Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099078.D
Acq On : 22 Mar 2019 12:41
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 22 13:37:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3040	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12008	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	8345	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	24447	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32607	0.40	ng	0.00
34) Perylene-d12	23.90	264	32127	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	7226	0.80	ng	0.00
5) Phenol-d6	7.00	99	10330	0.80	ng	0.00
8) Nitrobenzene-d5	8.99	82	4079	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	17956	0.81	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1921	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	26921	0.78	ng	0.00
25) Fluoranthene-d10	19.24	212	273233	0.70	ng	0.00
29) Terphenyl-d14	19.84	244	55484	0.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	3484	0.581	ng	# 87
3) n-Nitrosodimethylamine	3.67	42	1635	0.214	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	8795	0.888	ng	99
9) Naphthalene	10.68	128	116833	0.850	ng	99
10) Hexachlorobutadiene	10.97	225	5633	0.619	ng	98
12) 2-Methylnaphthalene	12.31	142	19978	0.896	ng	98
16) Acenaphthylene	14.21	152	35454	0.826	ng	100
17) Acenaphthene	14.54	154	21204	0.833	ng	97
18) Fluorene	15.51	166	31490	0.858	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	10932	0.825	ng	98
21) Hexachlorobenzene	16.52	284	10197	0.647	ng	99
22) Pentachlorophenol	16.87	266	2628	0.821	ng	93
23) Phenanthrene	17.25	178	60327	0.868	ng	99
24) Anthracene	17.35	178	56263	0.947	ng	100
26) Fluoranthene	19.27	202	86118	0.878	ng	99
28) Pyrene	19.63	202	88187	0.884	ng	100
30) Benzo(a)anthracene	21.37	228	92836	0.912	ng	99
31) Chrysene	21.43	228	93412	0.858	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	104717	0.484	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	99558	0.866	ng	100
35) Benzo(b)fluoranthene	23.13	252	90351	0.855	ng	99
36) Benzo(k)fluoranthene	23.18	252	87385	0.790	ng	98
37) Benzo(a)pyrene	23.79	252	83009	0.820	ng	97
38) Dibenzo(a,h)anthracene	26.60	278	81155	0.847	ng	99
39) Benzo(g,h,i)perylene	27.39	276	83177	0.830	ng	99

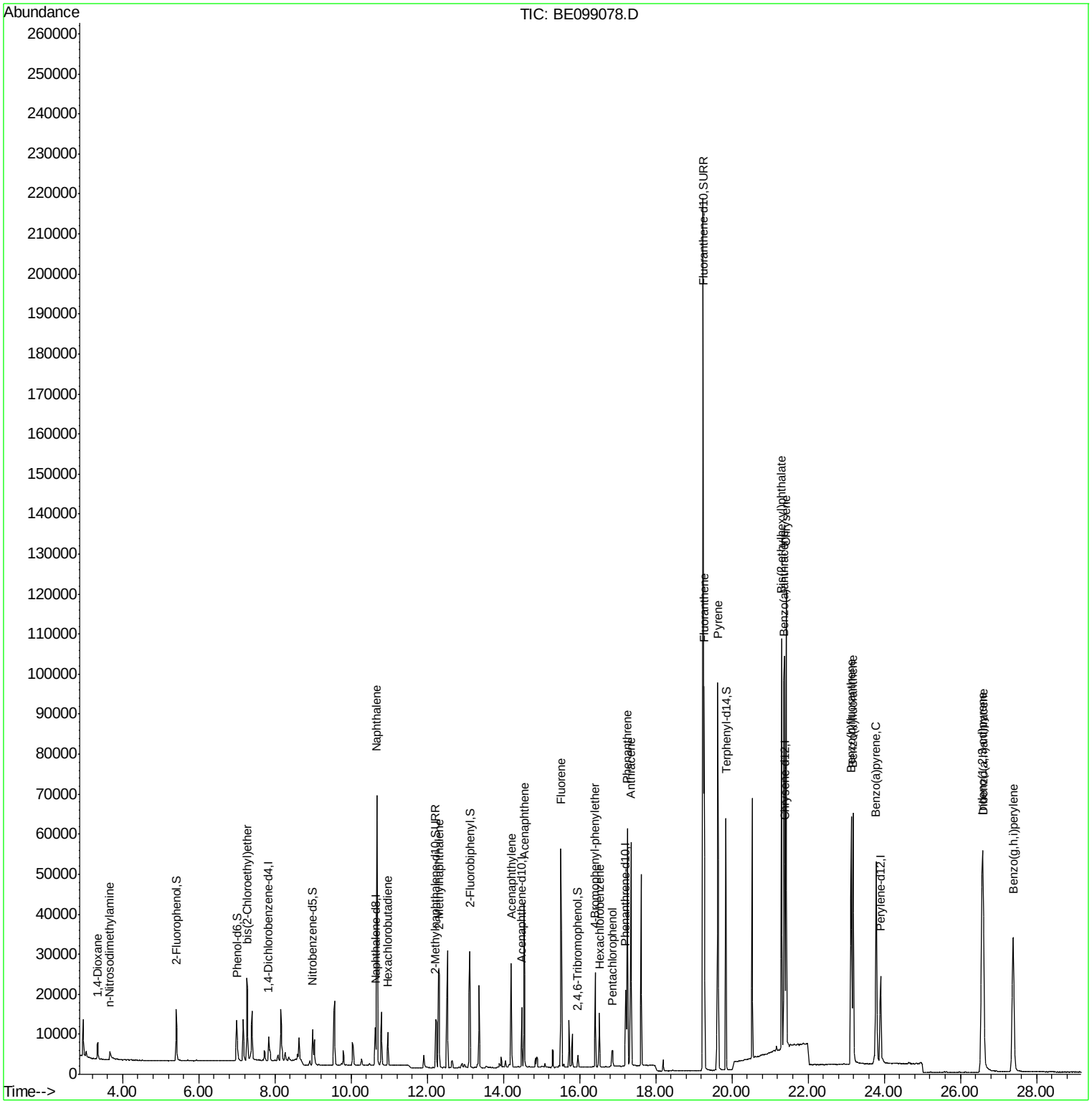
(#) = qualifier out of range (m) = manual integration (+) = signals summed

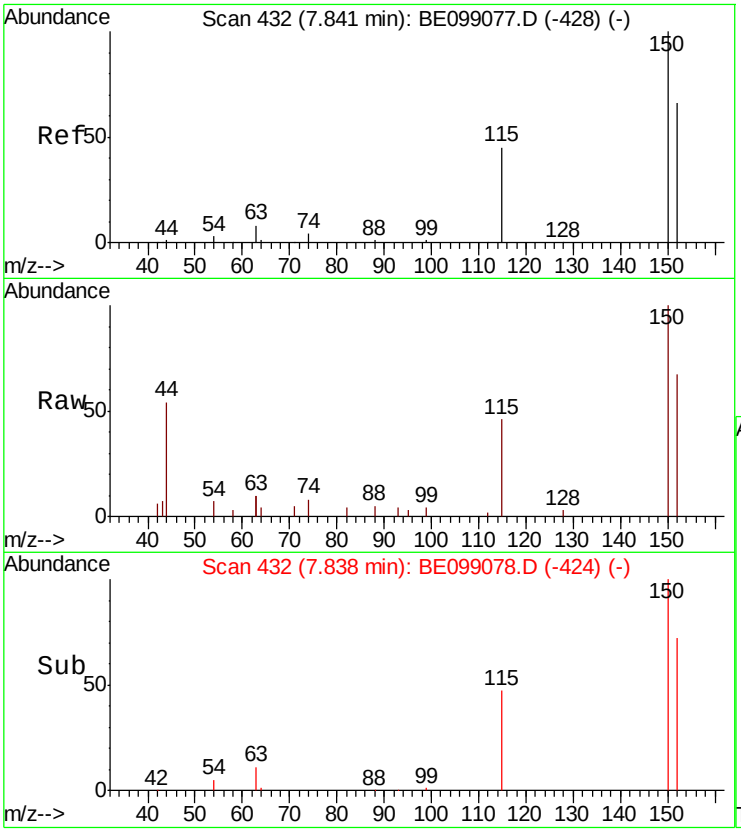
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099078.D
Acq On : 22 Mar 2019 12:41
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 22 13:37:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration



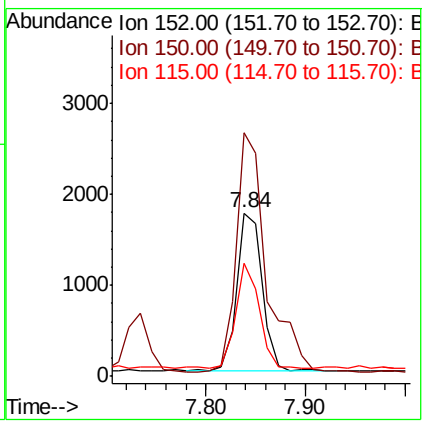


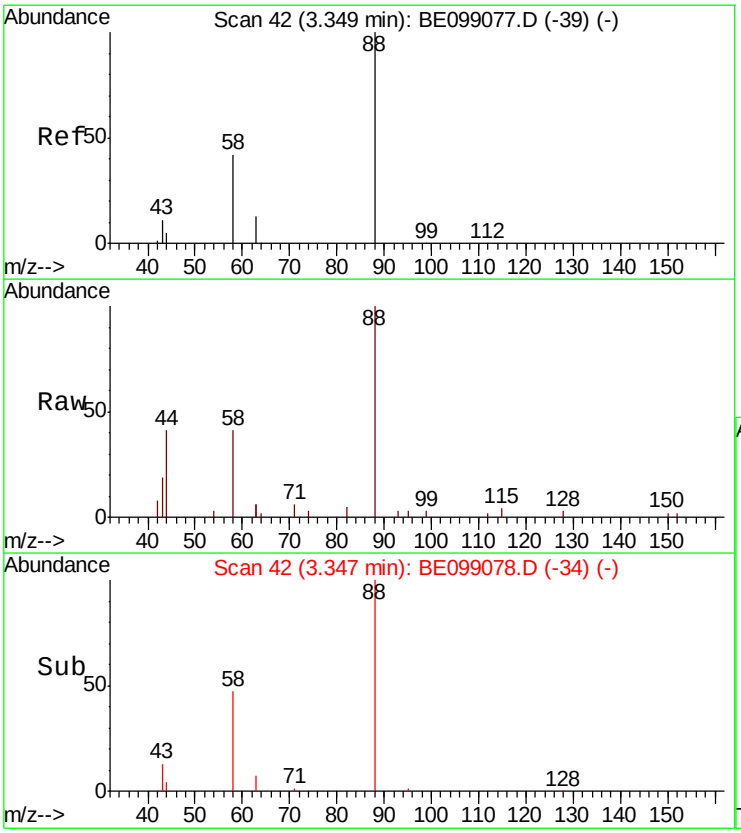
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3040

Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.7	179.5
115	68.9	56.5	84.7

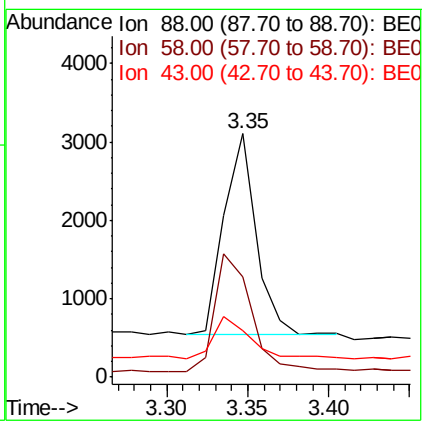


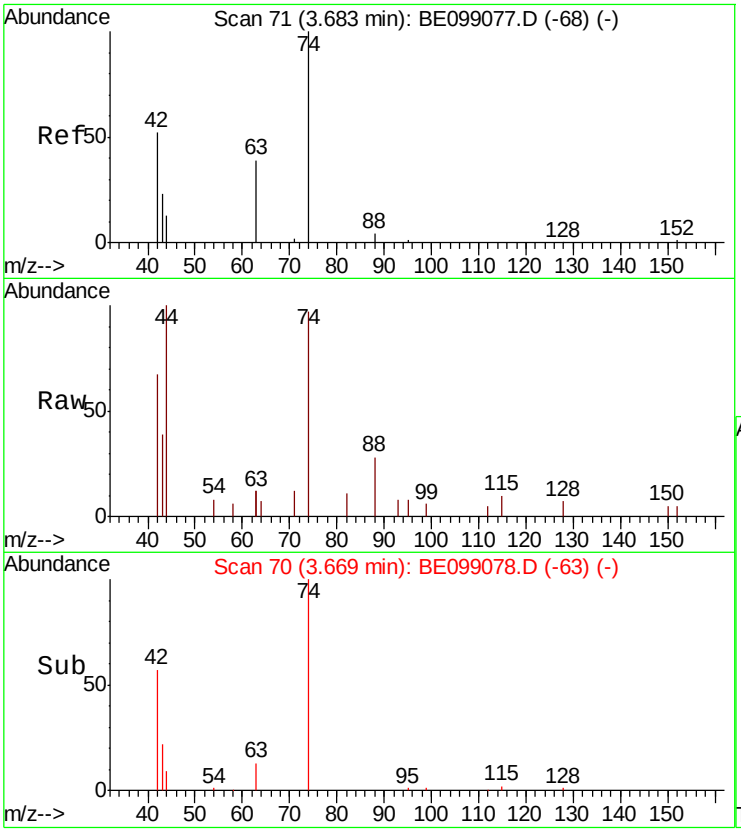


#2
1,4-Dioxane
Concen: 0.581 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion: 88 Resp: 3484

Ion	Ratio	Lower	Upper
88	100		
58	66.5	45.5	68.3
43	24.8	14.9	22.3#



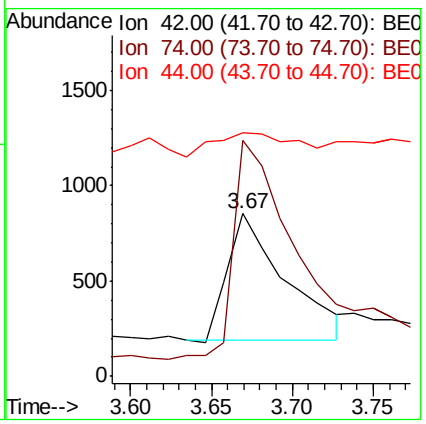


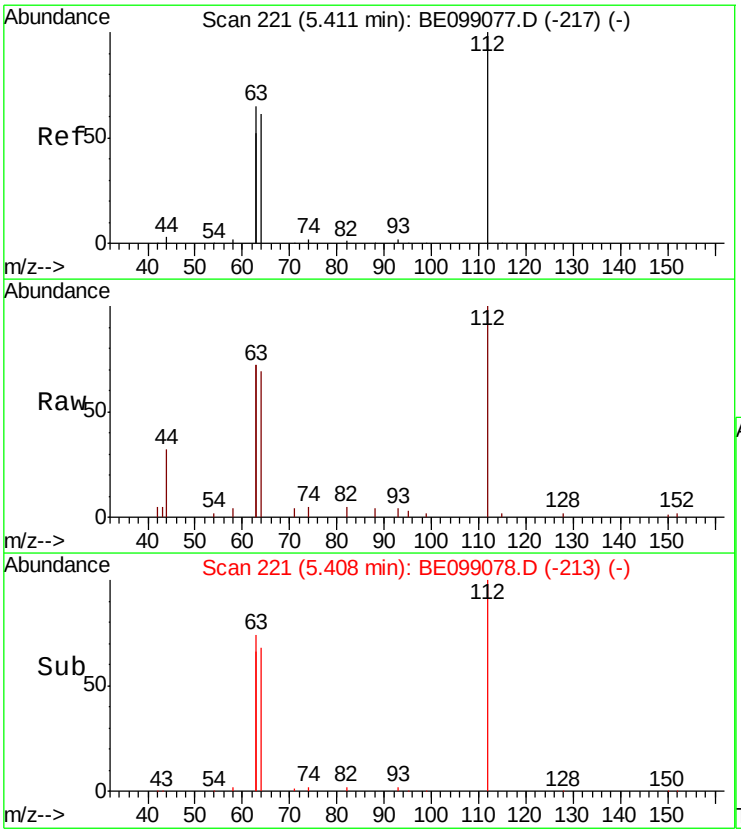
#3
n-Nitrosodimethylamine
Concen: 0.214 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1635

Ion	Ratio	Lower	Upper
42	100		
74	189.6	0.0	0.0#
44	27.2	0.0	0.0#

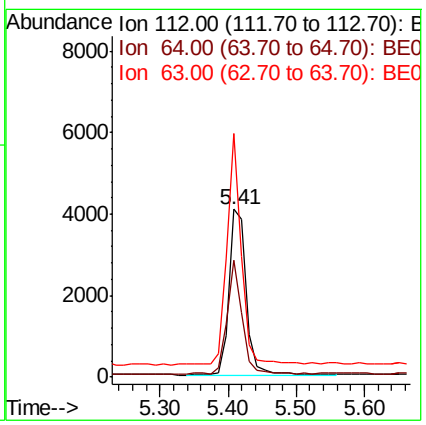


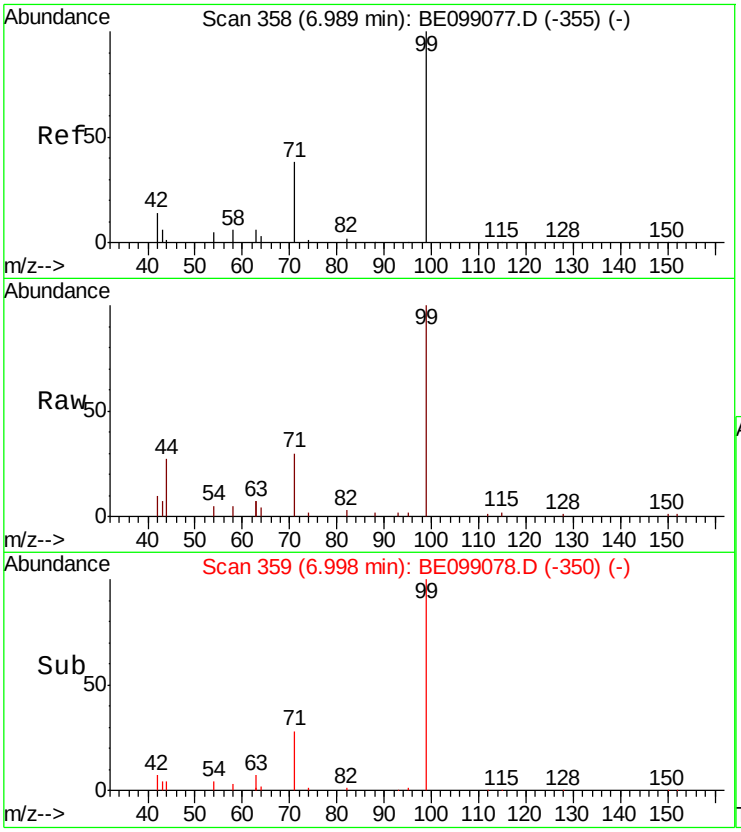


#4
2-Fluorophenol
Concen: 0.795 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:112 Resp: 7226

Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.8	67.2
63	115.9	88.2	132.2



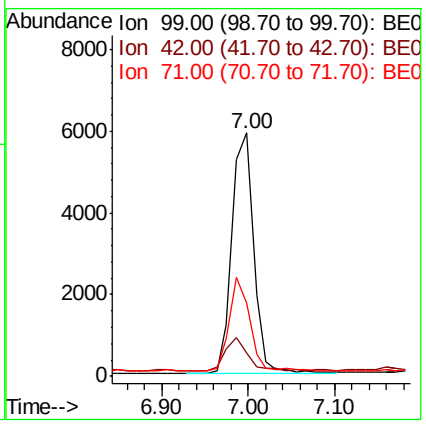


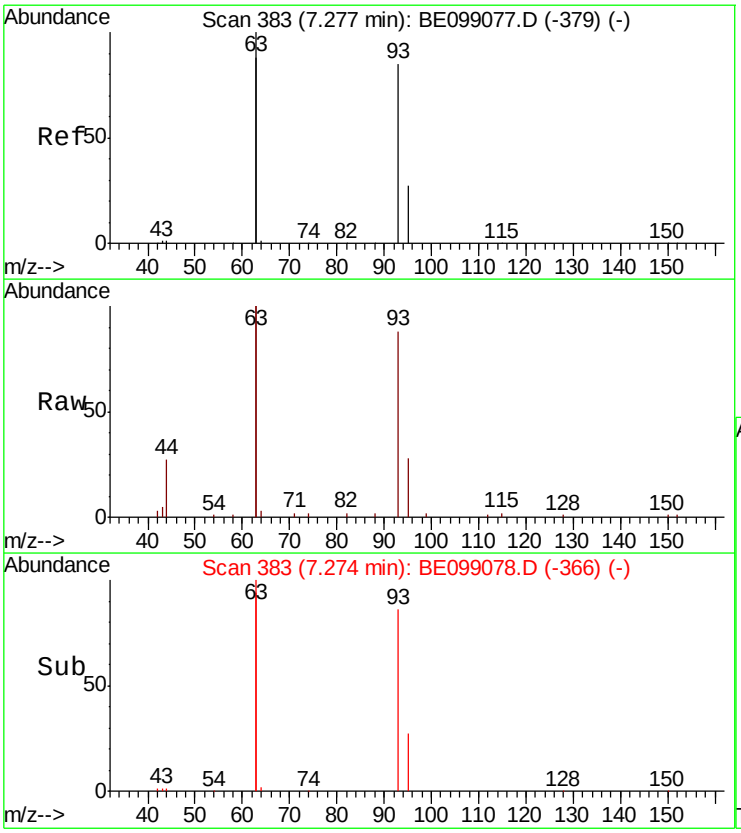
#5
Phenol-d6
Concen: 0.805 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10330

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.8	17.8
71	36.3	27.4	41.2

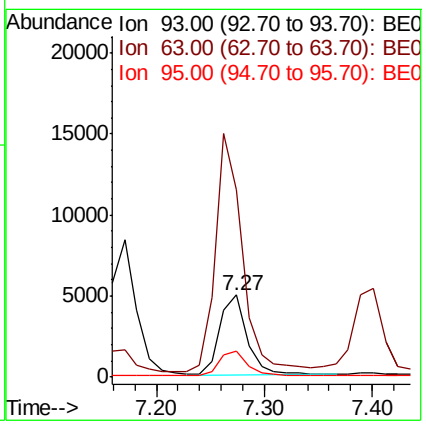


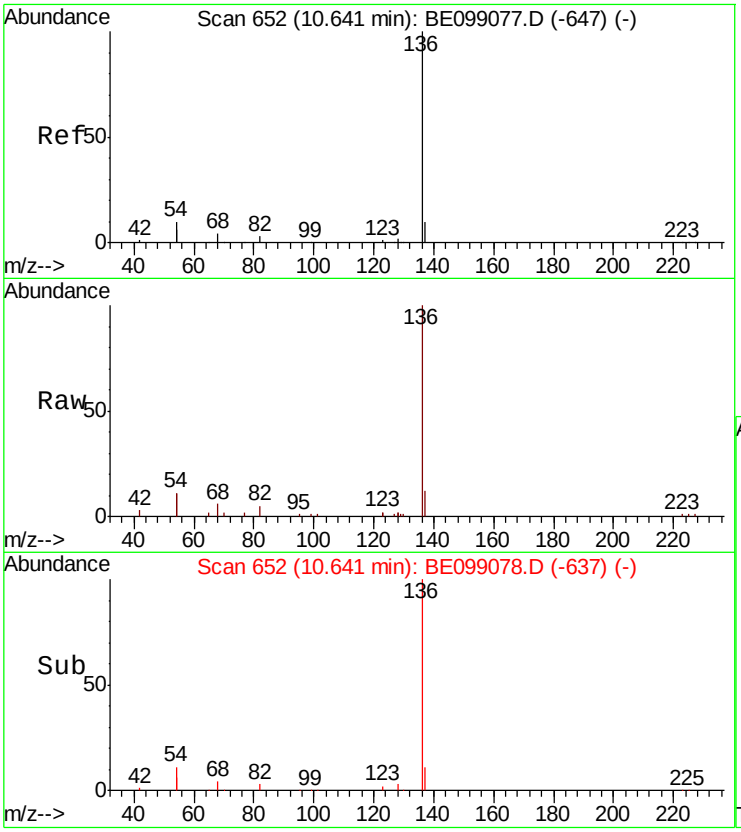


#6
bis(2-Chloroethyl)ether
Concen: 0.888 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion: 93 Resp: 8795

Ion	Ratio	Lower	Upper
93	100		
63	286.4	230.3	345.5
95	32.6	27.4	41.2



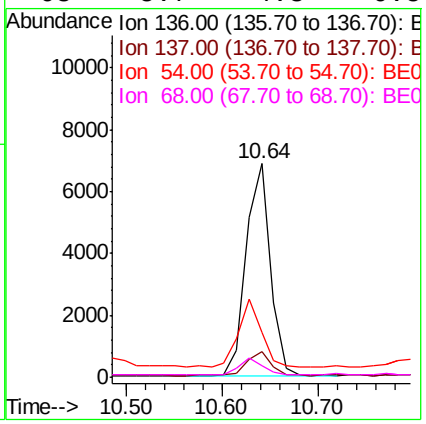


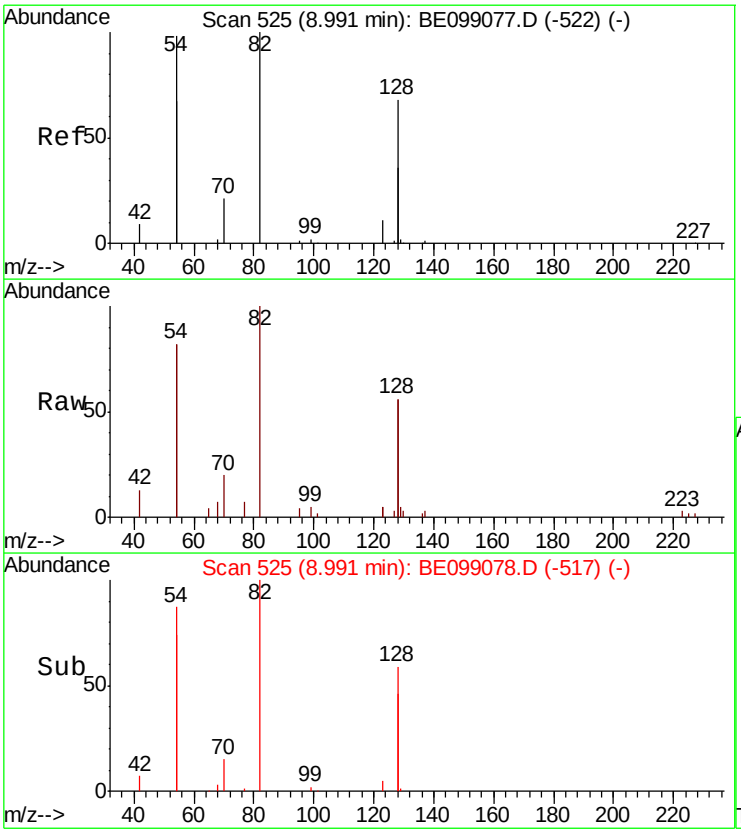
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12008

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	21.1	15.7	23.5
68	5.7	4.3	6.5

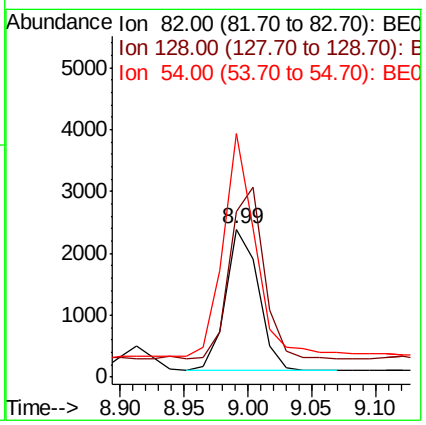


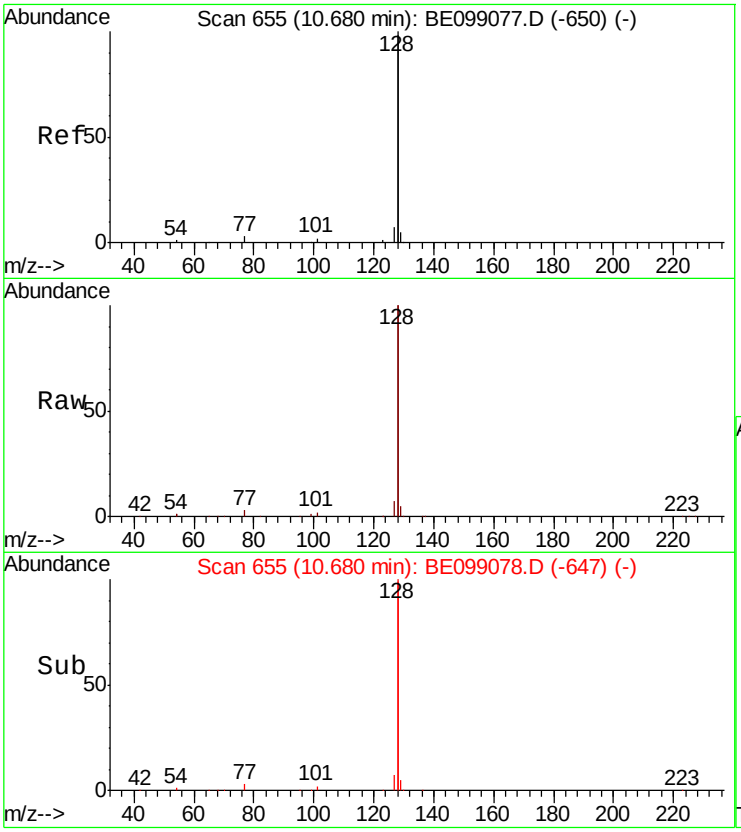


#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion: 82 Resp: 4079

Ion	Ratio	Lower	Upper
82	100		
128	111.8	98.8	148.2
54	164.8	143.7	215.5



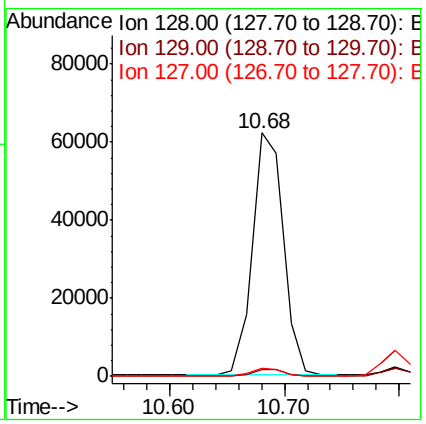


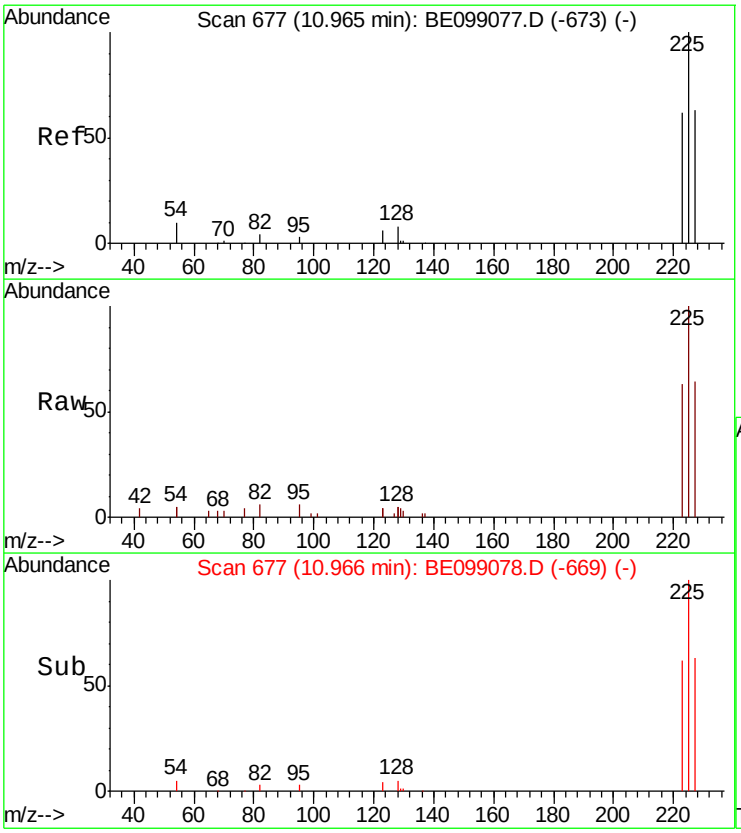
#9
Naphthalene
Concen: 0.850 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 116833

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.4	2.8	4.2

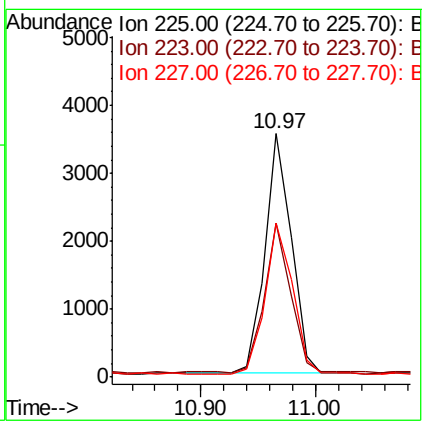


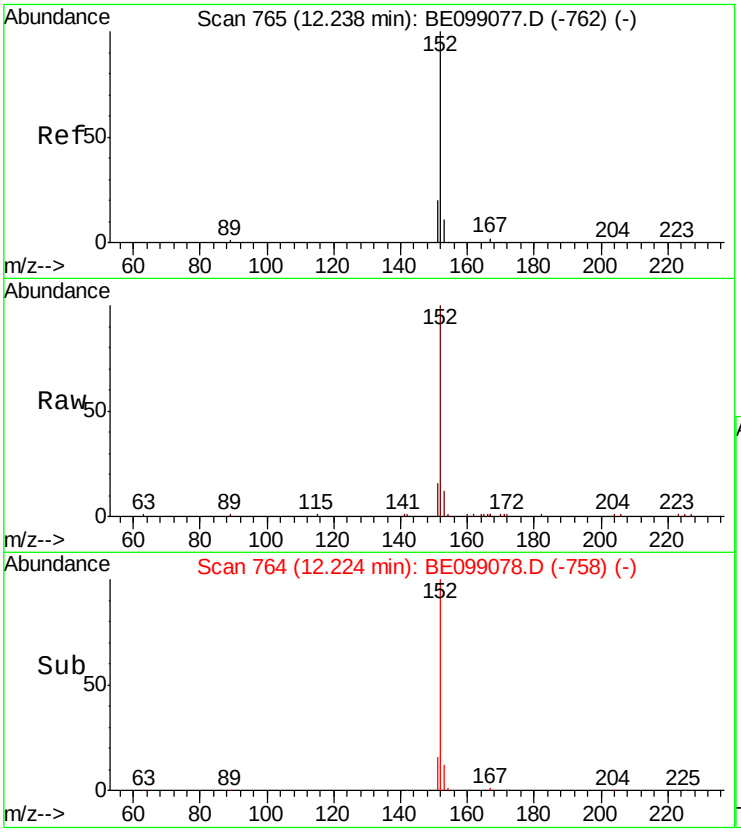


#10
Hexachlorobutadiene
Concen: 0.619 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:225 Resp: 5633

Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.1	76.7
227	65.3	51.4	77.2



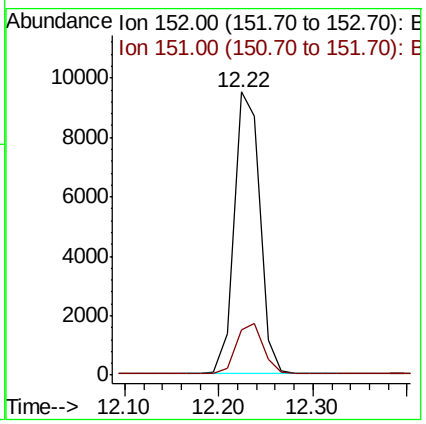


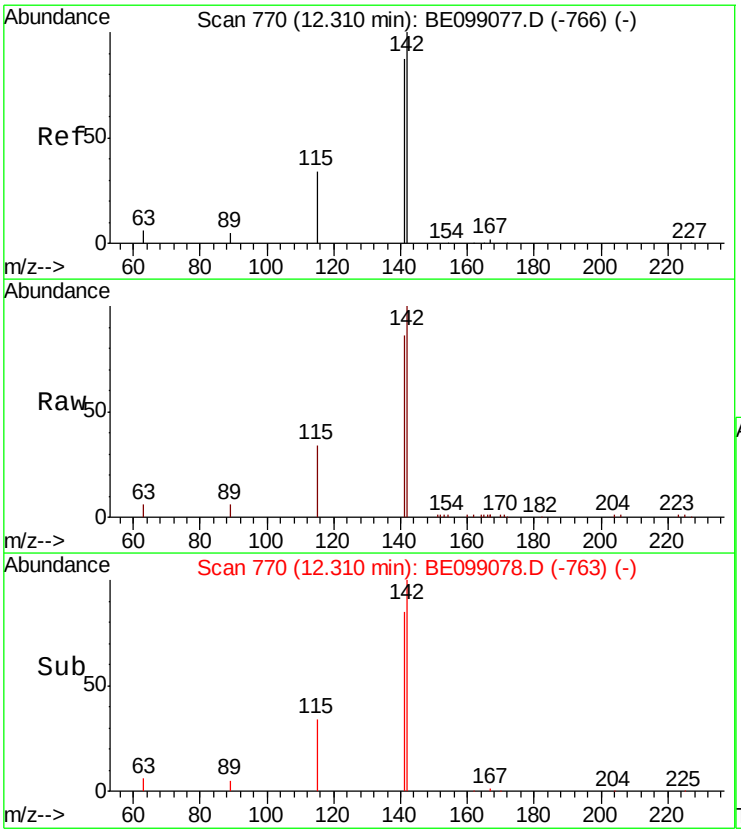
#11
2-Methylnaphthalene-d10
Concen: 0.809 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17956

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.7	23.5

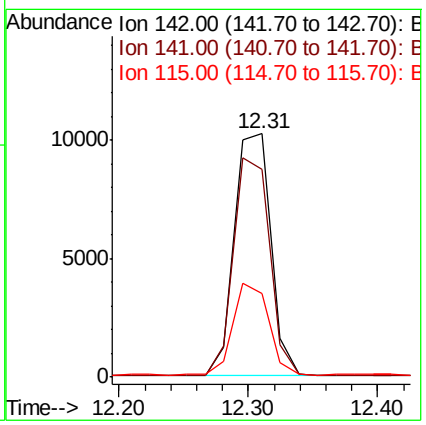


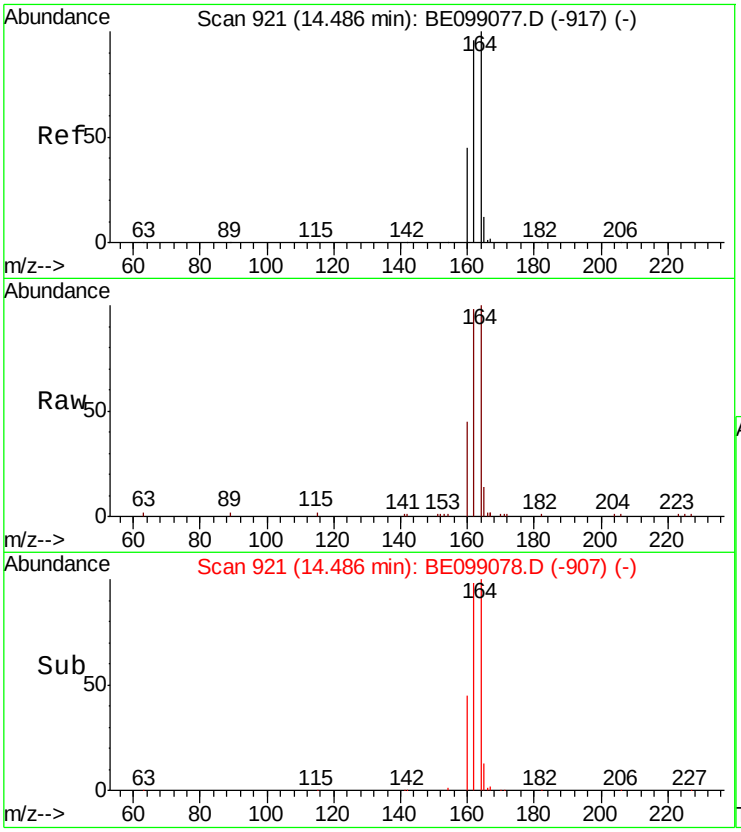


#12
2-Methylnaphthalene
Concen: 0.896 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:142 Resp: 19978

Ion	Ratio	Lower	Upper
142	100		
141	85.5	69.7	104.5
115	34.4	28.2	42.4



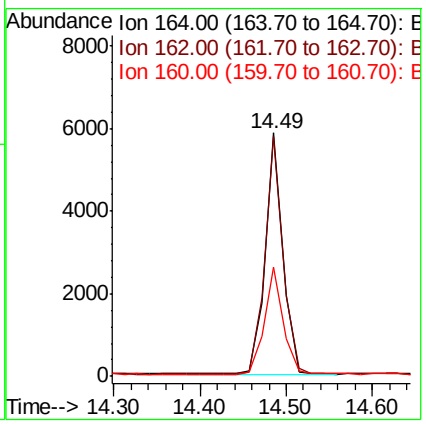


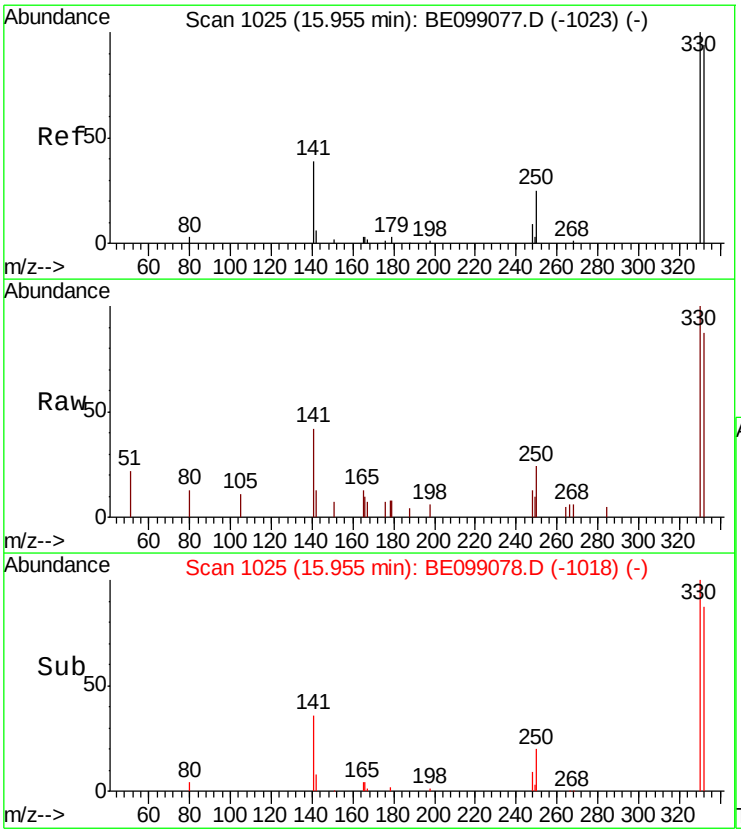
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8345

Ion	Ratio	Lower	Upper
164	100		
162	98.3	76.8	115.2
160	45.0	36.1	54.1

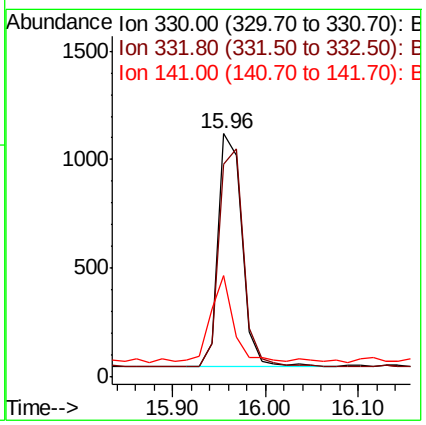


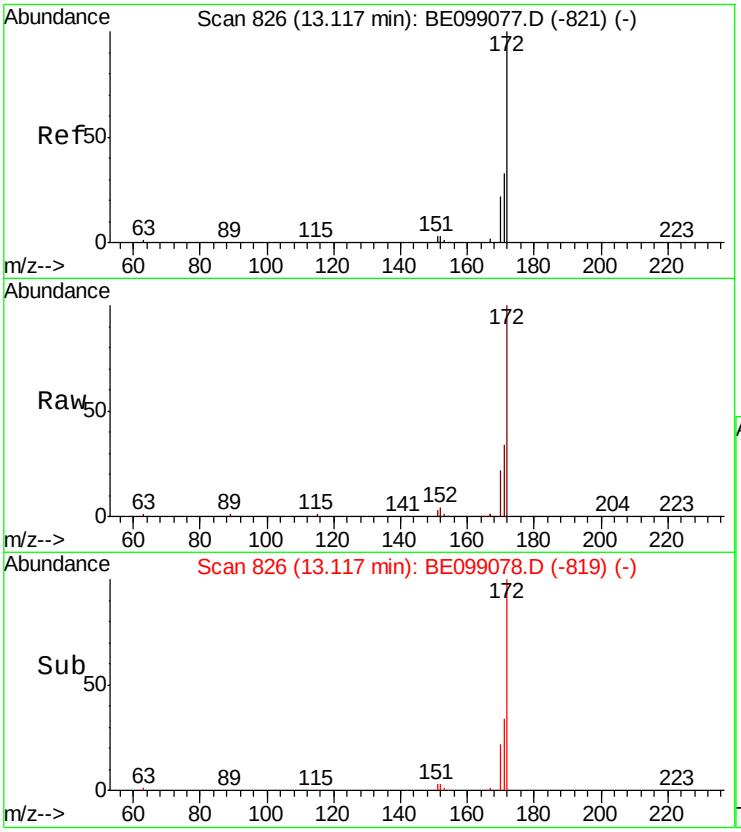


#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:330 Resp: 1921

Ion	Ratio	Lower	Upper
330	100		
332	96.4	83.0	124.4
141	34.5	30.7	46.1



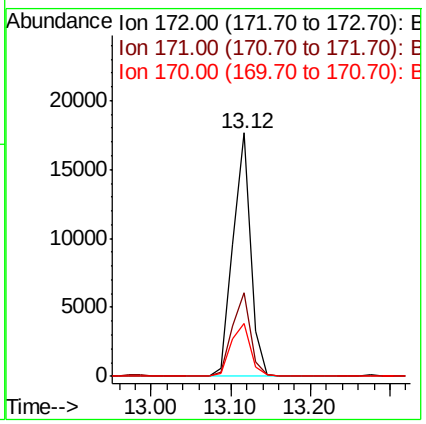


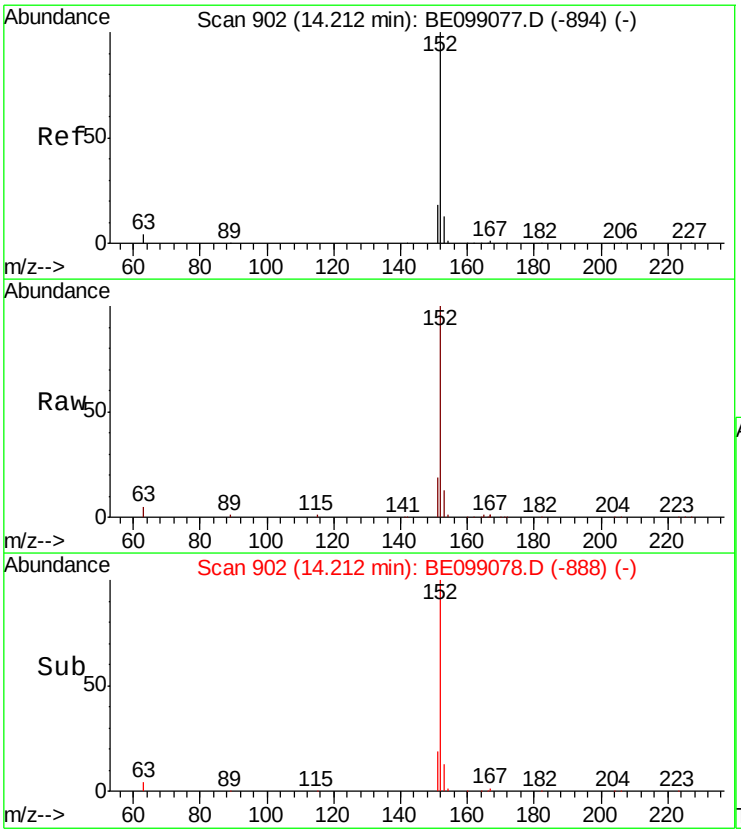
#15
2-Fluorobiphenyl
Concen: 0.779 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 26921

Ion	Ratio	Lower	Upper
172	100		
171	34.1	26.7	40.1
170	22.0	18.1	27.1

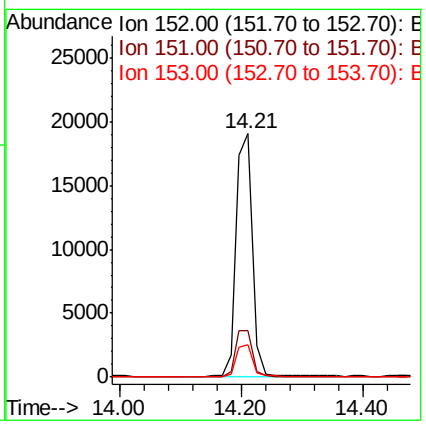


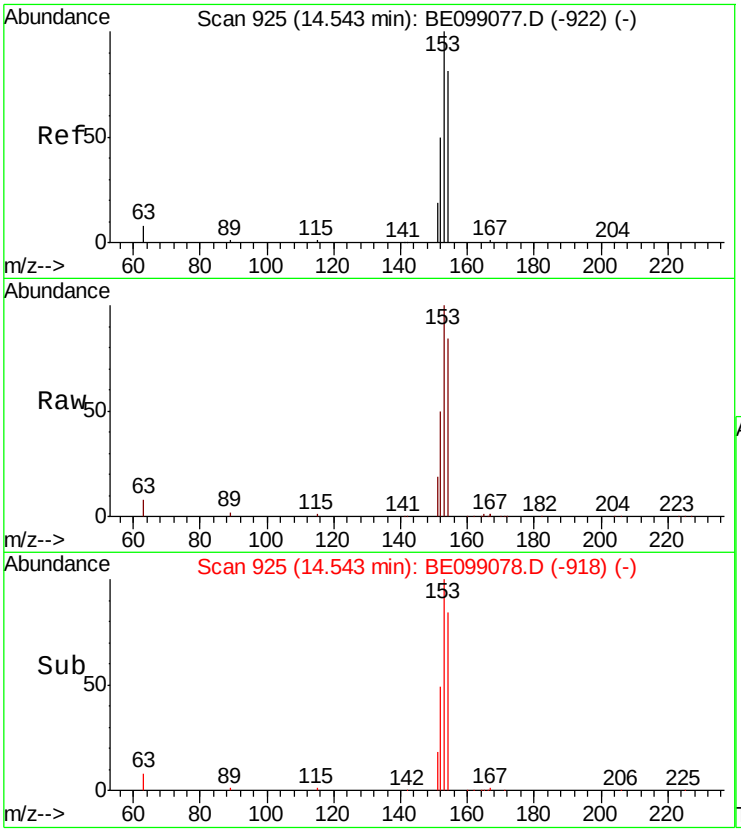


#16
Acenaphthylene
Concen: 0.826 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:152 Resp: 35454

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.2	15.4



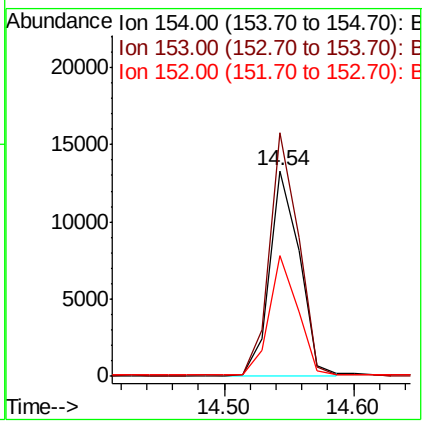


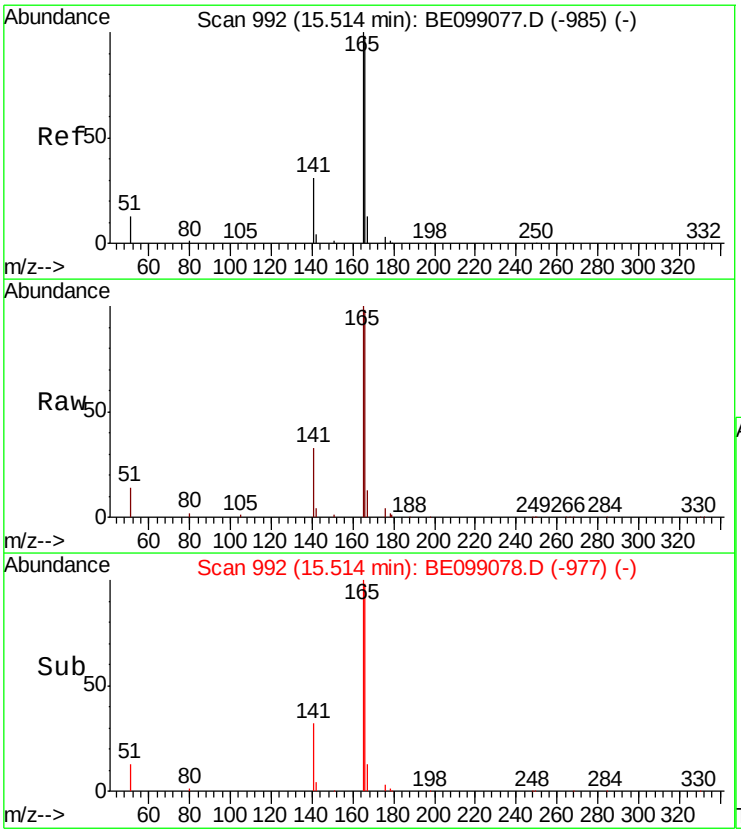
#17
Acenaphthene
Concen: 0.833 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 21204

Ion	Ratio	Lower	Upper
154	100		
153	115.3	94.9	142.3
152	56.0	45.8	68.8

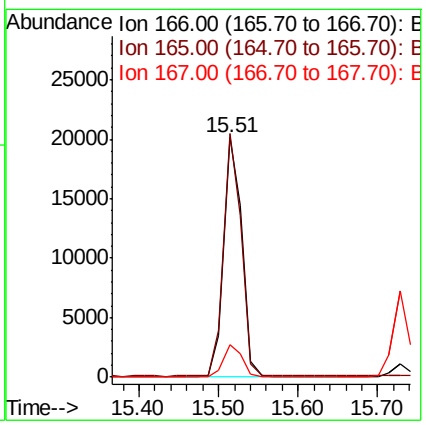


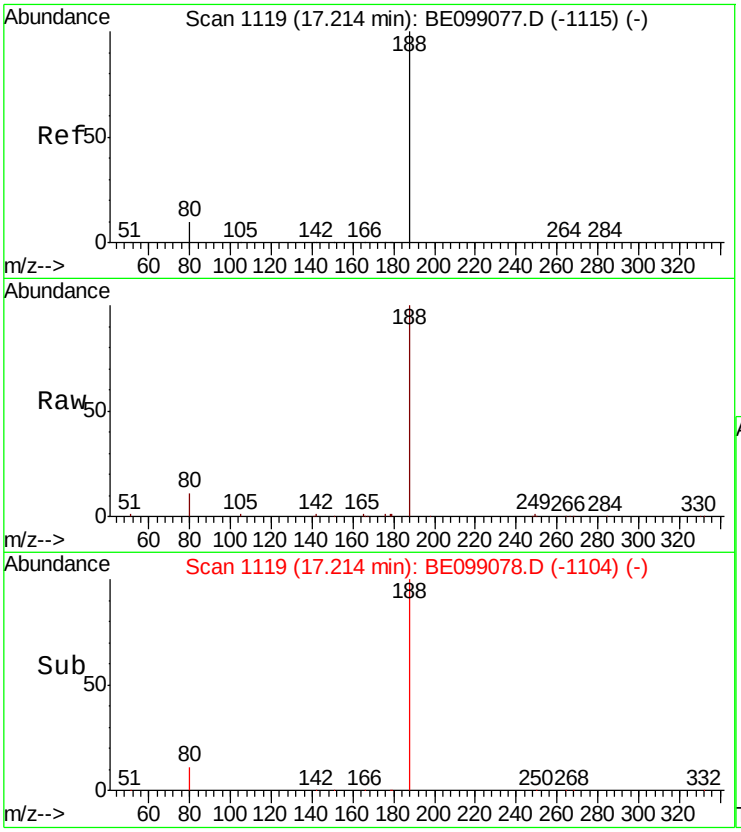


#18
Fluorene
Concen: 0.858 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:166 Resp: 31490

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.4	119.2
167	13.6	10.8	16.2



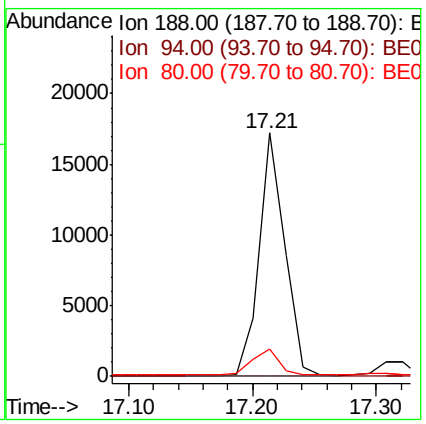


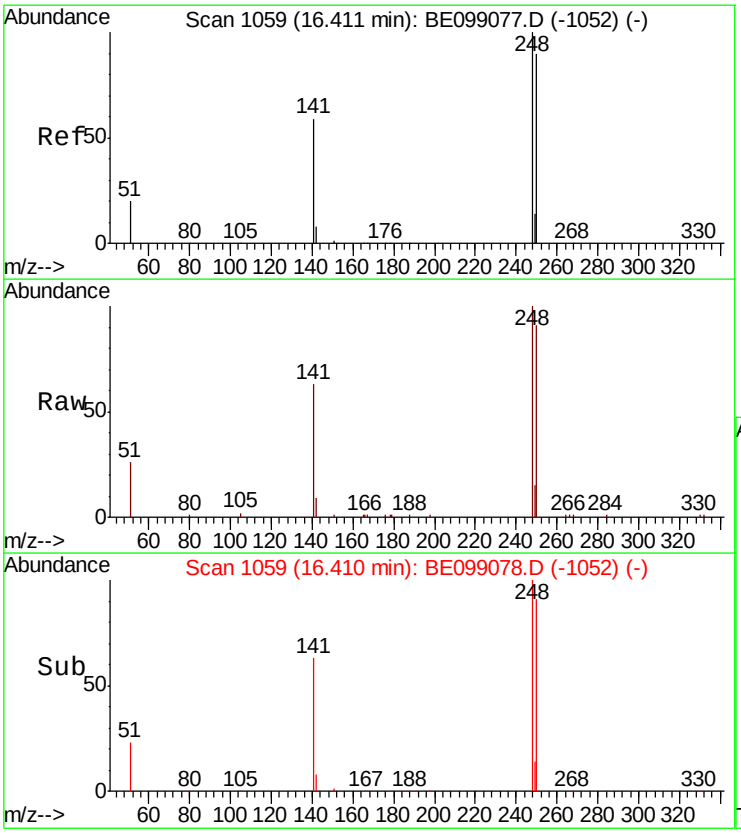
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24447

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.1	12.1

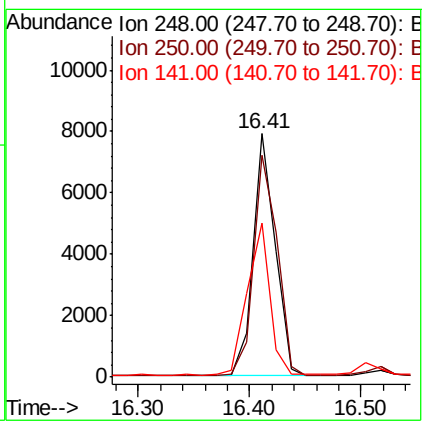


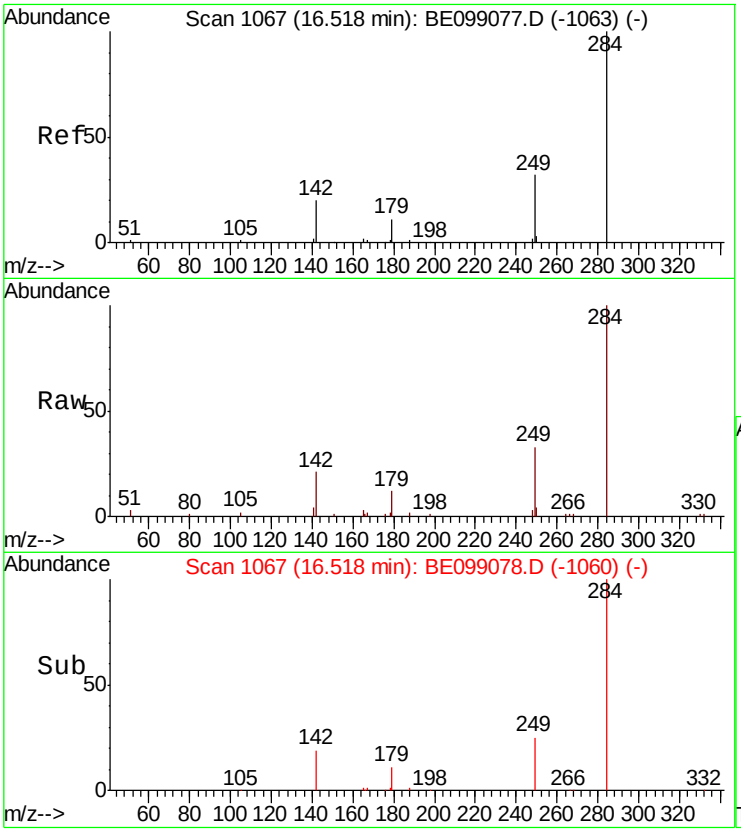


#20
4-Bromophenyl-phenylether
Concen: 0.825 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:248 Resp: 10932

Ion	Ratio	Lower	Upper
248	100		
250	91.0	72.0	108.0
141	63.0	47.8	71.8



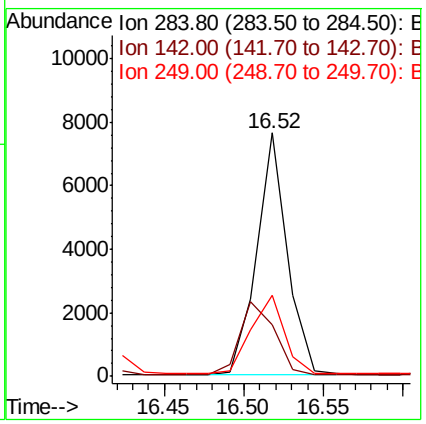


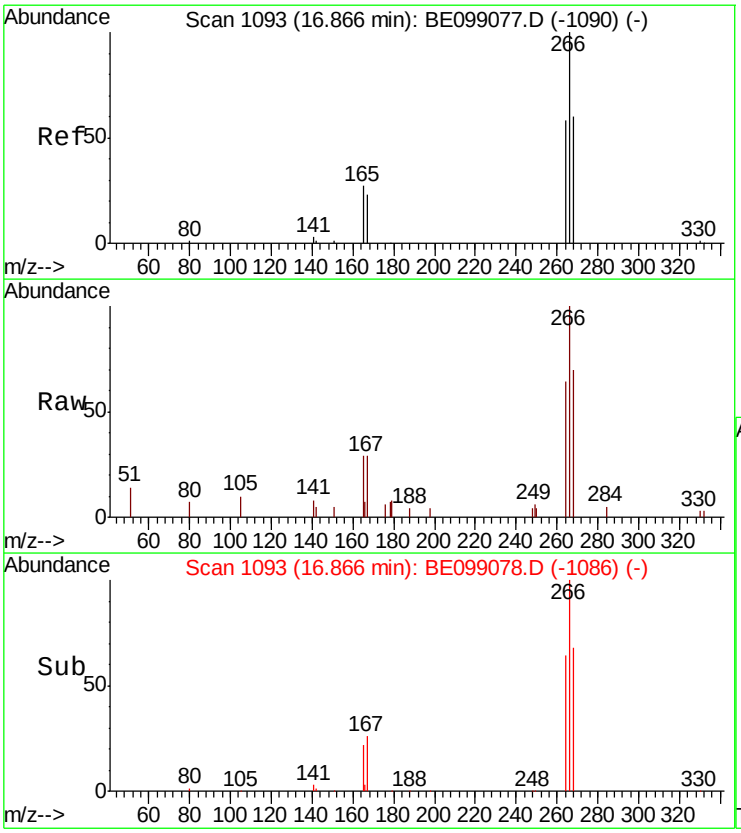
#21
Hexachlorobenzene
Concen: 0.647 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 10197

Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.5	42.7
249	35.2	28.2	42.4

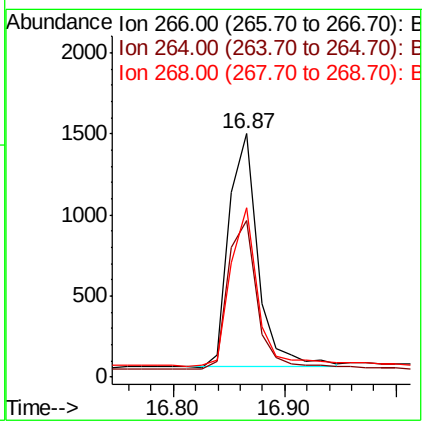


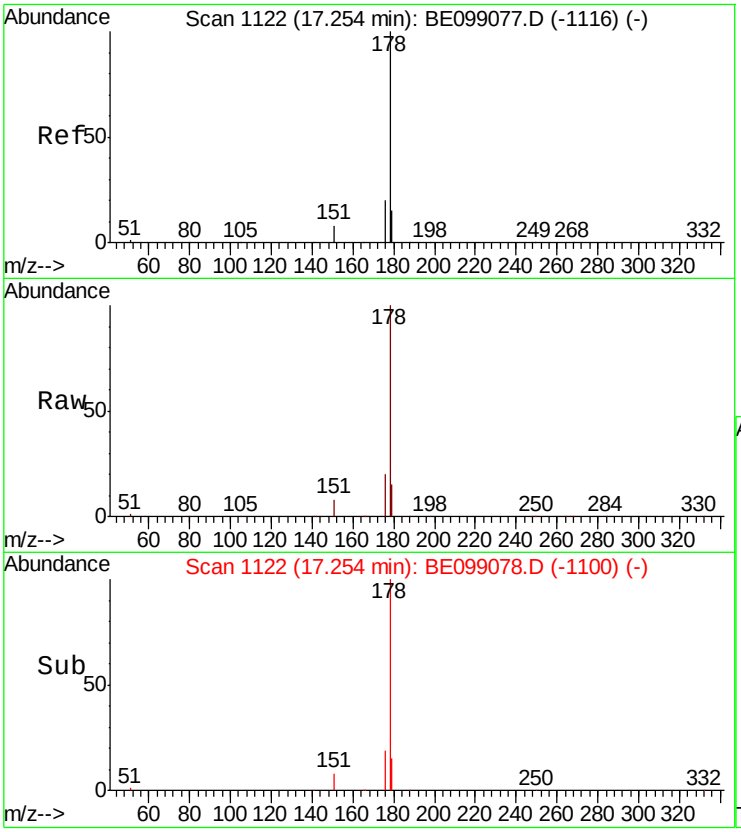


#22
Pentachlorophenol
Concen: 0.821 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:266 Resp: 2628

Ion	Ratio	Lower	Upper
266	100		
264	64.3	47.4	71.0
268	69.6	50.7	76.1



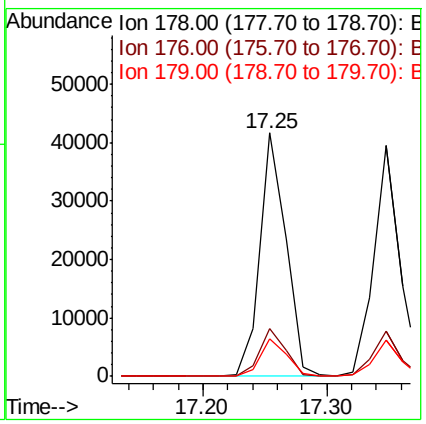


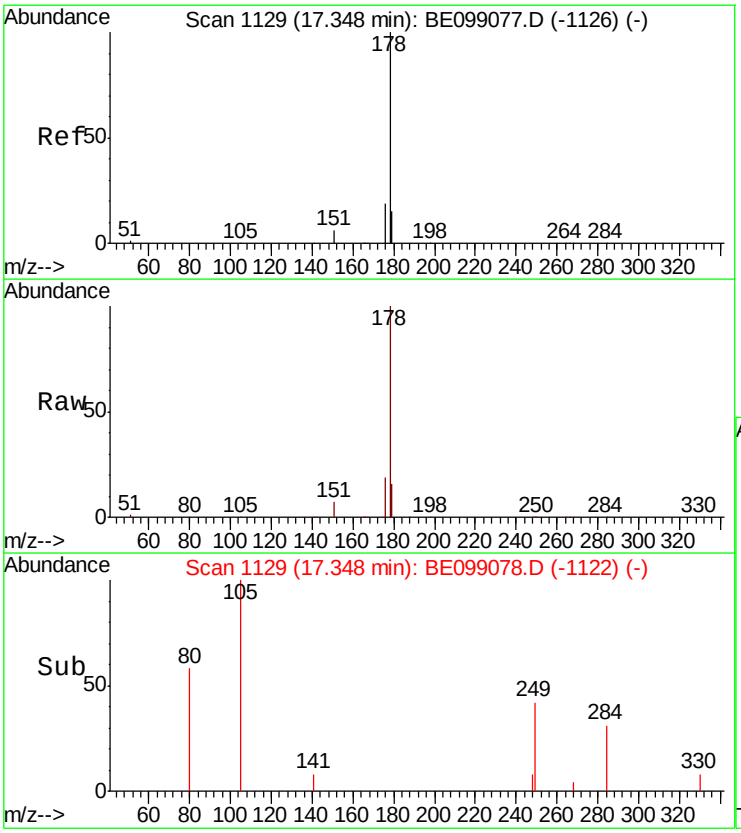
#23
Phenanthrene
Concen: 0.868 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 60327

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.2	12.1	18.1

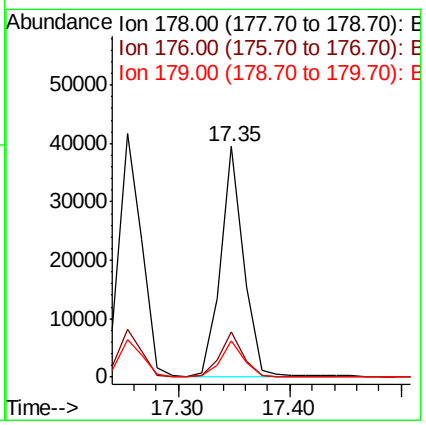


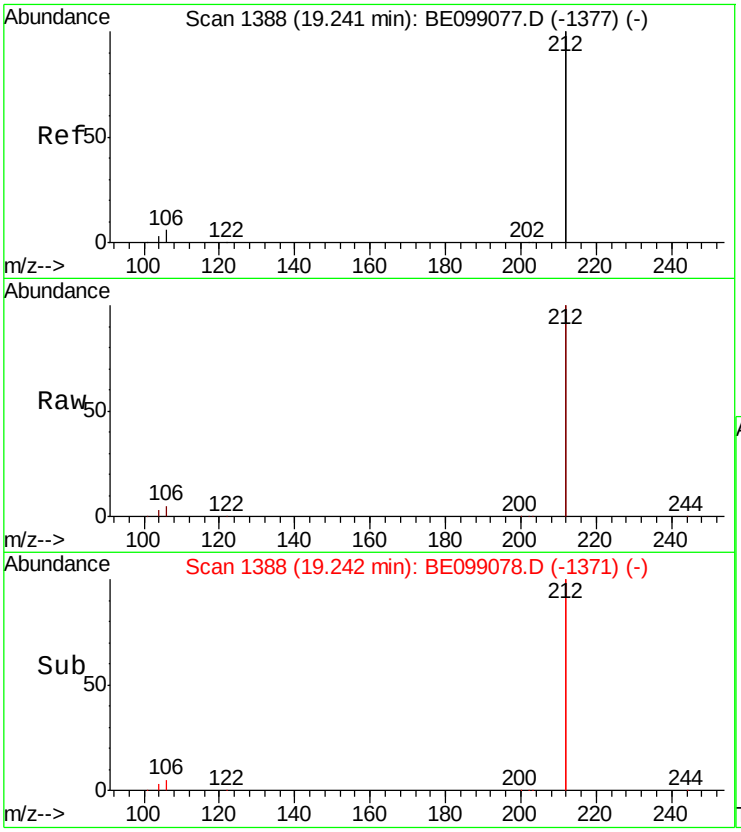


#24
Anthracene
Concen: 0.947 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:178 Resp: 56263

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.4	18.6



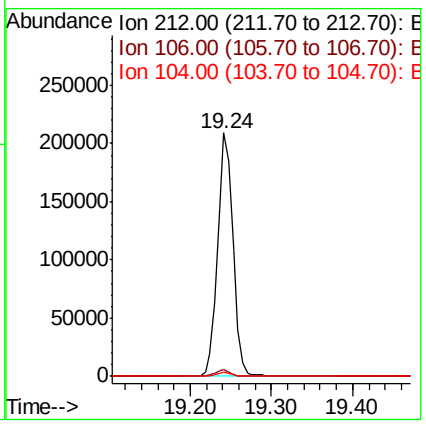


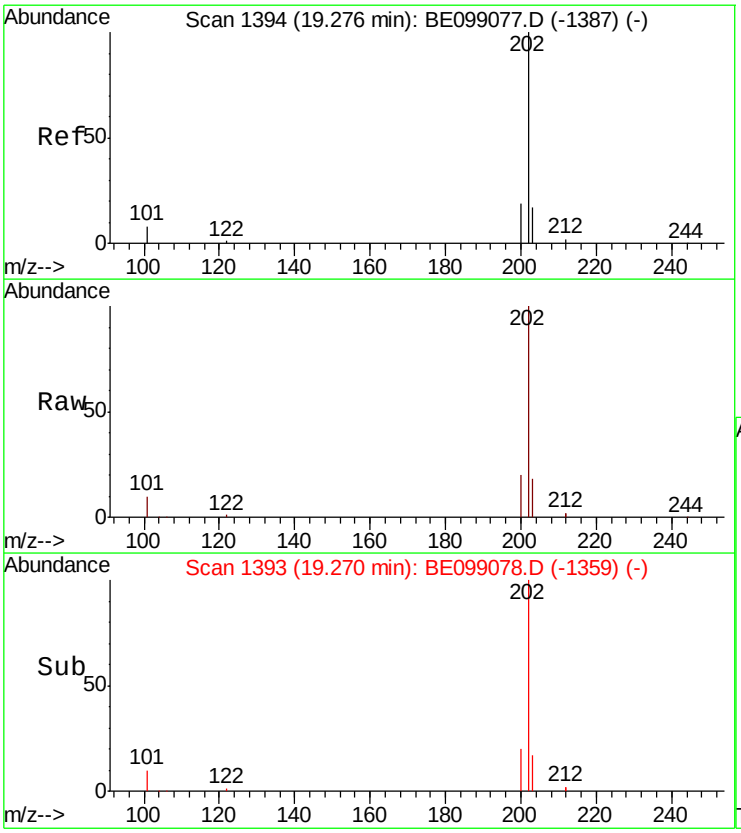
#25
Fluoranthene-d10
Concen: 0.700 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 273233

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.3	1.9

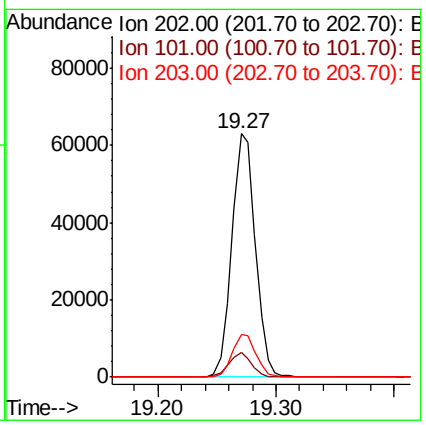


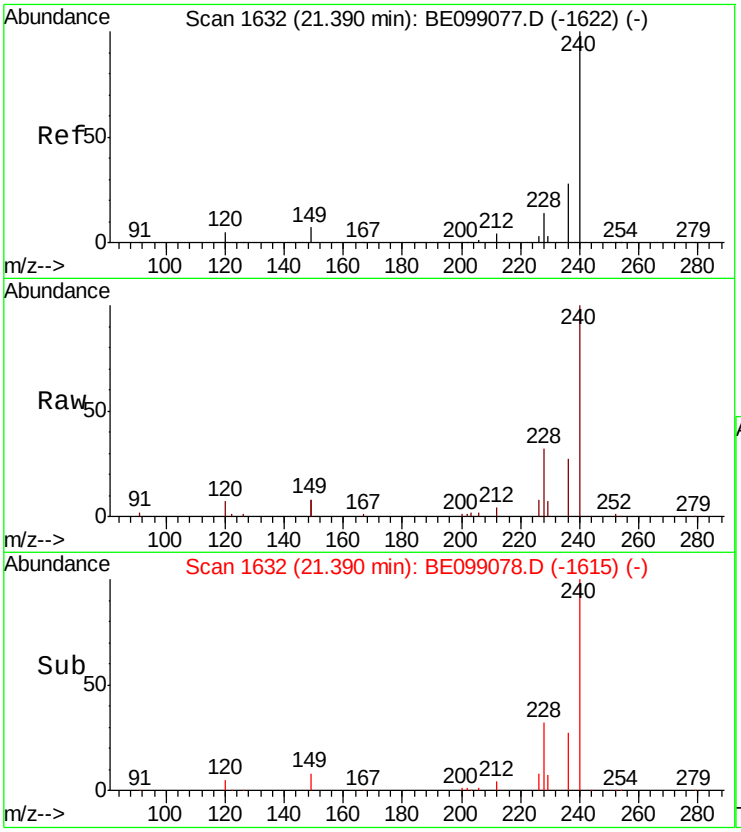


#26
Fluoranthene
Concen: 0.878 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:202 Resp: 86118

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.5	11.3
203	17.4	13.7	20.5



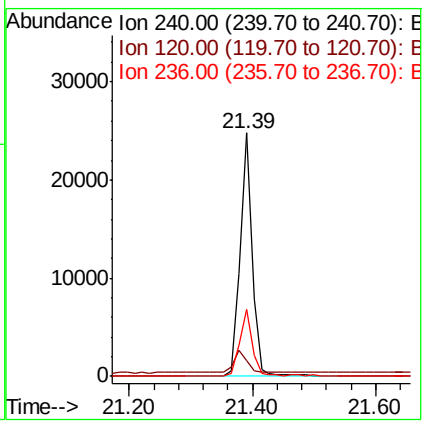


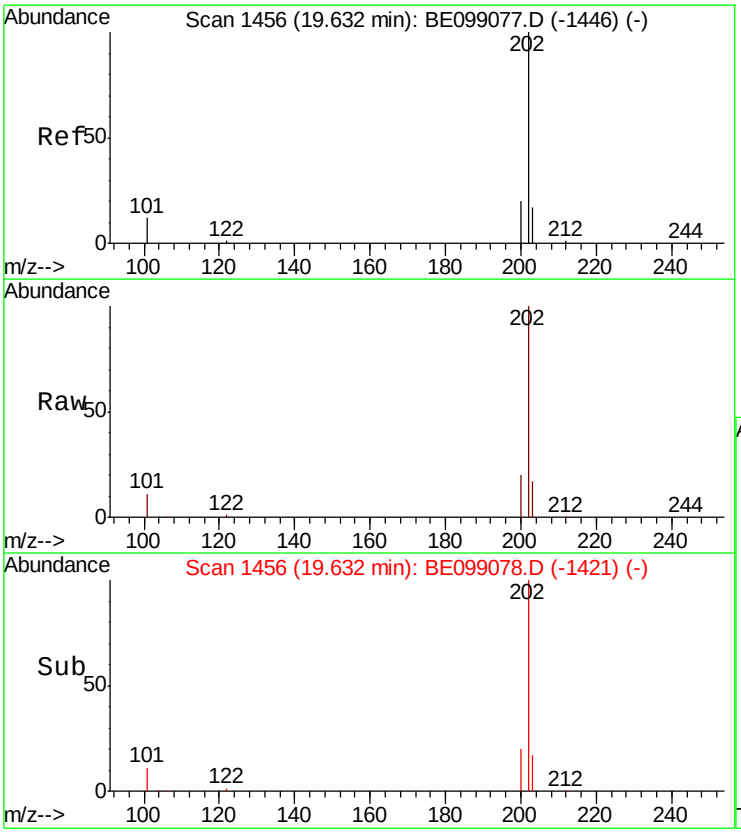
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 32607

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.6
236	27.4	22.2	33.4

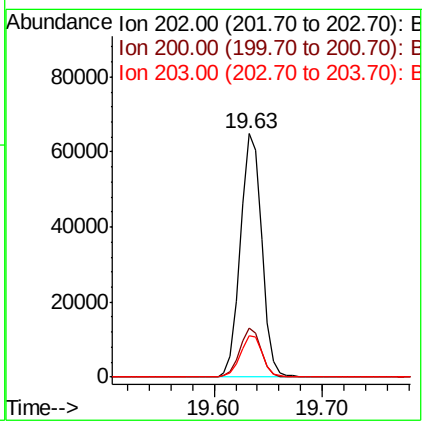


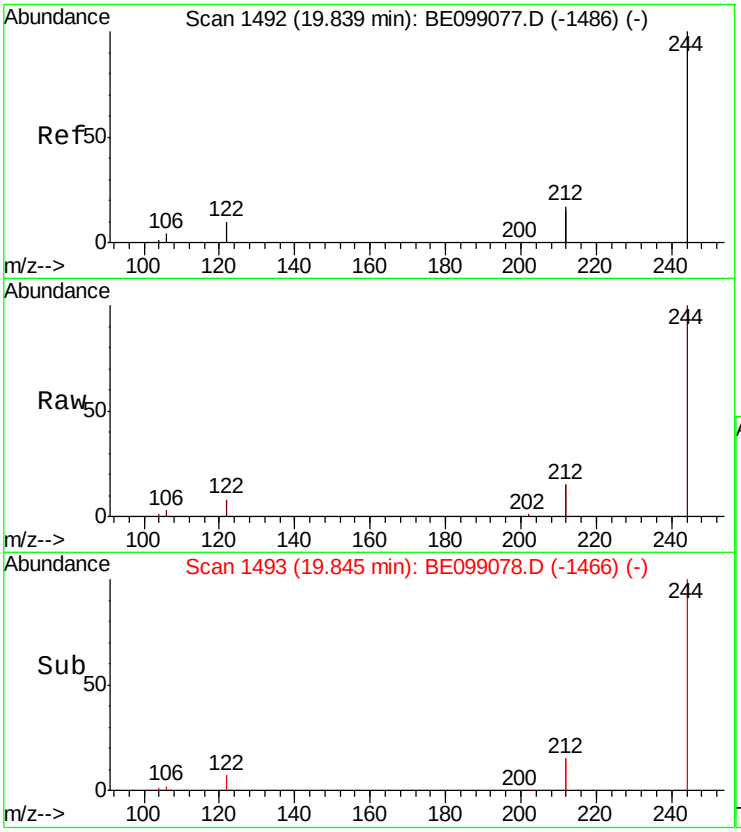


#28
Pyrene
Concen: 0.884 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:202 Resp: 88187

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.5	14.0	21.0



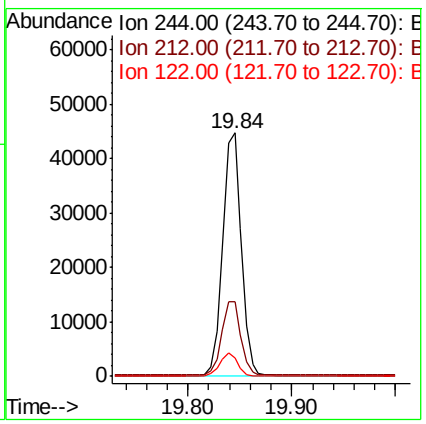


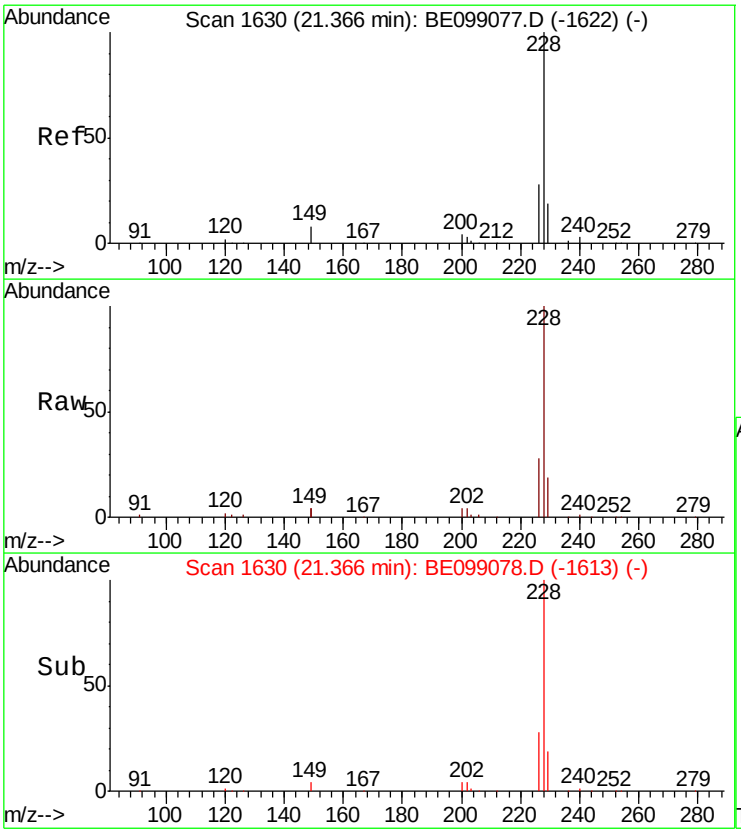
#29
Terphenyl-d14
Concen: 0.700 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 55484

Ion	Ratio	Lower	Upper
244	100		
212	30.4	26.9	40.3
122	7.5	7.8	11.8#

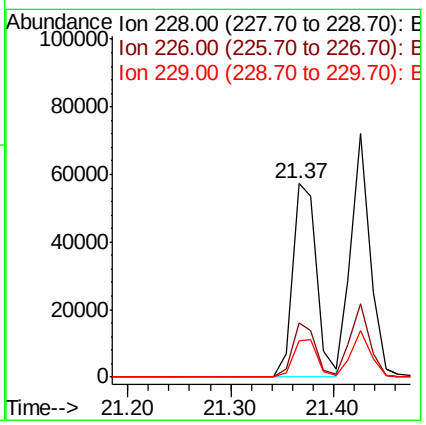


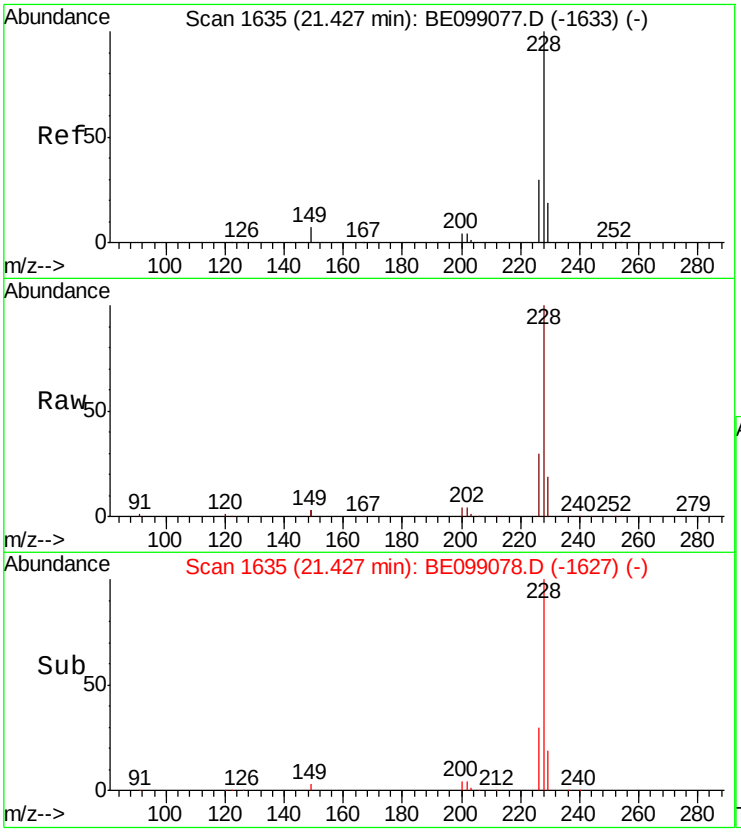


#30
Benzo(a)anthracene
Concen: 0.912 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:228 Resp: 92836

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	18.7	15.6	23.4



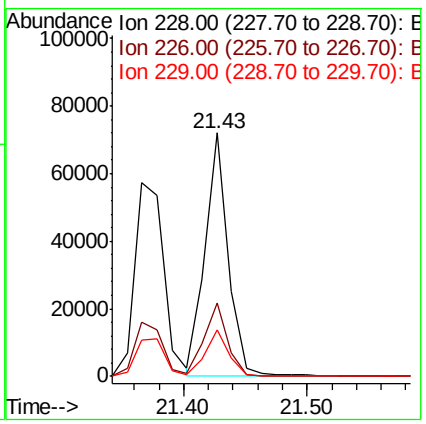


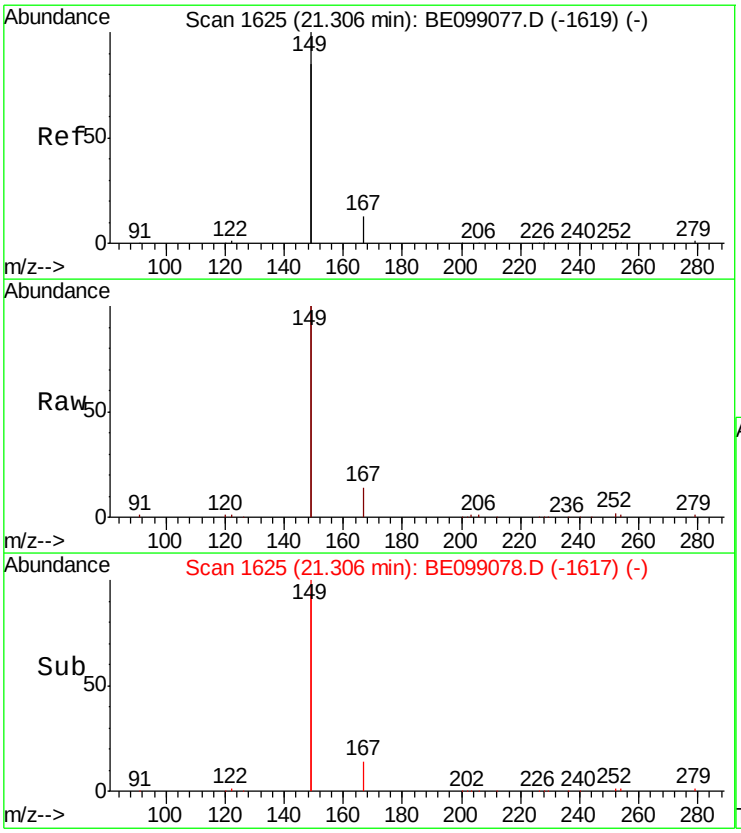
#31
Chrysene
Concen: 0.858 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 93412

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.2	15.5	23.3

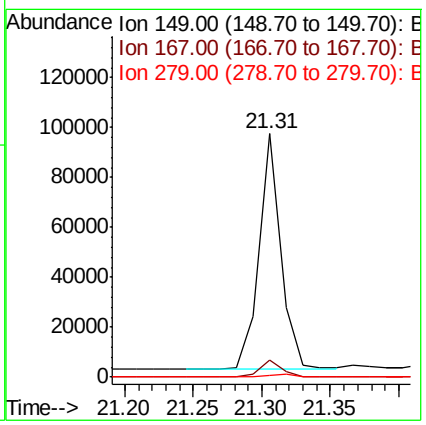


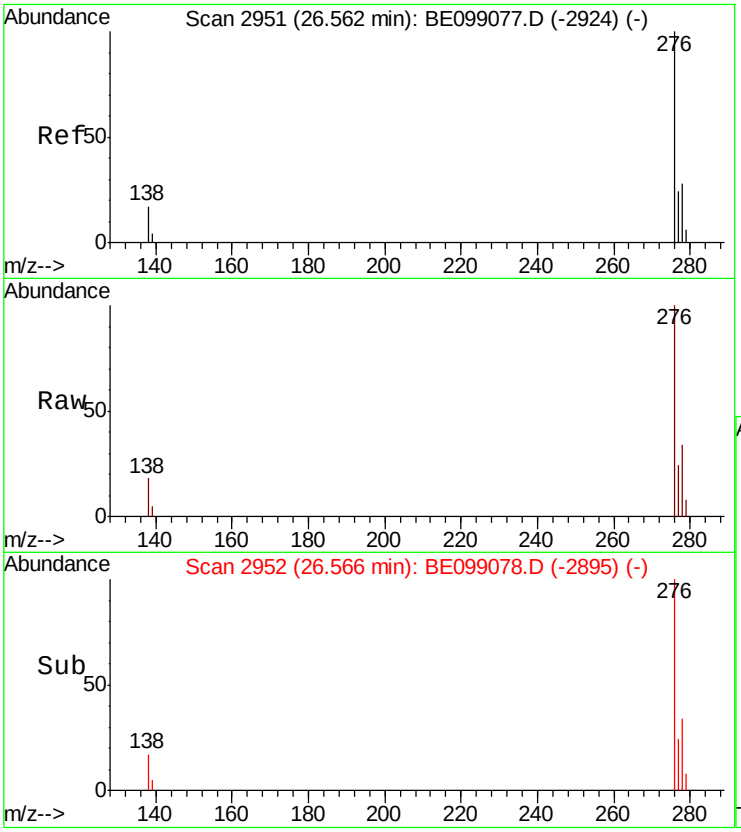


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.484 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:149 Resp: 104717

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.0	0.8	1.2



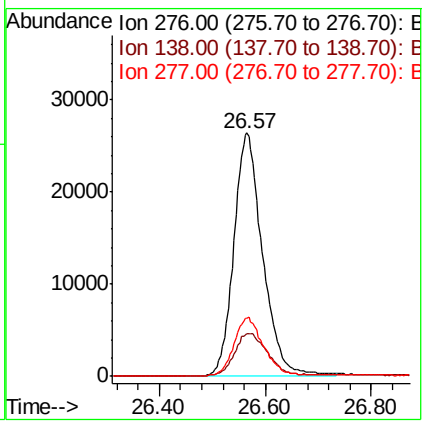


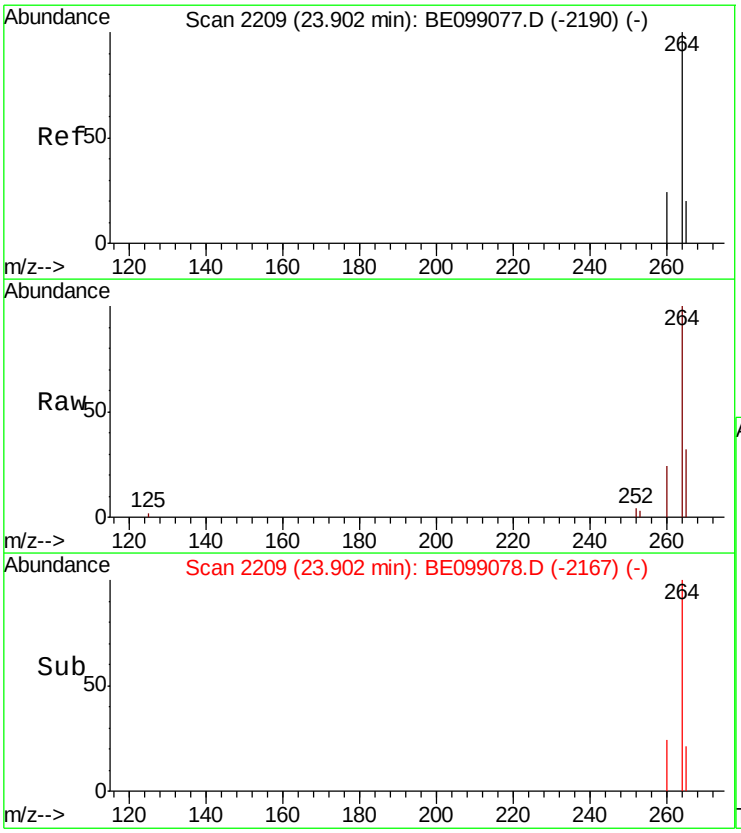
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.866 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 99558

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.8	23.8
277	24.5	19.4	29.2

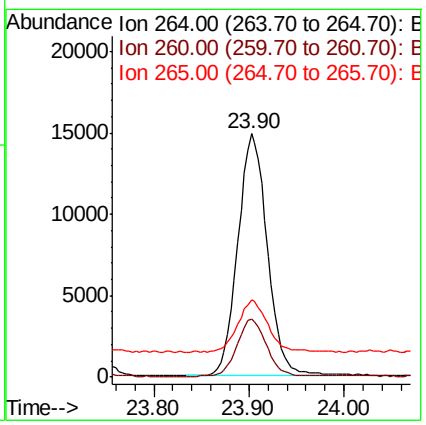


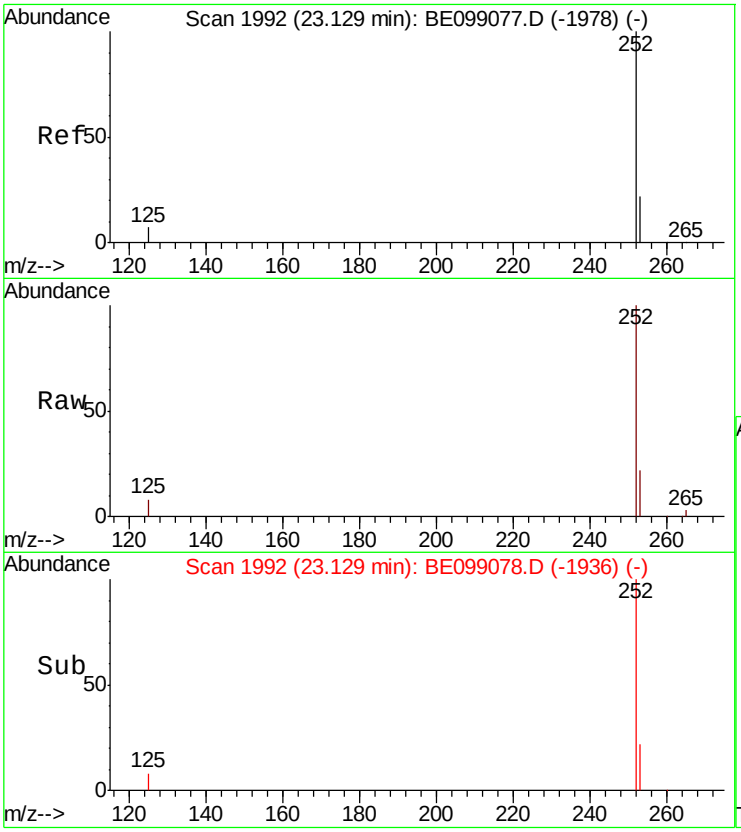


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:264 Resp: 32127

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	31.5	24.1	36.1



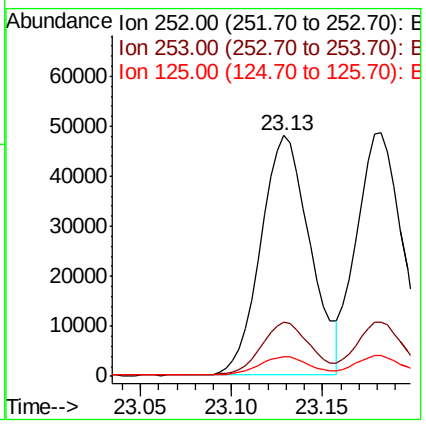


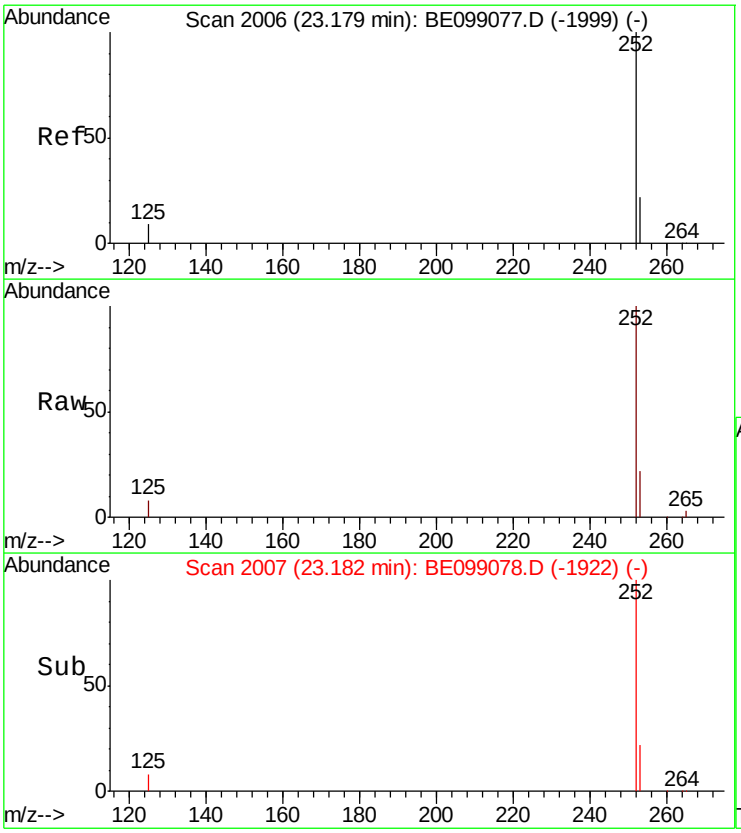
#35
Benzo(b)fluoranthene
Concen: 0.855 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 90351

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	8.1	7.0	10.4

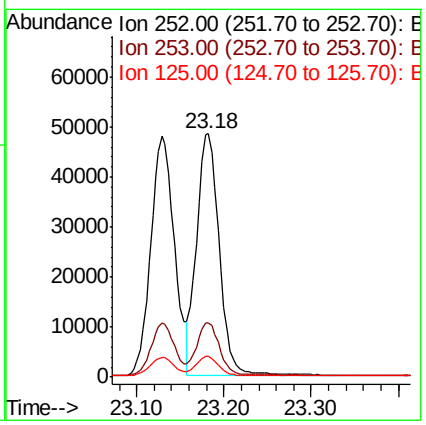


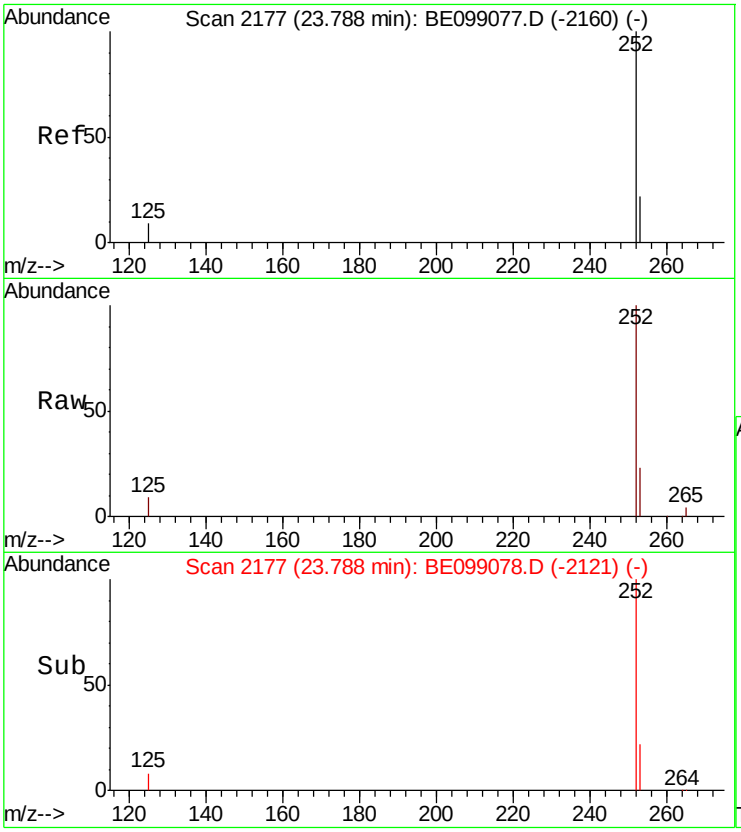


#36
Benzo(k)fluoranthene
Concen: 0.790 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:252 Resp: 87385

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	8.5	7.8	11.6



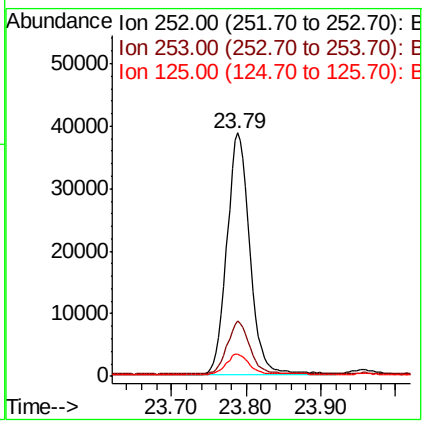


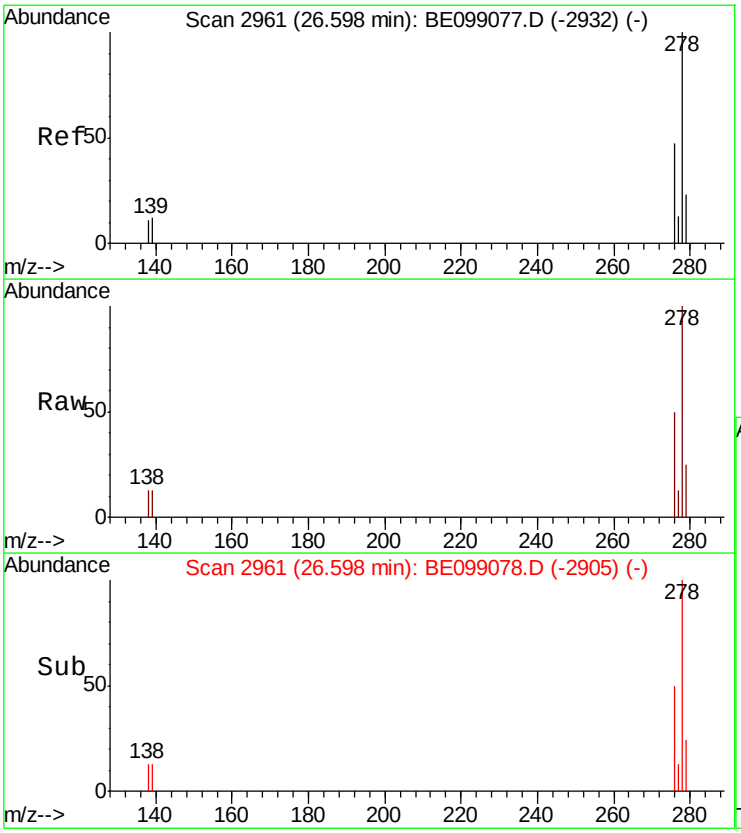
#37
Benzo(a)pyrene
Concen: 0.820 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 83009

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.3	28.9
125	9.0	8.3	12.5

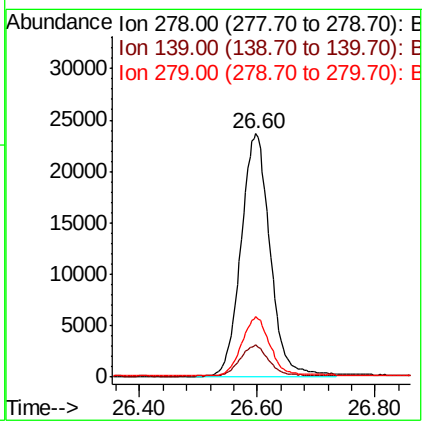


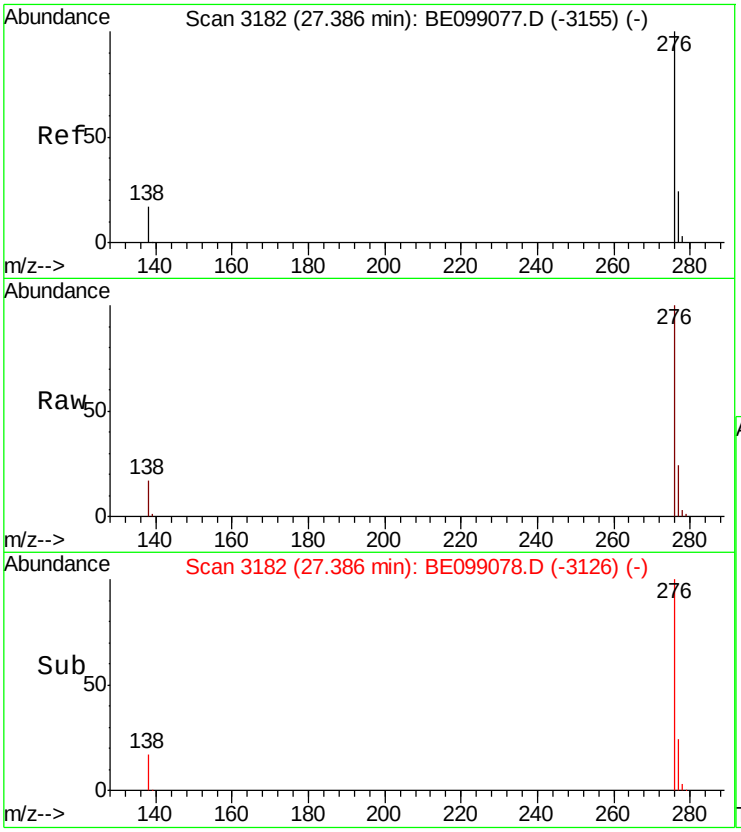


#38
Dibenzo(a,h)anthracene
Concen: 0.847 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Tgt Ion:278 Resp: 81155

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.6	16.0
279	24.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.830 ng
RT: 27.39 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BE099078.D
Acq: 22 Mar 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 83177

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	17.4	14.6	21.8