Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
Data File : BE099841.D
Acq On : 7 Jun 2019 2:51
Operator : JU/SJ
Sample : K3136-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-24(6.5-7)MSD

Quant Time: Jun 07 05:19:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1305	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	4601	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	6149	0.40	ng		0.01
19) Phenanthrene-d10	17.24	188	10123	0.40	ng		0.01
27) Chrysene-d12	21.45	240	13357	0.40	ng		0.04
34) Perylene-d12	24.01	264	23077	0.40	ng		0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1375	0.43	ng		0.01
5) Phenol-d6	6.97	99	2039	0.50	ng		0.01
8) Nitrobenzene-d5	8.97	82	1965	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	4230	0.54	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1238	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	4660	0.20	ng		0.00
25) Fluoranthene-d10	19.28	212	46958	0.31	ng		0.02
29) Terphenyl-d14	19.90	244	1822	0.08	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	301	0.159	ng	#	69
3) n-Nitrosodimethylamine	3.61	42	258	0.257	ng	#	85
6) bis(2-Chloroethyl)ether	7.23	93	1395	0.390	ng	#	74
9) Naphthalene	10.67	128	6009526	122.340	ng		99
10) Hexachlorobutadiene	10.94	225	1144	0.306	ng		97
12) 2-Methylnaphthalene	12.30	142	530762	67.770	ng		98
16) Acenaphthylene	14.21	152	172781	5.824	ng	#	94
17) Acenaphthene	14.56	154	687362	42.327	ng		98
18) Fluorene	15.53	166	1278879	53.467	ng		98
20) 4-Bromophenyl-phenylether	16.43	248	1927	0.341	ng	#	34
21) Hexachlorobenzene	16.55	284	1901	0.307	ng	#	74
22) Pentachlorophenol	16.91	266	2430	1.475	ng		88
23) Phenanthrene	17.31	178	6850887	283.579	ng		94
24) Anthracene	17.39	178	2711318	124.183	ng		99
26) Fluoranthene	19.34	202	8694532	205.379	ng	#	94
28) Pyrene	19.70	202	8352716	258.896	ng	#	76
30) Benzo(a)anthracene	21.43	228	5603160	151.841	ng	#	90
31) Chrysene	21.43	228	2710022	66.456	ng		93
32) Bis(2-ethylhexyl)phthalate	21.32	149	64214	1.516	ng	#	86
33) Indeno(1,2,3-cd)pyrene	26.77	276	2258121	46.223	ng	#	93
35) Benzo(b)fluoranthene	23.25	252	6290967	98.470	ng	#	96
36) Benzo(k)fluoranthene	23.25	252	6290967	92.758	ng		97
37) Benzo(a)pyrene	23.93	252	4754204	76.763	ng	#	93
38) Dibenzo(a,h)anthracene	26.77	278	535625	8.502	ng	#	87
39) Benzo(g,h,i)perylene	27.62	276	2013981	30.429	ng	#	96

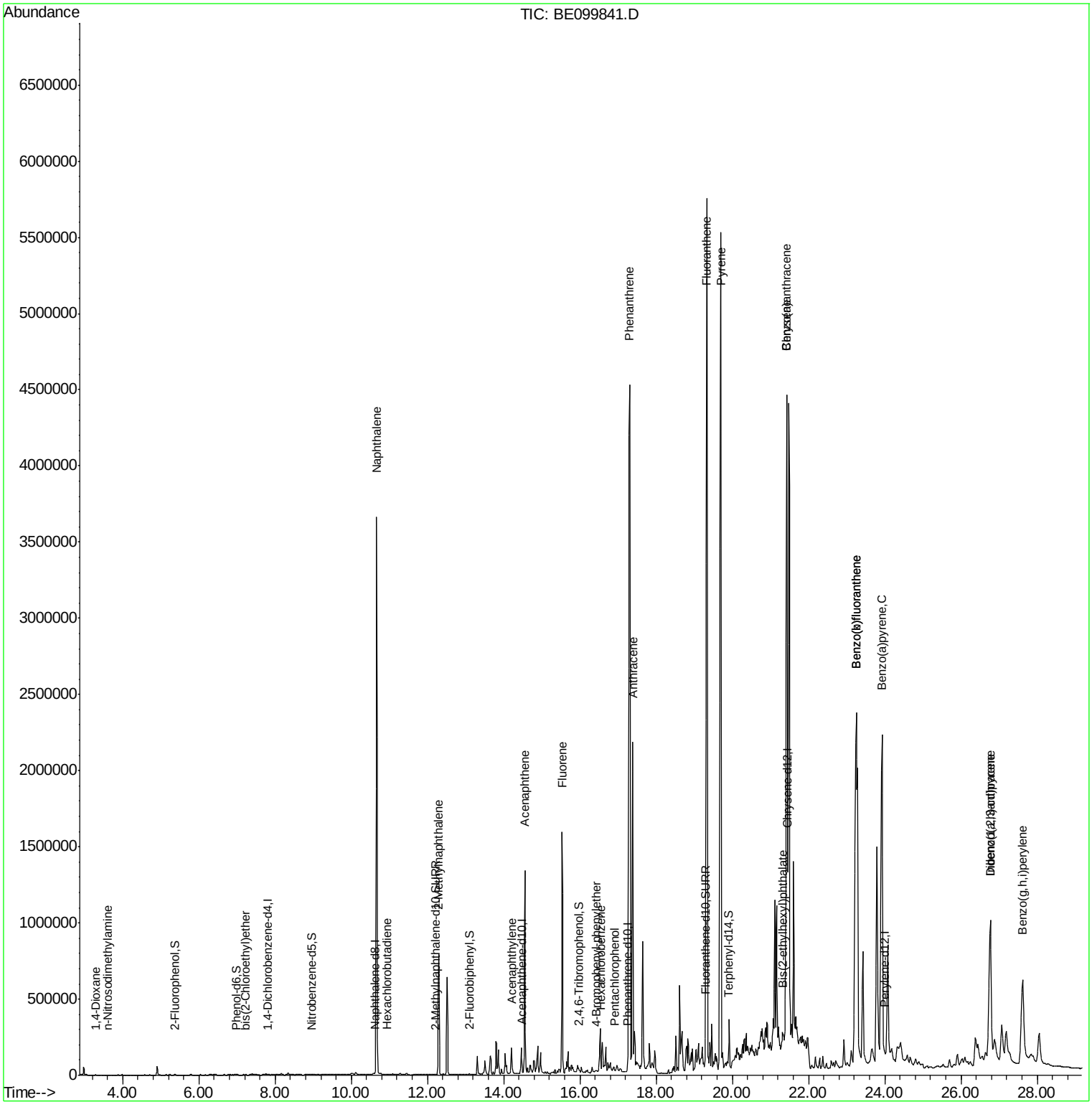
(#) = qualifier out of range (m) = manual integration (+) = signals summed

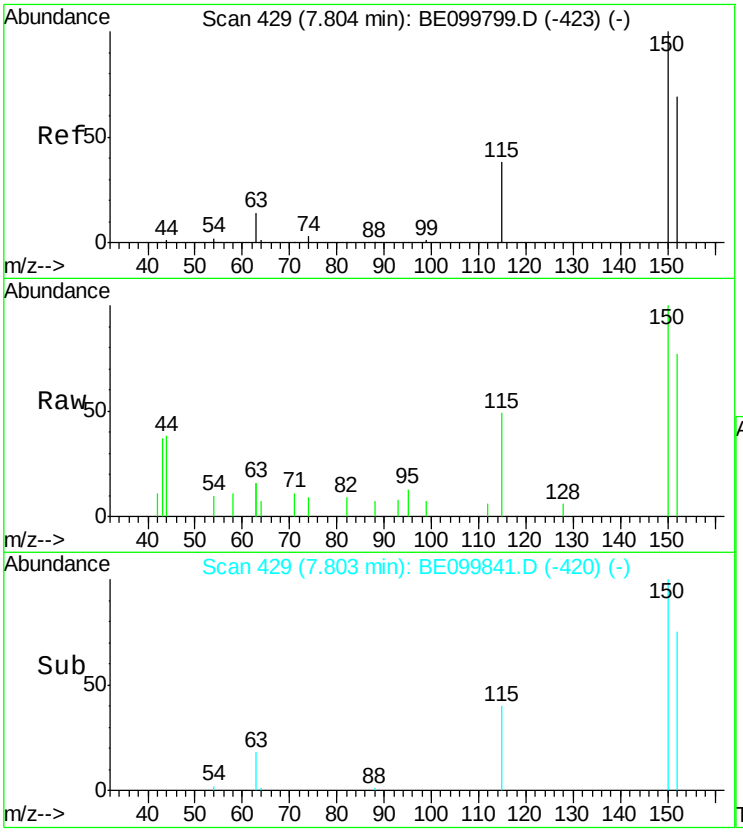
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
Data File : BE099841.D
Acq On : 7 Jun 2019 2:51
Operator : JU/SJ
Sample : K3136-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Quant Time: Jun 07 05:19:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration



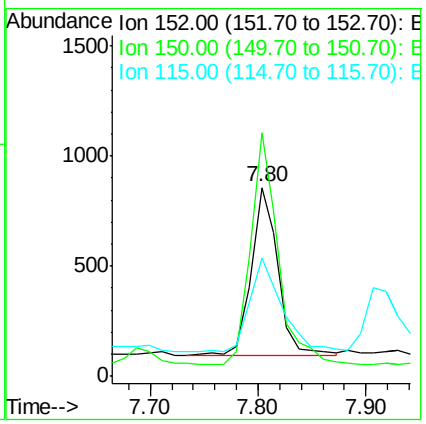


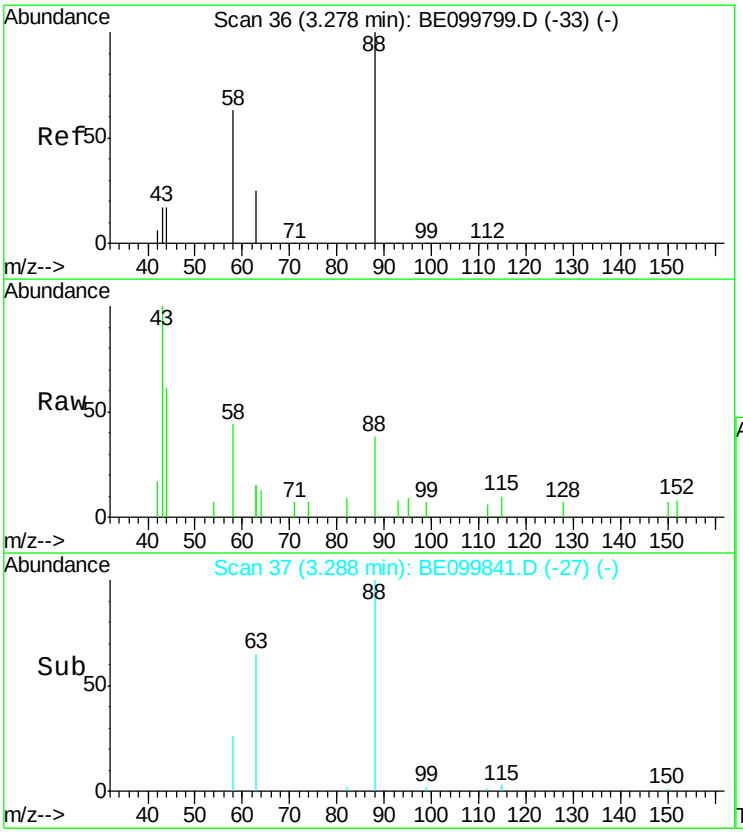
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:152 Resp: 1305

Ion	Ratio	Lower	Upper
152	100		
150	129.1	112.8	169.2
115	62.6	47.6	71.4

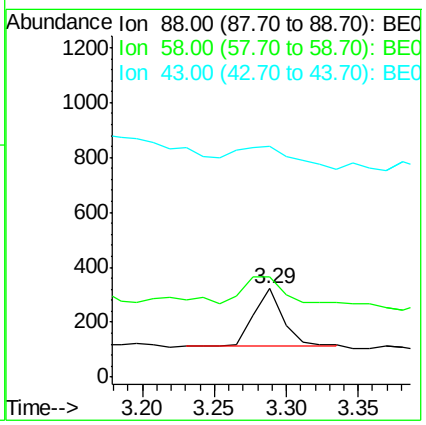


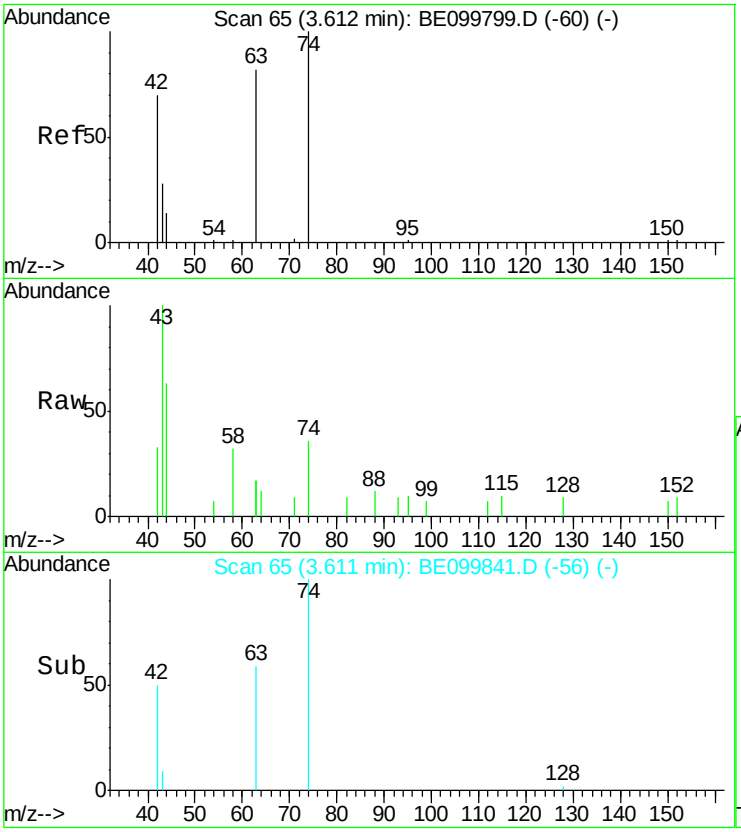


#2
1,4-Dioxane
Concen: 0.159 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
58	61.1	47.3	70.9
43	73.1	18.2	27.4#



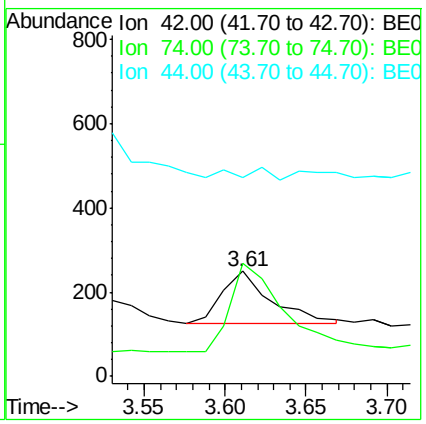


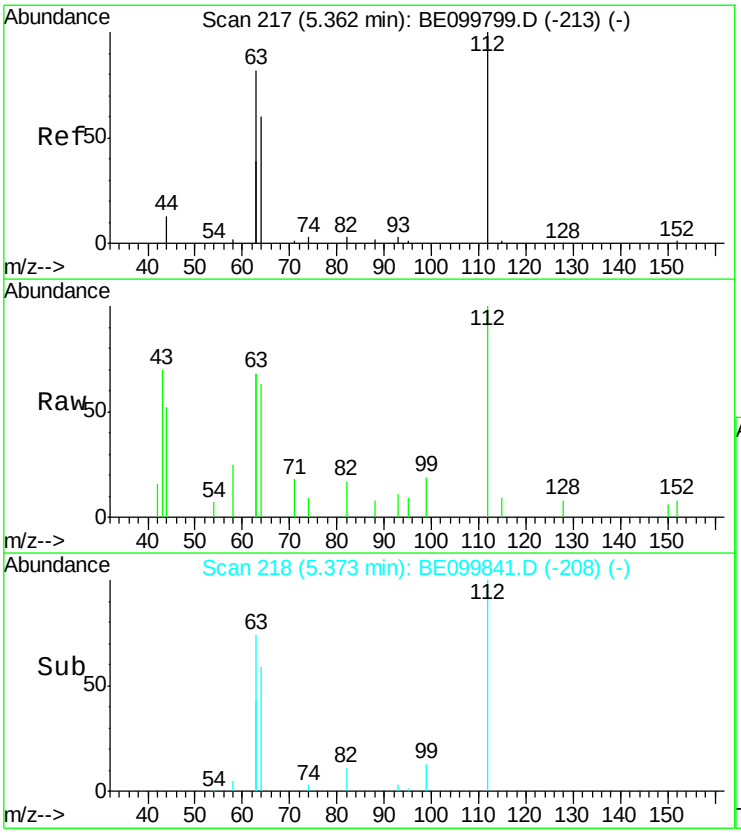
#3
n-Nitrosodimethylamine
Concen: 0.257 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion: 42 Resp: 258

Ion	Ratio	Lower	Upper
42	100		
74	184.5	132.6	198.8
44	5.8	13.4	20.0#

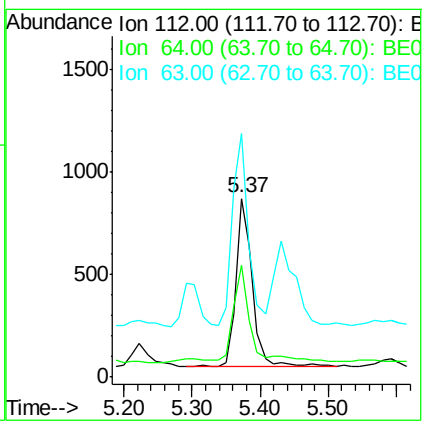


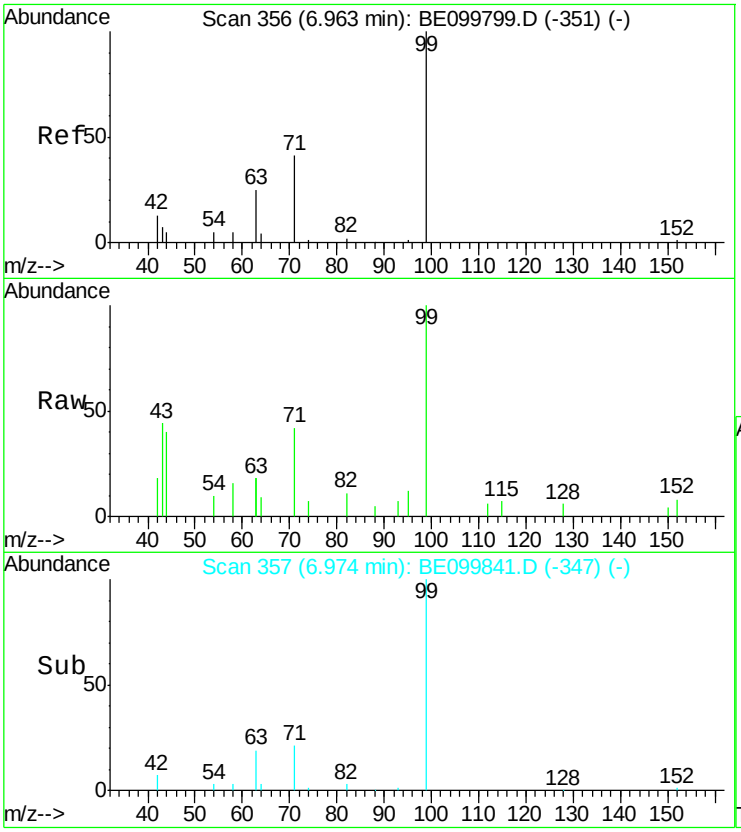


#4
2-Fluorophenol
Concen: 0.433 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:112 Resp: 1375

Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.2	70.8
63	110.8	90.7	136.1



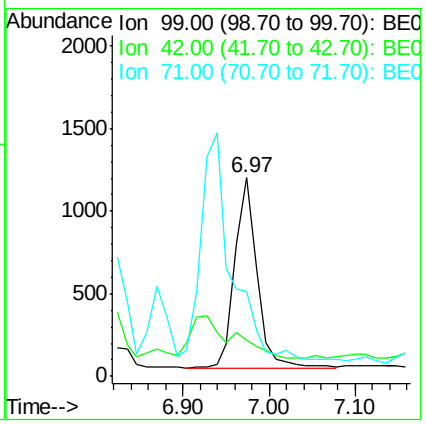


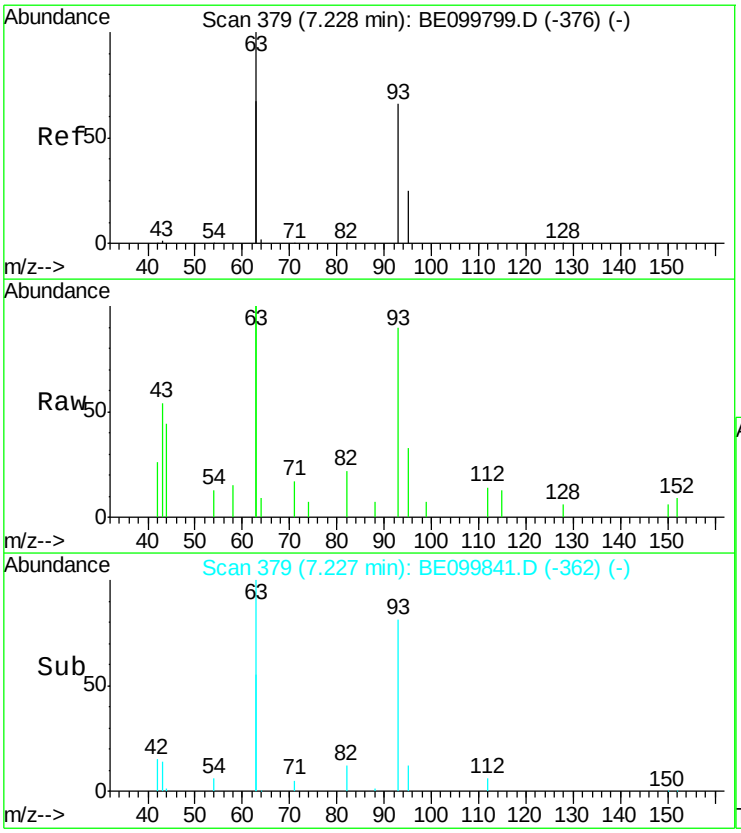
#5
Phenol-d6
Concen: 0.499 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion: 99 Resp: 2039

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.0	16.4#
71	0.0	26.1	39.1#

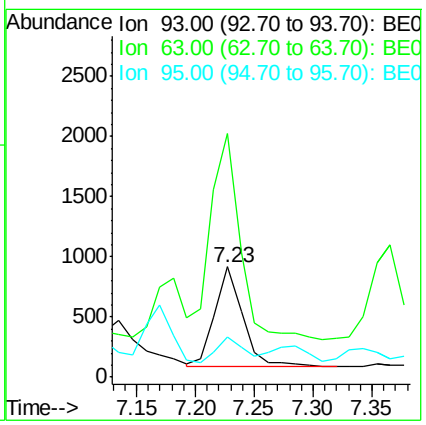


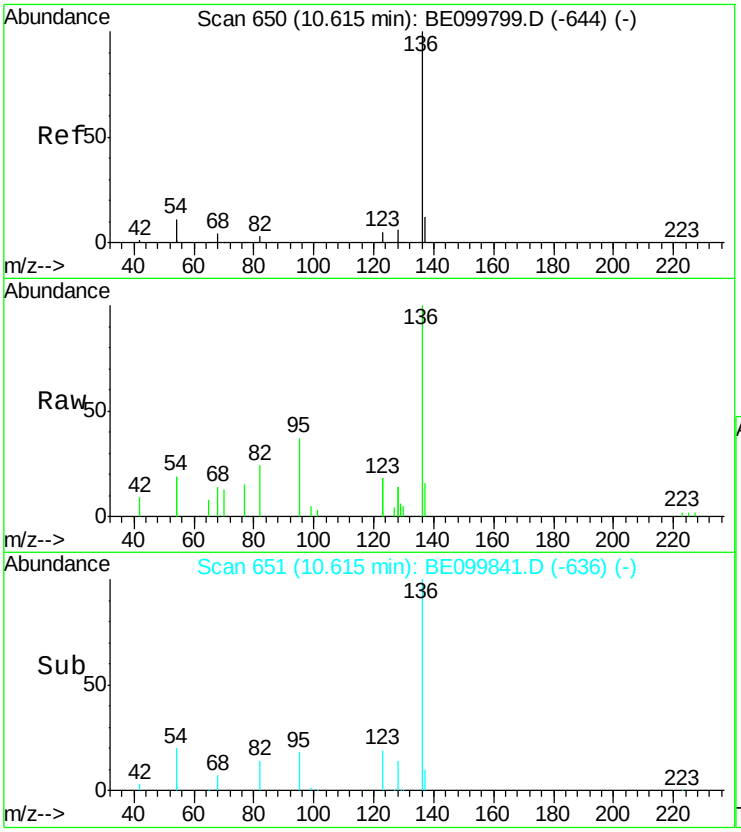


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion: 93 Resp: 1395

Ion	Ratio	Lower	Upper
93	100		
63	212.0	208.8	313.2
95	22.9	27.6	41.4#



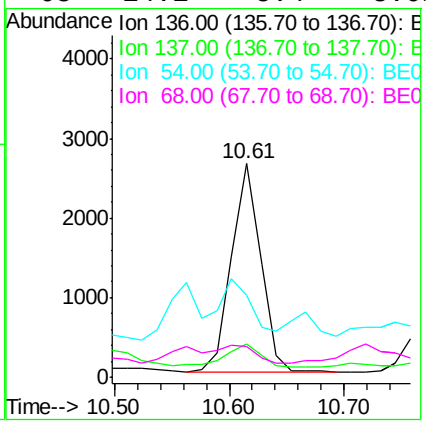


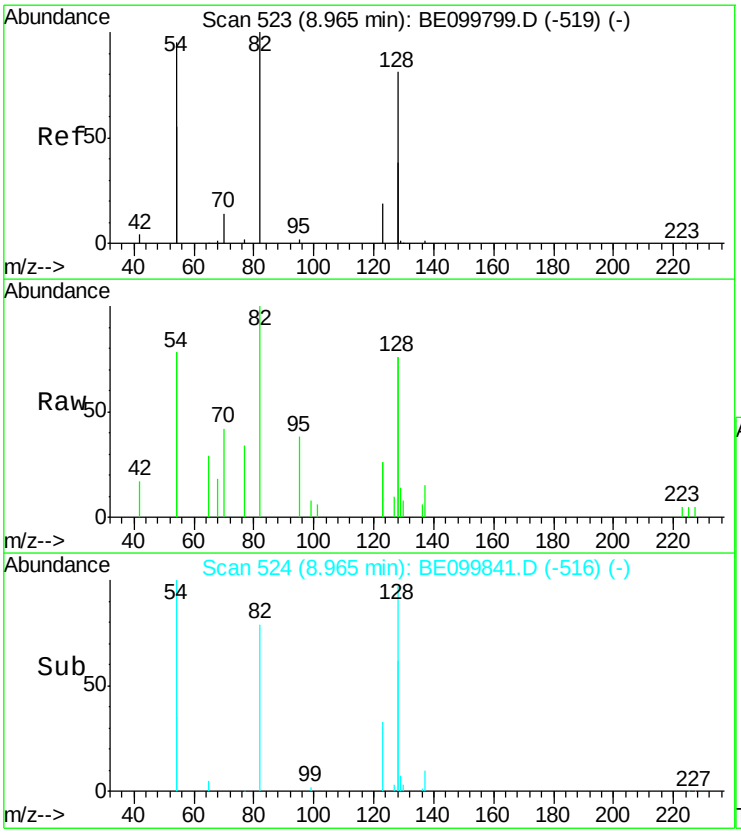
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:136 Resp: 4601

Ion	Ratio	Lower	Upper
136	100		
137	15.9	11.1	16.7
54	38.1	17.9	26.9#
68	14.1	5.4	8.0#

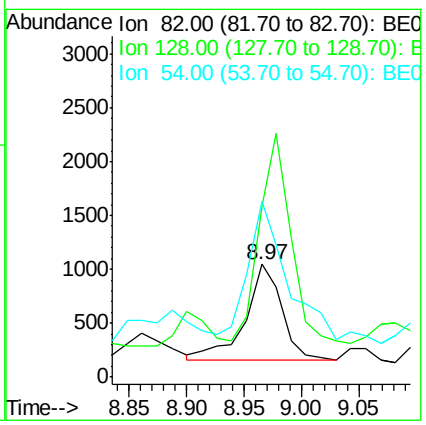


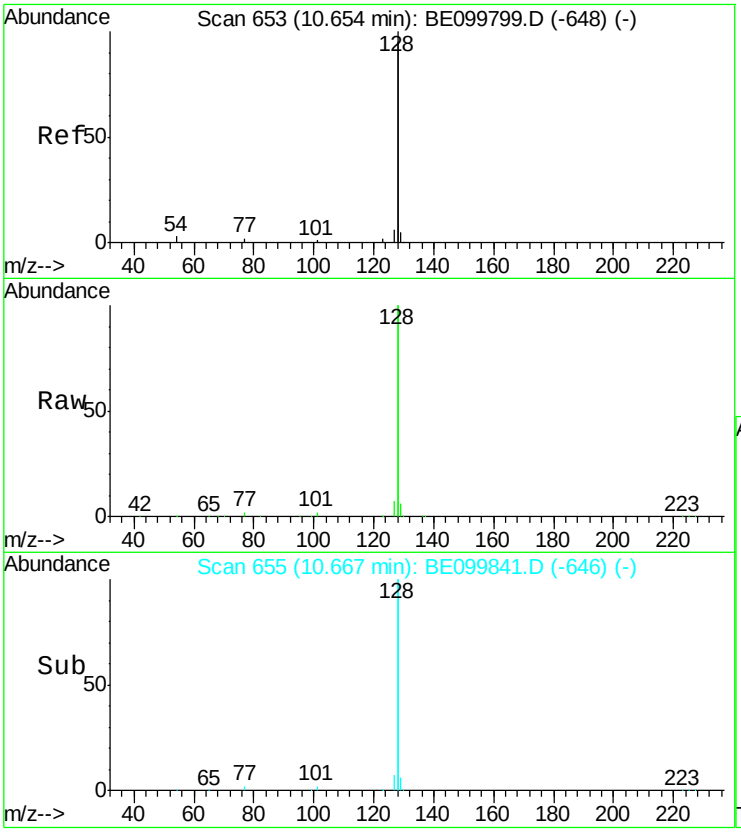


#8
Nitrobenzene-d5
Concen: 0.486 ng
RT: 8.97 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion: 82 Resp: 1965

Ion	Ratio	Lower	Upper
82	100		
128	151.2	116.6	175.0
54	155.6	136.2	204.4



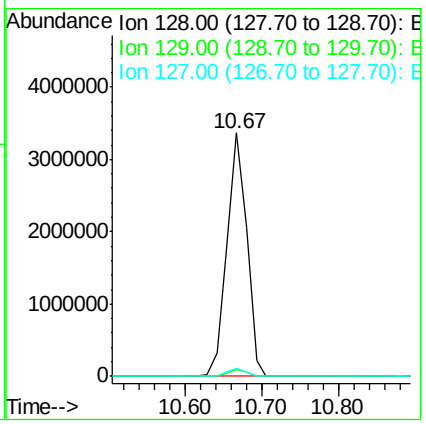


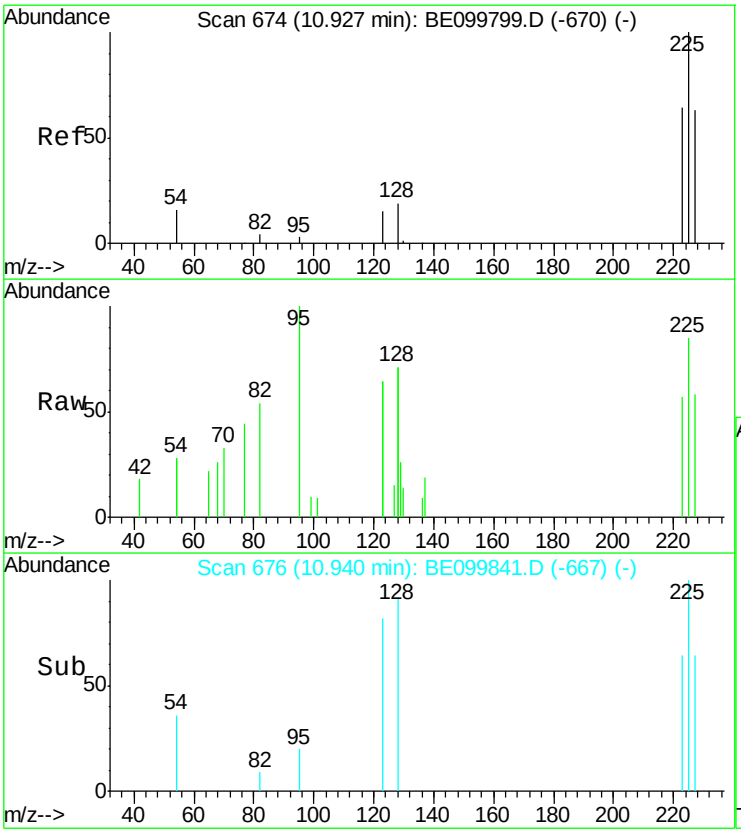
#9
Naphthalene
Concen: 122.340 ng
RT: 10.67 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:128 Resp: 6009526

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.5	3.0	4.6

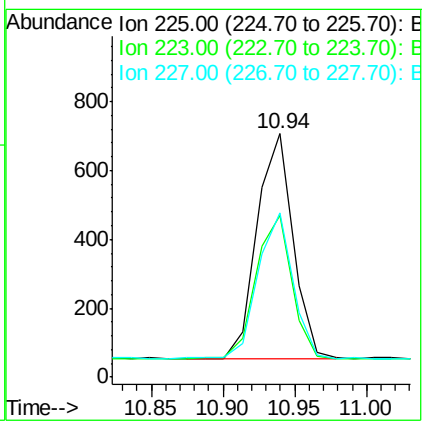


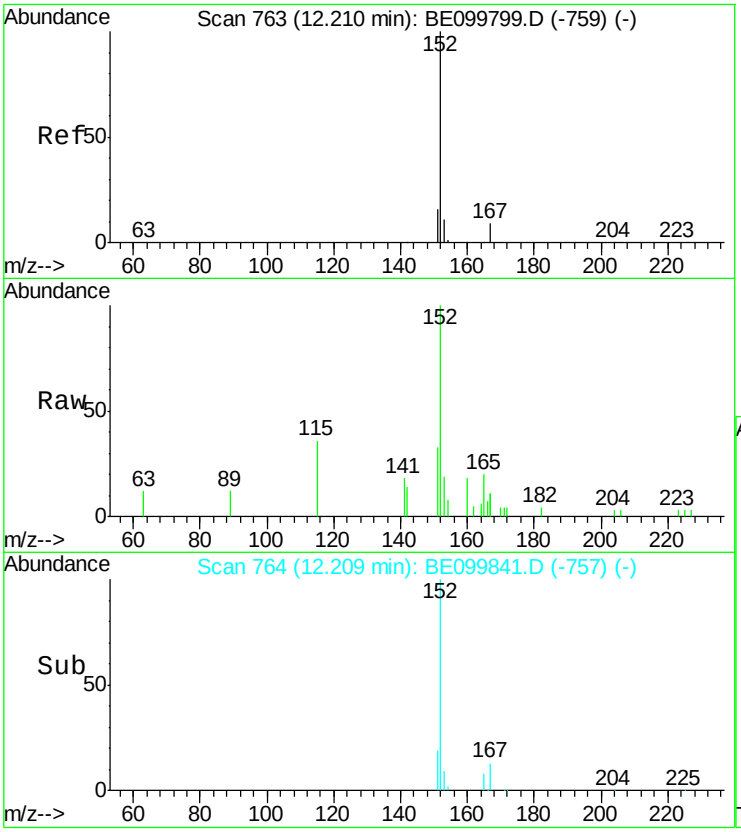


#10
Hexachlorobutadiene
Concen: 0.306 ng
RT: 10.94 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:225 Resp: 1144

Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	72.8
227	62.4	51.6	77.4



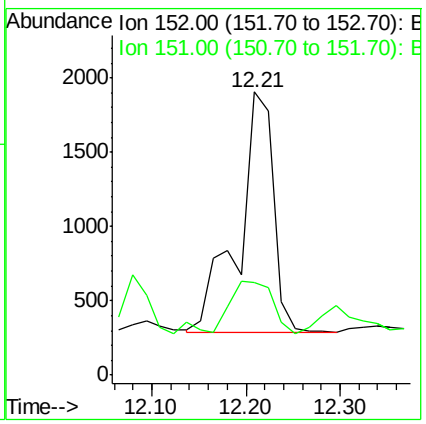


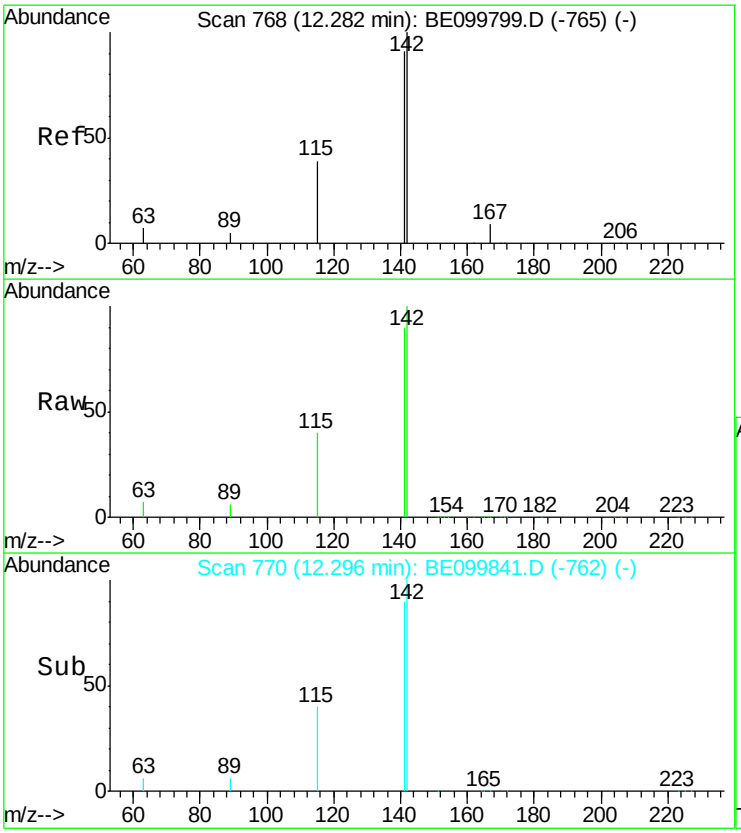
#11
2-Methylnaphthalene-d10
Concen: 0.535 ng
RT: 12.21 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:152 Resp: 4230

Ion	Ratio	Lower	Upper
152	100		
151	26.3	15.8	23.8#

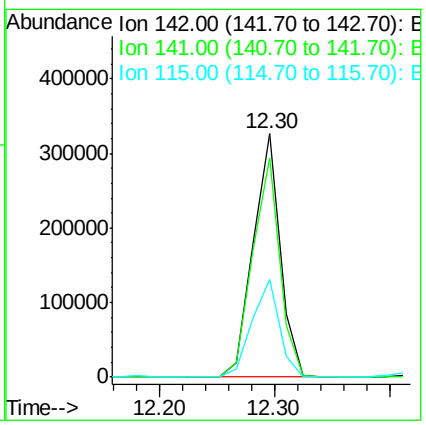


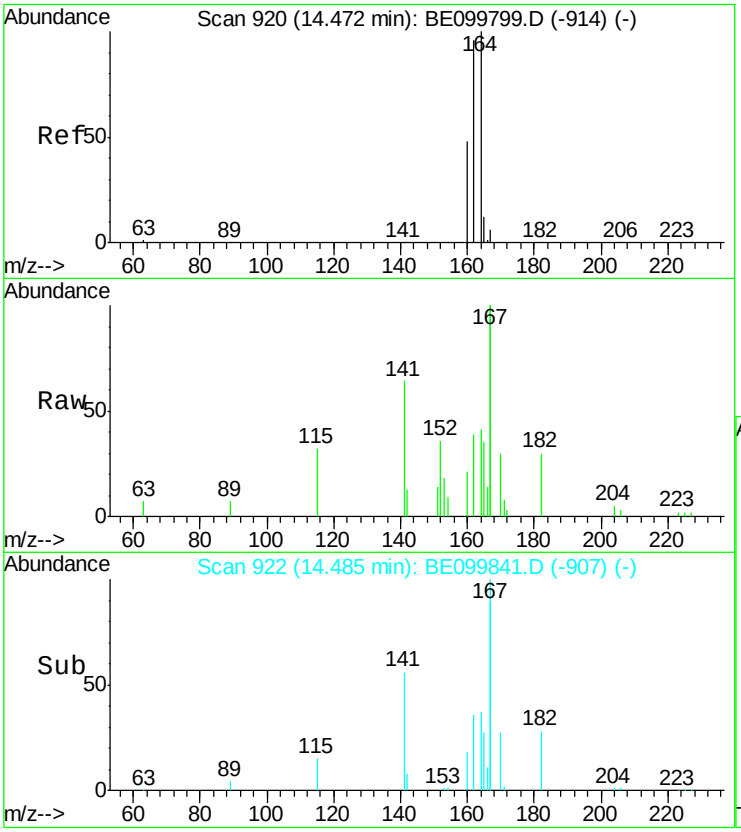


#12
2-Methylnaphthalene
Concen: 67.770 ng
RT: 12.30 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:142 Resp: 530762

Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.3	109.9
115	40.2	33.4	50.2



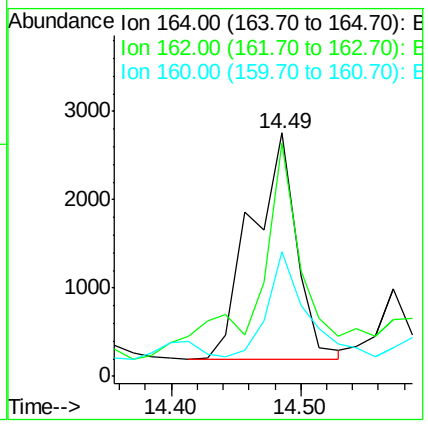


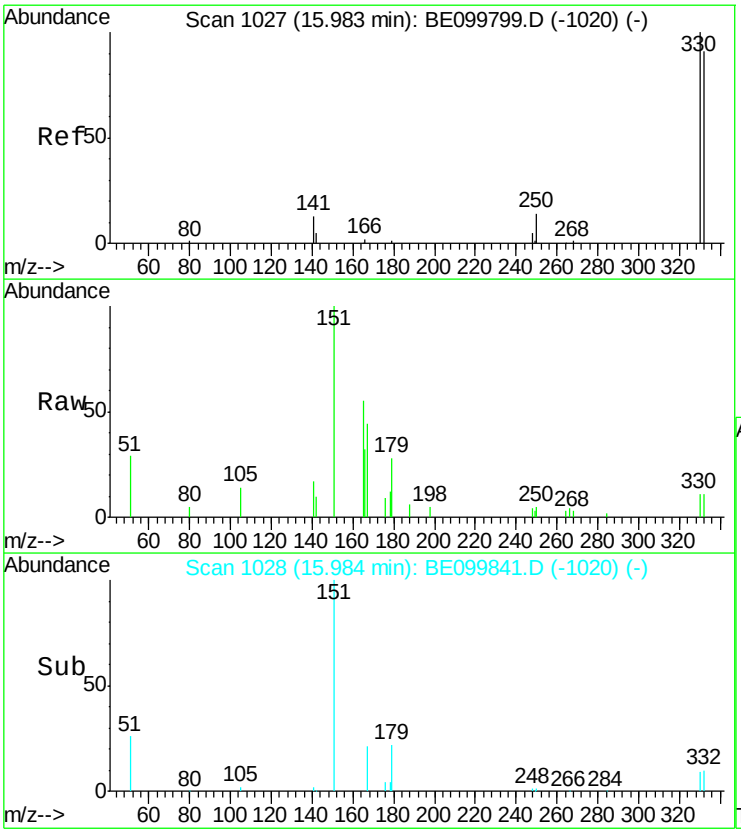
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 922
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:164 Resp: 6149

Ion	Ratio	Lower	Upper
164	100		
162	95.8	77.2	115.8
160	51.1	39.4	59.2

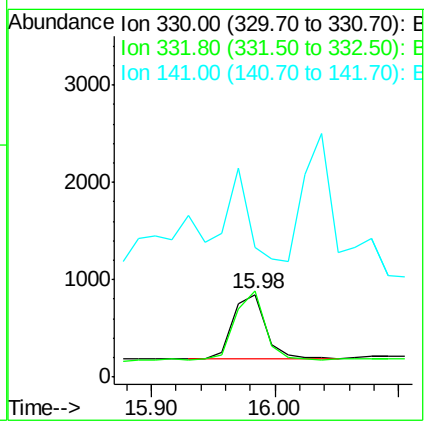


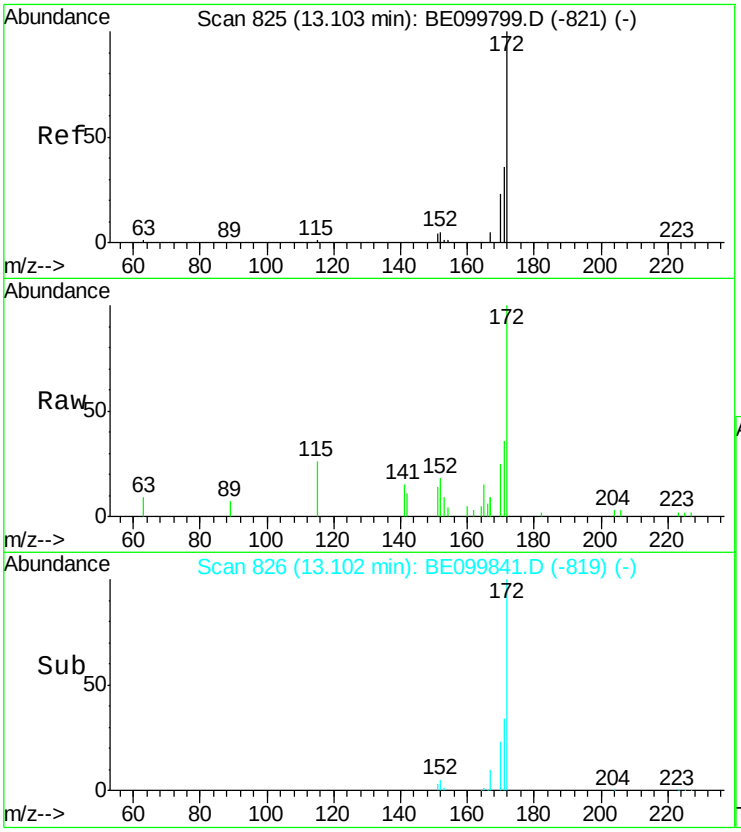


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.98 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:330 Resp: 1238

Ion	Ratio	Lower	Upper
330	100		
332	95.8	74.9	112.3
141	93.3	16.0	24.0#



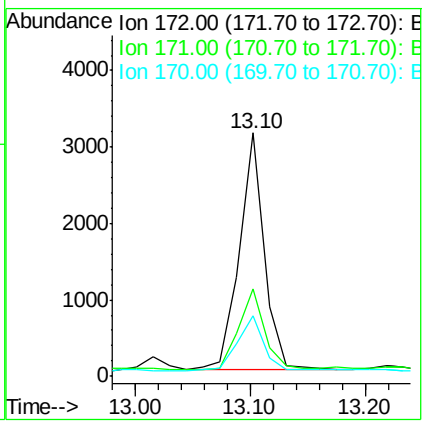


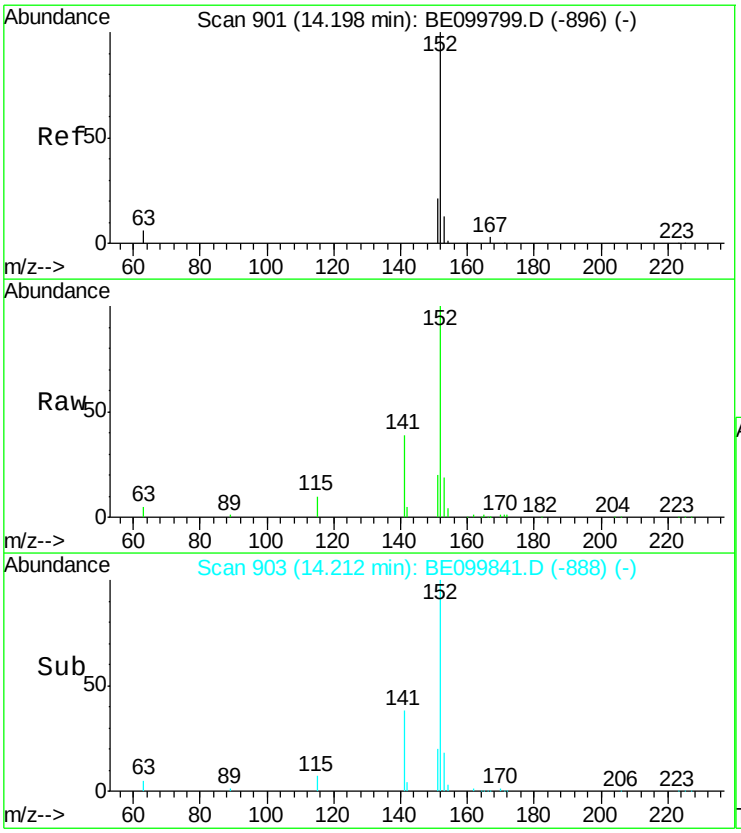
#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 13.10 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:172 Resp: 4660

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.2	45.4
170	24.7	20.1	30.1

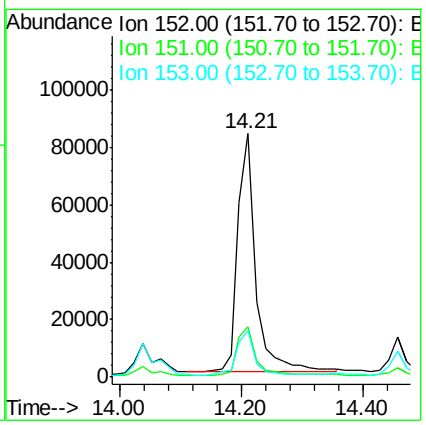


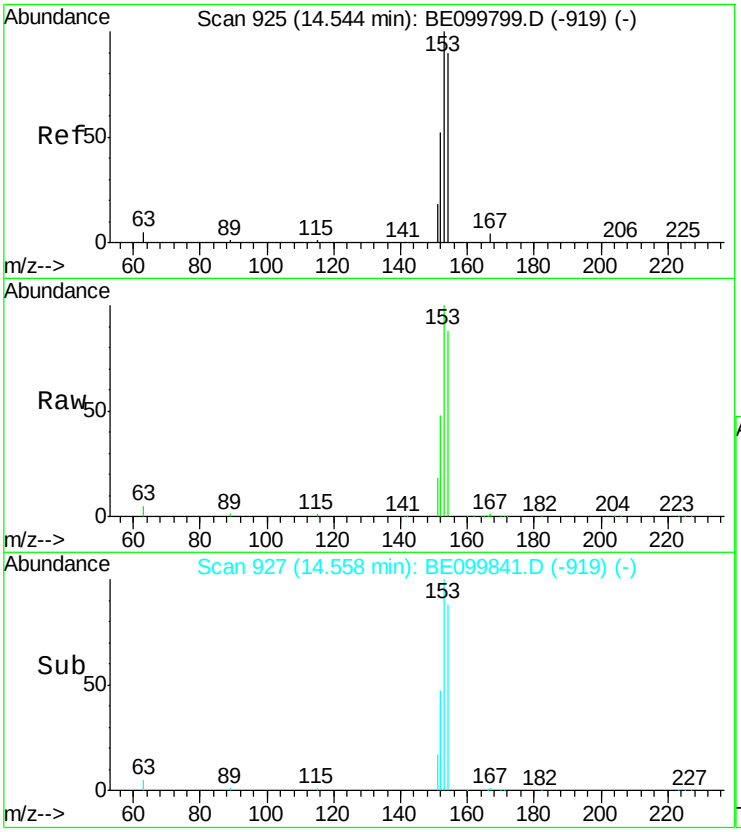


#16
Acenaphthylene
Concen: 5.824 ng
RT: 14.21 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:152 Resp: 172781

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	18.8	10.8	16.2#



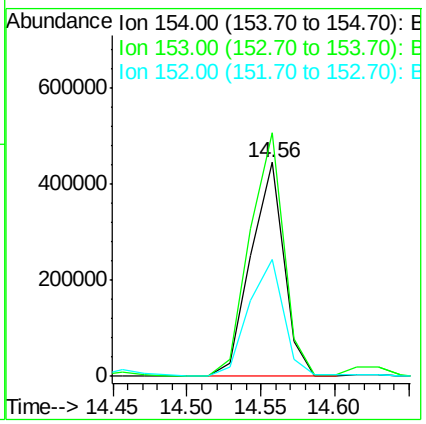


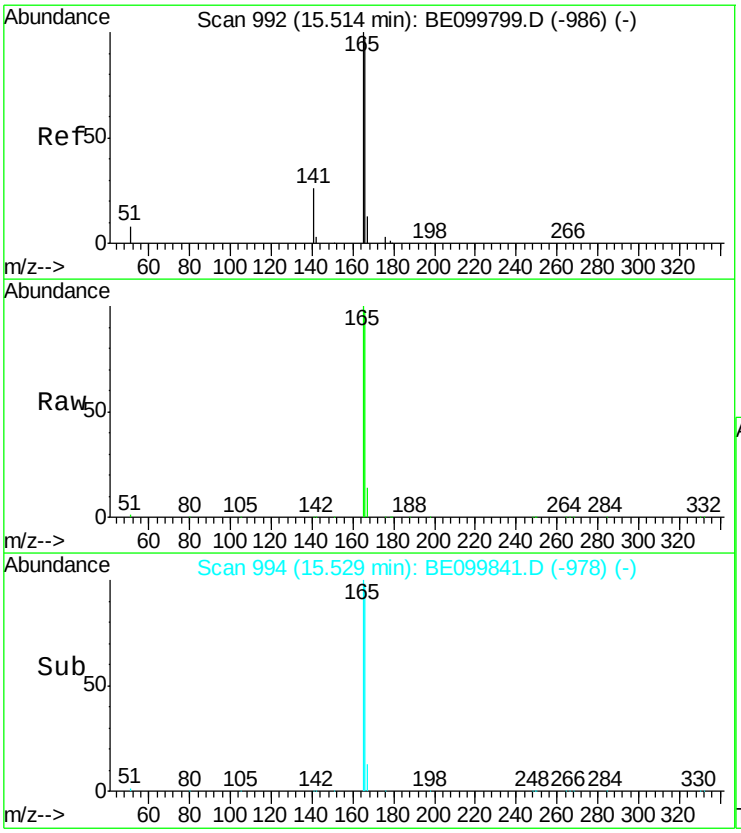
#17
Acenaphthene
Concen: 42.327 ng
RT: 14.56 min Scan# 927
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:154 Resp: 687362

Ion	Ratio	Lower	Upper
154	100		
153	116.5	93.8	140.6
152	57.2	48.3	72.5

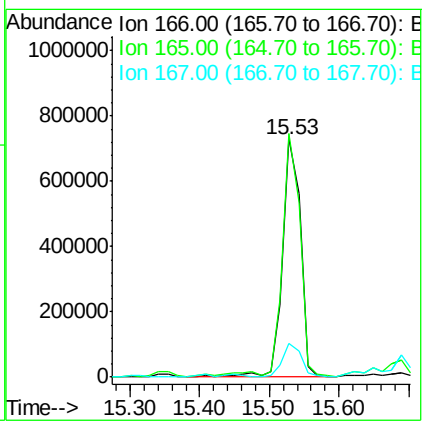


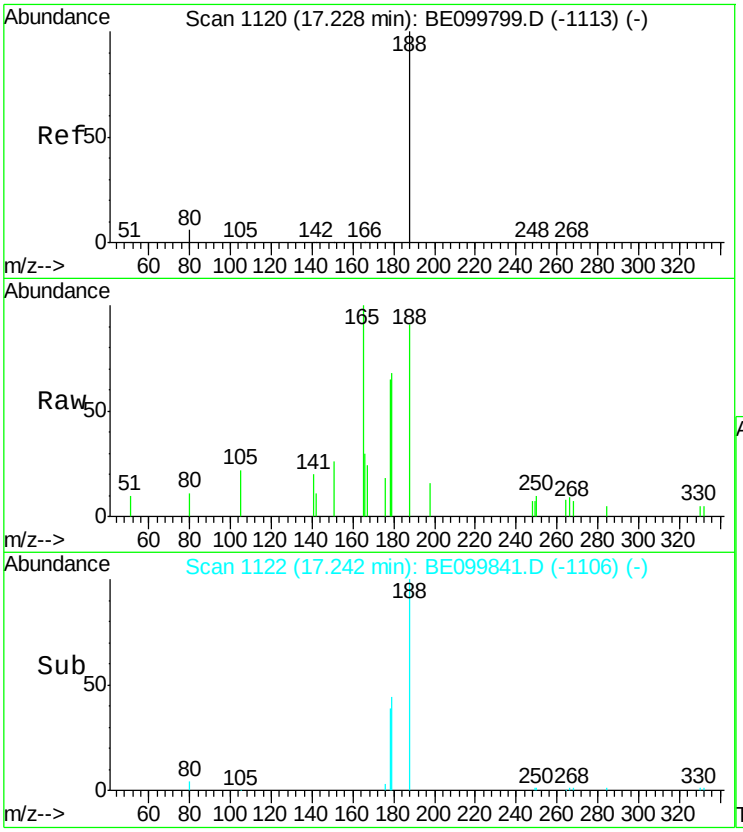


#18
Fluorene
Concen: 53.467 ng
RT: 15.53 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:166 Resp: 1278879

Ion	Ratio	Lower	Upper
166	100		
165	101.9	80.4	120.6
167	14.7	10.7	16.1



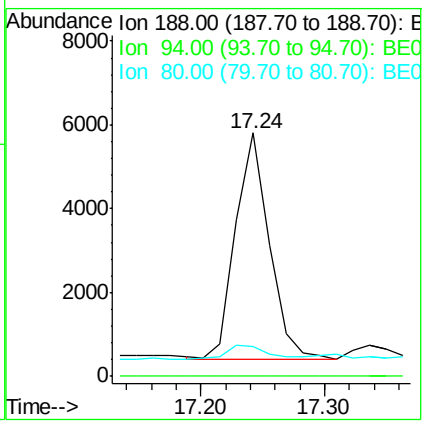


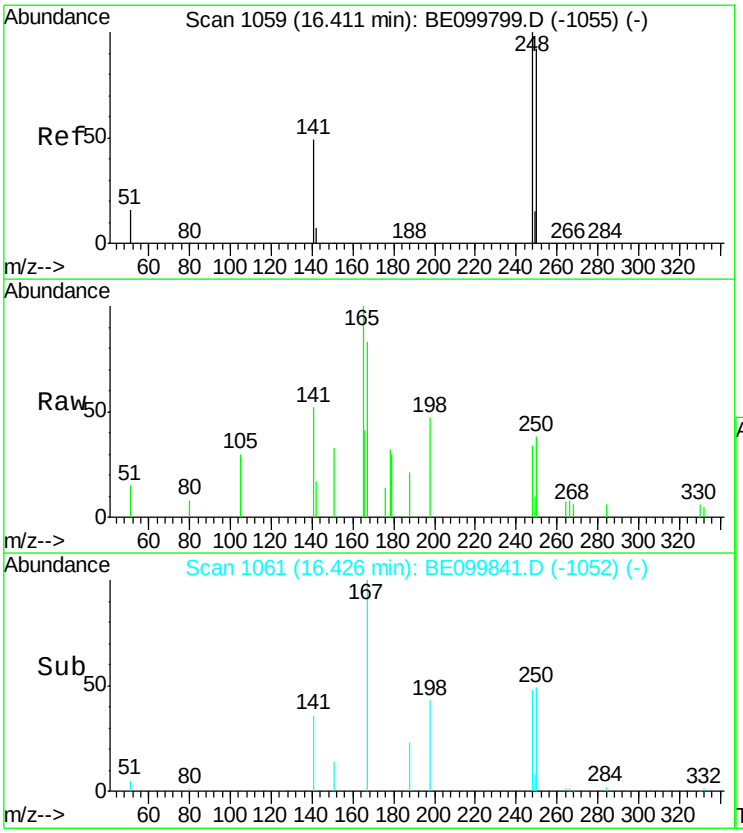
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:188 Resp: 10123

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.2	7.8#

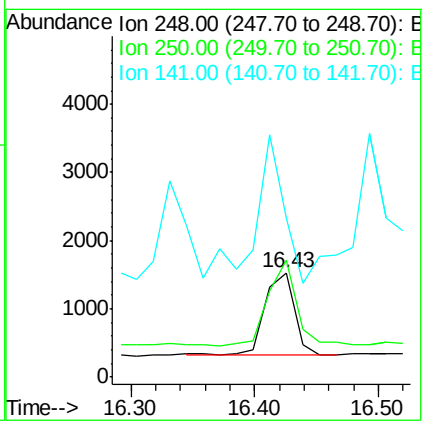


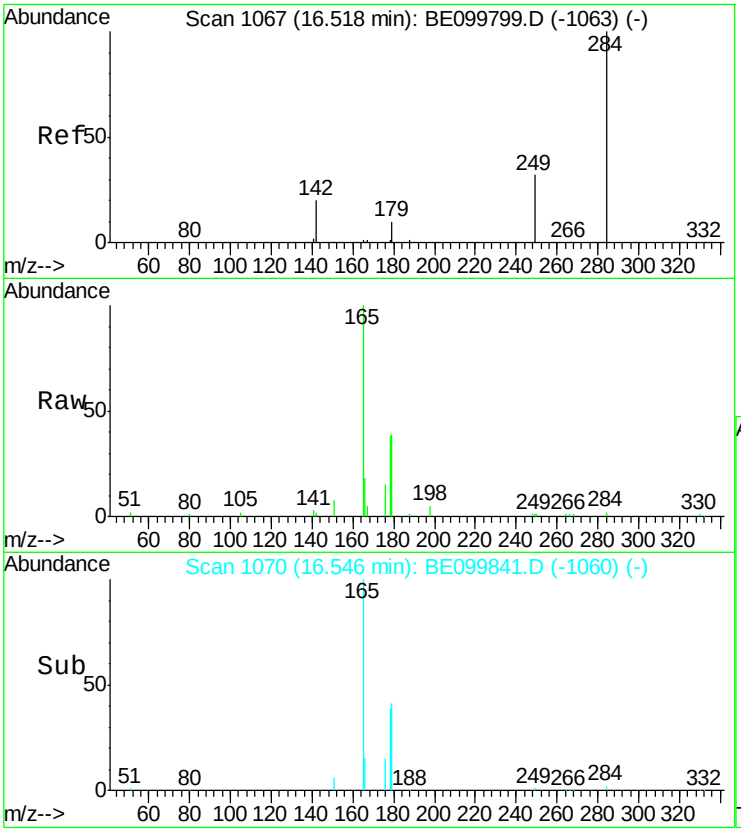


#20
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.43 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:248 Resp: 1927

Ion	Ratio	Lower	Upper
248	100		
250	112.5	73.7	110.5#
141	152.5	40.9	61.3#



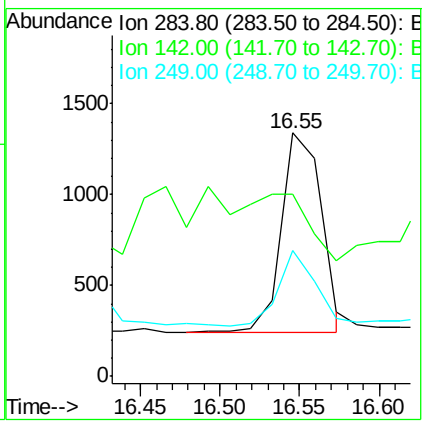


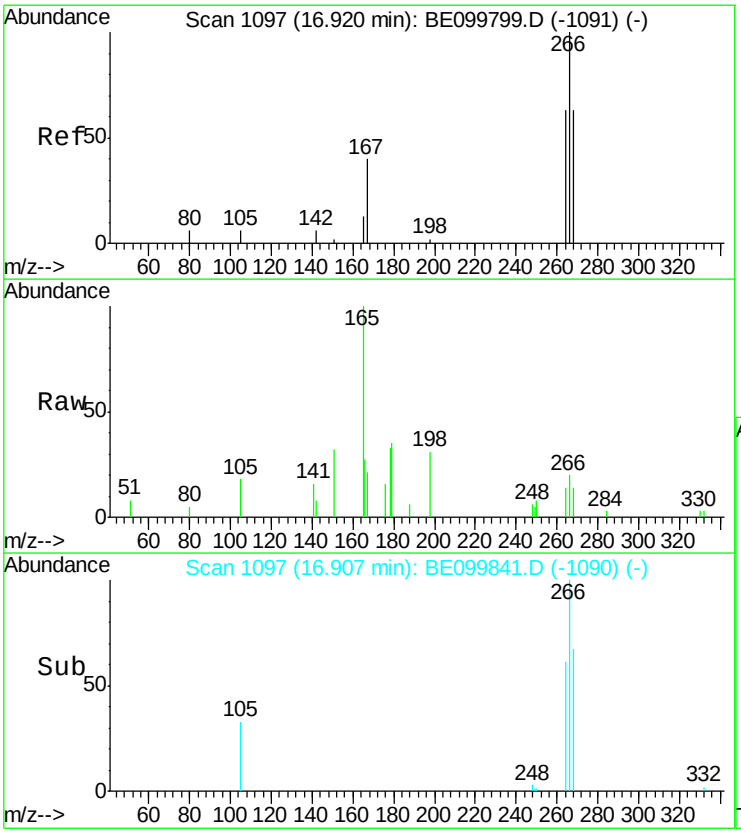
#21
Hexachlorobenzene
Concen: 0.307 ng
RT: 16.55 min Scan# 1070
Delta R.T. 0.03 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:284 Resp: 1901

Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	36.0	23.1	34.7#

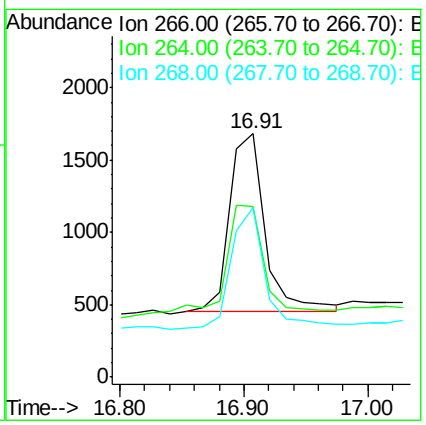


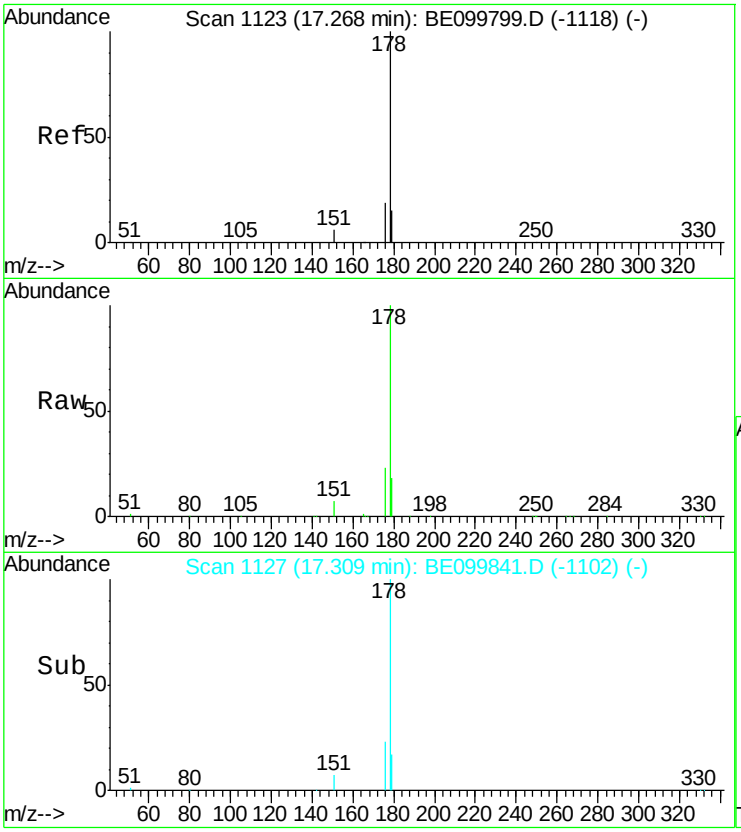


#22
Pentachlorophenol
Concen: 1.475 ng
RT: 16.91 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:266 Resp: 2430

Ion	Ratio	Lower	Upper
266	100		
264	70.1	64.9	97.3
268	69.6	64.0	96.0



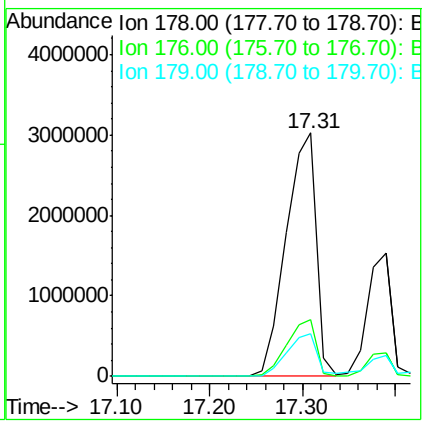


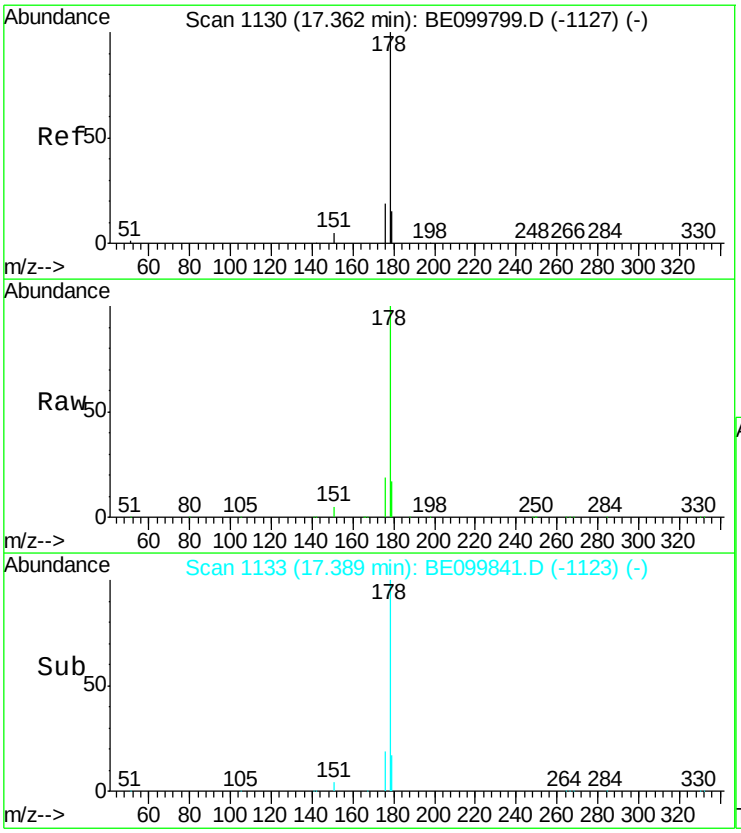
#23
Phenanthrene
Concen: 283.579 ng
RT: 17.31 min Scan# 1127
Delta R.T. 0.04 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:178 Resp: 6850887

Ion	Ratio	Lower	Upper
178	100		
176	22.5	15.4	23.0
179	17.5	12.5	18.7

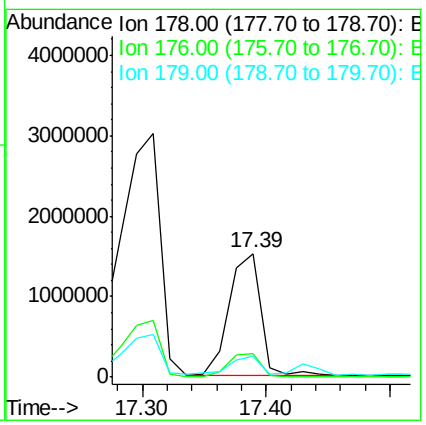


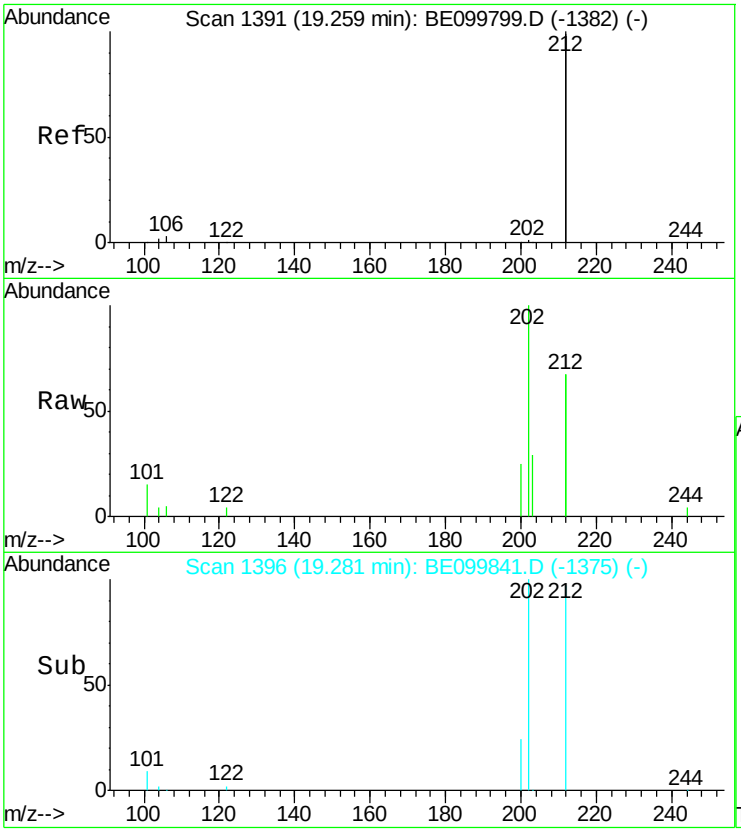


#24
Anthracene
Concen: 124.183 ng
RT: 17.39 min Scan# 1133
Delta R.T. 0.03 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:178 Resp: 2711318

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.2	12.1	18.1



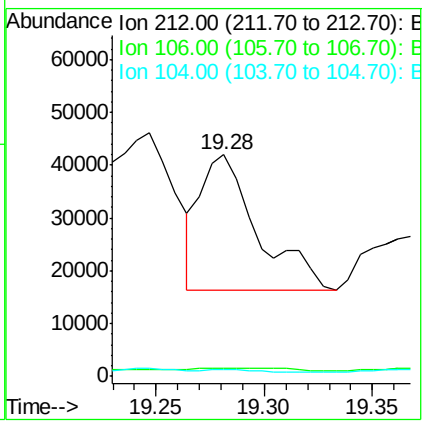


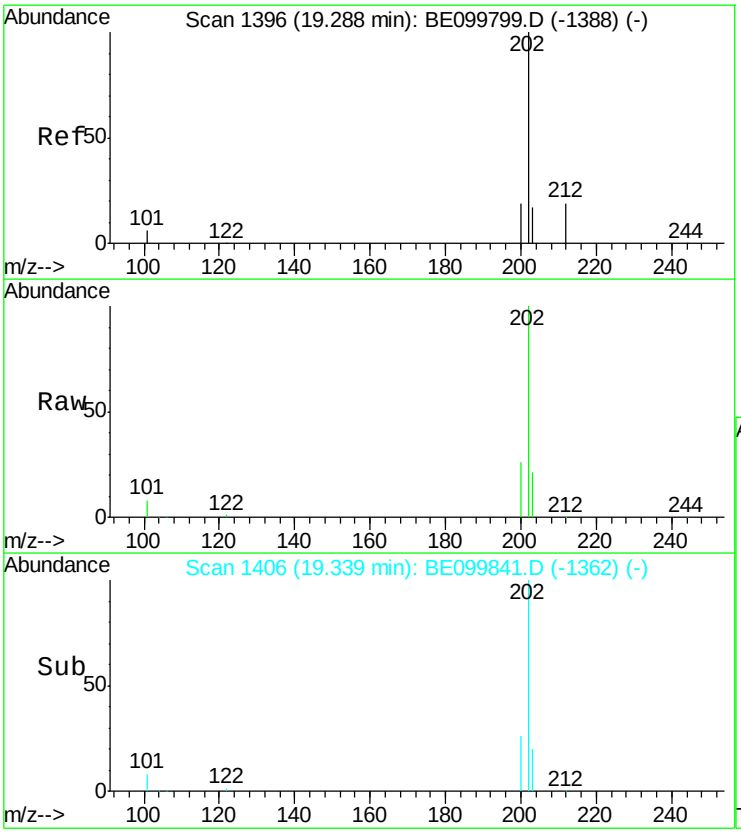
#25
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.28 min Scan# 1396
Delta R.T. 0.02 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:212 Resp: 46958

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

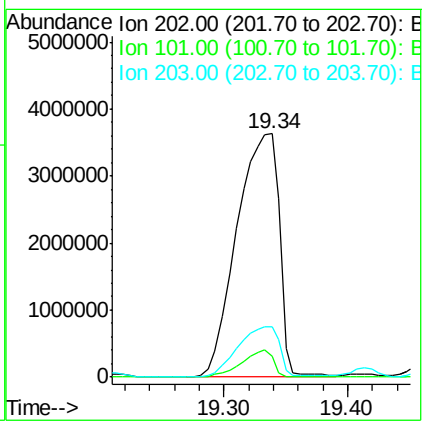


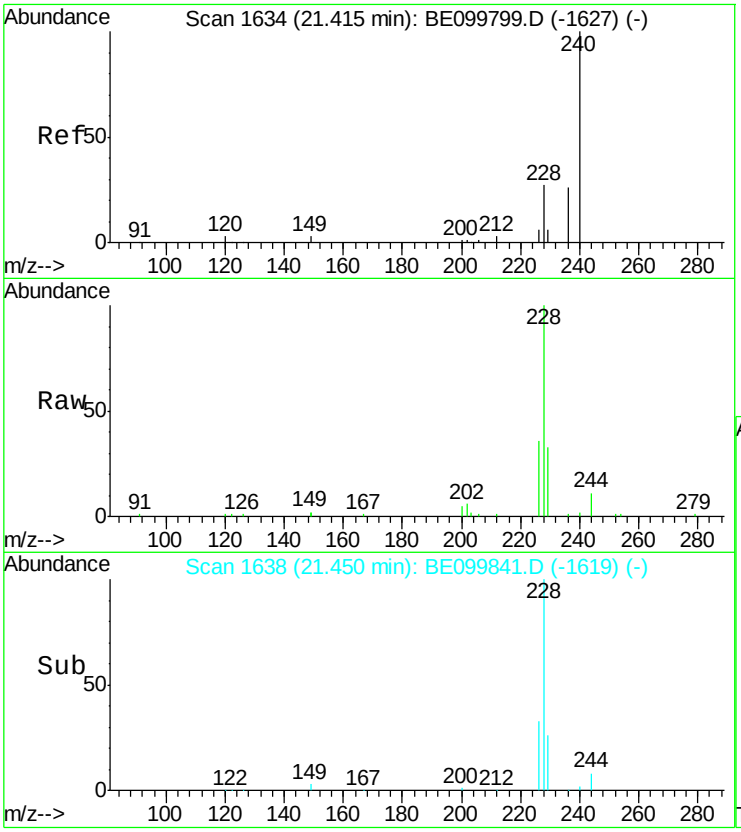


#26
Fluoranthene
Concen: 205.379 ng
RT: 19.34 min Scan# 1406
Delta R.T. 0.05 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:202 Resp: 8694532

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.2	7.8#
203	19.9	13.6	20.4



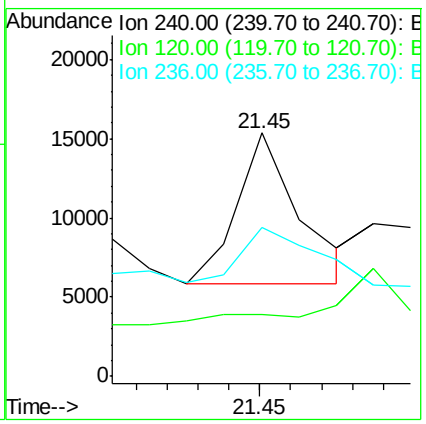


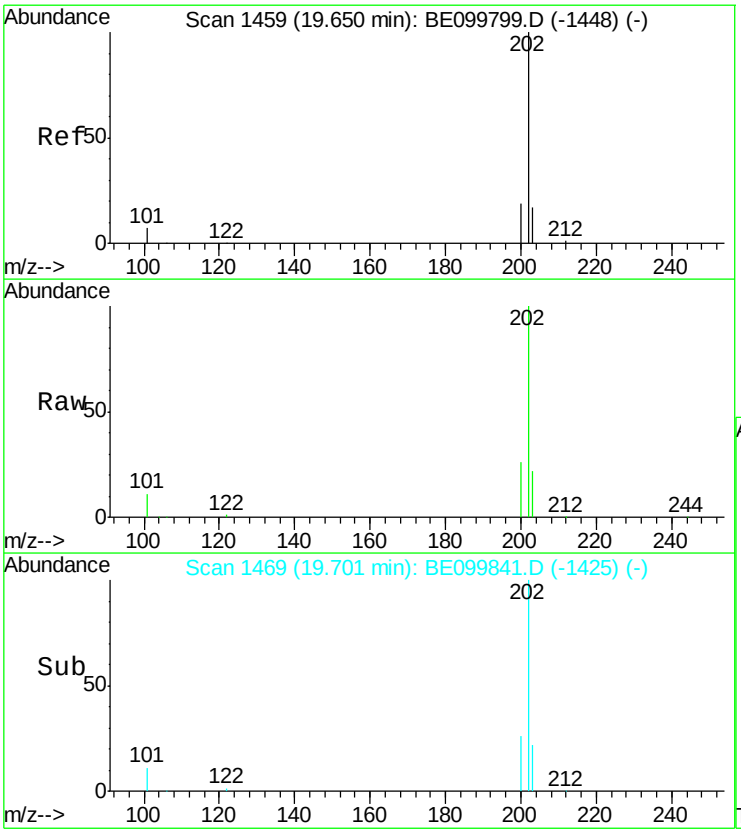
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1638
Delta R.T. 0.04 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:240 Resp: 13357

Ion	Ratio	Lower	Upper
240	100		
120	25.5	2.8	4.2#
236	61.0	20.9	31.3#

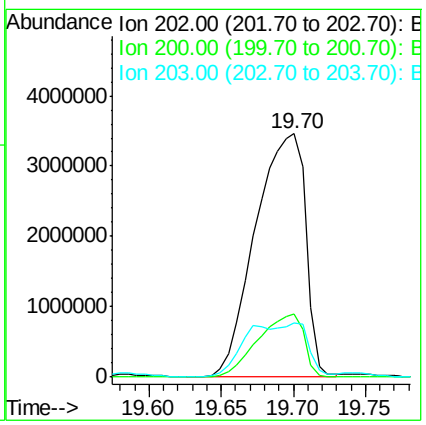


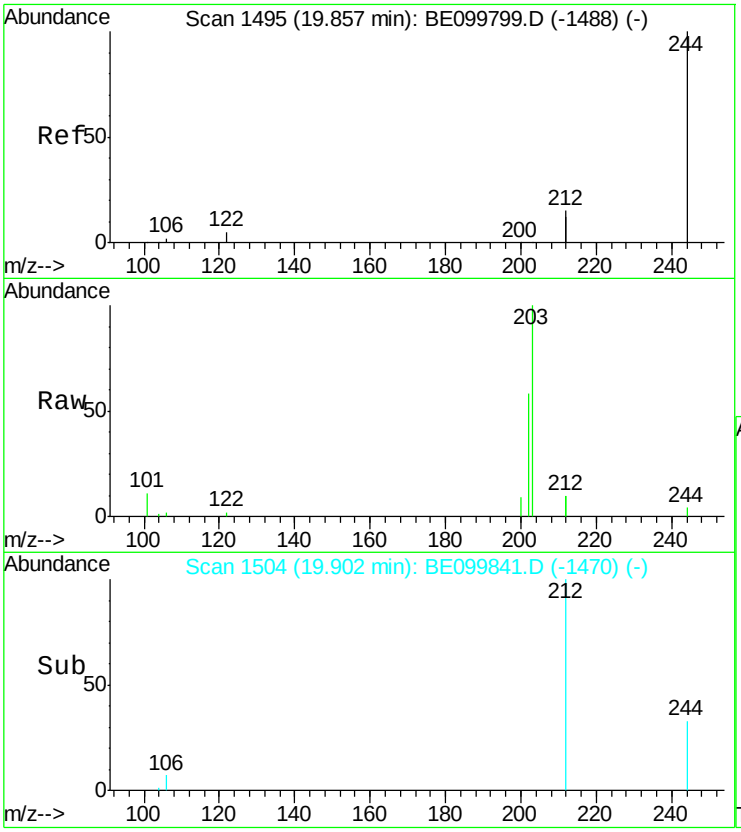


#28
Pyrene
Concen: 258.896 ng
RT: 19.70 min Scan# 1469
Delta R.T. 0.05 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:202 Resp: 8352716

Ion	Ratio	Lower	Upper
202	100		
200	23.9	15.6	23.4#
203	0.0	14.1	21.1#



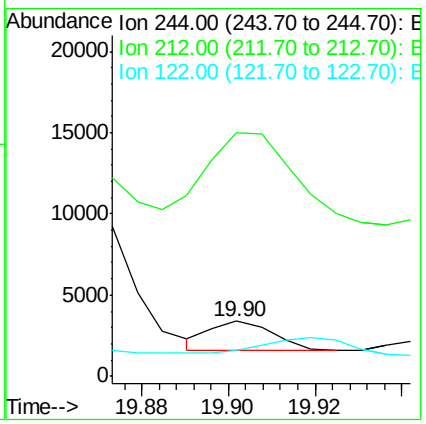


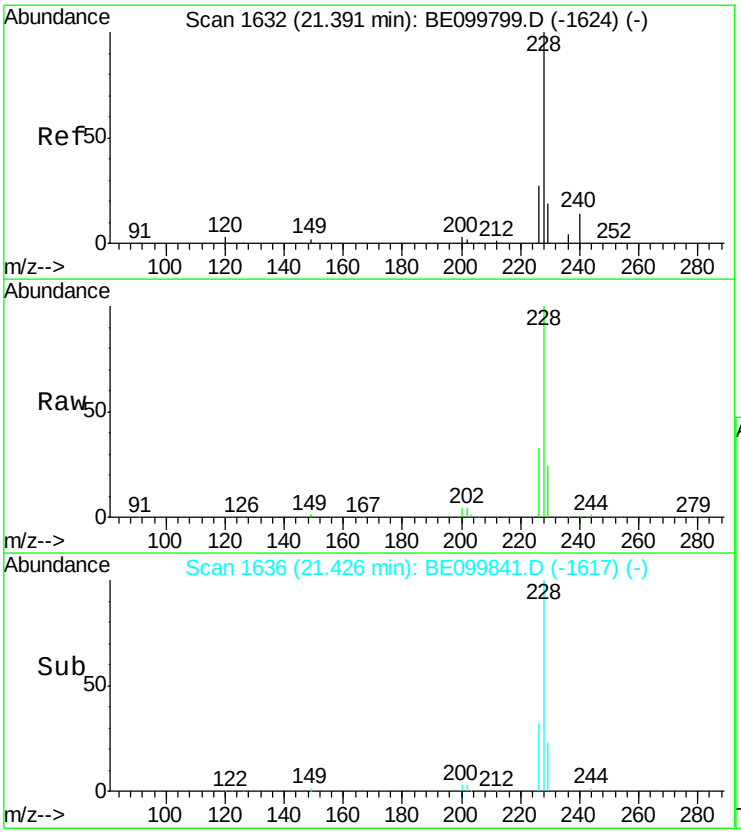
#29
Terphenyl-d14
Concen: 0.083 ng
RT: 19.90 min Scan# 1504
Delta R.T. 0.05 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:244 Resp: 1822

Ion	Ratio	Lower	Upper
244	100		
212	442.5	23.7	35.5#
122	47.2	4.8	7.2#

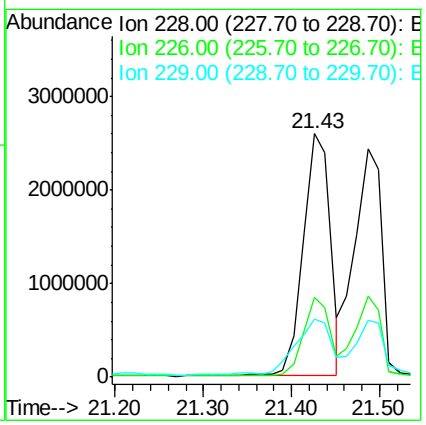


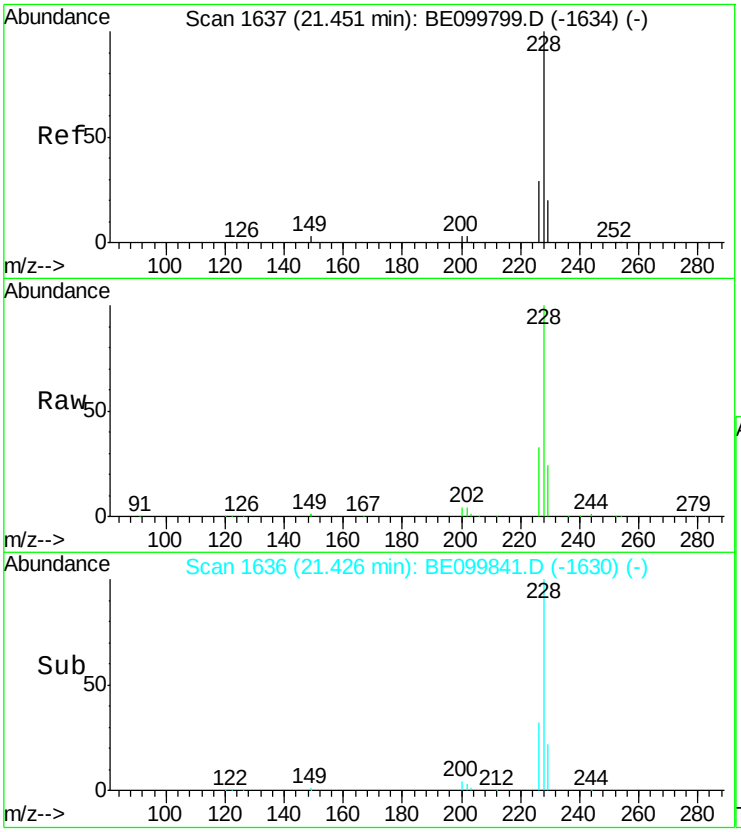


#30
Benzo(a)anthracene
Concen: 151.841 ng
RT: 21.43 min Scan# 1636
Delta R.T. 0.04 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:228 Resp: 5603160

Ion	Ratio	Lower	Upper
228	100		
226	32.6	21.6	32.4#
229	23.7	15.8	23.6#



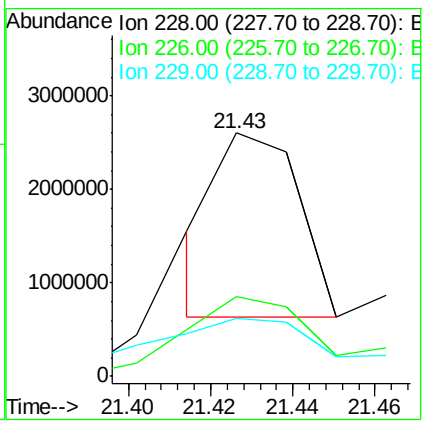


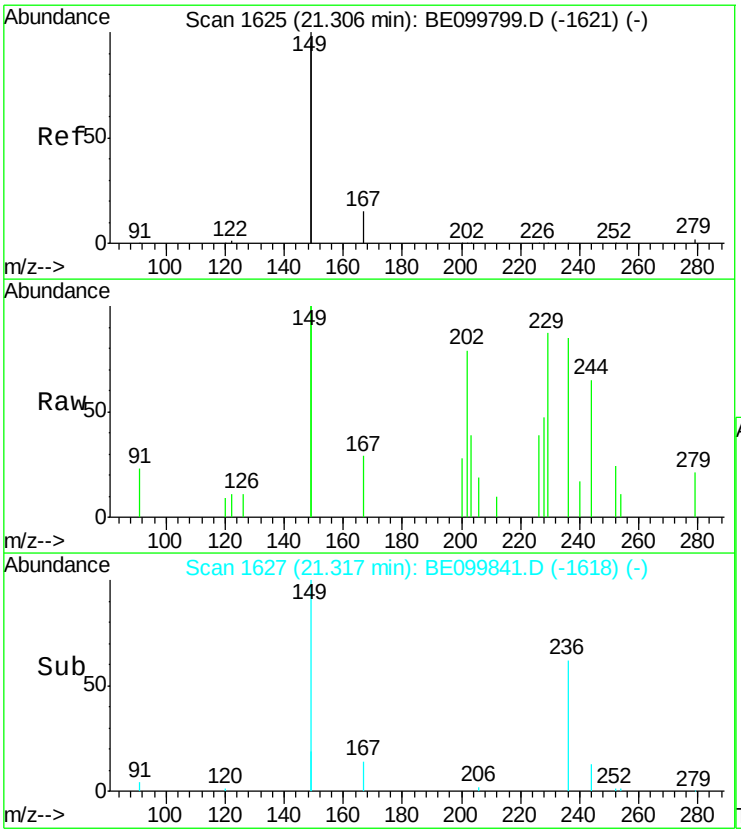
#31
Chrysene
Concen: 66.456 ng
RT: 21.43 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:228 Resp: 2710022

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.9	34.3
229	23.7	16.4	24.6

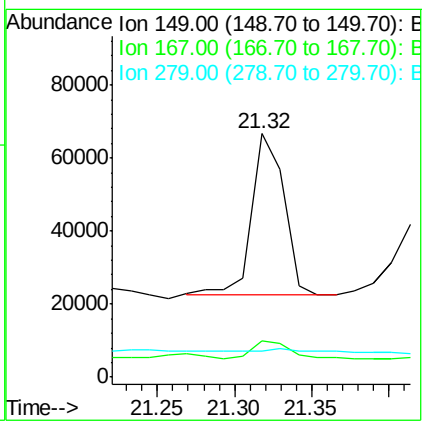


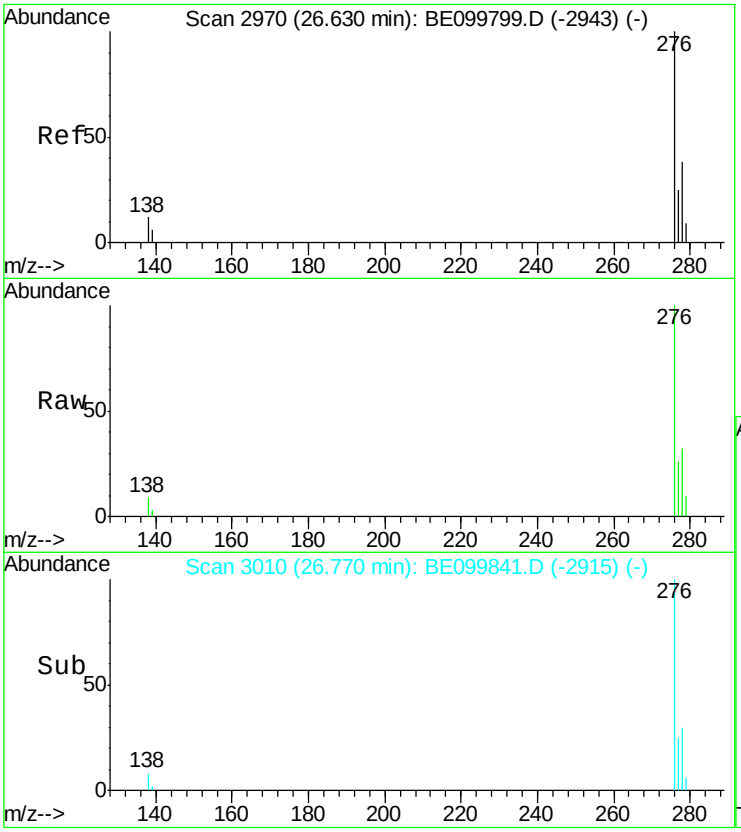


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.516 ng
RT: 21.32 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:149 Resp: 64214

Ion	Ratio	Lower	Upper
149	100		
167	13.0	6.0	9.0#
279	0.0	1.2	1.8#



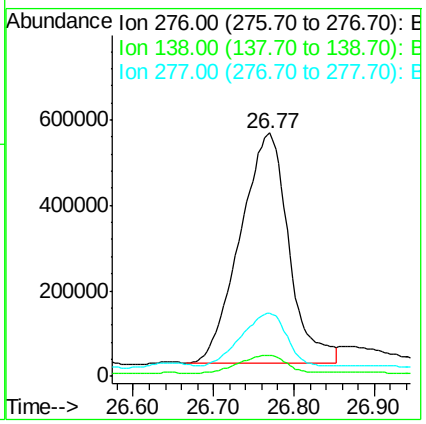


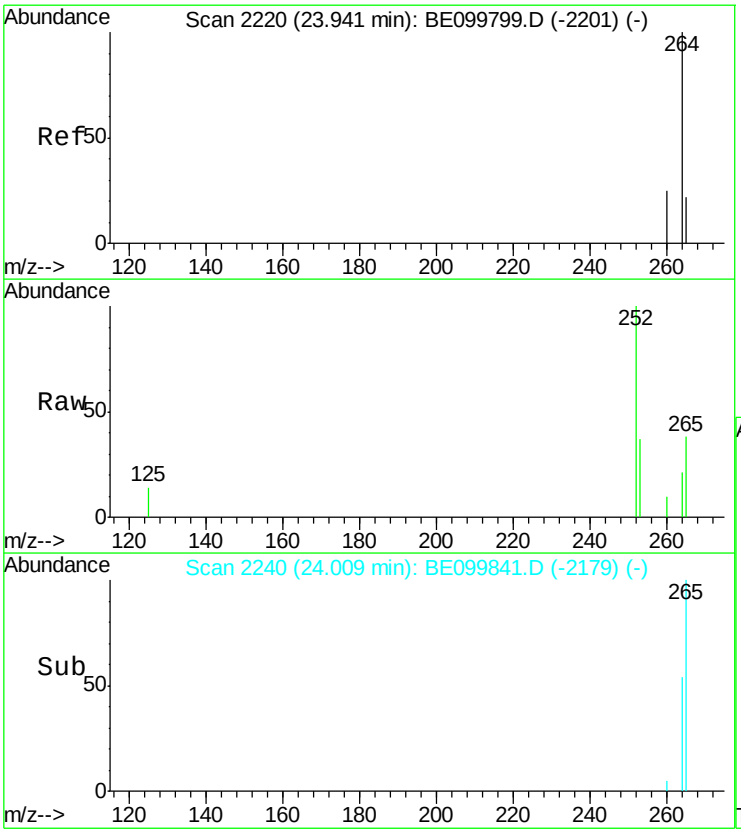
#33
Indeno(1,2,3-cd)pyrene
Concen: 46.223 ng
RT: 26.77 min Scan# 3010
Delta R.T. 0.14 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:276 Resp: 2258121

Ion	Ratio	Lower	Upper
276	100		
138	7.7	10.3	15.5#
277	22.4	19.4	29.2

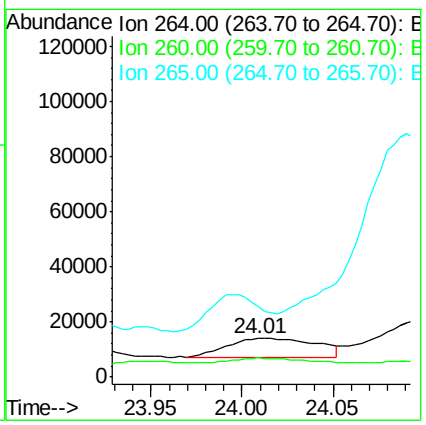


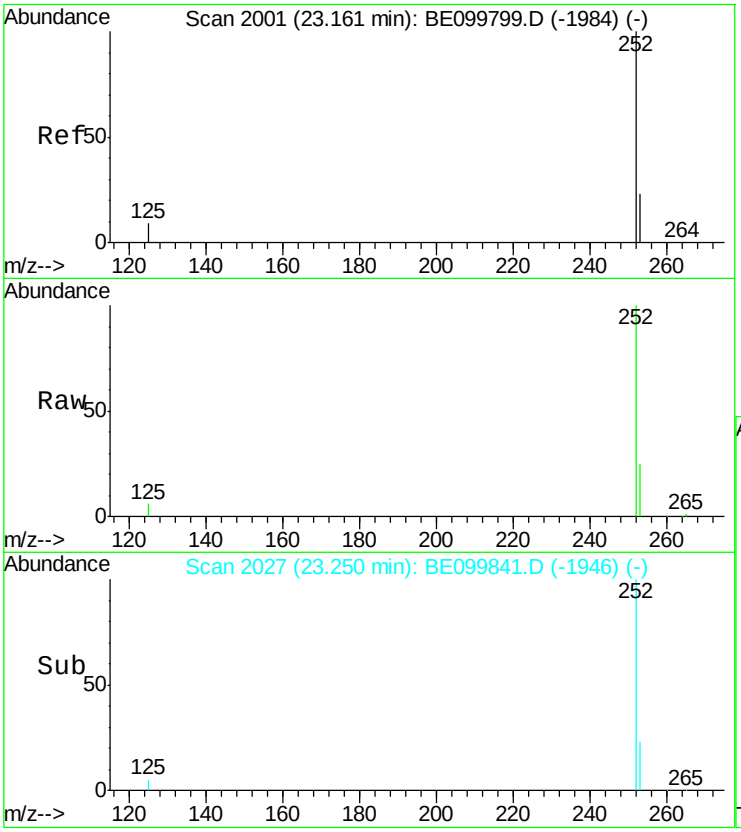


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2240
Delta R.T. 0.07 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:264 Resp: 23077

Ion	Ratio	Lower	Upper
264	100		
260	49.1	20.0	30.0#
265	182.7	20.7	31.1#



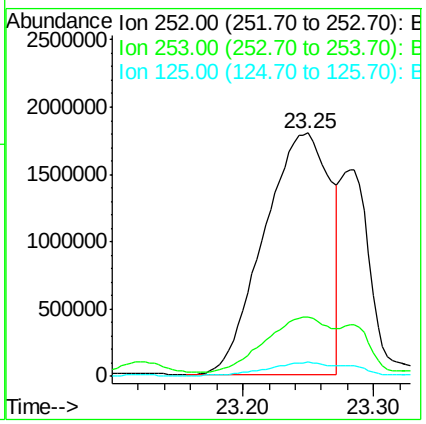


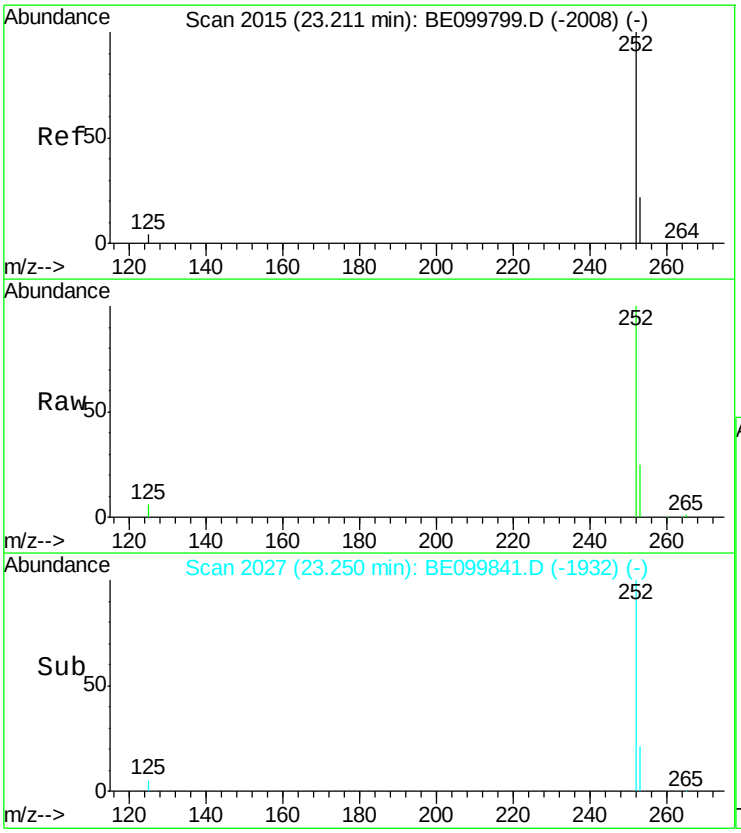
#35
Benzo(b)fluoranthene
Concen: 98.470 ng
RT: 23.25 min Scan# 2027
Delta R.T. 0.09 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:252 Resp: 6290967

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	5.8	7.6	11.4#

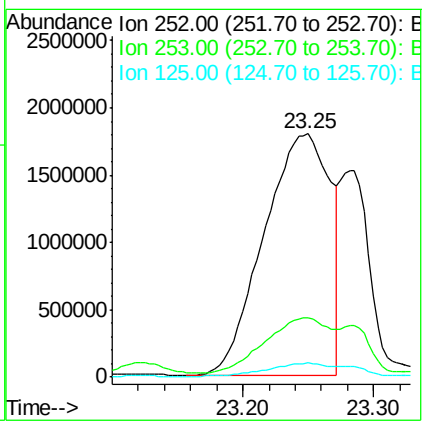


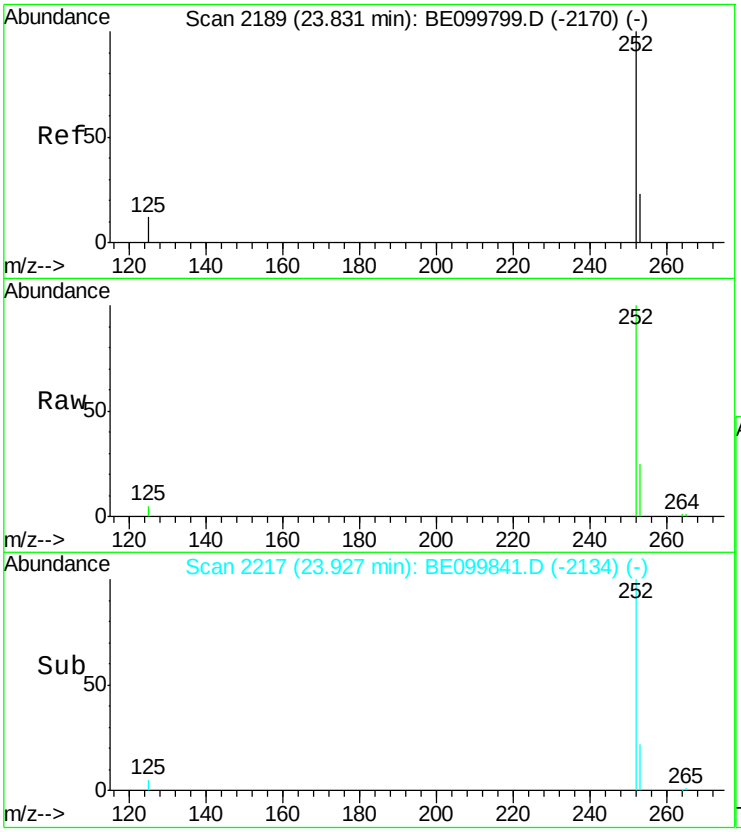


#36
Benzo(k)fluoranthene
Concen: 92.758 ng
RT: 23.25 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:252 Resp: 6290967

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	5.8	4.6	7.0



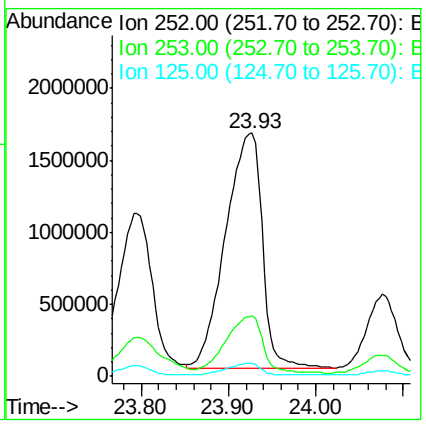


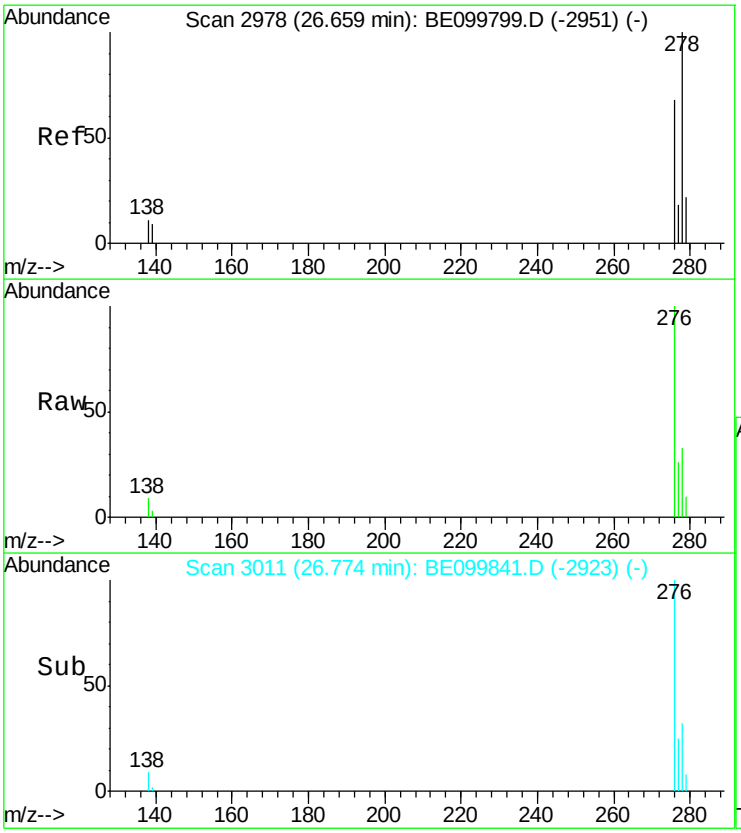
#37
Benzo(a)pyrene
Concen: 76.763 ng
RT: 23.93 min Scan# 2217
Delta R.T. 0.10 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:252 Resp: 4754204

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.3	28.9
125	5.4	10.2	15.4#

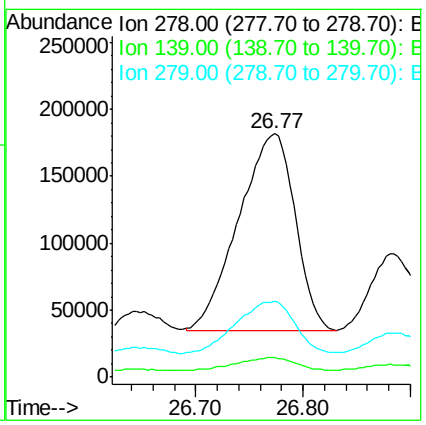


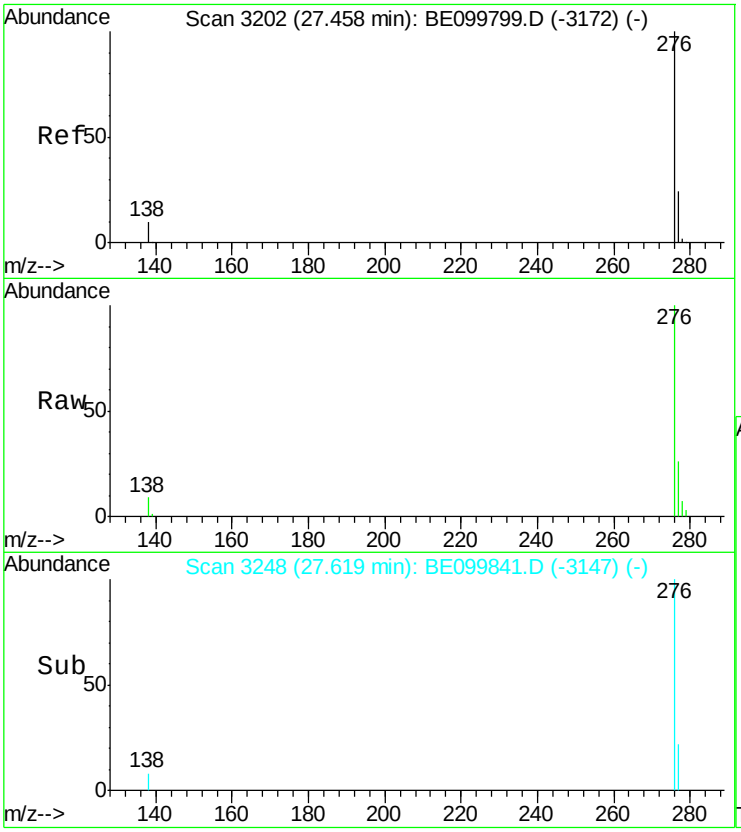


#38
Dibenzo(a,h)anthracene
Concen: 8.502 ng
RT: 26.77 min Scan# 3011
Delta R.T. 0.11 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Tgt Ion:278 Resp: 535625

Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.9	11.9
279	30.9	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 30.429 ng
RT: 27.62 min Scan# 3248
Delta R.T. 0.16 min
Lab File: BE099841.D
Acq: 7 Jun 2019 2:51

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MSD

Tgt Ion:276 Resp: 2013981

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.6	29.4
138	9.0	9.0	13.4#