
228	100		
226	51.5	21.3	31.9#
229	38.0	16.1	24.1#

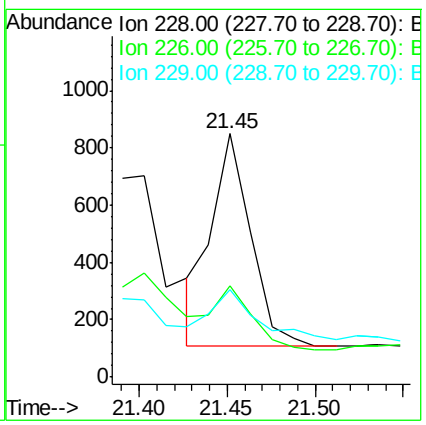


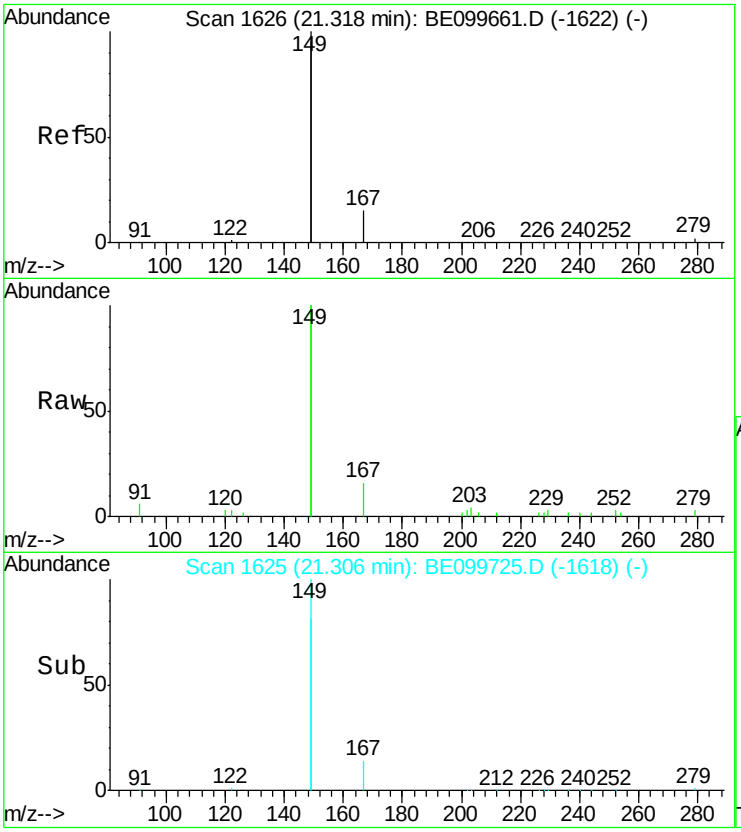


#31
Chrysene
Concen: 0.024 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:228 Resp: 1156

Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.7	37.1#
229	35.6	15.8	23.6#



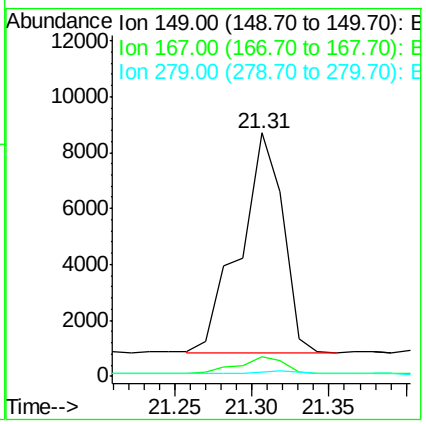


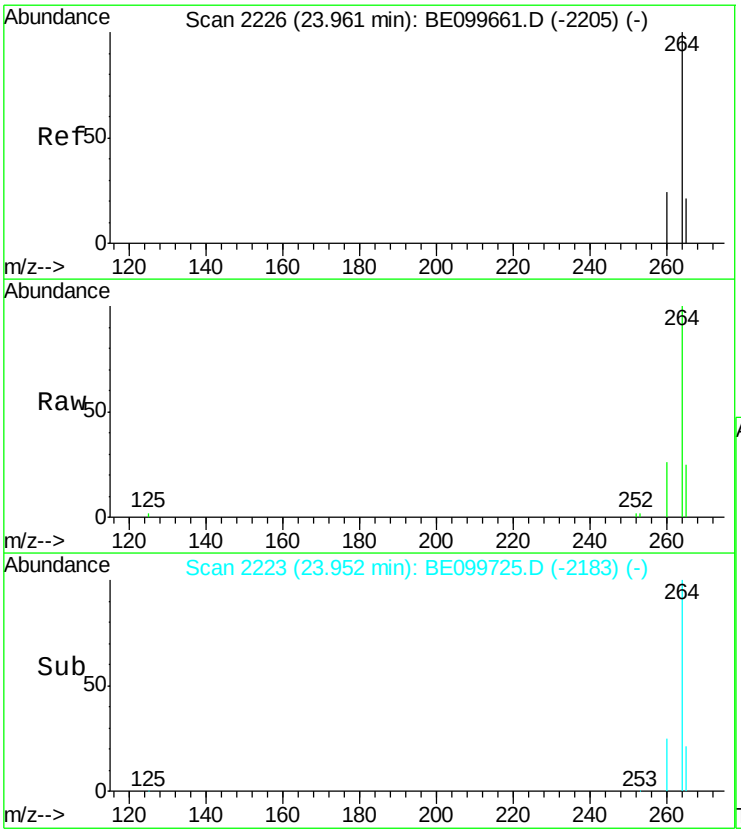
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.289 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:149 Resp: 15256

Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.7	1.2	1.8

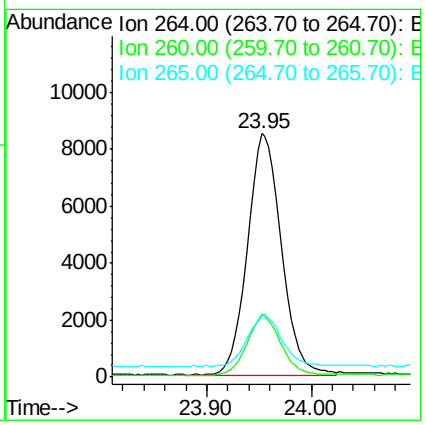


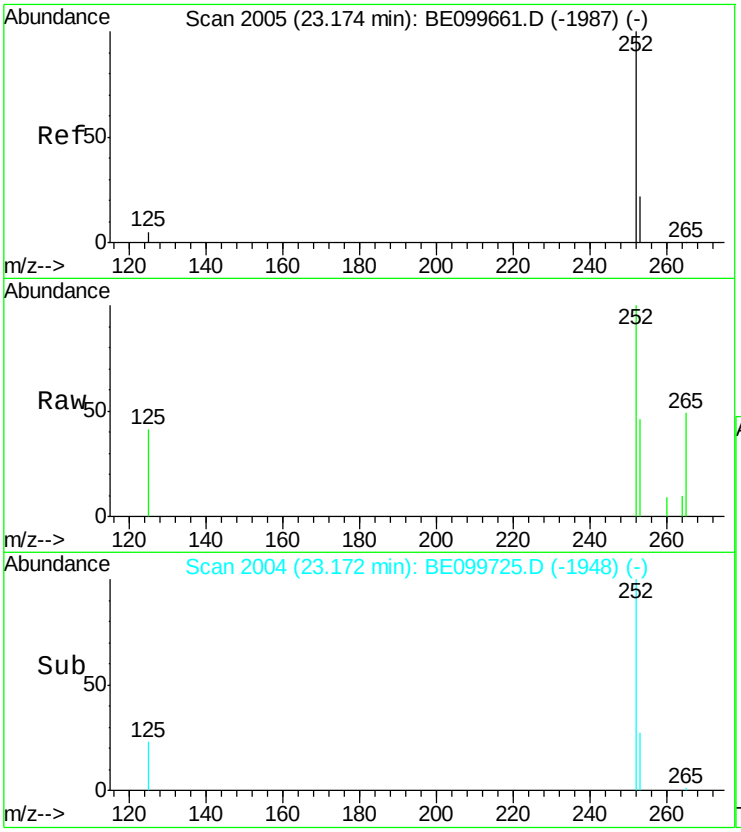


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:264 Resp: 19146

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.6	29.4
265	25.5	19.1	28.7



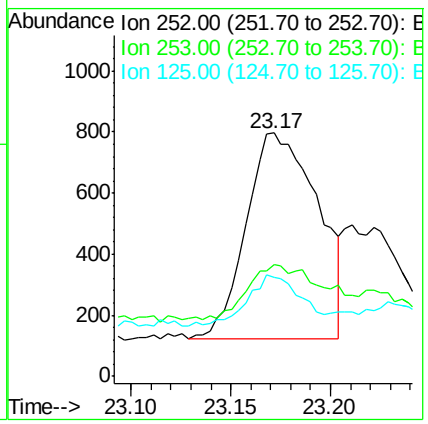


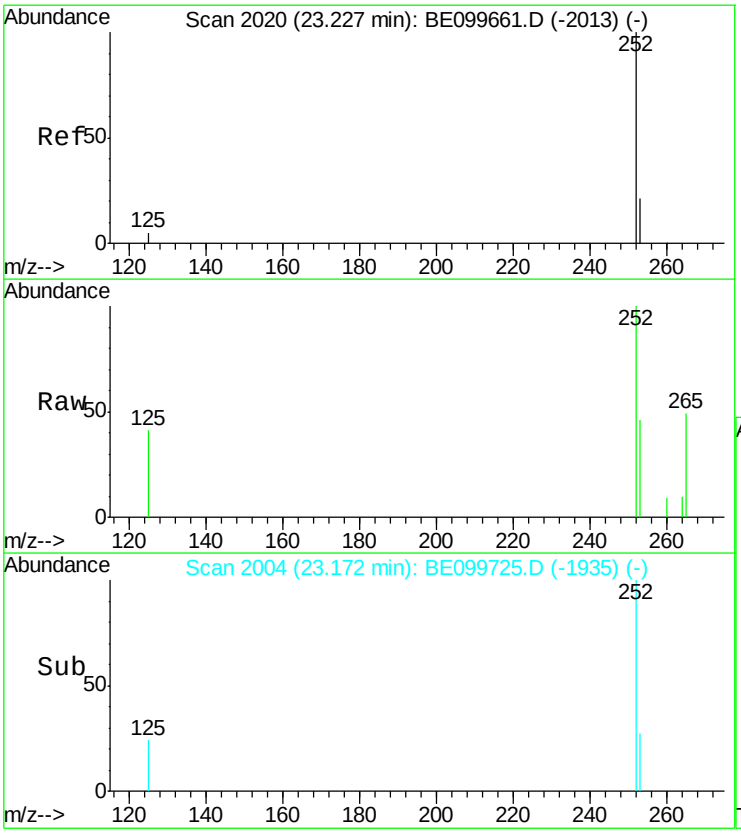
#35
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:252 Resp: 1686

Ion	Ratio	Lower	Upper
252	100		
253	45.8	18.2	27.4#
125	40.9	4.5	6.7#

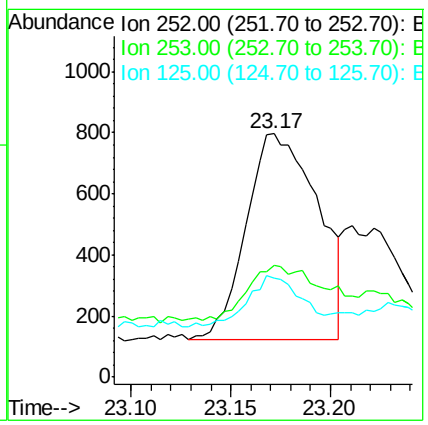


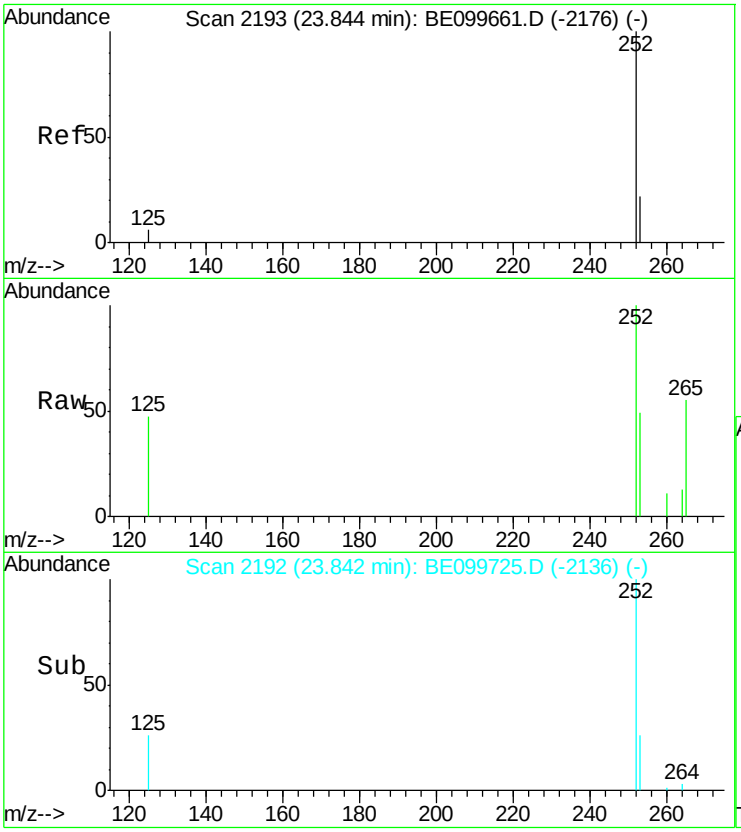


#36
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.06 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Tgt Ion:252 Resp: 1686

Ion	Ratio	Lower	Upper
252	100		
253	45.8	17.8	26.8#
125	40.9	4.6	6.8#





#37
Benzo(a)pyrene
Concen: 0.024 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099725.D
Acq: 22 May 2019 18:09

Instrument :
BNA_E
ClientSampleId :
FESB-17(1.9-2.4)

Tgt Ion:252 Resp: 1229

Ion	Ratio	Lower	Upper
252	100		
253	48.7	18.9	28.3#
125	47.0	5.4	8.0#