Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099107.D
Acq On : 23 Mar 2019 12:01
Operator : JU/SJ
Sample : PB118176BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118176BS

Quant Time: Mar 23 22:35:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4562	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	16948	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	10271	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24785	0.40	ng		0.00
27) Chrysene-d12	21.38	240	33138	0.40	ng		-0.01
34) Perylene-d12	23.89	264	38632	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	4807	0.35	ng		0.00
5) Phenol-d6	7.00	99	6354	0.32	ng		0.00
8) Nitrobenzene-d5	8.99	82	4000	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	15189	0.50	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1204	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	14206	0.35	ng		-0.02
25) Fluoranthene-d10	19.24	212	94194	0.28	ng		0.00
29) Terphenyl-d14	19.83	244	19102	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1618	0.229	ng	#	56
3) n-Nitrosodimethylamine	3.67	42	1089	0.298	ng	#	87
6) bis(2-Chloroethyl)ether	7.26	93	5017	0.316	ng		85
9) Naphthalene	10.68	128	61556	0.308	ng		98
10) Hexachlorobutadiene	10.96	225	3051	0.312	ng		97
12) 2-Methylnaphthalene	12.29	142	10673	0.312	ng		94
16) Acenaphthylene	14.20	152	15635	0.285	ng		97
17) Acenaphthene	14.54	154	9445	0.291	ng		98
18) Fluorene	15.51	166	12752	0.269	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	4607	0.336	ng	#	69
21) Hexachlorobenzene	16.52	284	4347	0.341	ng		94
22) Pentachlorophenol	16.85	266	2944	0.815	ng	#	78
23) Phenanthrene	17.25	178	21798	0.296	ng		98
24) Anthracene	17.35	178	20162	0.290	ng		100
26) Fluoranthene	19.27	202	27456	0.265	ng		99
28) Pyrene	19.63	202	29041	0.258	ng		98
30) Benzo(a)anthracene	21.37	228	34996	0.300	ng		99
31) Chrysene	21.43	228	34682	0.297	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	45444	0.300	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	44001	0.351	ng		98
35) Benzo(b)fluoranthene	23.12	252	37937	0.284	ng		99
36) Benzo(k)fluoranthene	23.17	252	40210	0.307	ng		98
37) Benzo(a)pyrene	23.78	252	37356	0.302	ng		97
38) Dibenzo(a,h)anthracene	26.58	278	36463	0.304	ng		96
39) Benzo(g,h,i)perylene	27.36	276	37608	0.305	ng		99

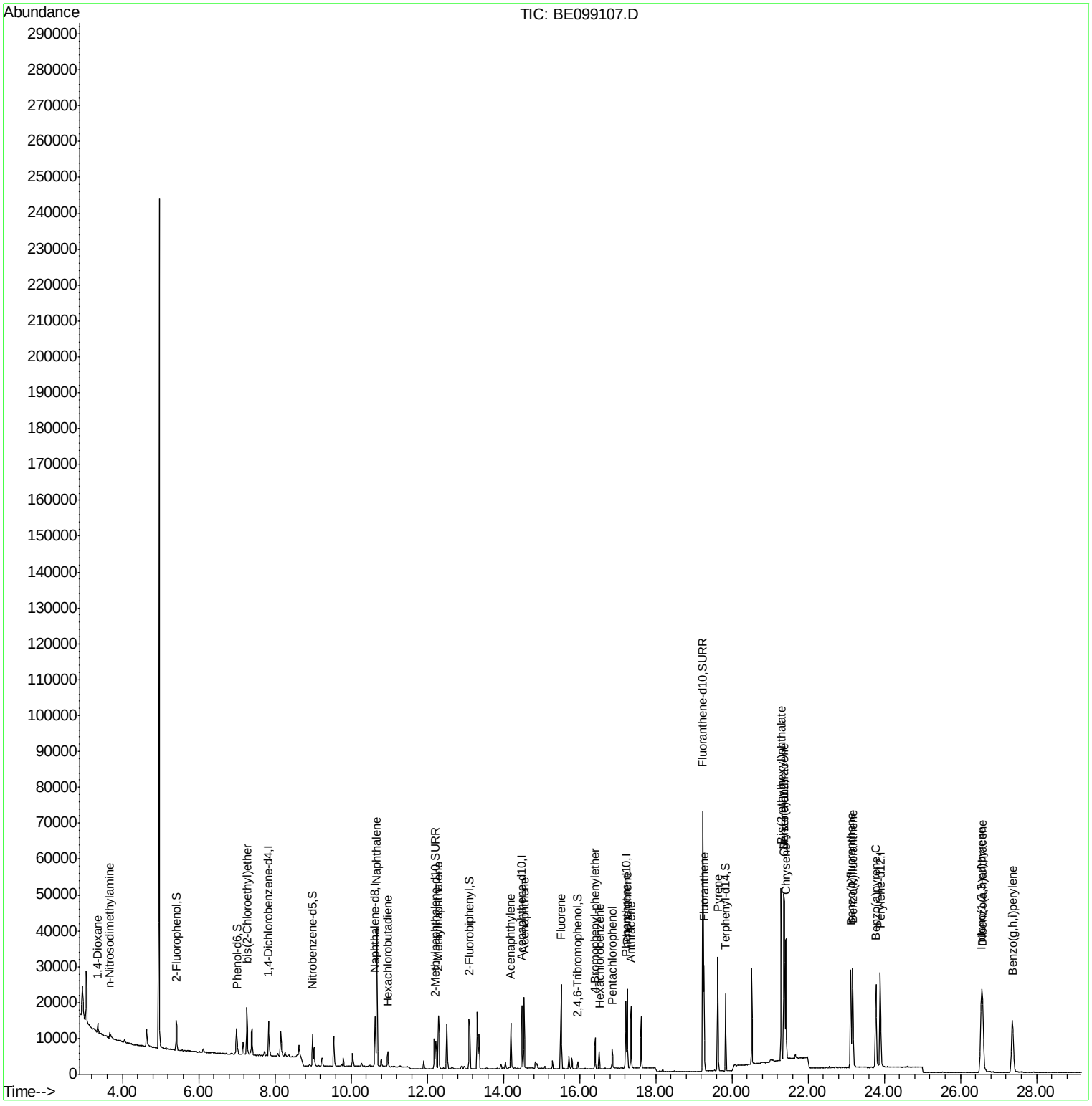
(#) = qualifier out of range (m) = manual integration (+) = signals summed

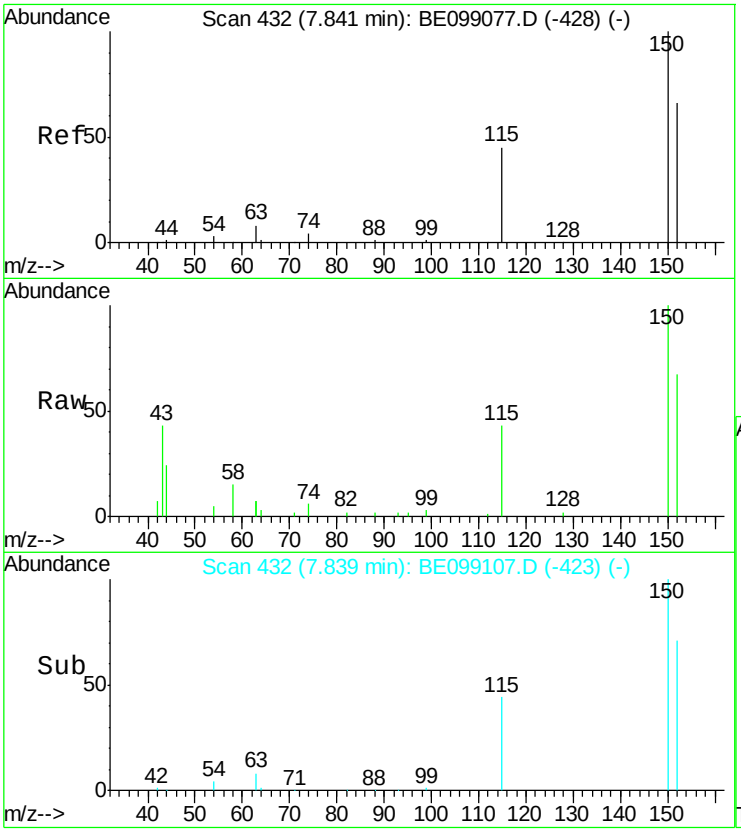
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099107.D
Acq On : 23 Mar 2019 12:01
Operator : JU/SJ
Sample : PB118176BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Quant Time: Mar 23 22:35:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



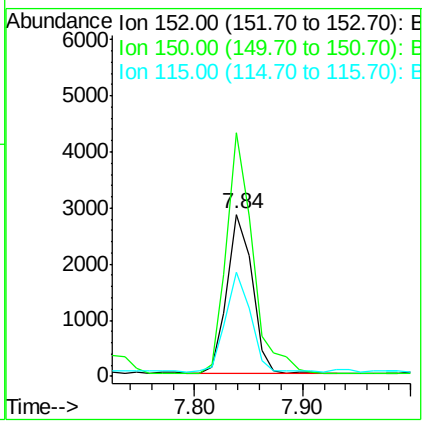


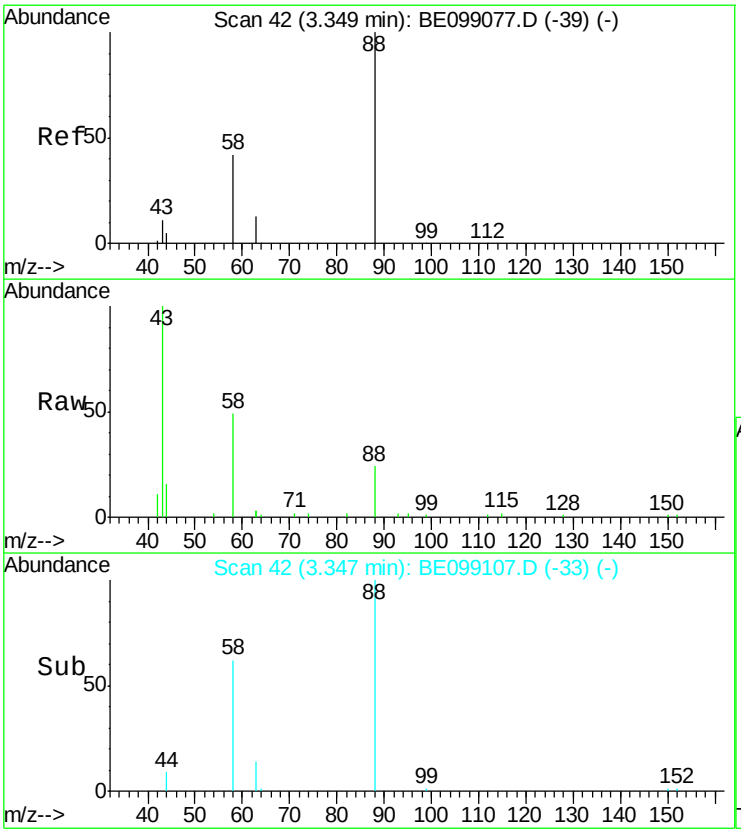
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:152 Resp: 4562

Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.5	183.7
115	64.3	57.4	86.2

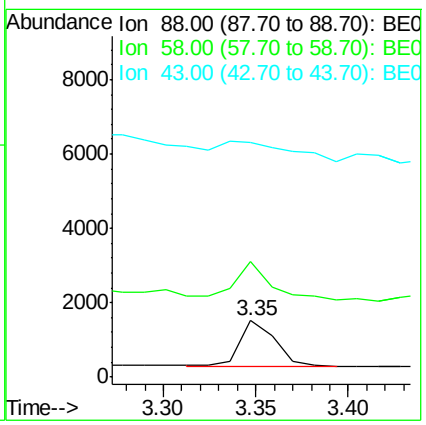


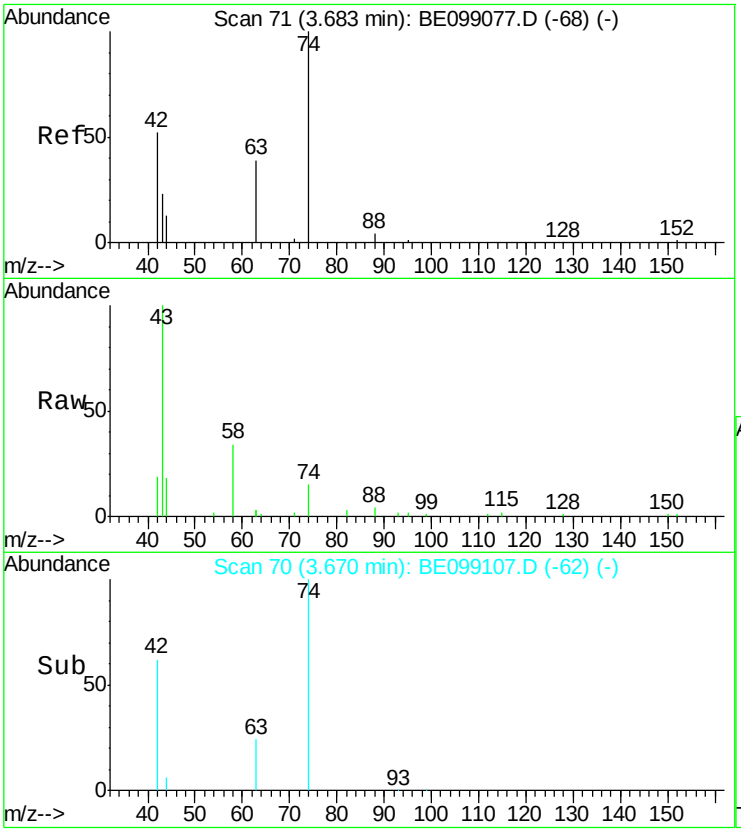


#2
1,4-Dioxane
Concen: 0.229 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion: 88 Resp: 1618

Ion	Ratio	Lower	Upper
88	100		
58	80.2	52.0	78.0#
43	83.3	24.0	36.0#



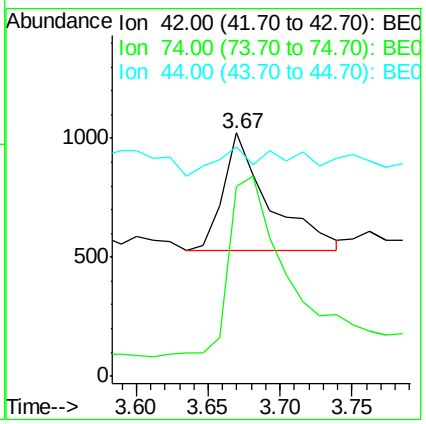


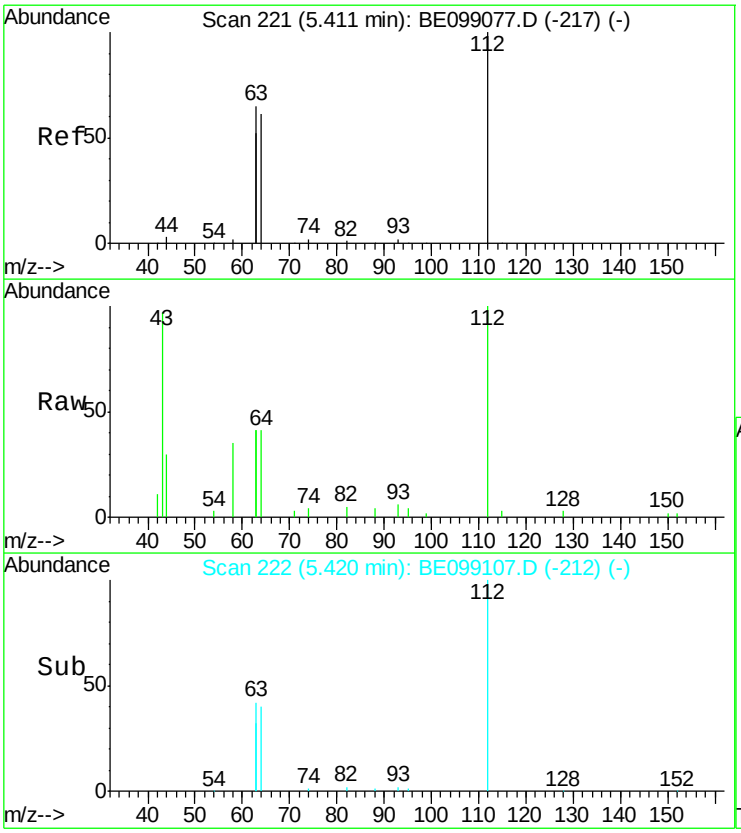
#3
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion: 42 Resp: 1089

Ion	Ratio	Lower	Upper
42	100		
74	179.6	160.0	240.0
44	17.9	0.0	0.0#

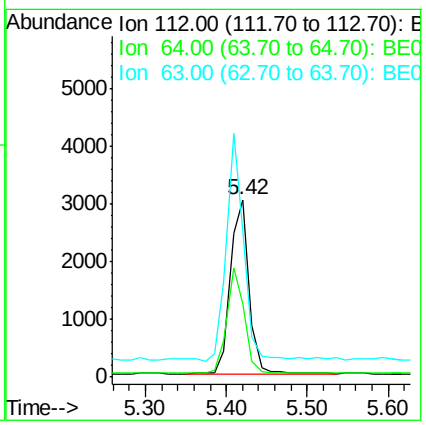


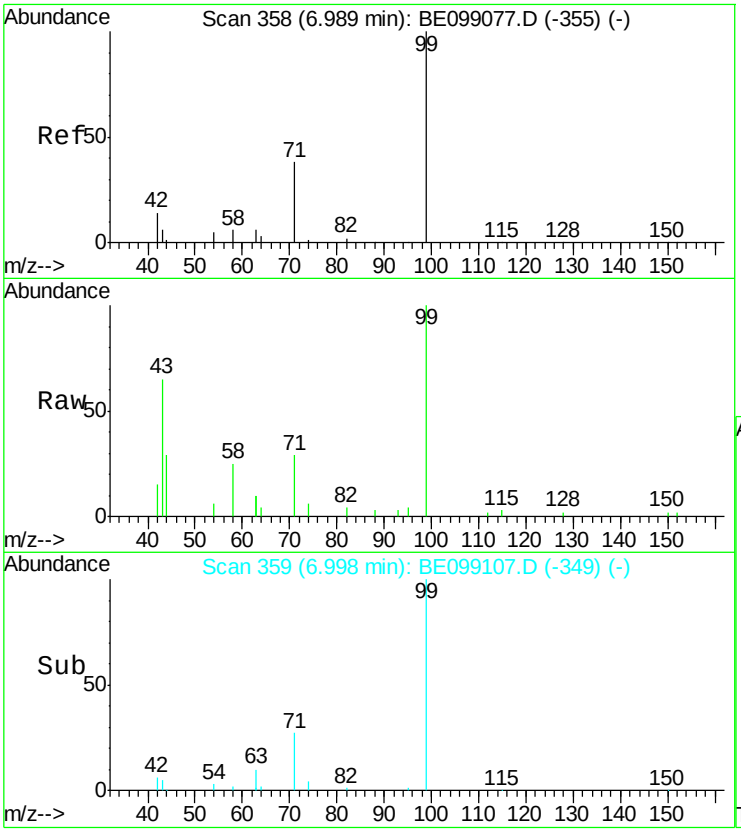


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:112 Resp: 4807

Ion	Ratio	Lower	Upper
112	100		
64	55.3	57.9	86.9#
63	121.5	158.3	237.5#



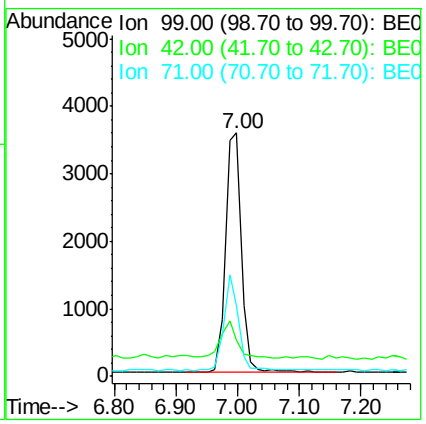


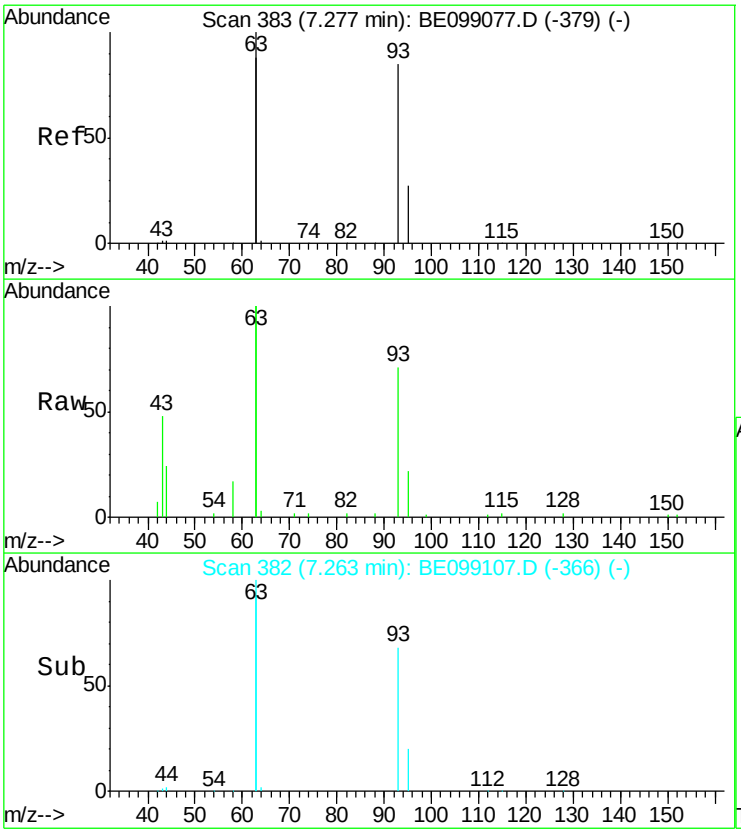
#5
Phenol-d6
Concen: 0.325 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion: 99 Resp: 6354

Ion	Ratio	Lower	Upper
99	100		
42	16.3	24.2	36.2#
71	35.6	35.7	53.5#

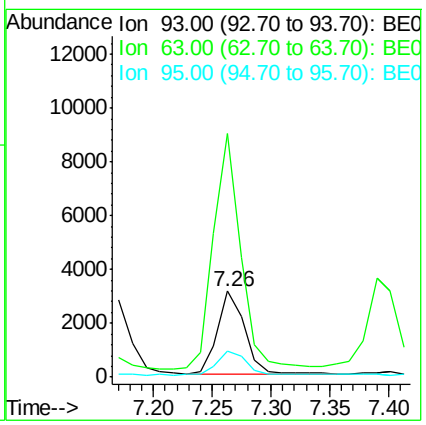


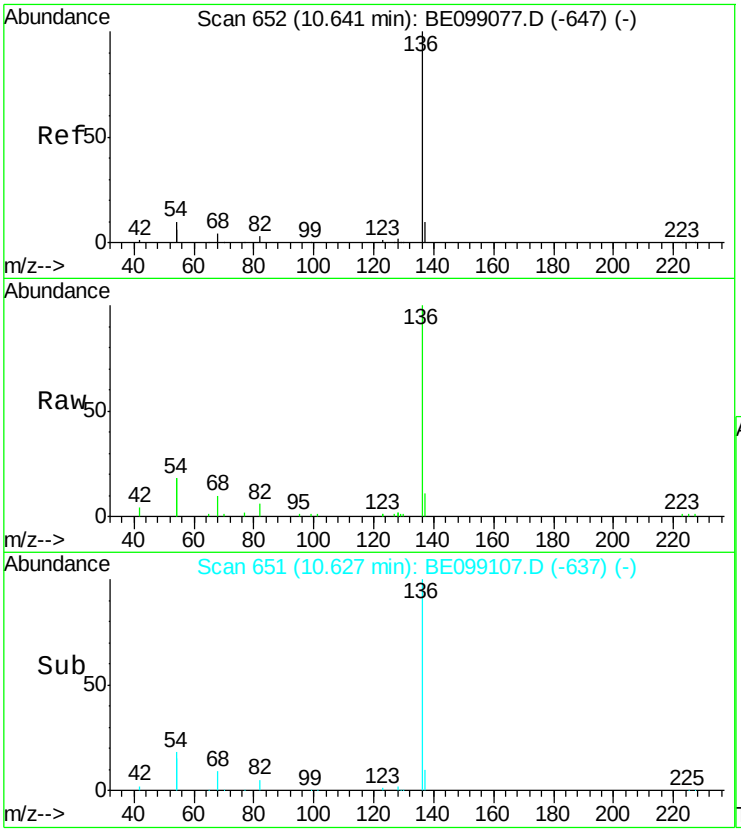


#6
bis(2-Chloroethyl)ether
Concen: 0.316 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion: 93 Resp: 5017

Ion	Ratio	Lower	Upper
93	100		
63	277.0	247.5	371.3
95	30.8	21.8	32.8



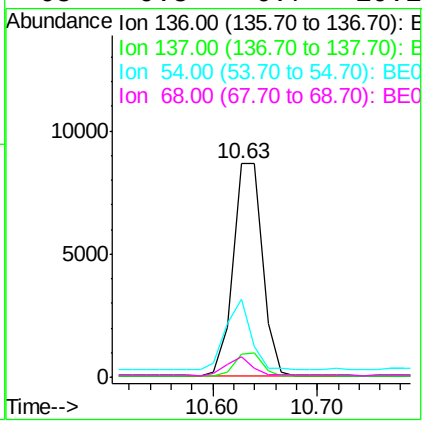


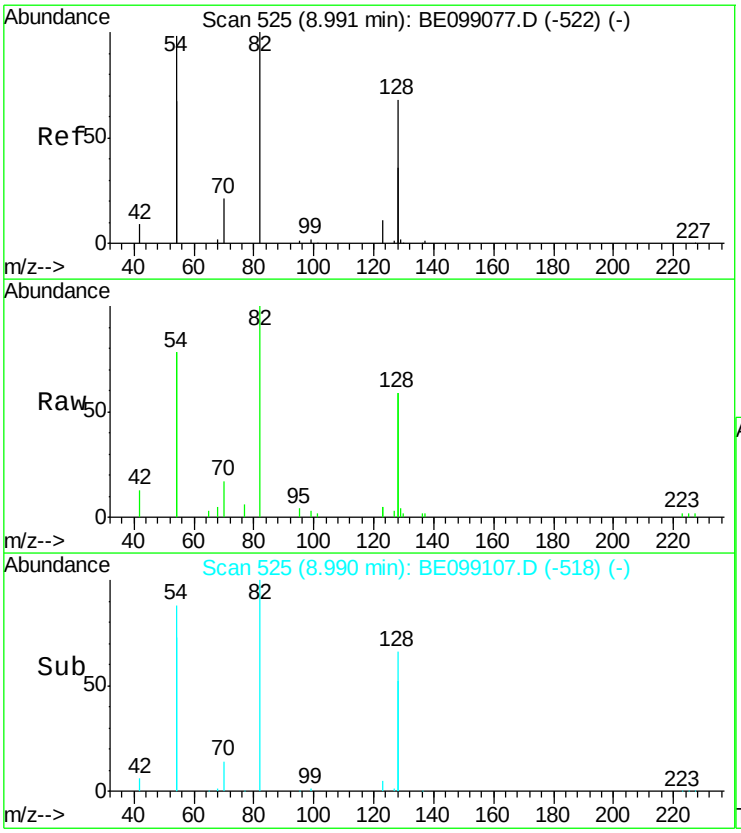
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:136 Resp: 16948

Ion	Ratio	Lower	Upper
136	100		
137	11.1	11.4	17.0#
54	36.5	39.3	58.9#
68	9.8	6.7	10.1

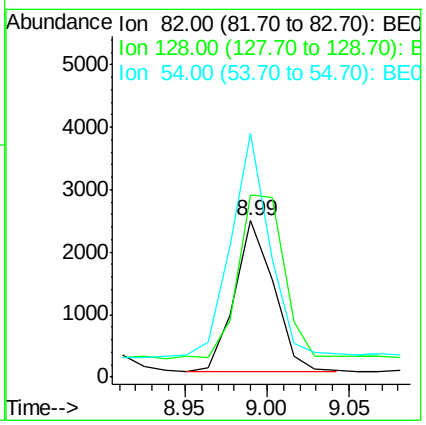


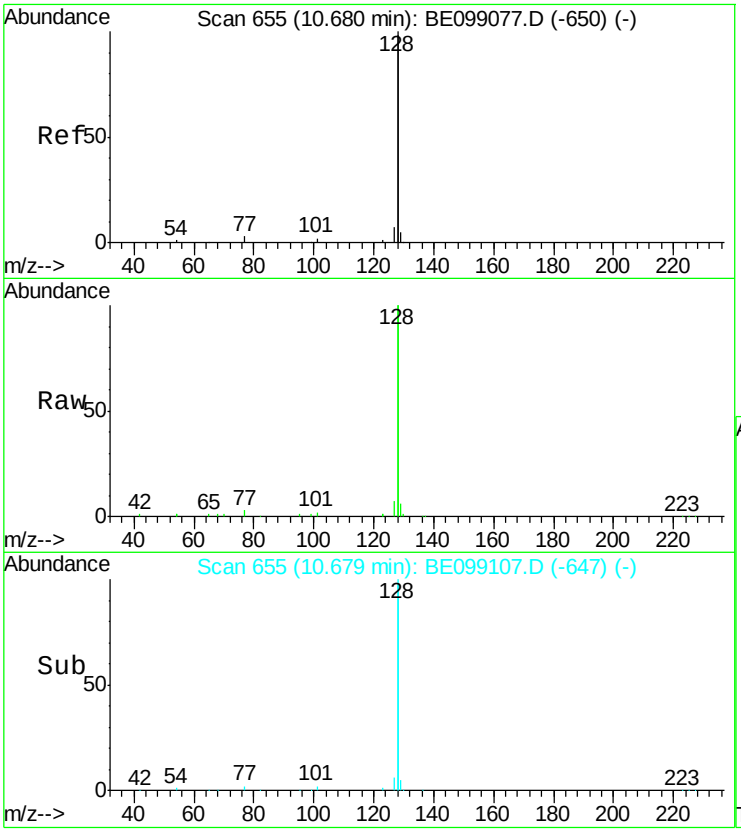


#8
Nitrobenzene-d5
Concen: 0.540 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion: 82 Resp: 4000

Ion	Ratio	Lower	Upper
82	100		
128	117.1	123.8	185.8#
54	156.0	203.4	305.2#



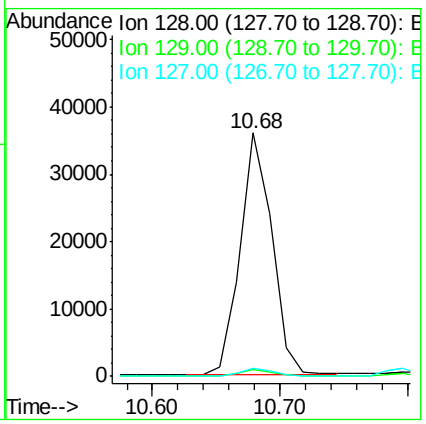


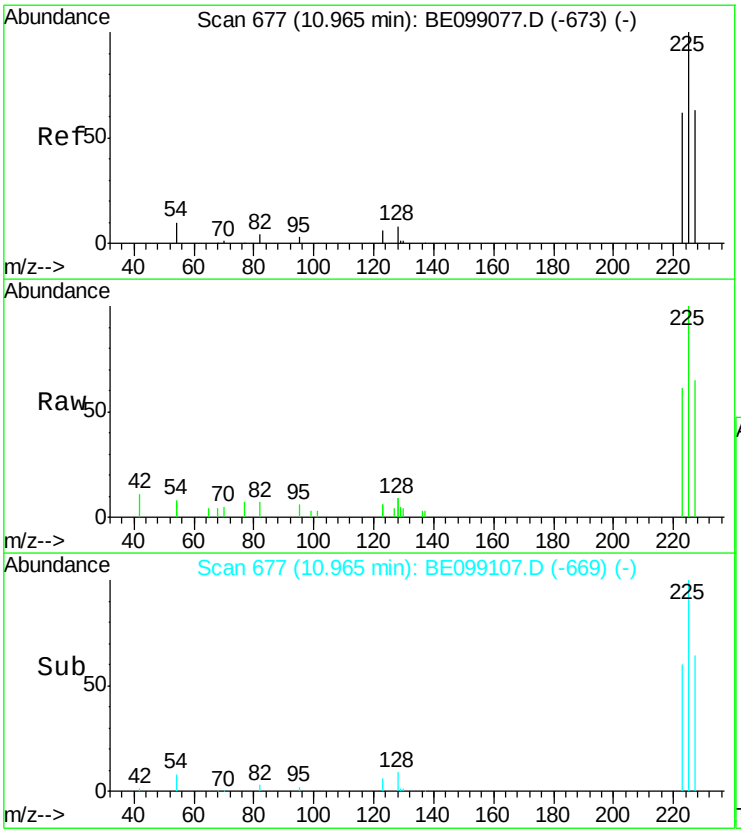
#9
Naphthalene
Concen: 0.308 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:128 Resp: 61556

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.3	3.1	4.7

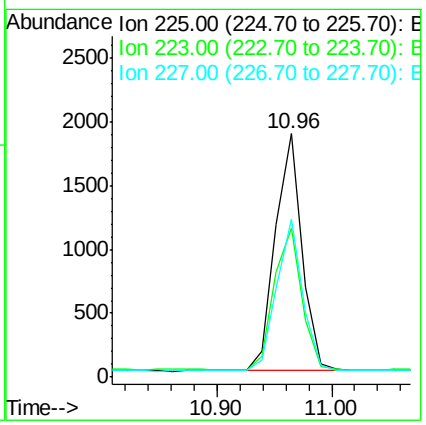


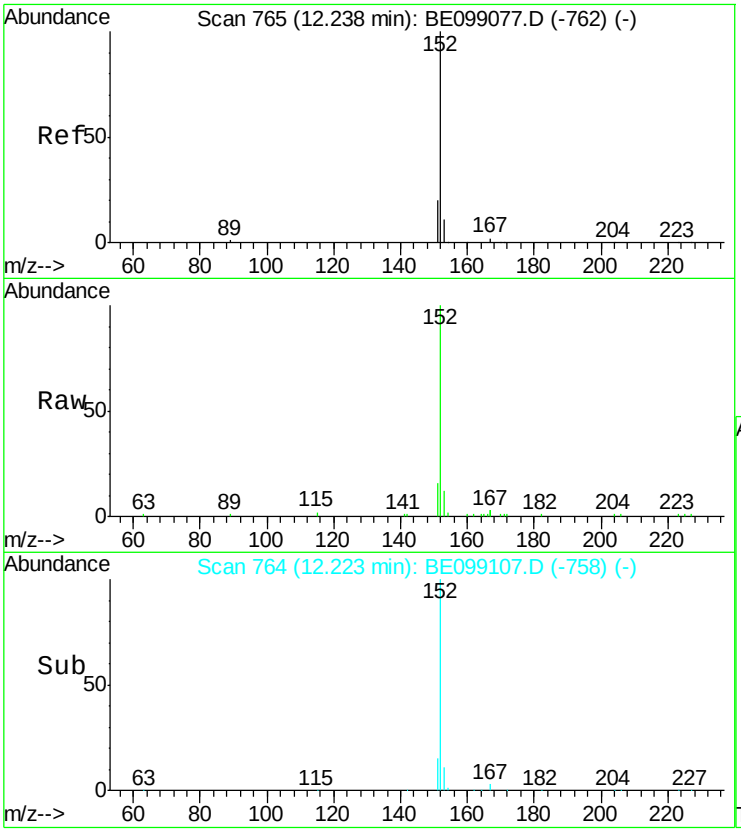


#10
Hexachlorobutadiene
Concen: 0.312 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:225 Resp: 3051

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	61.9	51.6	77.4



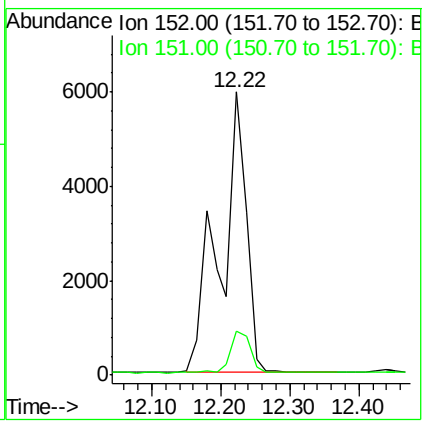


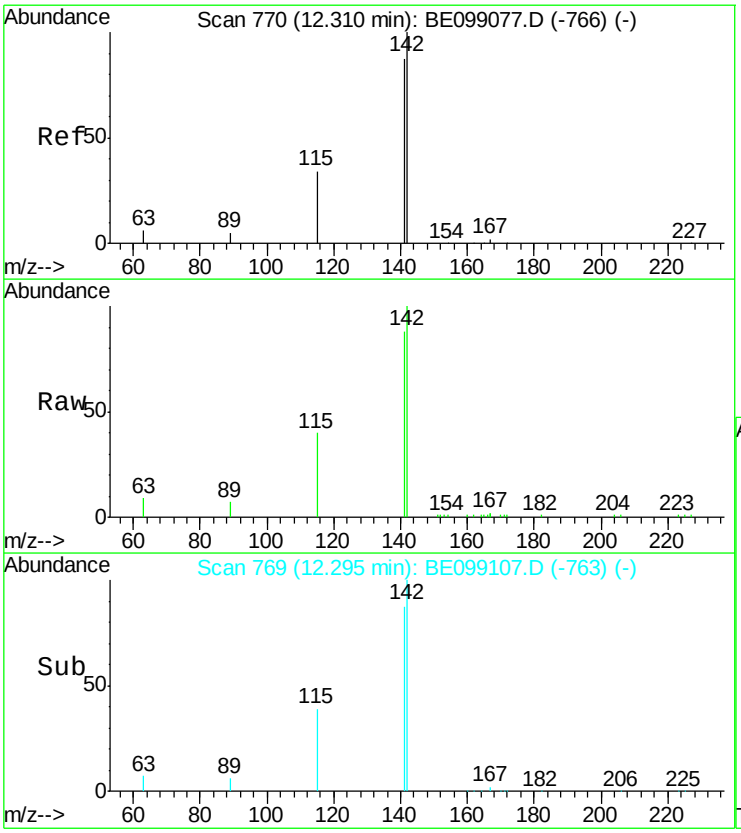
#11
2-Methylnaphthalene-d10
Concen: 0.498 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:152 Resp: 15189

Ion	Ratio	Lower	Upper
152	100		
151	11.7	16.5	24.7#

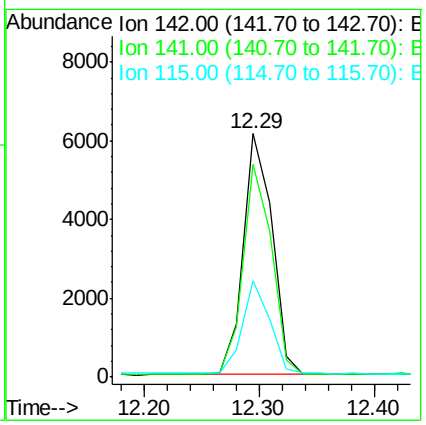


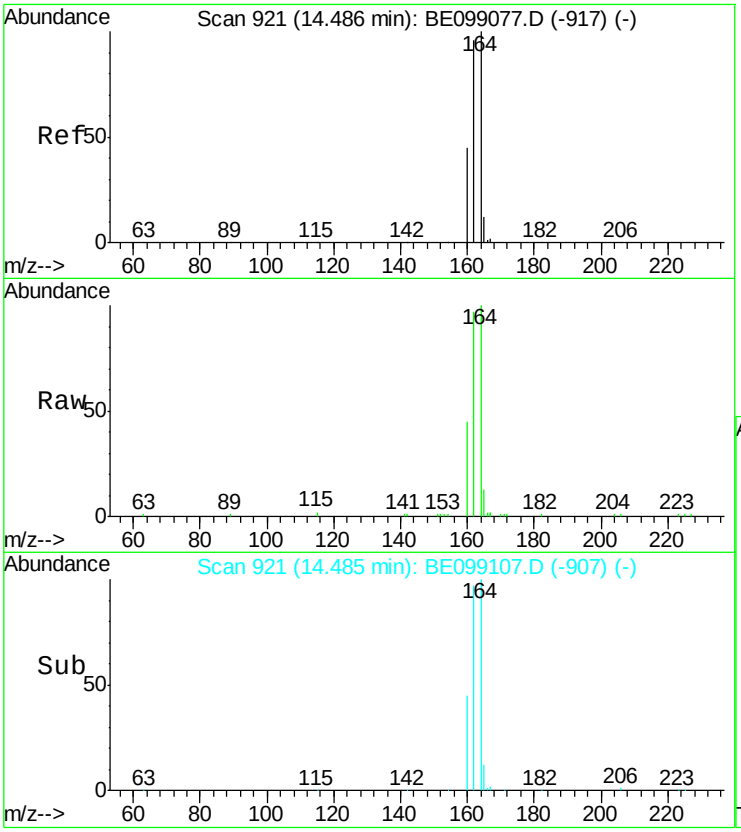


#12
2-Methylnaphthalene
Concen: 0.312 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:142 Resp: 10673

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	108.8
115	39.7	37.4	56.2



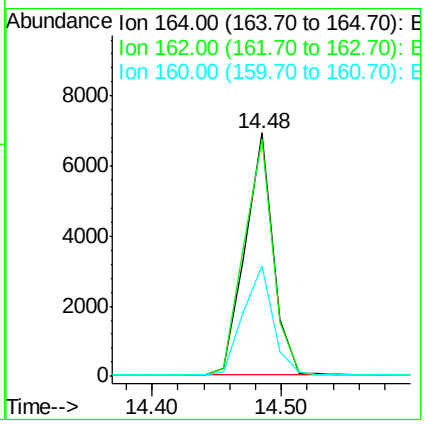


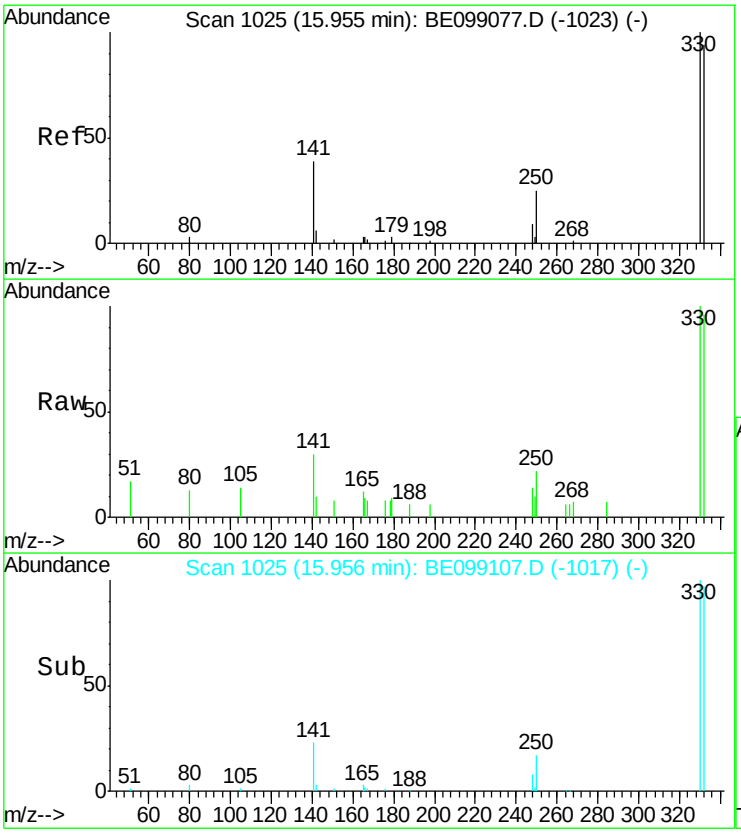
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:164 Resp: 10271

Ion	Ratio	Lower	Upper
164	100		
162	97.2	80.2	120.2
160	45.4	37.8	56.8

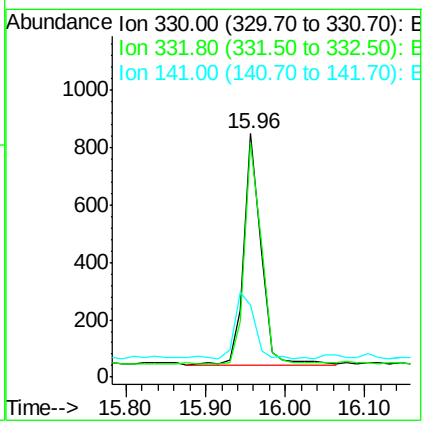


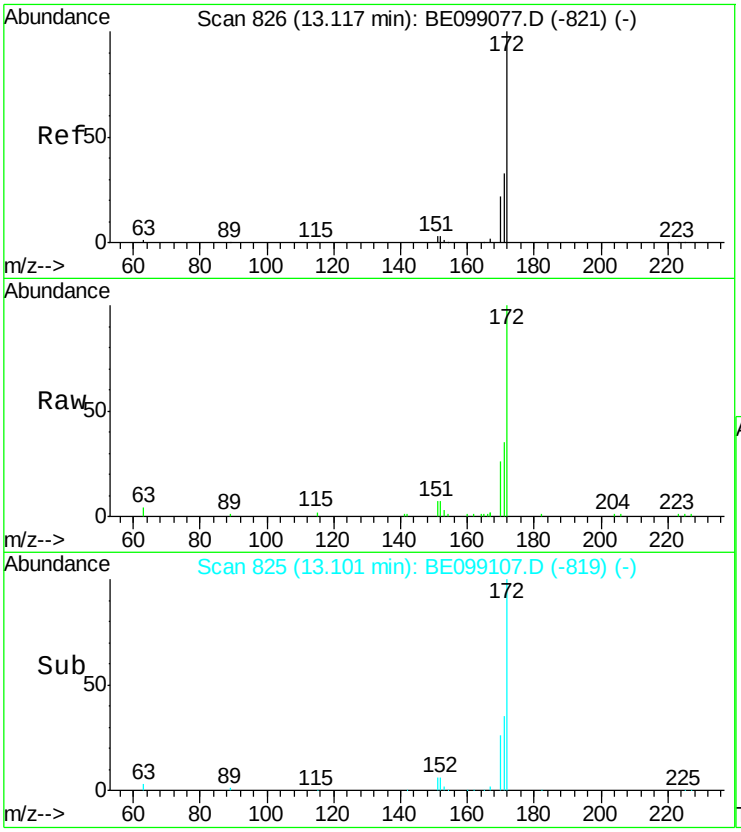


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:330 Resp: 1204

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.6	116.4
141	32.0	31.0	46.4



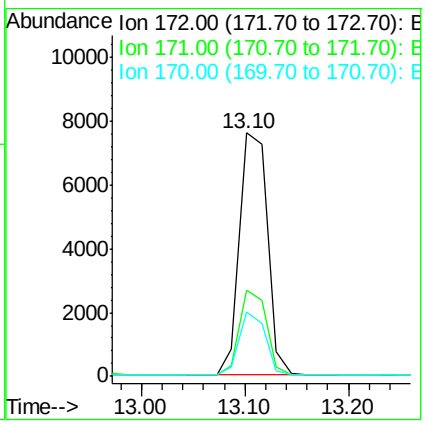


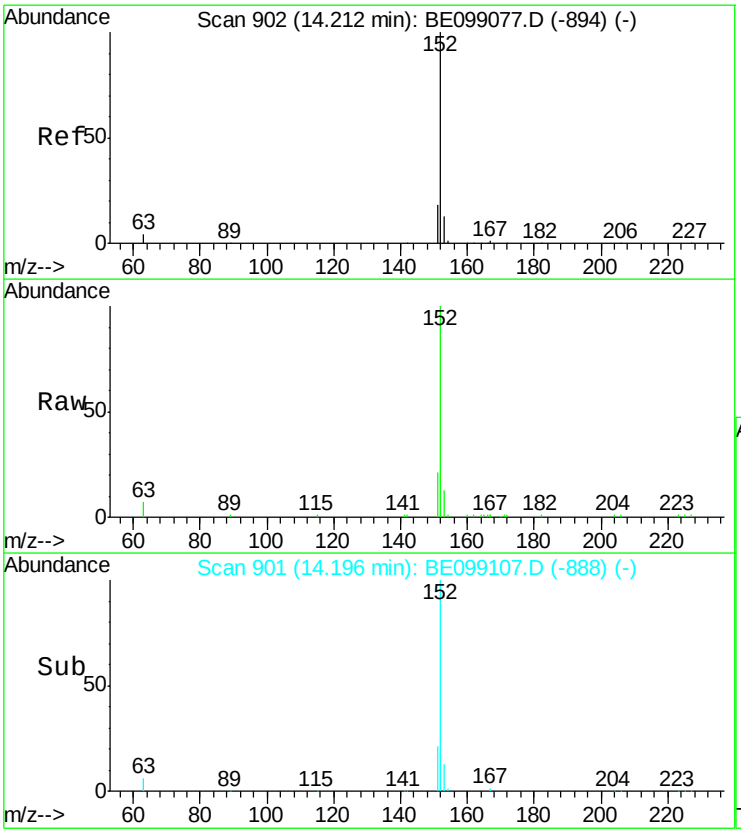
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:172 Resp: 14206

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	26.4	17.7	26.5

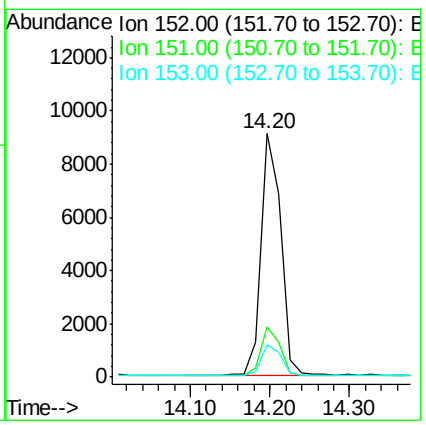


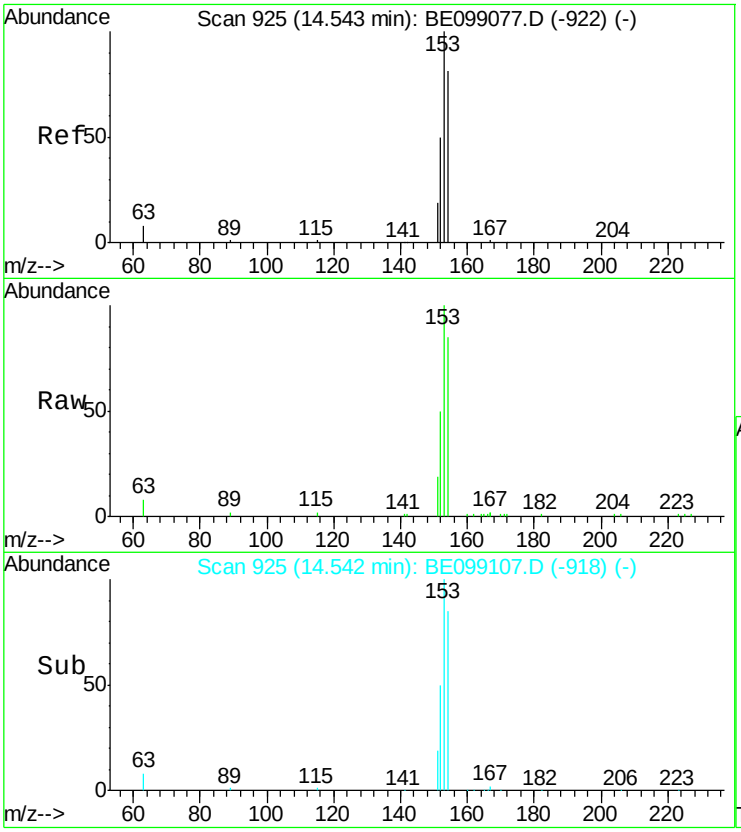


#16
Acenaphthylene
Concen: 0.285 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:152 Resp: 15635

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	12.9	11.2	16.8



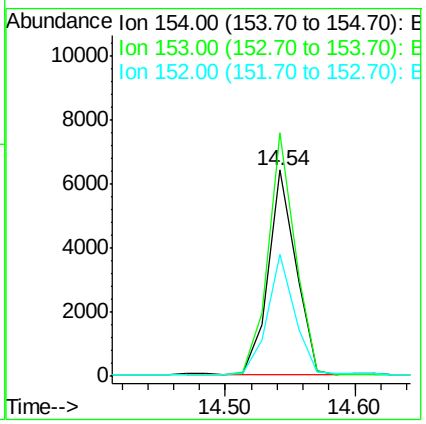


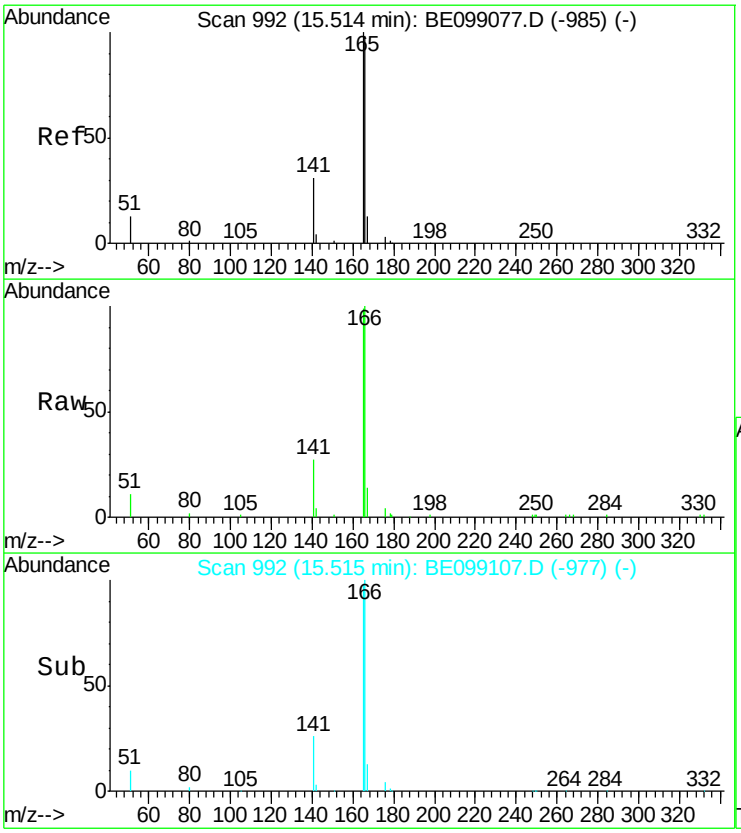
#17
Acenaphthene
Concen: 0.291 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:154 Resp: 9445

Ion	Ratio	Lower	Upper
154	100		
153	115.8	94.2	141.4
152	57.8	45.0	67.4

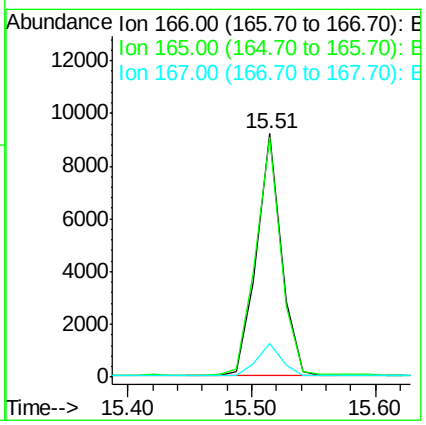


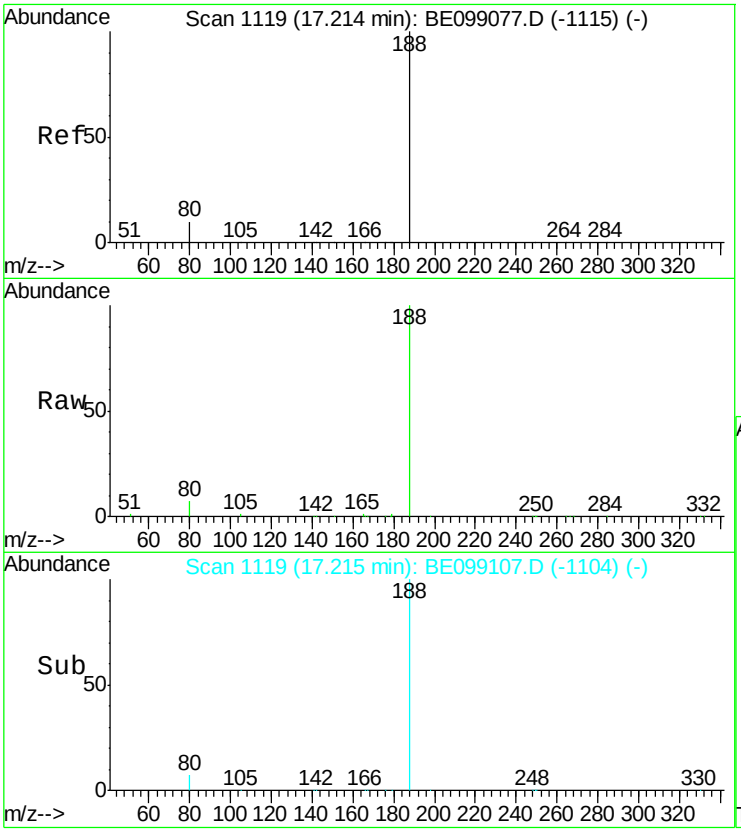


#18
Fluorene
Concen: 0.269 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:166 Resp: 12752

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.3	118.9
167	13.1	10.5	15.7



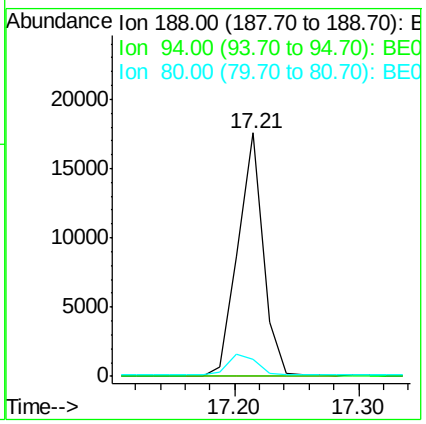


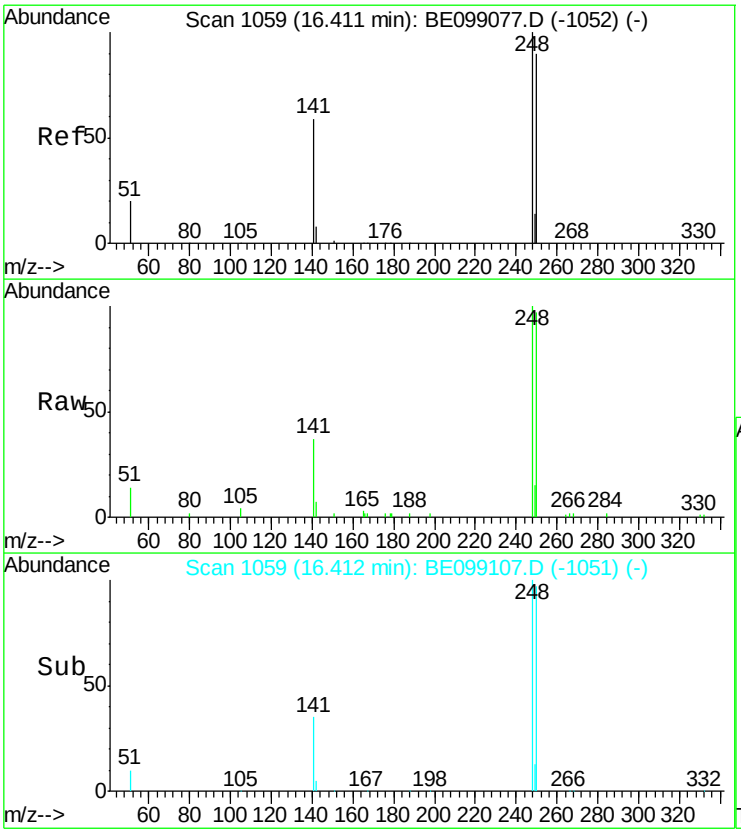
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:188 Resp: 24785

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.3	9.5

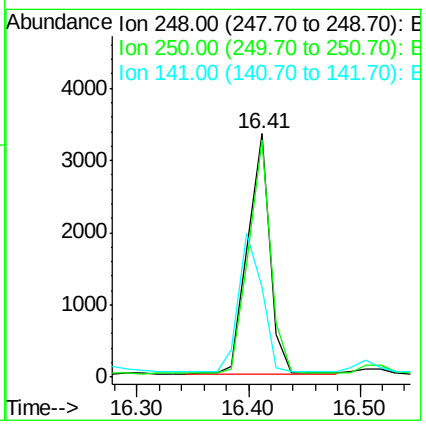


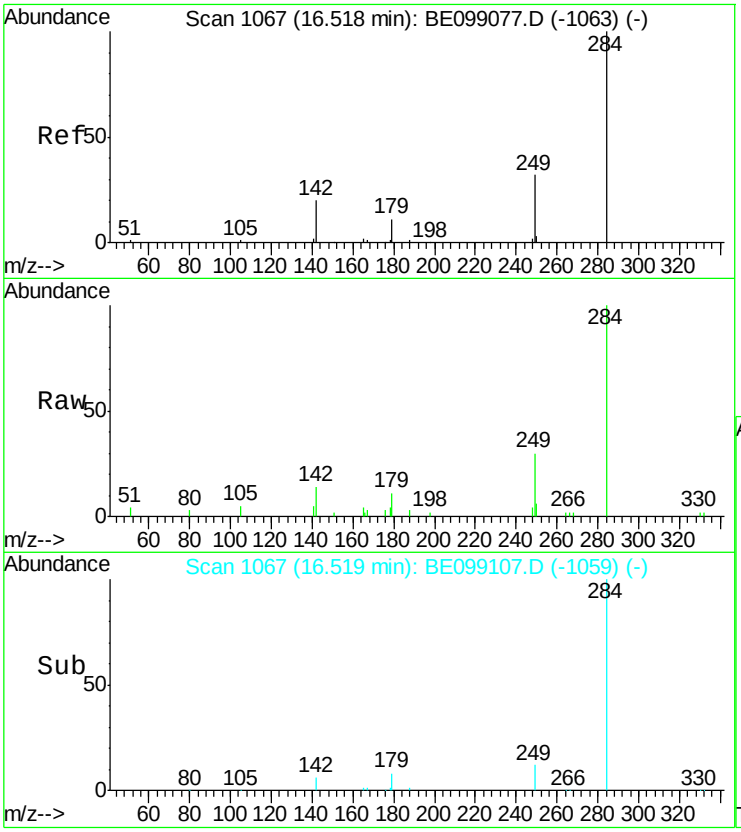


#20
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:248 Resp: 4607

Ion	Ratio	Lower	Upper
248	100		
250	97.4	70.6	105.8
141	37.0	68.6	102.8#



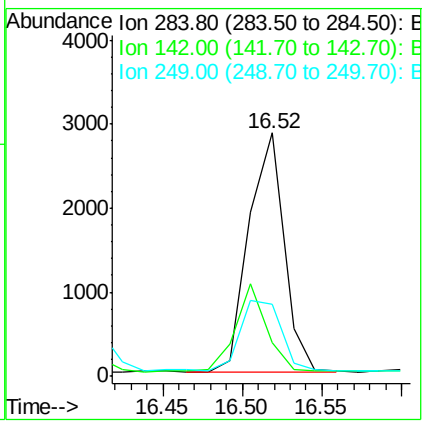


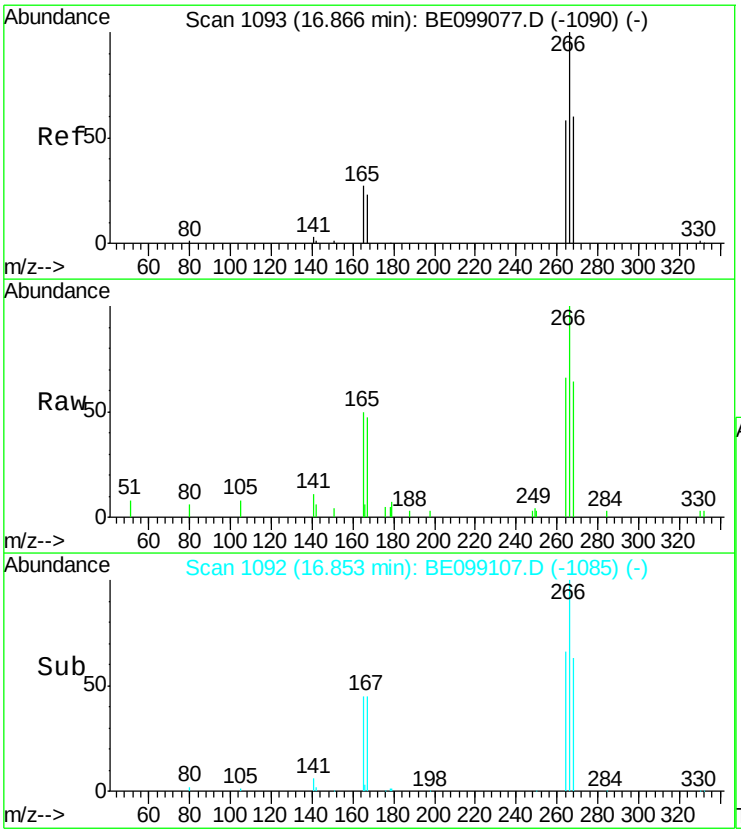
#21
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:284 Resp: 4347

Ion	Ratio	Lower	Upper
284	100		
142	31.9	28.7	43.1
249	34.3	29.6	44.4

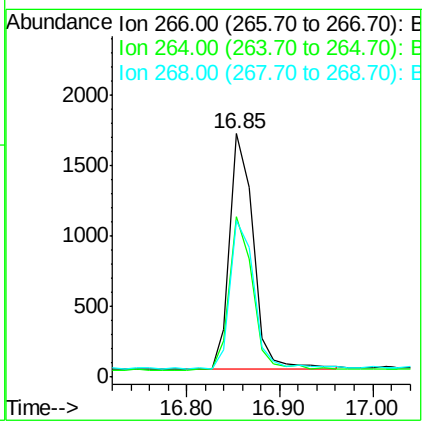


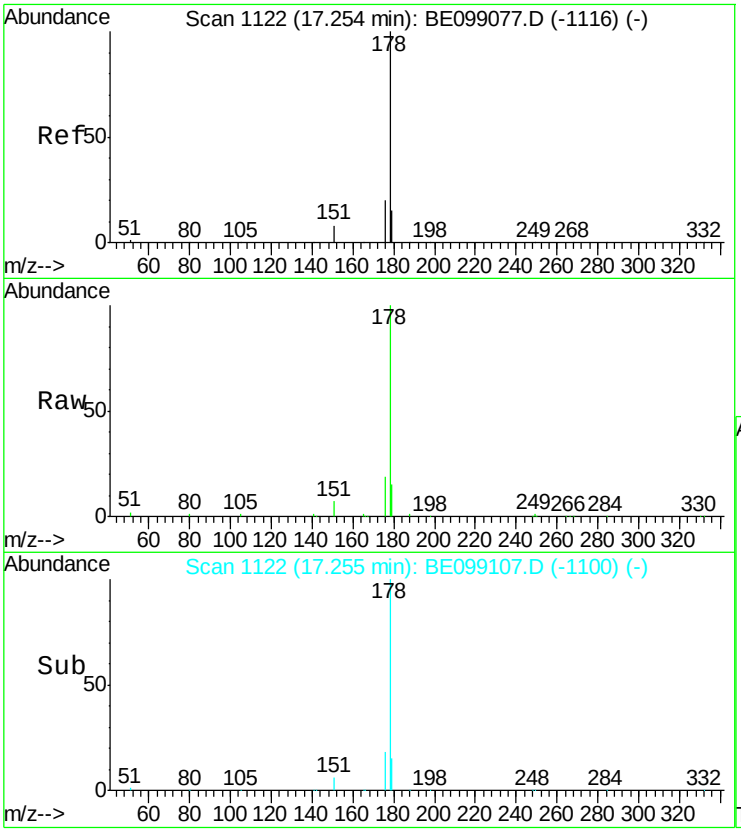


#22
Pentachlorophenol
Concen: 0.815 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:266 Resp: 2944

Ion	Ratio	Lower	Upper
266	100		
264	66.1	66.6	100.0#
268	64.3	69.8	104.8#



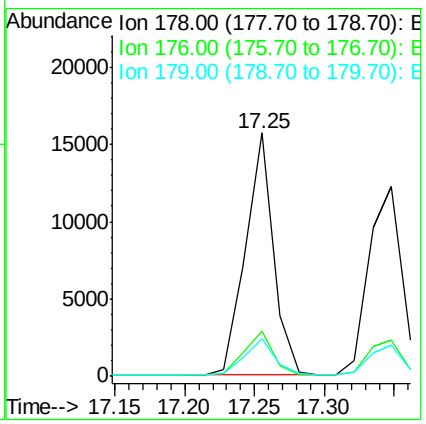


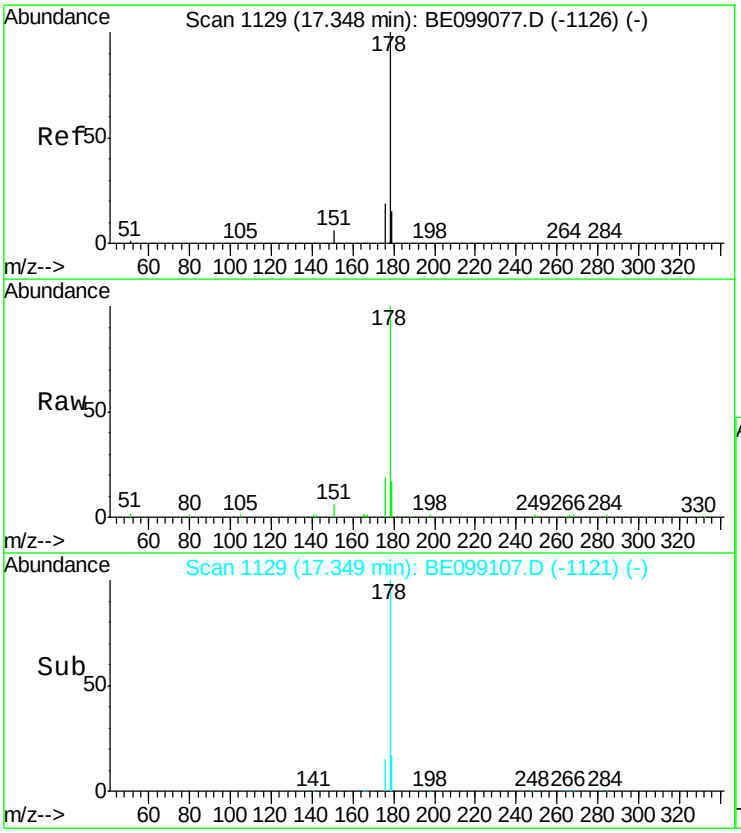
#23
Phenanthrene
Concen: 0.296 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:178 Resp: 21798

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.9	12.1	18.1

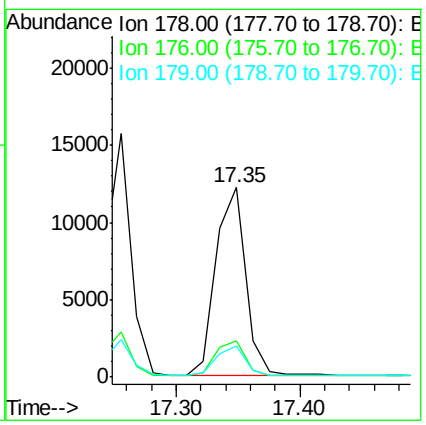


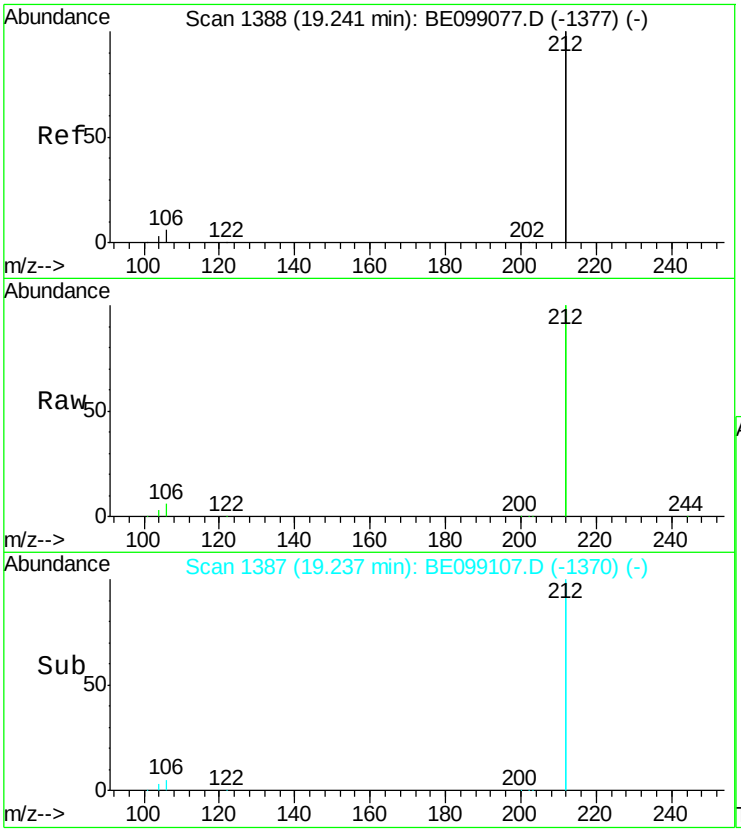


#24
Anthracene
Concen: 0.290 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:178 Resp: 20162

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.4	12.2	18.4



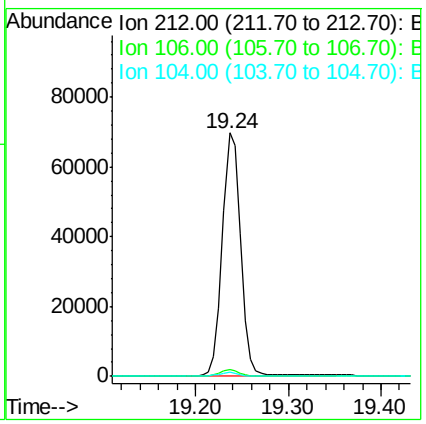


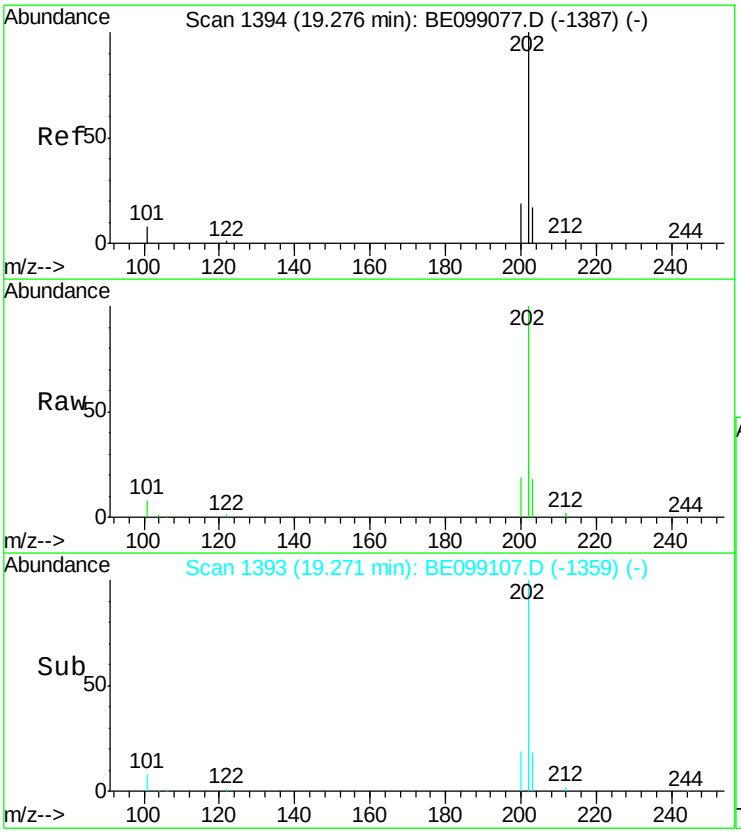
#25
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:212 Resp: 94194

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6

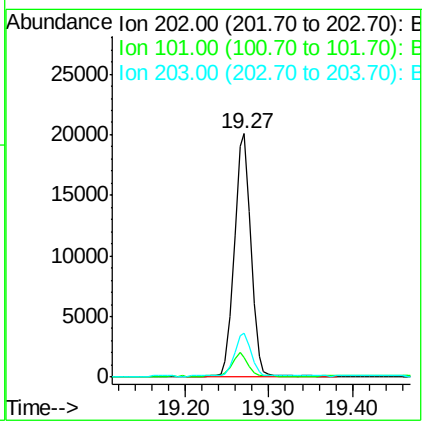


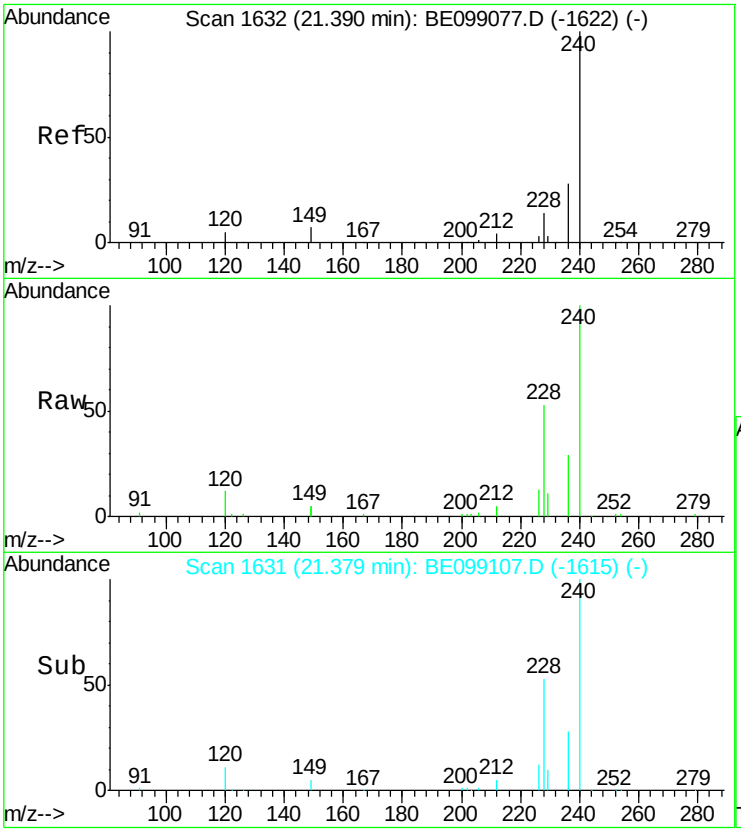


#26
Fluoranthene
Concen: 0.265 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:202 Resp: 27456

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.3	10.9
203	17.4	13.4	20.2



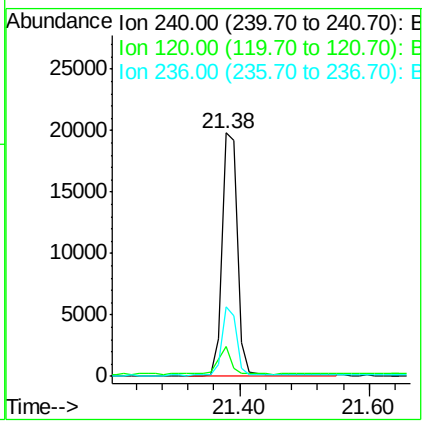


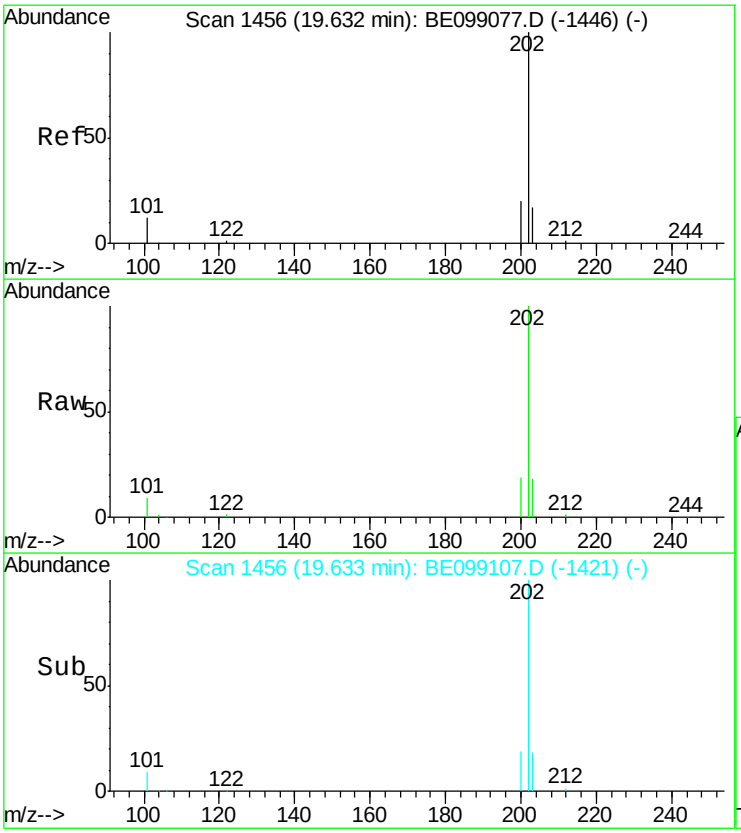
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:240 Resp: 33138

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.0	7.4#
236	28.5	22.7	34.1

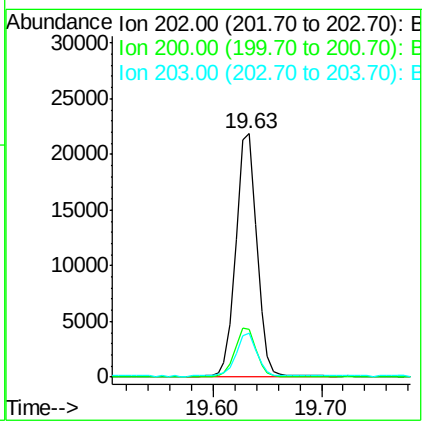


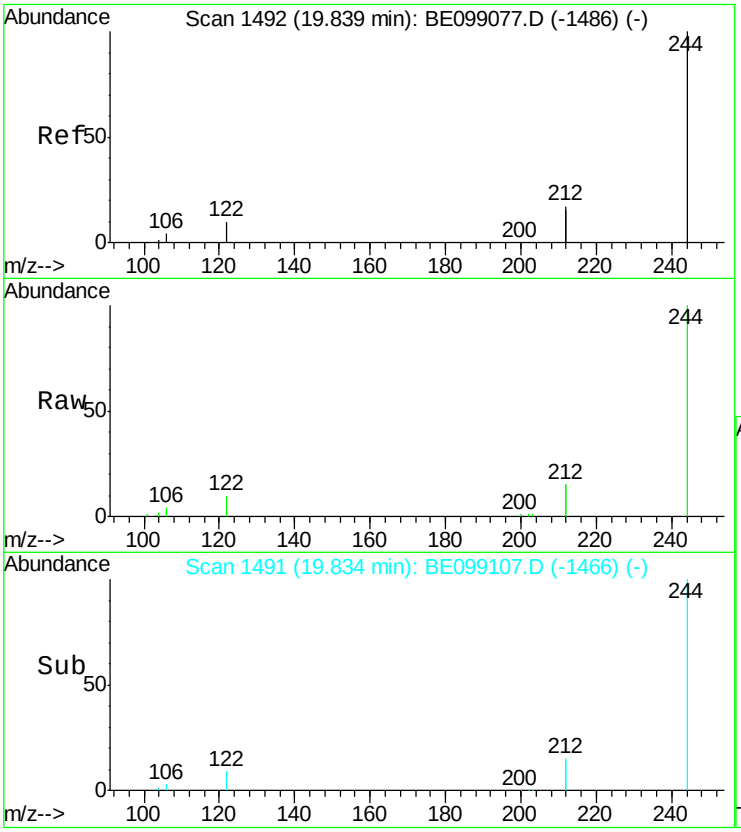


#28
Pyrene
Concen: 0.258 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:202 Resp: 29041

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	18.0	14.2	21.2



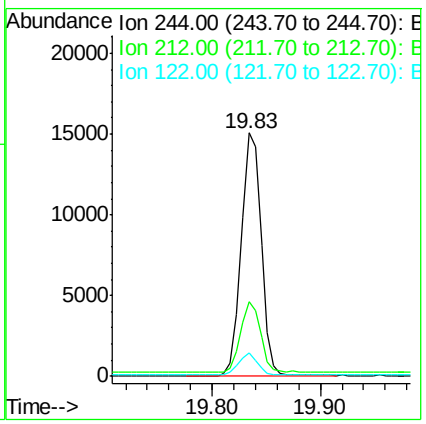


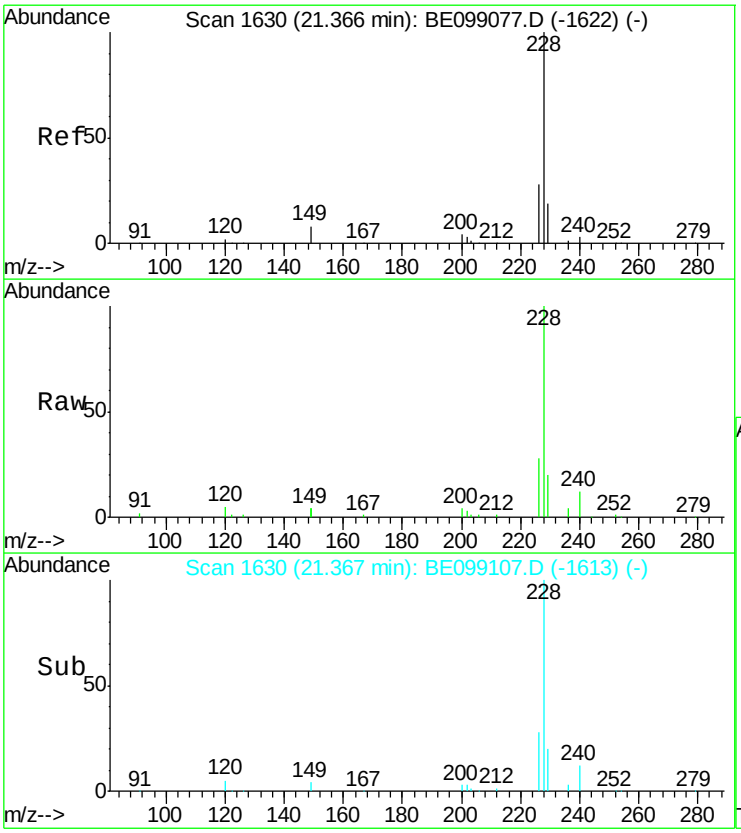
#29
Terphenyl-d14
Concen: 0.272 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:244 Resp: 19102

Ion	Ratio	Lower	Upper
244	100		
212	30.7	29.4	44.2
122	9.6	7.1	10.7

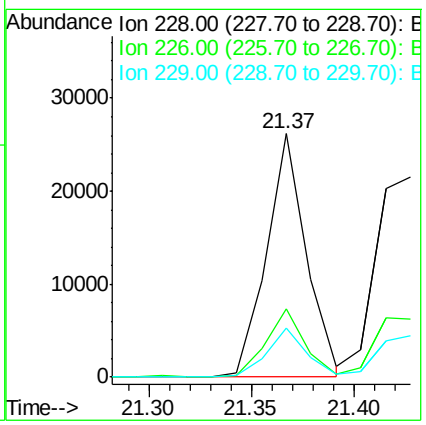


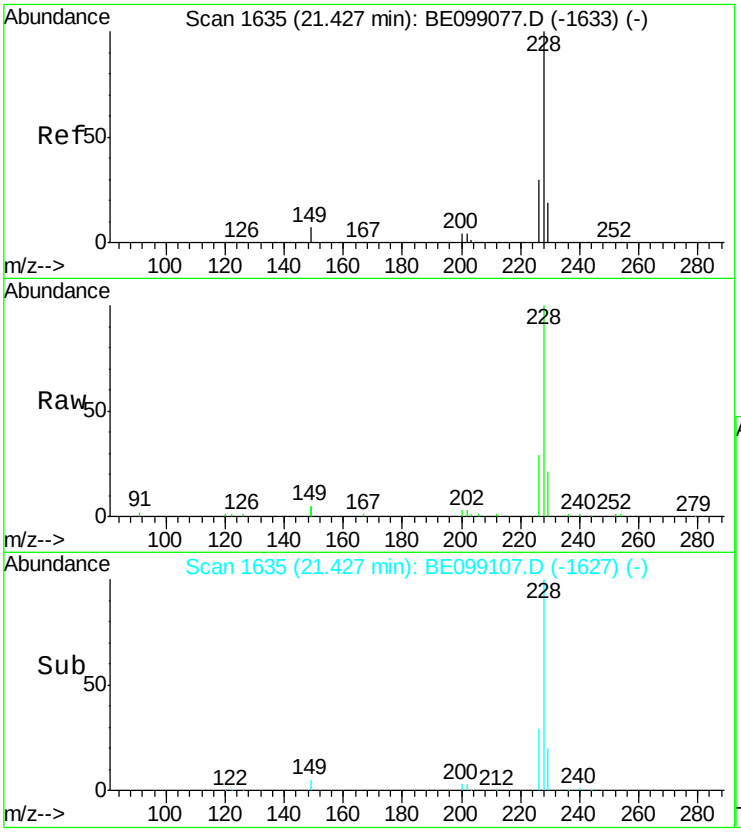


#30
Benzo(a)anthracene
Concen: 0.300 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:228 Resp: 34996

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	20.1	16.5	24.7



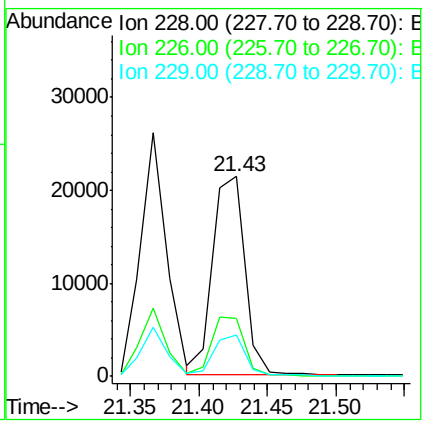


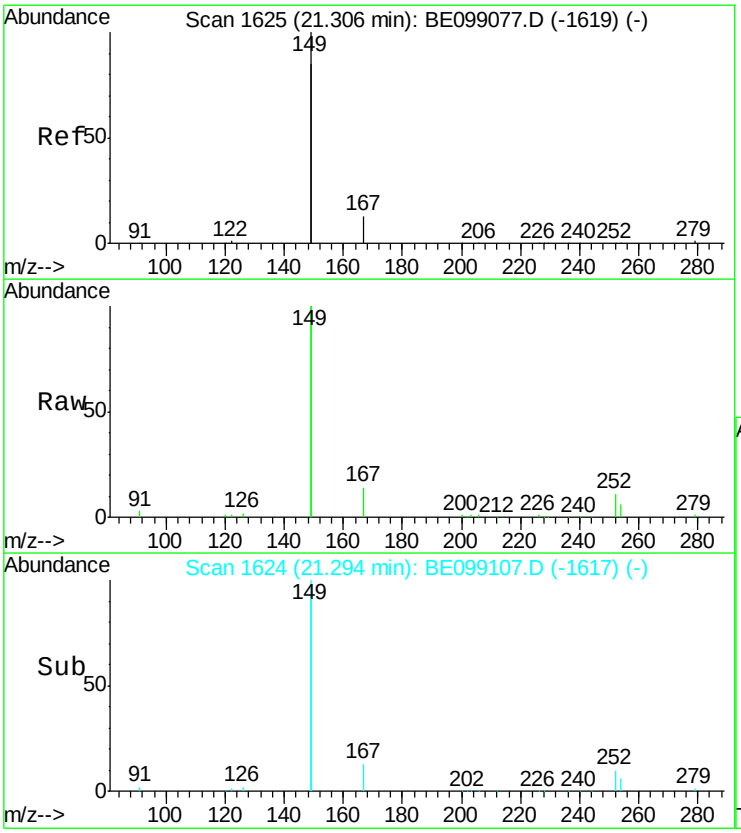
#31
Chrysene
Concen: 0.297 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:228 Resp: 34682

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	20.5	16.1	24.1

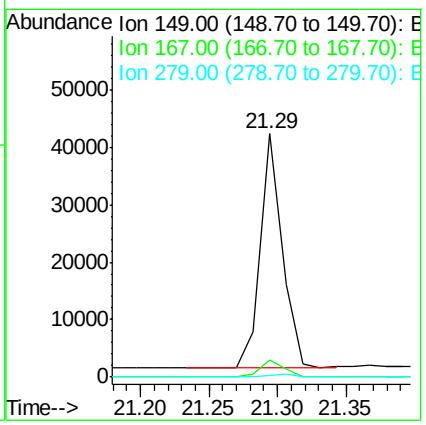


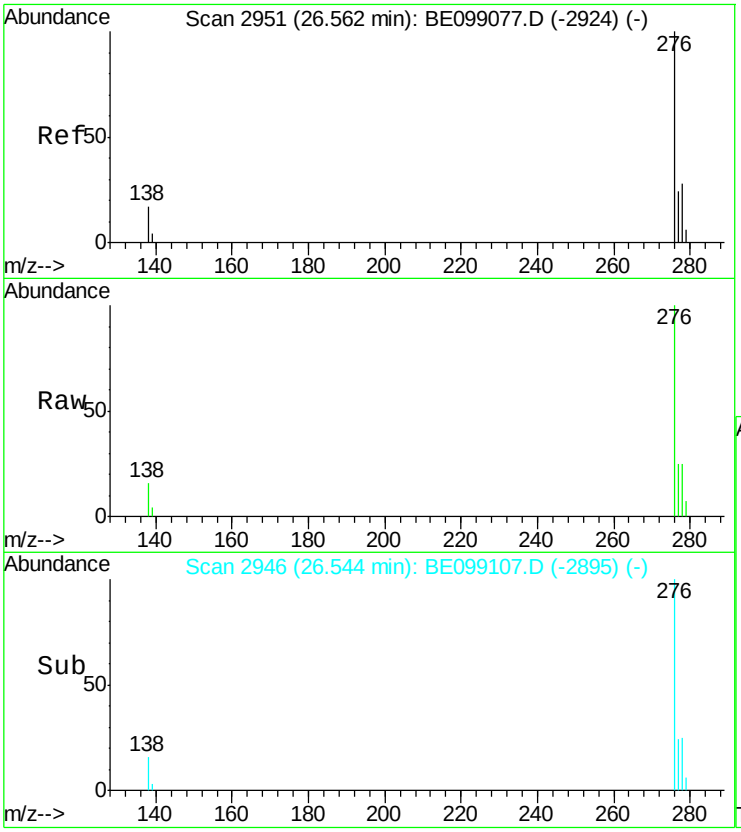


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:149 Resp: 45444

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	1.0	1.4



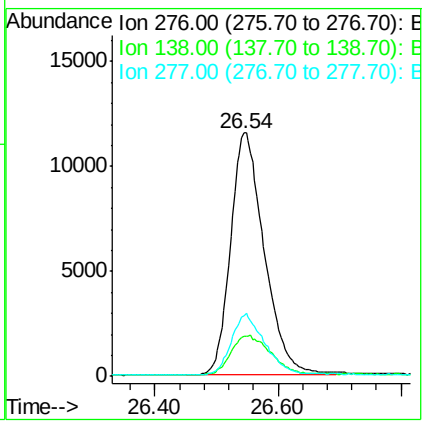


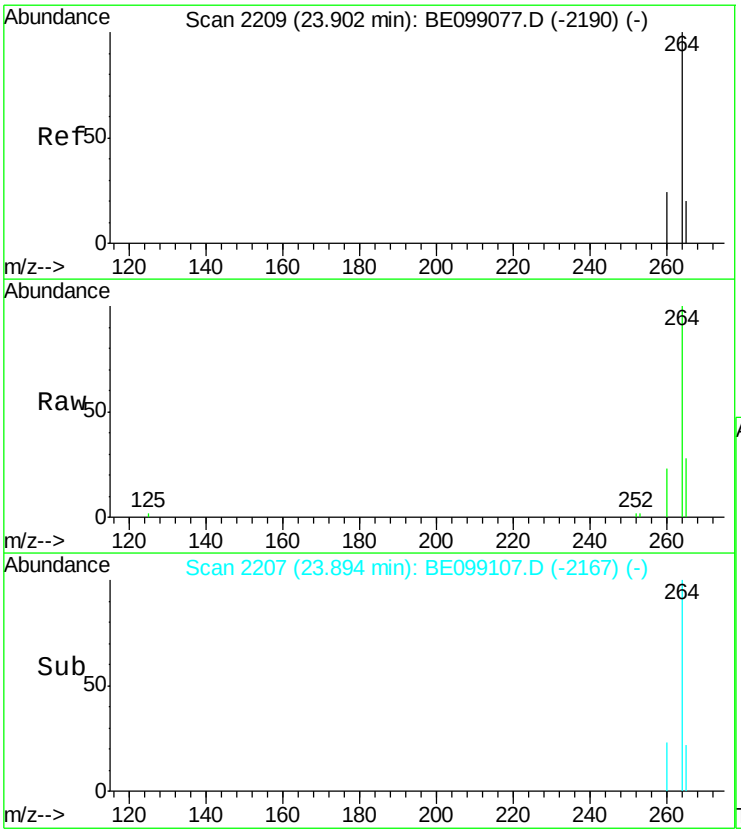
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:276 Resp: 44001

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.8	20.8
277	24.8	19.5	29.3

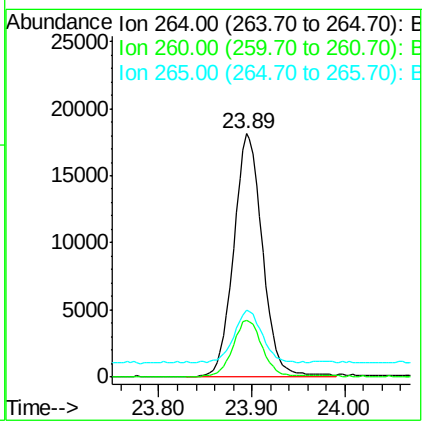


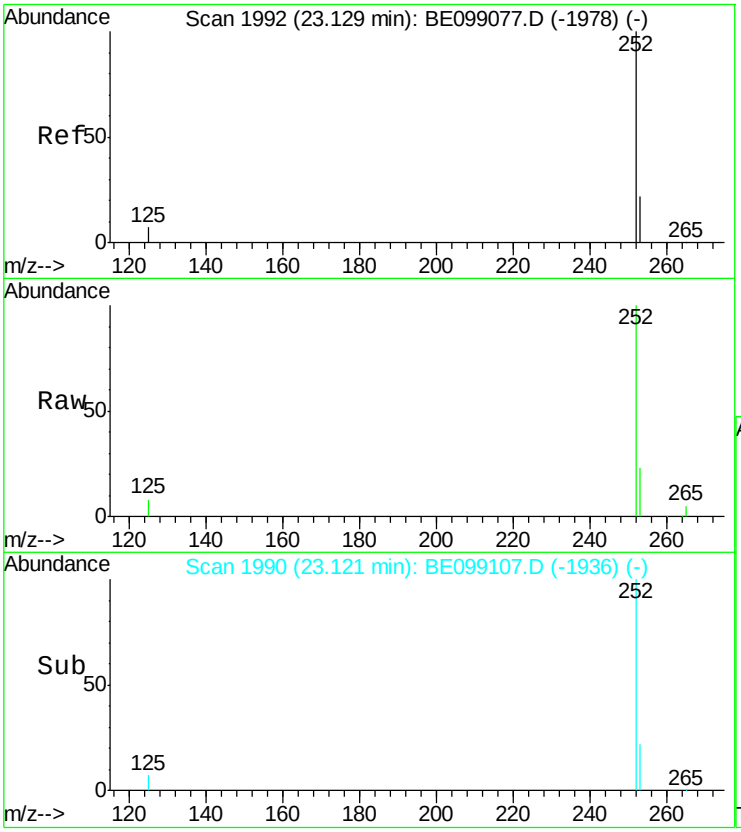


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:264 Resp: 38632

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.2	31.8
265	27.6	24.6	36.8



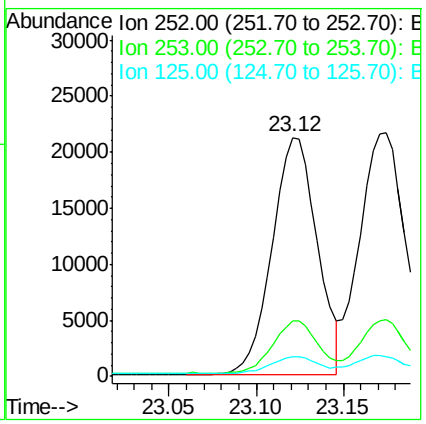


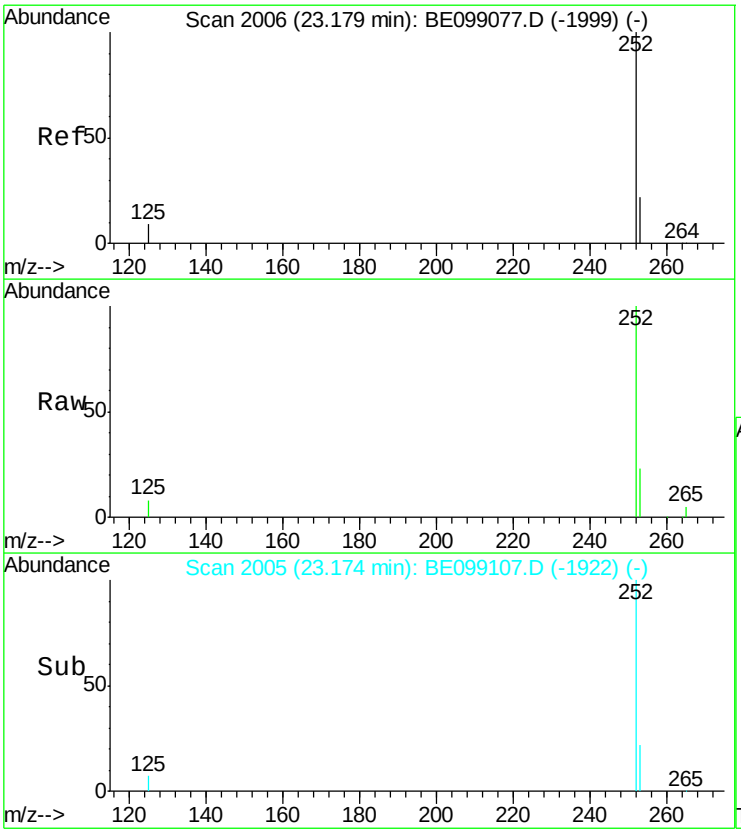
#35
Benzo(b)fluoranthene
Concen: 0.284 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:252 Resp: 37937

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.3	7.3	10.9

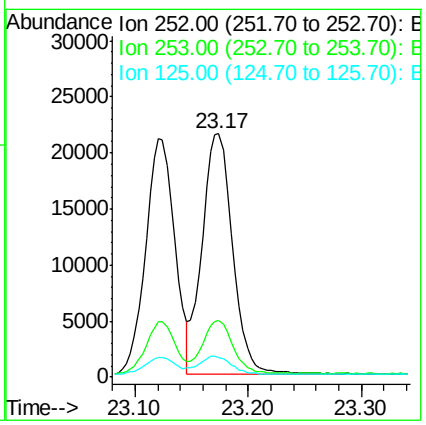


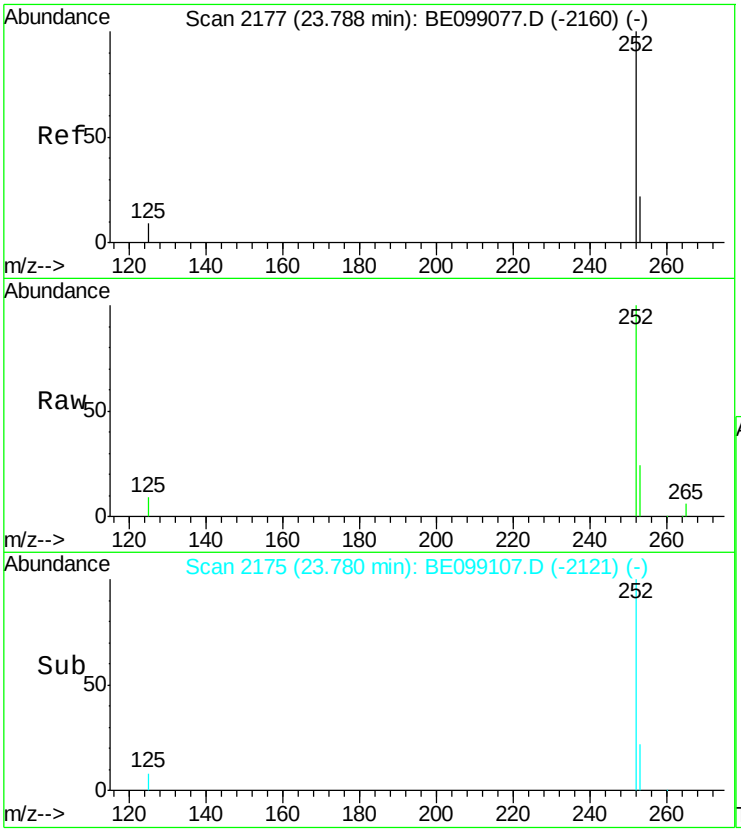


#36
Benzo(k)fluoranthene
Concen: 0.307 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:252 Resp: 40210

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	8.0	7.5	11.3



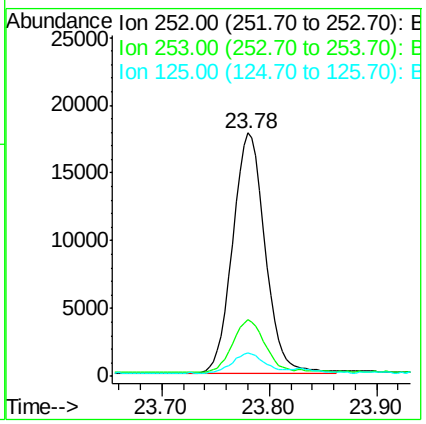


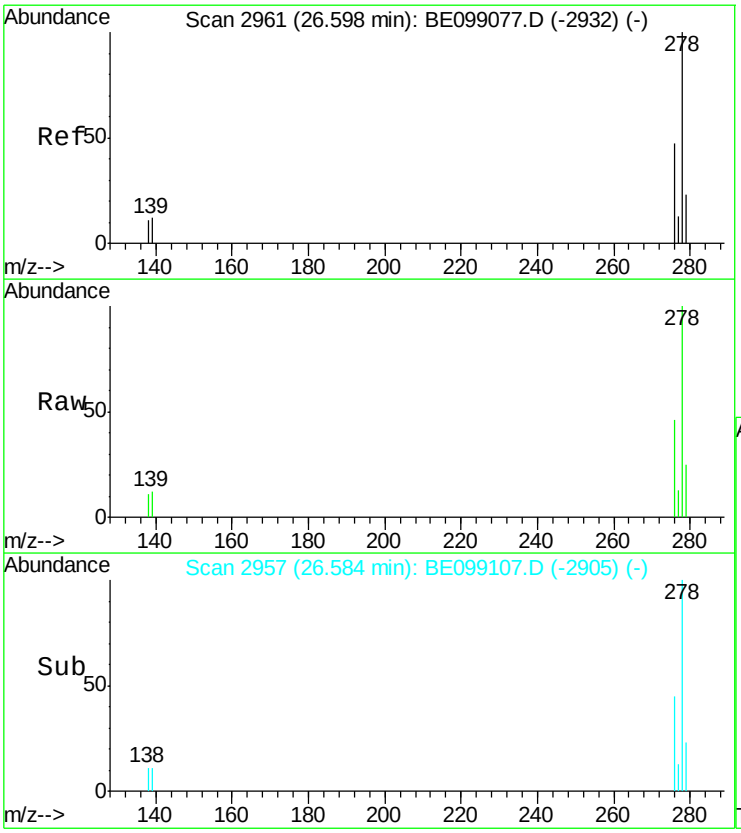
#37
Benzo(a)pyrene
Concen: 0.302 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:252 Resp: 37356

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.9	29.9
125	9.5	9.0	13.4

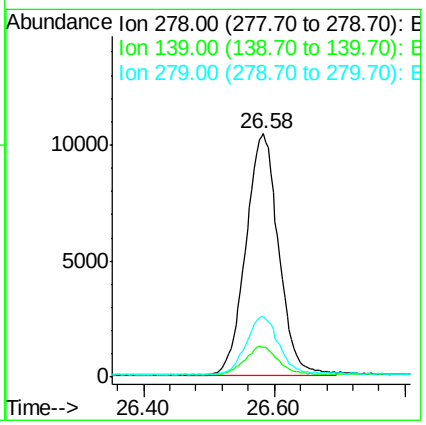


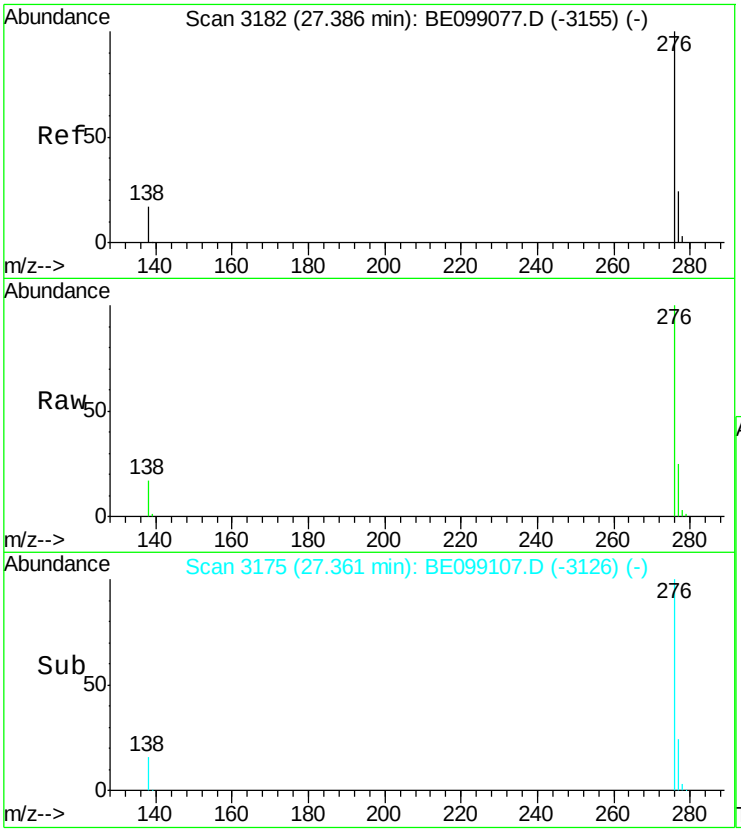


#38
Dibenzo(a,h)anthracene
Concen: 0.304 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Tgt Ion:278 Resp: 36463

Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.8	17.6
279	24.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.305 ng
RT: 27.36 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BE099107.D
Acq: 23 Mar 2019 12:01

Instrument :
BNA_E
ClientSampleId :
PB118176BS

Tgt Ion:276 Resp: 37608

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.4	30.6
138	17.1	13.6	20.4