Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
Data File : BE099575.D
Acq On : 8 May 2019 10:38
Operator : JU/SJ
Sample : PB119314BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 12:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2156	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	7230	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4714	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	13473	0.40	ng		0.00
27) Chrysene-d12	21.43	240	18917	0.40	ng		0.00
34) Perylene-d12	23.98	264	22251	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1990	0.33	ng		0.00
5) Phenol-d6	6.99	99	2636	0.34	ng		0.00
8) Nitrobenzene-d5	8.99	82	2192	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	5403	0.43	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	761	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	6120	0.34	ng		0.00
25) Fluoranthene-d10	19.28	212	60107	0.33	ng		0.00
29) Terphenyl-d14	19.87	244	12834	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1006	0.330	ng	#	71
3) n-Nitrosodimethylamine	3.62	42	588	0.292	ng	#	69
6) bis(2-Chloroethyl)ether	7.25	93	2216	0.338	ng		96
9) Naphthalene	10.68	128	27145	0.354	ng		100
10) Hexachlorobutadiene	10.95	225	1918	0.345	ng		96
12) 2-Methylnaphthalene	12.31	142	4523	0.348	ng		97
16) Acenaphthylene	14.21	152	7607	0.334	ng		100
17) Acenaphthene	14.56	154	4411	0.347	ng		97
18) Fluorene	15.54	166	6266	0.345	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	2552	0.333	ng	#	74
21) Hexachlorobenzene	16.55	284	2538	0.333	ng		97
22) Pentachlorophenol	16.91	266	1175	0.375	ng		98
23) Phenanthrene	17.28	178	11664	0.351	ng		99
24) Anthracene	17.38	178	10724	0.336	ng		100
26) Fluoranthene	19.31	202	17746	0.347	ng		100
28) Pyrene	19.67	202	18789	0.371	ng		100
30) Benzo(a)anthracene	21.40	228	22596	0.386	ng		97
31) Chrysene	21.46	228	21726	0.376	ng		100
32) Bis(2-ethylhexyl)phthalate	21.32	149	32504	0.350	ng		99
33) Indeno(1,2,3-cd)pyrene	26.67	276	27647	0.403	ng	#	94
35) Benzo(b)fluoranthene	23.19	252	22154	0.361	ng		98
36) Benzo(k)fluoranthene	23.24	252	23584	0.390	ng		98
37) Benzo(a)pyrene	23.86	252	21956	0.371	ng		99
38) Dibenzo(a,h)anthracene	26.71	278	22785	0.372	ng		97
39) Benzo(g,h,i)perylene	27.50	276	23399	0.382	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 8 May 2019 10:38
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Misc :
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Instrument :
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Quant Time: May 08 12:23:45 2019
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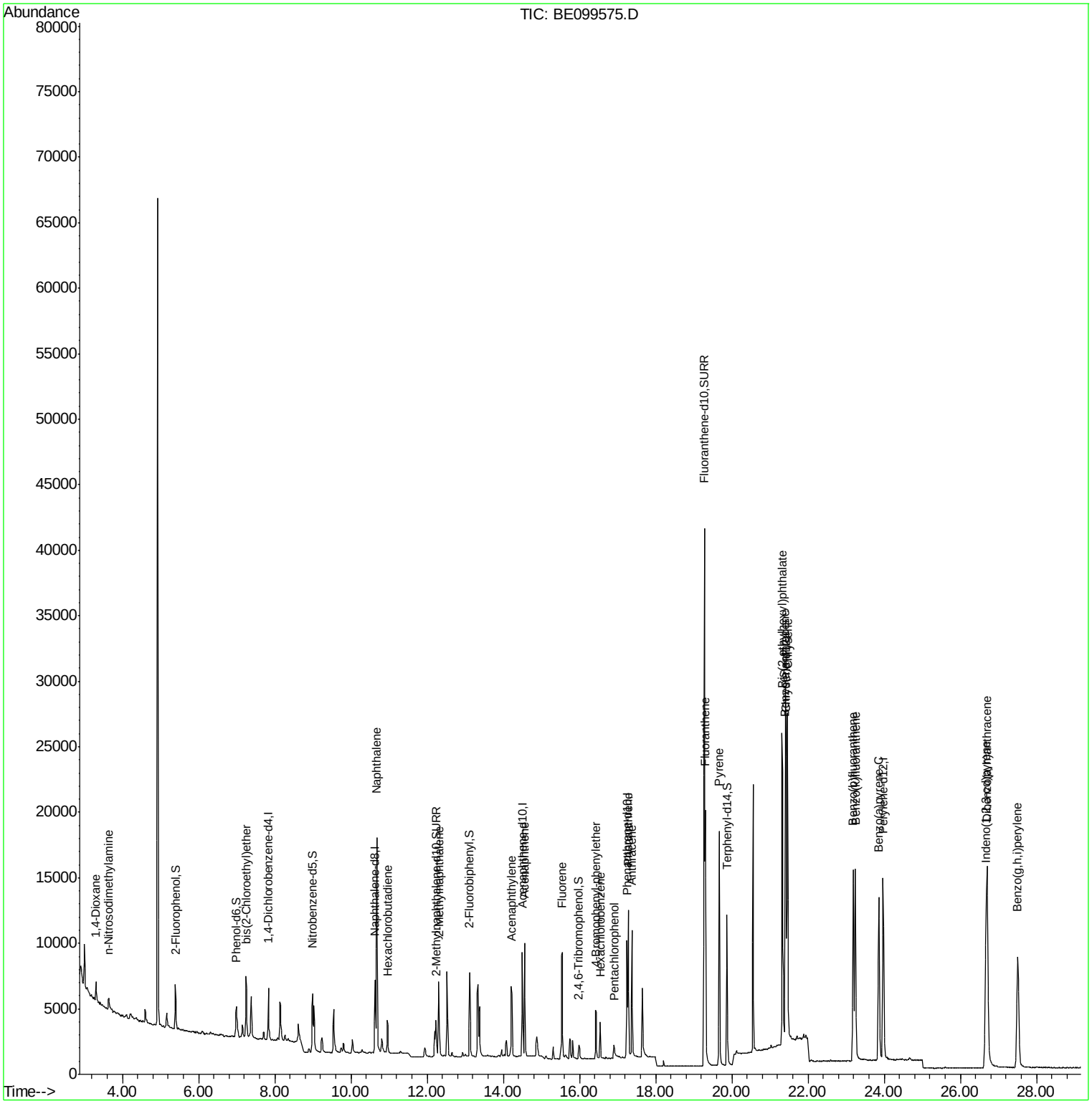
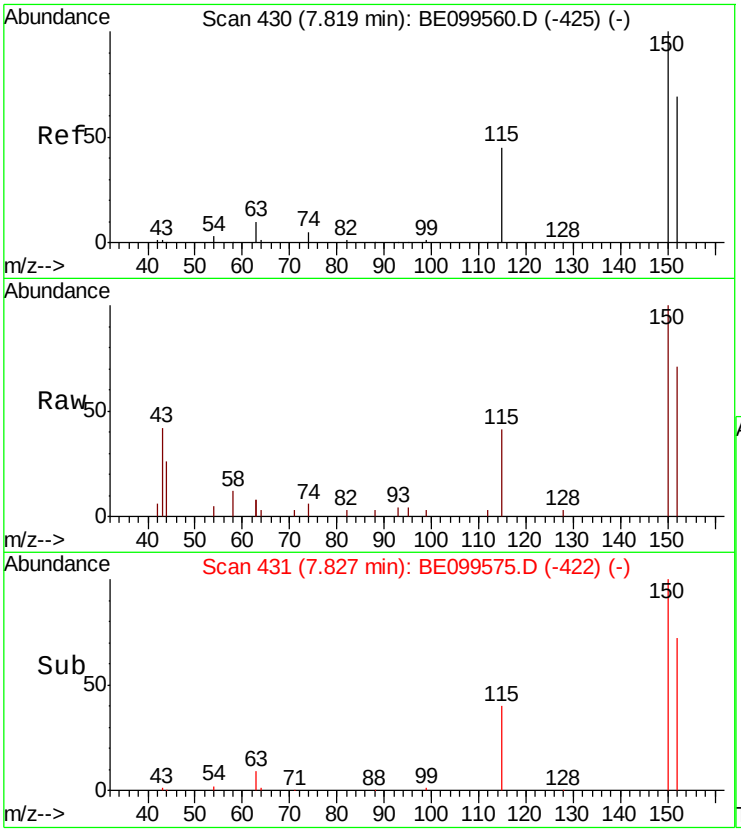
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
Response via : Initial Calibration



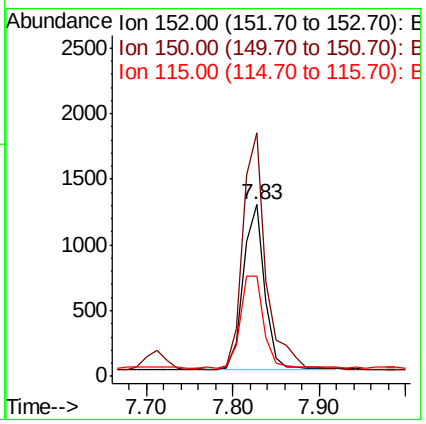


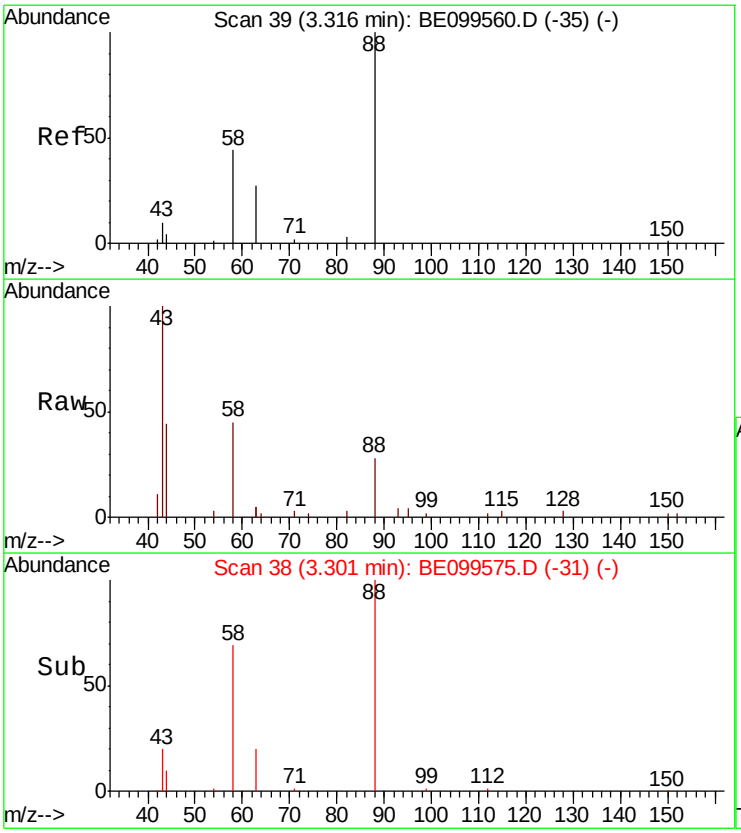
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2156

Ion	Ratio	Lower	Upper
152	100		
150	141.7	113.8	170.6
115	58.4	54.2	81.2

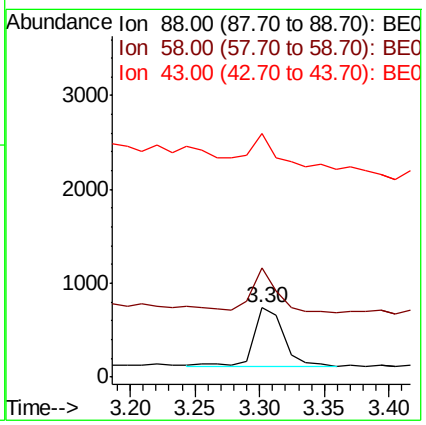


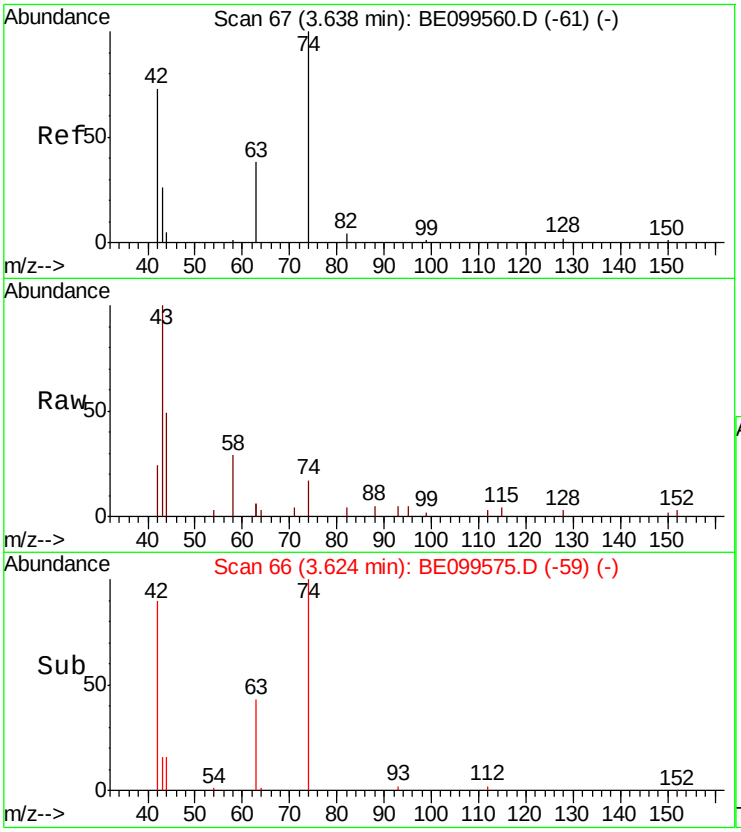


#2
1,4-Dioxane
Concen: 0.330 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion: 88 Resp: 1006

Ion	Ratio	Lower	Upper
88	100		
58	63.5	46.6	69.8
43	66.0	20.3	30.5#



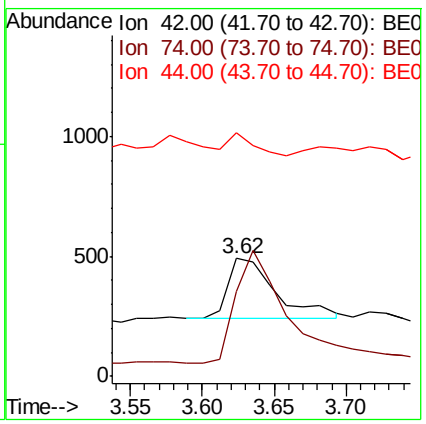


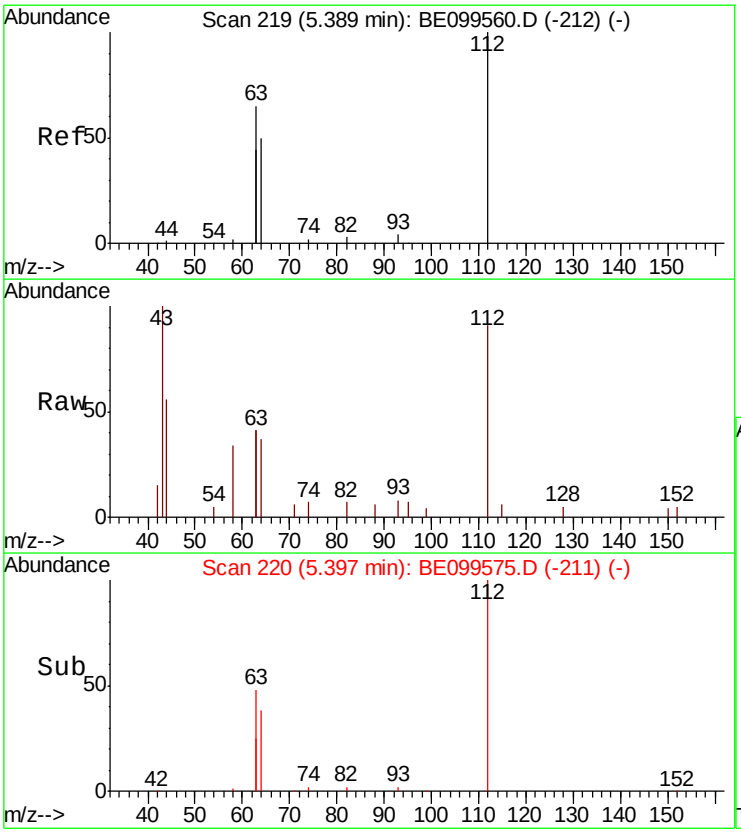
#3
n-Nitrosodimethylamine
Concen: 0.292 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 588

Ion	Ratio	Lower	Upper
42	100		
74	190.8	121.3	181.9#
44	17.3	0.0	0.0#

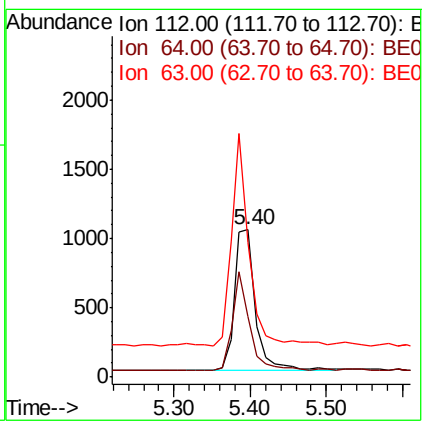


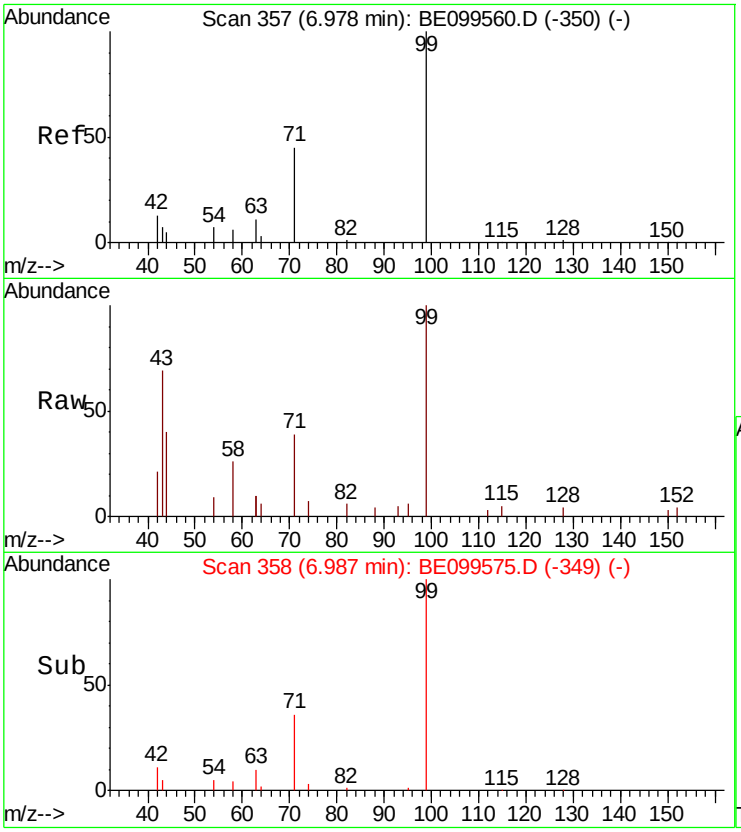


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:112 Resp: 1990

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.3	69.5
63	121.8	99.6	149.4



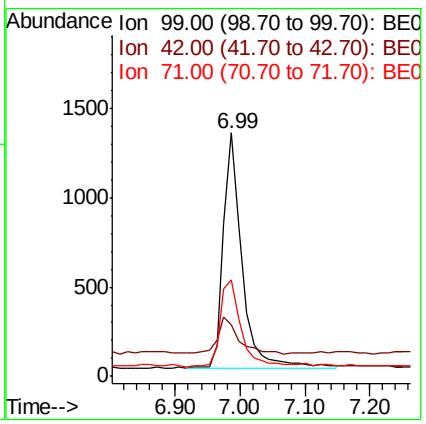


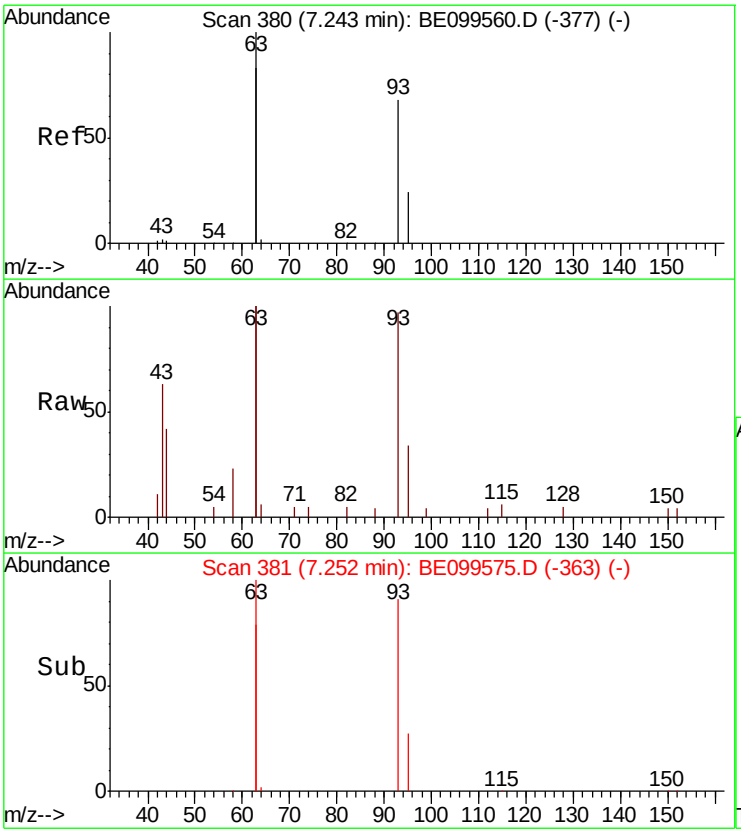
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2636

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.0
71	40.2	34.2	51.2

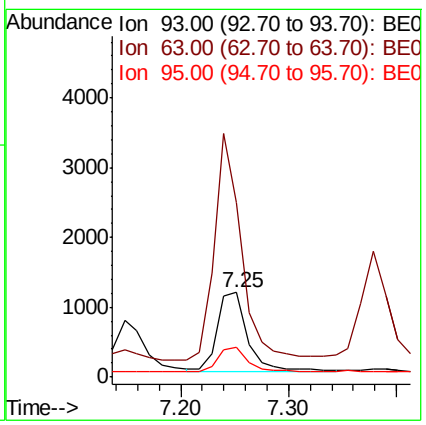


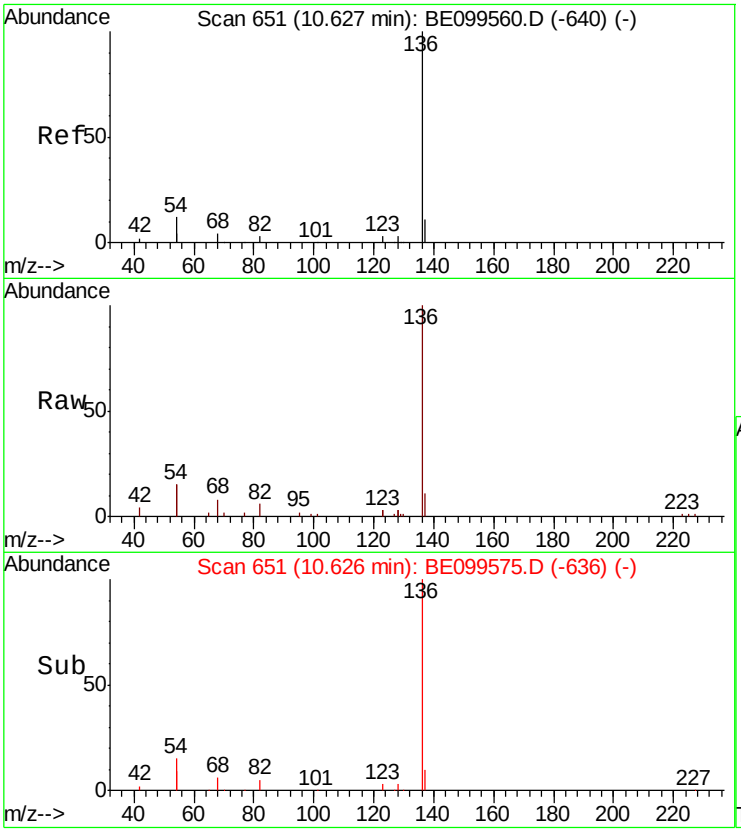


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion: 93 Resp: 2216

Ion	Ratio	Lower	Upper
93	100		
63	253.3	209.0	313.4
95	33.6	26.9	40.3



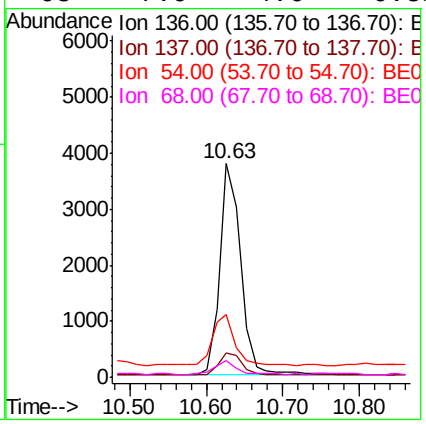


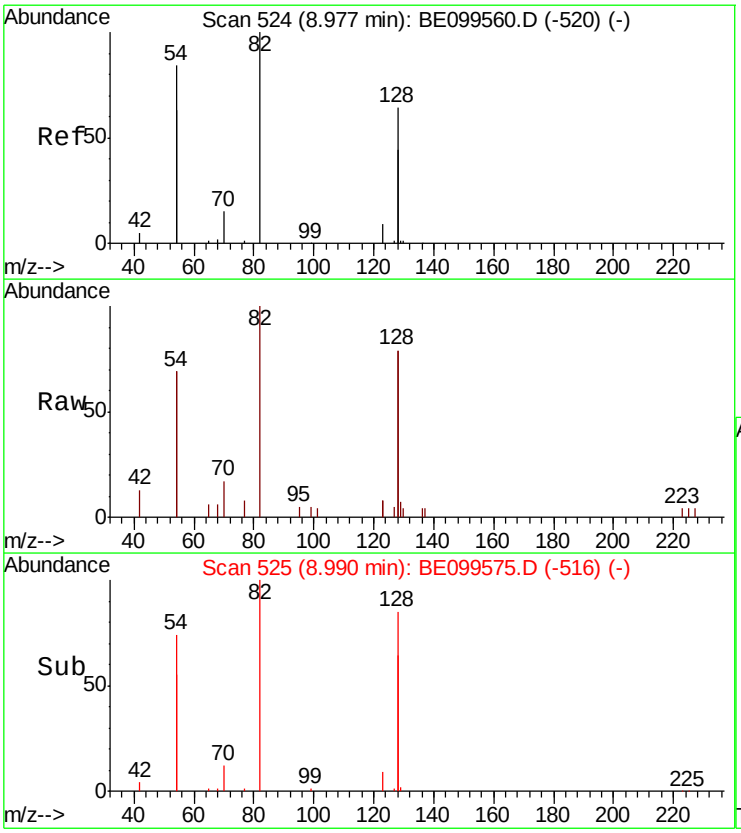
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7230

Ion	Ratio	Lower	Upper
136	100		
137	11.3	10.0	15.0
54	29.5	18.6	28.0#
68	7.9	4.6	6.8#

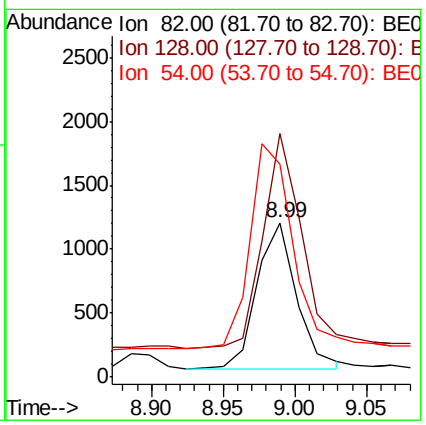


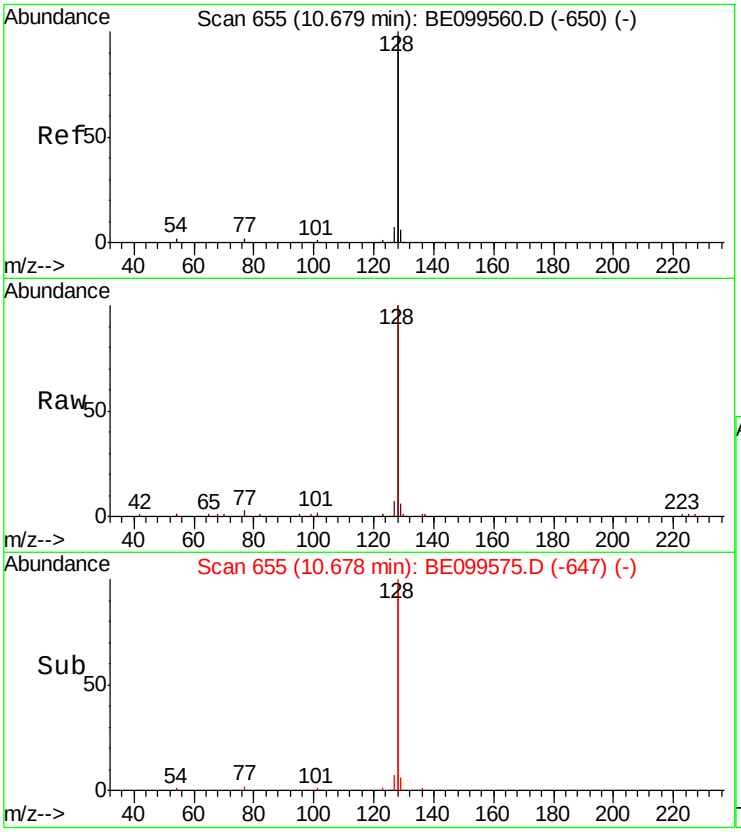


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion: 82 Resp: 2192

Ion	Ratio	Lower	Upper
82	100		
128	157.9	97.6	146.4#
54	138.3	127.4	191.2



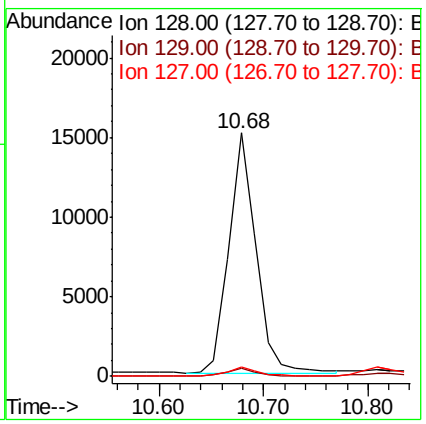


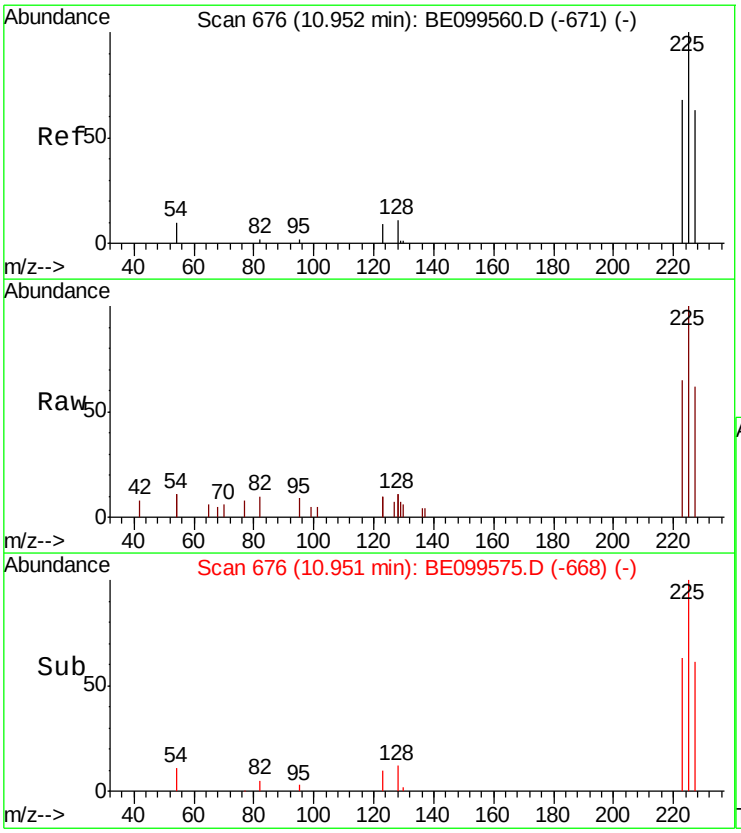
#9
Naphthalene
Concen: 0.354 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 27145

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.6	3.0	4.4

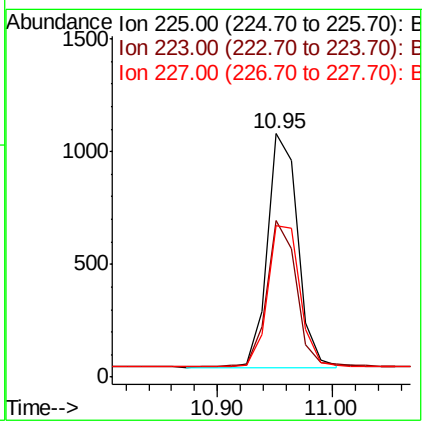


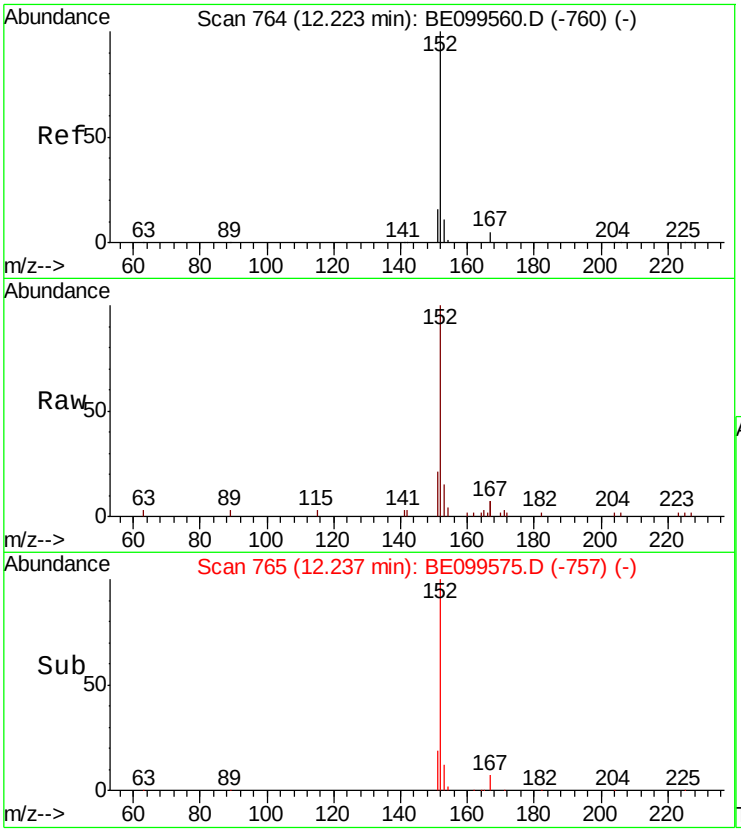


#10
Hexachlorobutadiene
Concen: 0.345 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:225 Resp: 1918

Ion	Ratio	Lower	Upper
225	100		
223	60.5	53.0	79.6
227	64.0	51.4	77.0



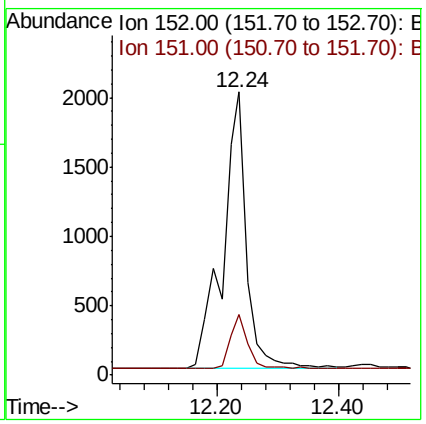


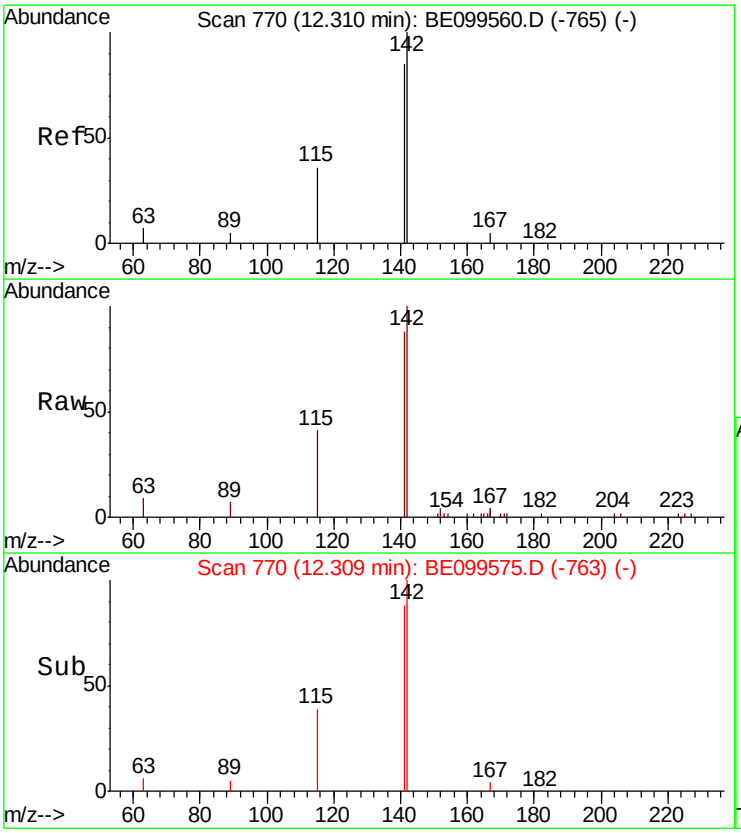
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5403

Ion	Ratio	Lower	Upper
152	100		
151	14.8	15.8	23.8#

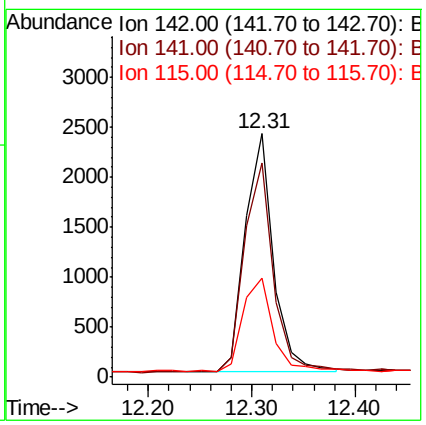


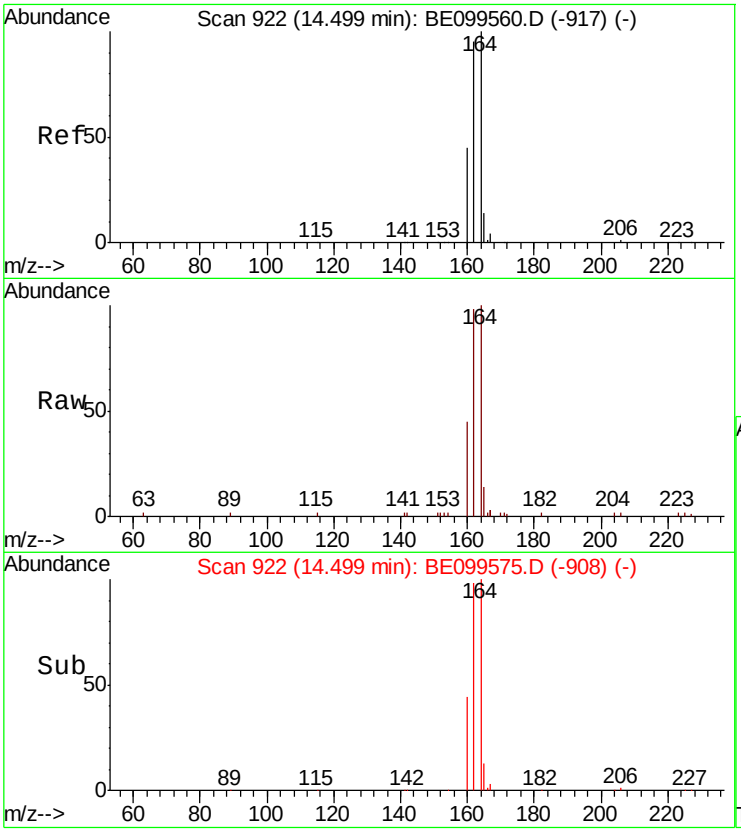


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:142 Resp: 4523

Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.1	102.1
115	40.8	30.8	46.2



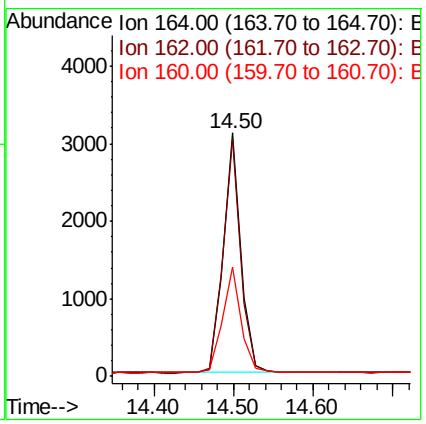


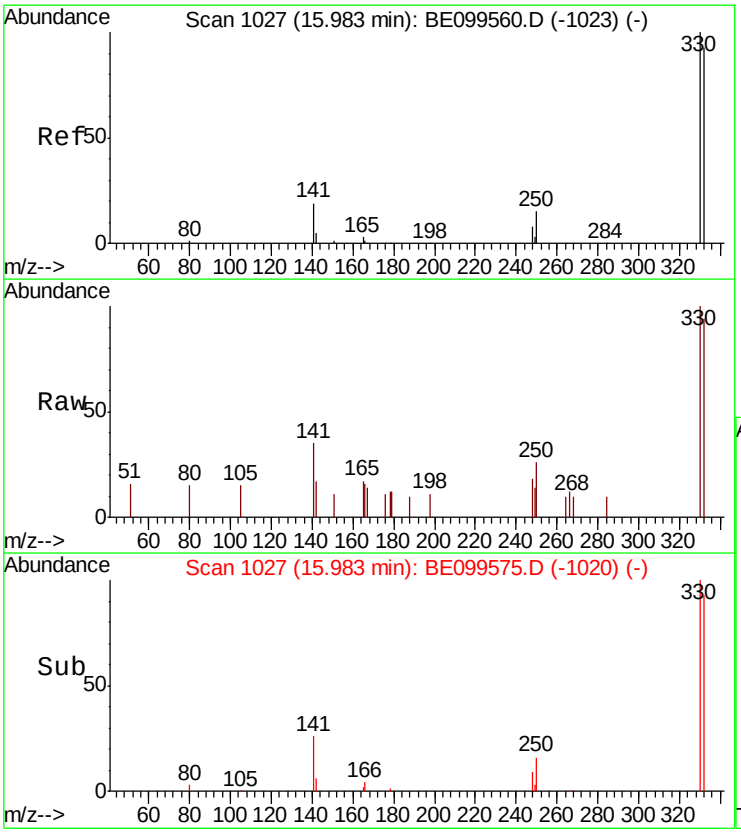
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4714

Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.4	114.6
160	44.8	36.6	55.0

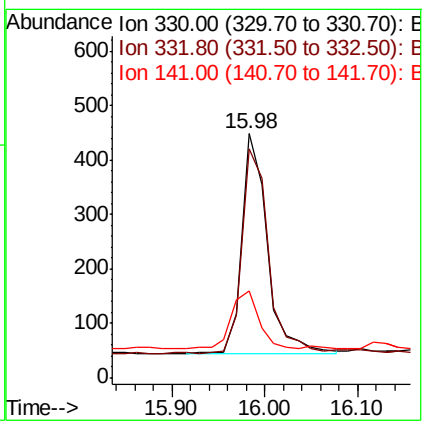


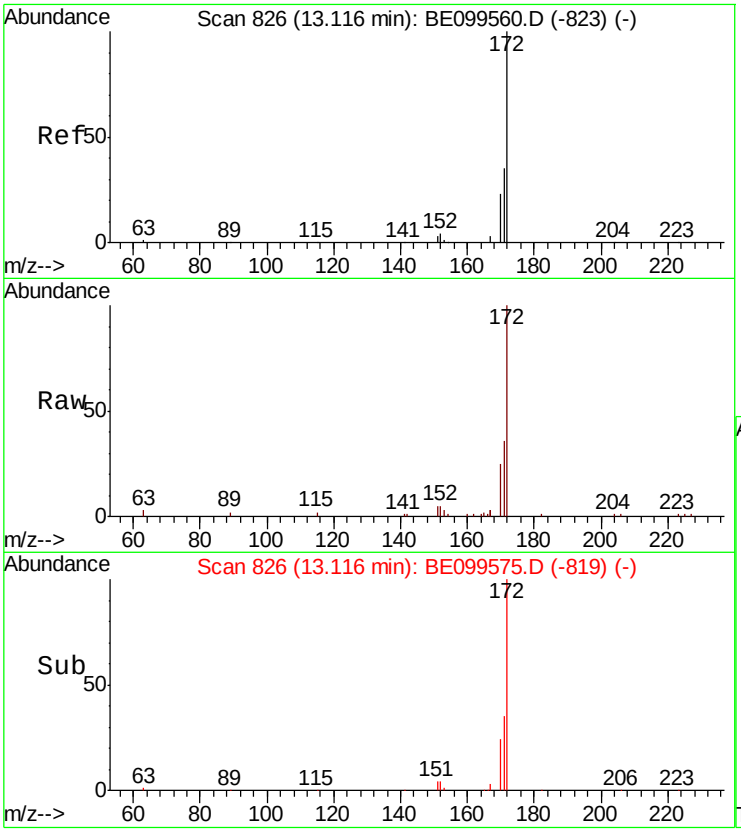


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:330 Resp: 761

Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.7	116.5
141	28.3	26.1	39.1



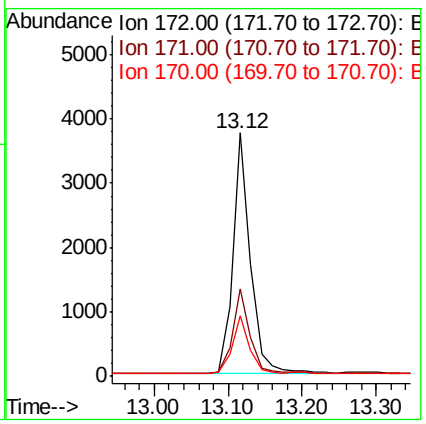


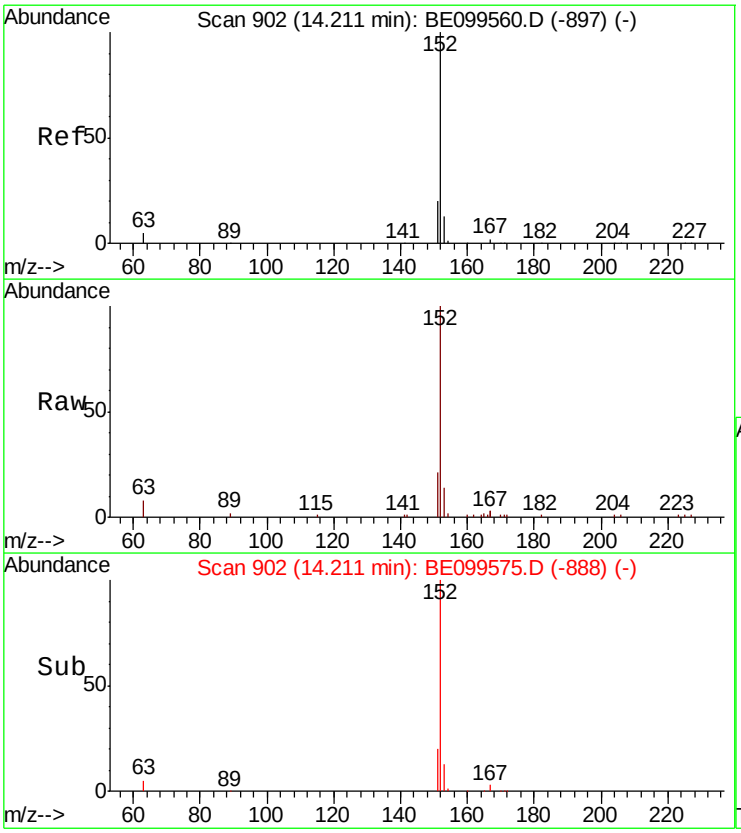
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6120

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.4	42.6
170	24.8	18.8	28.2

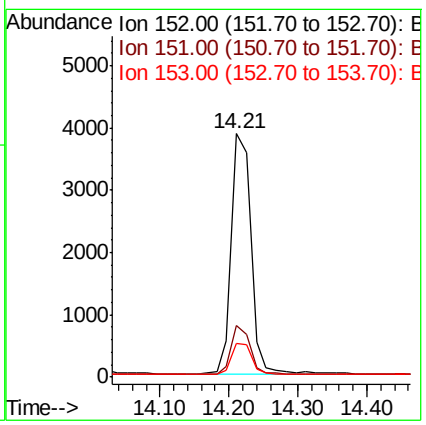


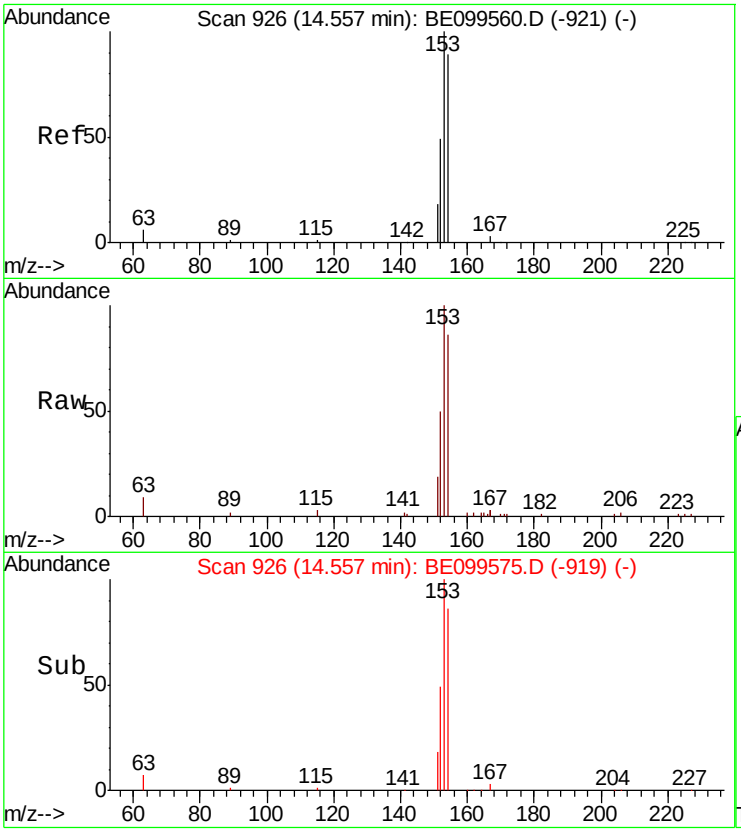


#16
Acenaphthylene
Concen: 0.334 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:152 Resp: 7607

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.2	10.5	15.7



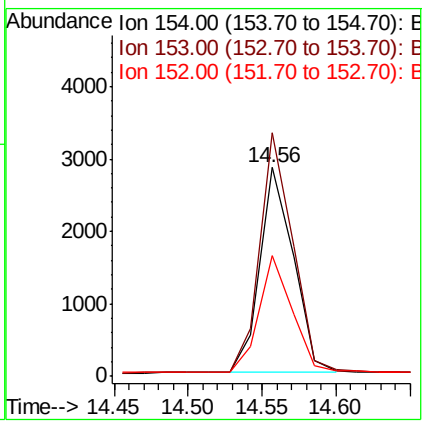


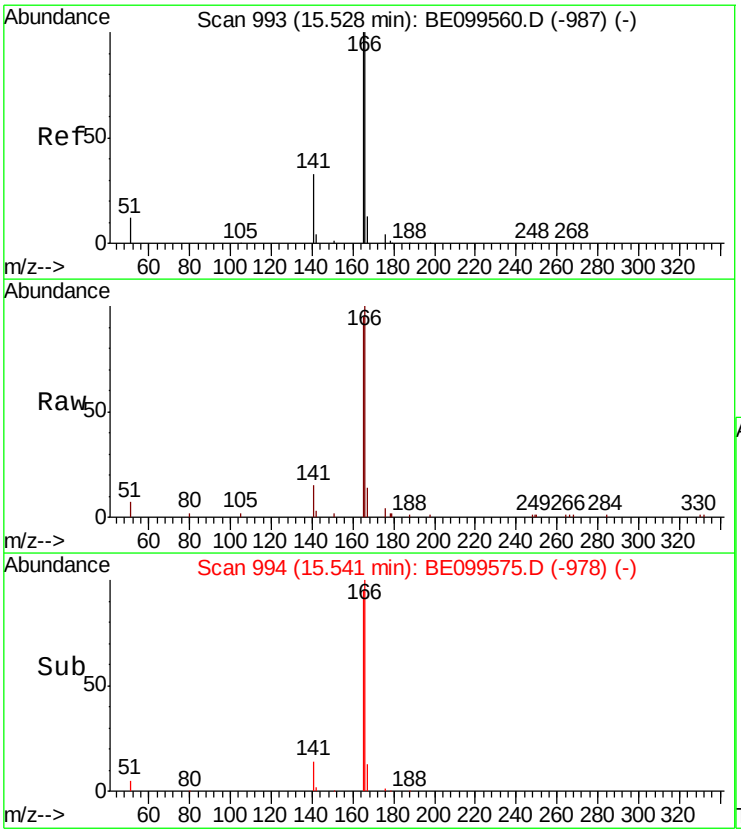
#17
Acenaphthene
Concen: 0.347 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4411

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.7	134.5
152	57.2	43.9	65.9

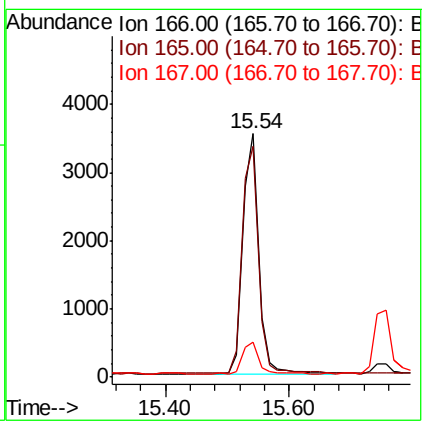


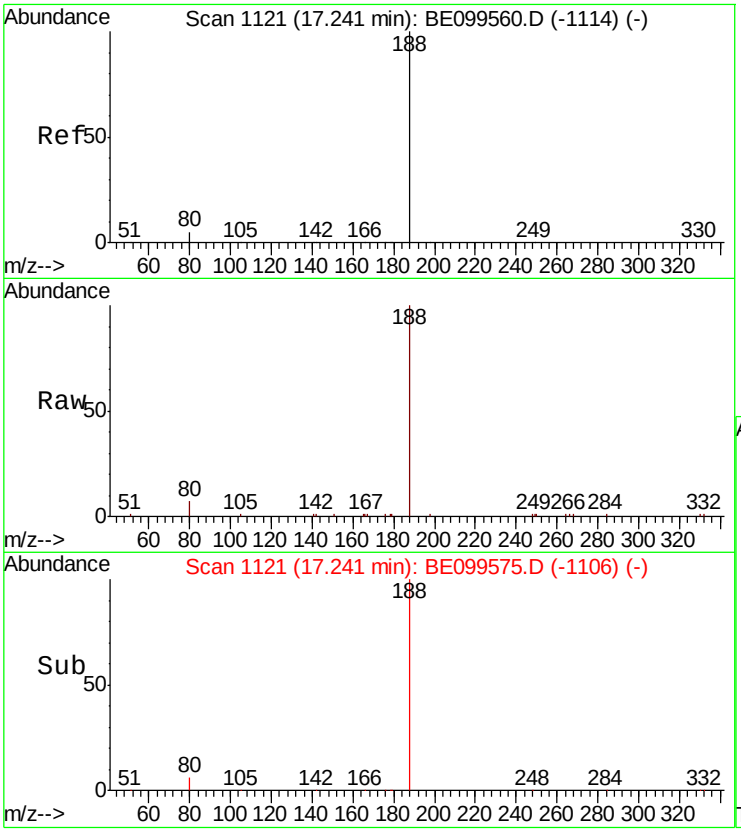


#18
Fluorene
Concen: 0.345 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:166 Resp: 6266

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	13.4	11.5	17.3



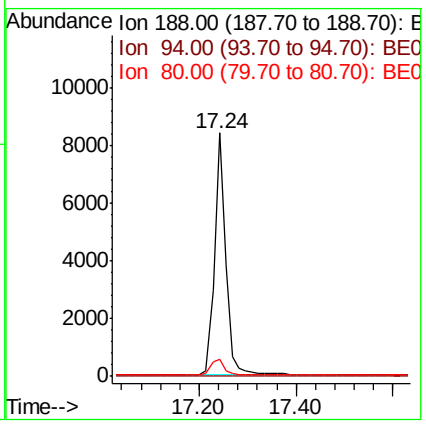


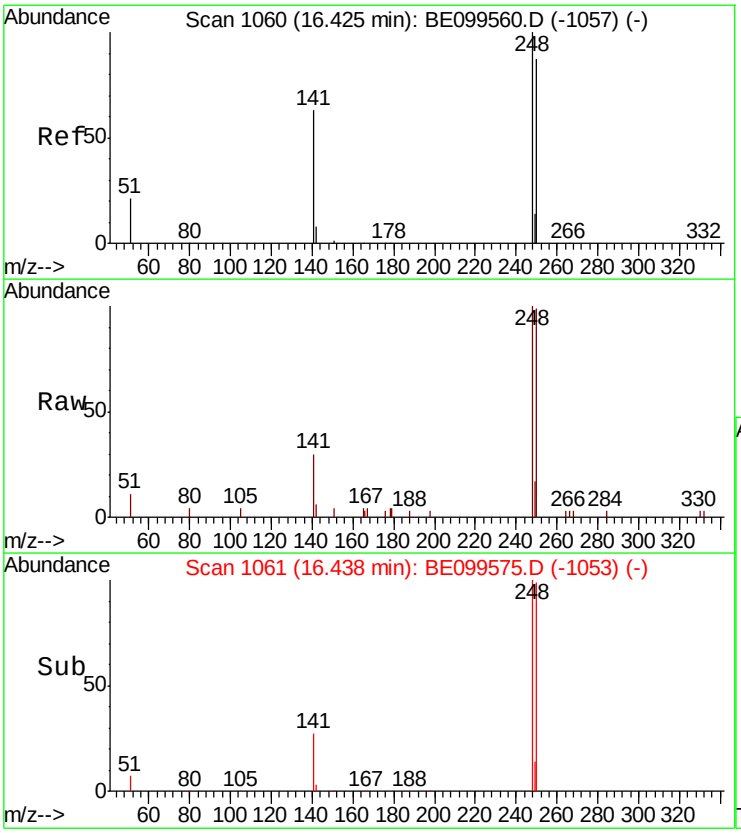
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 13473

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	4.6	7.0

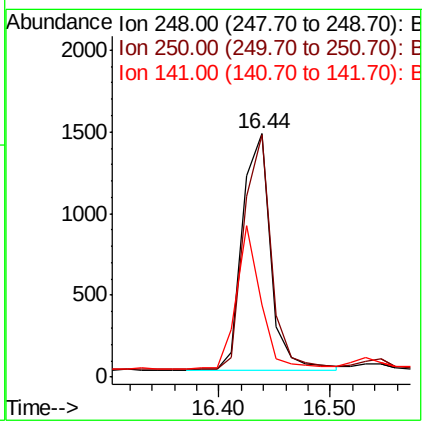


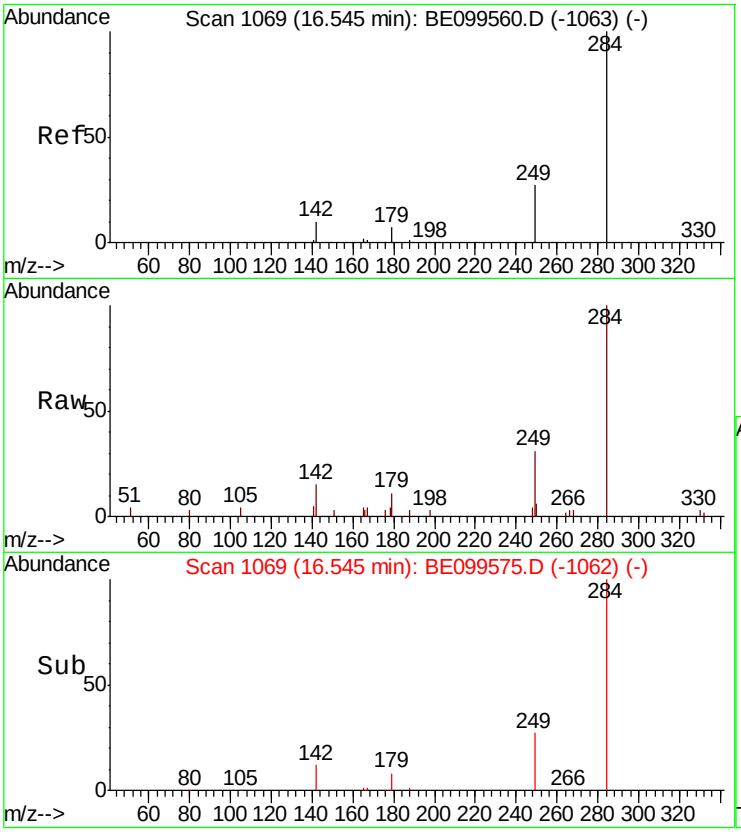


#20
4-Bromophenyl-phenylether
Concen: 0.333 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:248 Resp: 2552

Ion	Ratio	Lower	Upper
248	100		
250	99.3	70.0	105.0
141	29.7	51.8	77.8#



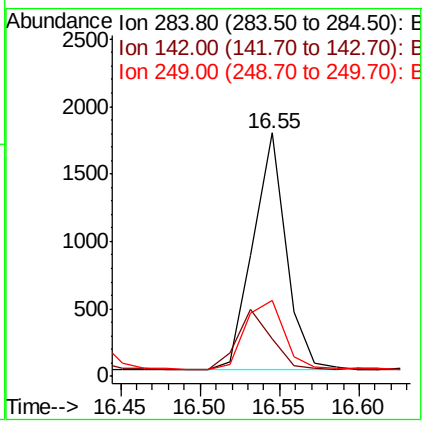


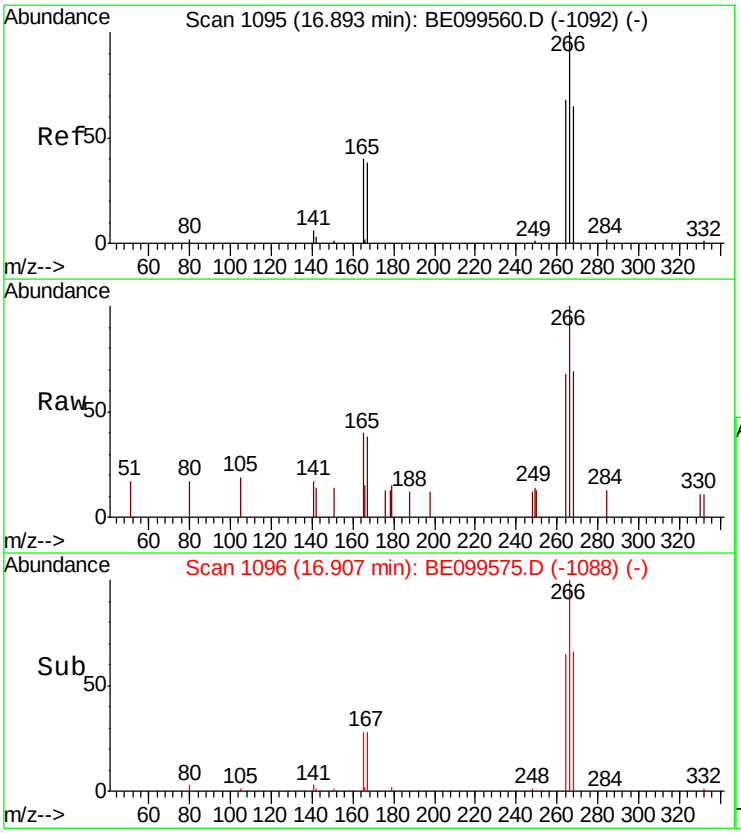
#21
Hexachlorobenzene
Concen: 0.333 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2538

Ion	Ratio	Lower	Upper
284	100		
142	26.2	19.5	29.3
249	33.9	26.2	39.2

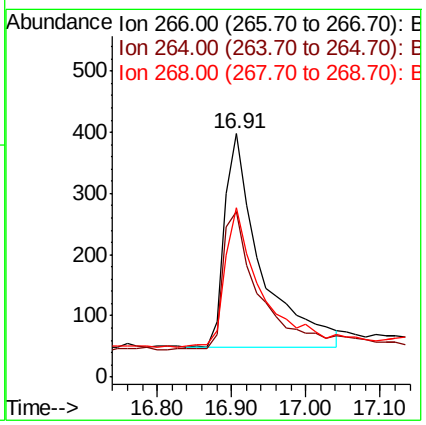


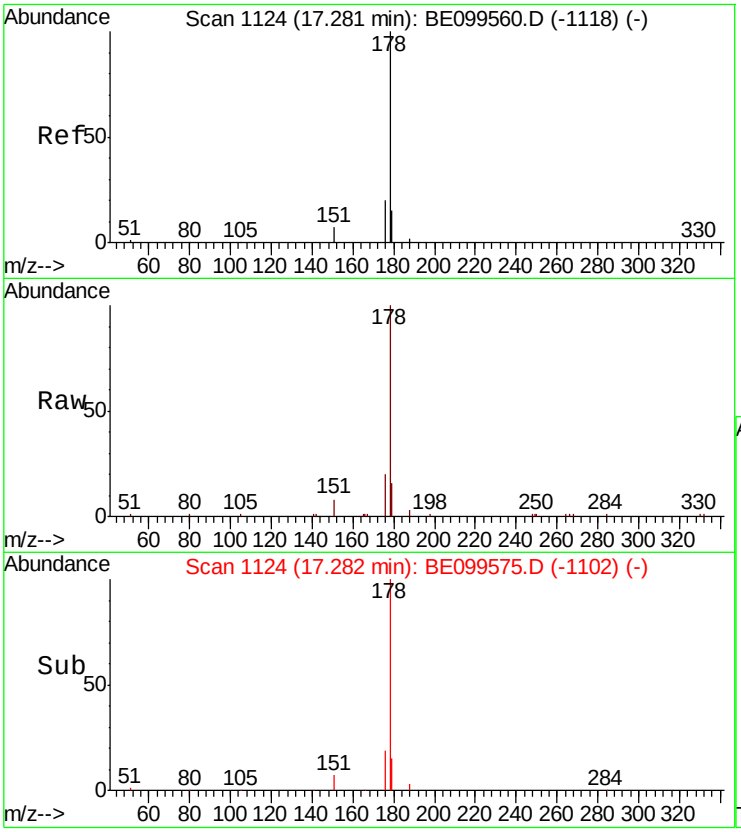


#22
Pentachlorophenol
Concen: 0.375 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:266 Resp: 1175

Ion	Ratio	Lower	Upper
266	100		
264	68.1	56.6	84.8
268	69.3	55.8	83.8



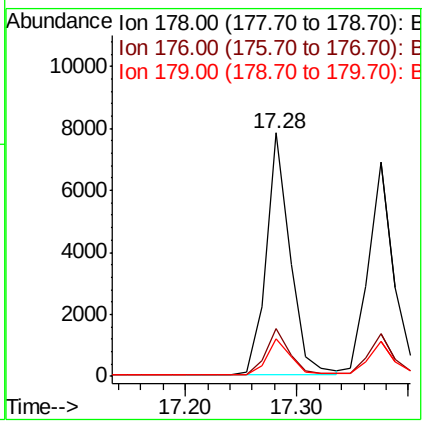


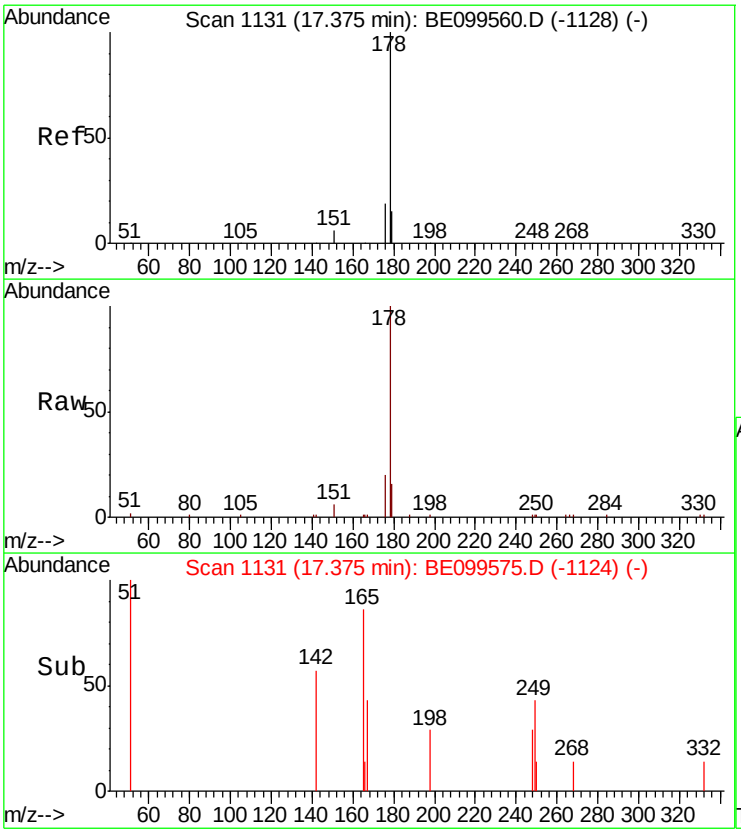
#23
Phenanthrene
Concen: 0.351 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11664

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.4	12.5	18.7

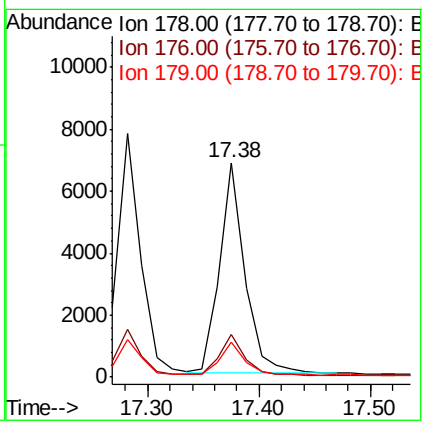


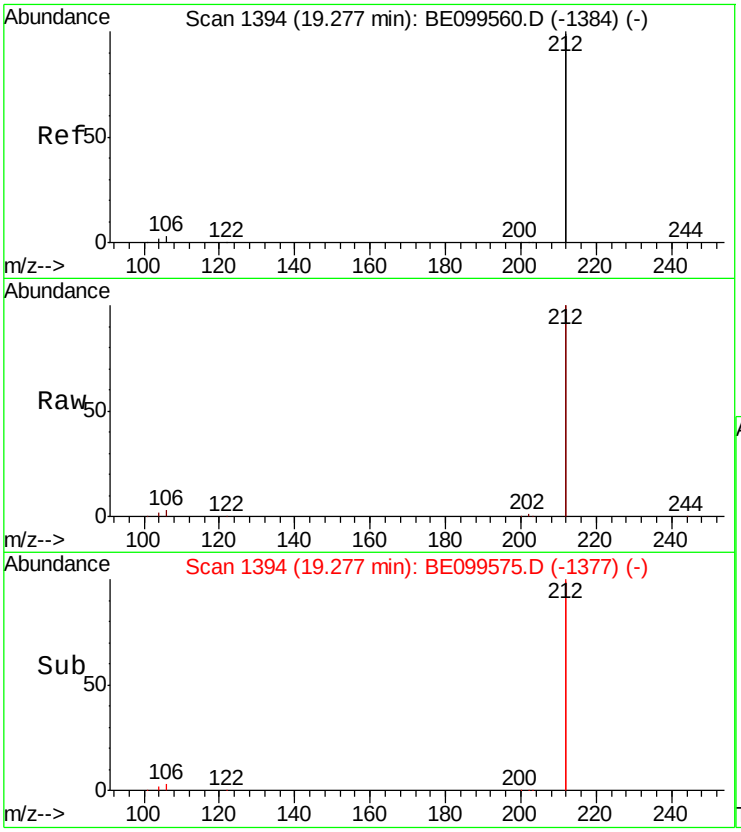


#24
Anthracene
Concen: 0.336 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:178 Resp: 10724

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.2	18.4



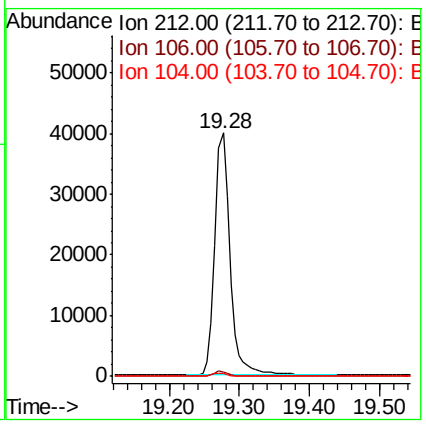


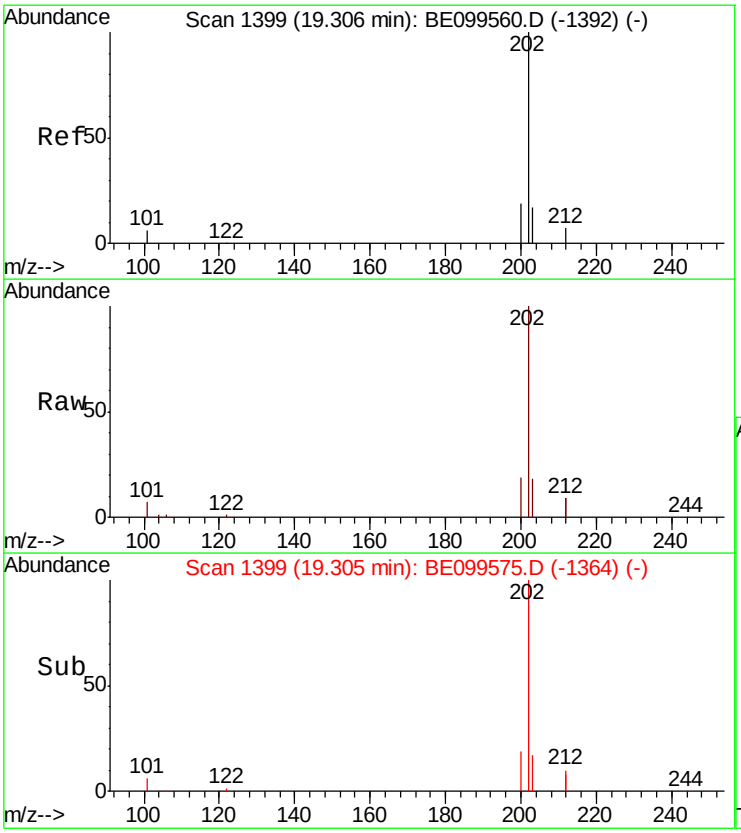
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 60107

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.1	0.8	1.2

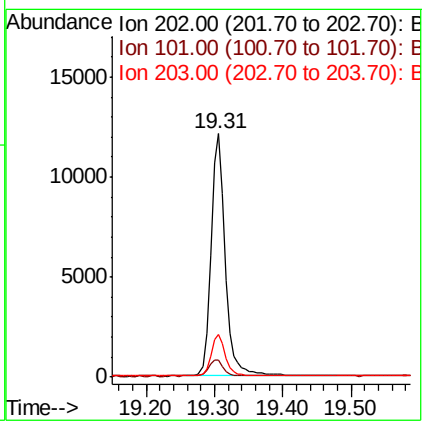


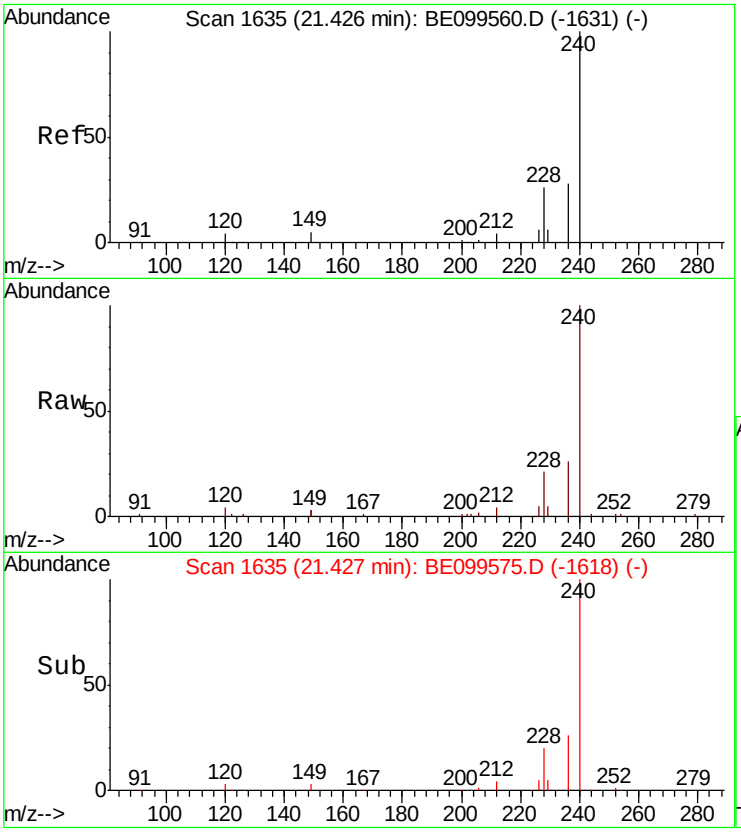


#26
Fluoranthene
Concen: 0.347 ng
RT: 19.31 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:202 Resp: 17746

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.3	7.9
203	16.9	13.4	20.2



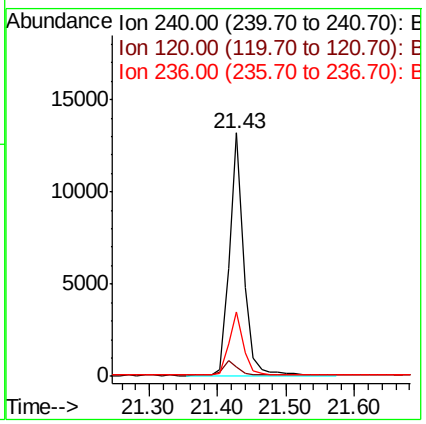


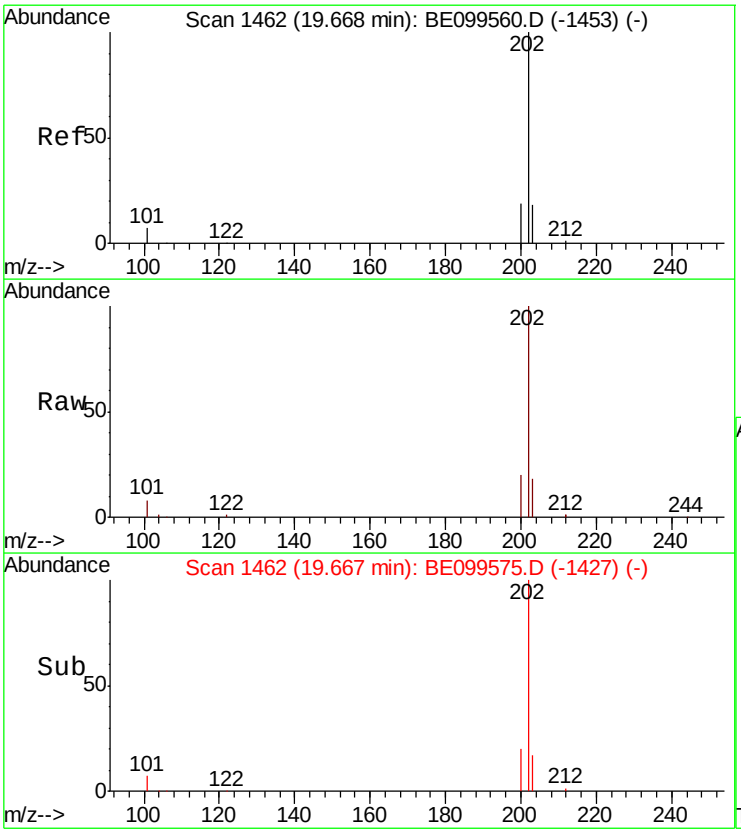
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 18917

Ion	Ratio	Lower	Upper
240	100		
120	3.7	3.8	5.6#
236	26.5	22.5	33.7

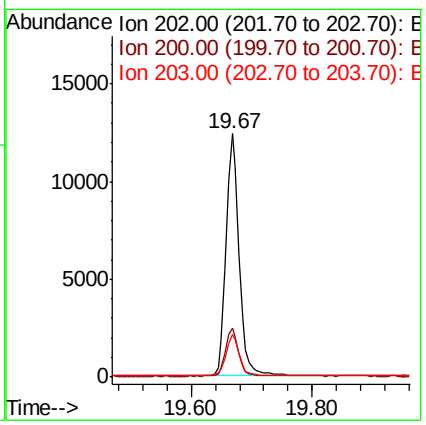


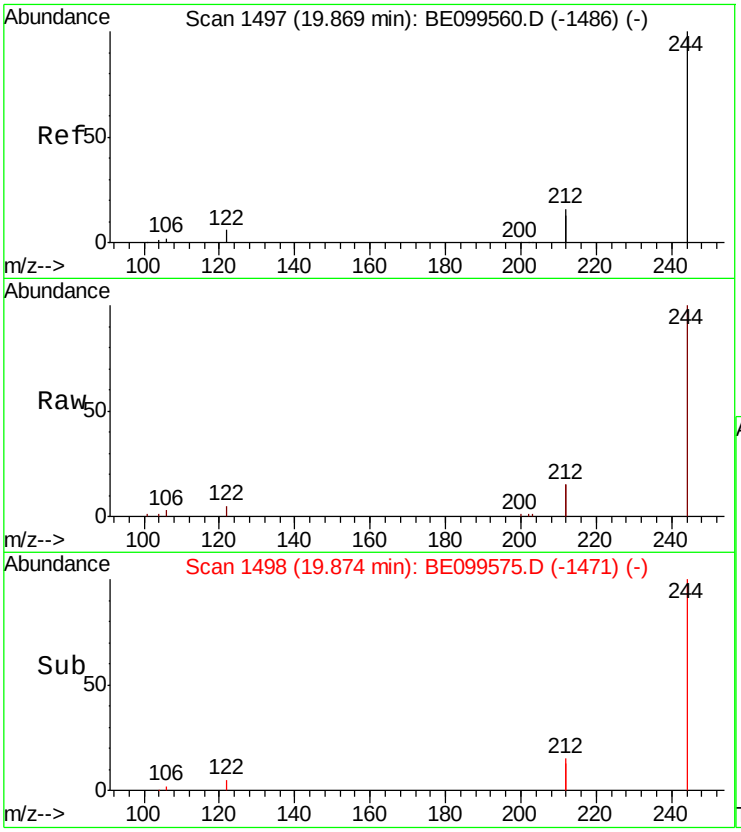


#28
Pyrene
Concen: 0.371 ng
RT: 19.67 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:202 Resp: 18789

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.6
203	17.6	14.1	21.1



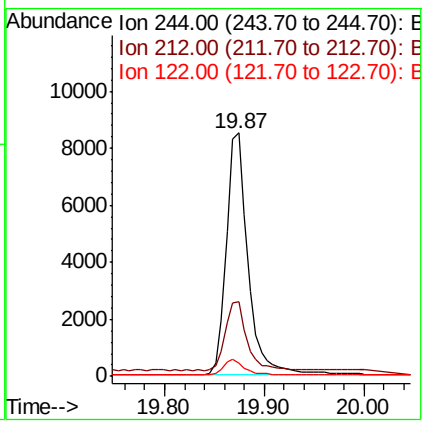


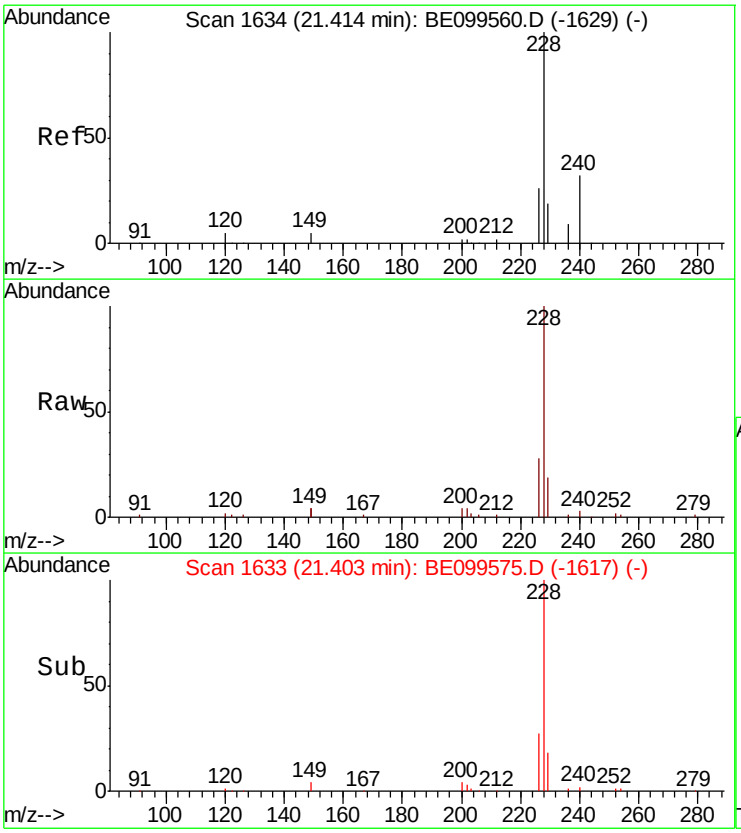
#29
Terphenyl-d14
Concen: 0.366 ng
RT: 19.87 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12834

Ion	Ratio	Lower	Upper
244	100		
212	30.4	24.6	37.0
122	5.5	5.0	7.6

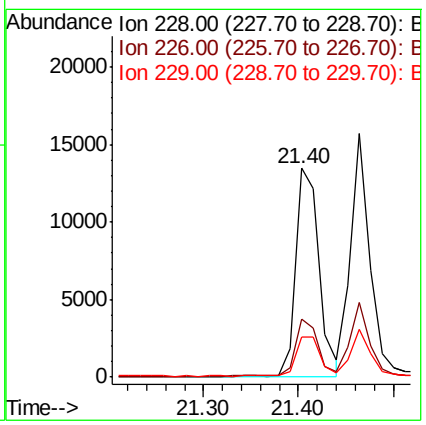


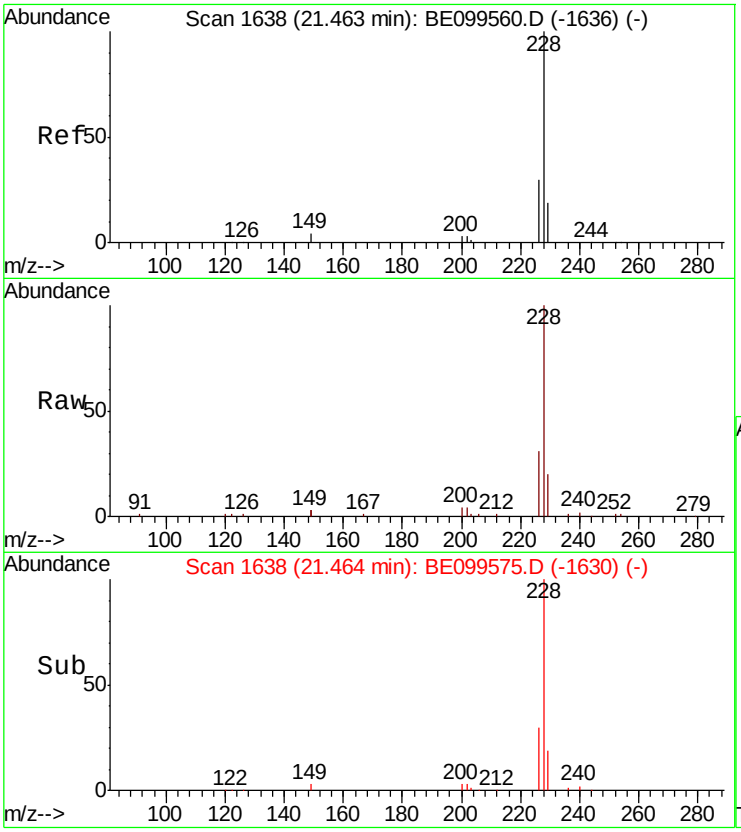


#30
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:228 Resp: 22596

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.9	31.3
229	18.9	16.1	24.1



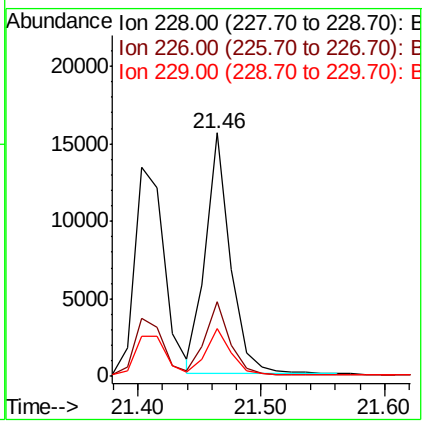


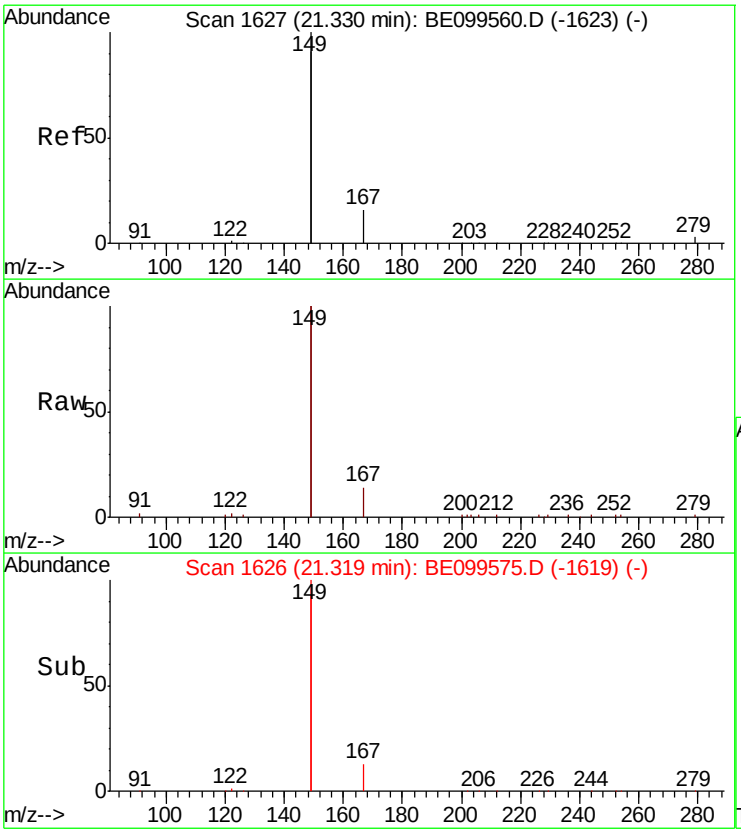
#31
Chrysene
Concen: 0.376 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21726

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.7	15.8	23.6

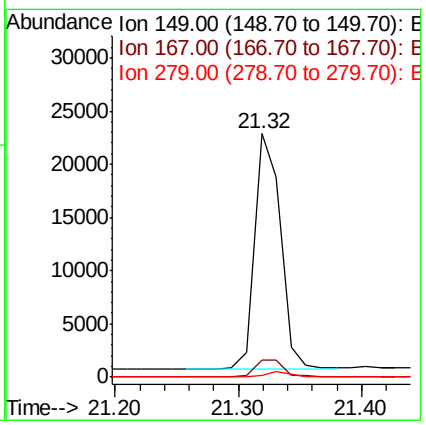


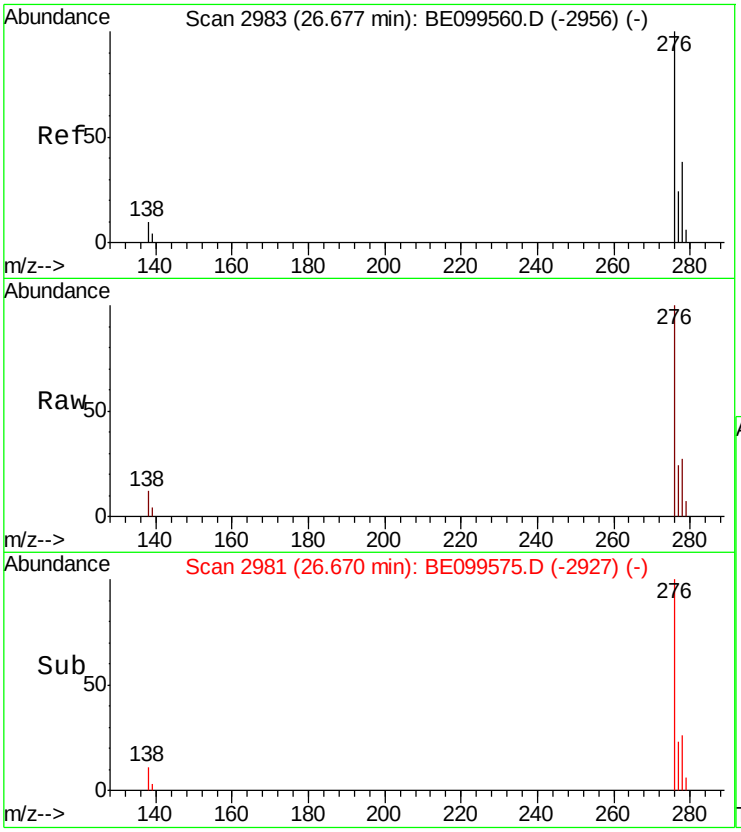


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:149 Resp: 32504

Ion	Ratio	Lower	Upper
149	100		
167	7.1	6.1	9.1
279	1.4	1.3	1.9



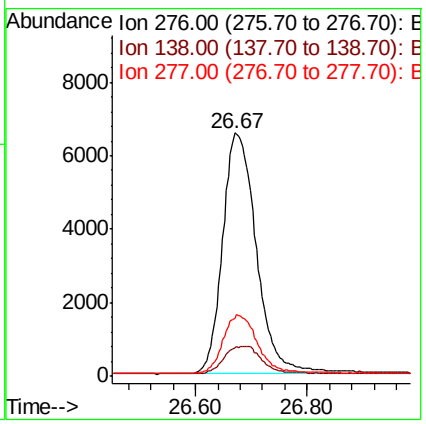


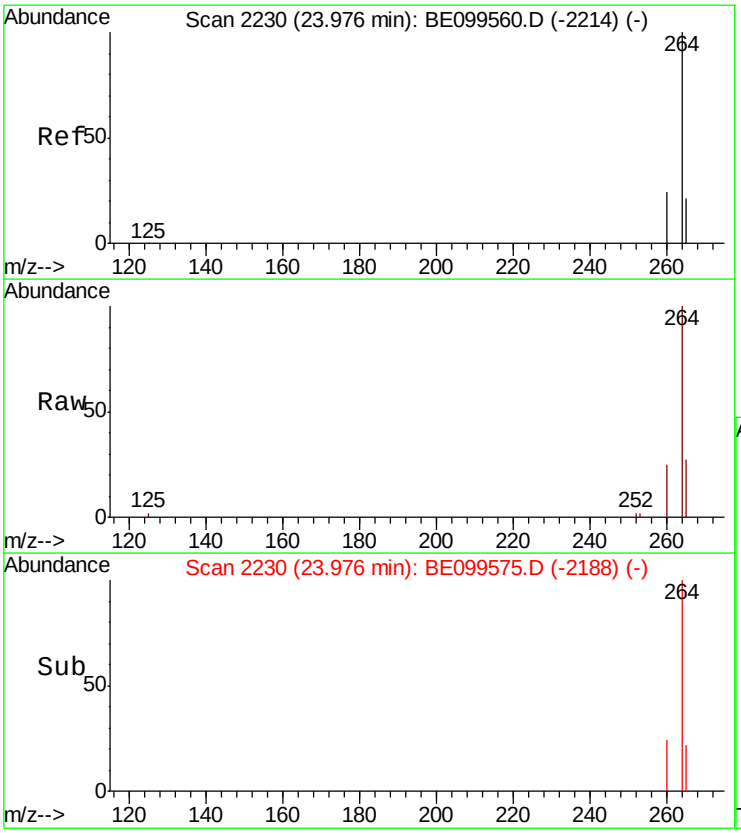
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.67 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 27647

Ion	Ratio	Lower	Upper
276	100		
138	5.2	9.5	14.3#
277	24.3	19.7	29.5

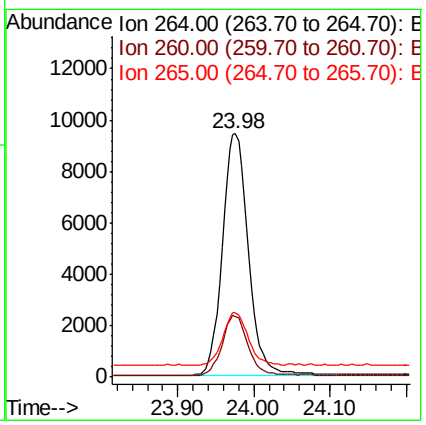


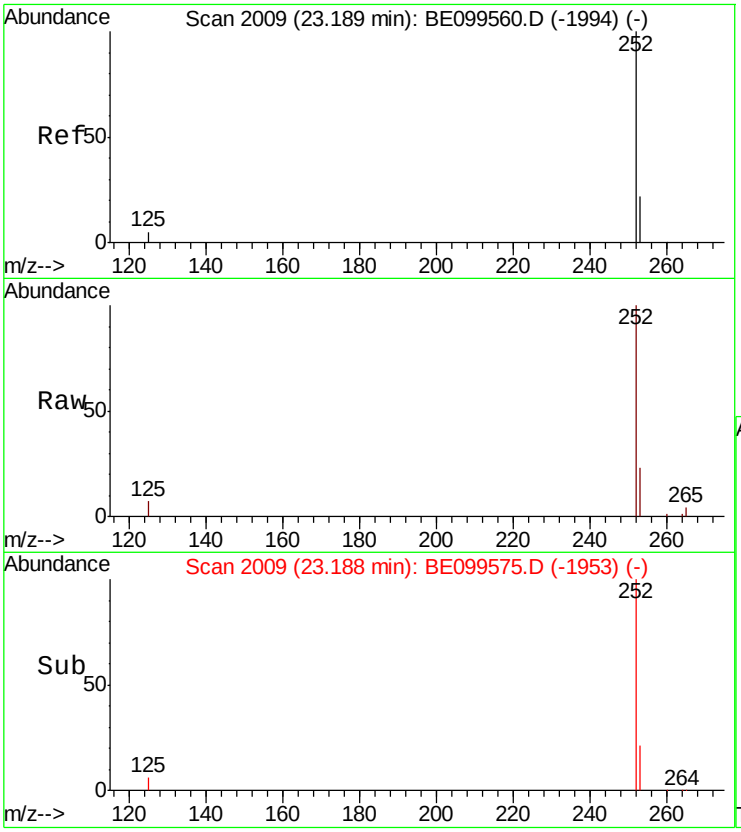


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:264 Resp: 22251

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	26.6	22.2	33.2



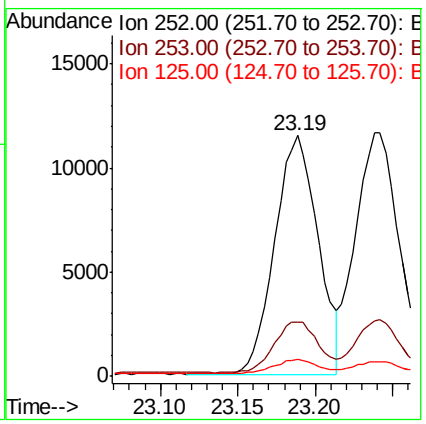


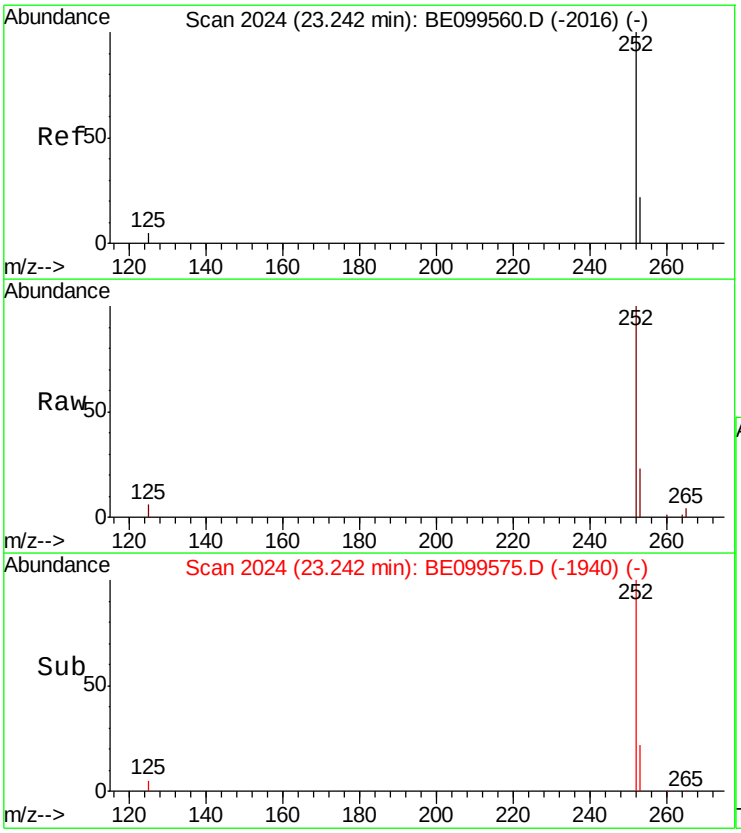
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22154

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.4
125	7.3	5.8	8.6

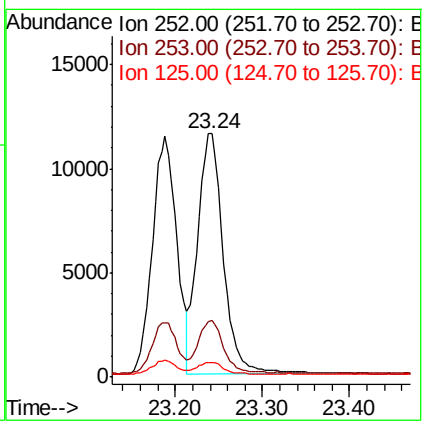


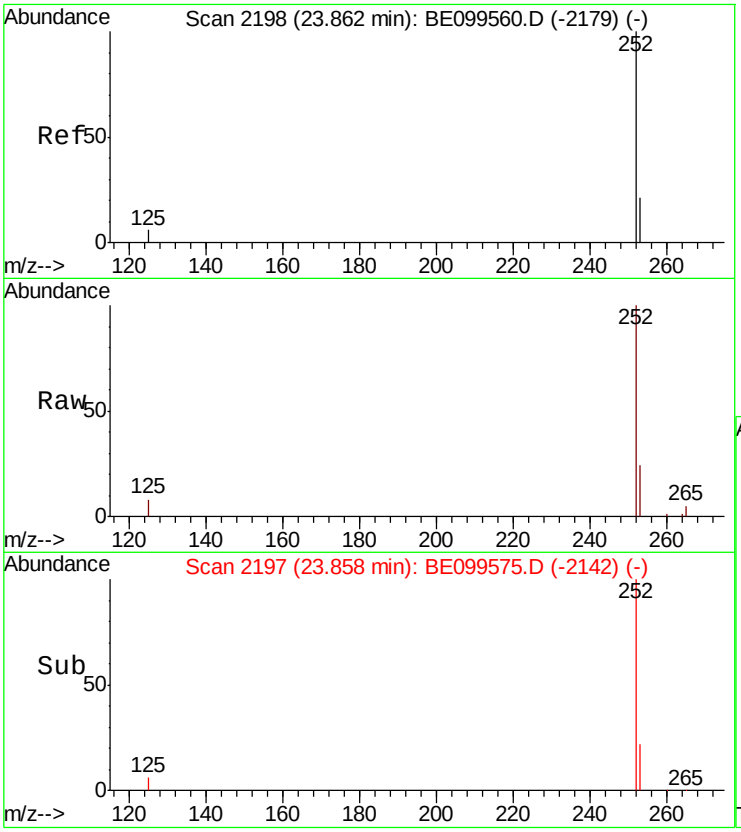


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.24 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:252 Resp: 23584

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.1	28.7
125	5.9	5.8	8.6



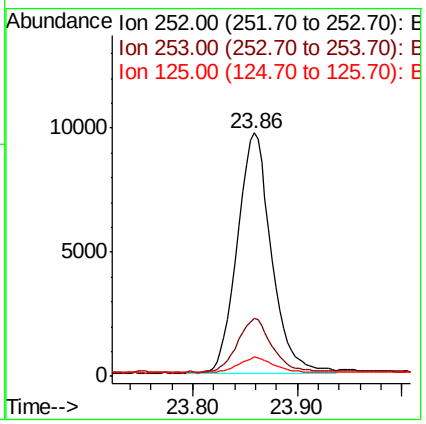


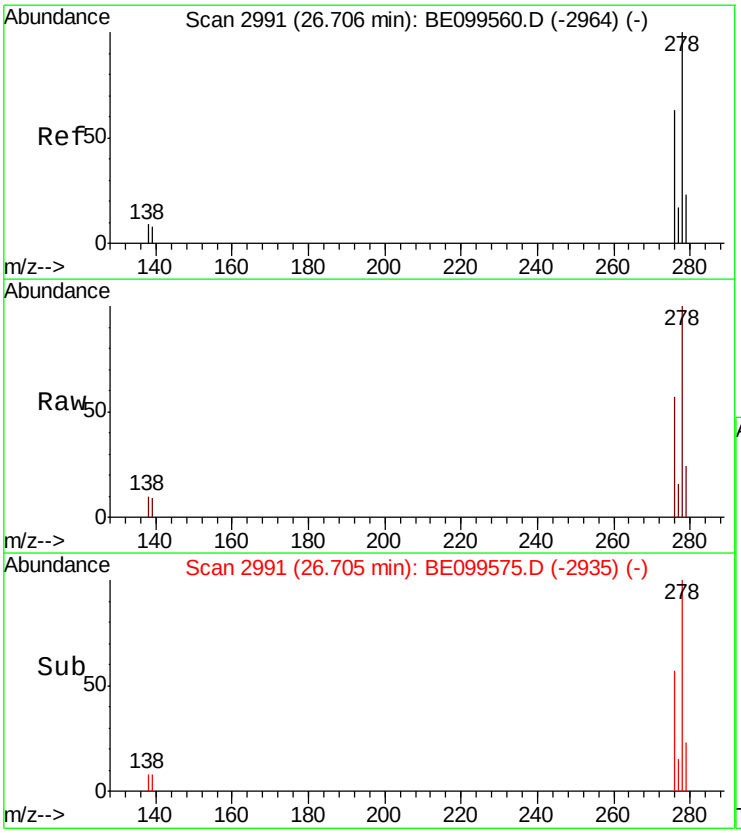
#37
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21956

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	7.9	6.6	9.8

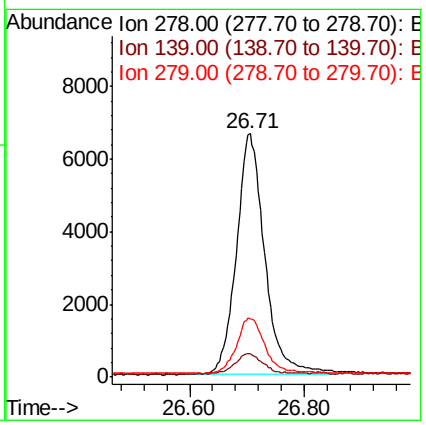


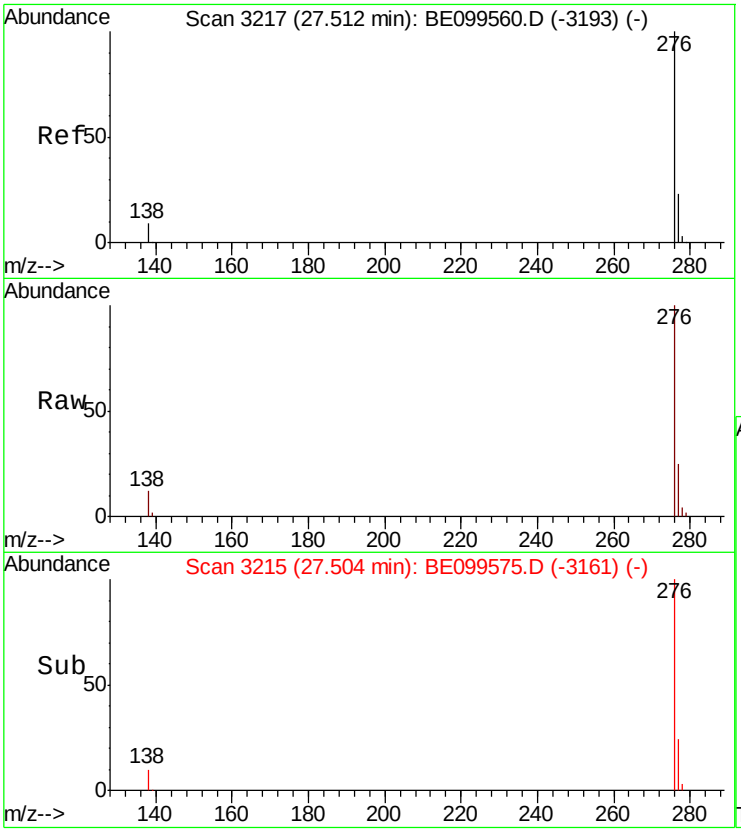


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 26.71 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Tgt Ion:278 Resp: 22785

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.7	11.5
279	24.0	21.0	31.4





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.50 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BE099575.D
Acq: 8 May 2019 10:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23399

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	11.6	8.6	12.8