Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041919\
Data File : BE099347.D
Acq On : 19 Apr 2019 13:54
Operator : JU/SJ
Sample : PB119051BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119051BS

Quant Time: Apr 19 22:57:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4364	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	15029	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	8700	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	23118	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29647	0.40	ng		0.00
34) Perylene-d12	23.86	264	33642	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	2363	0.22	ng		0.01
5) Phenol-d6	6.97	99	3042	0.20	ng		0.00
8) Nitrobenzene-d5	8.98	82	2453	0.21	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	7615	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	583	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	7713	0.23	ng		0.00
25) Fluoranthene-d10	19.22	212	57995	0.21	ng		0.00
29) Terphenyl-d14	19.82	244	10426	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1227	0.201	ng	#	84
3) n-Nitrosodimethylamine	3.67	42	685	0.208	ng	#	91
6) bis(2-Chloroethyl)ether	7.24	93	2965	0.209	ng		95
9) Naphthalene	10.65	128	35966	0.219	ng		100
10) Hexachlorobutadiene	10.94	225	2251	0.216	ng		97
12) 2-Methylnaphthalene	12.28	142	5897	0.211	ng		96
16) Acenaphthylene	14.18	152	8399	0.214	ng		99
17) Acenaphthene	14.53	154	5383	0.222	ng		98
18) Fluorene	15.49	166	7260	0.209	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	2897	0.226	ng	#	90
21) Hexachlorobenzene	16.49	284	2855	0.232	ng		97
22) Pentachlorophenol	16.84	266	1724	0.567	ng		96
23) Phenanthrene	17.23	178	14402	0.235	ng		99
24) Anthracene	17.32	178	12401	0.228	ng		100
26) Fluoranthene	19.25	202	19483	0.238	ng		98
28) Pyrene	19.61	202	20304	0.232	ng		100
30) Benzo(a)anthracene	21.34	228	25006	0.287	ng		99
31) Chrysene	21.40	228	25228	0.272	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	20367	0.257	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	28815	0.315	ng		99
35) Benzo(b)fluoranthene	23.09	252	25597	0.249	ng		96
36) Benzo(k)fluoranthene	23.14	252	25637	0.250	ng		99
37) Benzo(a)pyrene	23.75	252	23966	0.260	ng		97
38) Dibenzo(a,h)anthracene	26.52	278	24123	0.256	ng		98
39) Benzo(g,h,i)perylene	27.31	276	25013	0.262	ng		97

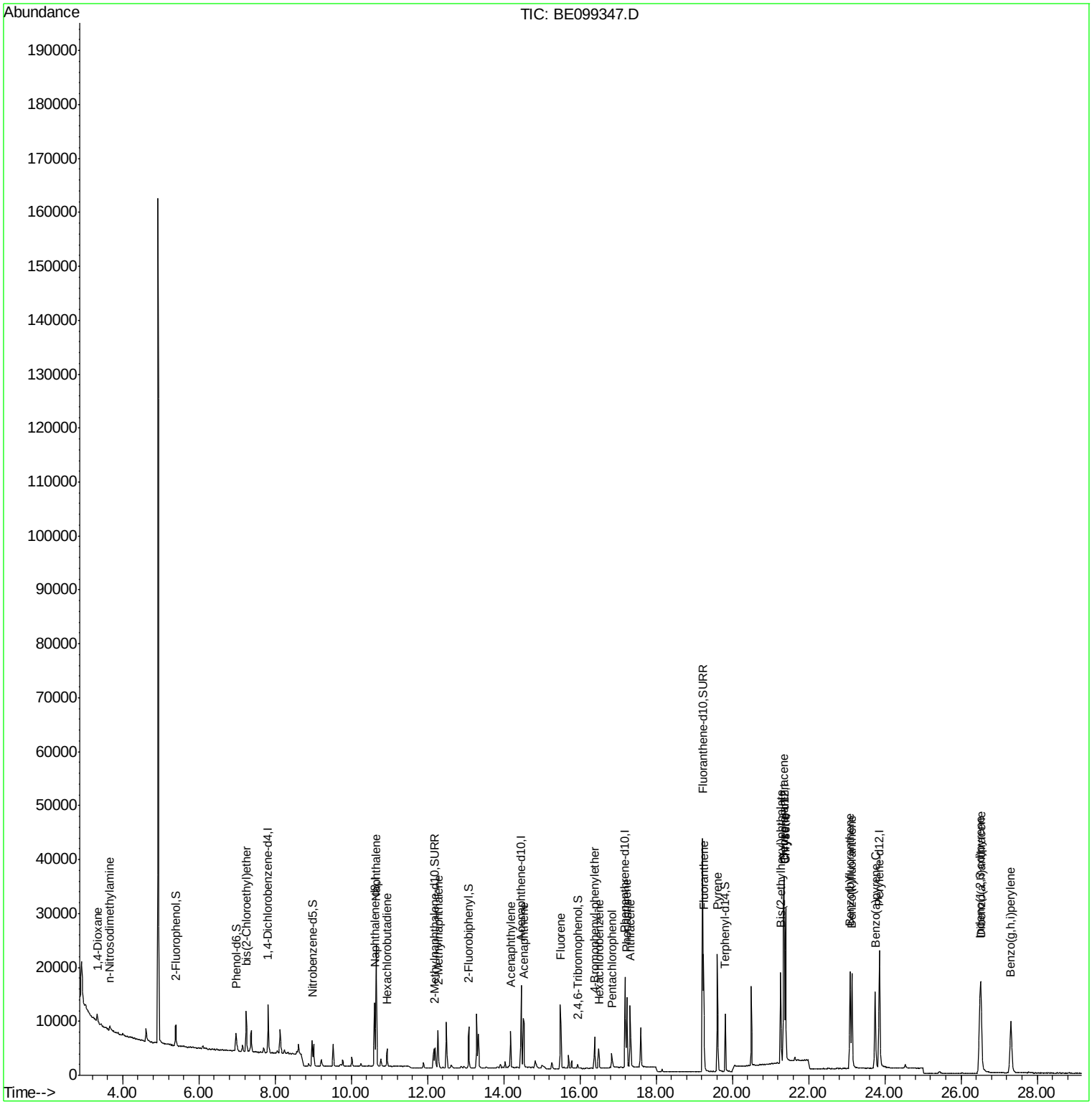
(#) = qualifier out of range (m) = manual integration (+) = signals summed

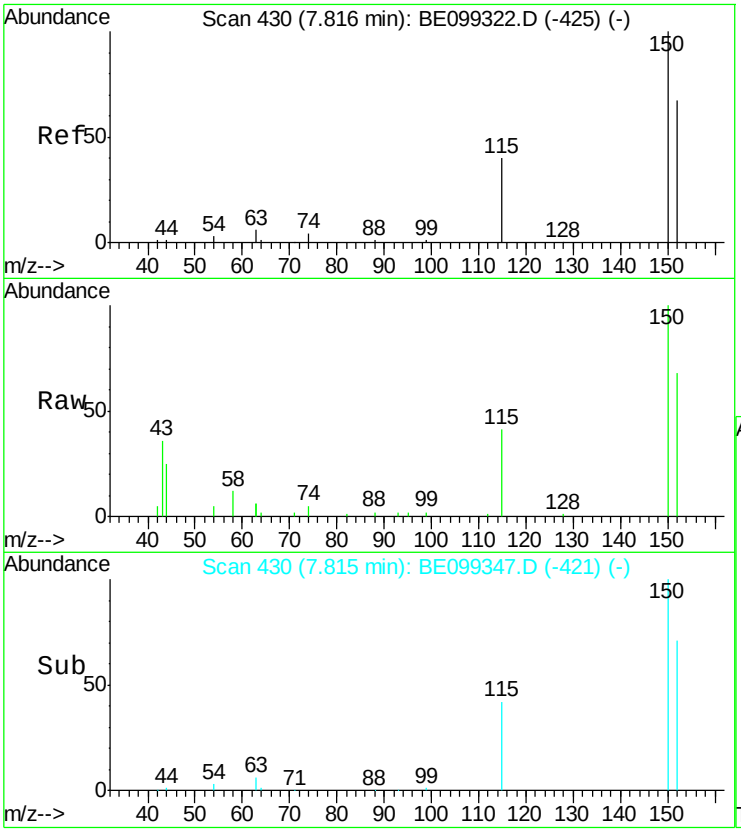
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041919\
Data File : BE099347.D
Acq On : 19 Apr 2019 13:54
Operator : JU/SJ
Sample : PB119051BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Quant Time: Apr 19 22:57:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



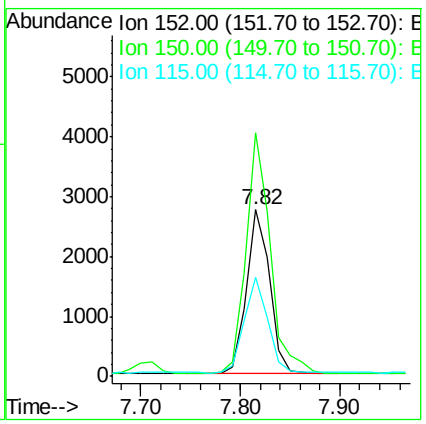


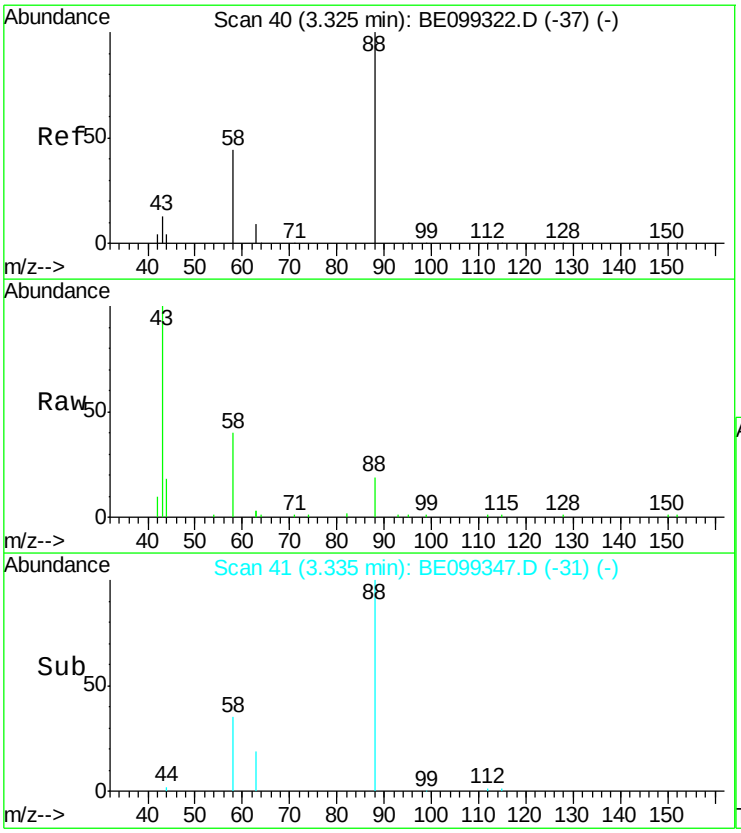
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:152 Resp: 4364

Ion	Ratio	Lower	Upper
152	100		
150	146.4	119.5	179.3
115	59.7	47.5	71.3

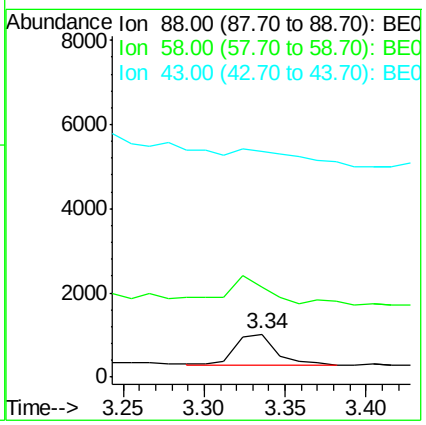


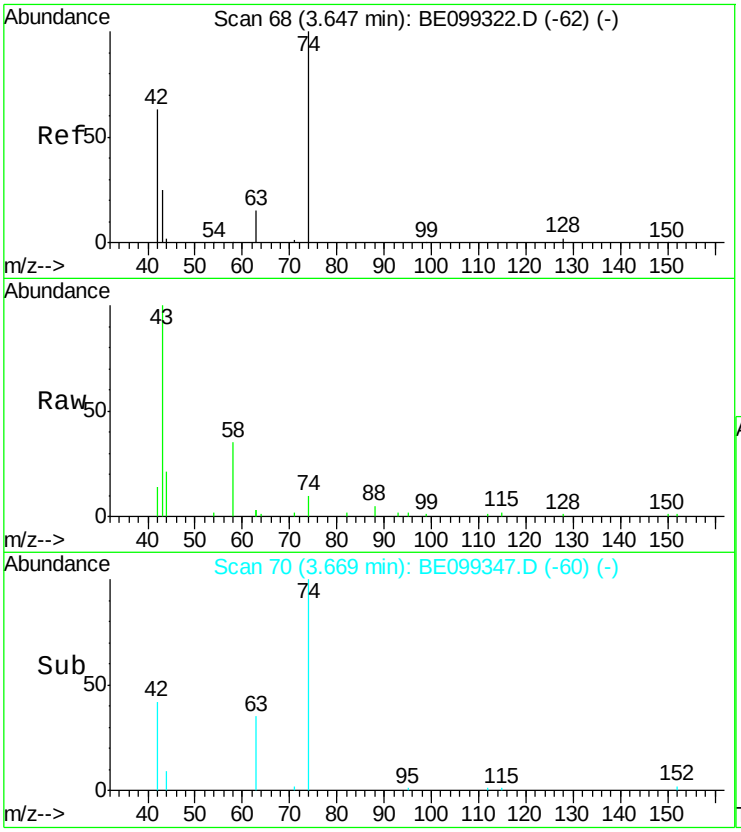


#2
1,4-Dioxane
Concen: 0.201 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion: 88 Resp: 1227

Ion	Ratio	Lower	Upper
88	100		
58	65.1	49.1	73.7
43	0.0	17.9	26.9#



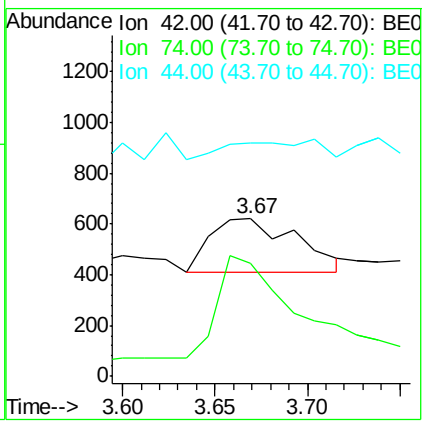


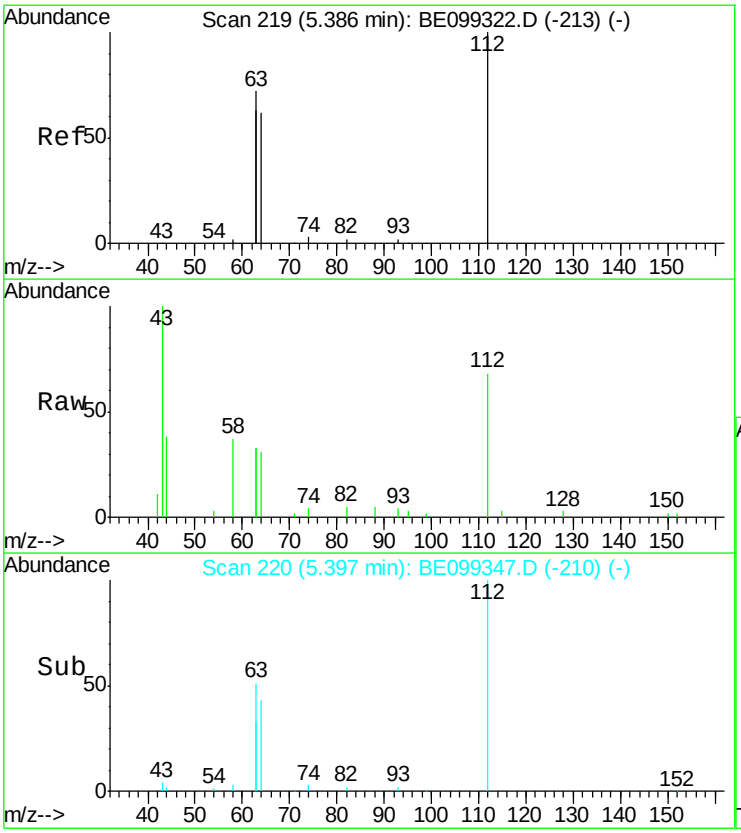
#3
n-Nitrosodimethylamine
Concen: 0.208 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion: 42 Resp: 685

Ion	Ratio	Lower	Upper
42	100		
74	171.2	145.8	218.8
44	0.0	9.0	13.4#

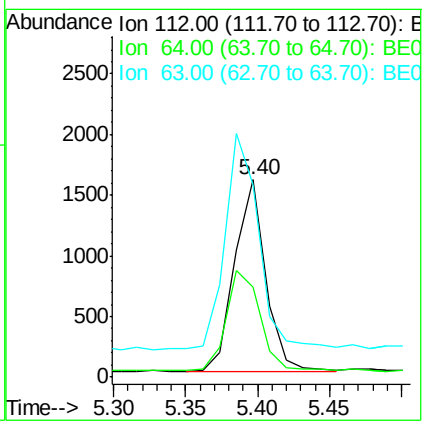


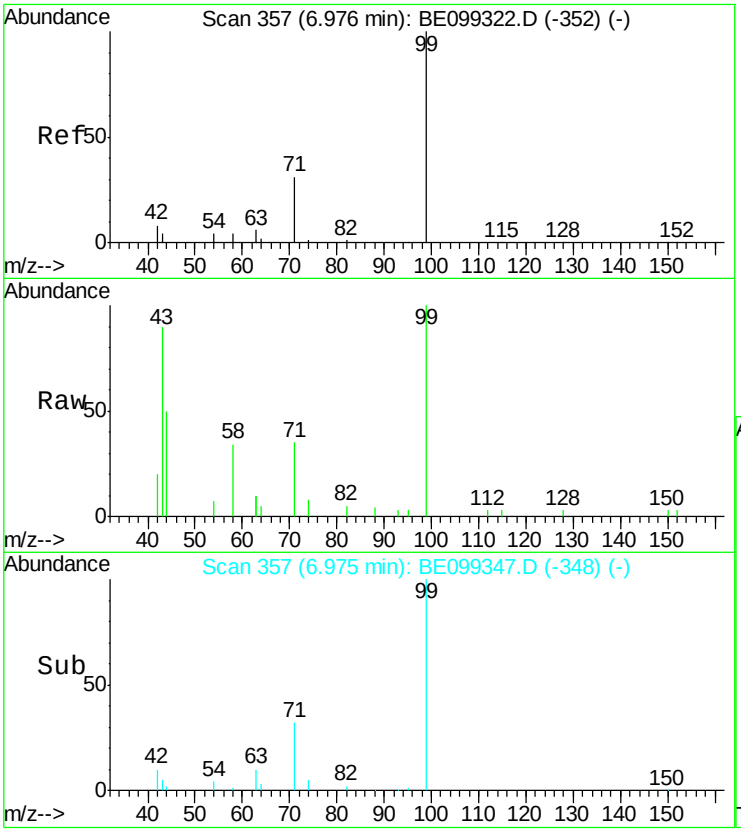


#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:112 Resp: 2363

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.9	67.3
63	123.0	97.4	146.0



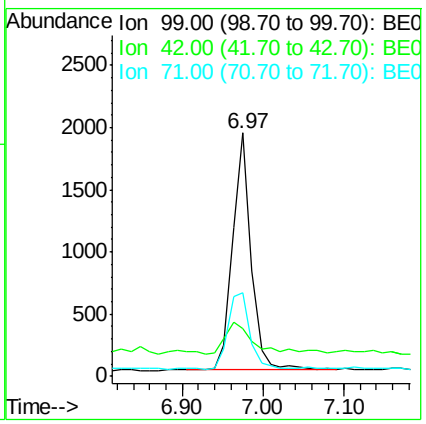


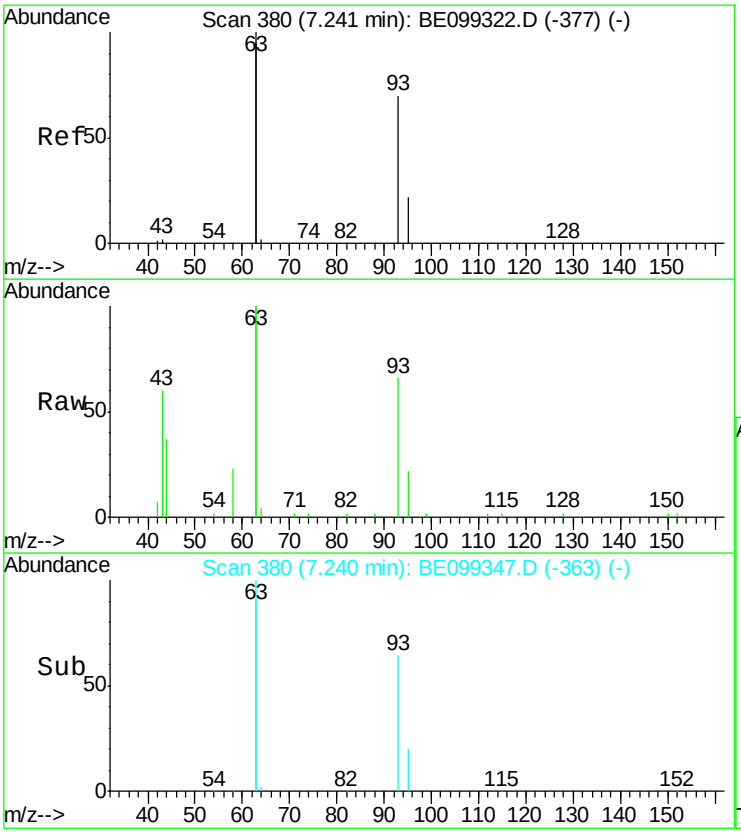
#5
Phenol-d6
Concen: 0.200 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion: 99 Resp: 3042

Ion	Ratio	Lower	Upper
99	100		
42	20.3	11.7	17.5#
71	37.9	29.6	44.4

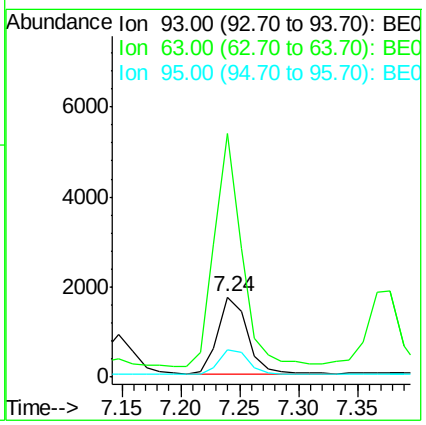


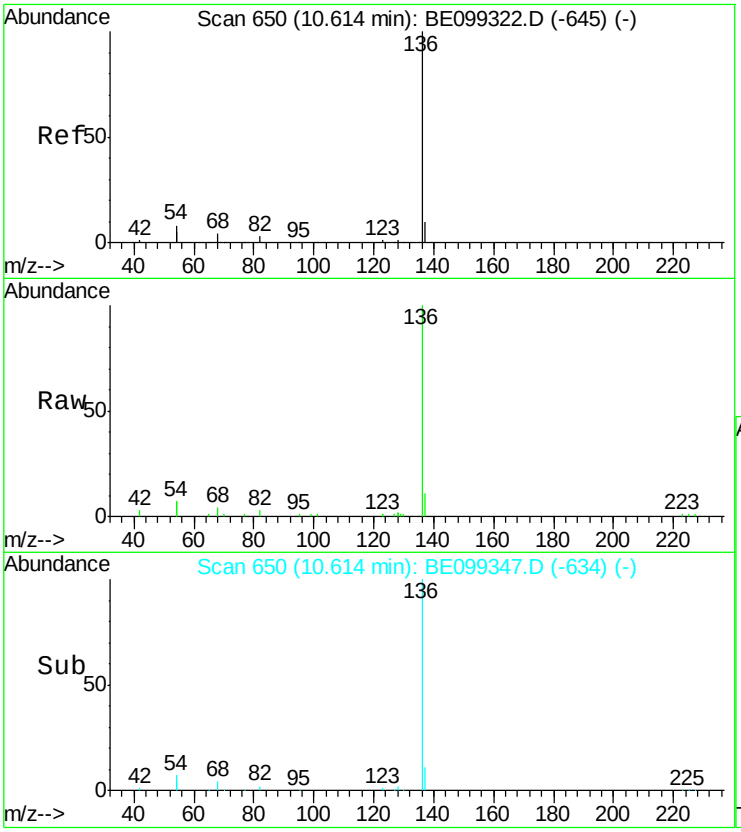


#6
bis(2-Chloroethyl)ether
Concen: 0.209 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion: 93 Resp: 2965

Ion	Ratio	Lower	Upper
93	100		
63	280.7	216.6	324.8
95	33.7	25.8	38.6



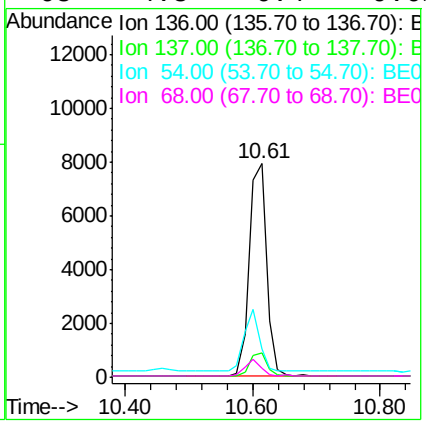


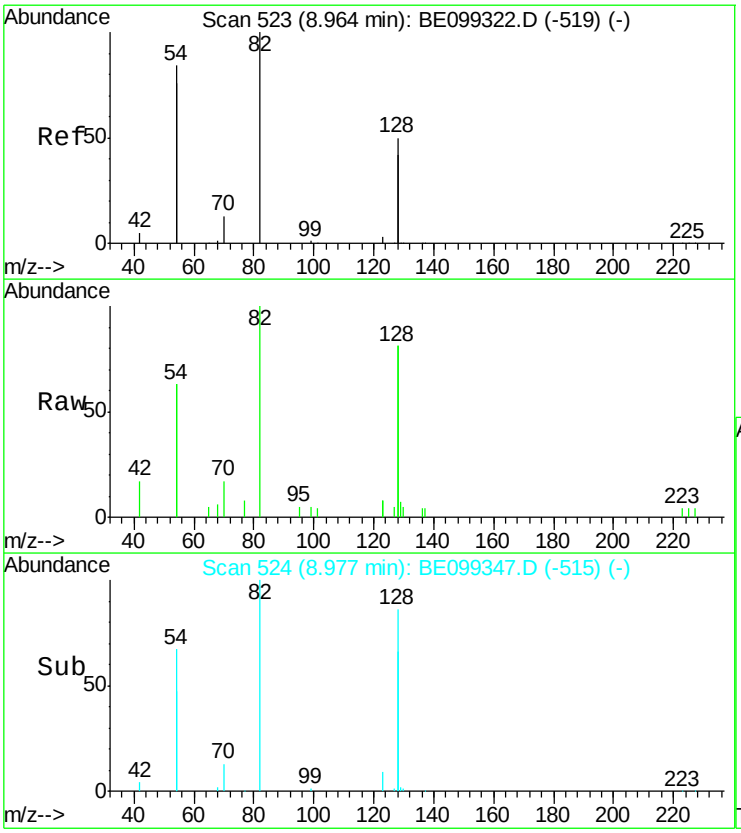
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:136 Resp: 15029

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	13.5	23.8	35.8#
68	4.3	6.4	9.6#

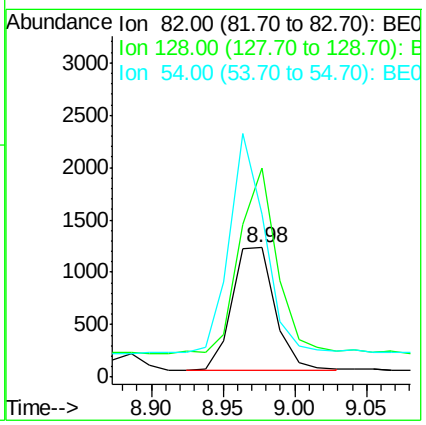


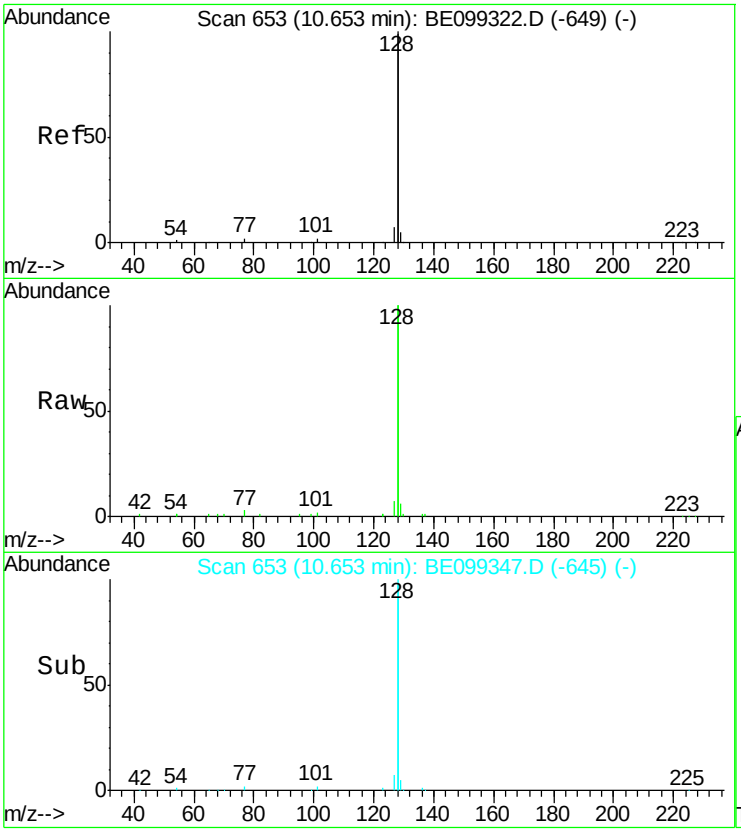


#8
Nitrobenzene-d5
Concen: 0.210 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion: 82 Resp: 2453

Ion	Ratio	Lower	Upper
82	100		
128	161.8	91.7	137.5#
54	125.7	122.8	184.2



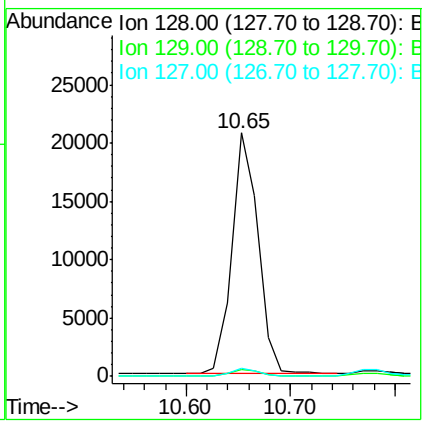


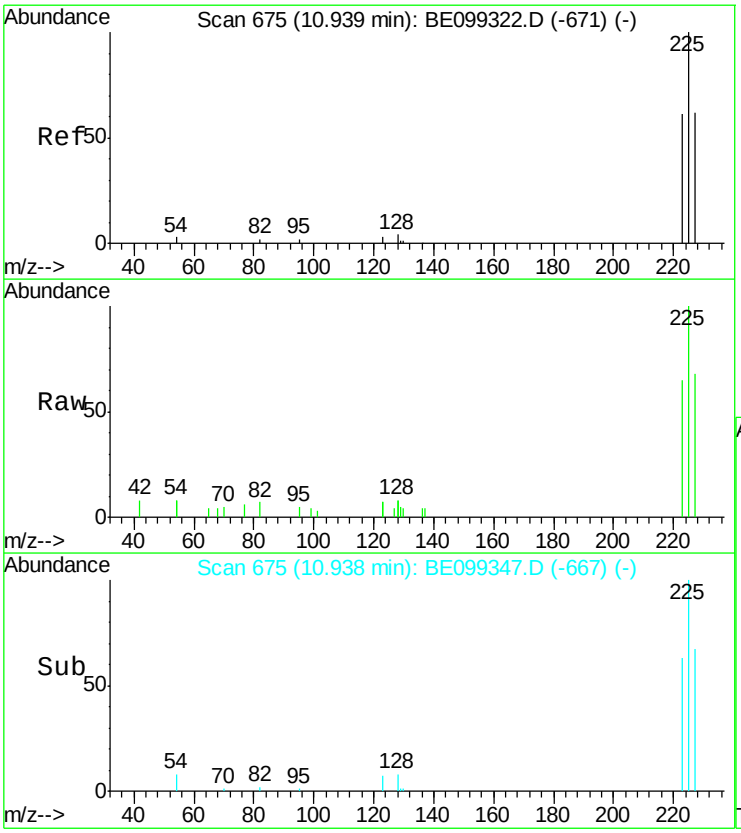
#9
Naphthalene
Concen: 0.219 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:128 Resp: 35966

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.6	2.8	4.2

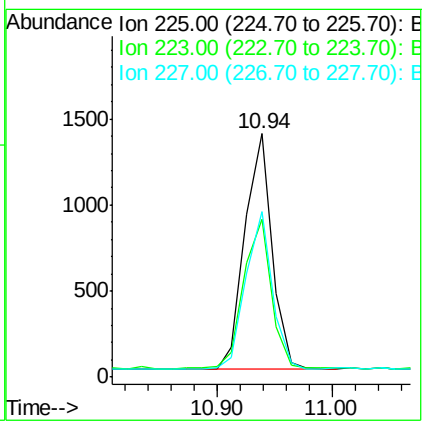


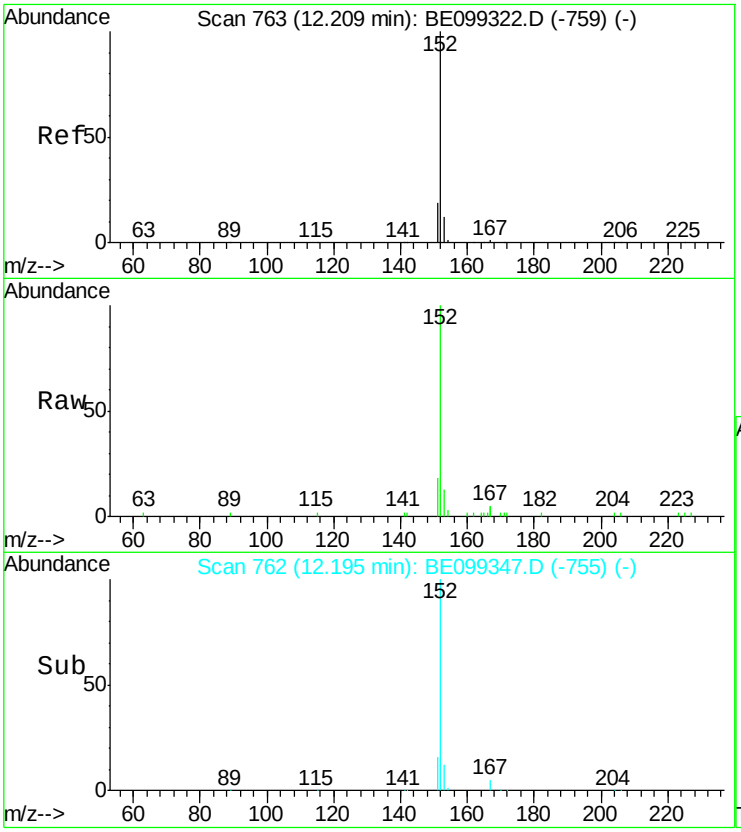


#10
Hexachlorobutadiene
Concen: 0.216 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:225 Resp: 2251

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.3	75.5
227	65.3	49.4	74.0



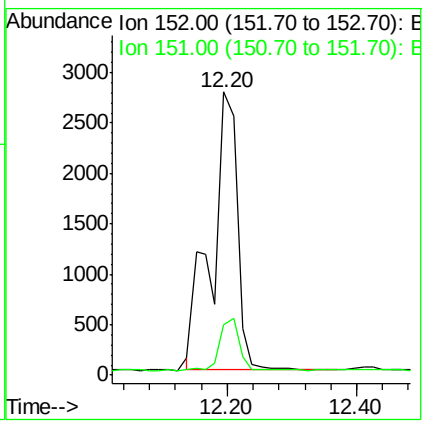


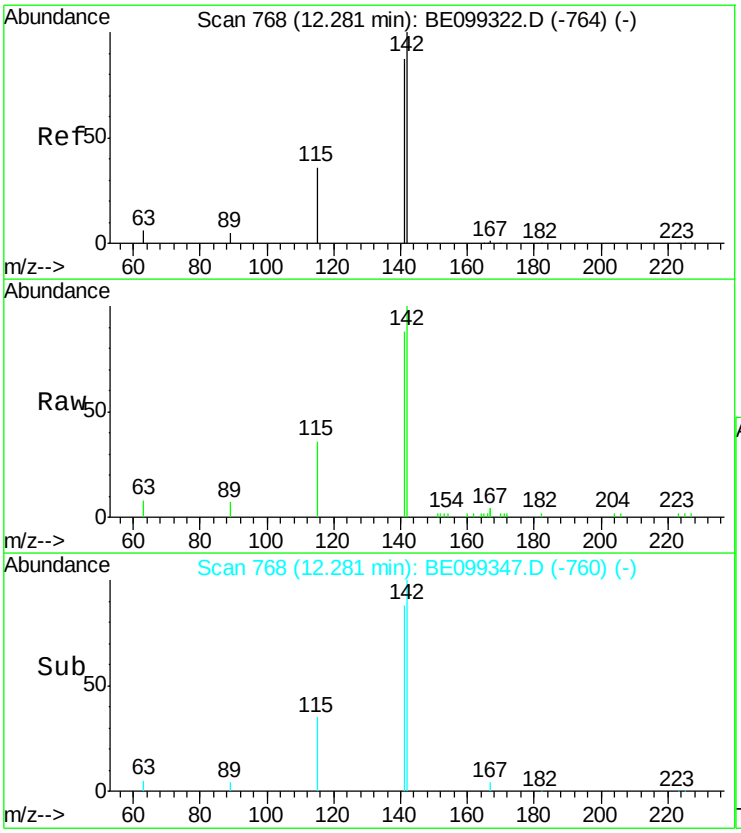
#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:152 Resp: 7615

Ion	Ratio	Lower	Upper
152	100		
151	13.5	14.9	22.3#

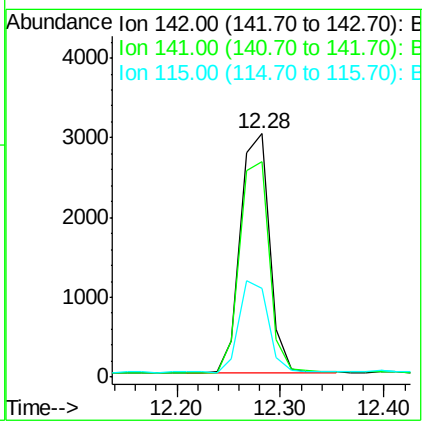


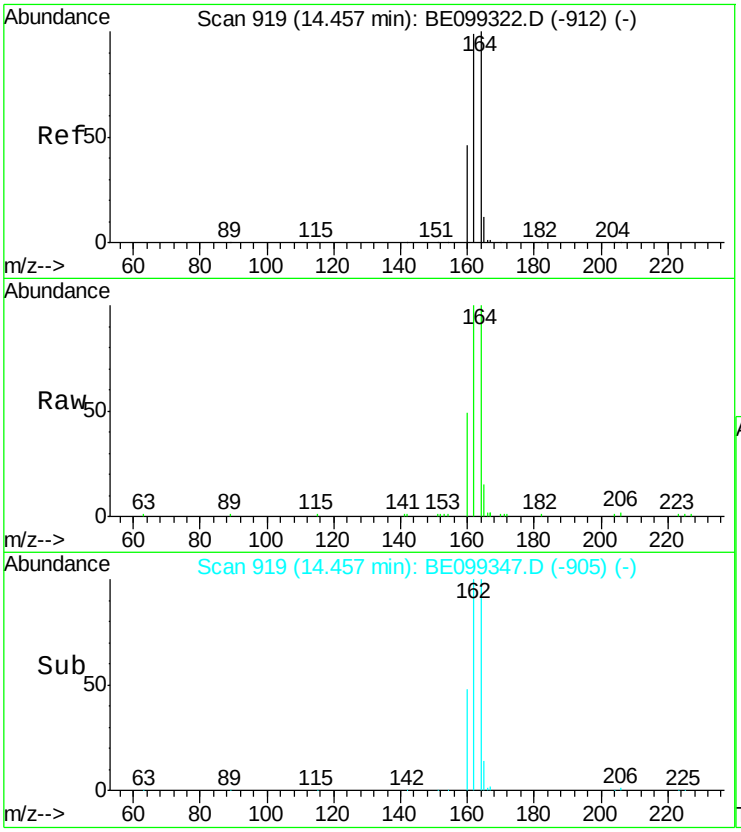


#12
2-Methylnaphthalene
Concen: 0.211 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:142 Resp: 5897

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.0	108.0
115	36.4	33.4	50.0



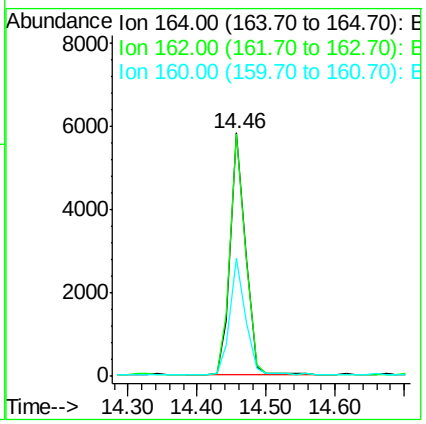


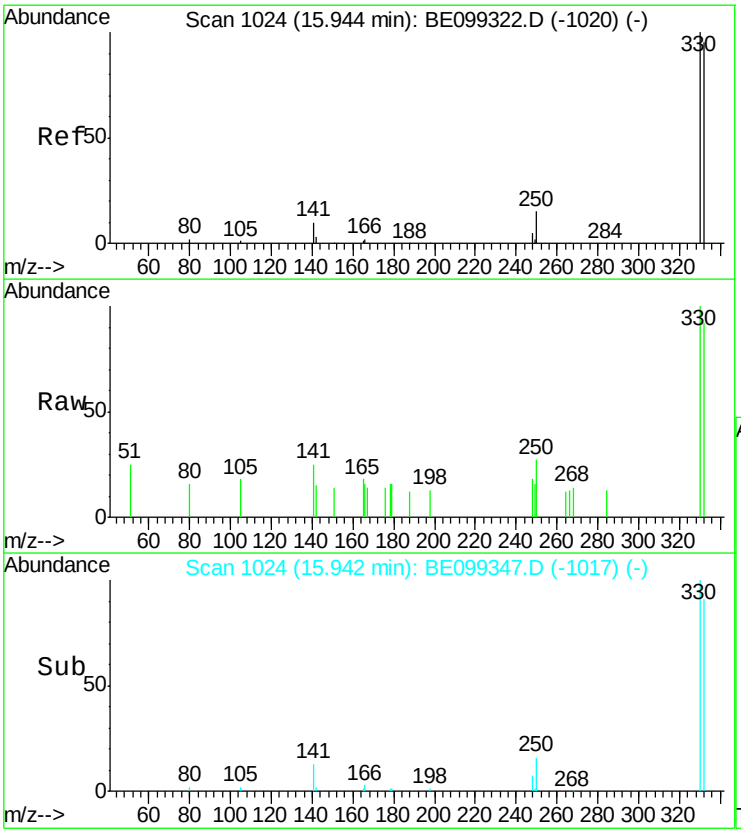
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:164 Resp: 8700

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.8	116.6
160	48.6	37.1	55.7

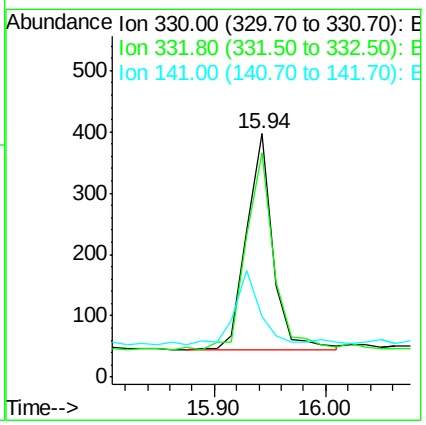


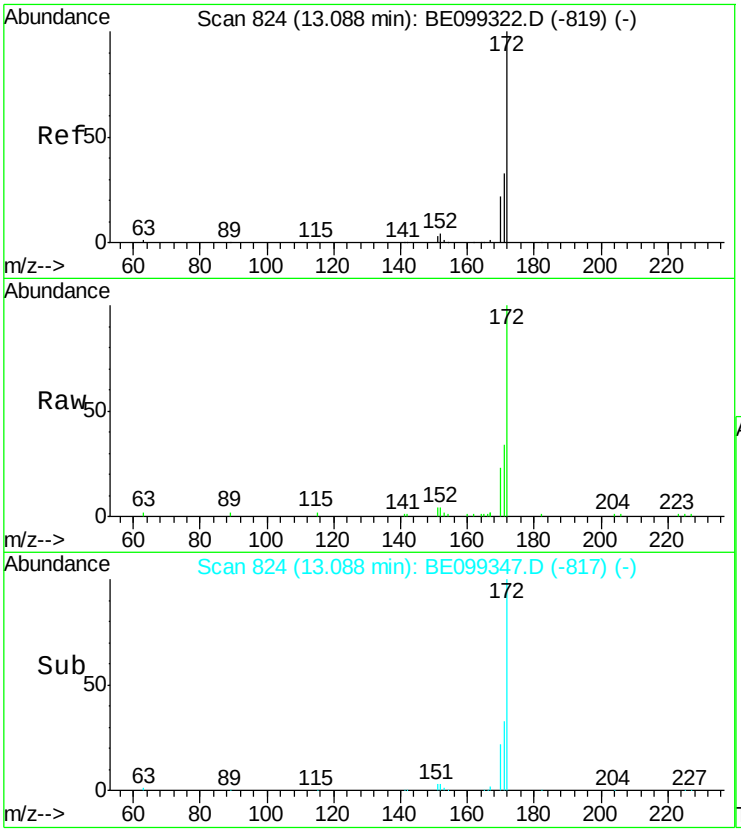


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:330 Resp: 583

Ion	Ratio	Lower	Upper
330	100		
332	96.2	82.5	123.7
141	32.9	24.9	37.3



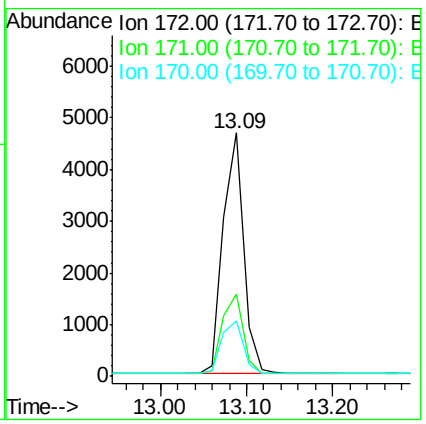


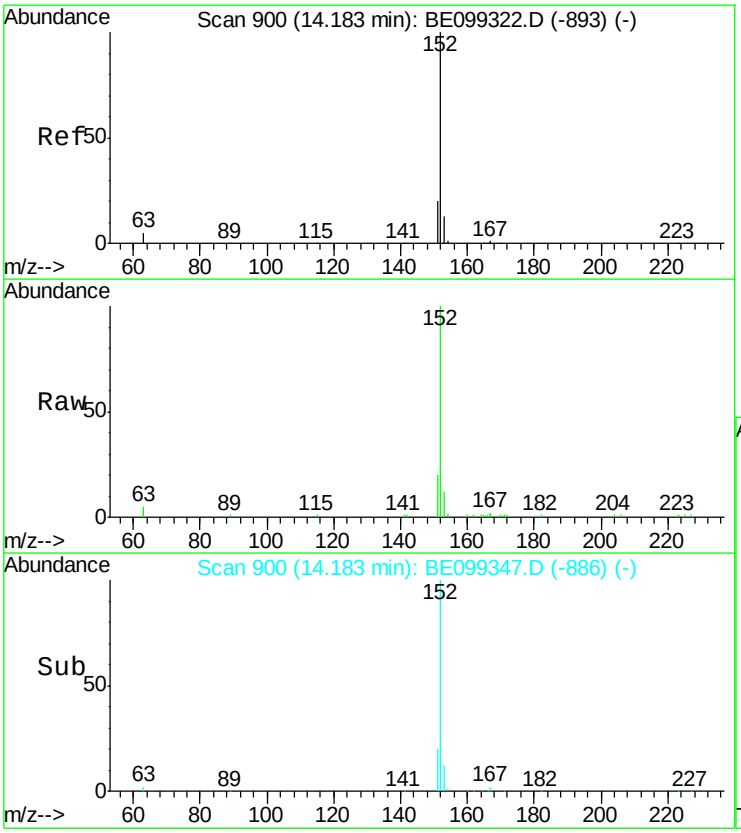
#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:172 Resp: 7713

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.9	18.1	27.1

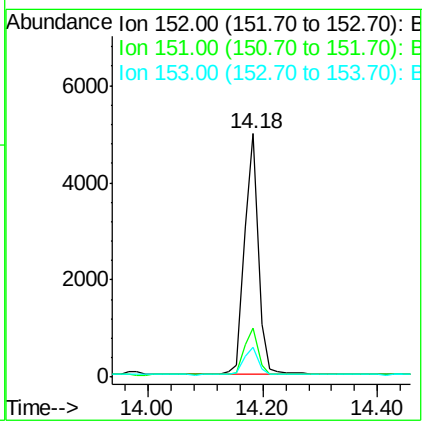


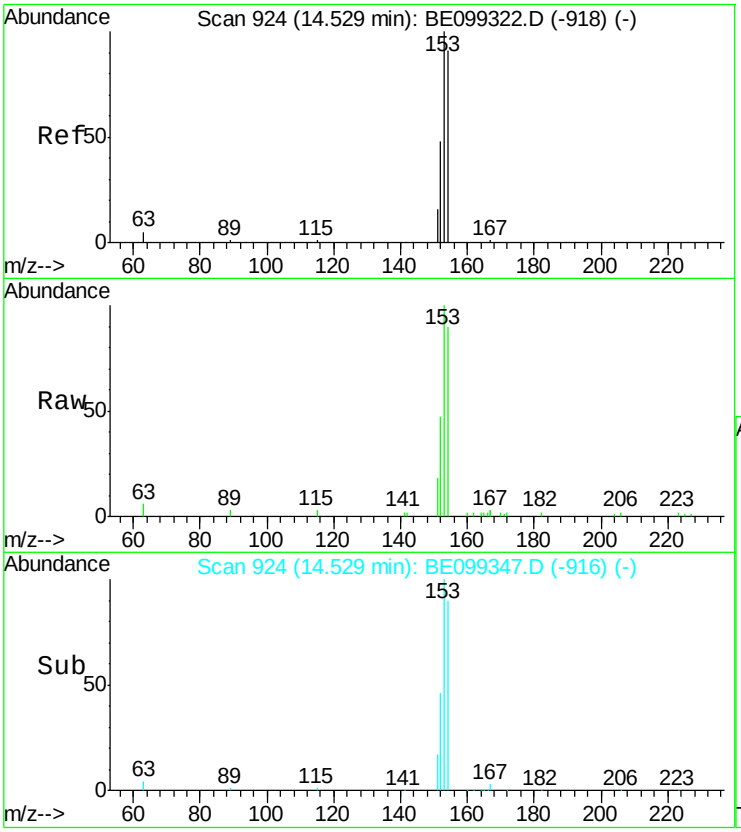


#16
Acenaphthylene
Concen: 0.214 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:152 Resp: 8399

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	12.0	10.2	15.4



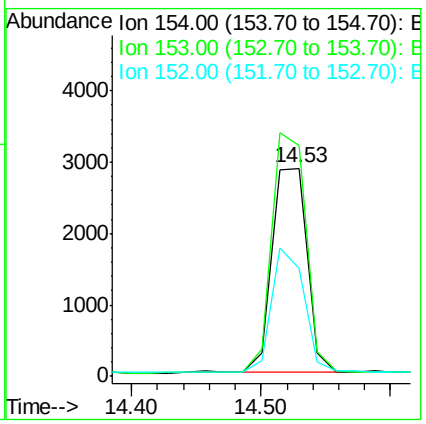


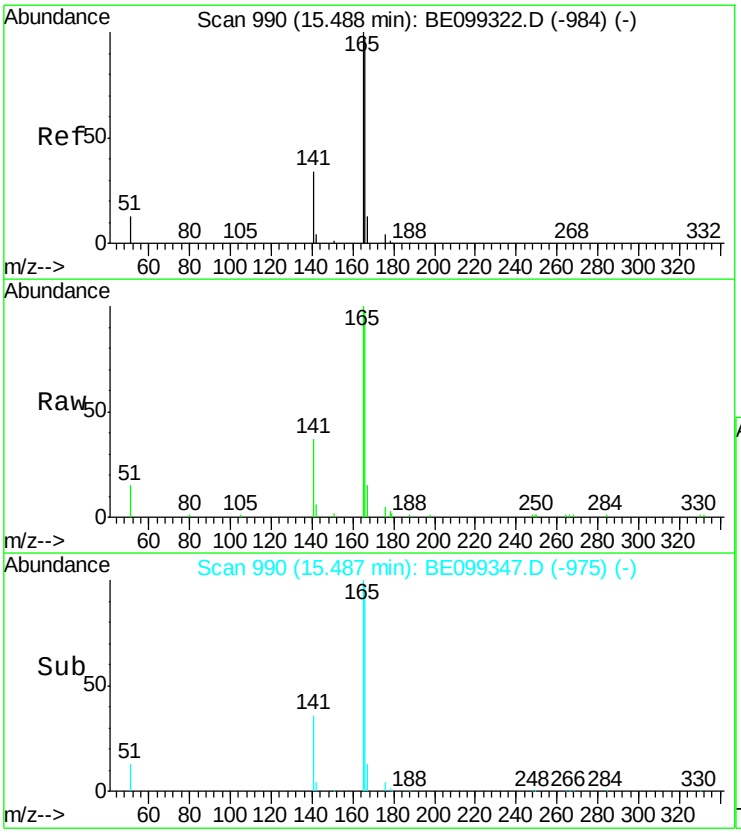
#17
Acenaphthene
Concen: 0.222 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:154 Resp: 5383

Ion	Ratio	Lower	Upper
154	100		
153	115.4	94.7	142.1
152	57.2	46.4	69.6

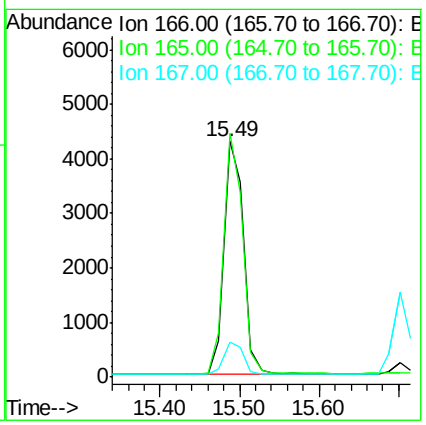


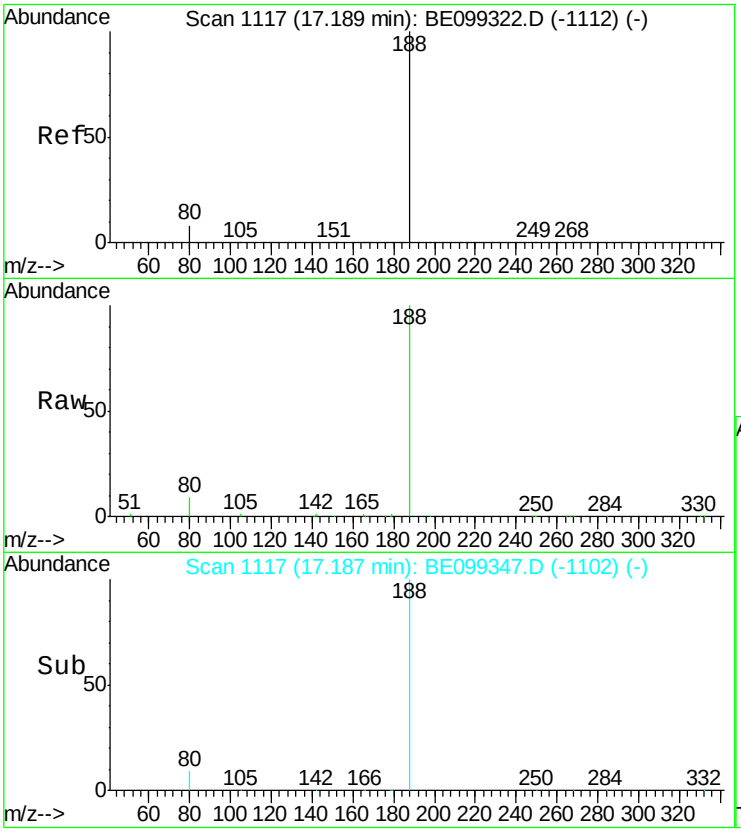


#18
Fluorene
Concen: 0.209 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:166 Resp: 7260

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.7	119.5
167	14.1	11.0	16.4



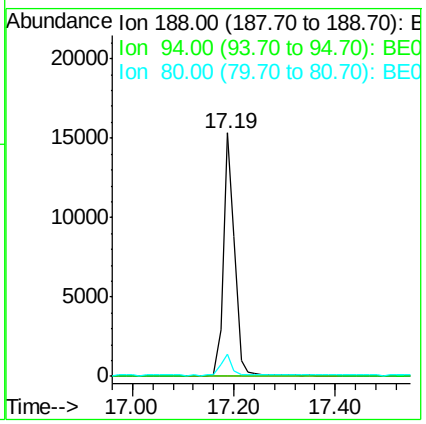


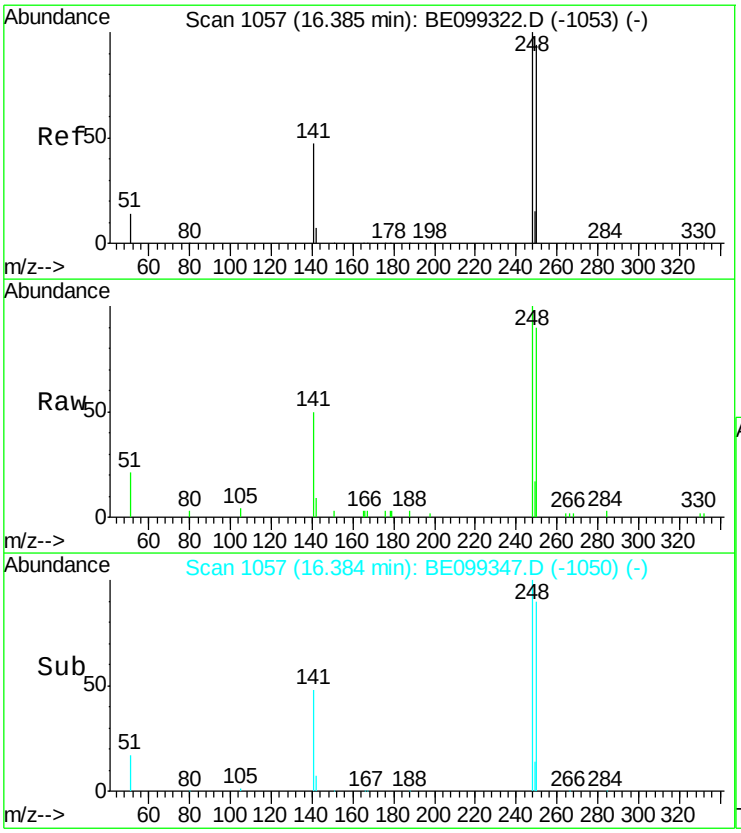
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:188 Resp: 23118

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.2	9.4

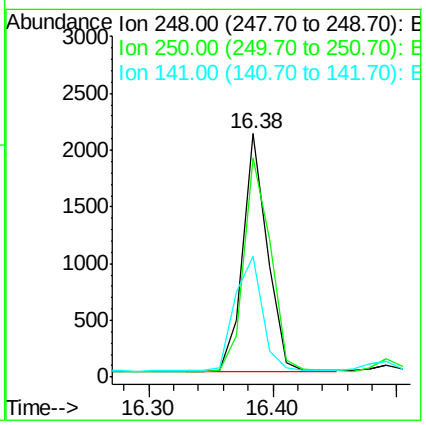


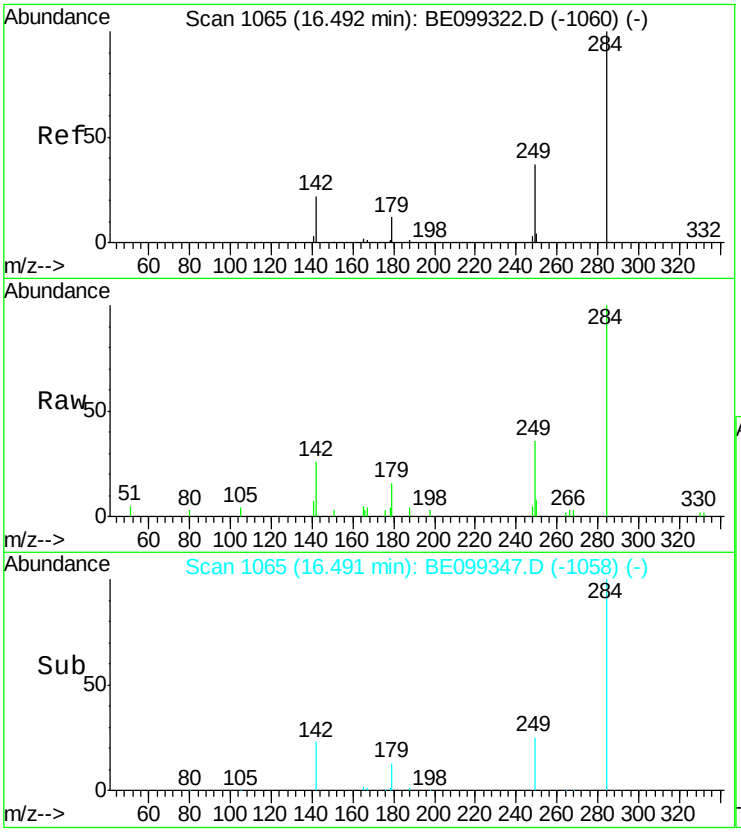


#20
4-Bromophenyl-phenylether
Concen: 0.226 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:248 Resp: 2897

Ion	Ratio	Lower	Upper
248	100		
250	90.1	77.0	115.6
141	49.7	31.1	46.7#



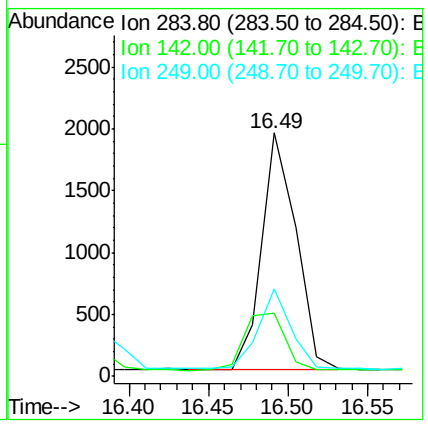


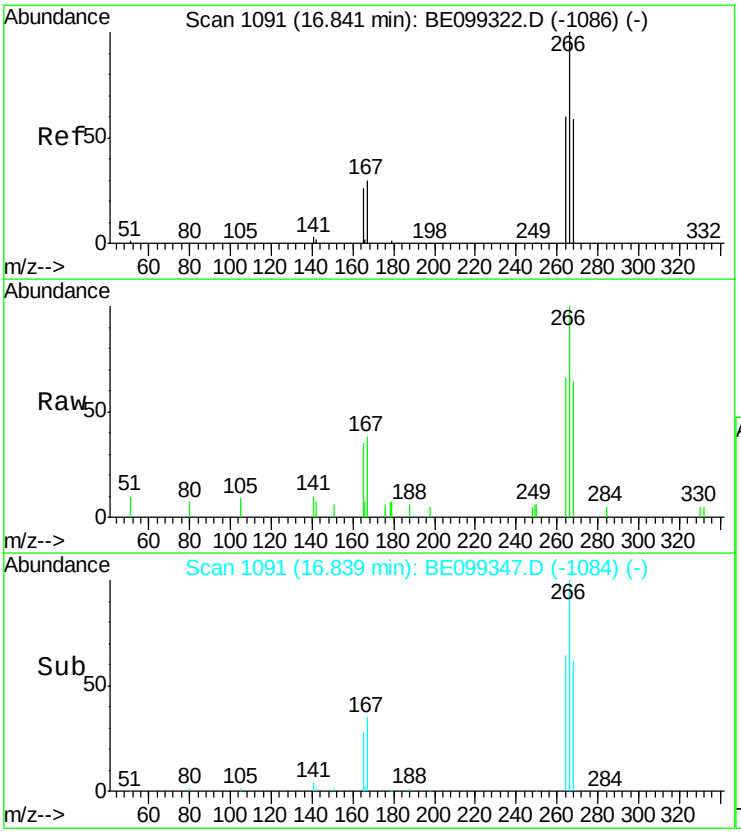
#21
Hexachlorobenzene
Concen: 0.232 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:284 Resp: 2855

Ion	Ratio	Lower	Upper
284	100		
142	28.6	21.8	32.6
249	31.3	26.2	39.4

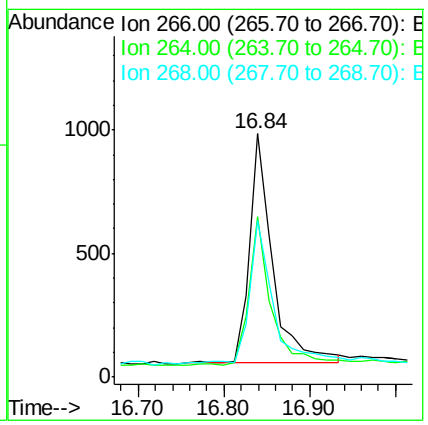


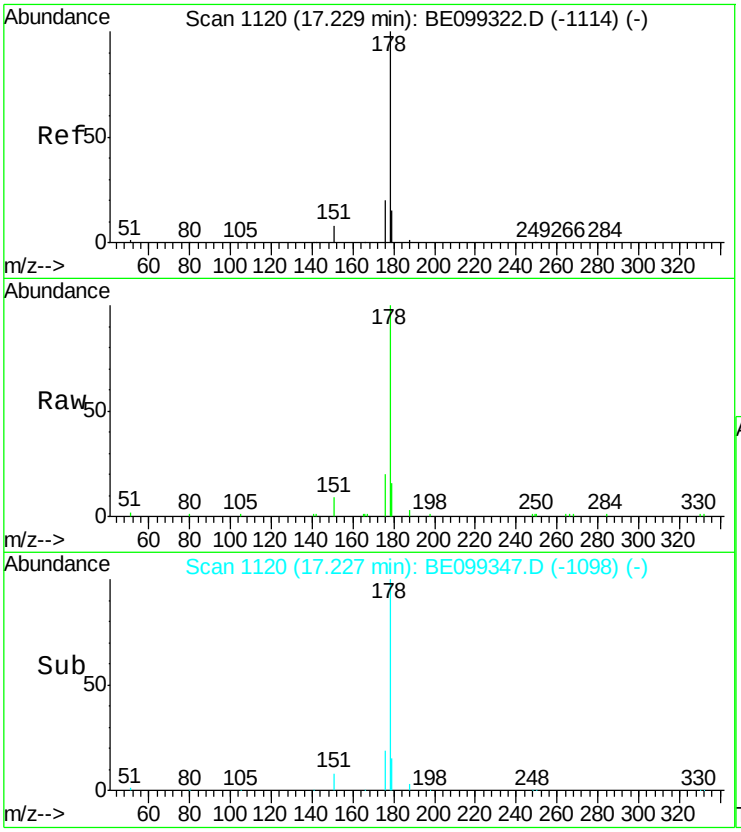


#22
Pentachlorophenol
Concen: 0.567 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:266 Resp: 1724

Ion	Ratio	Lower	Upper
266	100		
264	66.0	54.5	81.7
268	64.1	54.3	81.5



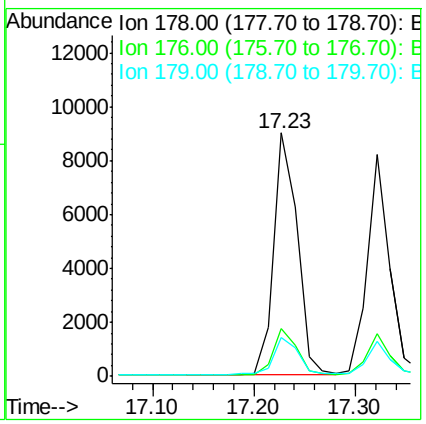


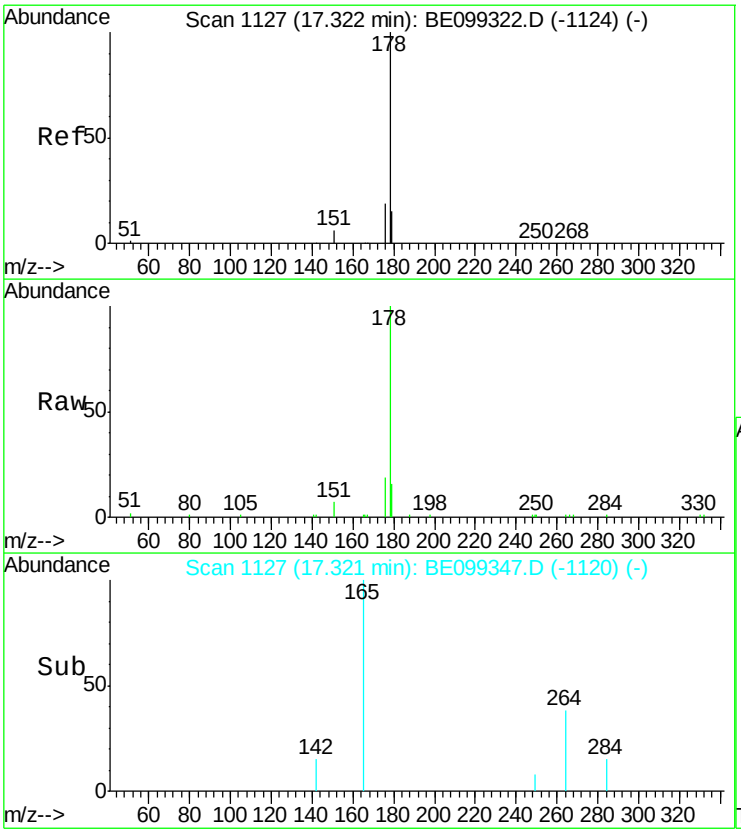
#23
Phenanthrene
Concen: 0.235 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:178 Resp: 14402

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.8	12.4	18.6

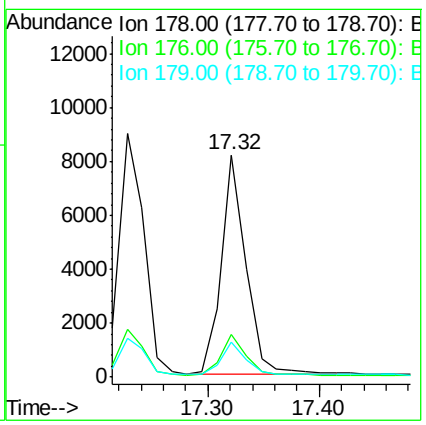


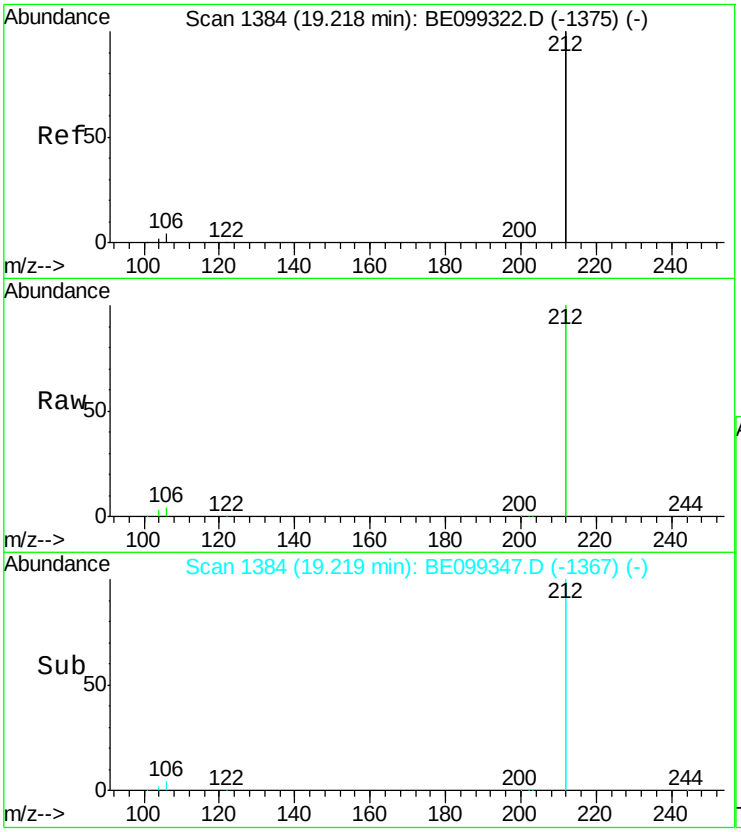


#24
Anthracene
Concen: 0.228 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:178 Resp: 12401

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	14.6	11.9	17.9



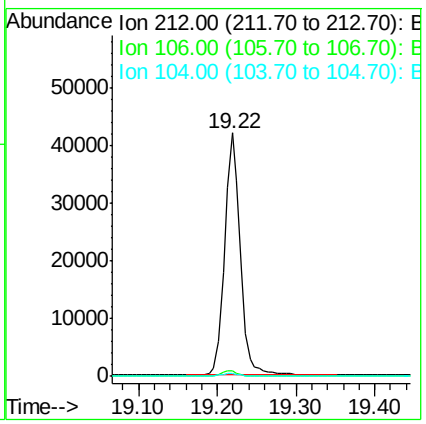


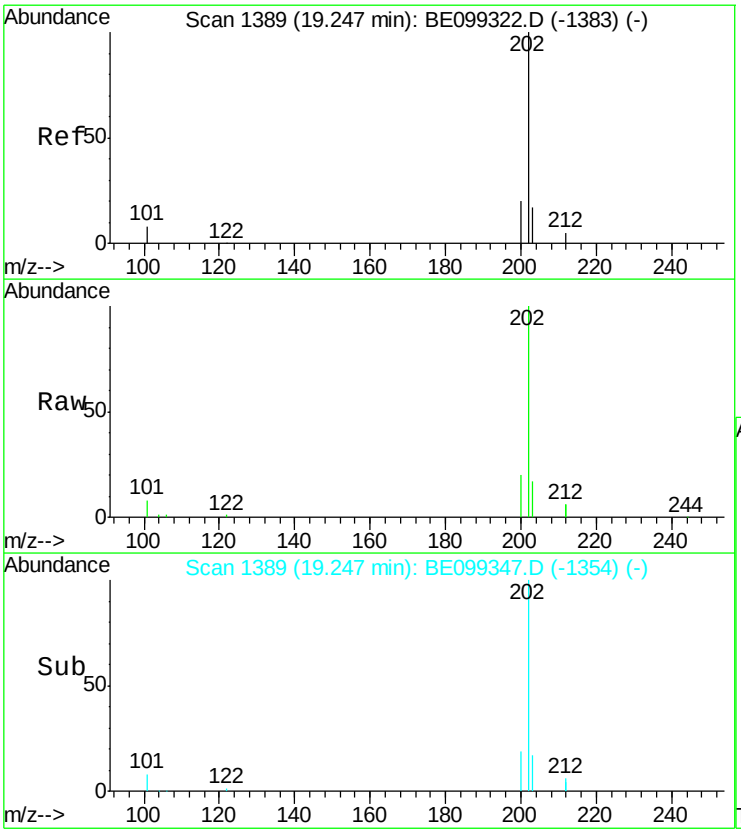
#25
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:212 Resp: 57995

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.6
104	1.3	1.0	1.4

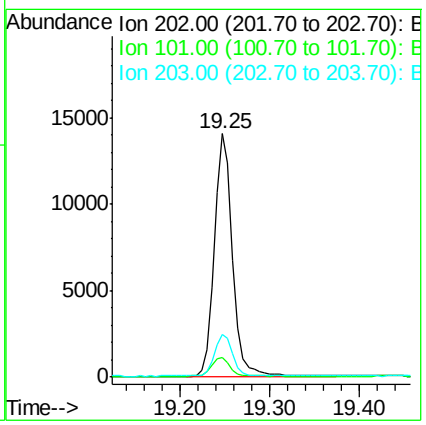


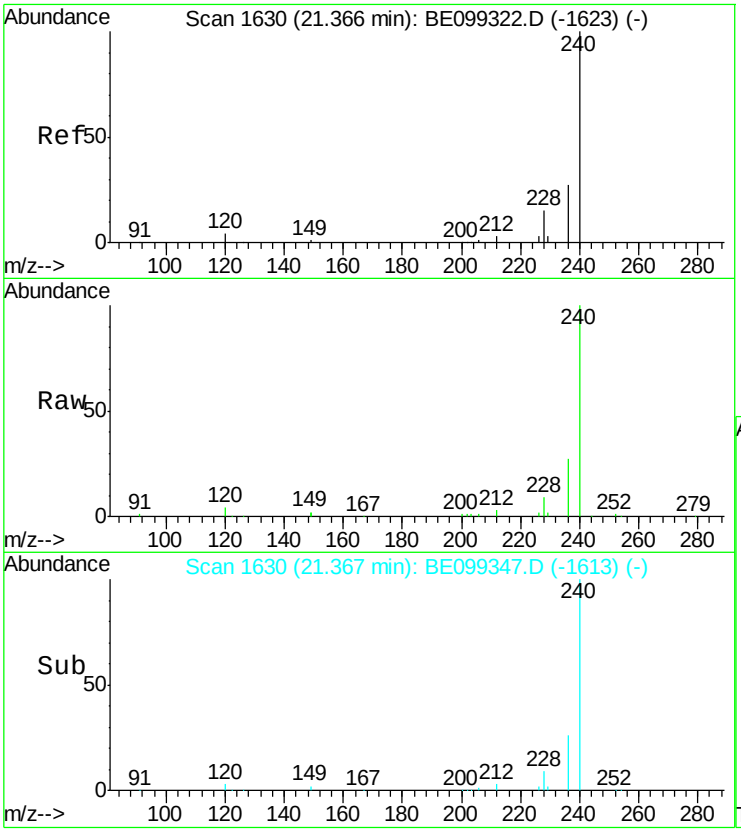


#26
Fluoranthene
Concen: 0.238 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:202 Resp: 19483

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.4	9.6
203	17.9	13.5	20.3



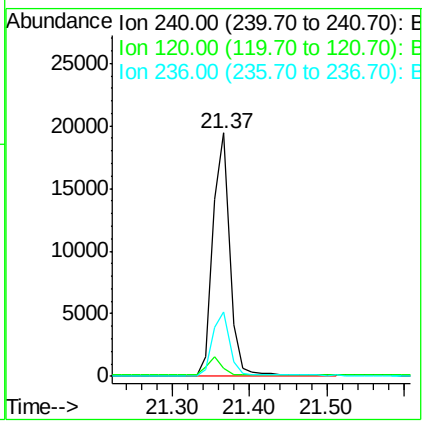


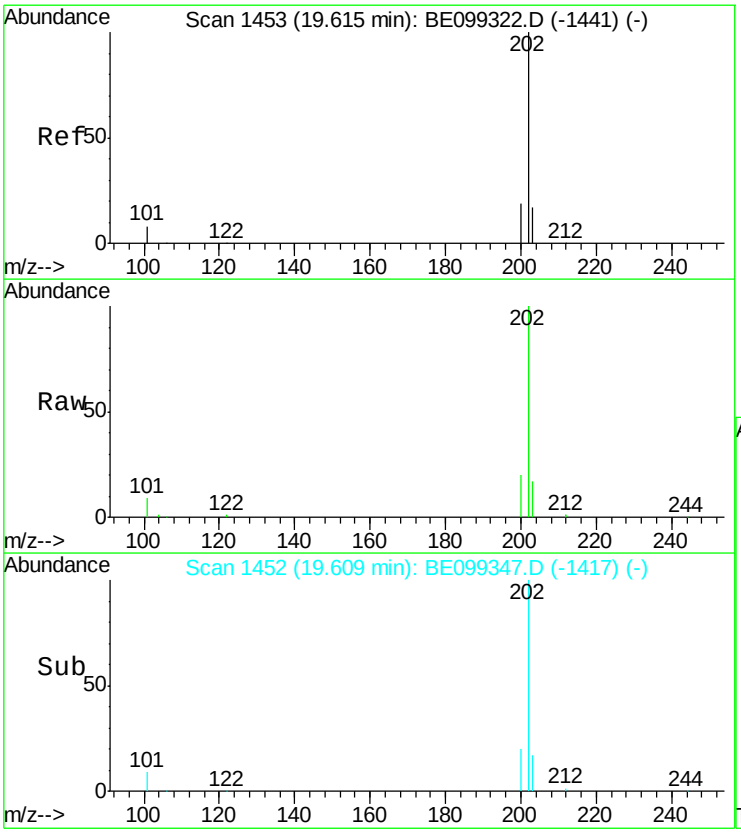
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:240 Resp: 29647

Ion	Ratio	Lower	Upper
240	100		
120	3.6	2.2	3.2#
236	26.6	20.2	30.4

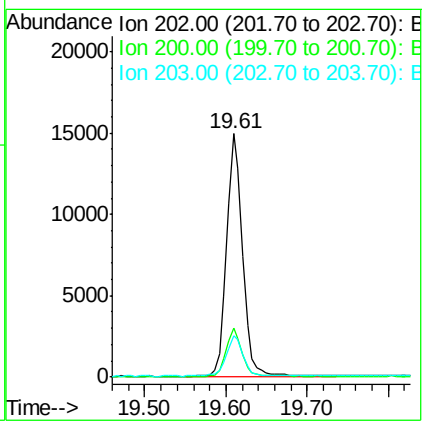


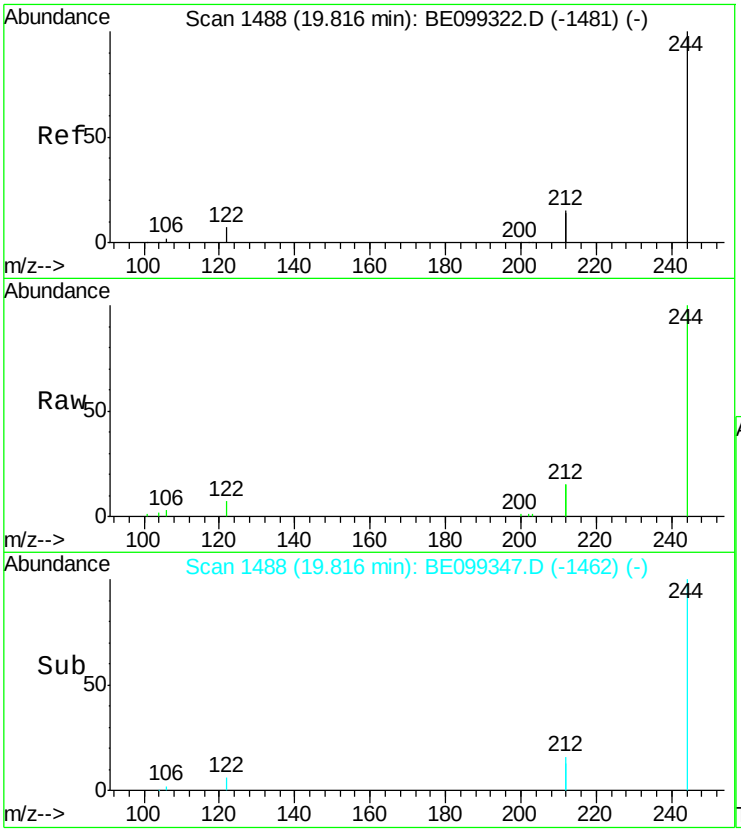


#28
Pyrene
Concen: 0.232 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:202 Resp: 20304

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.4	13.7	20.5



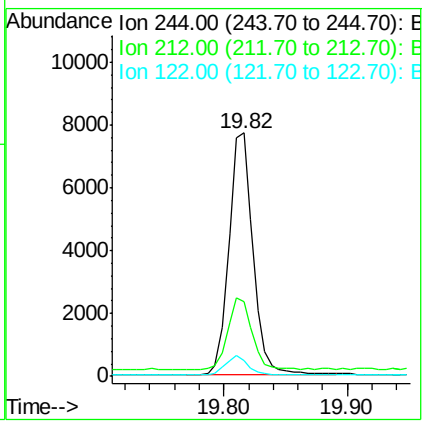


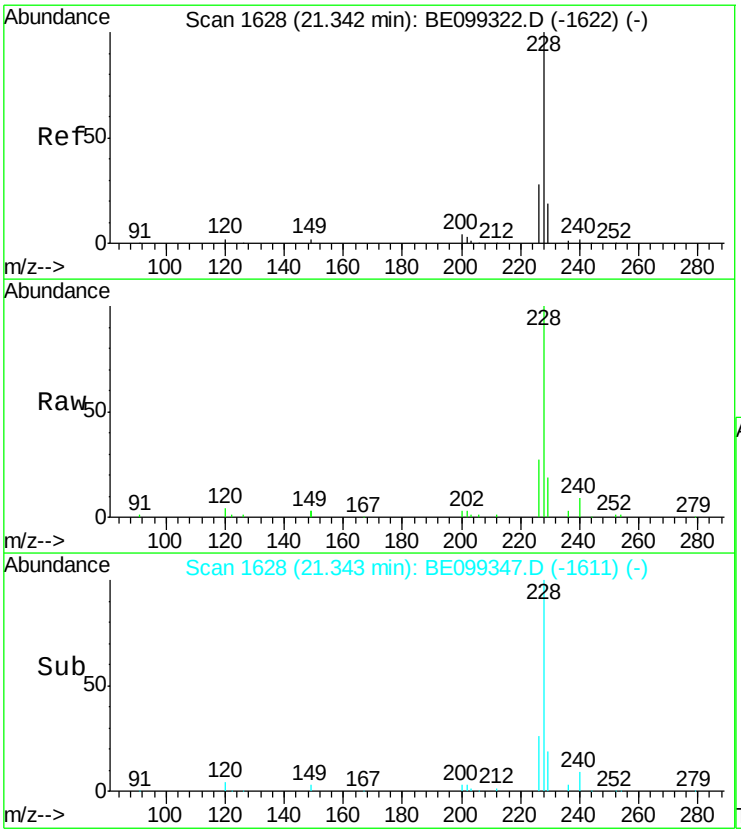
#29
Terphenyl-d14
Concen: 0.179 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:244 Resp: 10426

Ion	Ratio	Lower	Upper
244	100		
212	30.9	22.6	33.8
122	6.7	4.6	7.0

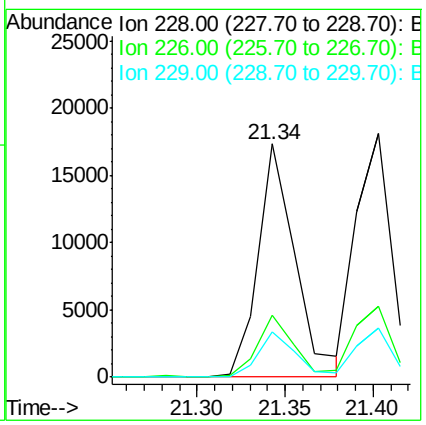


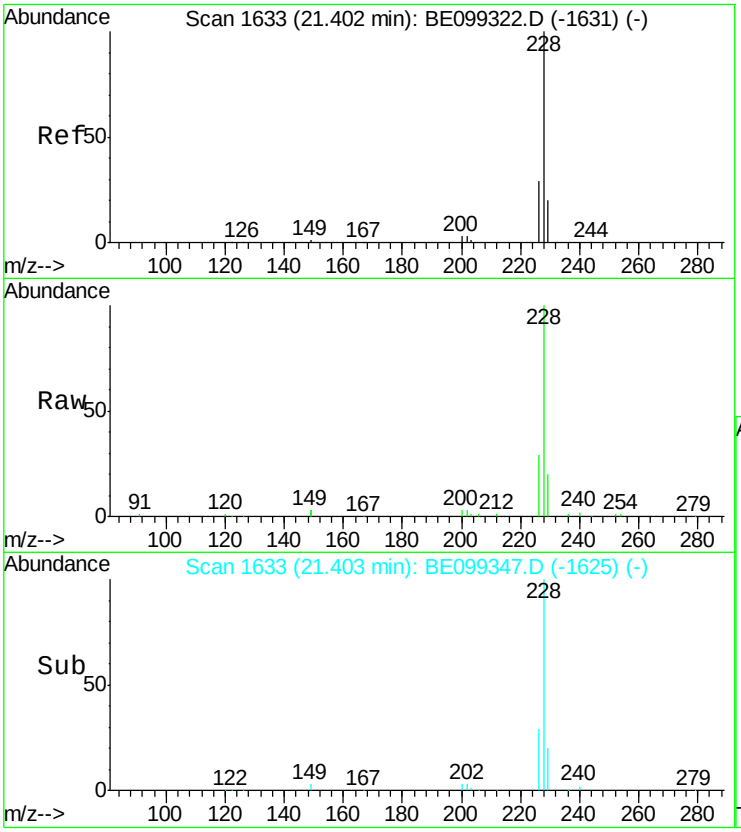


#30
Benzo(a)anthracene
Concen: 0.287 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:228 Resp: 25006

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.0	33.0
229	19.5	15.8	23.8



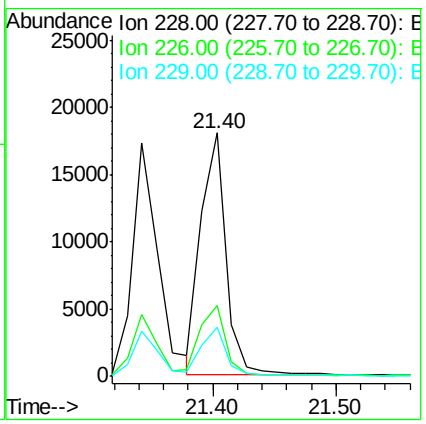


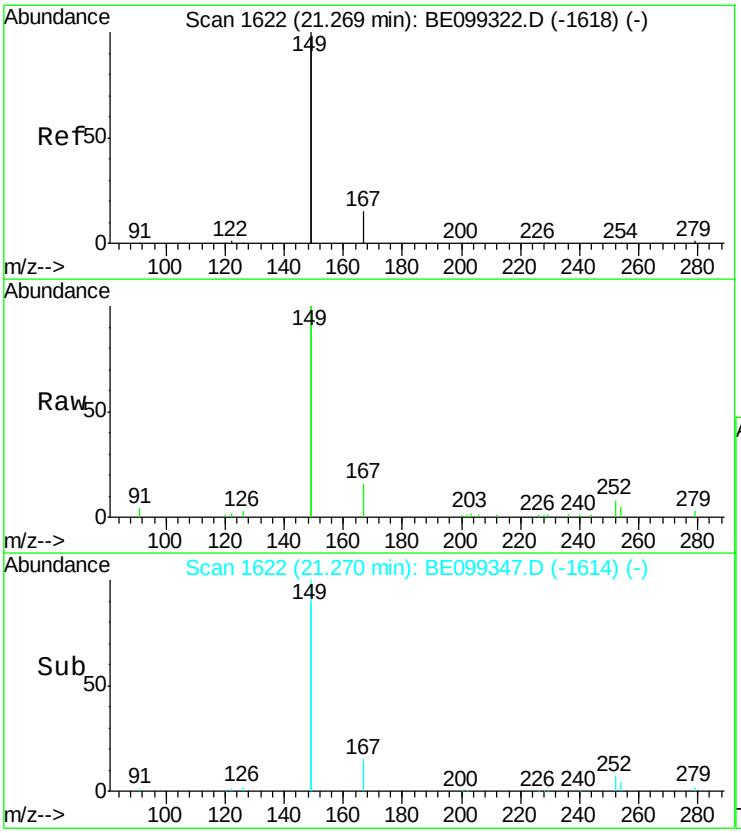
#31
Chrysene
Concen: 0.272 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:228 Resp: 25228

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	20.2	16.2	24.2

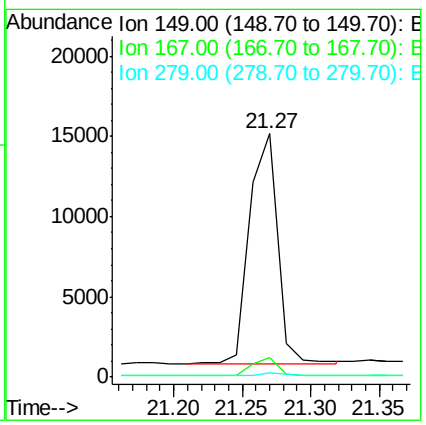


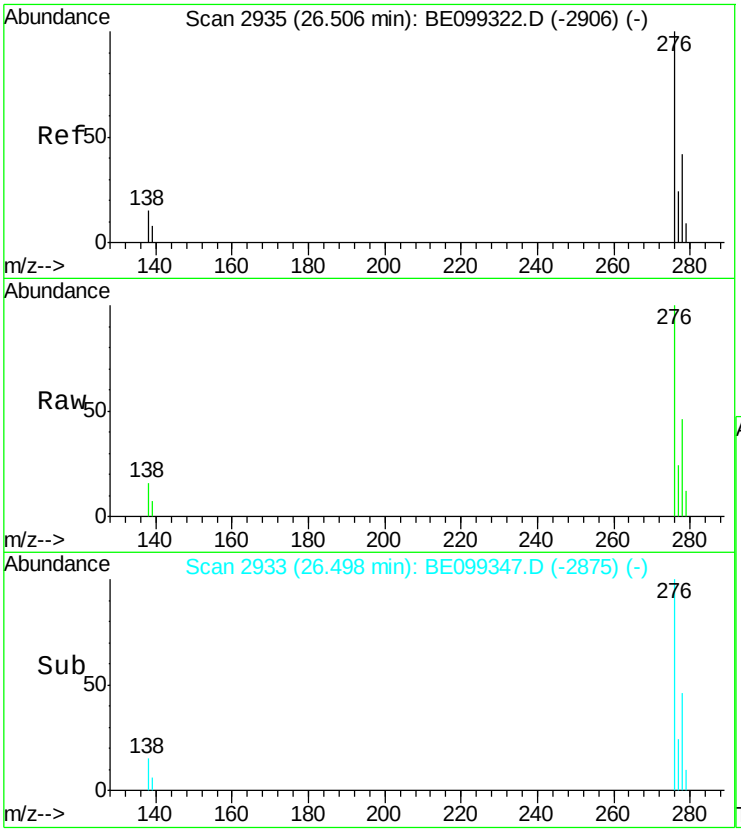


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.257 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:149 Resp: 20367

Ion	Ratio	Lower	Upper
149	100		
167	7.2	6.0	9.0
279	1.3	1.1	1.7



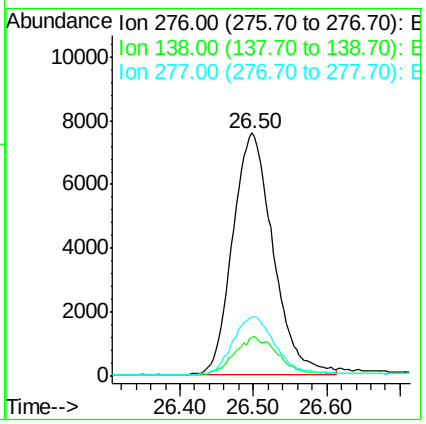


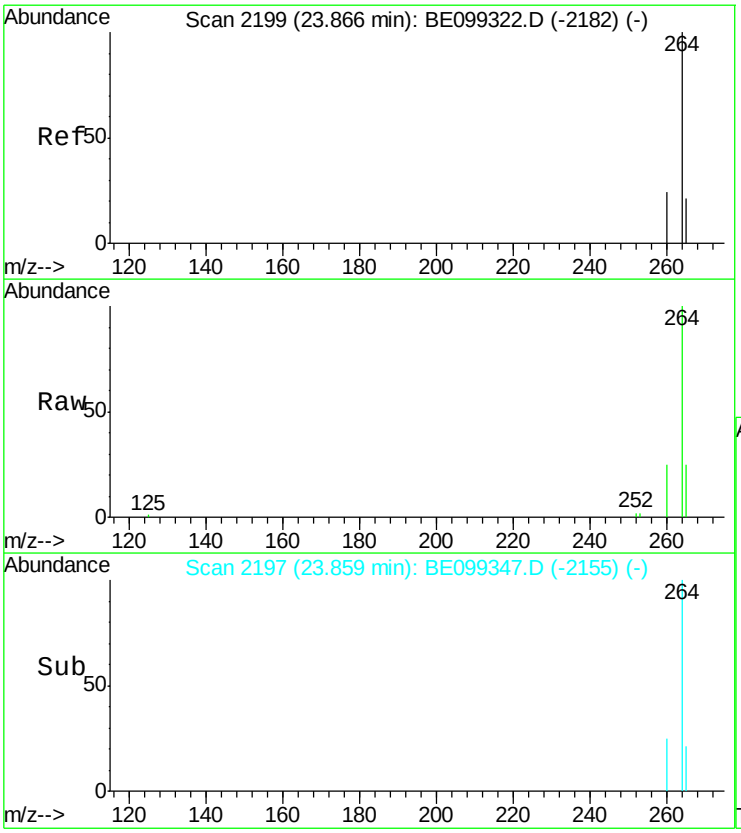
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.01 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:276 Resp: 28815

Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.7	19.1
277	24.9	19.6	29.4

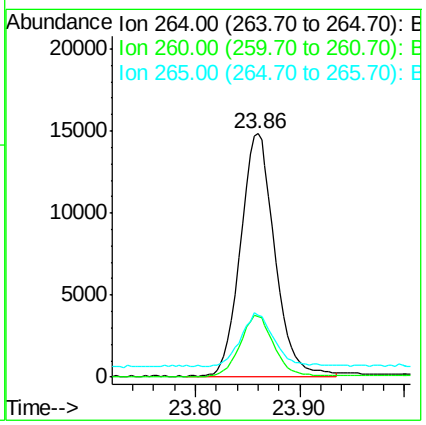


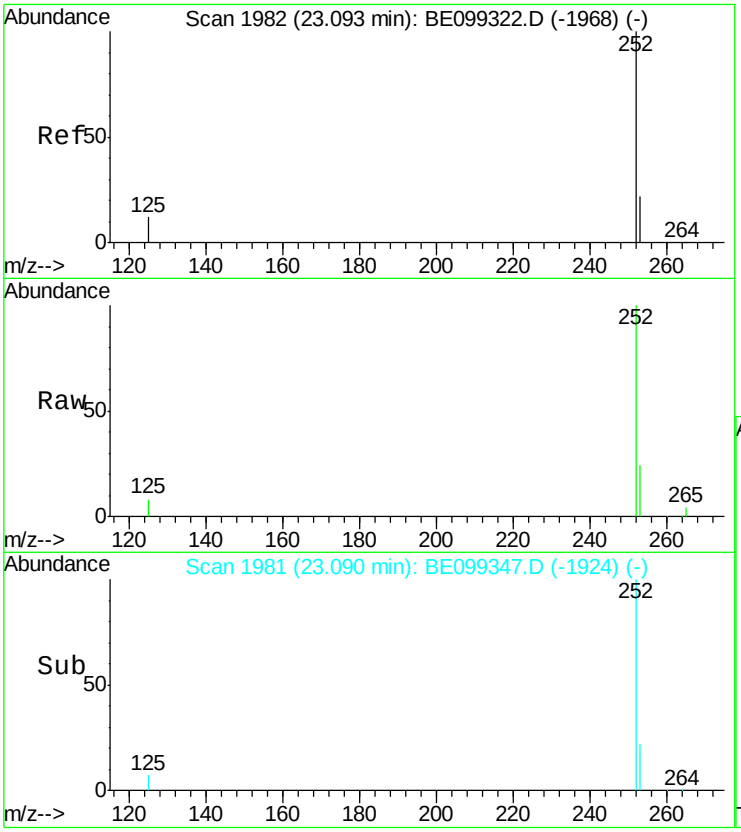


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:264 Resp: 33642

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	25.5	19.9	29.9



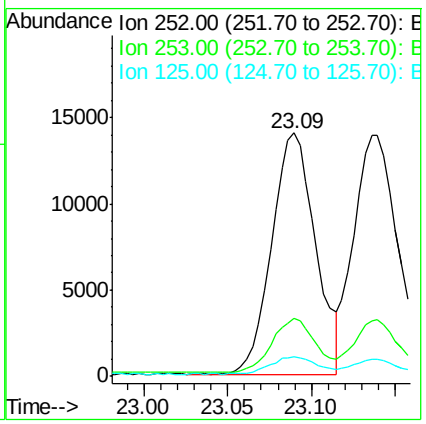


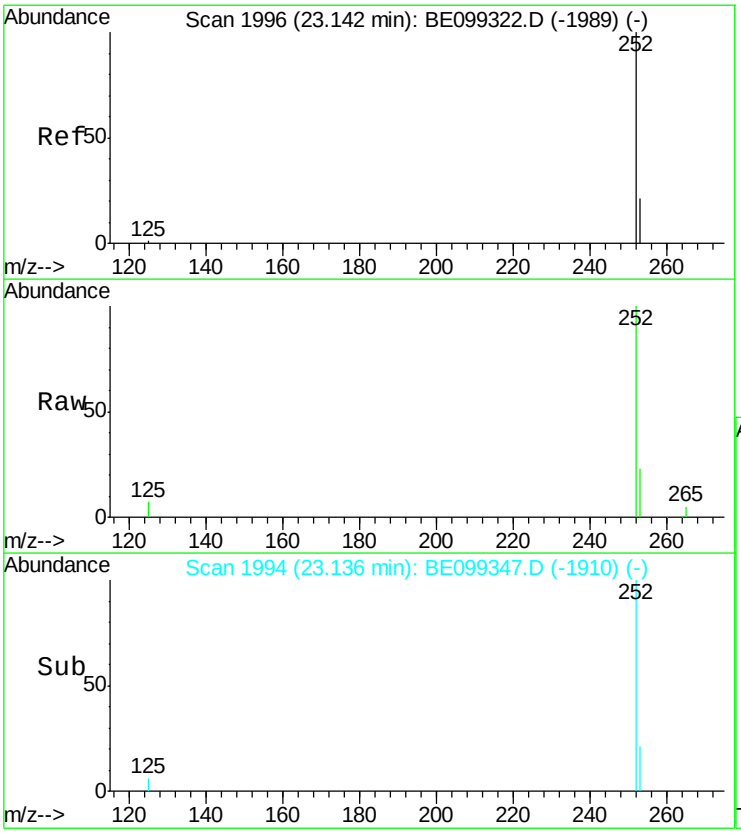
#35
Benzo(b)fluoranthene
Concen: 0.249 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:252 Resp: 25597

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	8.0	5.8	8.6

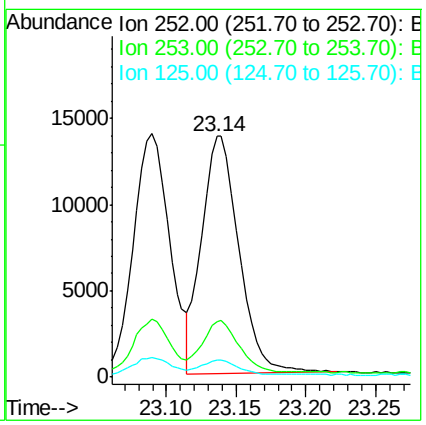


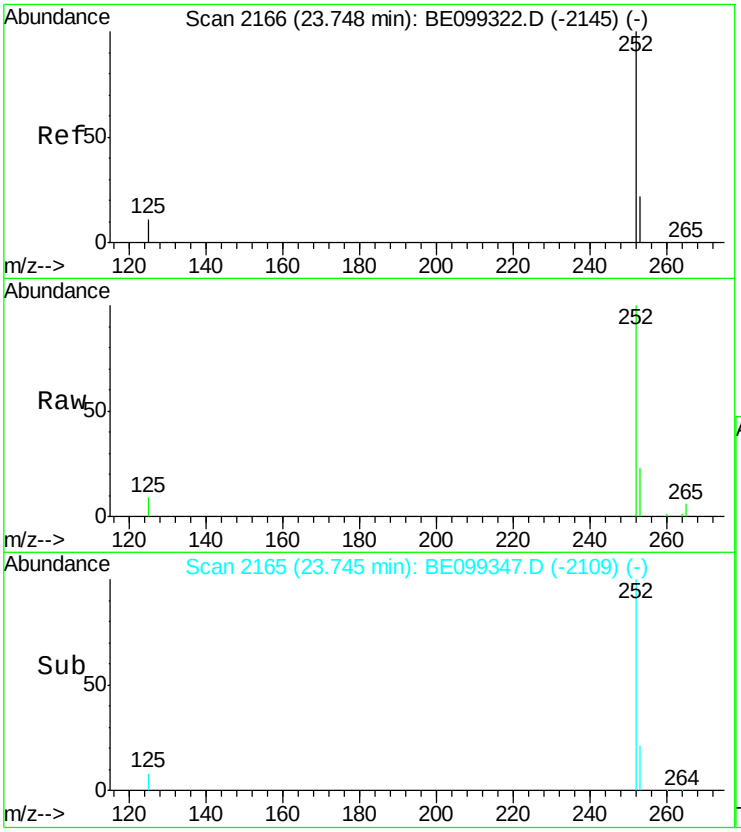


#36
Benzo(k)fluoranthene
Concen: 0.250 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:252 Resp: 25637

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	7.3	5.4	8.0



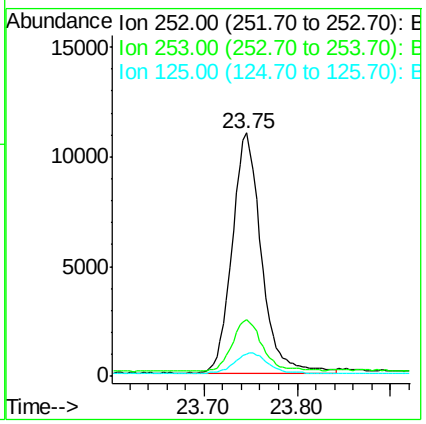


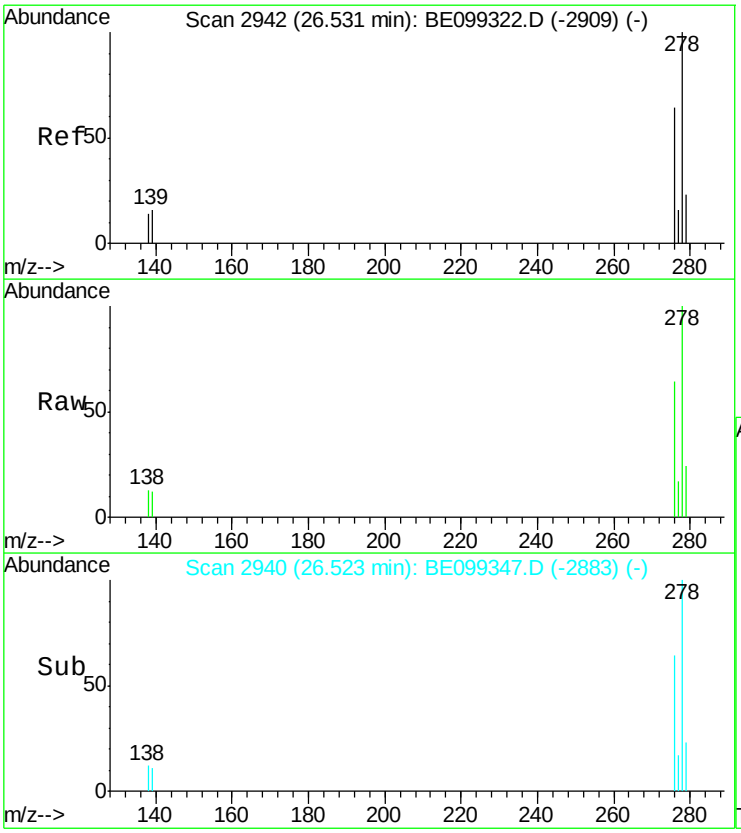
#37
Benzo(a)pyrene
Concen: 0.260 ng
RT: 23.75 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:252 Resp: 23966

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	8.9	6.5	9.7

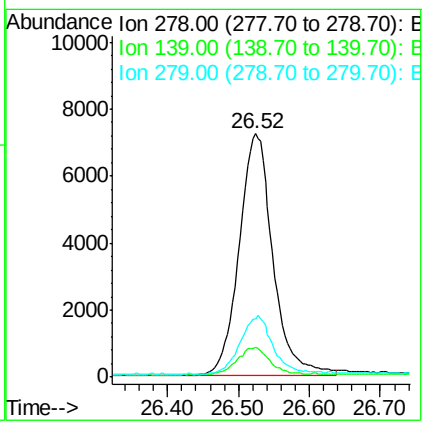


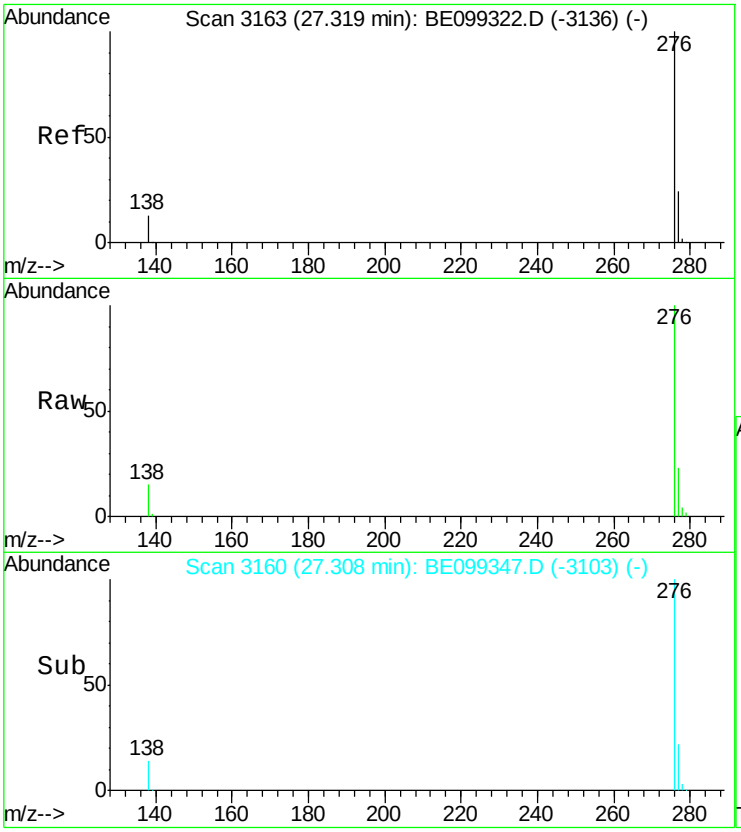


#38
Dibenzo(a,h)anthracene
Concen: 0.256 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Tgt Ion:278 Resp: 24123

Ion	Ratio	Lower	Upper
278	100		
139	12.2	8.5	12.7
279	24.0	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.262 ng
RT: 27.31 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BE099347.D
Acq: 19 Apr 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB119051BS

Tgt Ion:276 Resp: 25013

Ion	Ratio	Lower	Upper
276	100		
277	23.0	20.0	30.0
138	14.9	11.1	16.7