Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099719.D
Acq On : 22 May 2019 14:31
Operator : JU/SJ
Sample : K2986-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-19(6.5-7)

Quant Time: May 23 07:58:12 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	1478	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	5248	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3859	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	10942	0.40	ng		0.00
27) Chrysene-d12	21.41	240	16041	0.40	ng		0.00
34) Perylene-d12	23.95	264	19354	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1189	0.32	ng		0.00
5) Phenol-d6	6.98	99	1725	0.35	ng		0.00
8) Nitrobenzene-d5	8.98	82	1369	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2464	0.27	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	768	0.39	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	3721	0.25	ng		0.00
25) Fluoranthene-d10	19.26	212	38139	0.26	ng		0.00
29) Terphenyl-d14	19.86	244	7962	0.28	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.61	42	30	0.025	ng	#	3
16) Acenaphthylene	14.14	152	903	0.050	ng	#	85
22) Pentachlorophenol	16.89	266	21	0.191	ng	#	80
23) Phenanthrene	17.27	178	652	0.024	ng	#	85
26) Fluoranthene	19.29	202	2059	0.049	ng	#	95
28) Pyrene	19.66	202	1991	0.049	ng	#	88
30) Benzo(a)anthracene	21.40	228	1864	0.041	ng	#	1
31) Chrysene	21.45	228	1179	0.024	ng	#	59
32) Bis(2-ethylhexyl)phthalate	21.31	149	12985	0.247	ng		99
35) Benzo(b)fluoranthene	23.17	252	1815	0.034	ng	#	9
36) Benzo(k)fluoranthene	23.17	252	1815	0.033	ng	#	7
37) Benzo(a)pyrene	23.84	252	1313	0.026	ng	#	25
39) Benzo(g,h,i)perylene	27.47	276	1100	0.020	ng	#	42

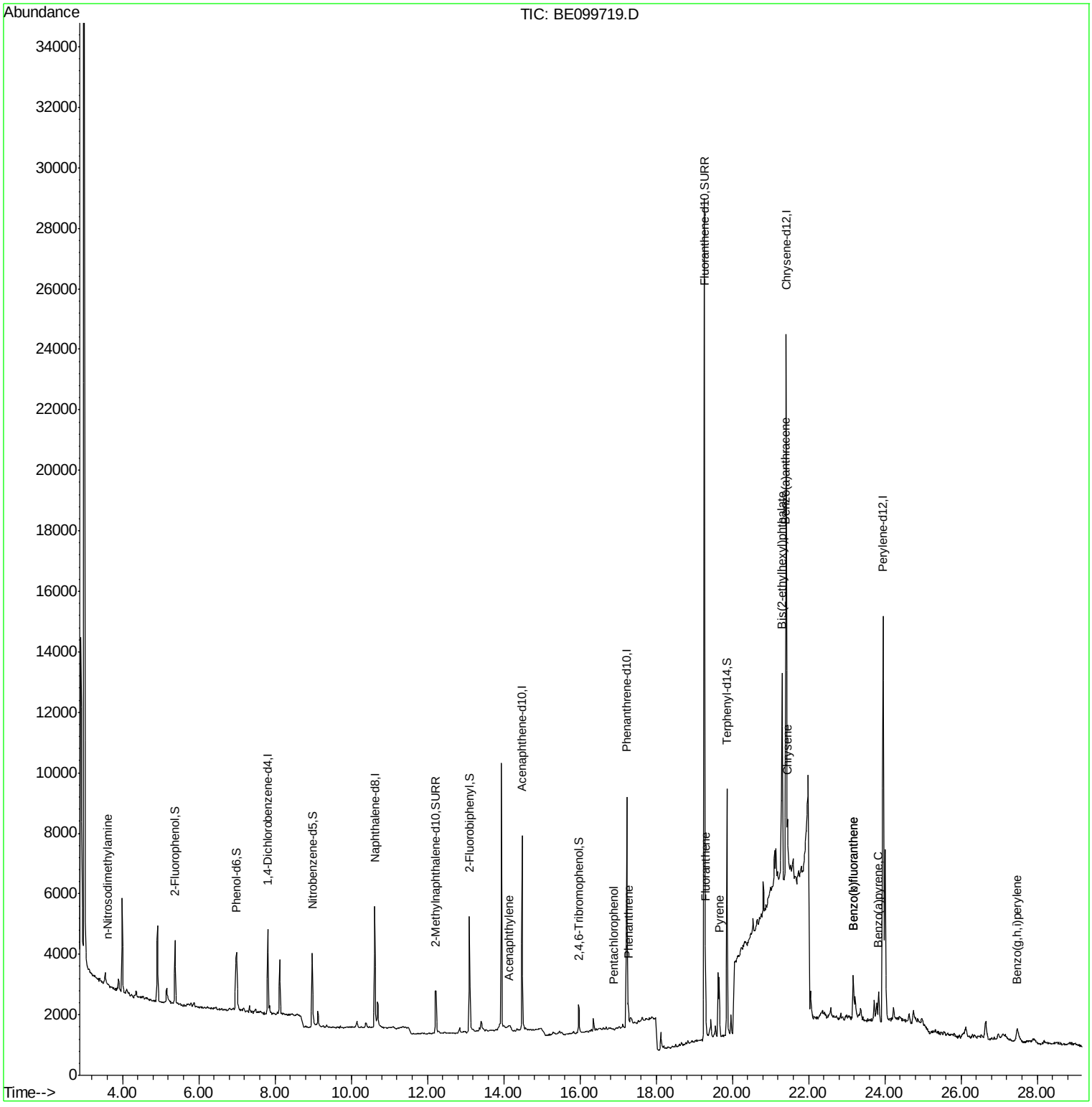
(#) = qualifier out of range (m) = manual integration (+) = signals summed

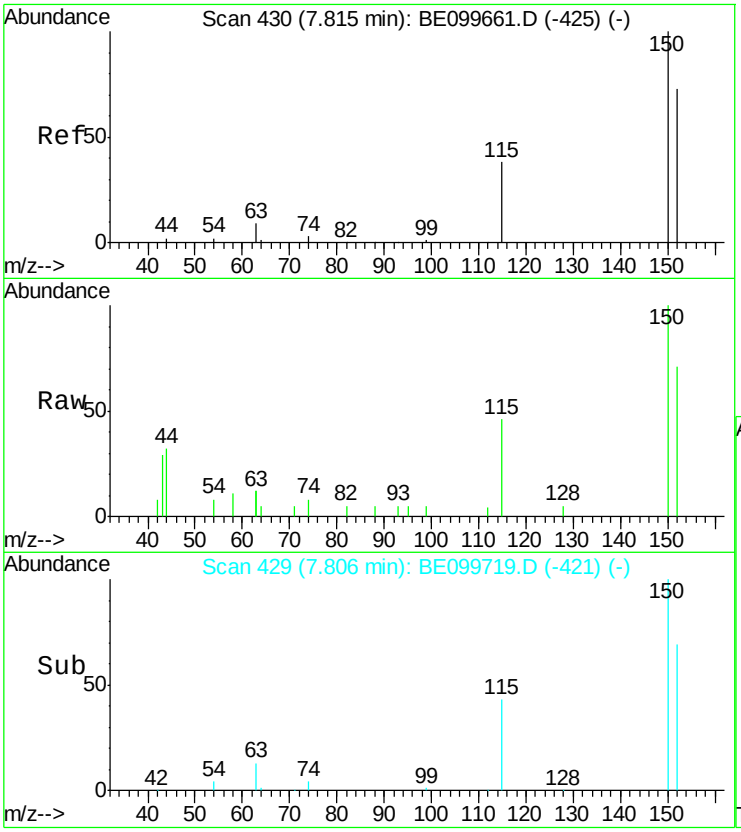
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
Data File : BE099719.D
Acq On : 22 May 2019 14:31
Operator : JU/SJ
Sample : K2986-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Quant Time: May 23 07:58:12 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



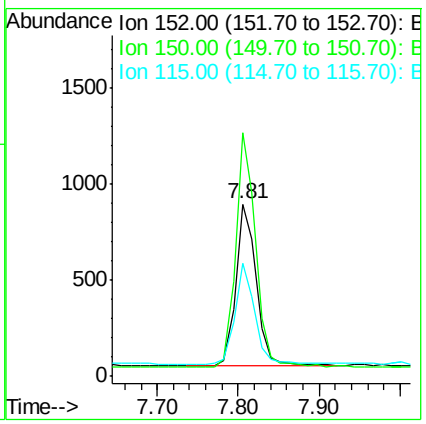


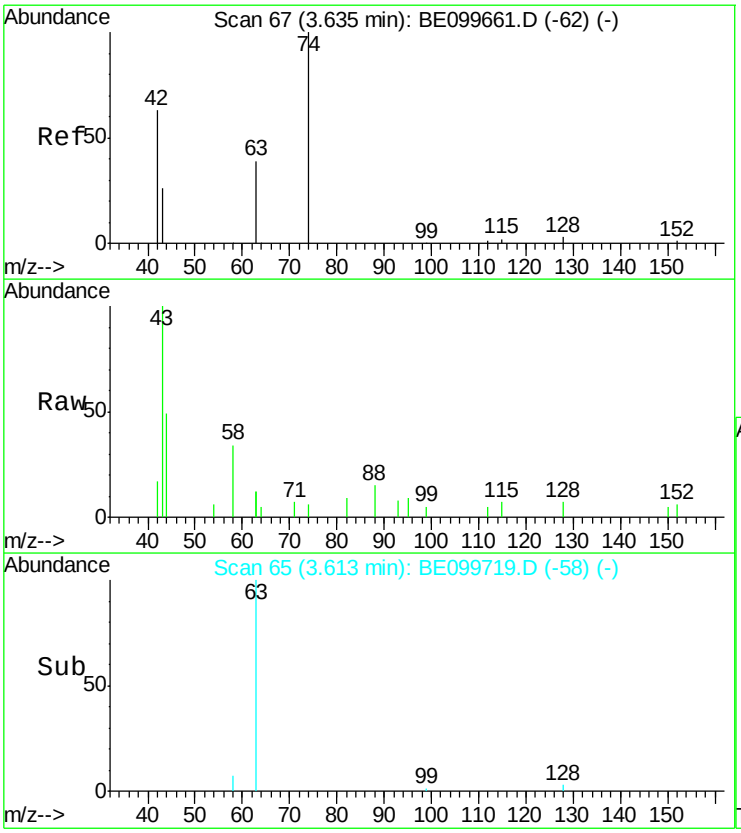
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:152 Resp: 1478

Ion	Ratio	Lower	Upper
152	100		
150	141.4	109.2	163.8
115	65.6	43.7	65.5#

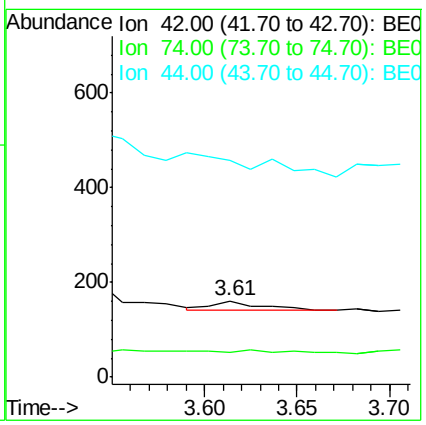


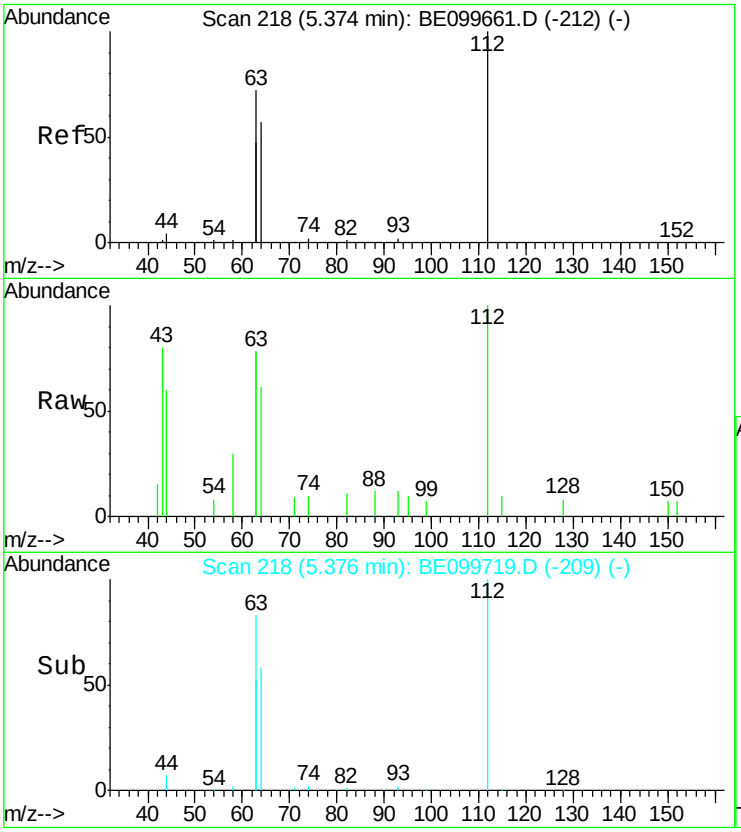


#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion: 42 Resp: 30

Ion	Ratio	Lower	Upper
42	100		
74	33.3	129.2	193.8#
44	0.0	0.0	0.0



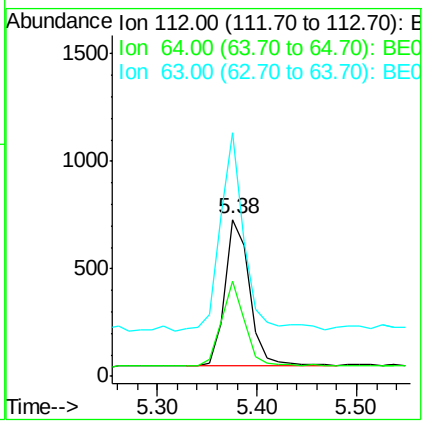


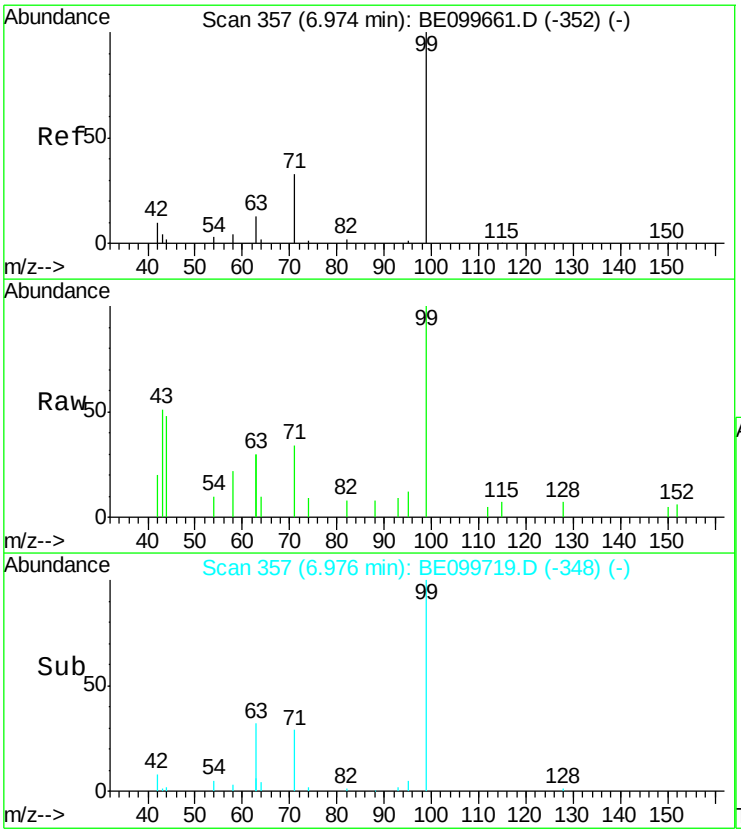
#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:112 Resp: 1189

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.4	65.2
63	128.9	96.9	145.3

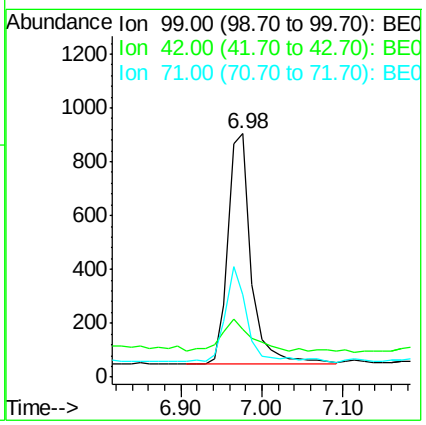


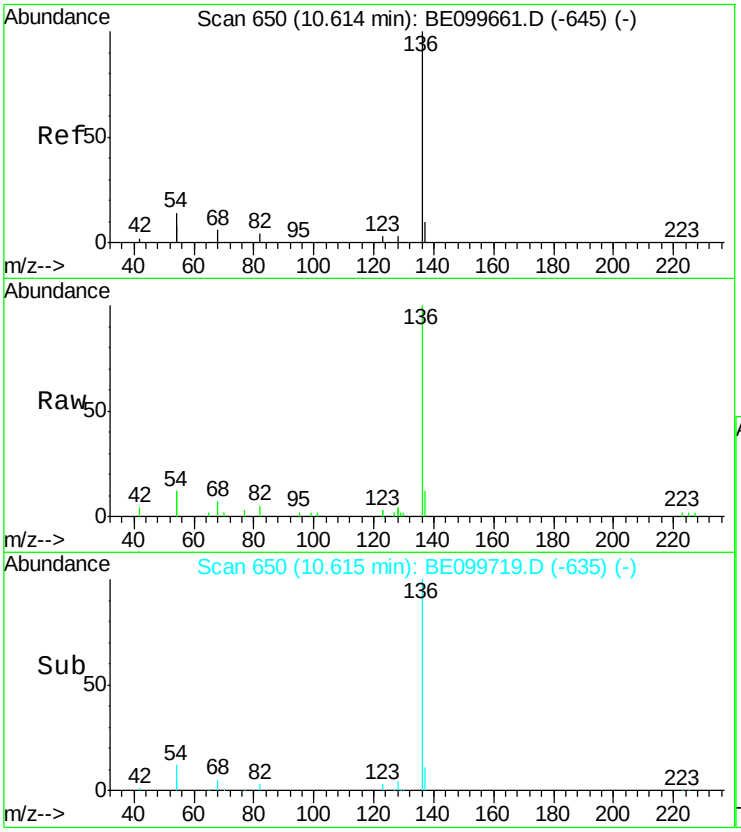


#5
Phenol-d6
Concen: 0.349 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion: 99 Resp: 1725

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	39.4	28.9	43.3



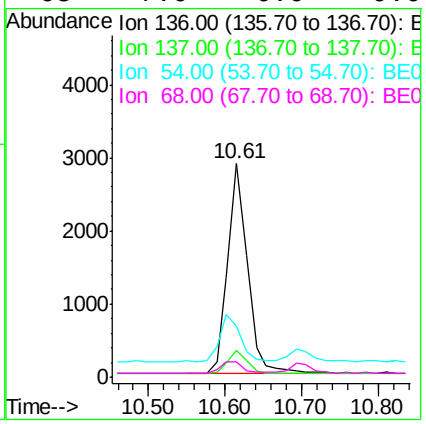


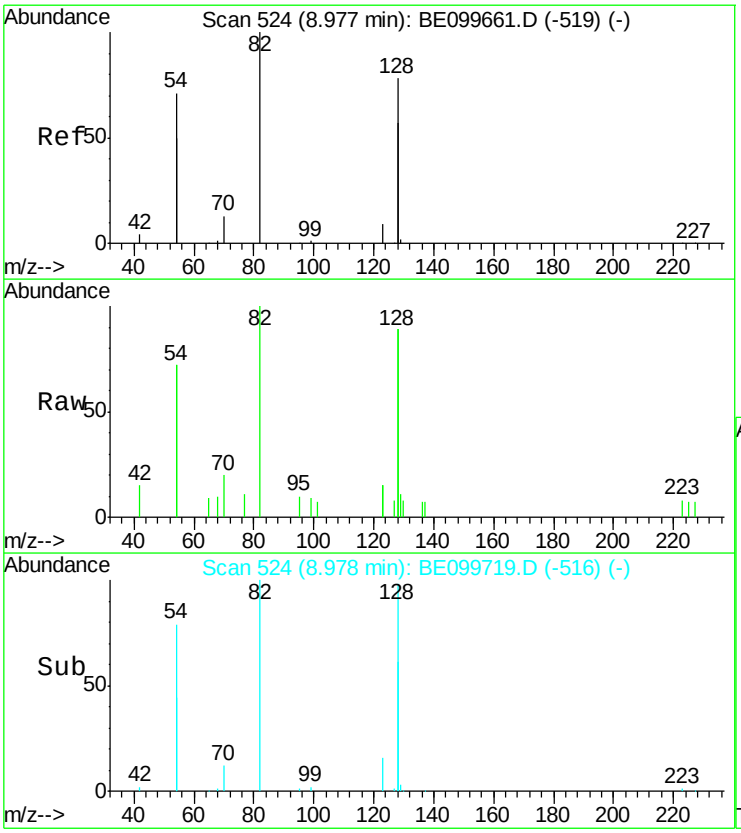
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:136 Resp: 5248

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	24.2	22.3	33.5
68	7.0	6.0	9.0

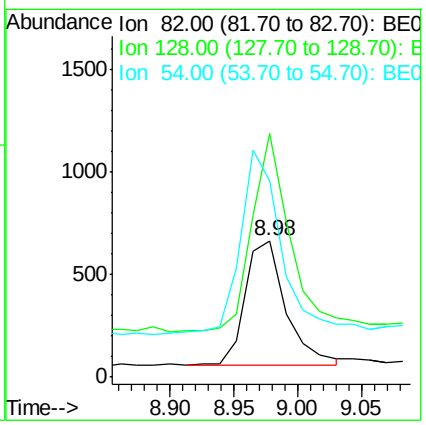


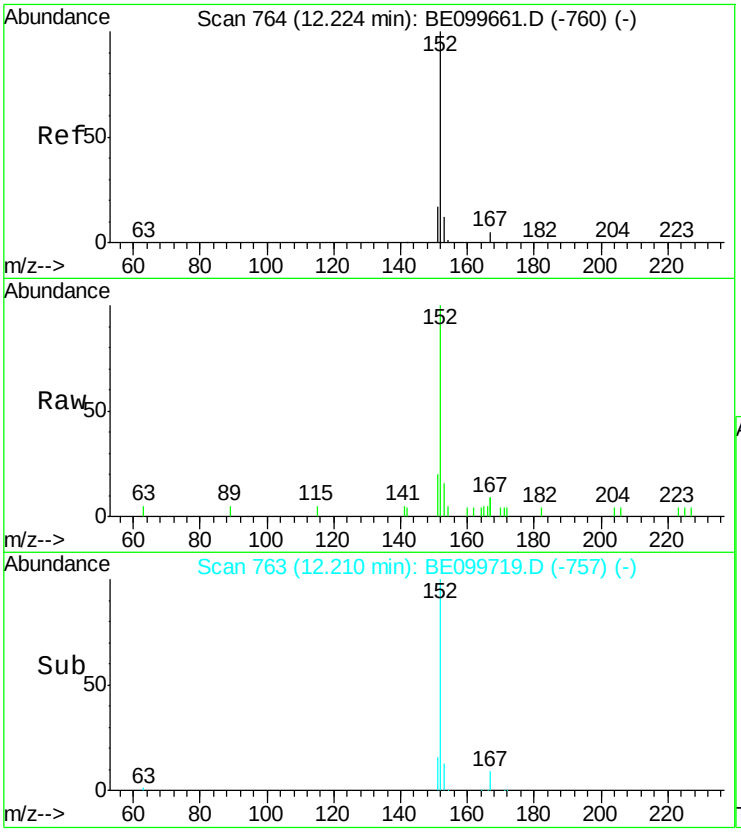


#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion: 82 Resp: 1369

Ion	Ratio	Lower	Upper
82	100		
128	178.6	117.7	176.5#
54	144.3	106.6	160.0



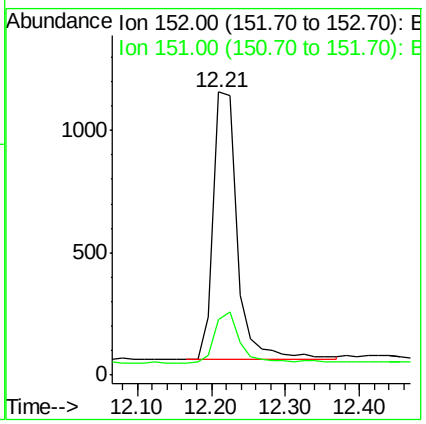


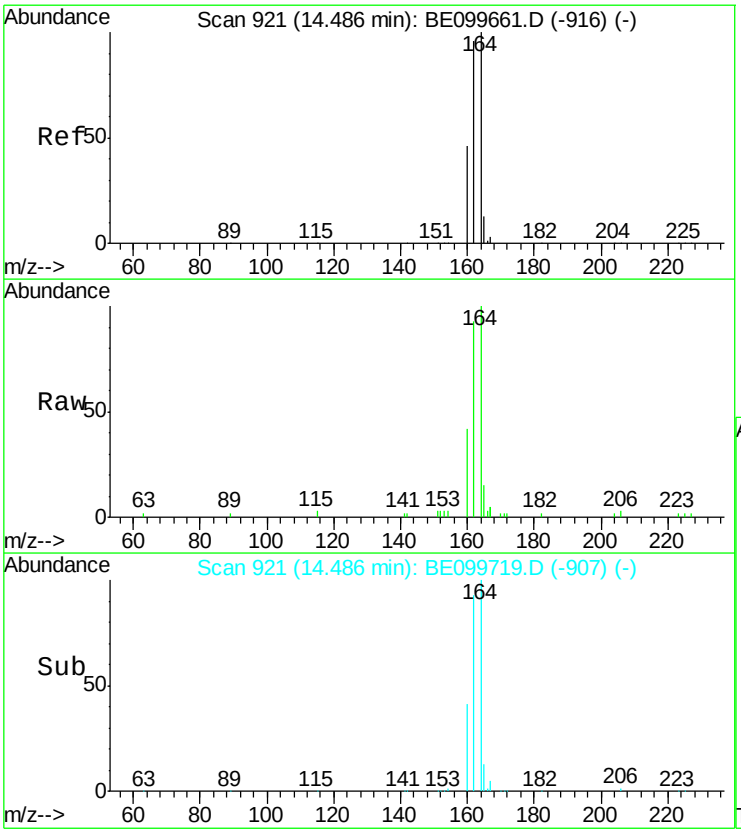
#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:152 Resp: 2464

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.0	22.4

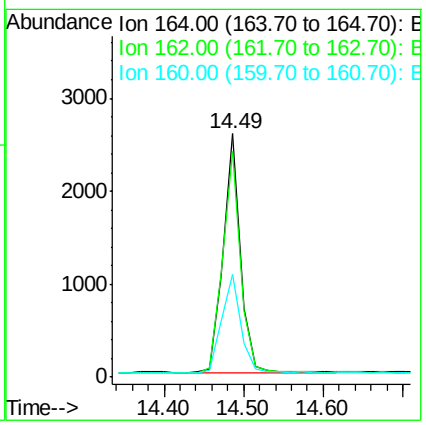


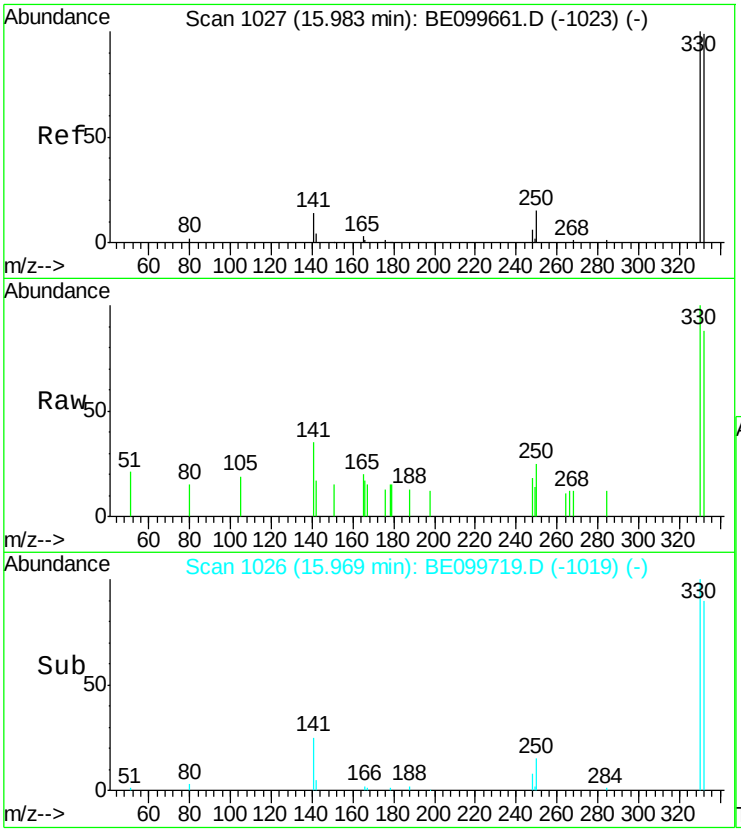


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:164 Resp: 3859

Ion	Ratio	Lower	Upper
164	100		
162	92.7	76.5	114.7
160	42.2	37.4	56.2



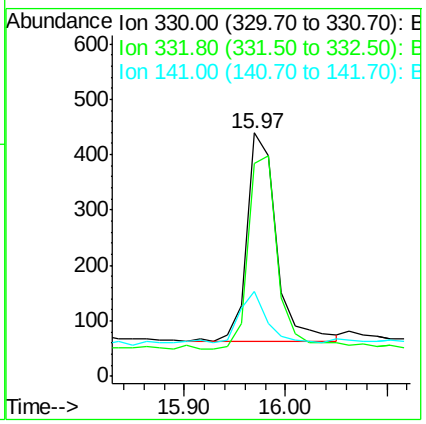


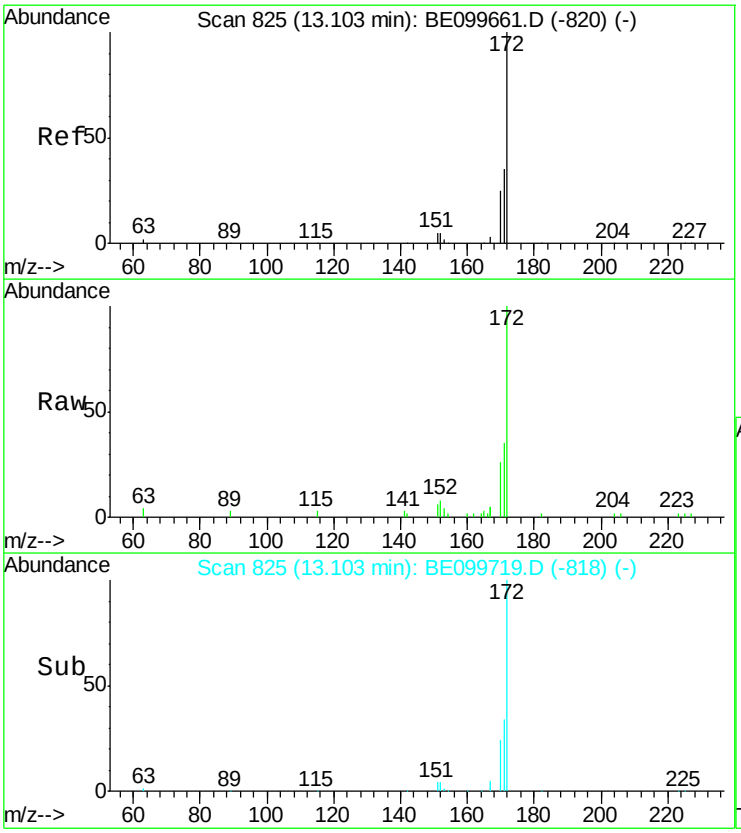
#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:330 Resp: 768

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	23.8	18.9	28.3

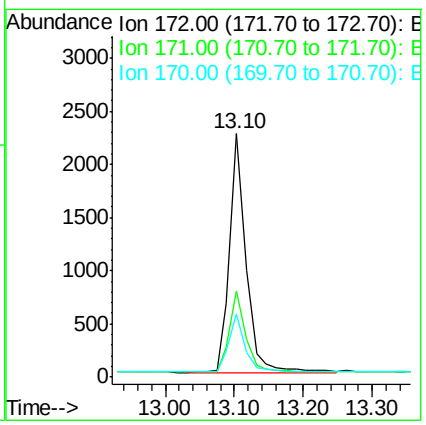


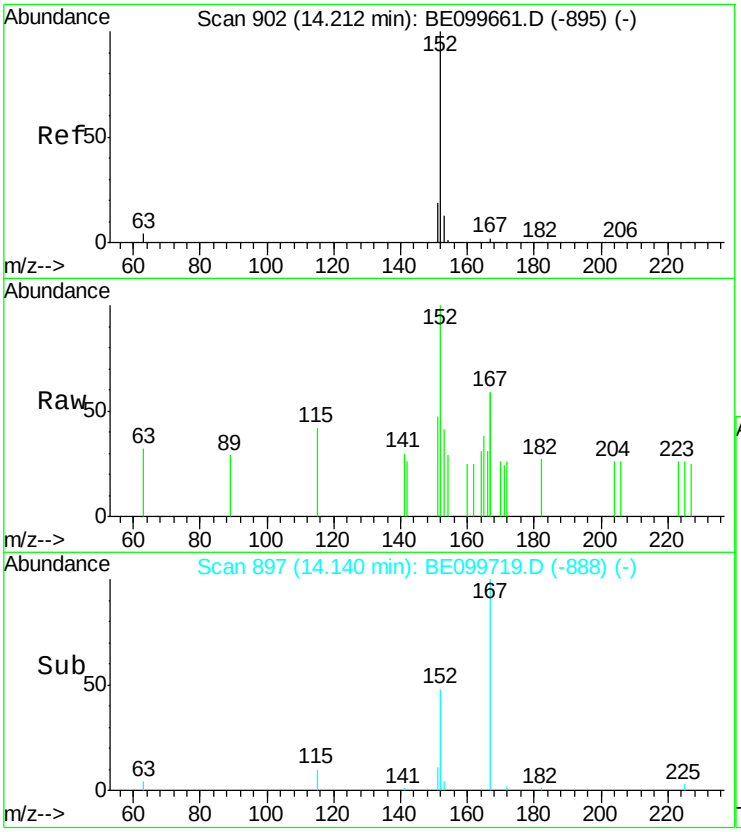


#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:172 Resp: 3721

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	25.7	20.9	31.3



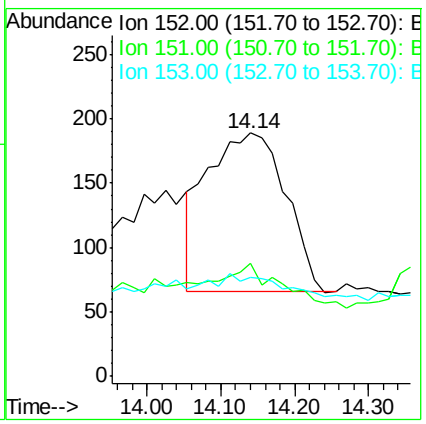


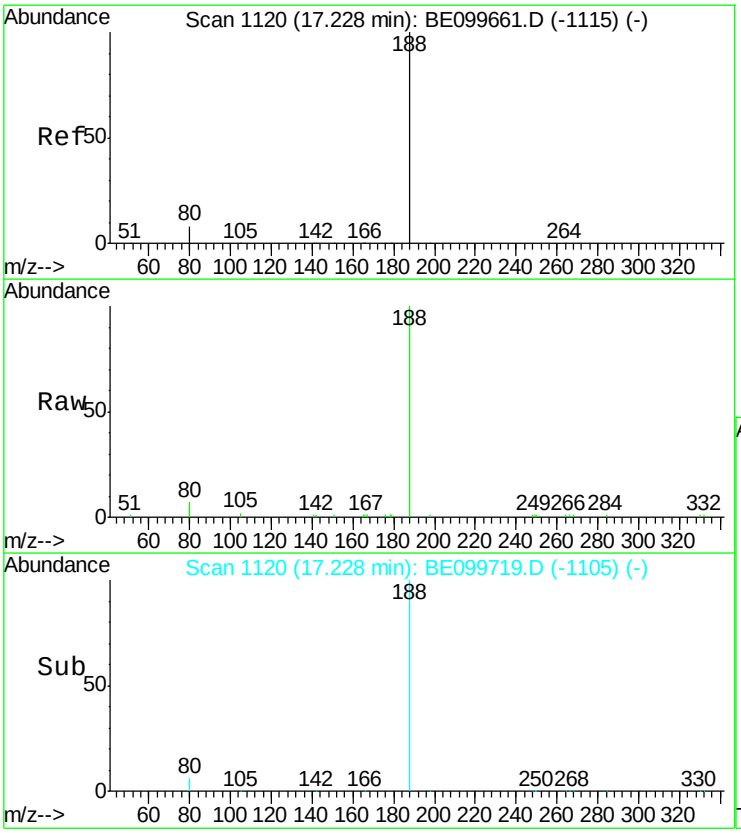
#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.07 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:152 Resp: 903

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.9	23.9
153	0.0	10.6	16.0#

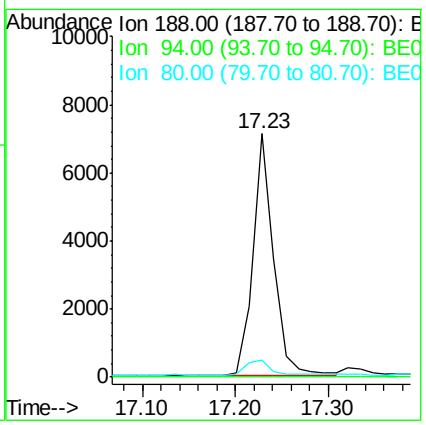


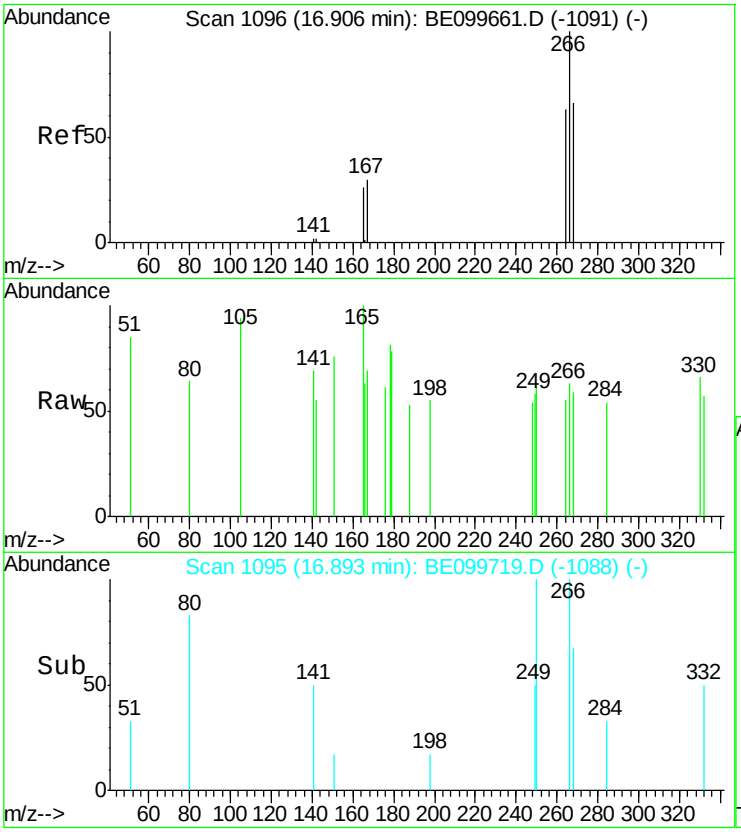


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:188 Resp: 10942

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.7	10.1



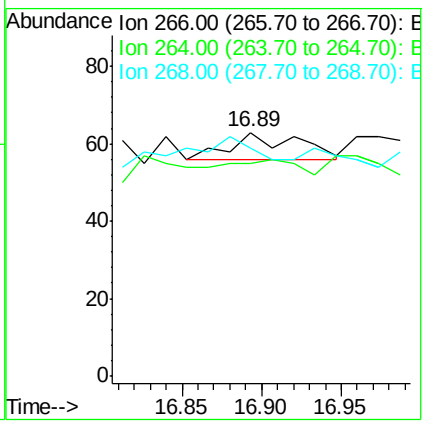


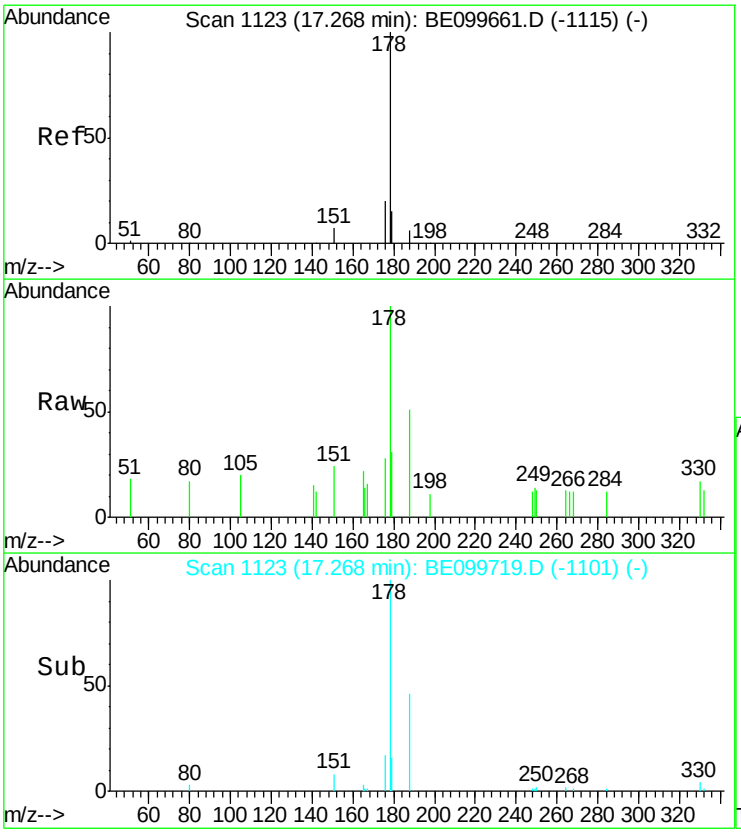
#22
Pentachlorophenol
Concen: 0.191 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:266 Resp: 21

Ion	Ratio	Lower	Upper
266	100		
264	87.3	57.2	85.8#
268	93.7	60.5	90.7#

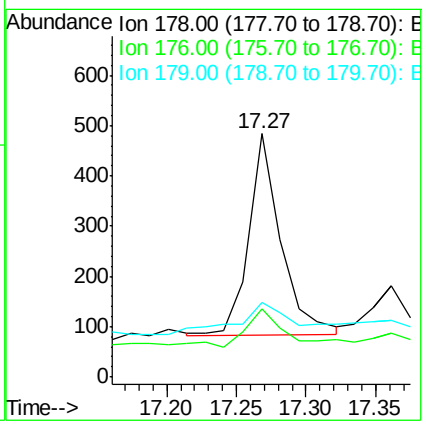


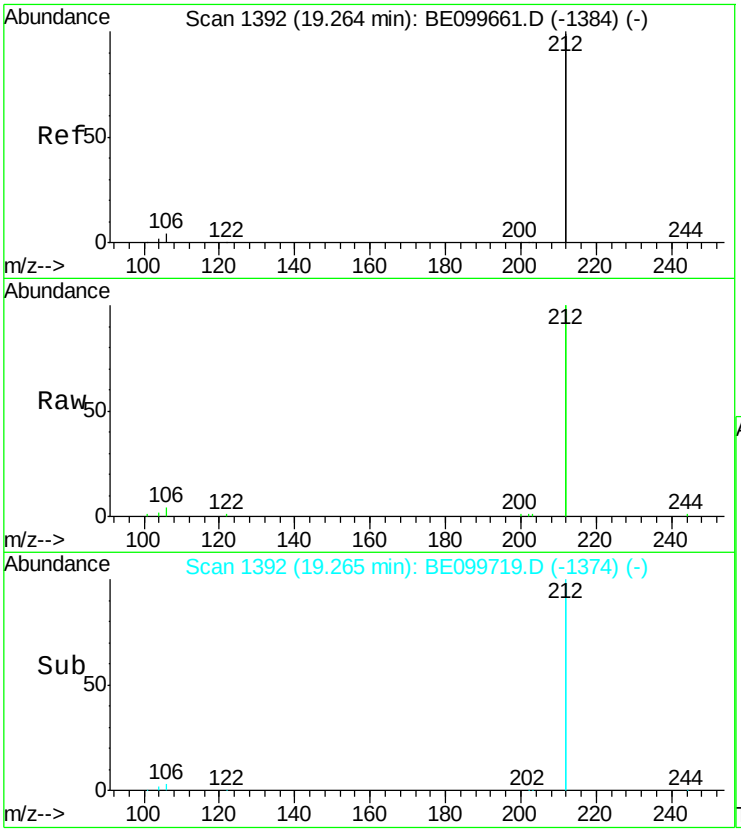


#23
Phenanthrene
Concen: 0.024 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:178 Resp: 652

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	29.4	12.2	18.4#



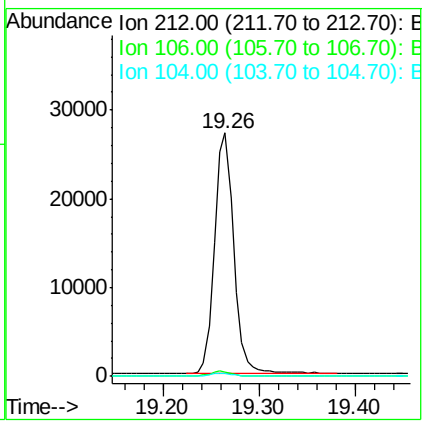


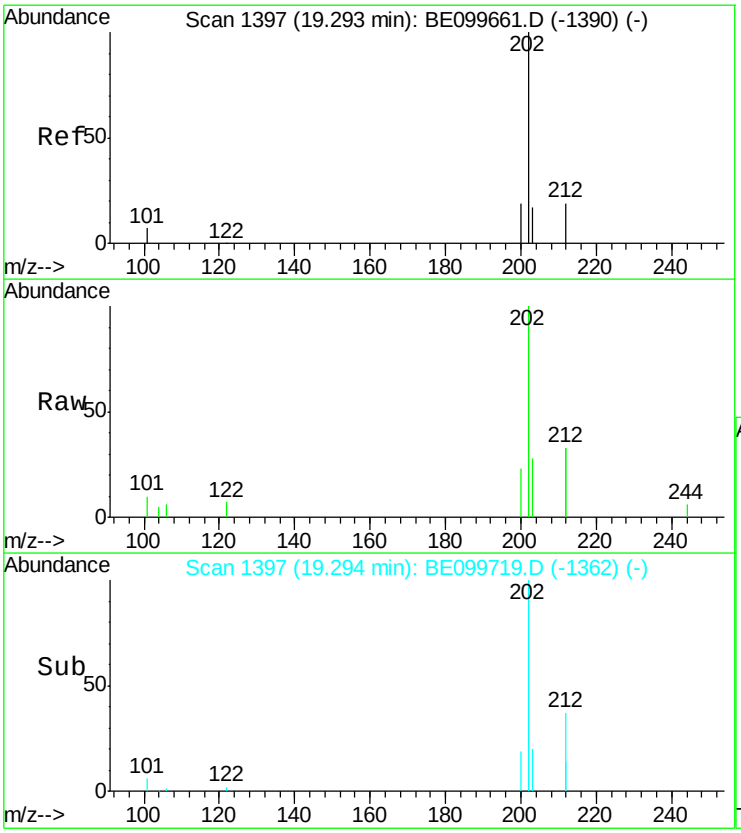
#25
Fluoranthene-d10
Concen: 0.255 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:212 Resp: 38139

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

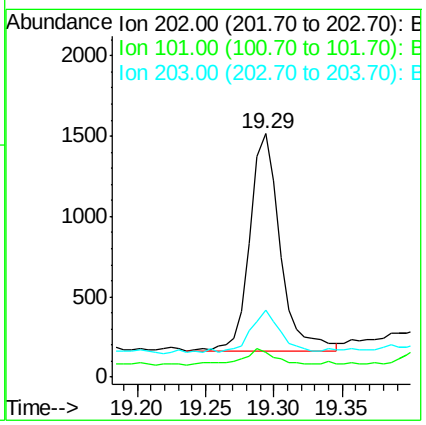


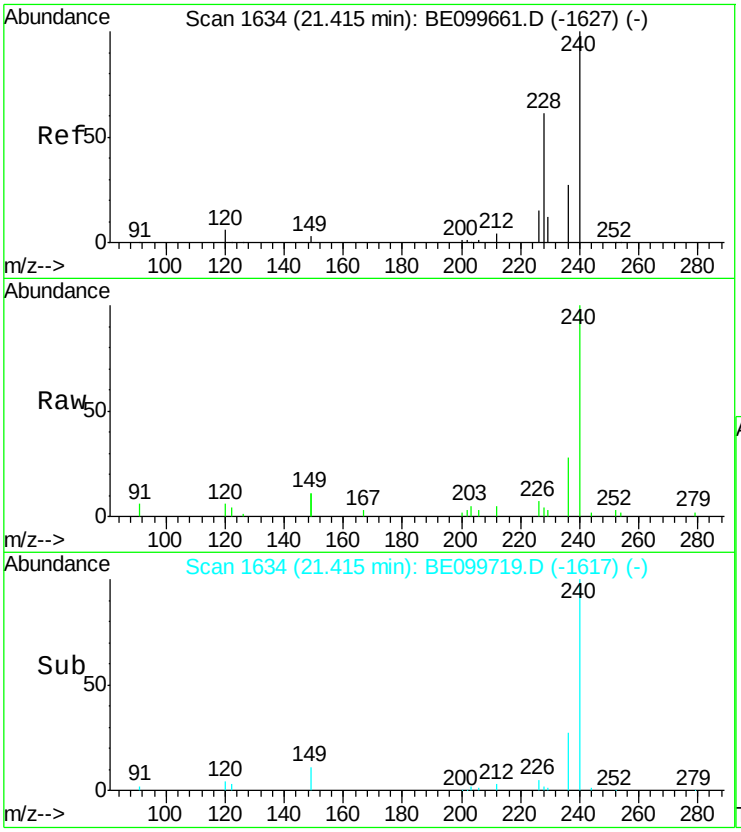


#26
Fluoranthene
Concen: 0.049 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:202 Resp: 2059

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.2	7.8#
203	19.1	13.8	20.6



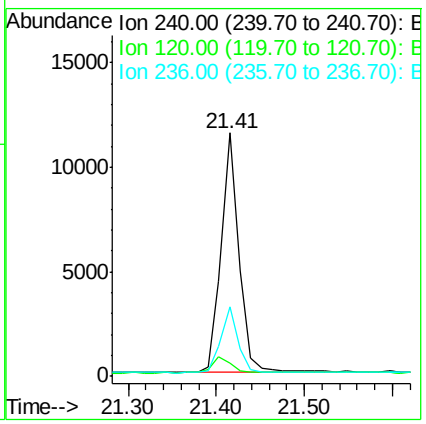


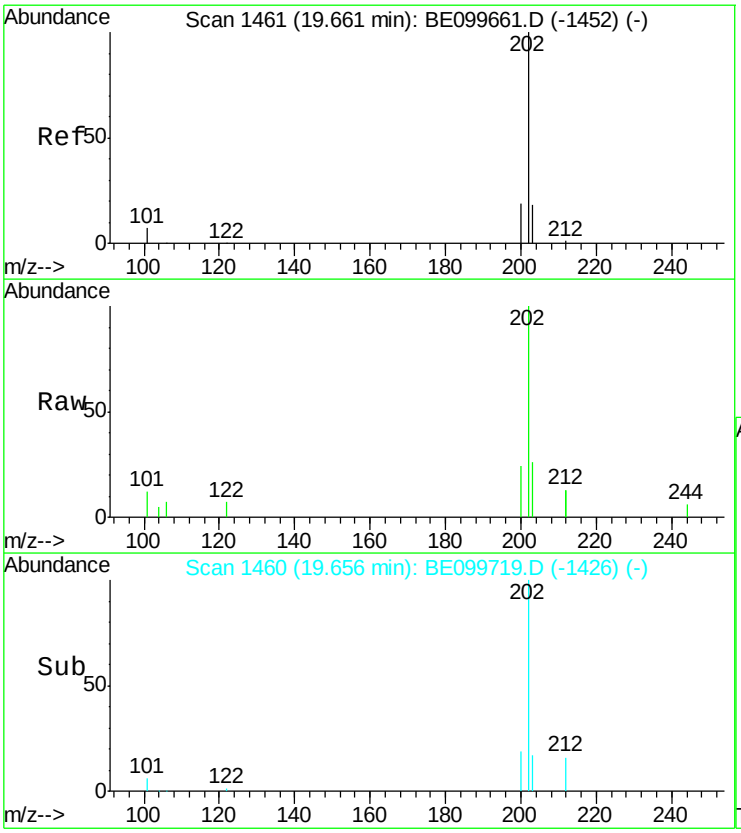
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:240 Resp: 16041

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.4	8.0
236	28.4	21.7	32.5

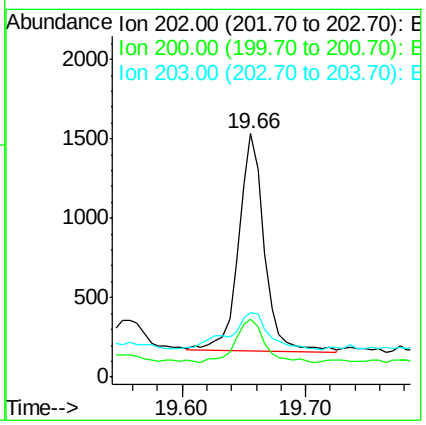


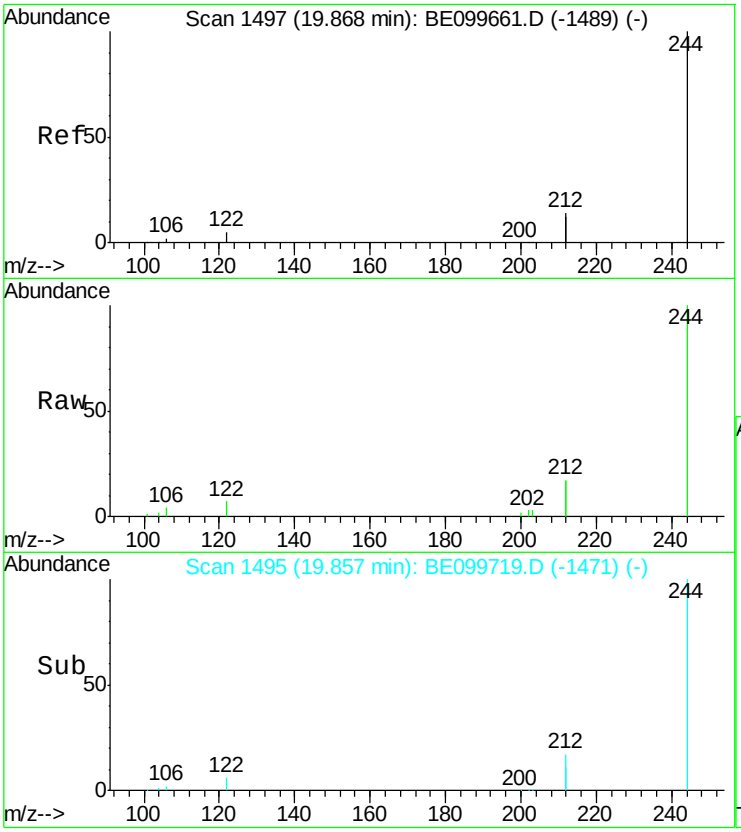


#28
Pyrene
Concen: 0.049 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:202 Resp: 1991

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.4	23.2
203	25.4	13.8	20.8#



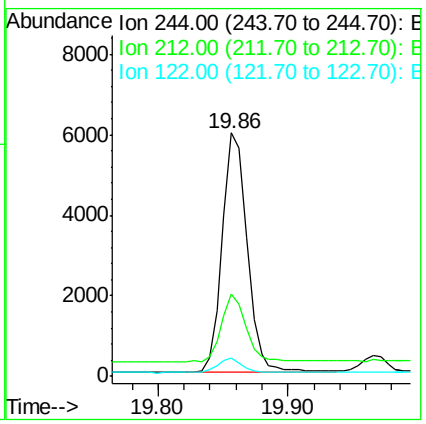


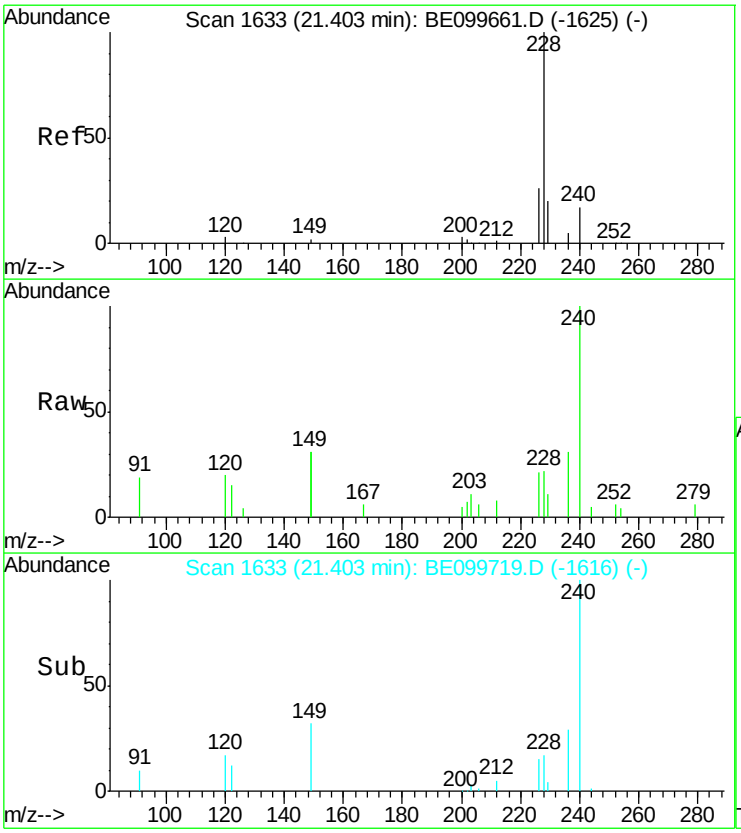
#29
Terphenyl-d14
Concen: 0.278 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:244 Resp: 7962

Ion	Ratio	Lower	Upper
244	100		
212	33.6	22.5	33.7
122	7.3	4.3	6.5#

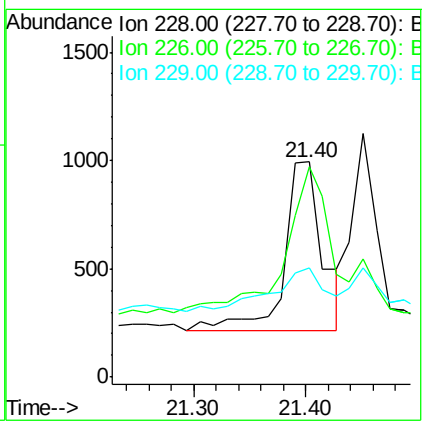


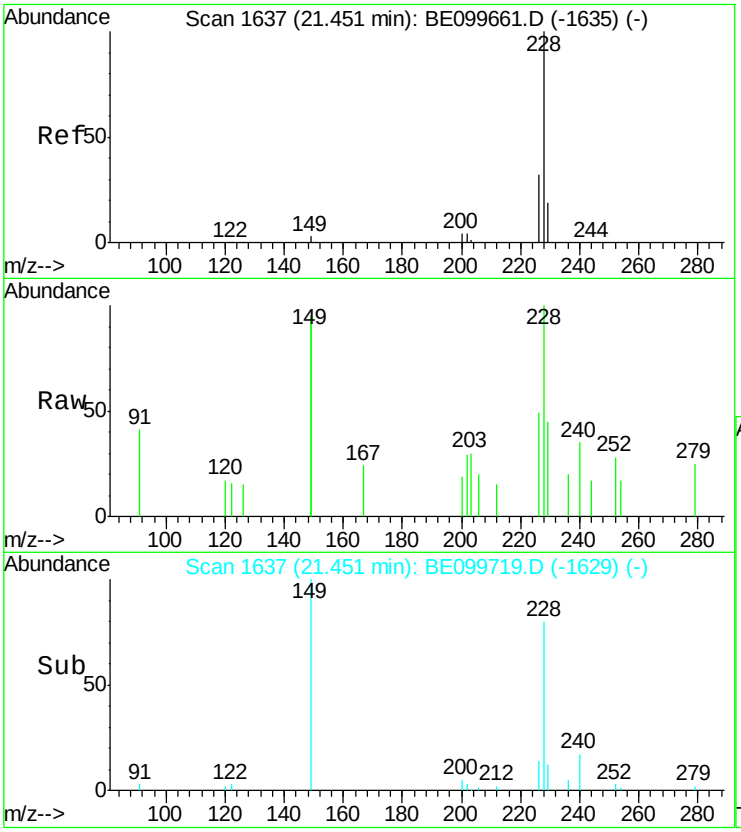


#30
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:228 Resp: 1864

Ion	Ratio	Lower	Upper
228	100		
226	97.9	21.3	31.9#
229	50.9	16.1	24.1#



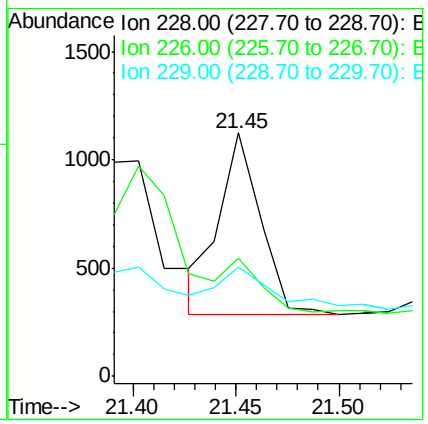


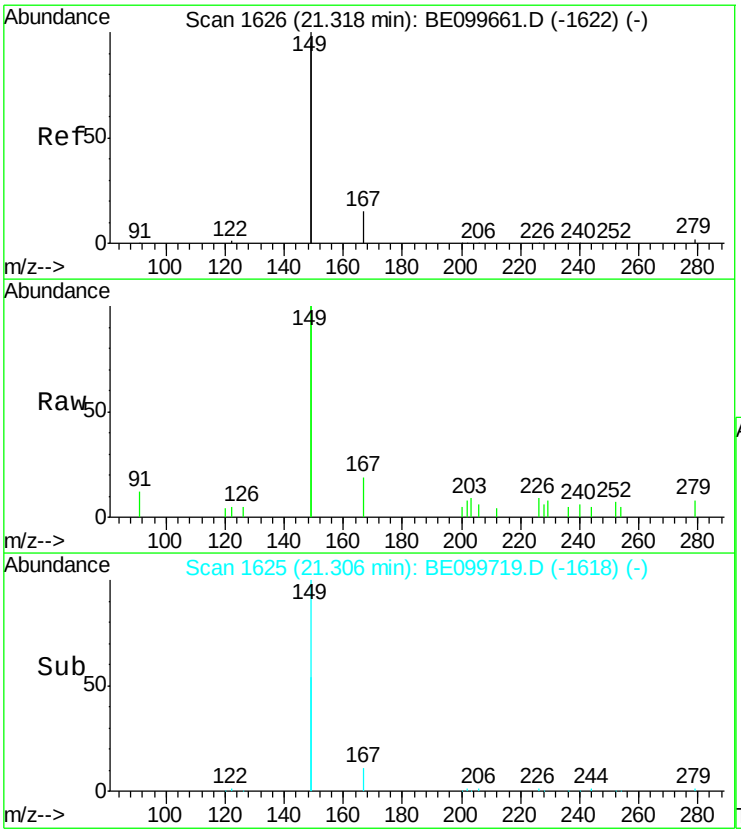
#31
Chrysene
Concen: 0.024 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:228 Resp: 1179

Ion	Ratio	Lower	Upper
228	100		
226	48.7	24.7	37.1#
229	44.9	15.8	23.6#

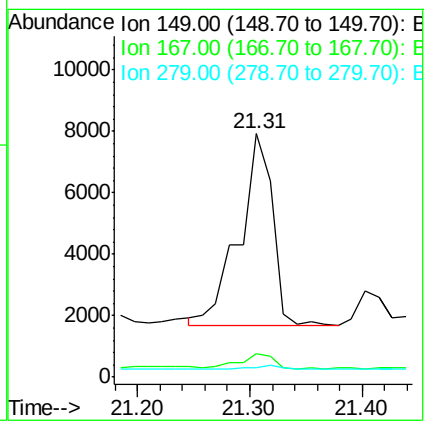


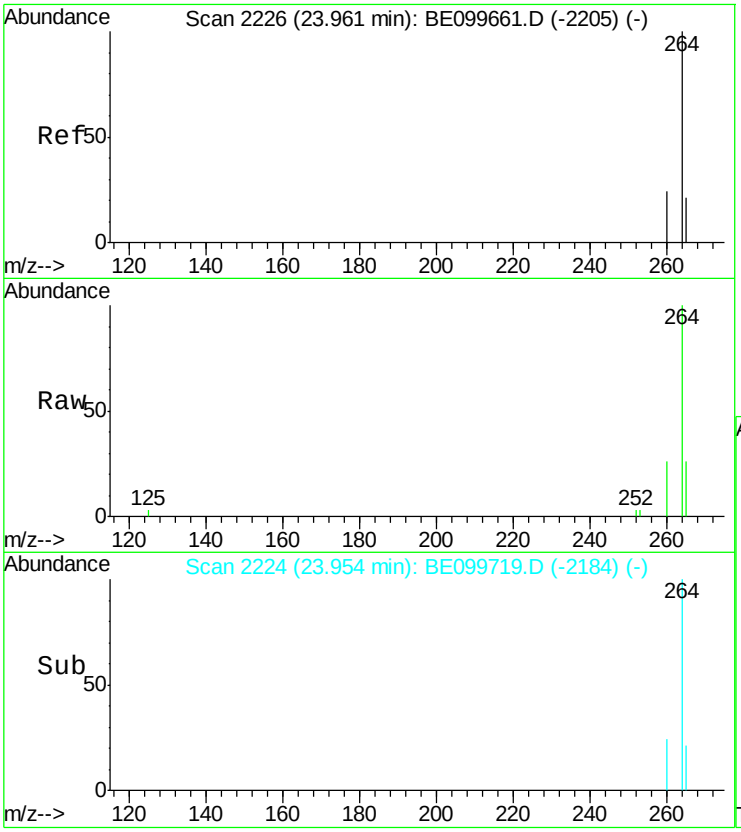


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.247 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:149 Resp: 12985

Ion	Ratio	Lower	Upper
149	100		
167	8.3	6.2	9.4
279	1.7	1.2	1.8



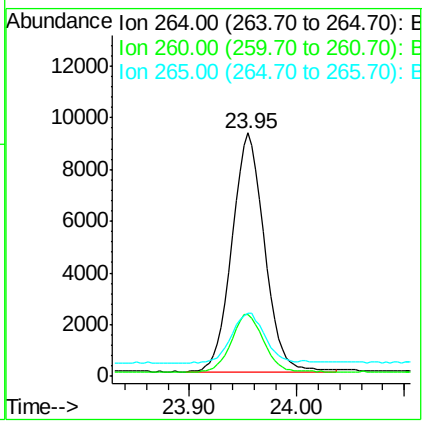


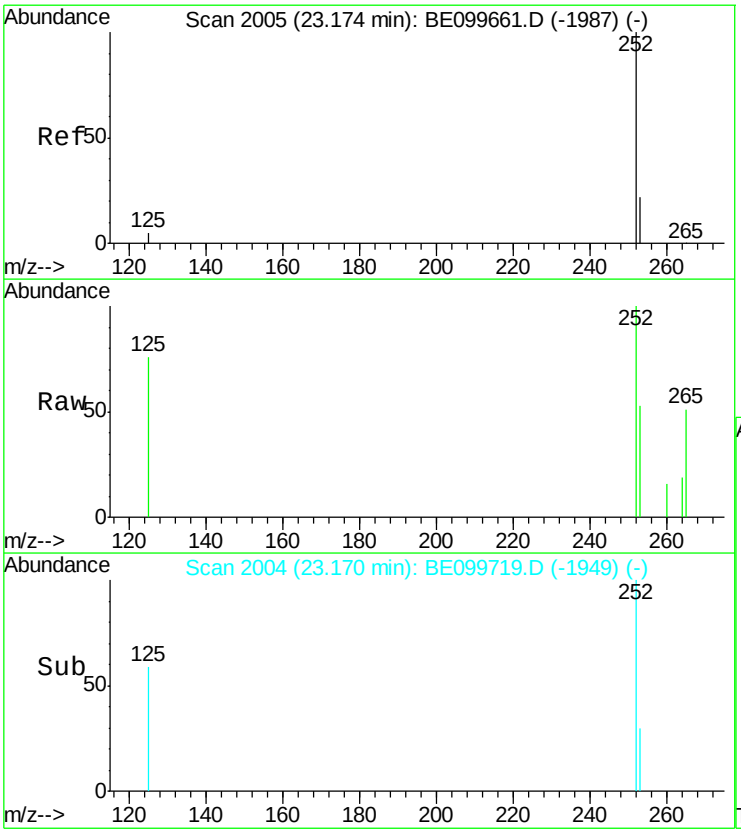
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:264 Resp: 19354

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.6	29.4
265	26.1	19.1	28.7

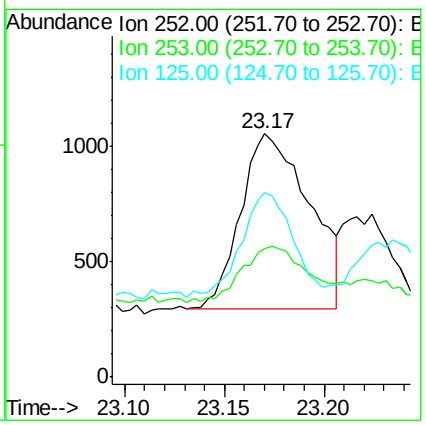


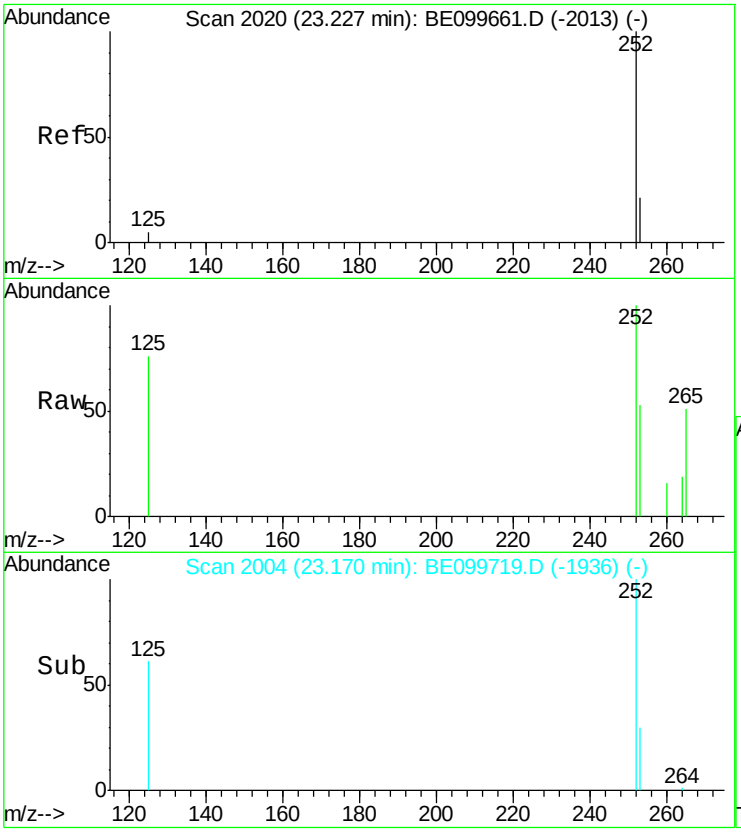


#35
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:252 Resp: 1815

Ion	Ratio	Lower	Upper
252	100		
253	52.6	18.2	27.4#
125	75.9	4.5	6.7#



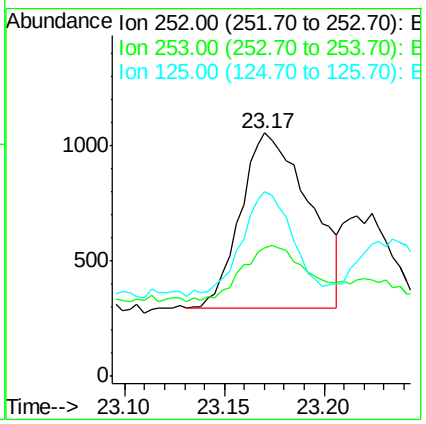


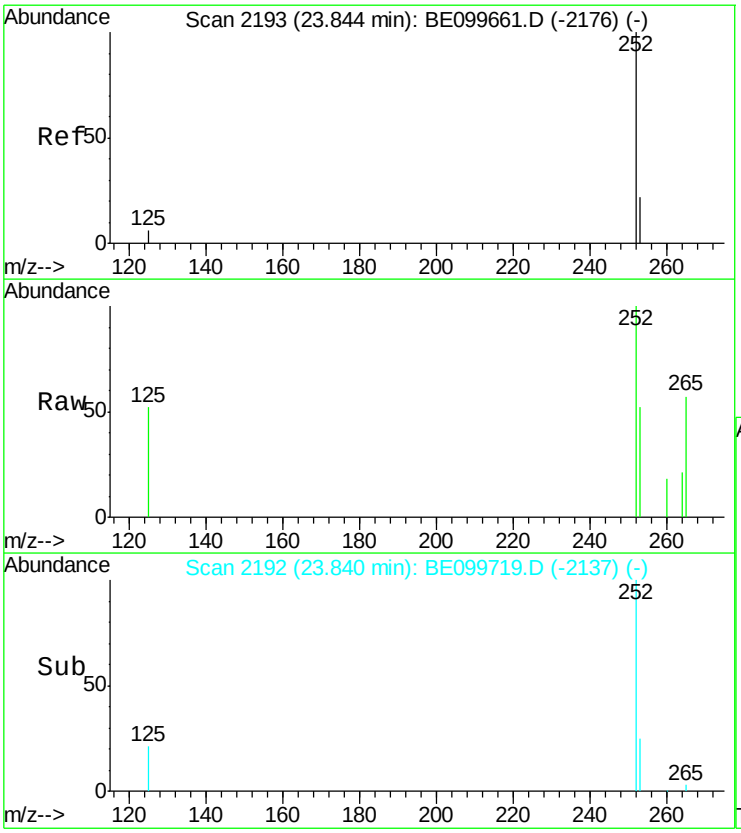
#36
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.06 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:252 Resp: 1815

Ion	Ratio	Lower	Upper
252	100		
253	52.6	17.8	26.8#
125	75.9	4.6	6.8#

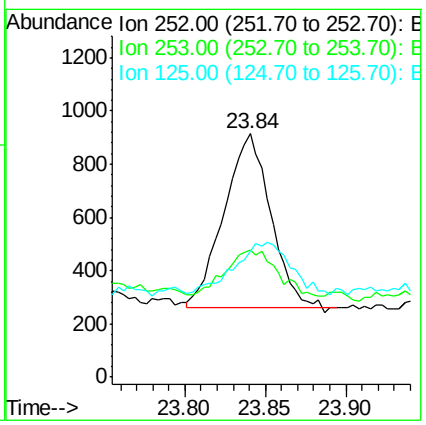


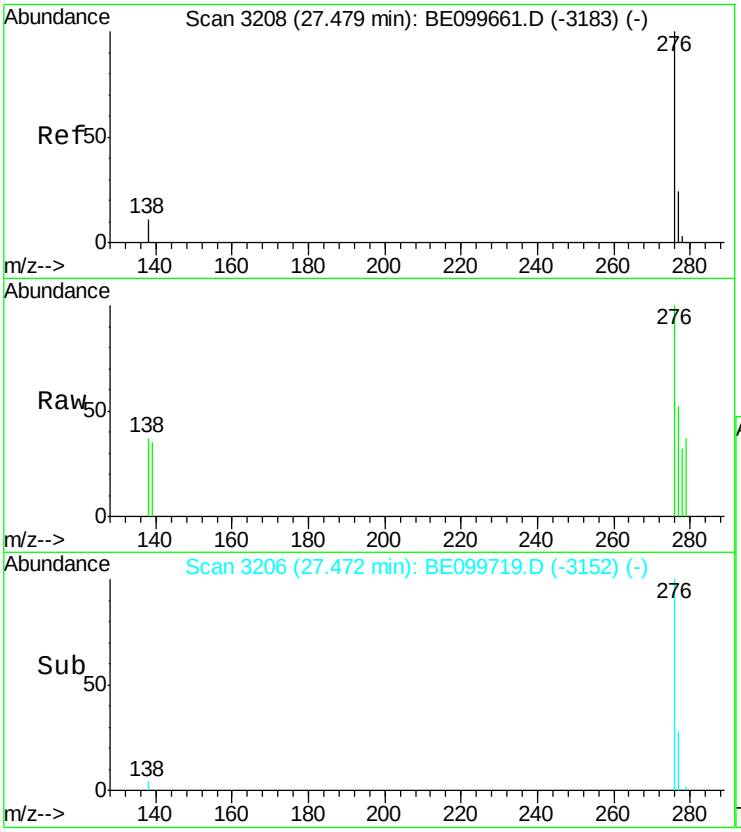


#37
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Tgt Ion:252 Resp: 1313

Ion	Ratio	Lower	Upper
252	100		
253	52.3	18.9	28.3#
125	51.8	5.4	8.0#





#39
Benzo(g,h,i)perylene
Concen: 0.020 ng
RT: 27.47 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE099719.D
Acq: 22 May 2019 14:31

Instrument :
BNA_E
ClientSampleId :
FESB-19(6.5-7)

Tgt Ion:276 Resp: 1100

Ion	Ratio	Lower	Upper
276	100		
277	51.7	19.8	29.6#
138	36.5	9.2	13.8#