Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052119\

Quantitation Report (Not Reviewed)

Data File : BE099698.D
Acq On : 21 May 2019 20:34
Operator : JU/SJ
Sample : K2906-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-10(8-8.5)

Quant Time: May 22 08:17:28 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	1522	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5181	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3629	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10584	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15845	0.40	ng	0.00
34) Perylene-d12	23.95	264	19747	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1310	0.34	ng	0.00
5) Phenol-d6	6.97	99	1730	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	1345	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2853	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	670	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4145	0.30	ng	0.00
25) Fluoranthene-d10	19.27	212	42577	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	8976	0.32	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.63	42	28	0.023	ng	# 54
22) Pentachlorophenol	16.92	266	22	0.192	ng	# 78
26) Fluoranthene	19.29	202	2397	0.059	ng	# 97
28) Pyrene	19.66	202	2236	0.056	ng	# 96
30) Benzo(a)anthracene	21.40	228	1570	0.035	ng	# 82
31) Chrysene	21.45	228	1416	0.029	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.32	149	9273	0.179	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	1203	0.021	ng	# 81
35) Benzo(b)fluoranthene	23.18	252	2426	0.045	ng	# 34
36) Benzo(k)fluoranthene	23.18	252	2426	0.043	ng	# 33
37) Benzo(a)pyrene	23.84	252	1568	0.030	ng	# 24
39) Benzo(g,h,i)perylene	27.48	276	1261	0.023	ng	# 76

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

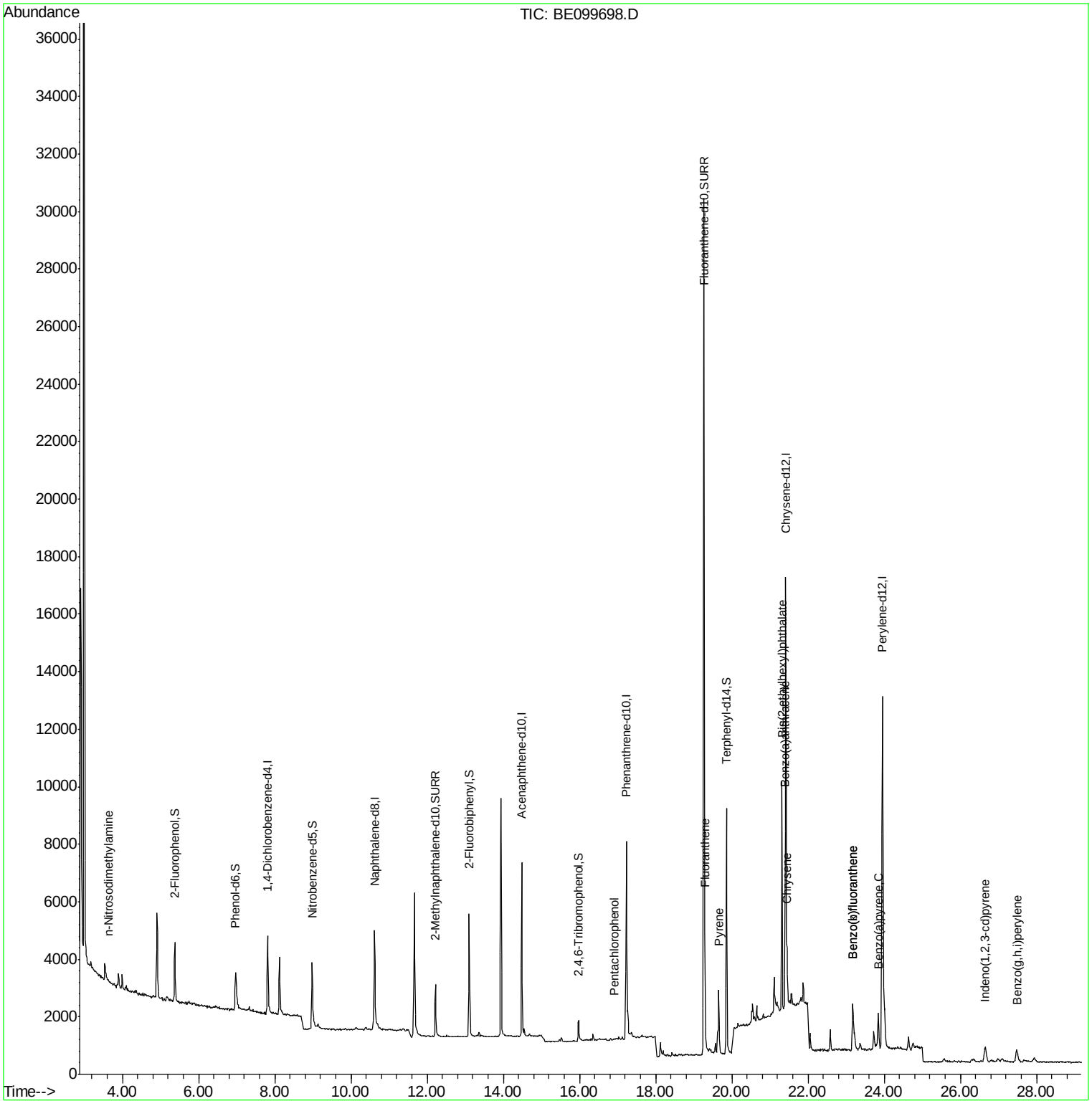
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052119\

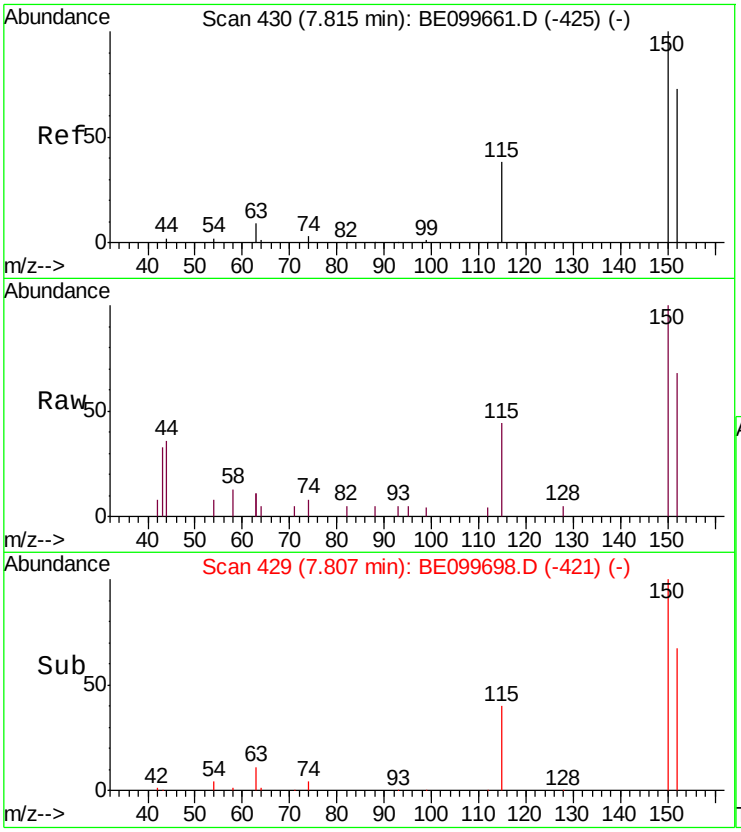
Quantitation Report (Not Reviewed)

Data File : BE099698.D
Acq On : 21 May 2019 20:34
Operator : JU/SJ
Sample : K2906-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-10(8-8.5)

Quant Time: May 22 08:17:28 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



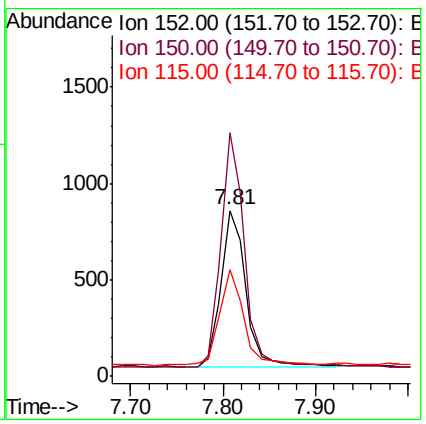


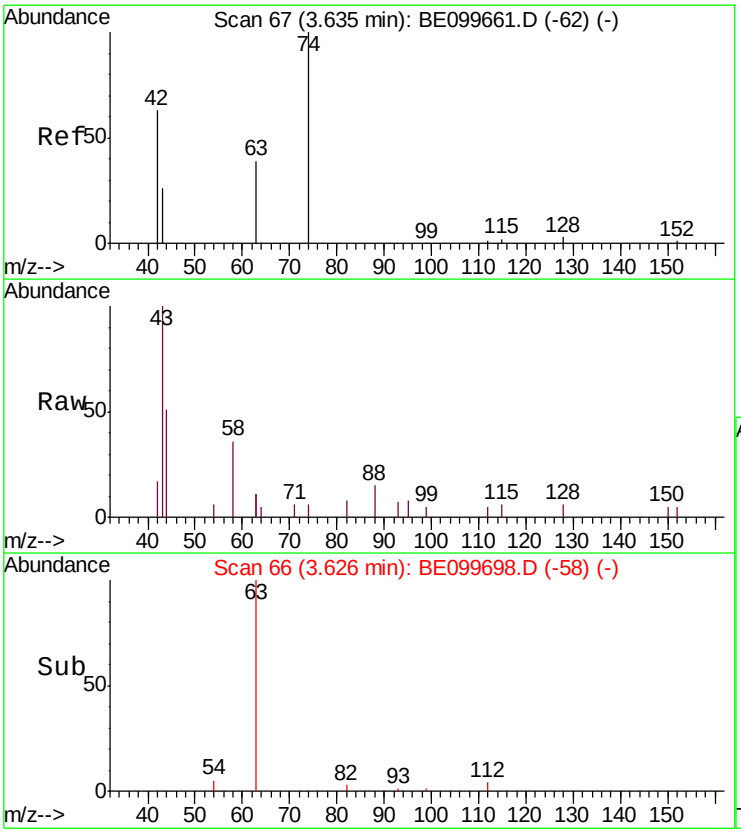
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:152 Resp: 1522

Ion	Ratio	Lower	Upper
152	100		
150	146.9	109.2	163.8
115	64.2	43.7	65.5

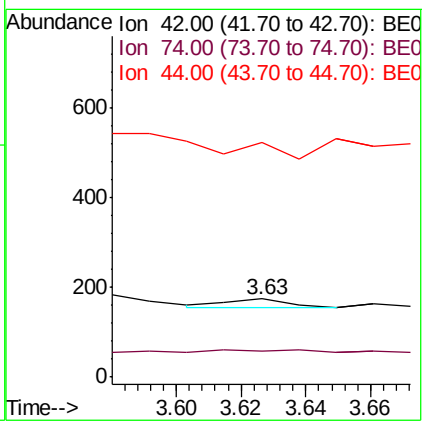


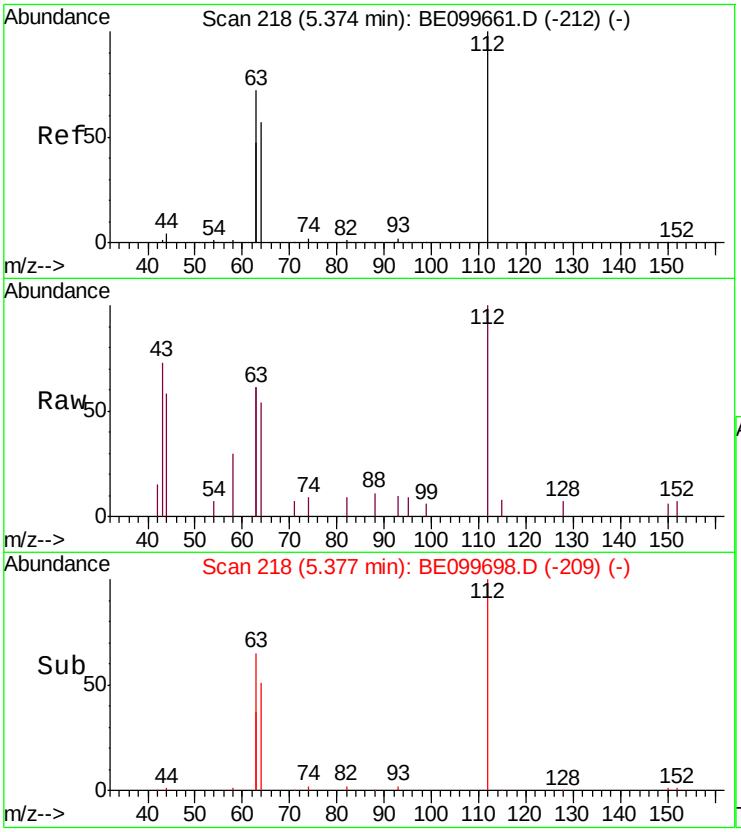


#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion: 42 Resp: 28

Ion	Ratio	Lower	Upper
42	100		
74	100.0	129.2	193.8#
44	0.0	0.0	0.0



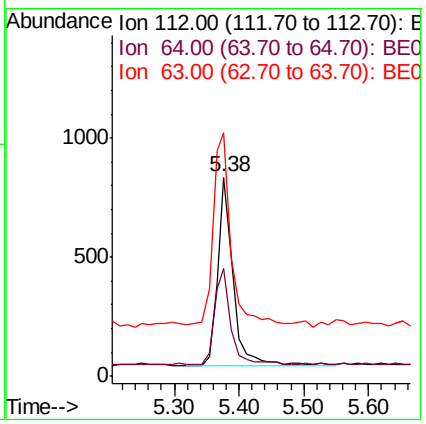


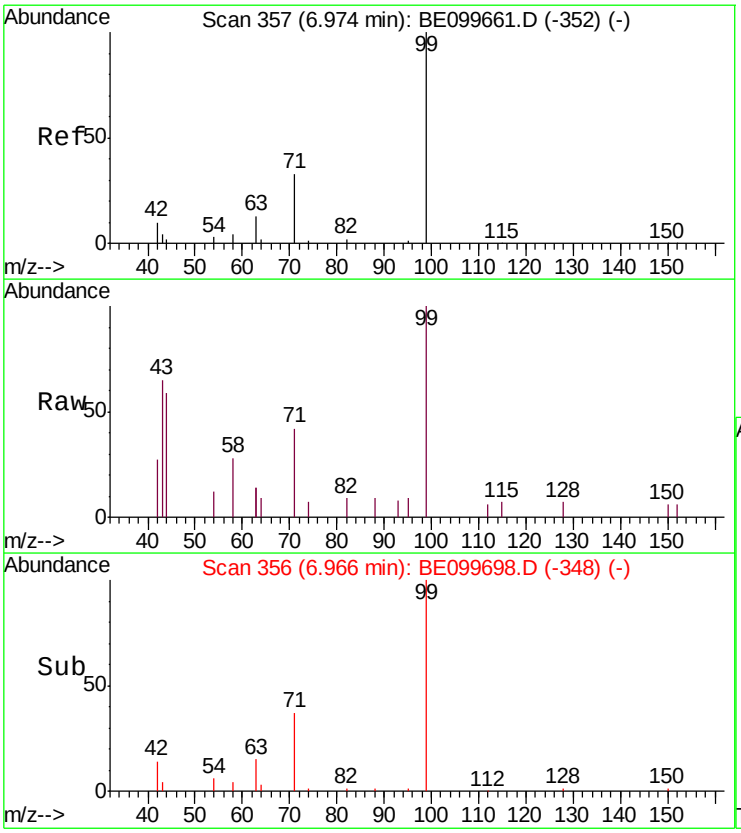
#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:112 Resp: 1310

Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.4	65.2
63	115.7	96.9	145.3

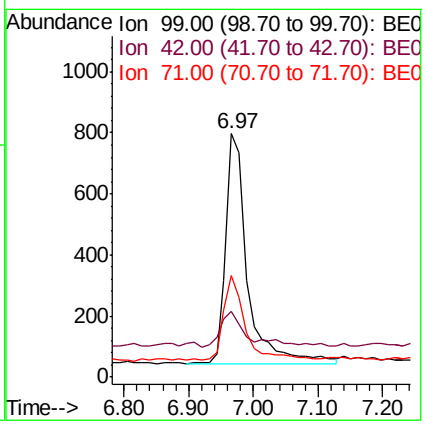


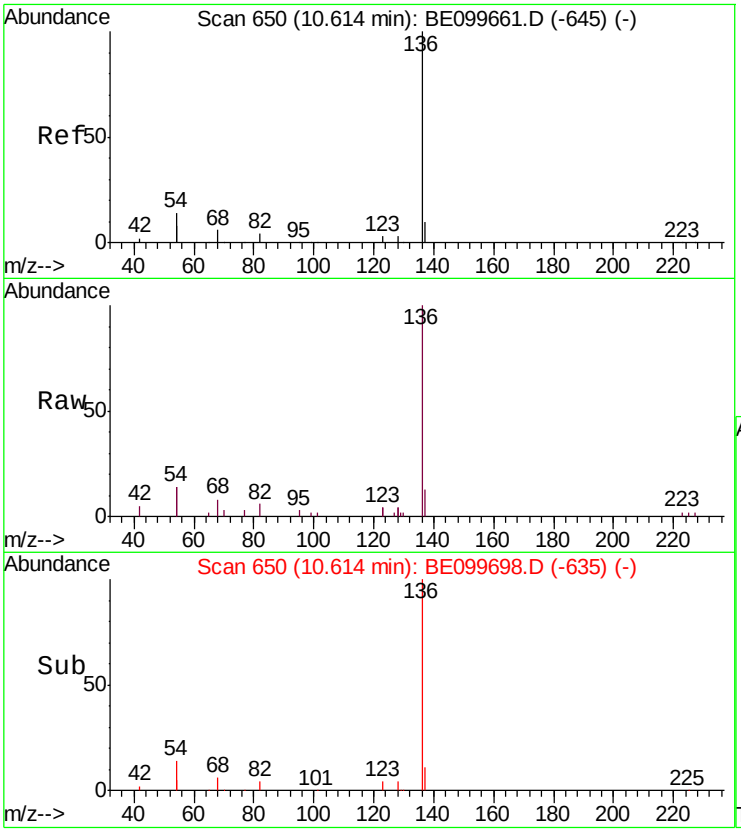


#5
Phenol-d6
Concen: 0.340 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion: 99 Resp: 1730

Ion	Ratio	Lower	Upper
99	100		
42	19.1	12.2	18.2#
71	37.1	28.9	43.3



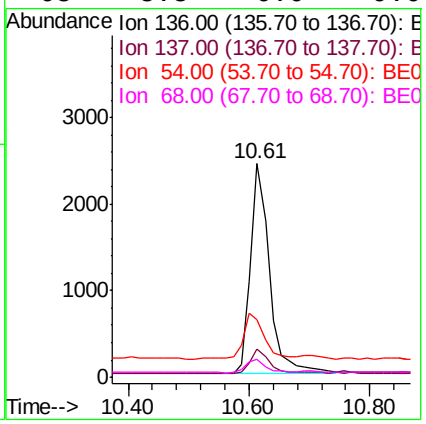


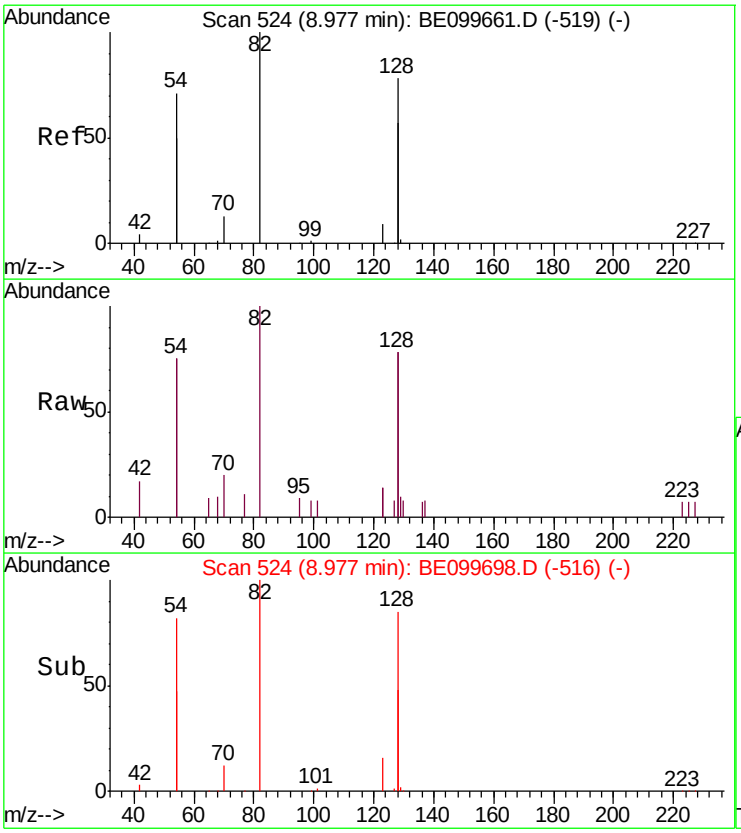
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:136 Resp: 5181

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.0	13.6
54	27.2	22.3	33.5
68	8.3	6.0	9.0

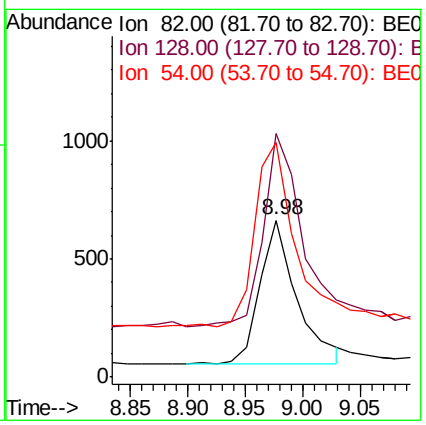


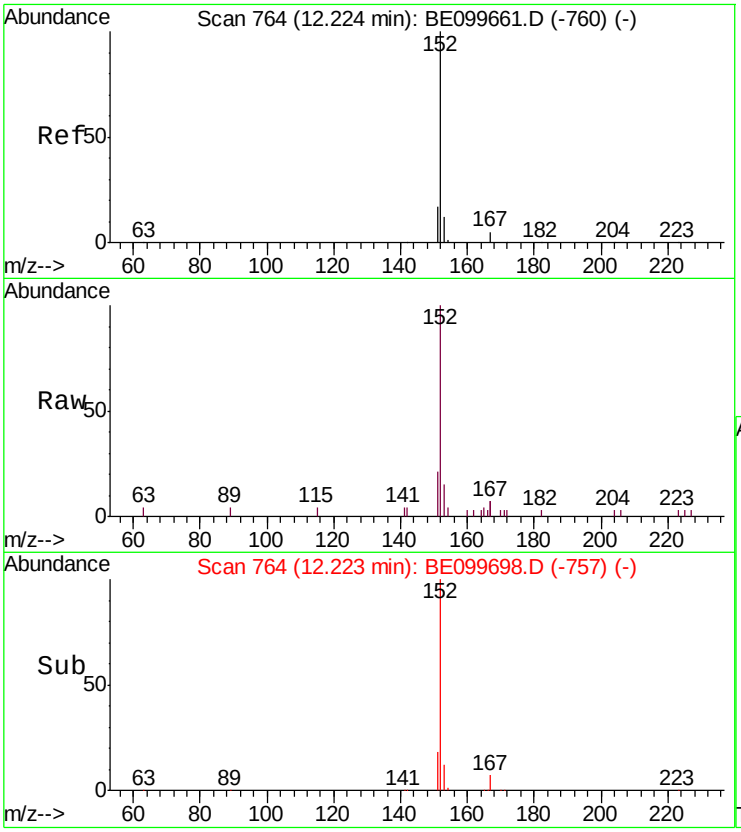


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion: 82 Resp: 1345

Ion	Ratio	Lower	Upper
82	100		
128	155.4	117.7	176.5
54	149.9	106.6	160.0



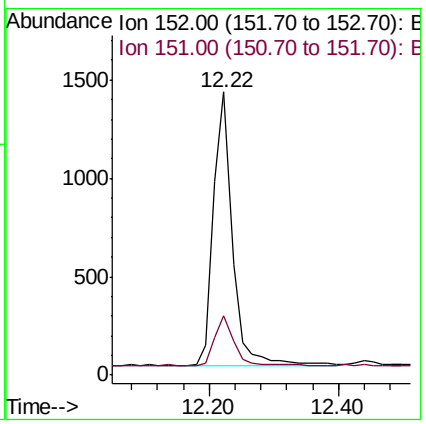


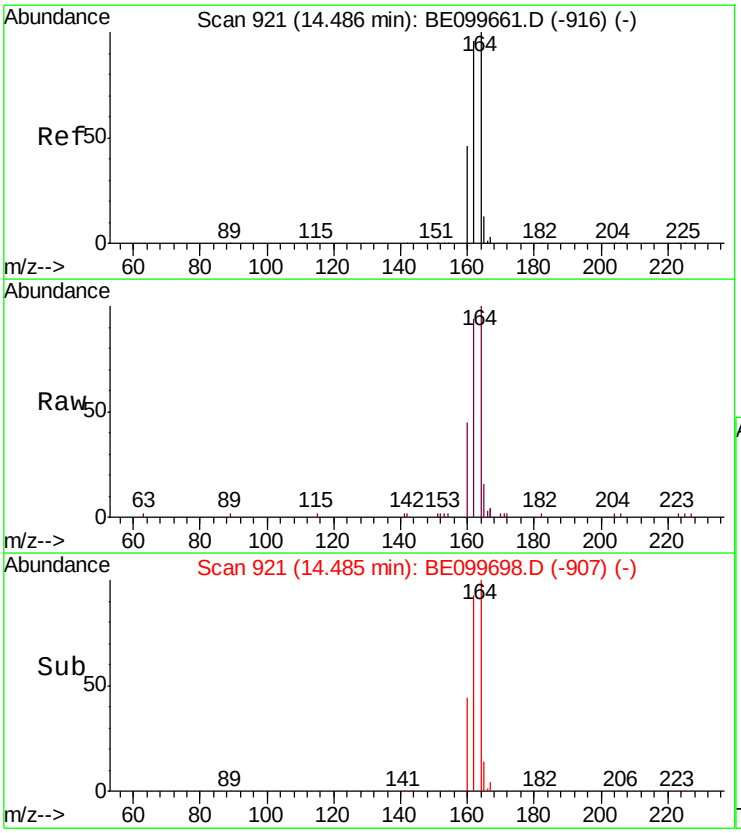
#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:152 Resp: 2853

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.0	22.4

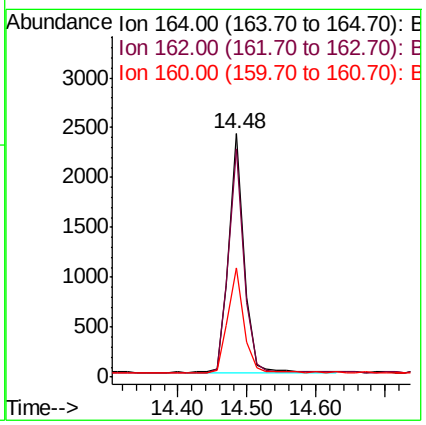


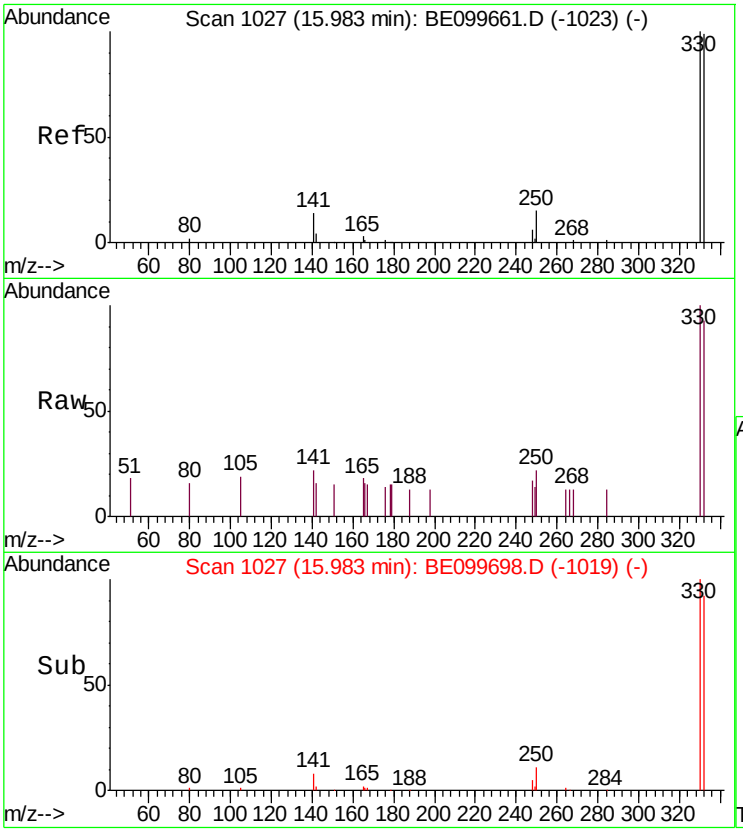


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:164 Resp: 3629

Ion	Ratio	Lower	Upper
164	100		
162	93.6	76.5	114.7
160	44.8	37.4	56.2



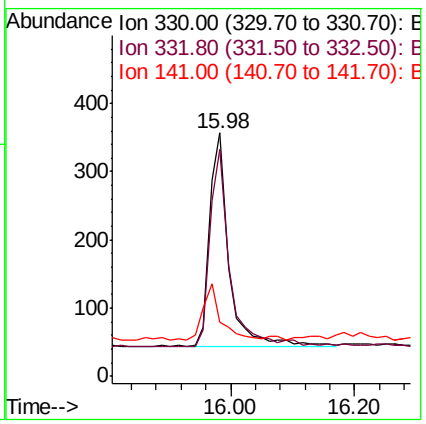


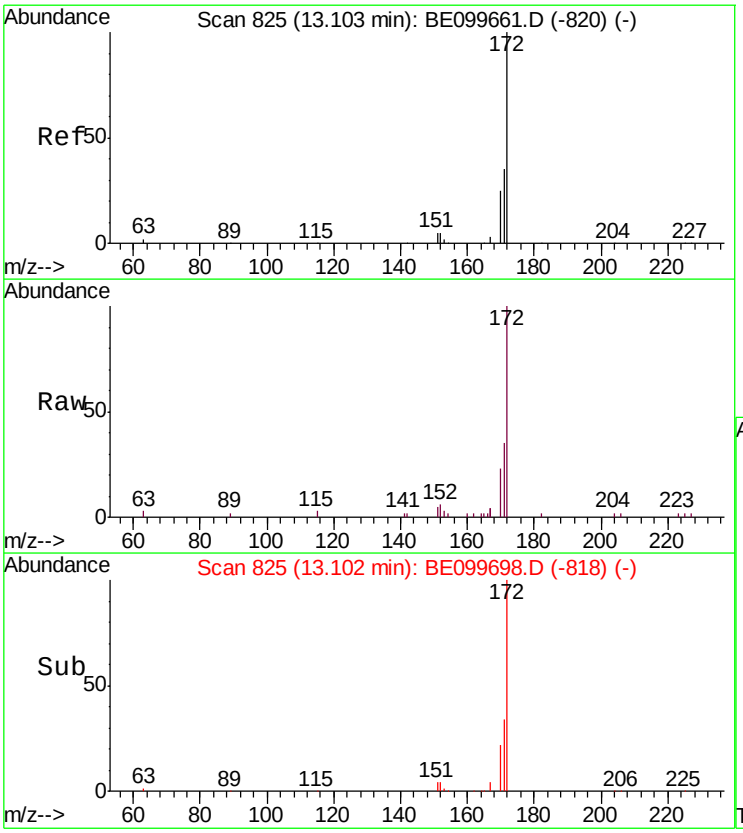
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:330 Resp: 670

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.3	115.9
141	25.7	18.9	28.3

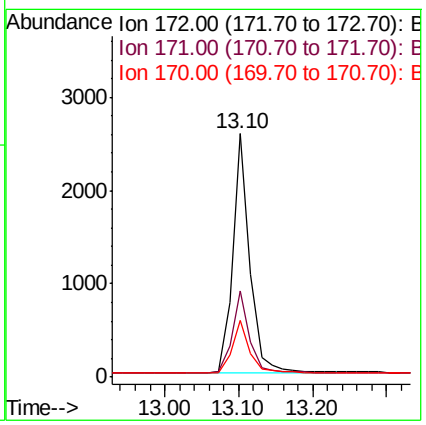


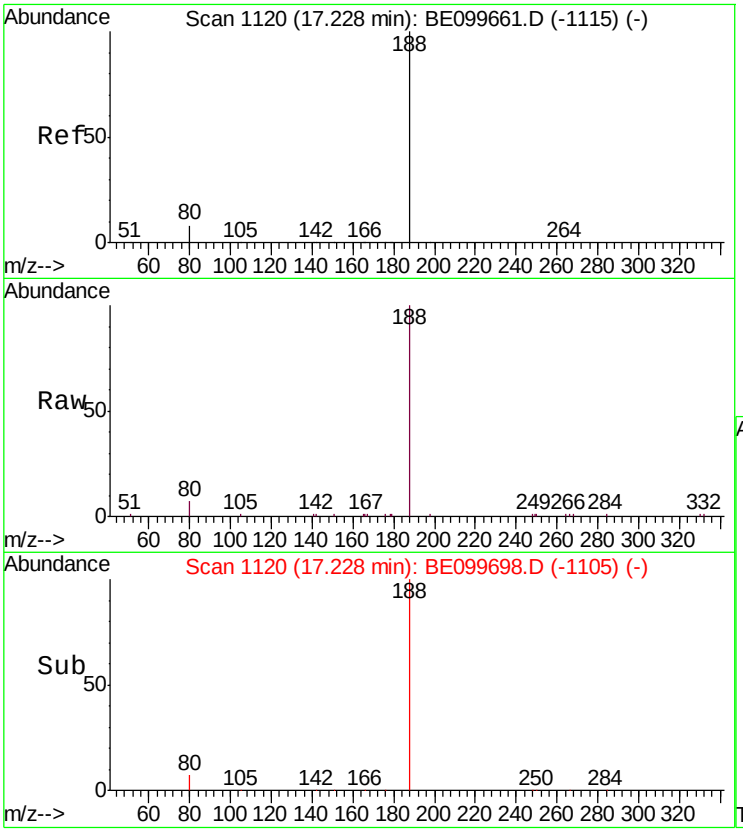


#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:172 Resp: 4145

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.5	20.9	31.3



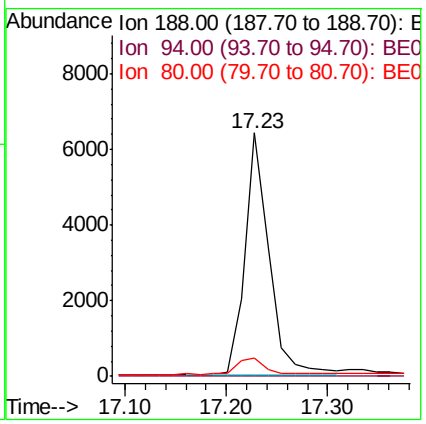


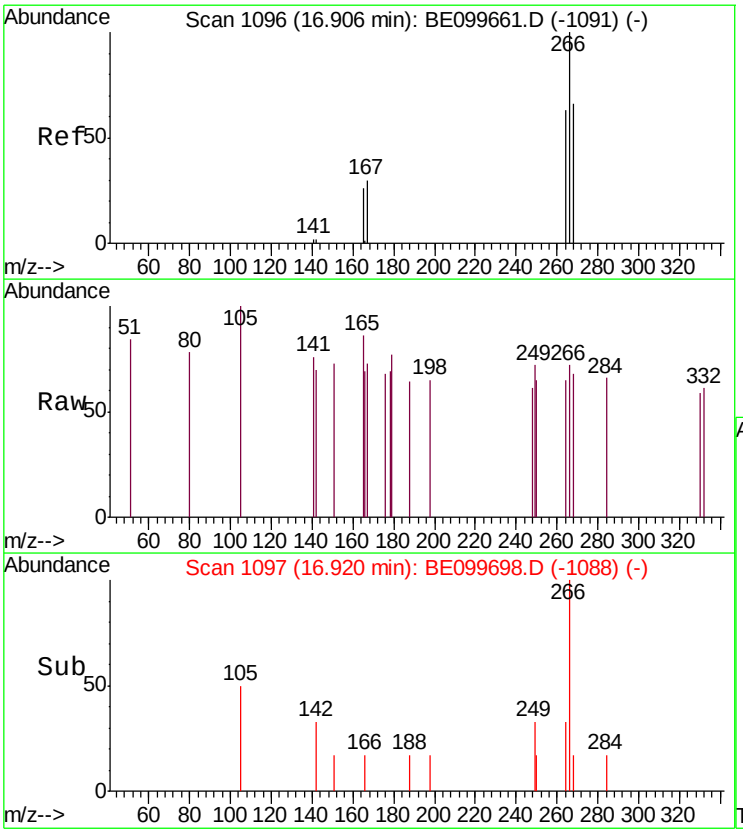
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:188 Resp: 10584

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.7	10.1

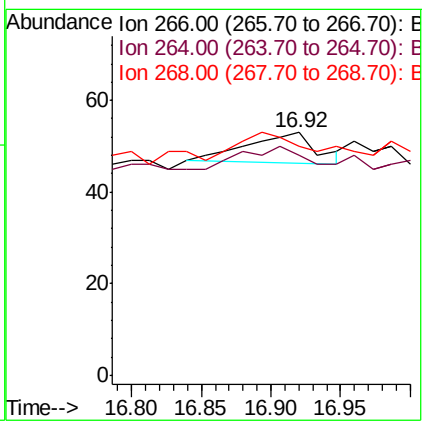


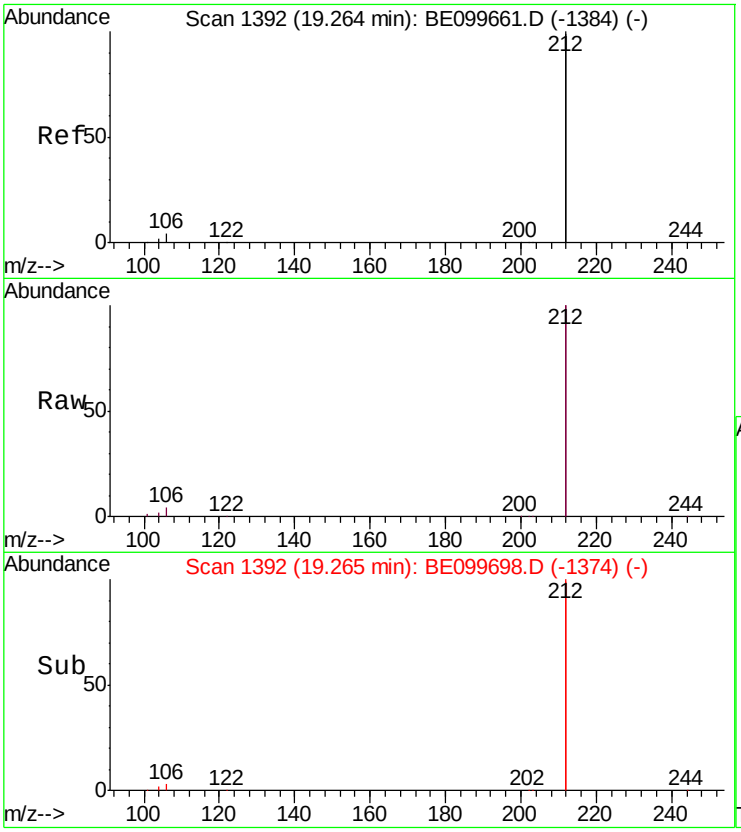


#22
Pentachlorophenol
Concen: 0.192 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	90.6	57.2	85.8#
268	94.3	60.5	90.7#



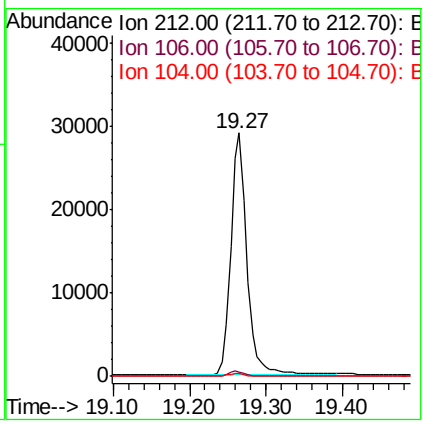


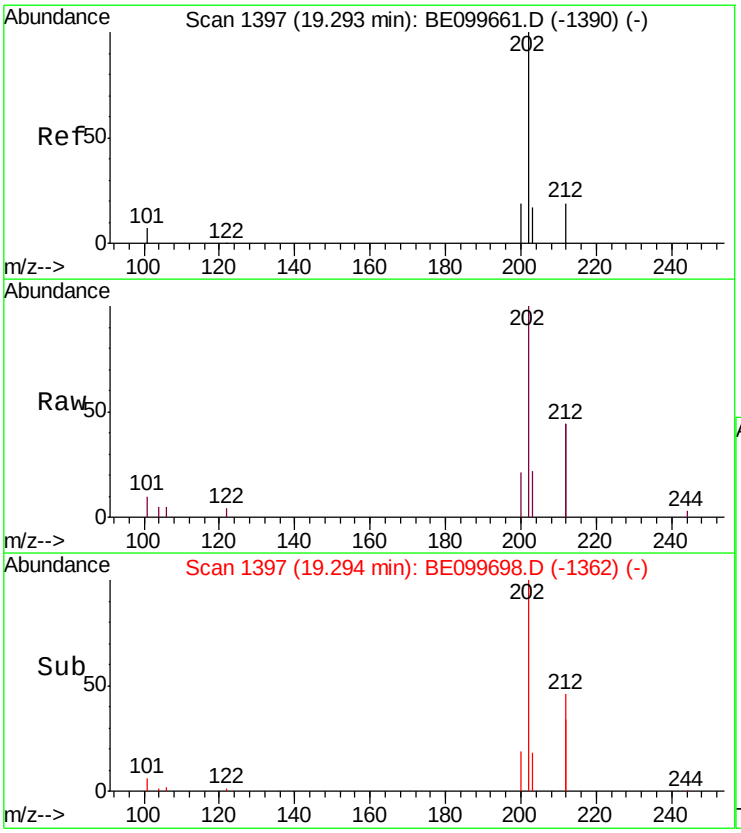
#25
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:212 Resp: 42577

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.4	2.2
104	1.1	0.8	1.2

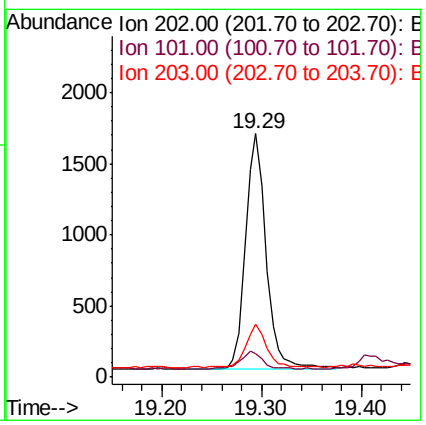


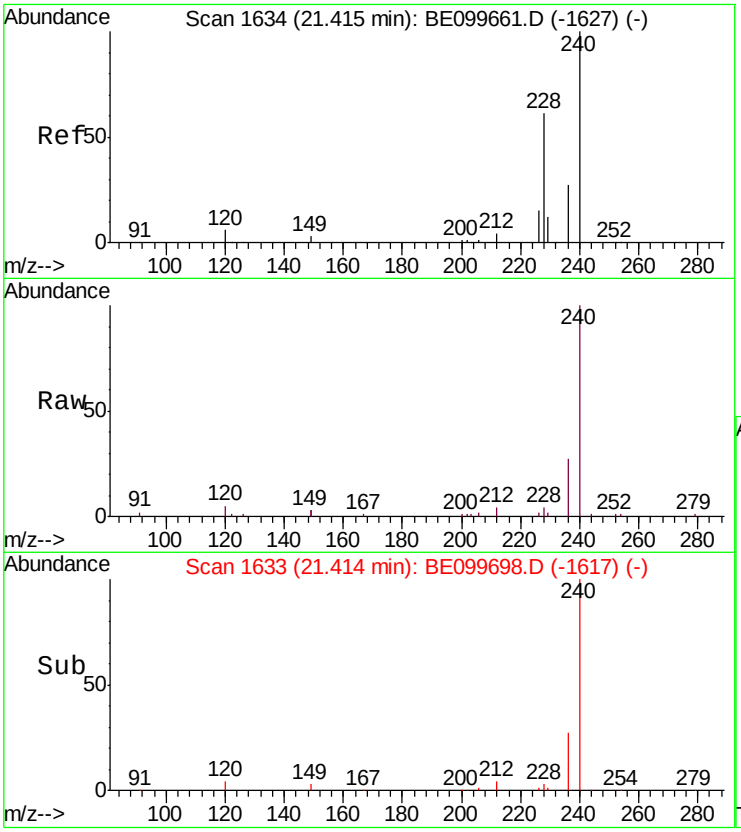


#26
Fluoranthene
Concen: 0.059 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:202 Resp: 2397

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.2	7.8#
203	17.3	13.8	20.6



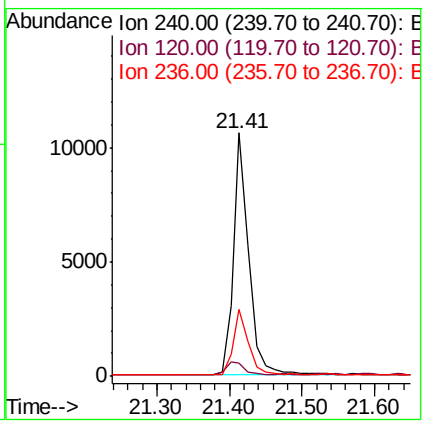


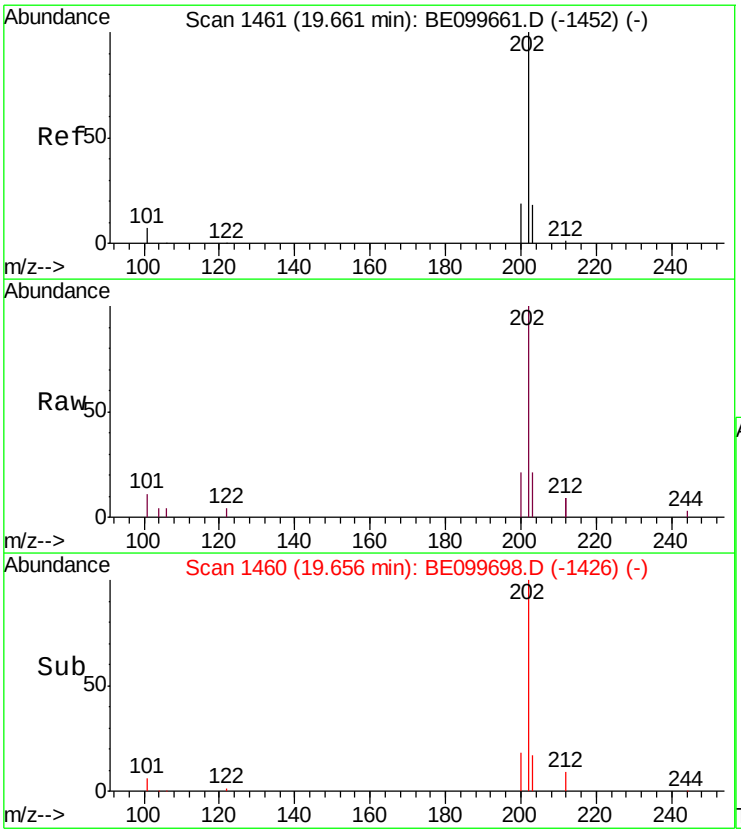
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:240 Resp: 15845

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.4	8.0#
236	27.4	21.7	32.5

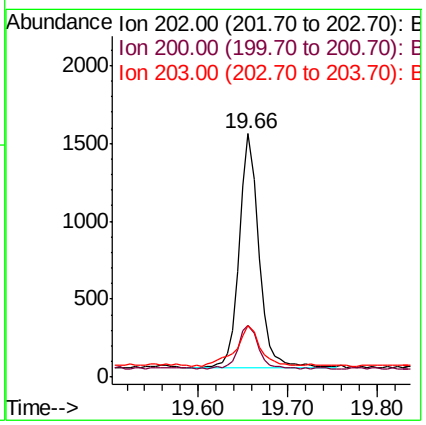


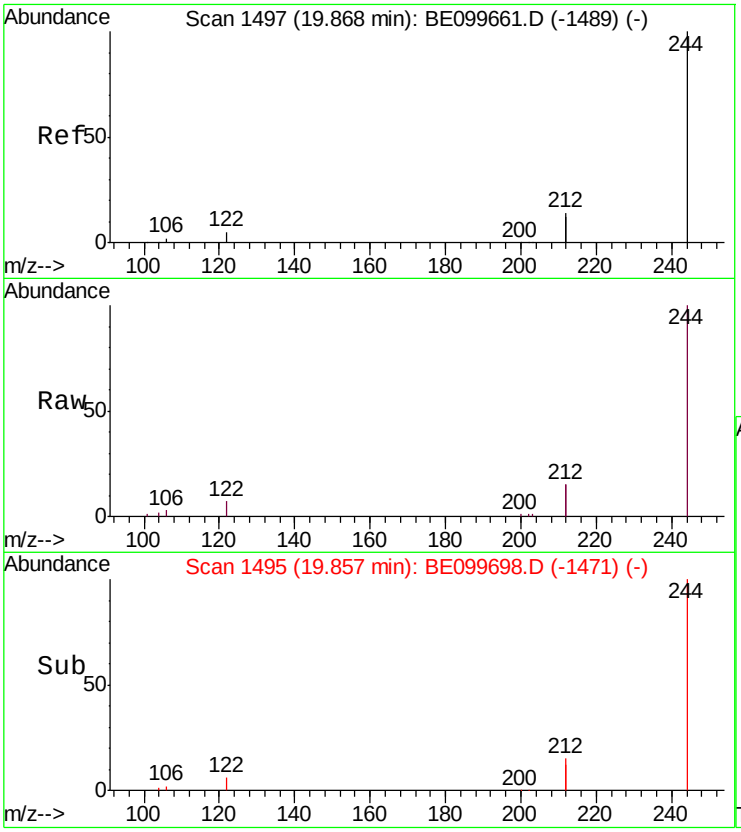


#28
Pyrene
Concen: 0.056 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:202 Resp: 2236

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	20.9	13.8	20.8#



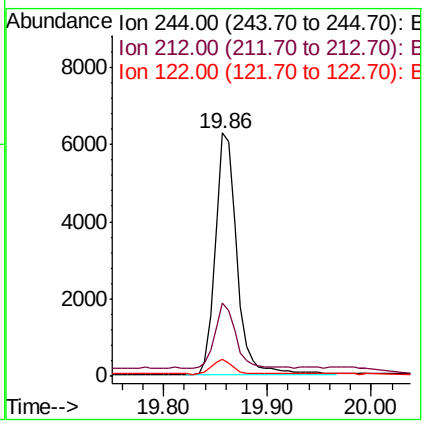


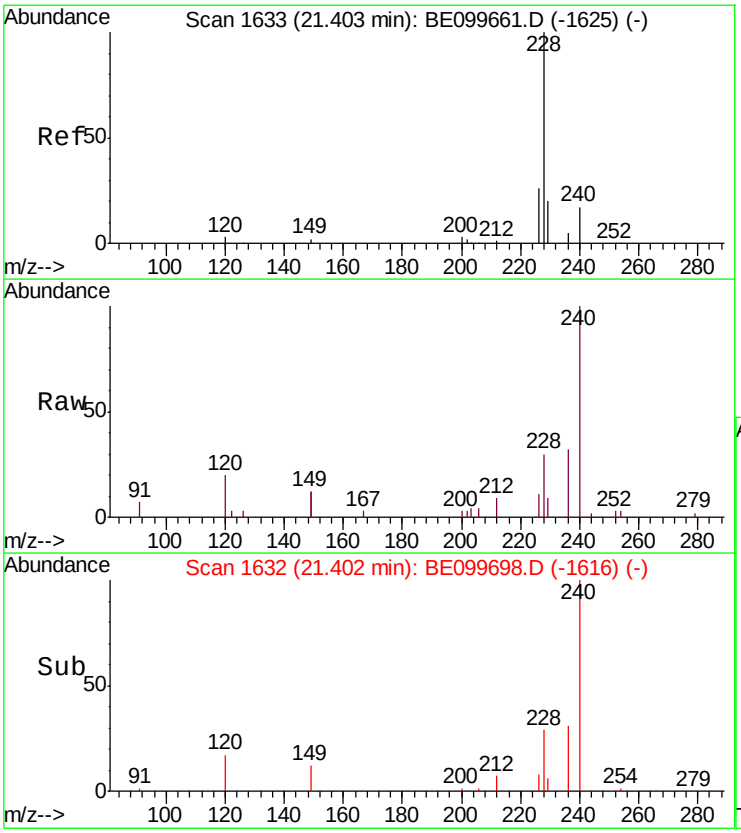
#29
Terphenyl-d14
Concen: 0.317 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:244 Resp: 8976

Ion	Ratio	Lower	Upper
244	100		
212	30.2	22.5	33.7
122	7.1	4.3	6.5#

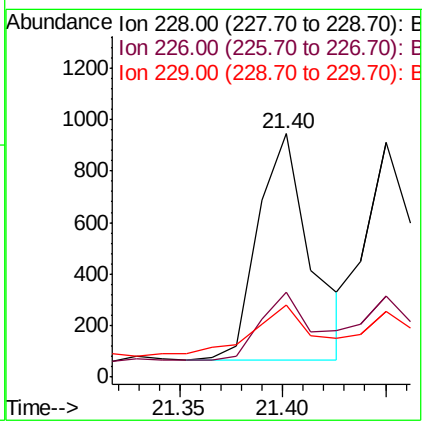


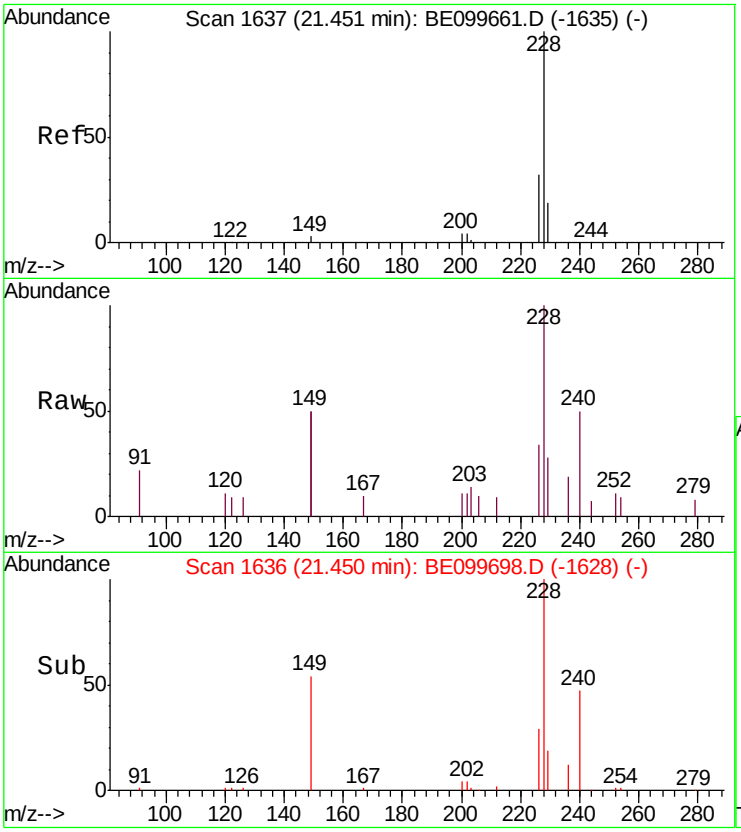


#30
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:228 Resp: 1570

Ion	Ratio	Lower	Upper
228	100		
226	34.9	21.3	31.9#
229	29.4	16.1	24.1#



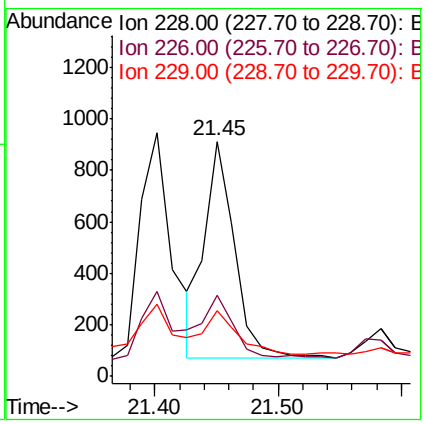


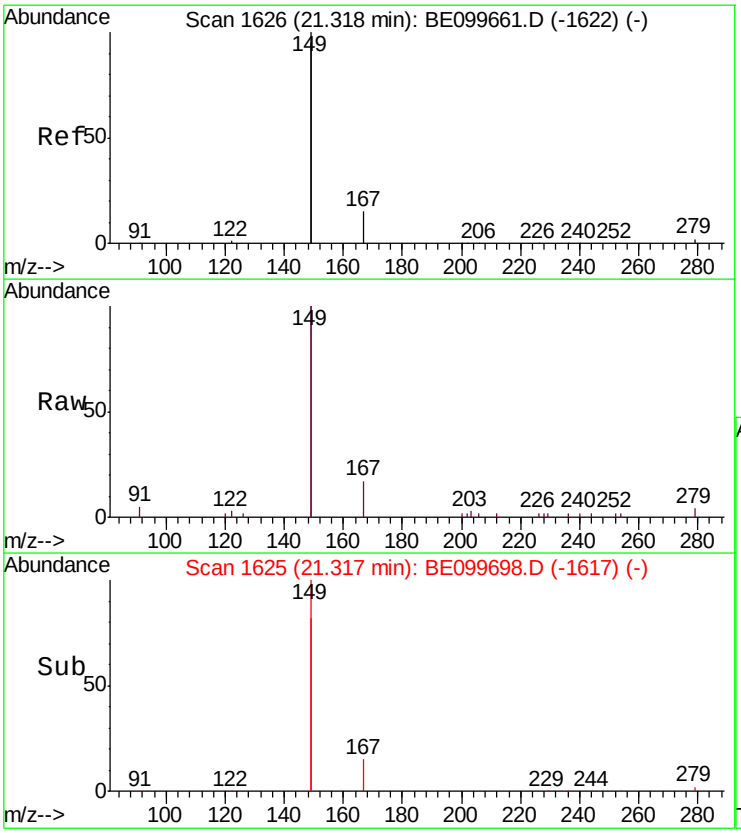
#31
Chrysene
Concen: 0.029 ng
RT: 21.45 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:228 Resp: 1416

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.7	37.1
229	27.8	15.8	23.6#

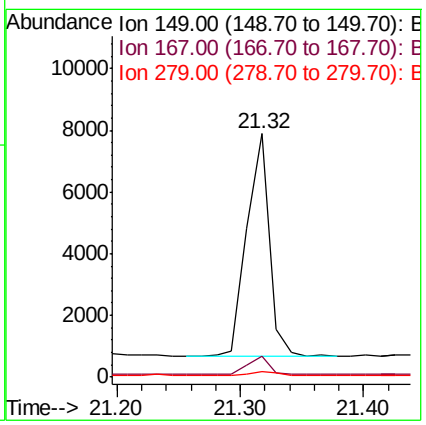


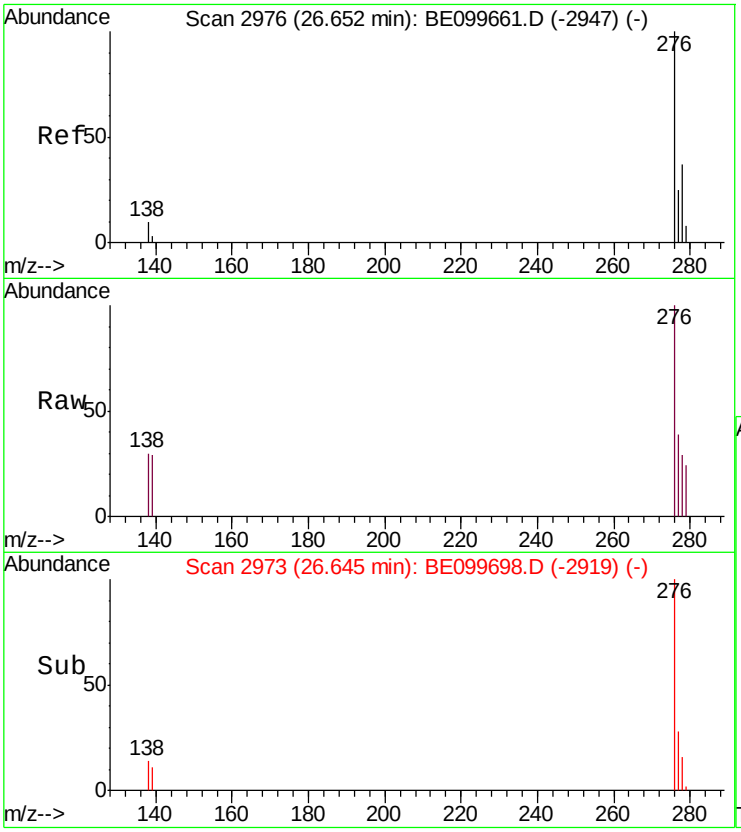


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.179 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:149 Resp: 9273

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.7	1.2	1.8



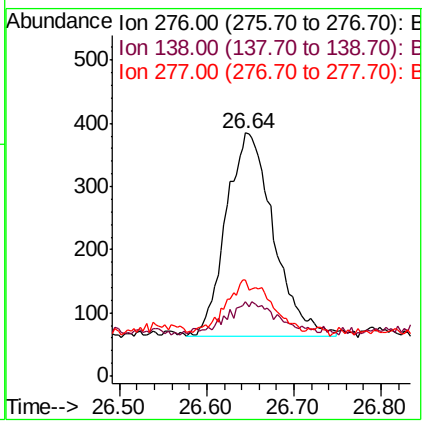


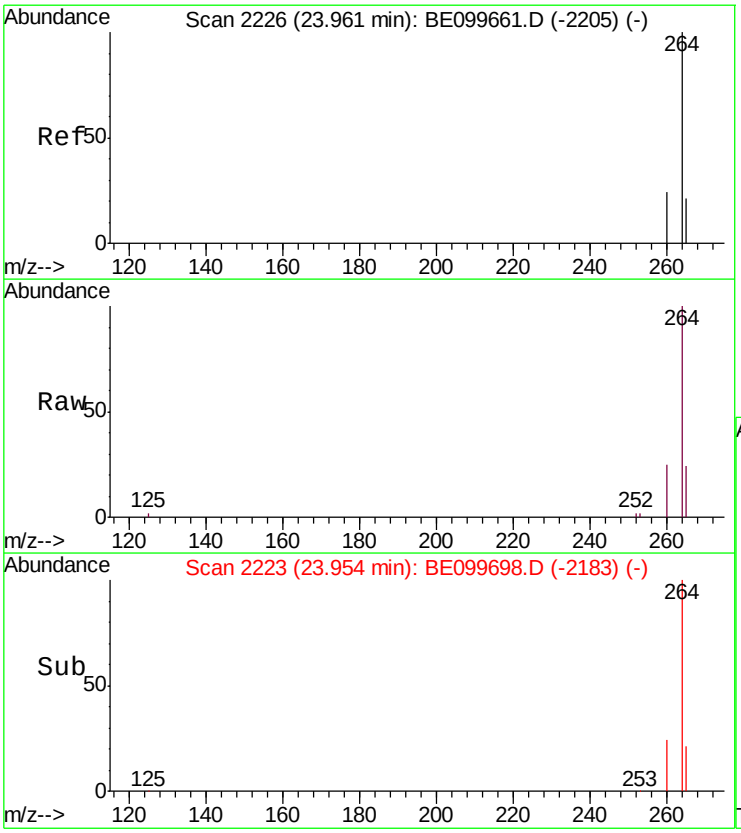
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 26.64 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:276 Resp: 1203

Ion	Ratio	Lower	Upper
276	100		
138	6.2	9.6	14.4#
277	14.0	19.2	28.8#

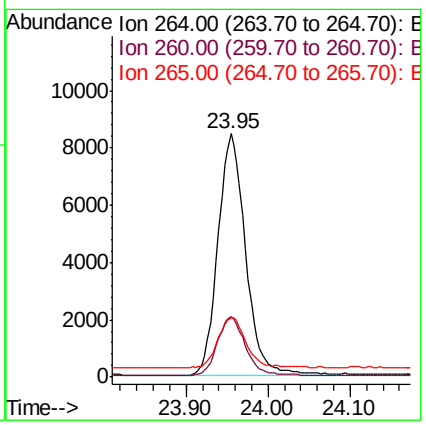


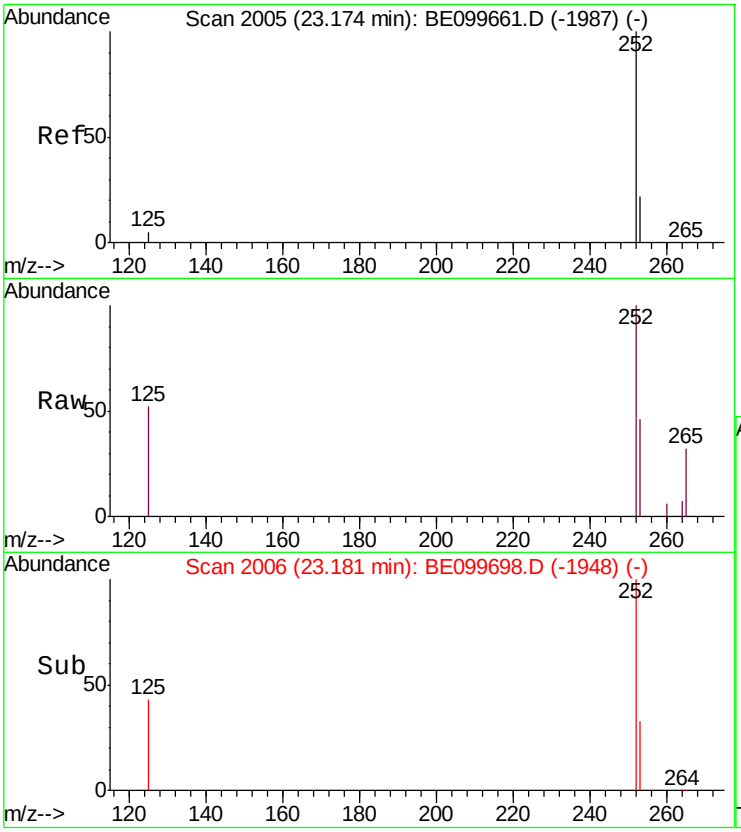


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:264 Resp: 19747

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	24.3	19.1	28.7



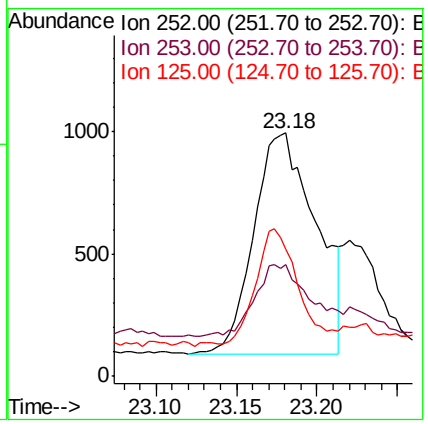


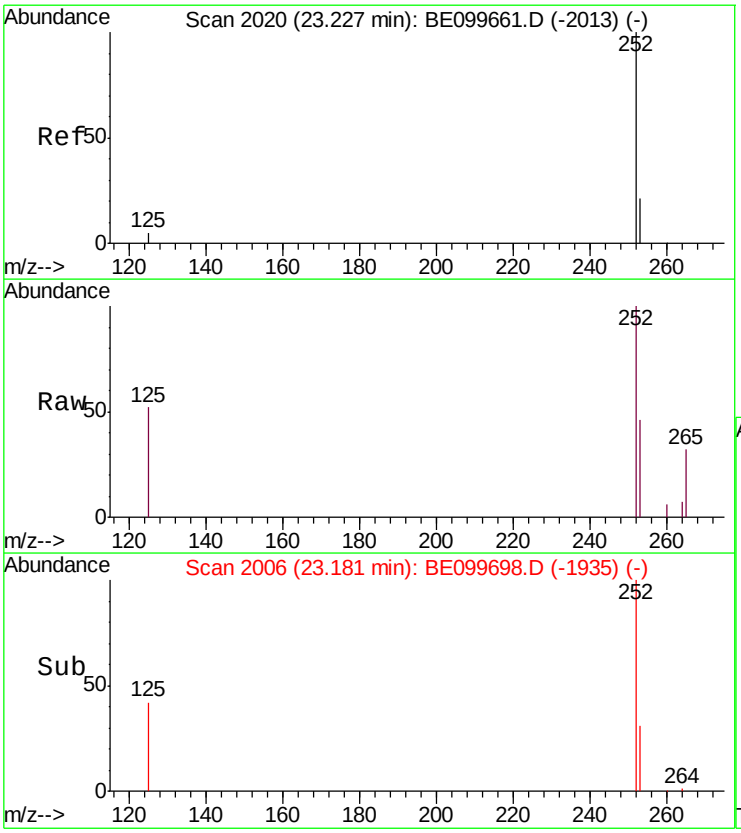
#35
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:252 Resp: 2426

Ion	Ratio	Lower	Upper
252	100		
253	45.7	18.2	27.4#
125	52.5	4.5	6.7#

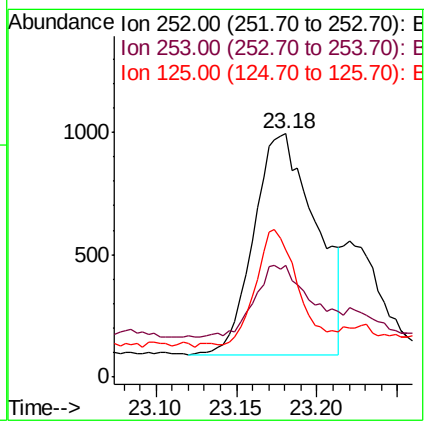


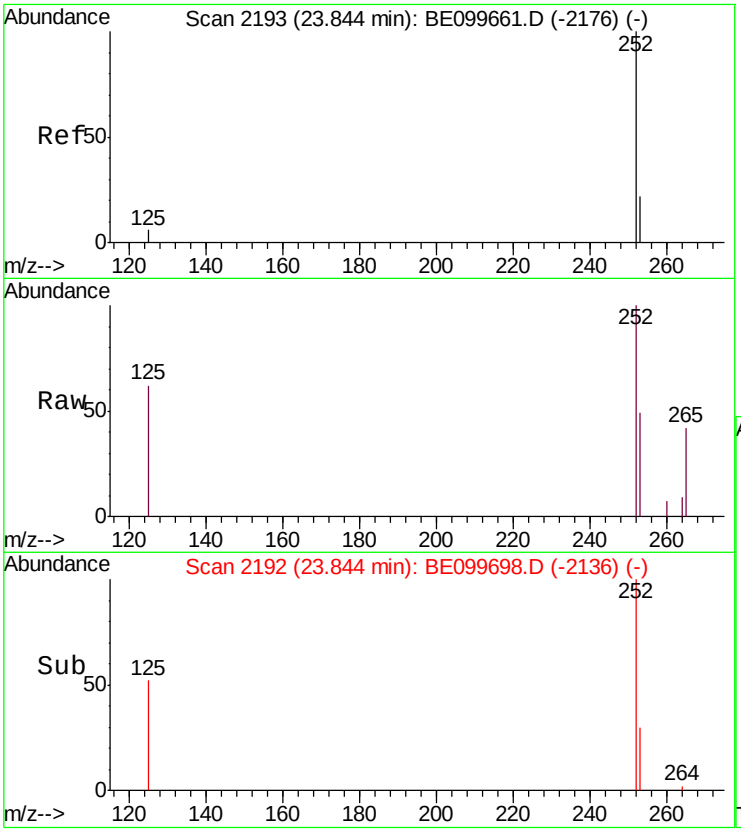


#36
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:252 Resp: 2426

Ion	Ratio	Lower	Upper
252	100		
253	45.7	17.8	26.8#
125	52.5	4.6	6.8#



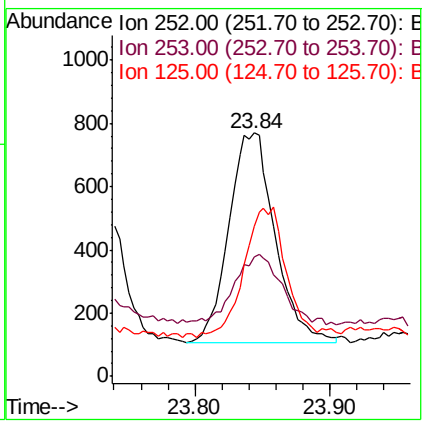


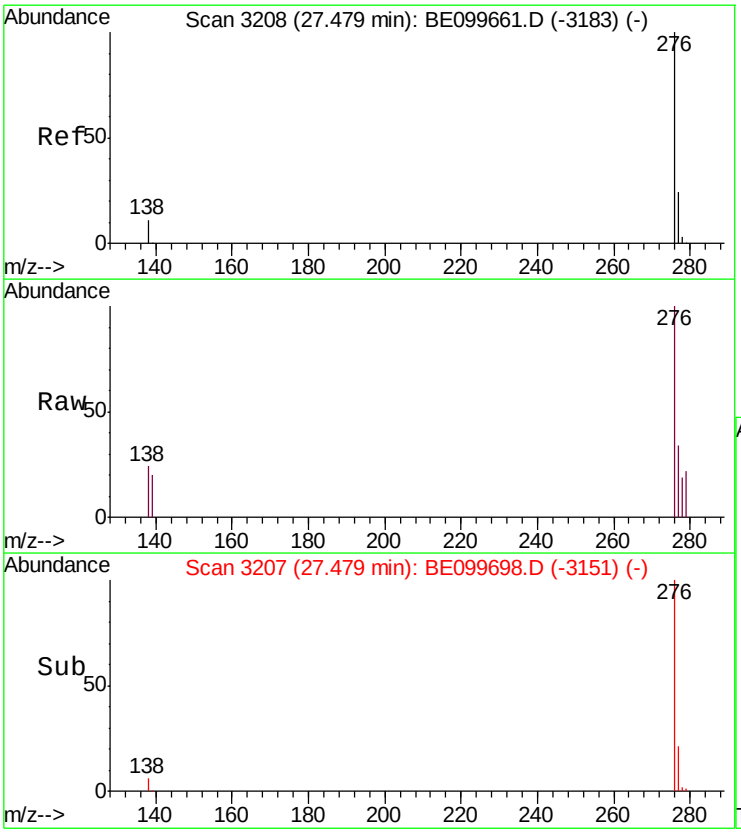
#37
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Instrument :
BNA_E
ClientSampleId :
FESB-10(8-8.5)

Tgt Ion:252 Resp: 1568

Ion	Ratio	Lower	Upper
252	100		
253	49.1	18.9	28.3#
125	61.9	5.4	8.0#





#39
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE099698.D
Acq: 21 May 2019 20:34

Tgt Ion:276 Resp: 1261

Ion	Ratio	Lower	Upper
276	100		
277	34.3	19.8	29.6#
138	24.1	9.2	13.8#