Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
Data File : BE099246.D
Acq On : 27 Mar 2019 12:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 27 14:16:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5253	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	24412	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	18554	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	48936	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	56318	0.40	ng		-0.01
34) Perylene-d12	23.89	264	50447	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	5217	0.33	ng		0.00
5) Phenol-d6	6.99	99	8228	0.34	ng		0.00
8) Nitrobenzene-d5	8.98	82	6756	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	16649	0.35	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	2153	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	25366	0.34	ng		0.00
25) Fluoranthene-d10	19.23	212	204608	0.35	ng		0.00
29) Terphenyl-d14	19.83	244	40139	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2238	0.323	ng		97
3) n-Nitrosodimethylamine	3.66	42	1243	0.321	ng	#	91
6) bis(2-Chloroethyl)ether	7.25	93	6247	0.331	ng		97
9) Naphthalene	10.67	128	99313	0.345	ng		99
10) Hexachlorobutadiene	10.95	225	5218	0.340	ng		96
12) 2-Methylnaphthalene	12.30	142	17814	0.346	ng		98
16) Acenaphthylene	14.20	152	30560	0.323	ng		99
17) Acenaphthene	14.53	154	19133	0.338	ng		98
18) Fluorene	15.50	166	26852	0.337	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	9889	0.313	ng	#	83
21) Hexachlorobenzene	16.51	284	9910	0.325	ng		99
22) Pentachlorophenol	16.85	266	1286	0.522	ng		91
23) Phenanthrene	17.24	178	47209	0.329	ng		100
24) Anthracene	17.34	178	40948	0.315	ng		100
26) Fluoranthene	19.26	202	60462	0.330	ng		99
28) Pyrene	19.63	202	61940	0.331	ng		100
30) Benzo(a)anthracene	21.37	228	58743	0.316	ng		99
31) Chrysene	21.41	228	64630	0.325	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	73833	0.333	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	41569	0.221	ng	#	91
35) Benzo(b)fluoranthene	23.17	252	60947	0.367	ng		99
36) Benzo(k)fluoranthene	23.17	252	62142	0.354	ng		99
37) Benzo(a)pyrene	23.77	252	52381	0.338	ng	#	94
38) Dibenzo(a,h)anthracene	26.57	278	30944	0.225	ng	#	85
39) Benzo(g,h,i)perylene	27.37	276	34511	0.250	ng		98

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

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 27 14:16:07 2019
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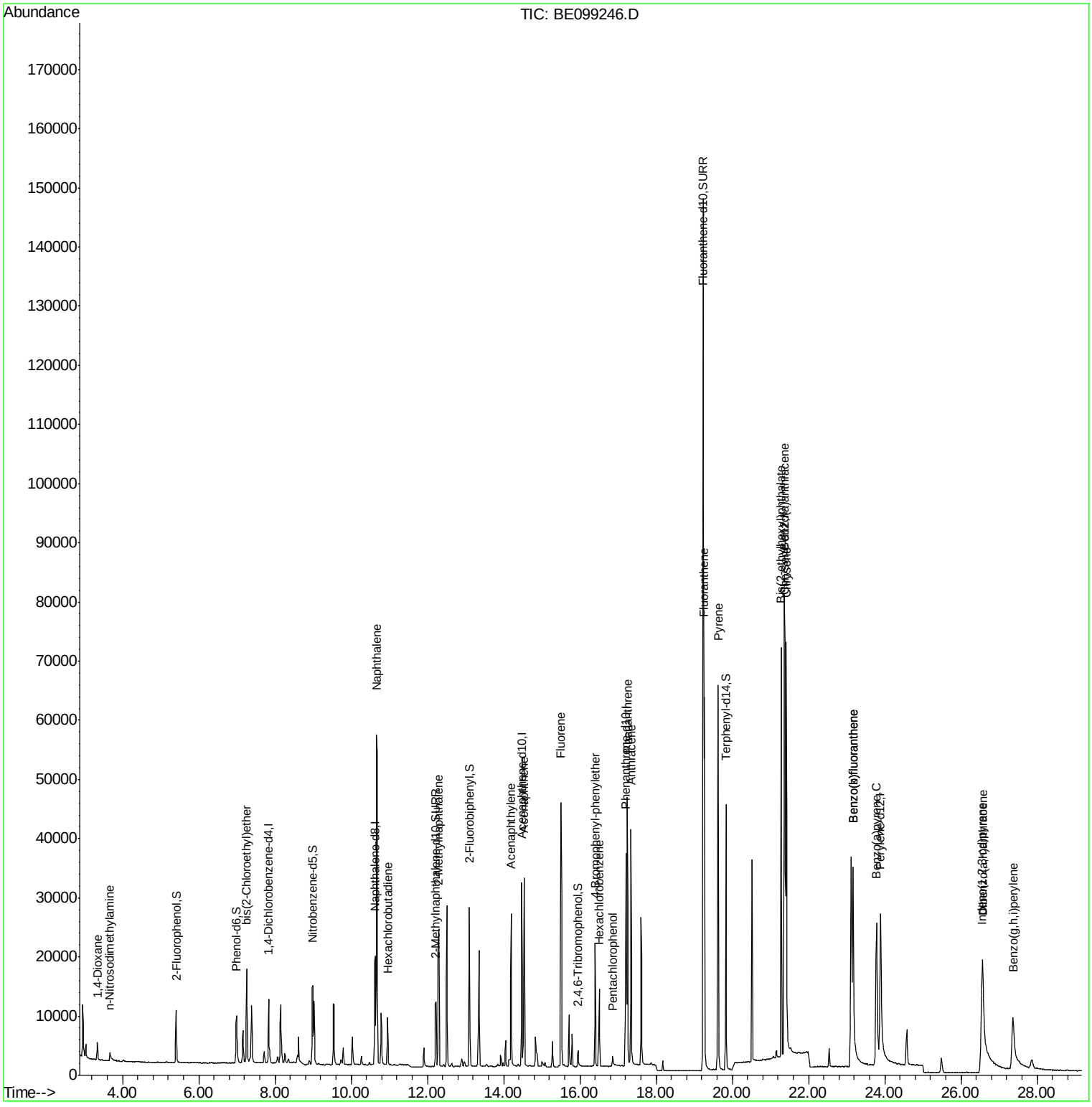
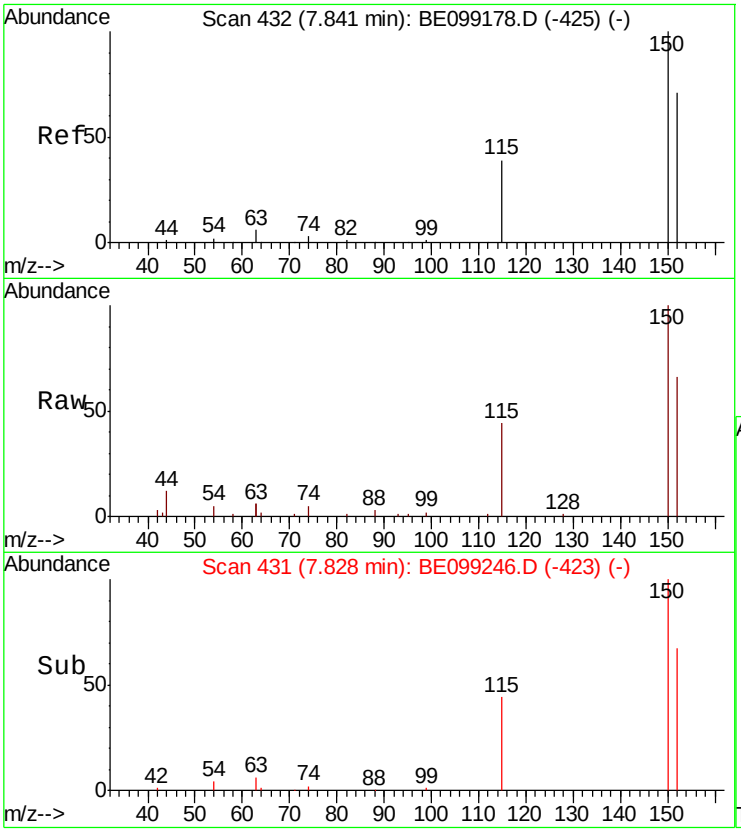
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



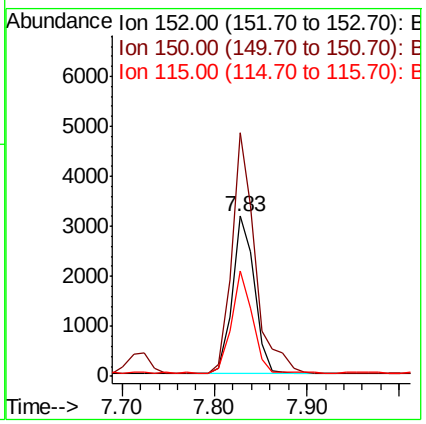


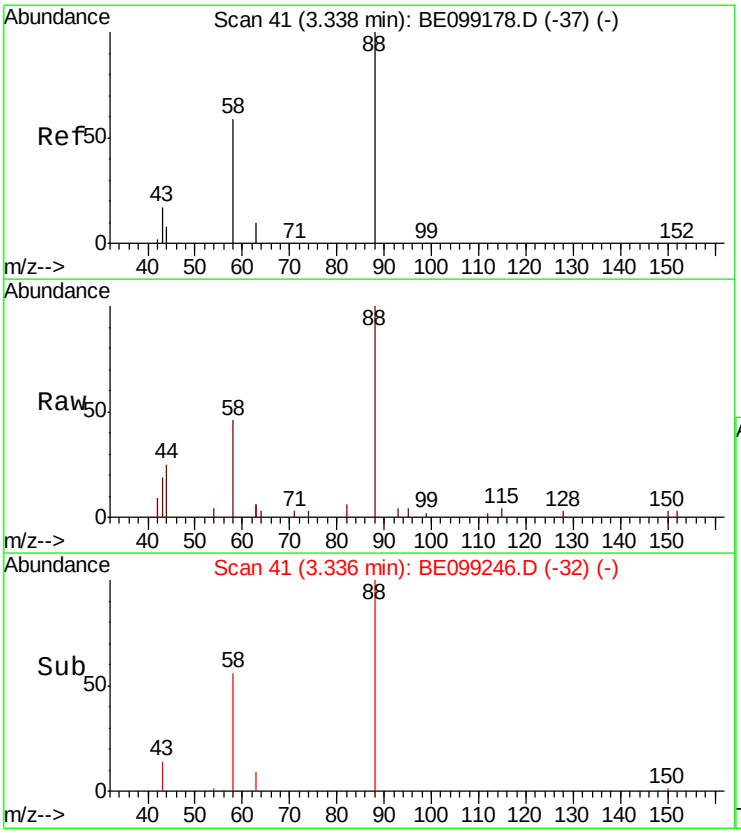
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5253

Ion	Ratio	Lower	Upper
152	100		
150	152.1	112.8	169.2
115	66.2	45.1	67.7

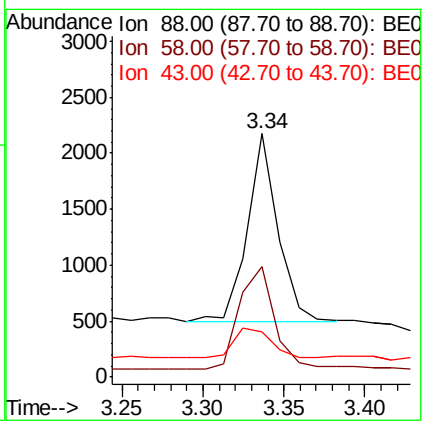


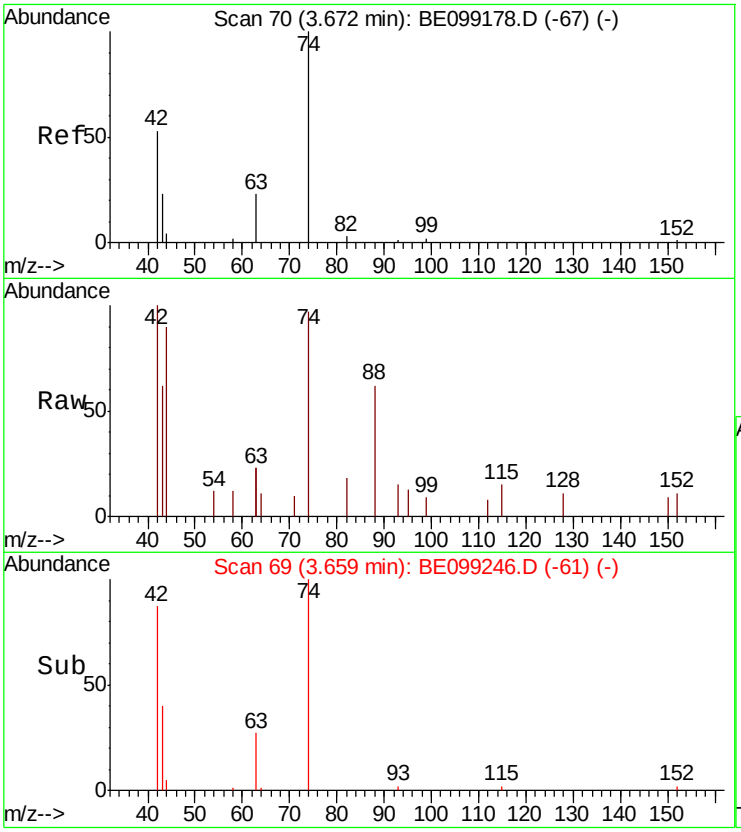


#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion: 88 Resp: 2238

Ion	Ratio	Lower	Upper
88	100		
58	61.6	47.4	71.0
43	18.3	15.6	23.4



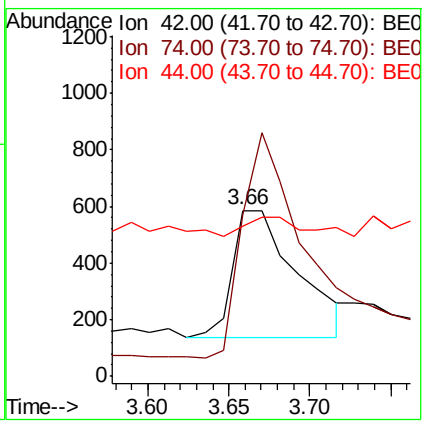


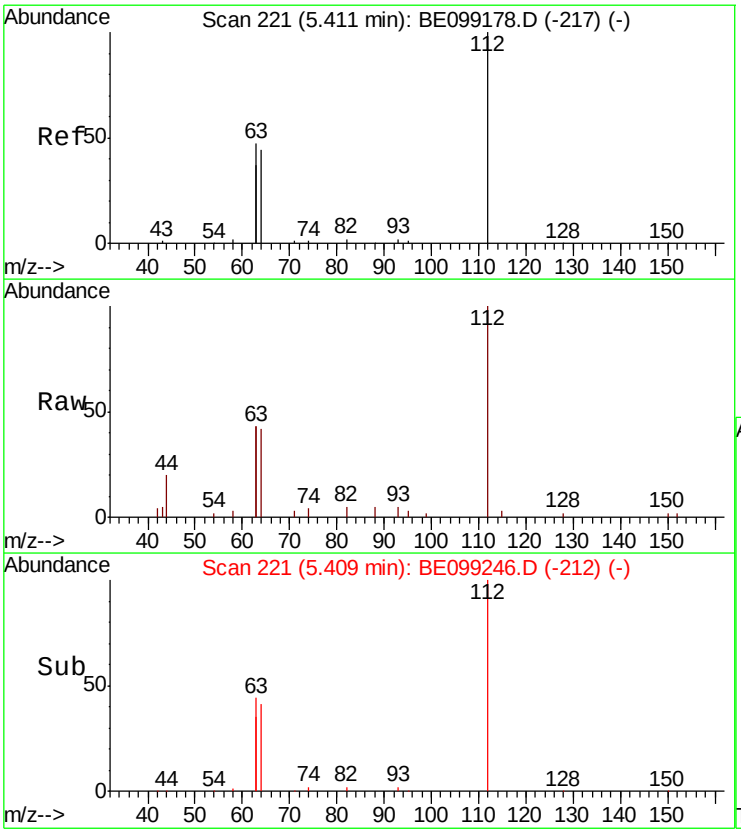
#3
n-Nitrosodimethylamine
Concen: 0.321 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1243

Ion	Ratio	Lower	Upper
42	100		
74	161.8	138.6	207.8
44	12.3	15.0	22.6#

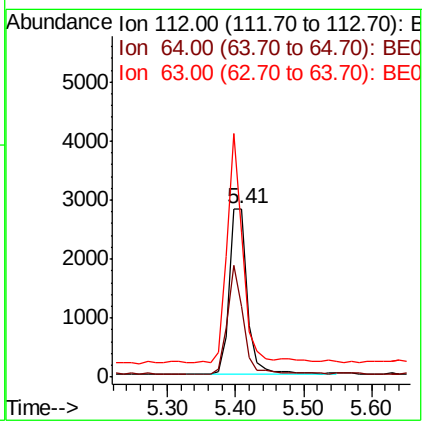


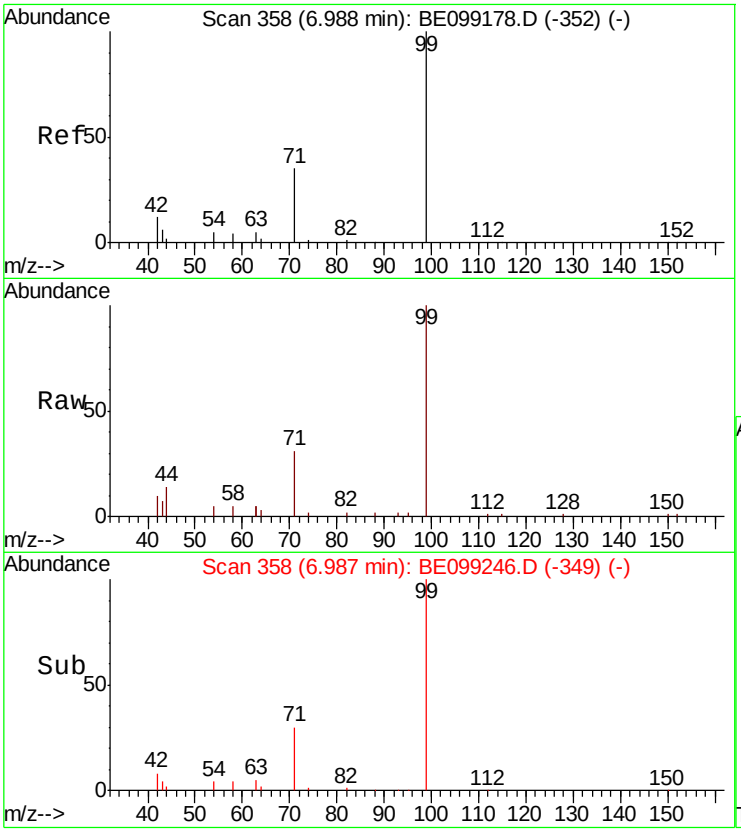


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:112 Resp: 5217

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.2	69.2
63	122.7	89.9	134.9



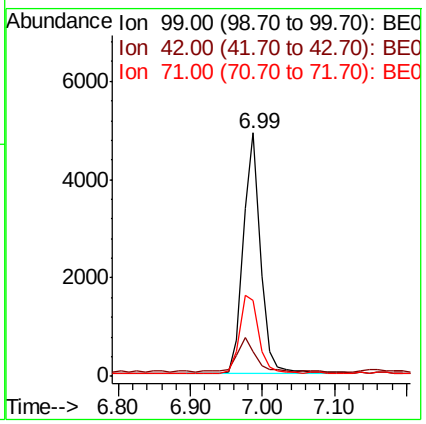


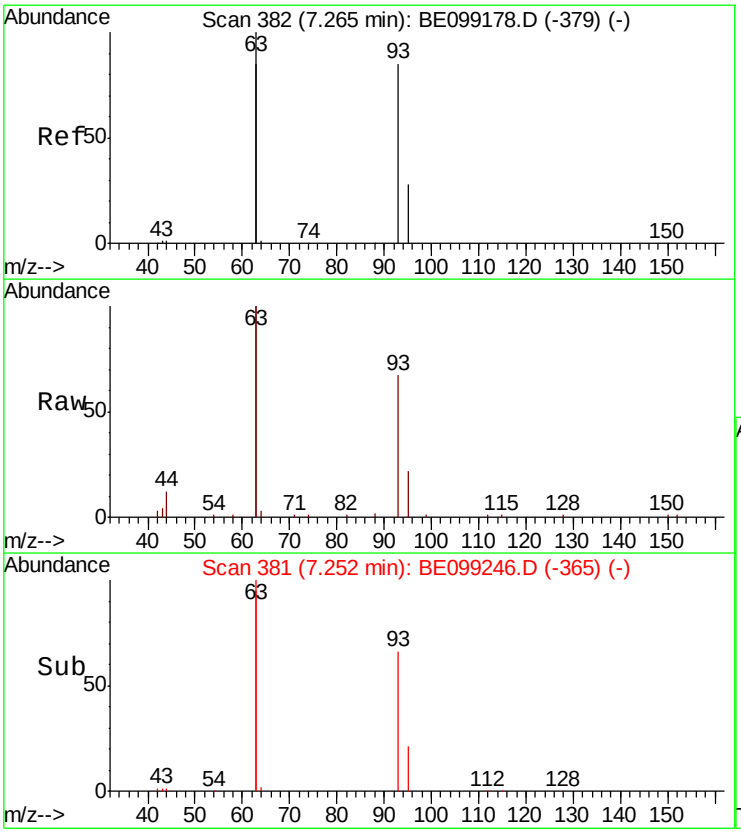
#5
Phenol-d6
Concen: 0.343 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8228

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.4	18.6
71	35.7	28.4	42.6

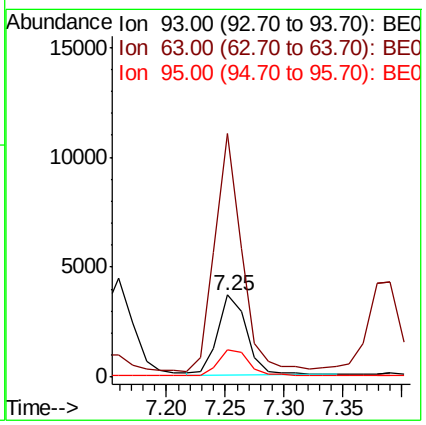


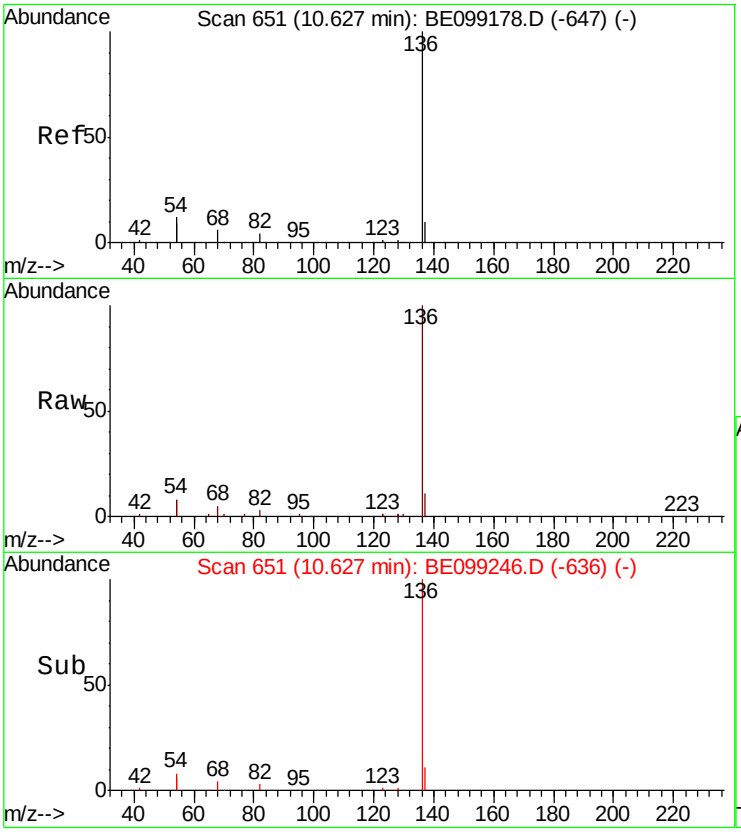


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion: 93 Resp: 6247

Ion	Ratio	Lower	Upper
93	100		
63	270.8	221.4	332.0
95	33.8	25.8	38.8



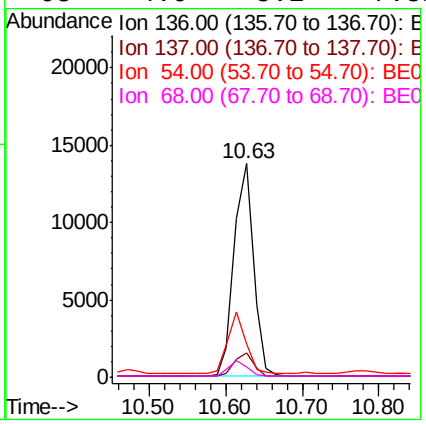


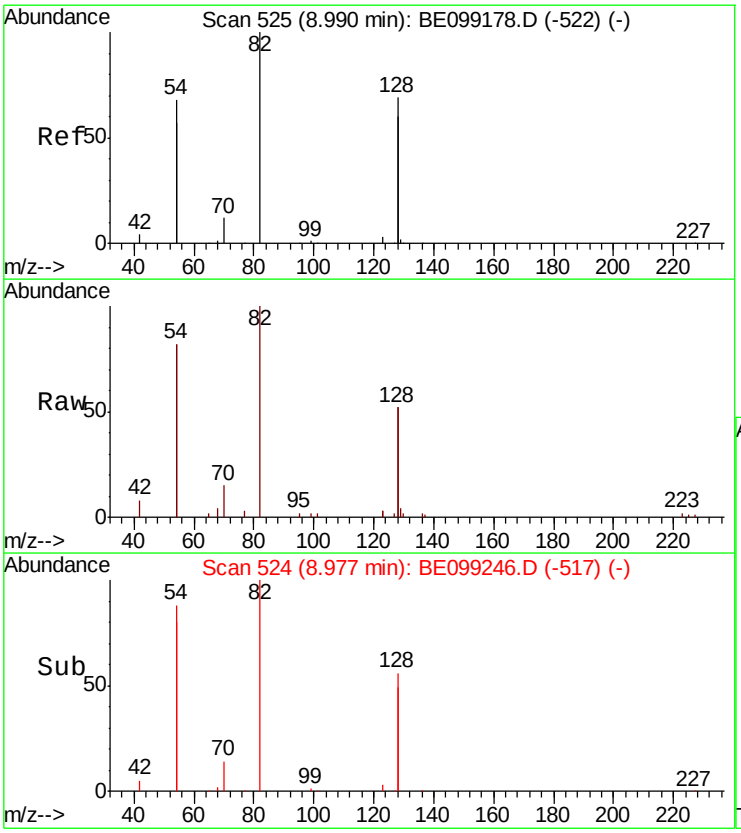
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 24412

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	15.8	18.7	28.1#
68	4.9	5.2	7.8#

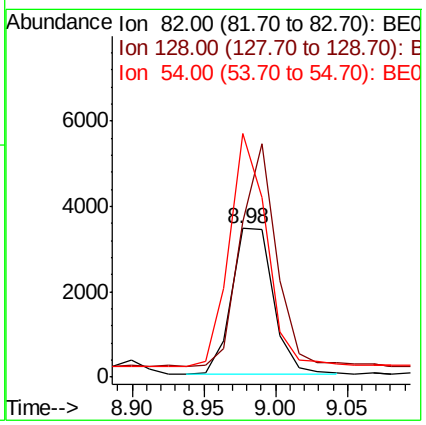


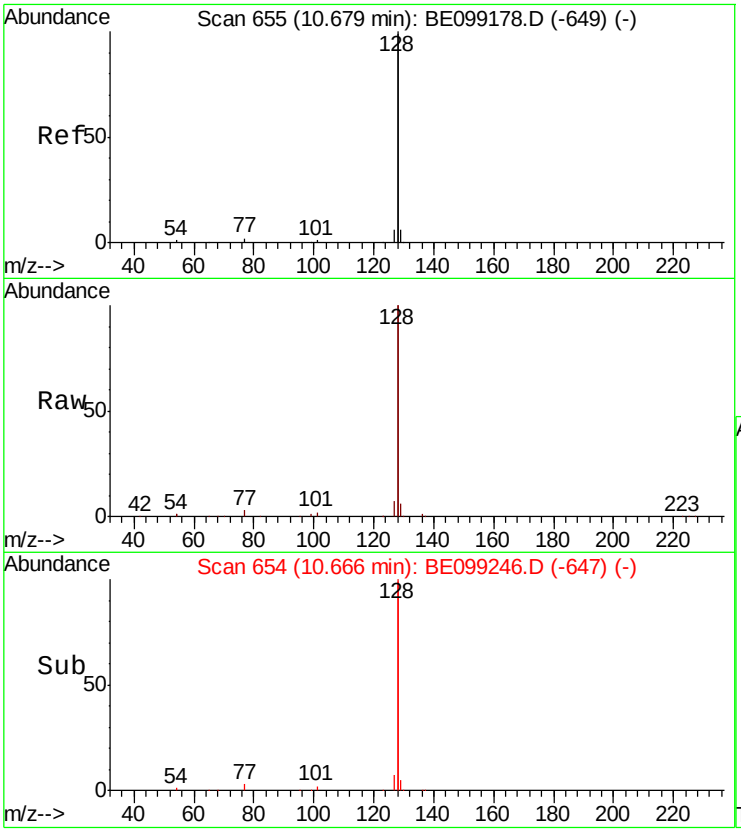


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion: 82 Resp: 6756

Ion	Ratio	Lower	Upper
82	100		
128	105.0	107.5	161.3#
54	164.1	106.3	159.5#



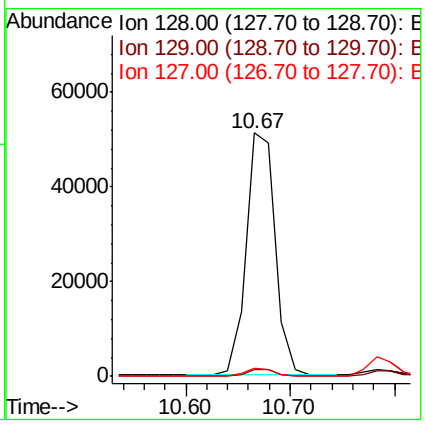


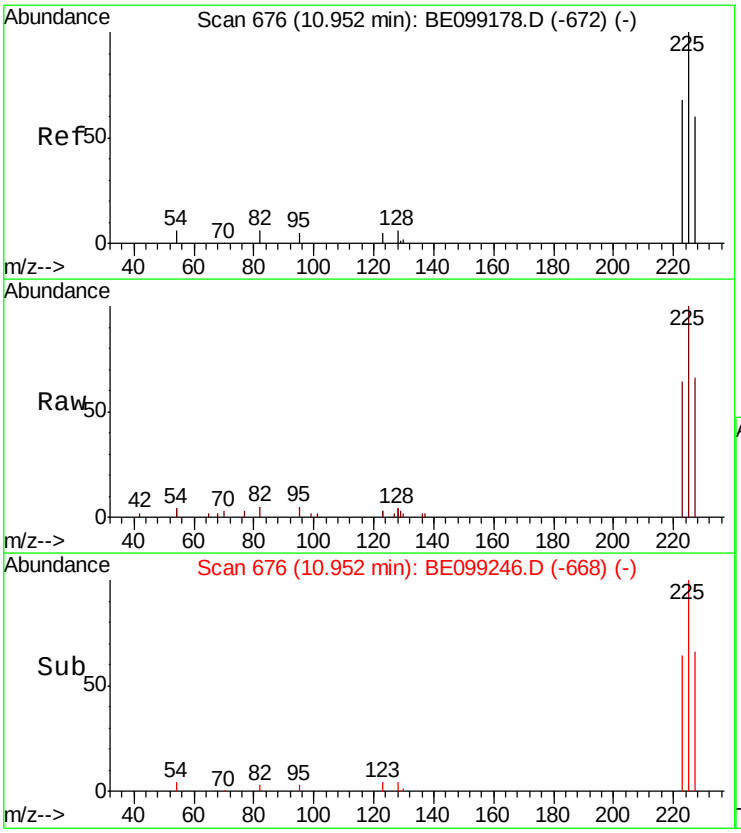
#9
Naphthalene
Concen: 0.345 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 99313

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.5	2.6	3.8

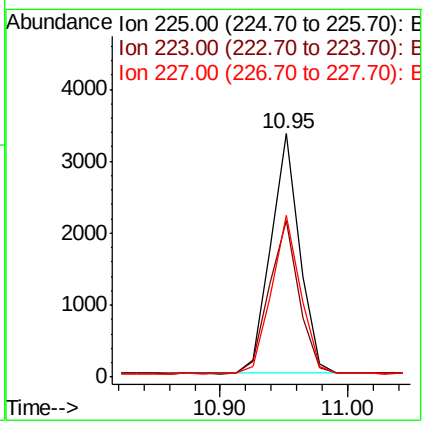


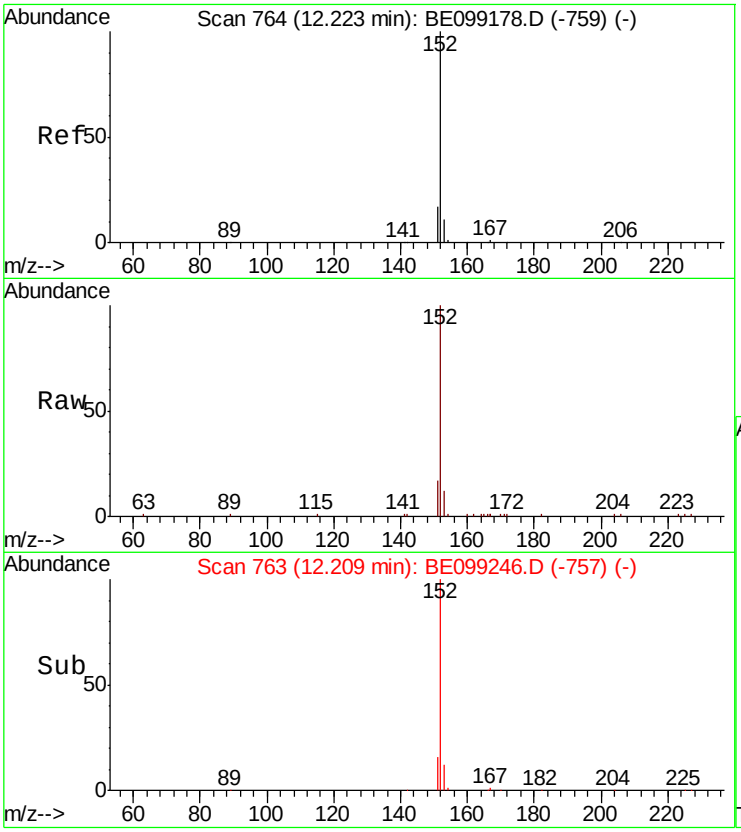


#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:225 Resp: 5218

Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.3	76.9
227	66.0	48.6	73.0



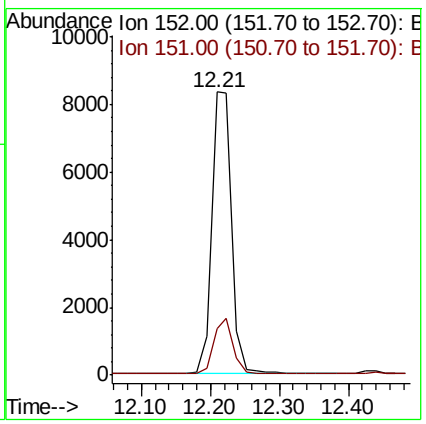


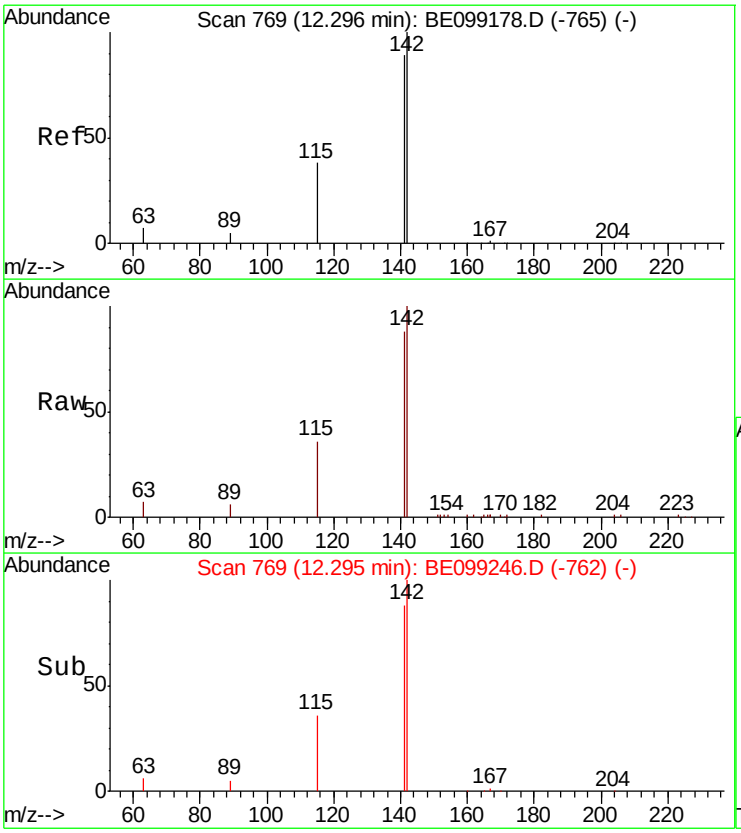
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 16649

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

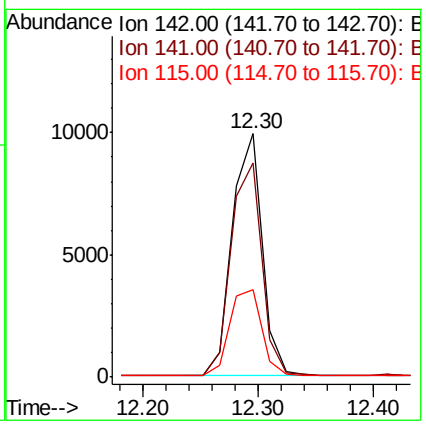


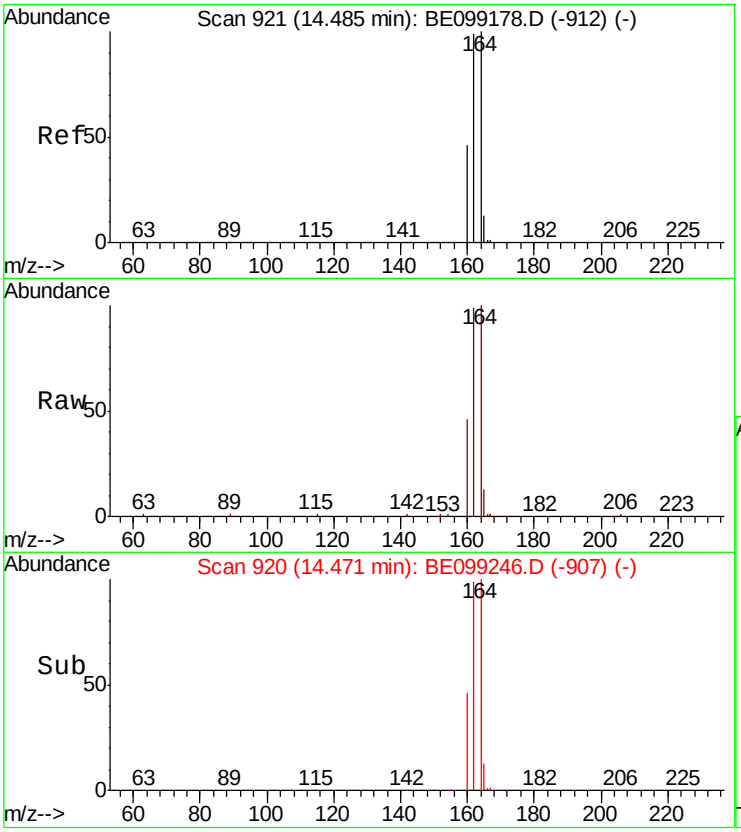


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:142 Resp: 17814

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	35.9	30.4	45.6



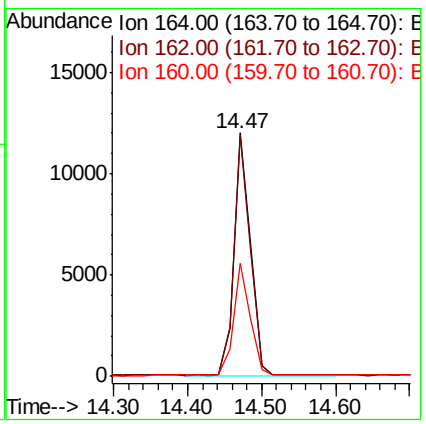


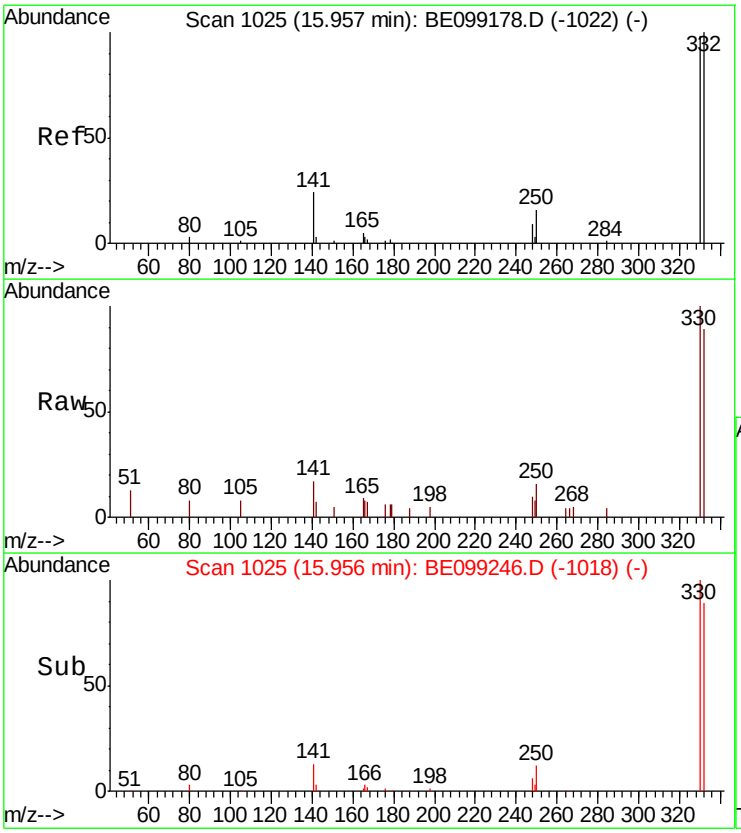
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 18554

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.2	118.8
160	46.2	36.7	55.1

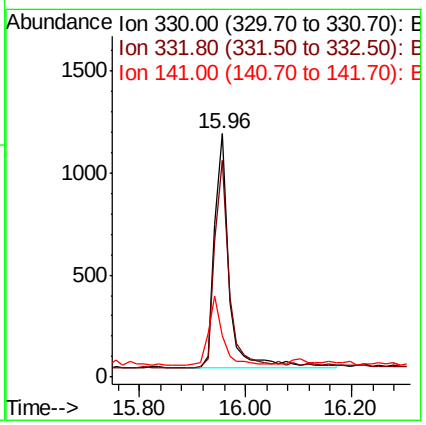


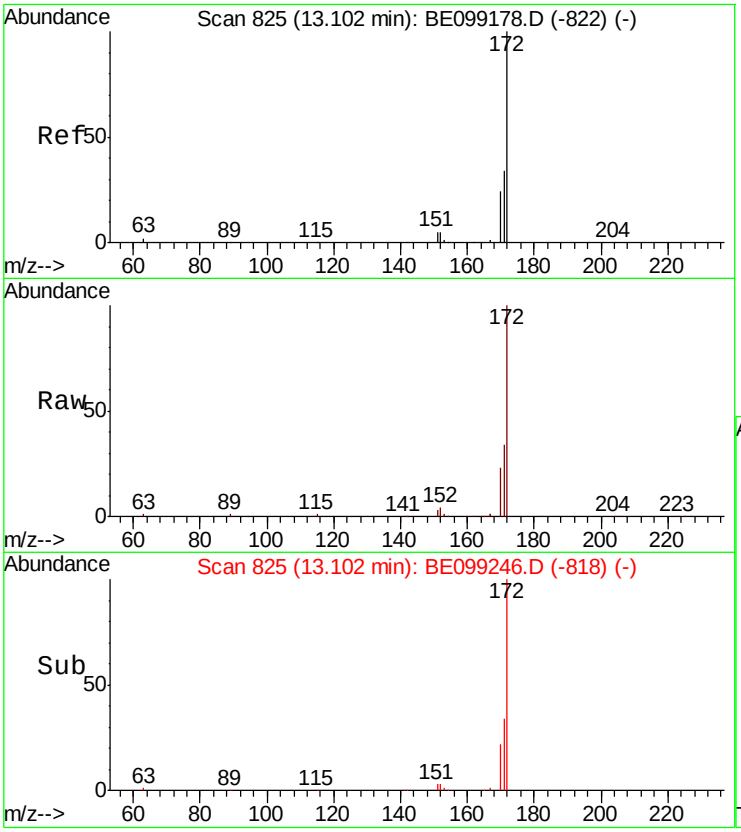


#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:330 Resp: 2153

Ion	Ratio	Lower	Upper
330	100		
332	95.4	71.3	106.9
141	29.6	21.7	32.5



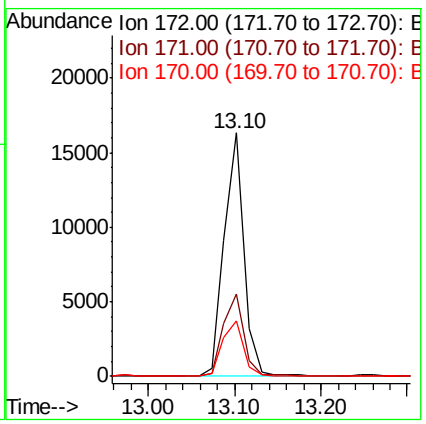


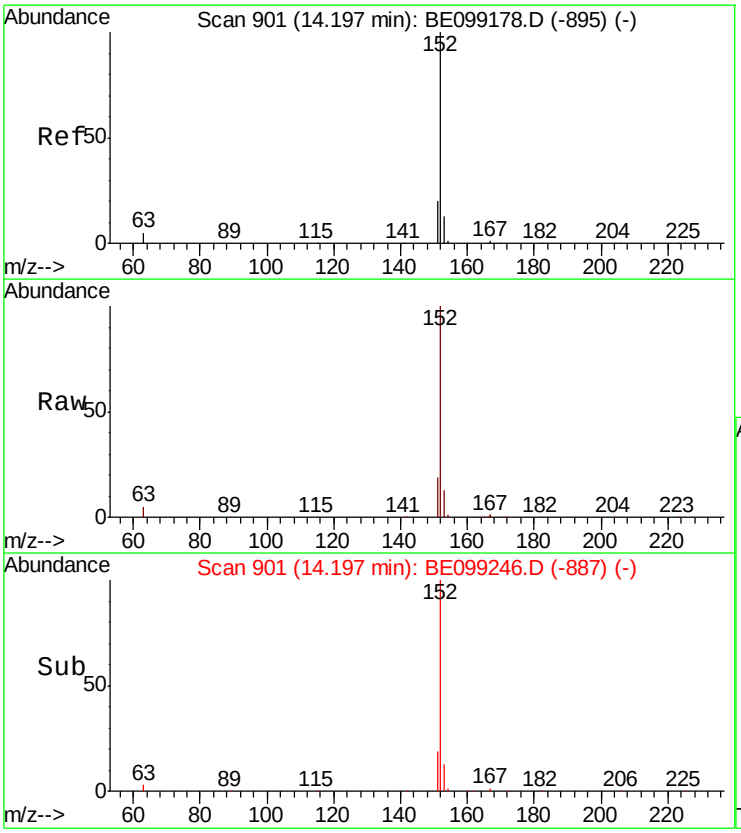
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 25366

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.7	19.1	28.7

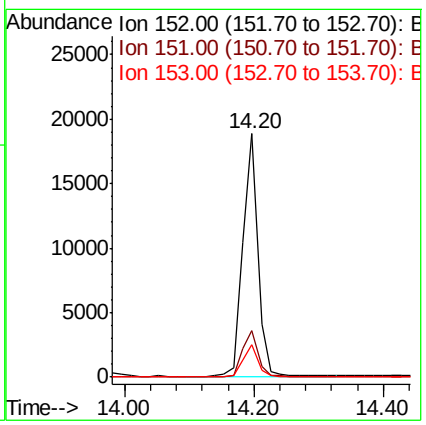


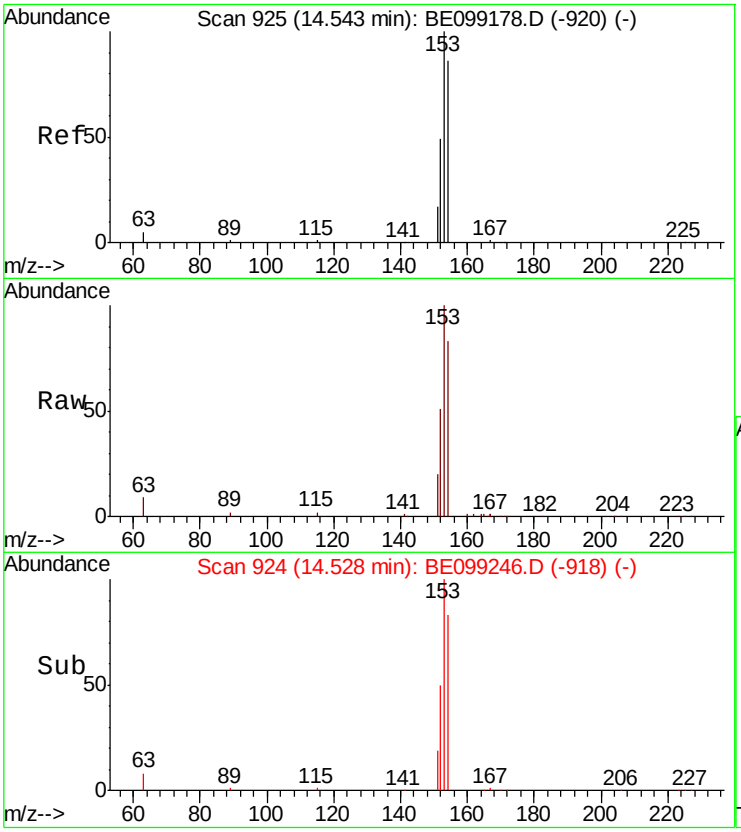


#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:152 Resp: 30560

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.9	10.6	15.8



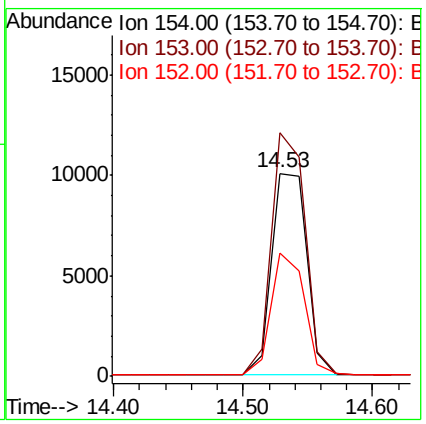


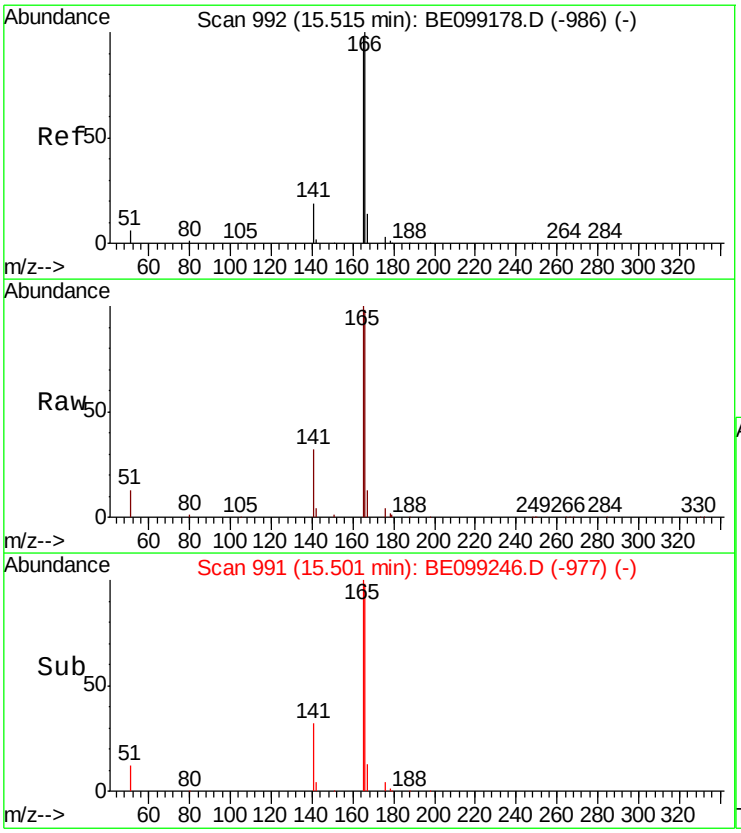
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 19133

Ion	Ratio	Lower	Upper
154	100		
153	115.1	93.4	140.0
152	56.7	46.6	69.8

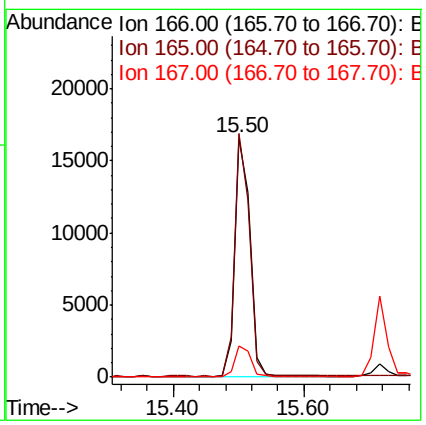


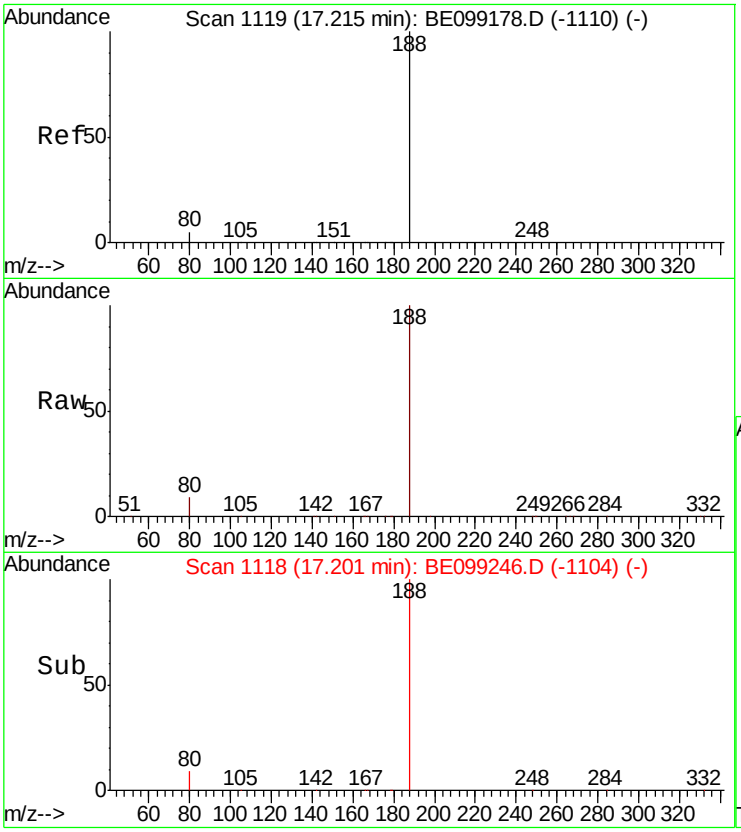


#18
Fluorene
Concen: 0.337 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:166 Resp: 26852

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.9	118.3
167	13.4	10.9	16.3



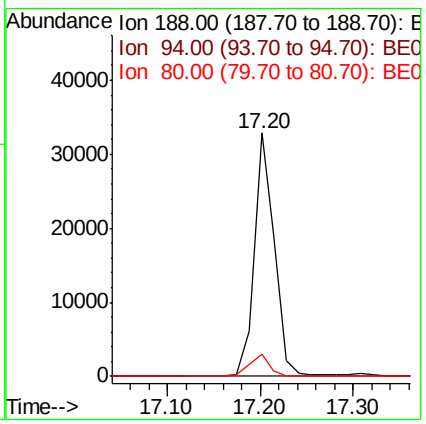


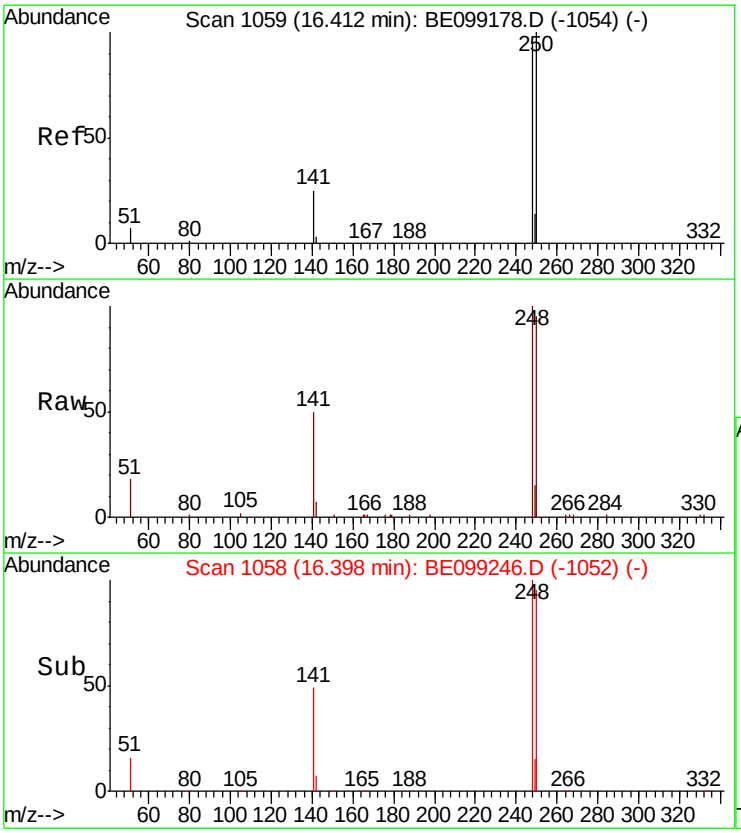
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 48936

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	4.5	6.7#

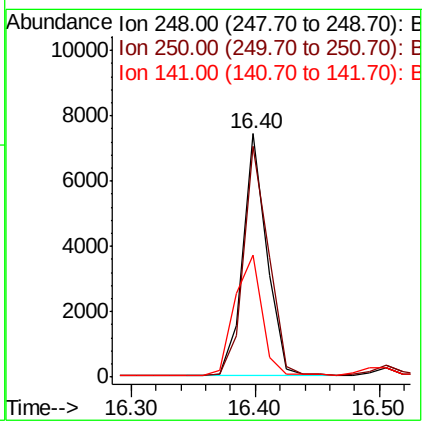


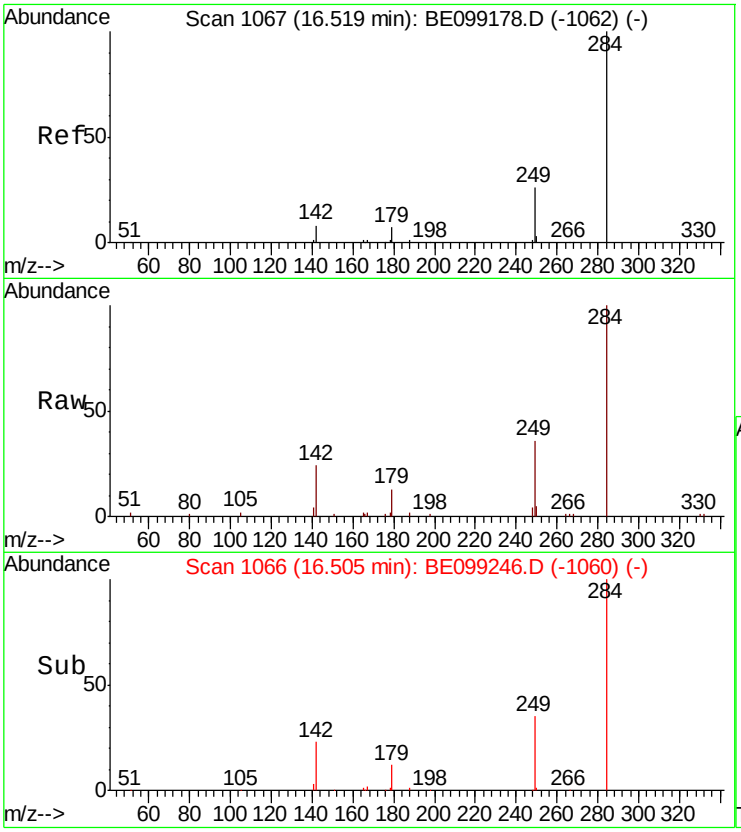


#20
4-Bromophenyl-phenylether
Concen: 0.313 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:248 Resp: 9889

Ion	Ratio	Lower	Upper
248	100		
250	94.6	84.2	126.2
141	49.9	21.8	32.6#



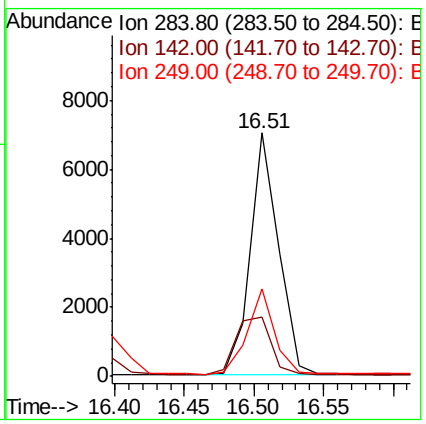


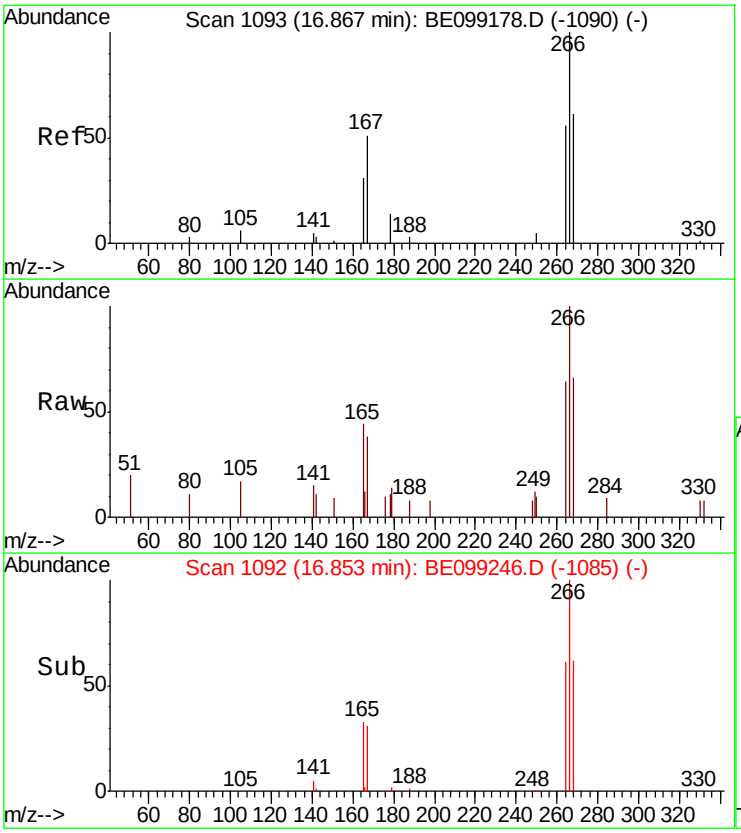
#21
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9910

Ion	Ratio	Lower	Upper
284	100		
142	29.2	22.7	34.1
249	33.5	26.9	40.3

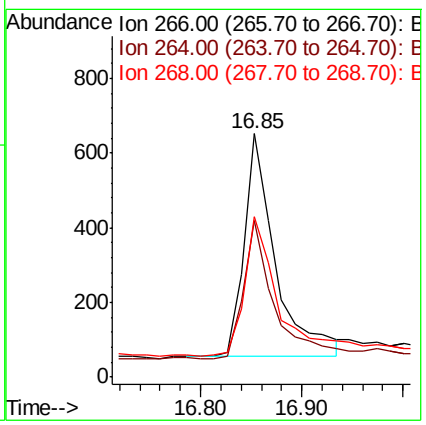


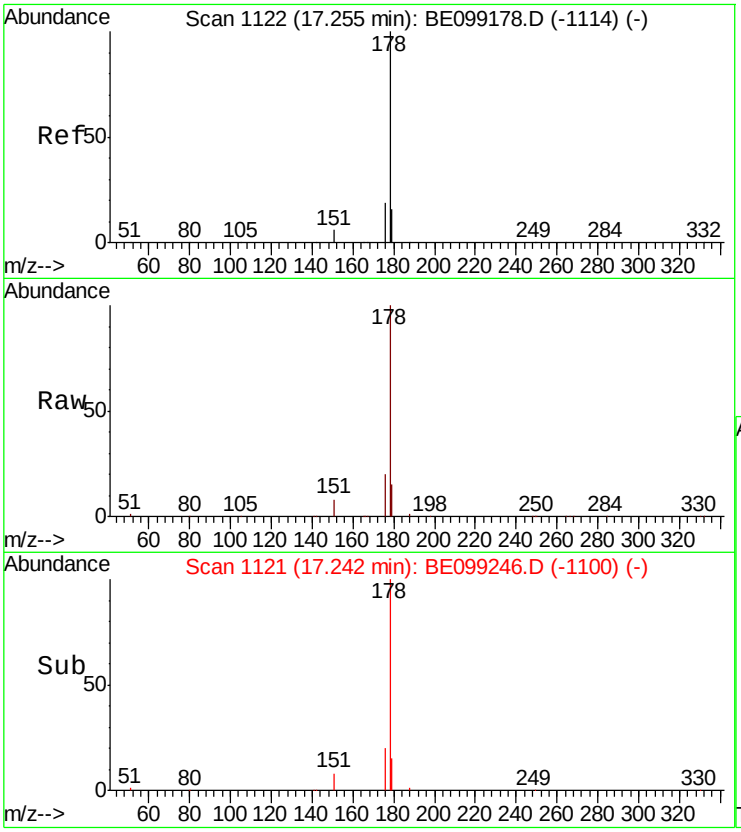


#22
Pentachlorophenol
Concen: 0.522 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:266 Resp: 1286

Ion	Ratio	Lower	Upper
266	100		
264	64.1	54.4	81.6
268	66.0	61.3	91.9



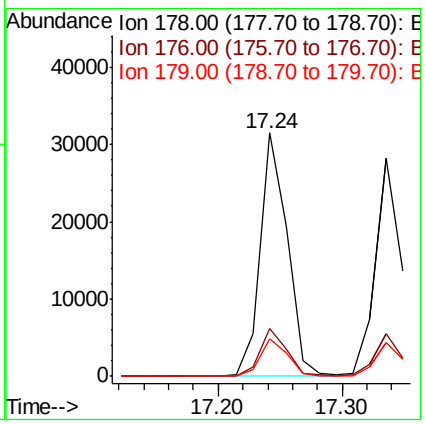


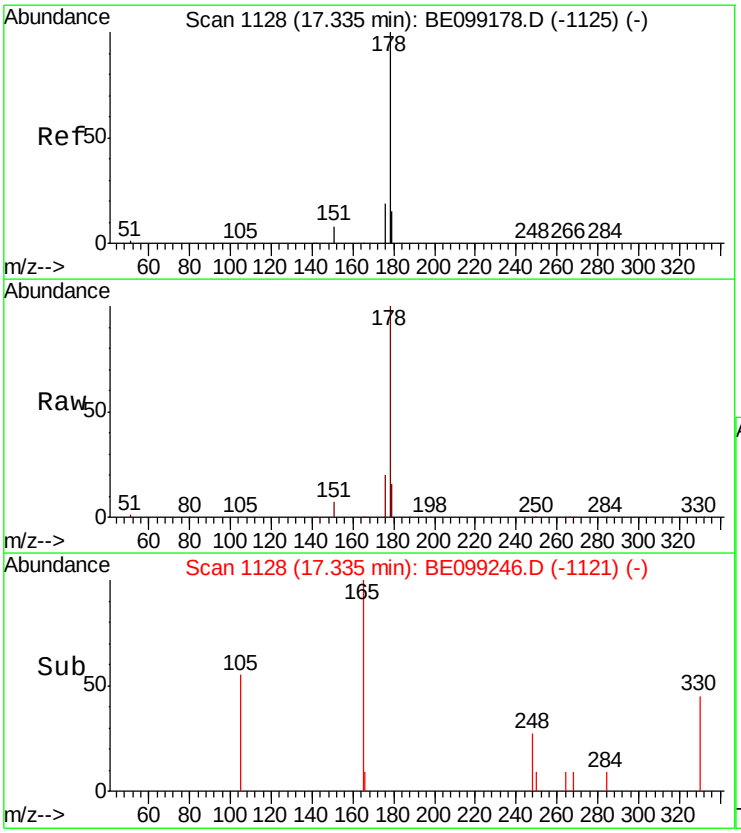
#23
Phenanthrene
Concen: 0.329 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 47209

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.3	18.5

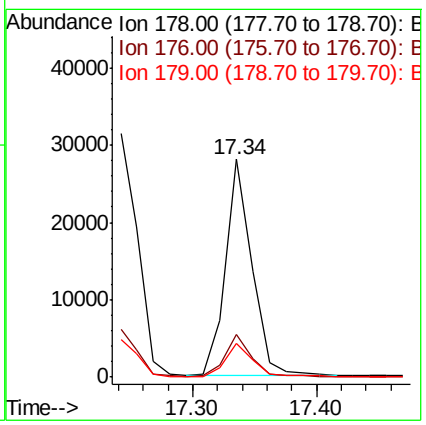


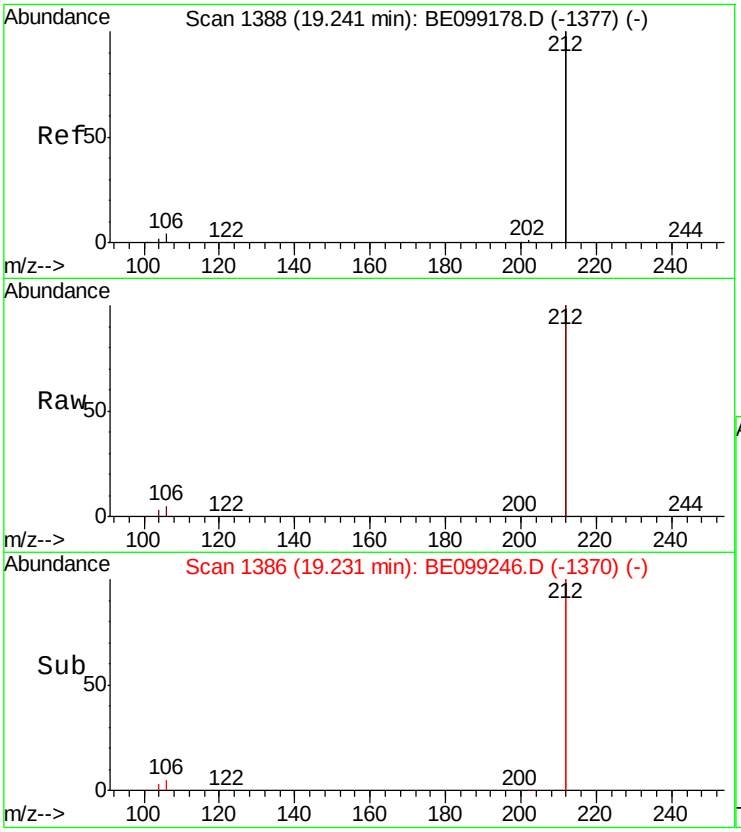


#24
Anthracene
Concen: 0.315 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:178 Resp: 40948

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.6	12.4	18.6



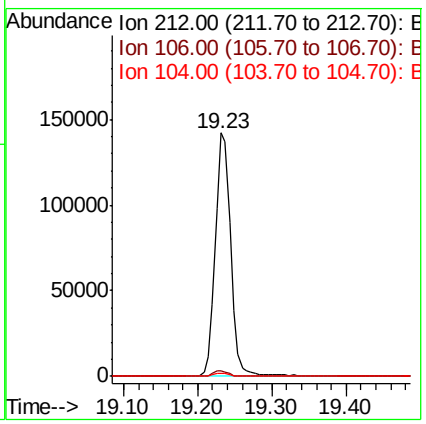


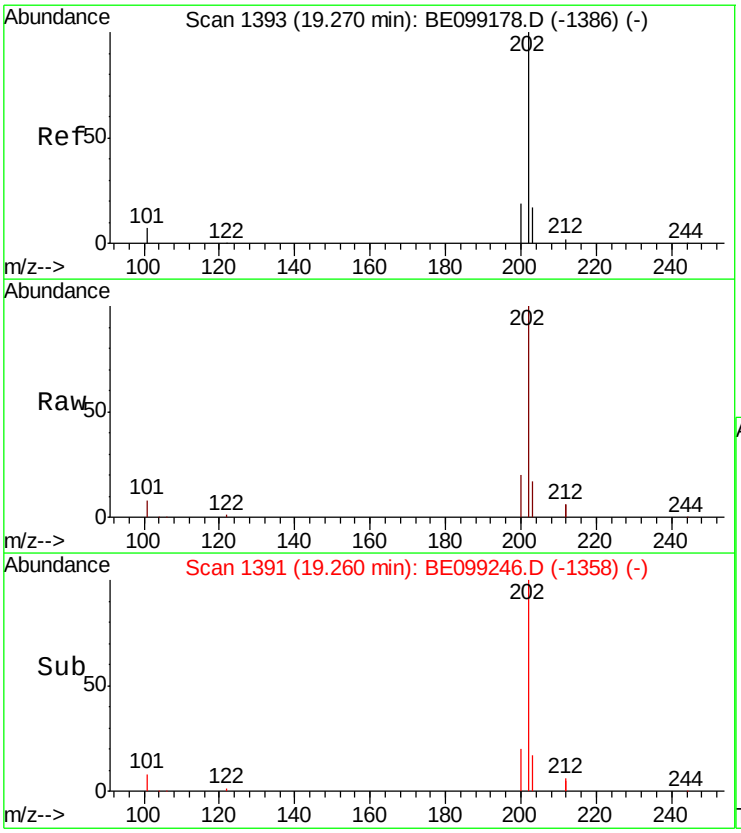
#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 204608

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7

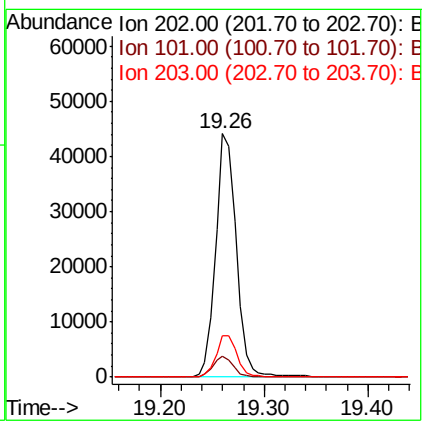


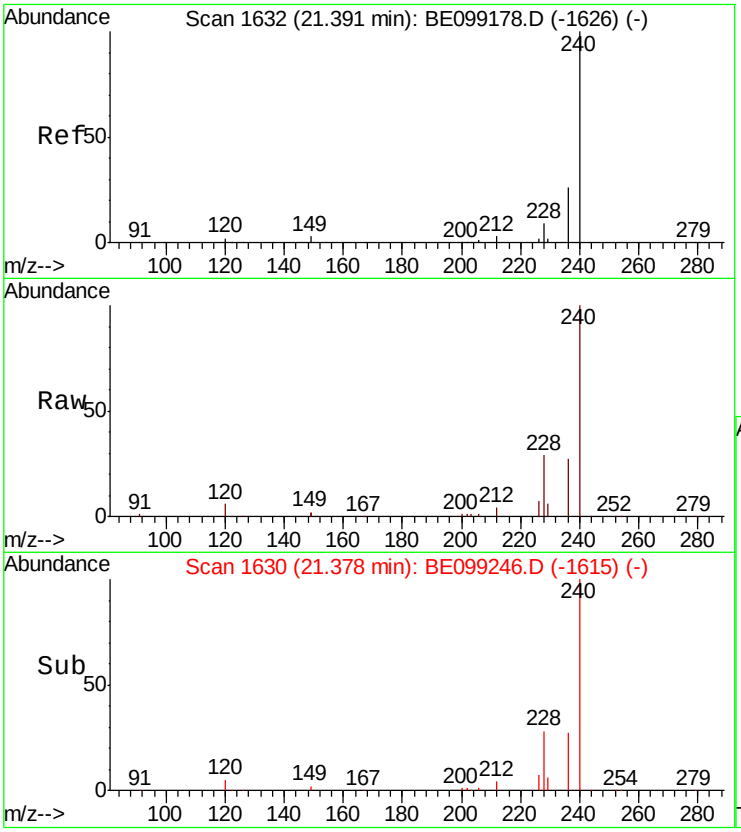


#26
Fluoranthene
Concen: 0.330 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:202 Resp: 60462

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.4
203	17.0	13.8	20.6



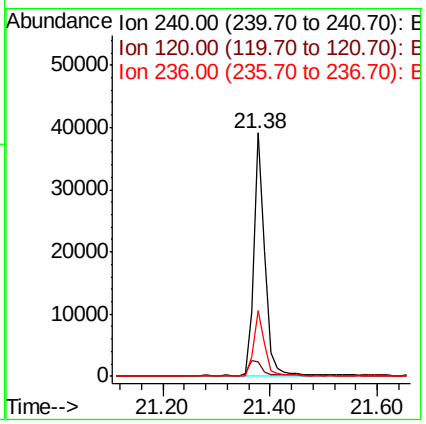


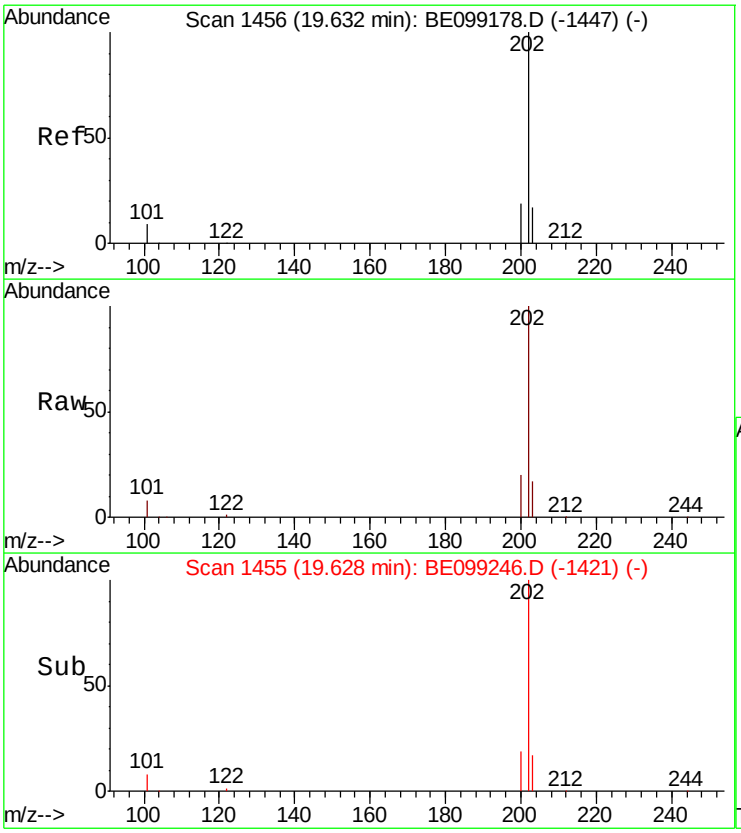
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 56318

Ion	Ratio	Lower	Upper
240	100		
120	5.8	2.6	3.8#
236	27.1	20.9	31.3

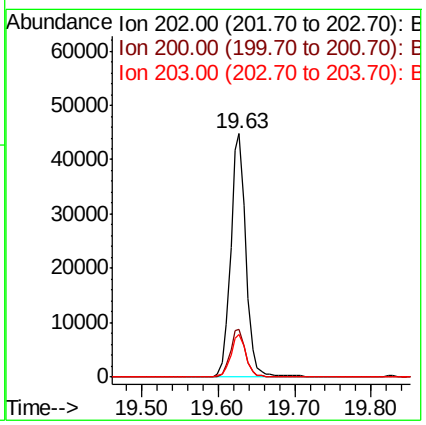


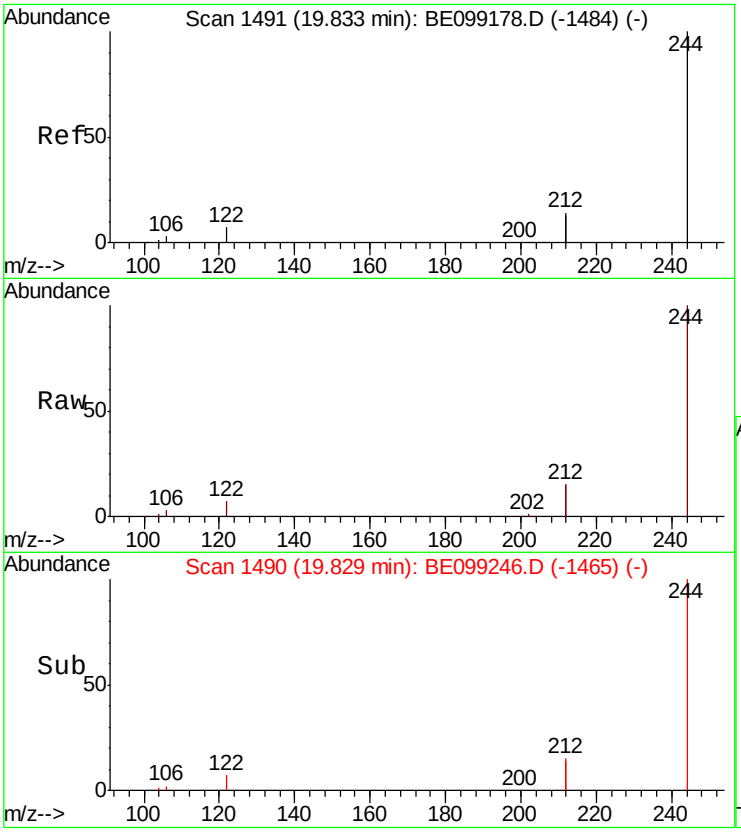


#28
Pyrene
Concen: 0.331 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:202 Resp: 61940

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.8
203	17.5	14.1	21.1



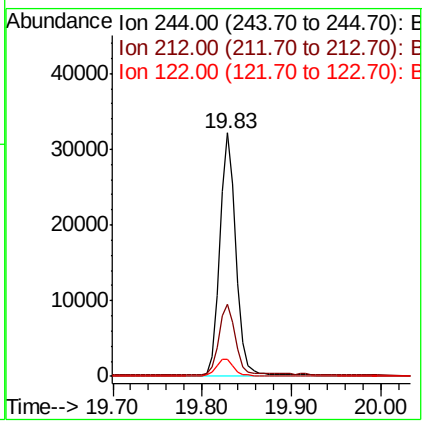


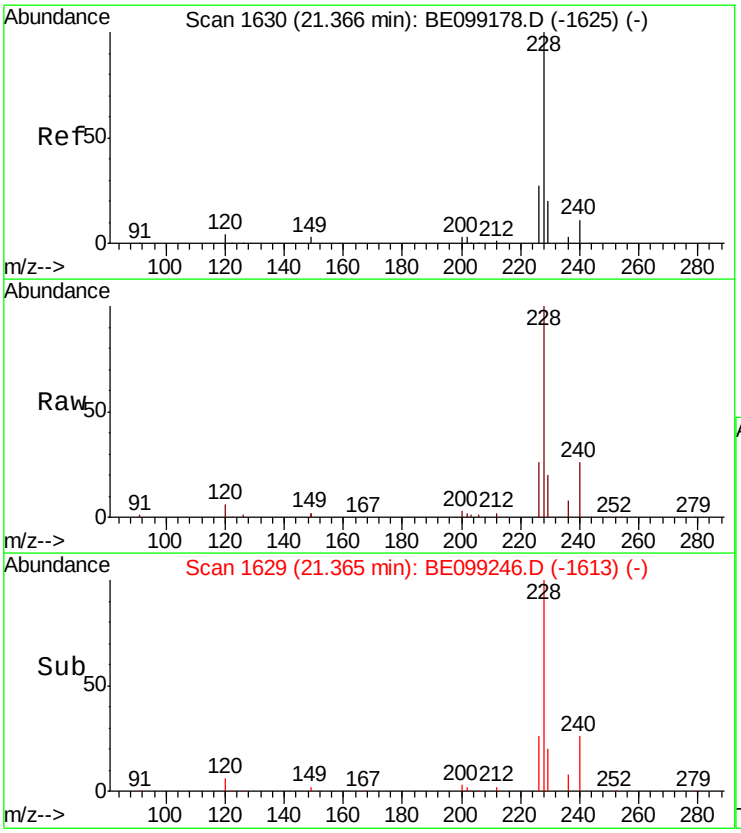
#29
Terphenyl-d14
Concen: 0.328 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 40139

Ion	Ratio	Lower	Upper
244	100		
212	29.6	22.7	34.1
122	7.2	5.8	8.6

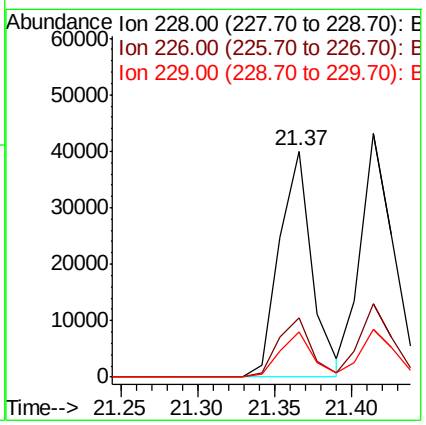


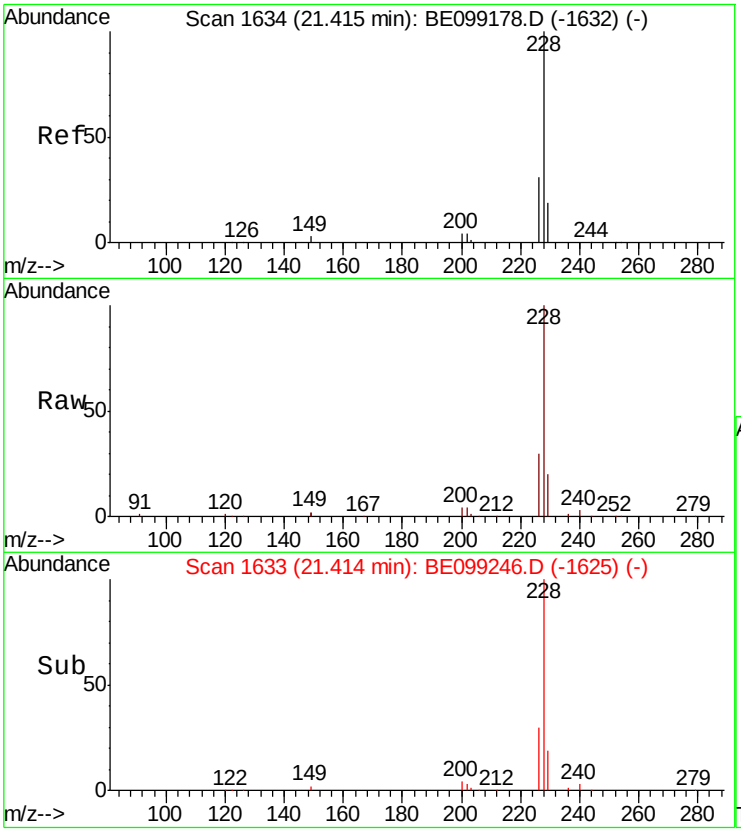


#30
Benzo(a)anthracene
Concen: 0.316 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:228 Resp: 58743

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.7	32.5
229	20.0	15.9	23.9



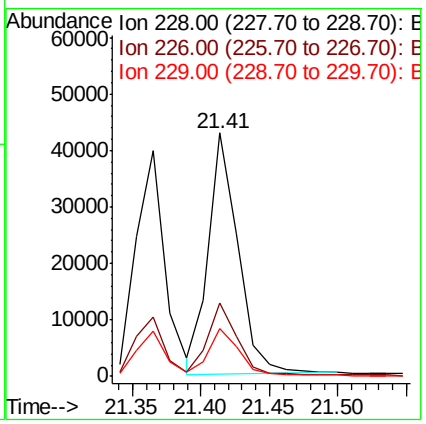


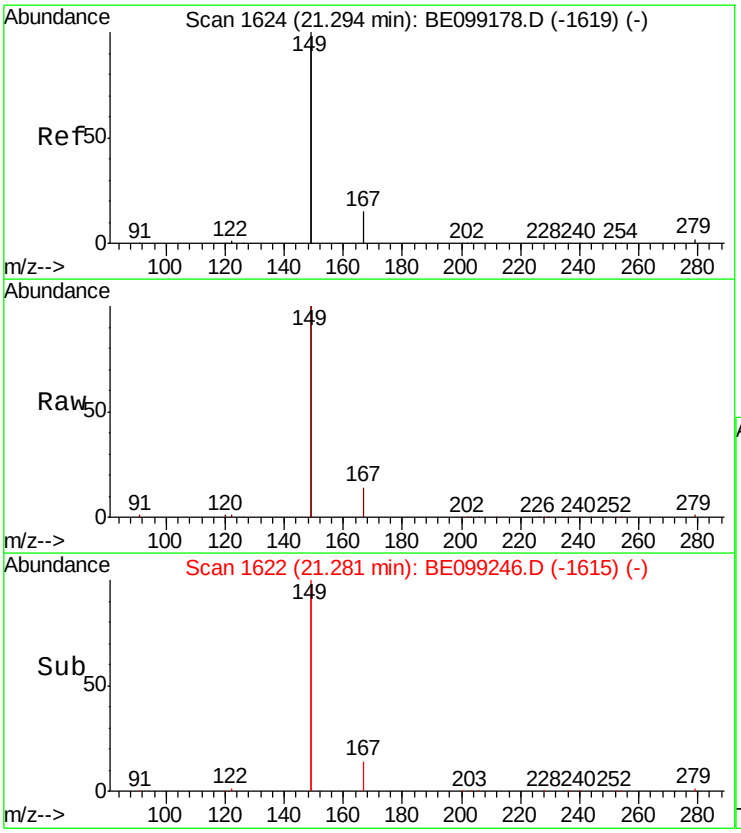
#31
Chrysene
Concen: 0.325 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 64630

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	19.6	15.4	23.0

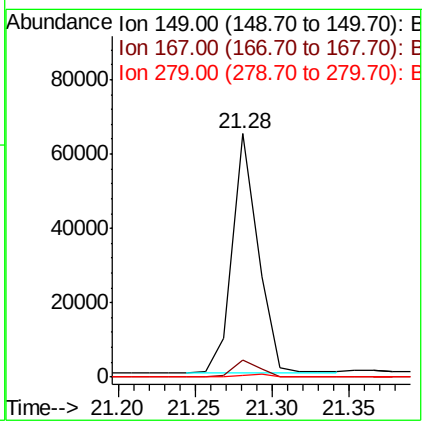


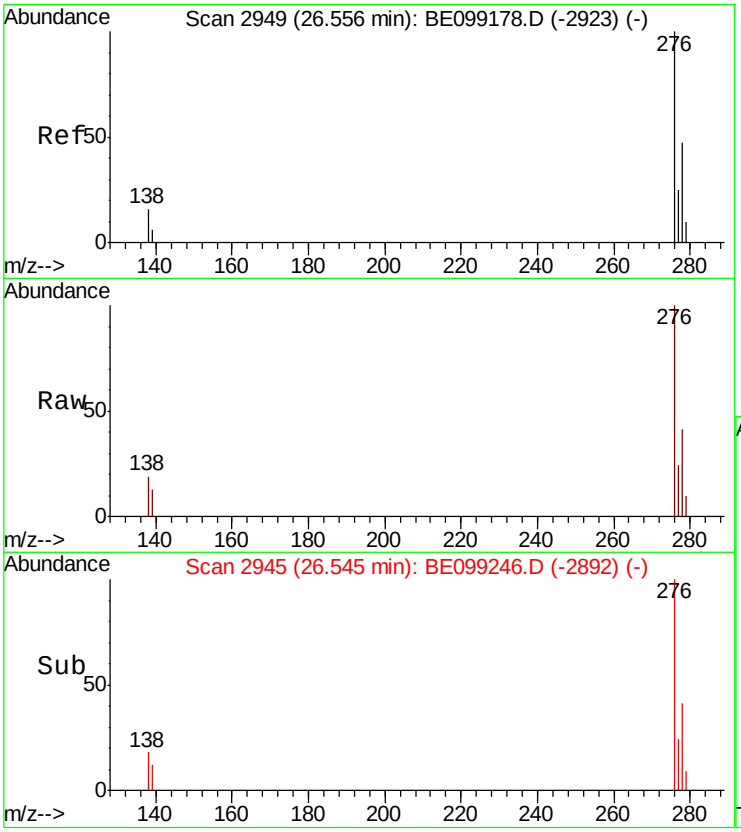


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.333 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:149 Resp: 73833

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.2	1.0	1.6



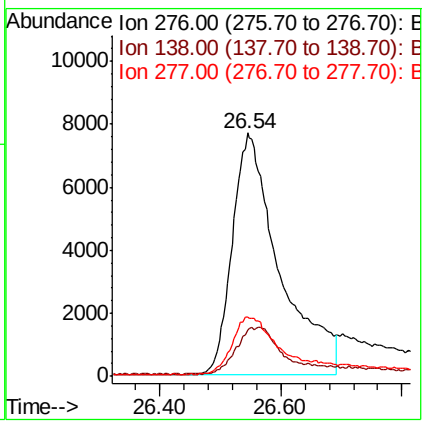


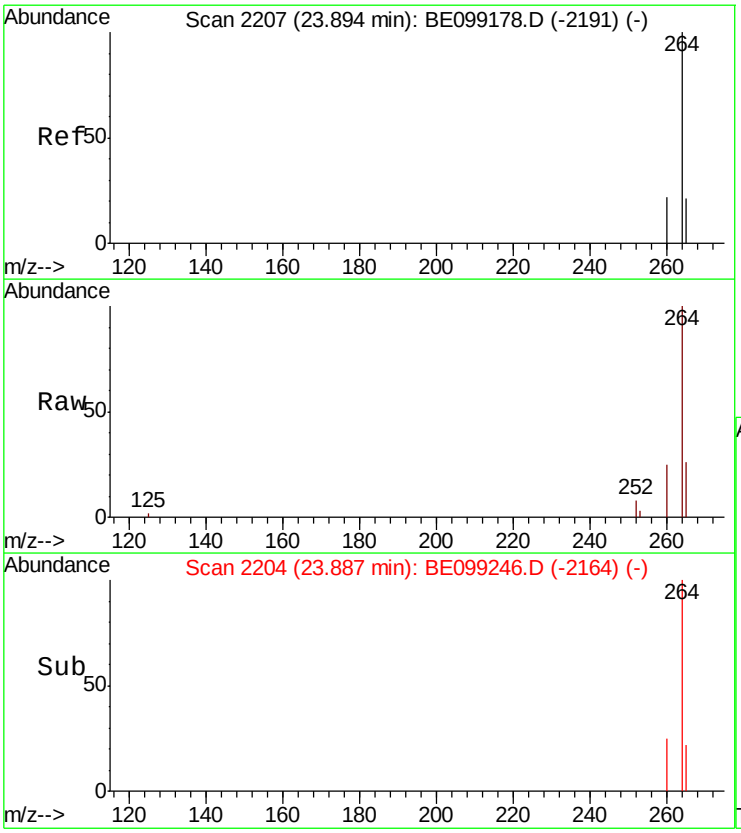
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 41569

Ion	Ratio	Lower	Upper
276	100		
138	7.4	12.9	19.3#
277	22.6	18.3	27.5

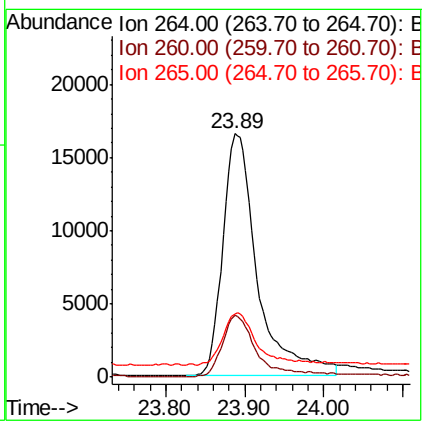


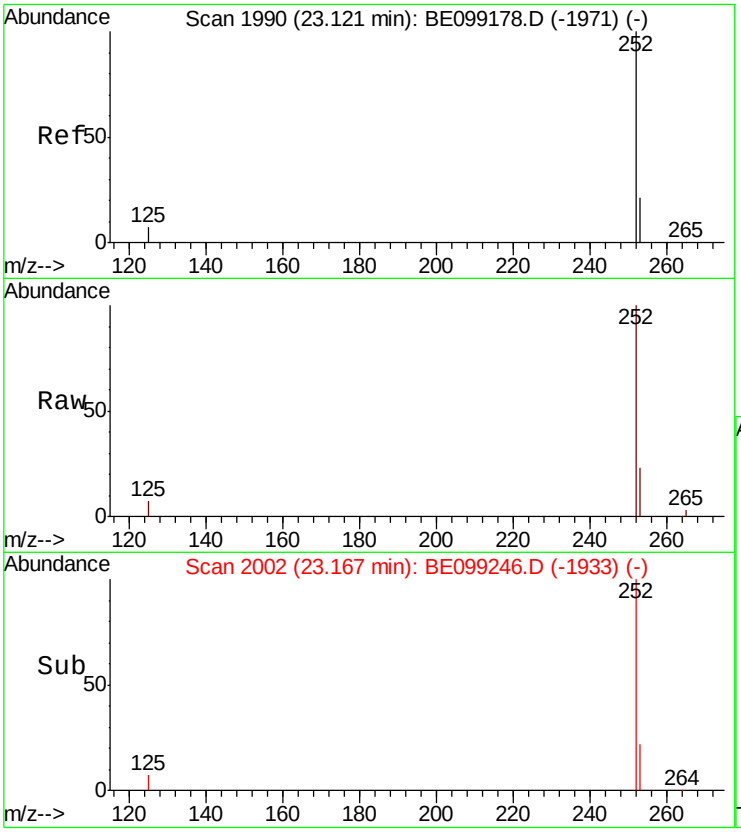


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:264 Resp: 50447

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.2
265	26.2	21.8	32.8



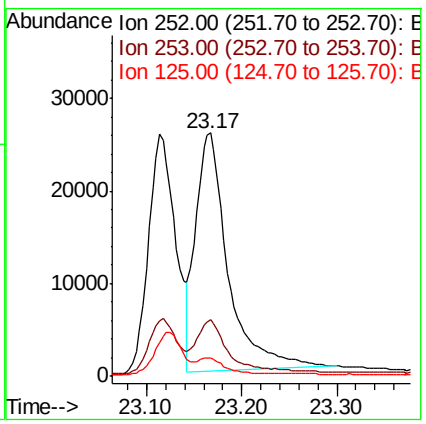


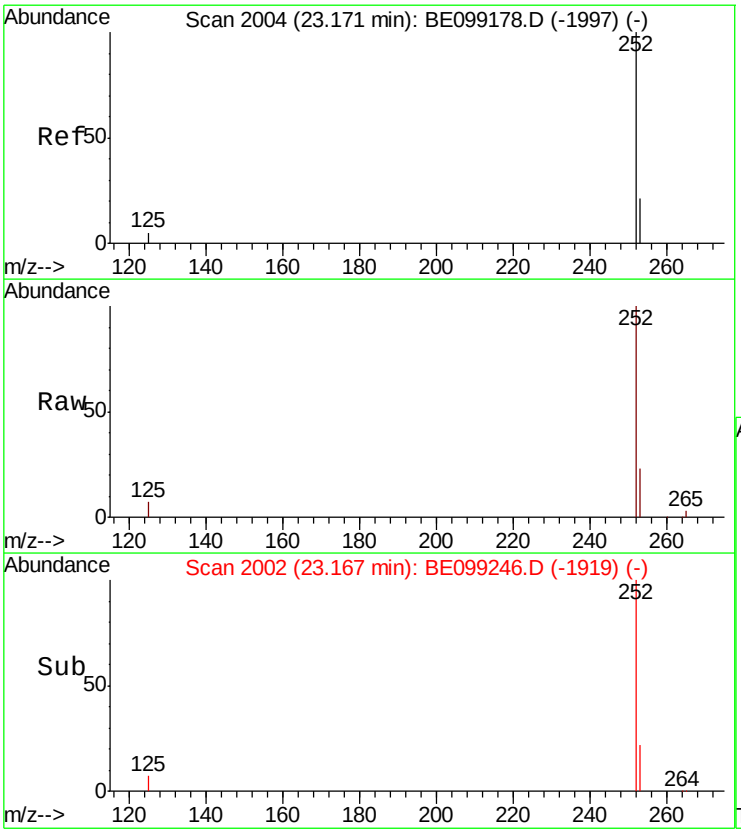
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 23.17 min Scan# 2002
Delta R.T. 0.05 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 60947

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	7.5	6.1	9.1

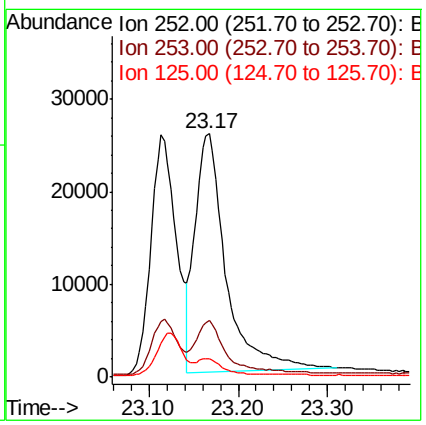


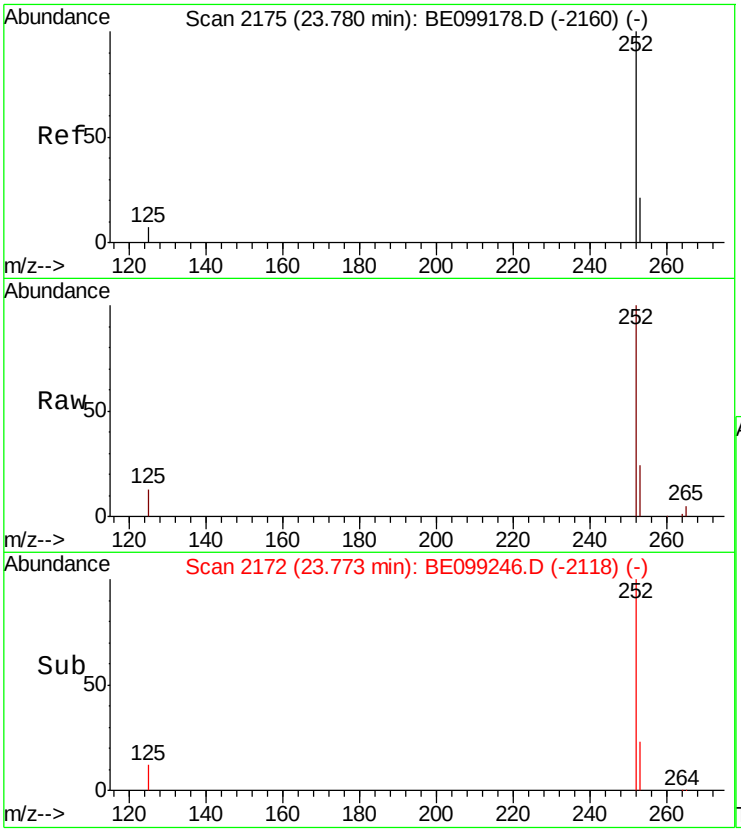


#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.17 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:252 Resp: 62142

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	7.5	5.9	8.9



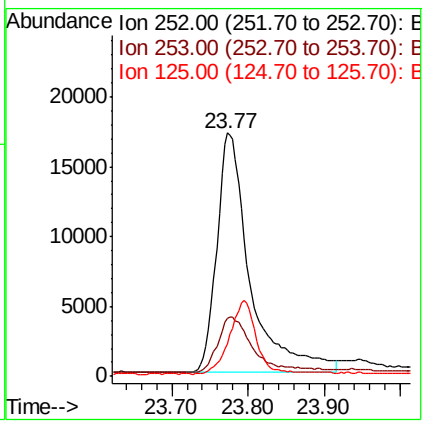


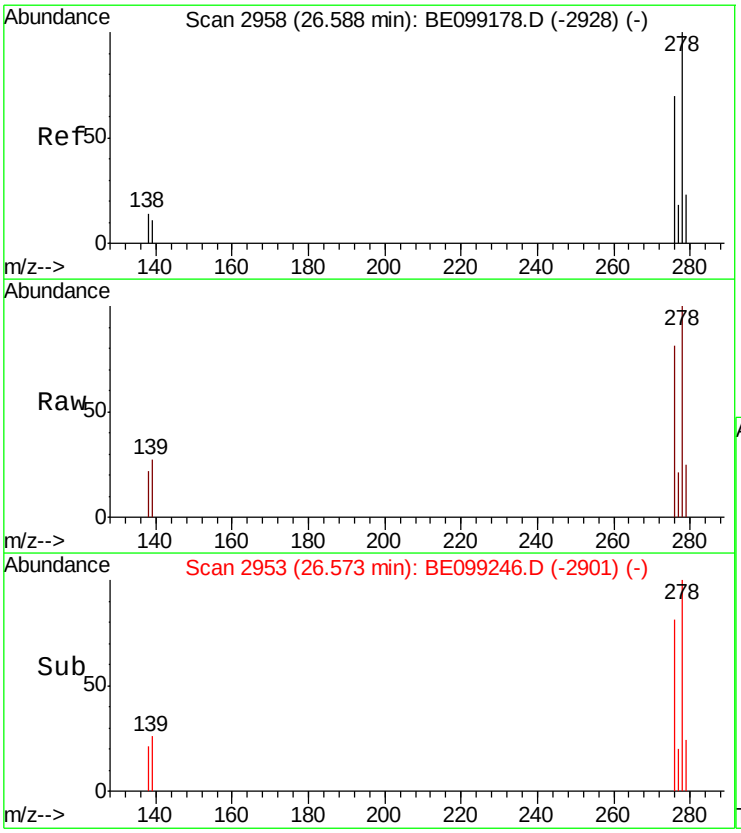
#37
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 52381

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	13.3	6.8	10.2#

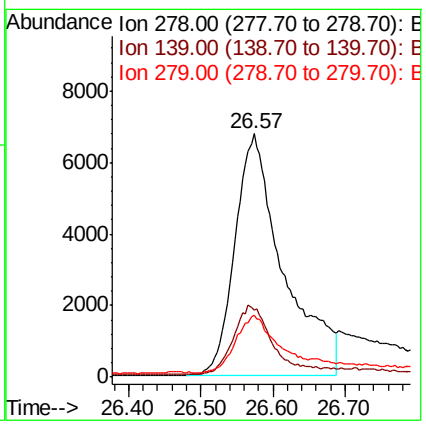


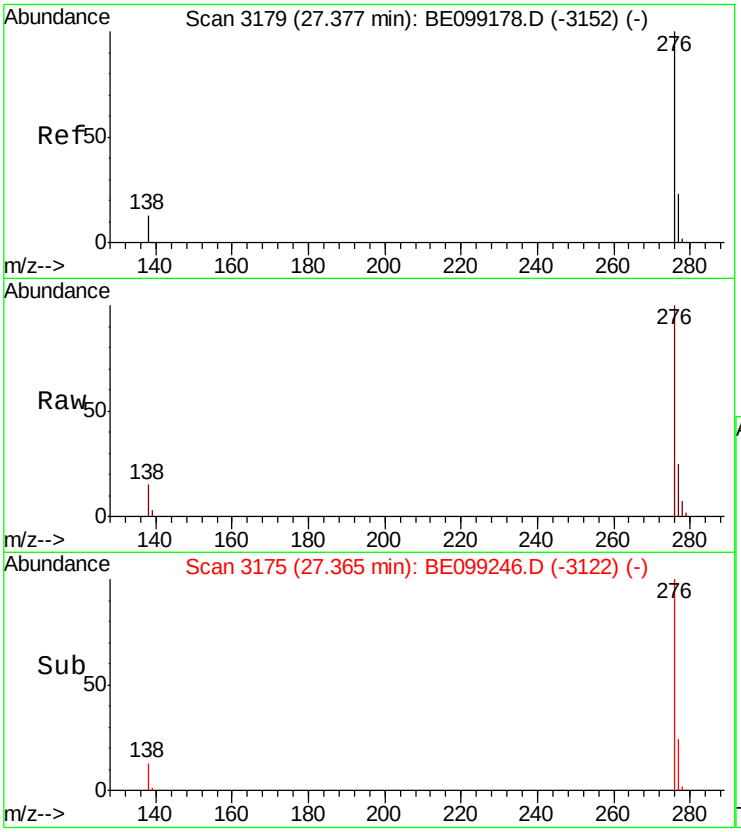


#38
Dibenzo(a,h)anthracene
Concen: 0.225 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:278 Resp: 30944

Ion	Ratio	Lower	Upper
278	100		
139	27.3	9.5	14.3#
279	25.4	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.250 ng
RT: 27.37 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34511

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	14.8	11.1	16.7