Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
Data File : BE099542.D
Acq On : 3 May 2019 22:32
Operator : JU/SJ
Sample : K2568-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-025-SW028-042219

Quant Time: May 03 23:38:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2251	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8910	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7208	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	20291	0.40	ng		0.01
27) Chrysene-d12	21.38	240	23924	0.40	ng		0.01
34) Perylene-d12	23.88	264	28102	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1777	0.29	ng		0.00
5) Phenol-d6	6.97	99	2479	0.30	ng		0.00
8) Nitrobenzene-d5	8.97	82	2142	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	4162	0.26	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	1401	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	6264	0.23	ng		0.00
25) Fluoranthene-d10	19.23	212	59230	0.22	ng		0.01
29) Terphenyl-d14	19.82	244	13353	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	66	0.021	ng	#	27
3) n-Nitrosodimethylamine	3.66	42	53	0.028	ng	#	6
9) Naphthalene	10.65	128	2112	0.022	ng	#	91
12) 2-Methylnaphthalene	12.28	142	442	0.026	ng	#	80
16) Acenaphthylene	14.18	152	2577	0.073	ng		97
17) Acenaphthene	14.53	154	567	0.028	ng		93
18) Fluorene	15.50	166	1695	0.057	ng	#	95
22) Pentachlorophenol	16.85	266	103	0.231	ng	#	69
23) Phenanthrene	17.24	178	54626	1.043	ng		99
24) Anthracene	17.33	178	3704	0.074	ng	#	87
26) Fluoranthene	19.26	202	236209	3.012	ng		99
28) Pyrene	19.62	202	203967	3.271	ng	#	95
30) Benzo(a)anthracene	21.35	228	106655	1.399	ng		97
31) Chrysene	21.41	228	150225	2.014	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	88146	0.748	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	85933	0.975	ng	#	94
35) Benzo(b)fluoranthene	23.11	252	204624	2.525	ng		98
36) Benzo(k)fluoranthene	23.11	252	204624	2.619	ng		98
37) Benzo(a)pyrene	23.77	252	115209	1.504	ng		99
38) Dibenzo(a,h)anthracene	26.56	278	17898	0.228	ng	#	75
39) Benzo(g,h,i)perylene	27.37	276	82557	1.052	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
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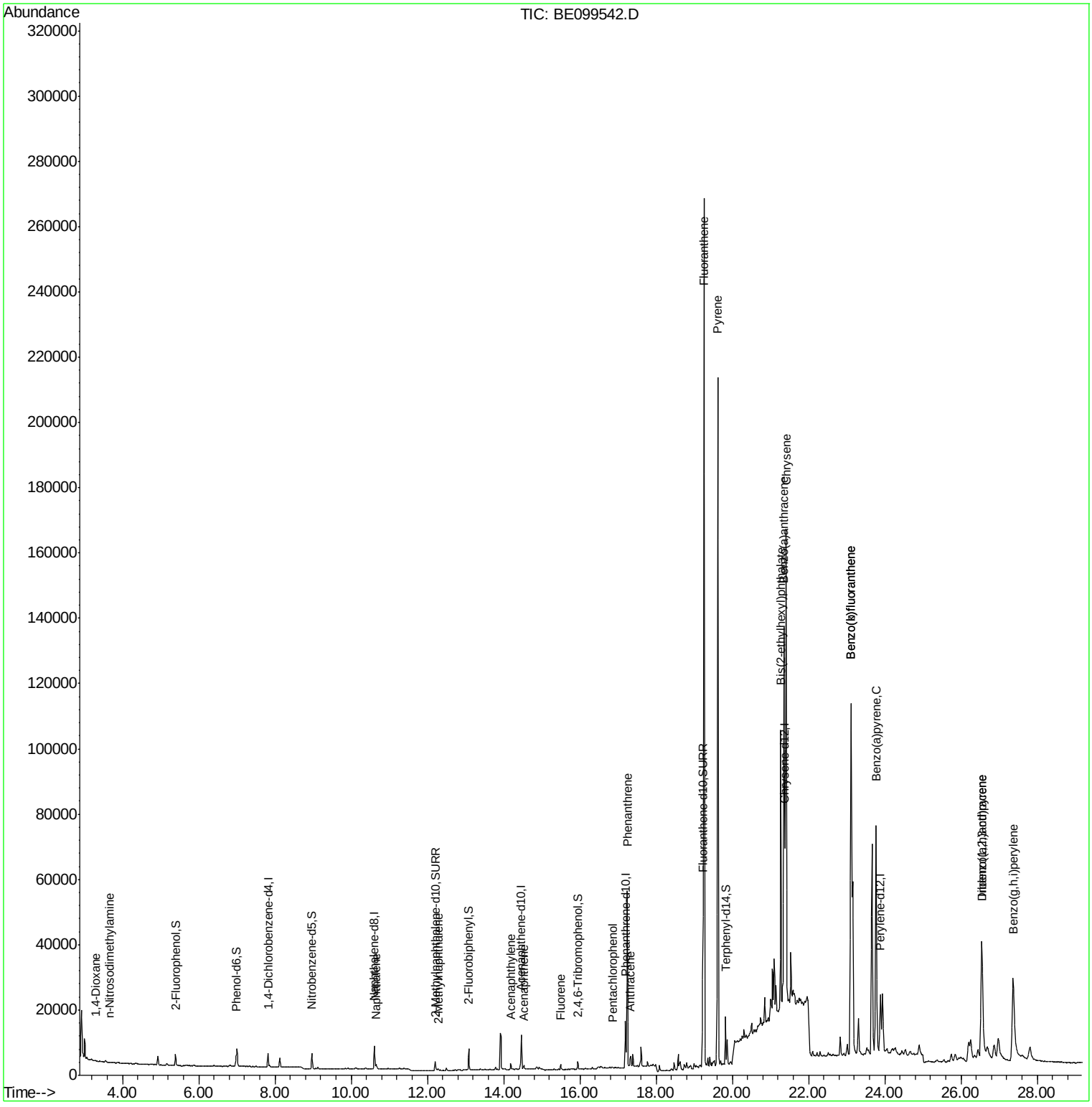
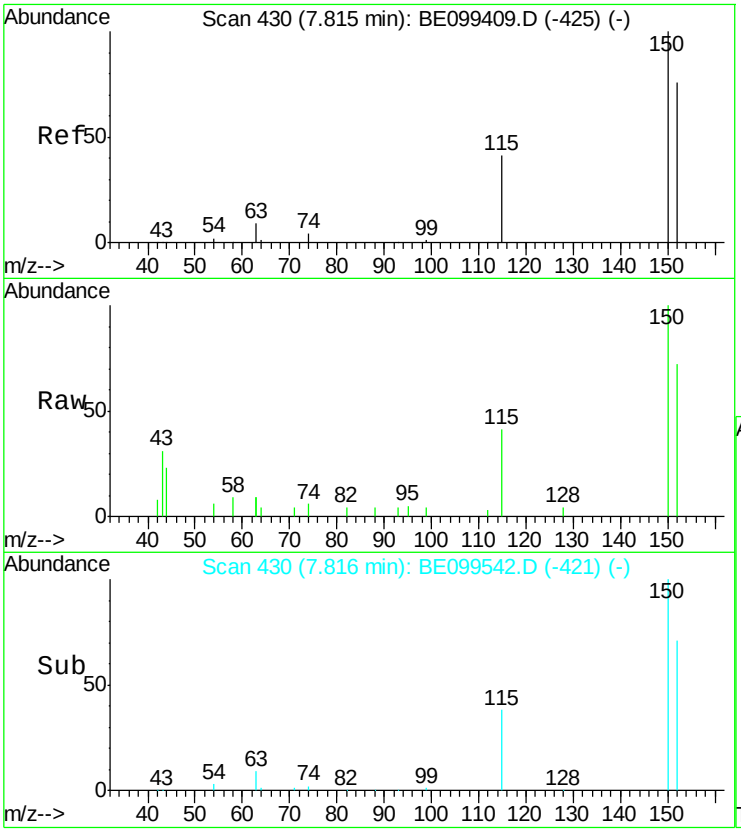
Acq On : 3 May 2019 22:32
Operator : JU/SJ
Sample : K2568-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Quant Time: May 03 23:38:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



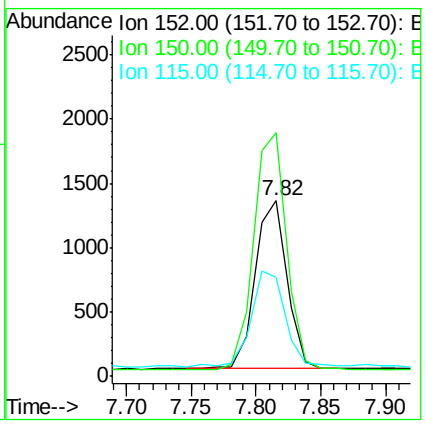


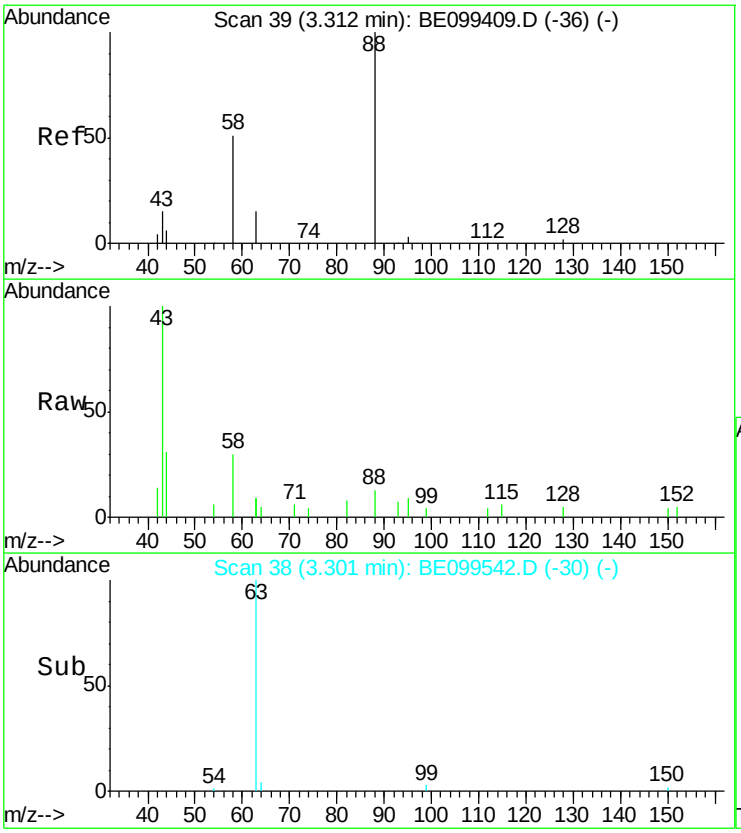
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:152 Resp: 2251

Ion	Ratio	Lower	Upper
152	100		
150	138.8	104.8	157.2
115	56.5	46.6	69.8

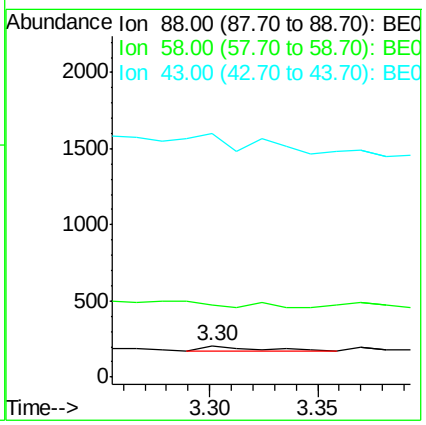


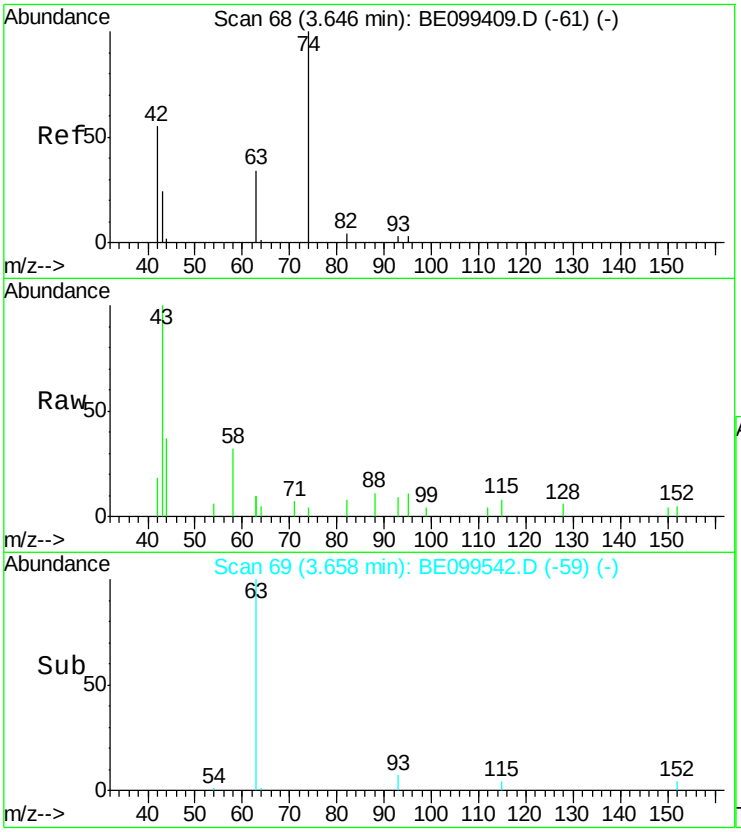


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.0	76.6#
43	0.0	20.6	30.8#



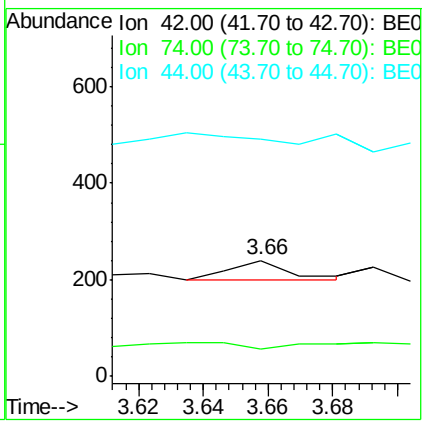


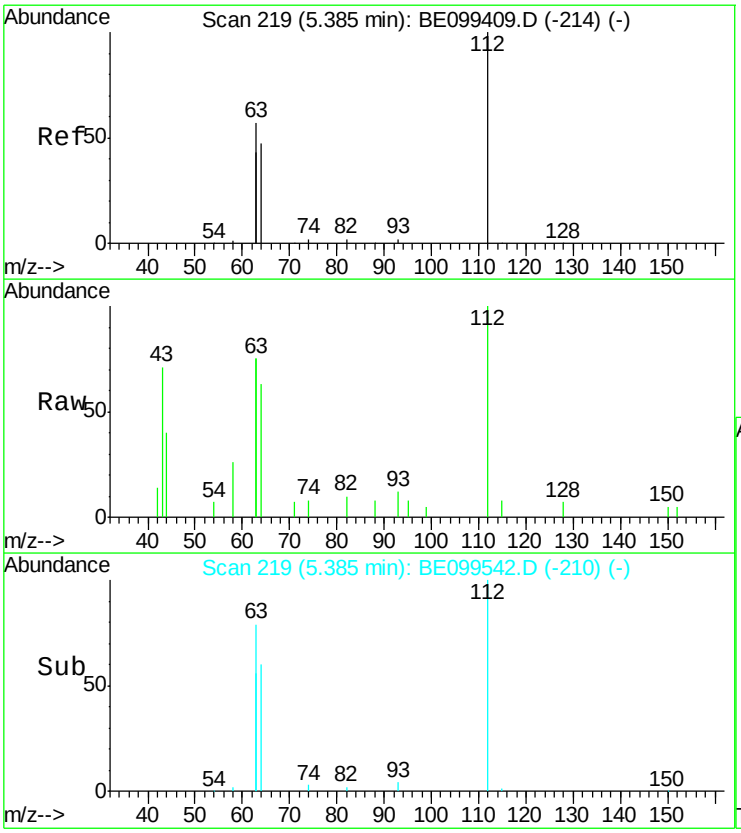
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion: 42 Resp: 53

Ion	Ratio	Lower	Upper
42	100		
74	45.3	141.6	212.4#
44	0.0	0.0	0.0

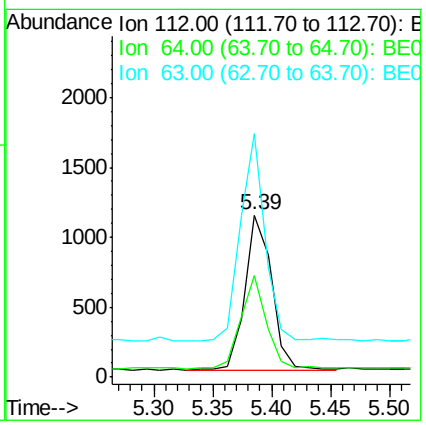


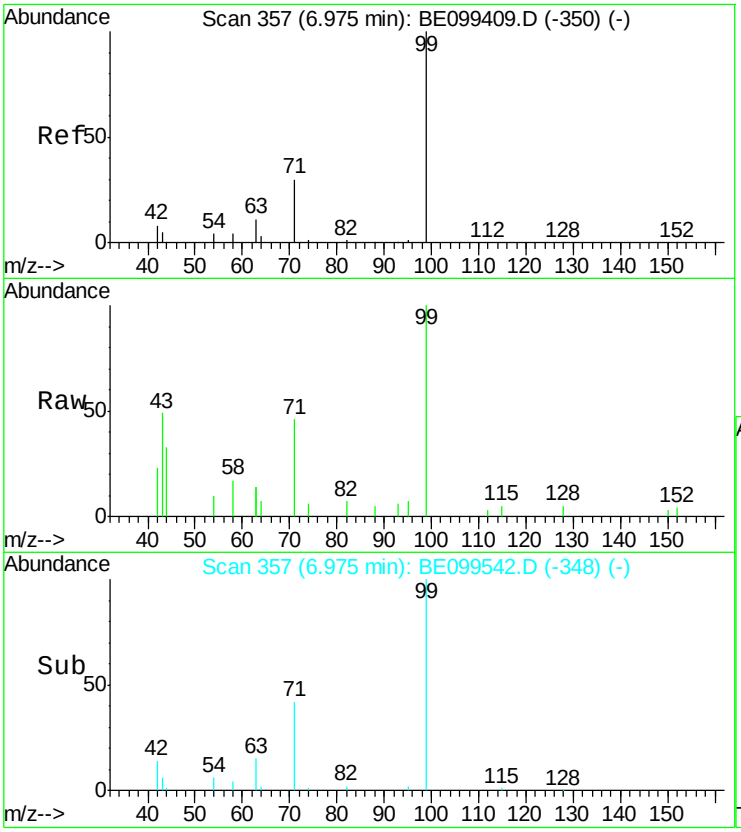


#4
2-Fluorophenol
Concen: 0.286 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:112 Resp: 1777

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.4	71.0
63	120.8	104.3	156.5



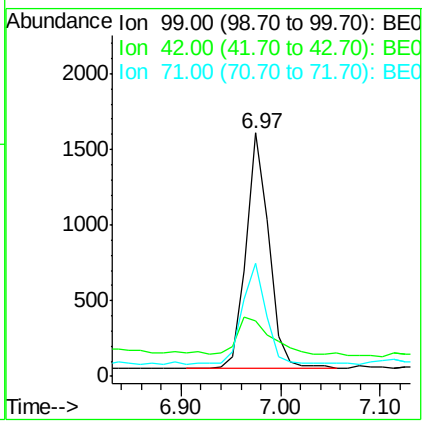


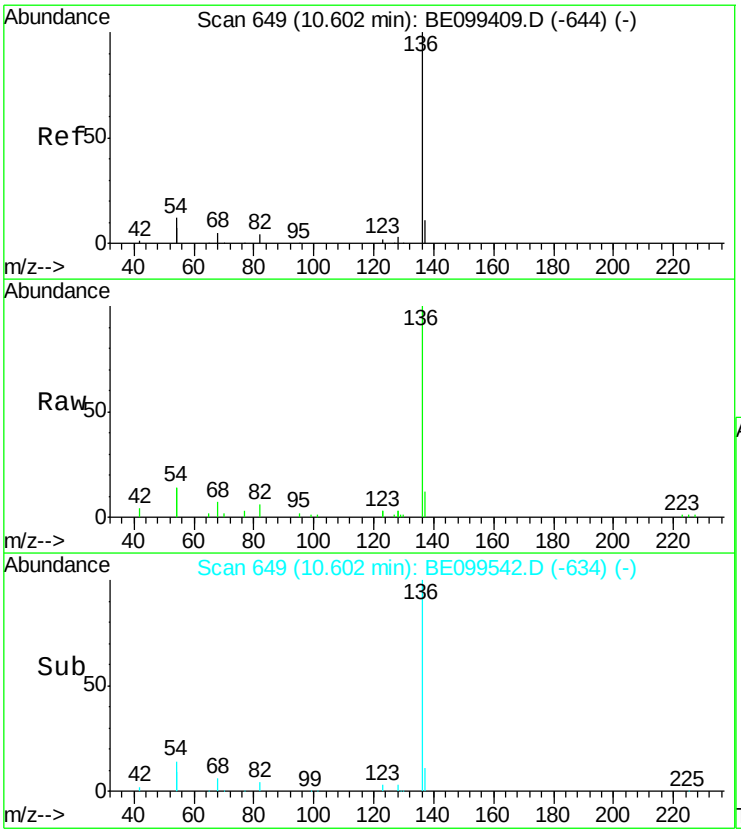
#5
Phenol-d6
Concen: 0.299 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion: 99 Resp: 2479

Ion	Ratio	Lower	Upper
99	100		
42	29.7	14.9	22.3#
71	45.2	33.0	49.6

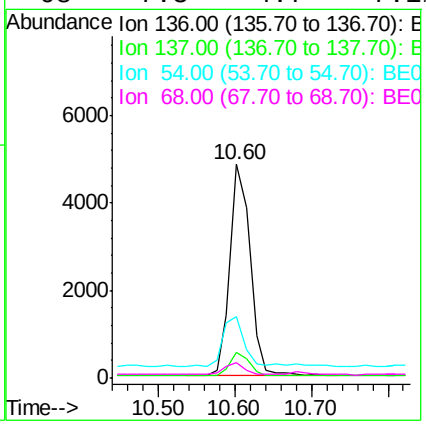


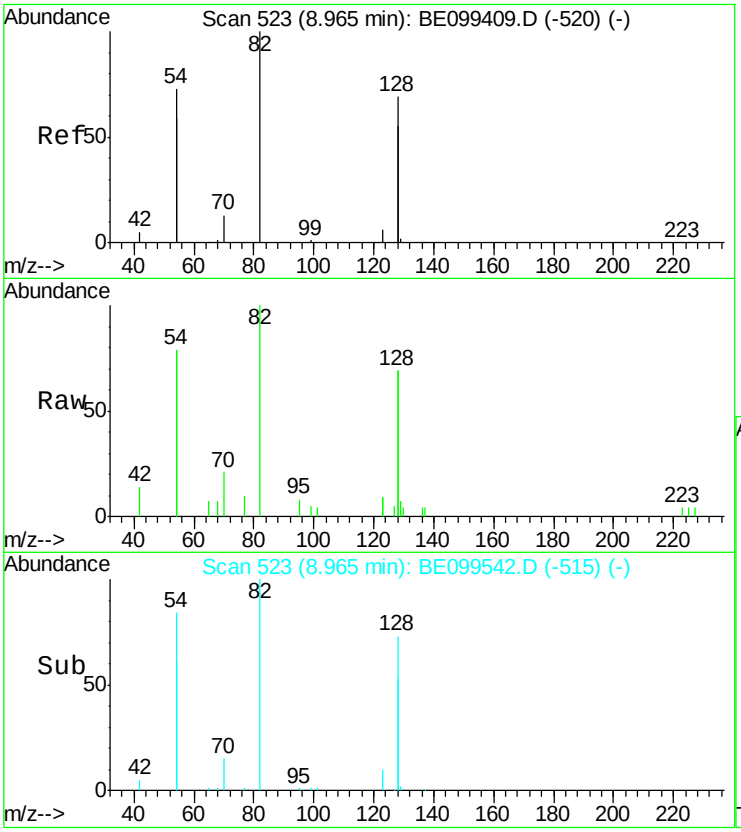


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:136 Resp: 8910

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	28.6	18.5	27.7#
68	7.3	4.7	7.1#



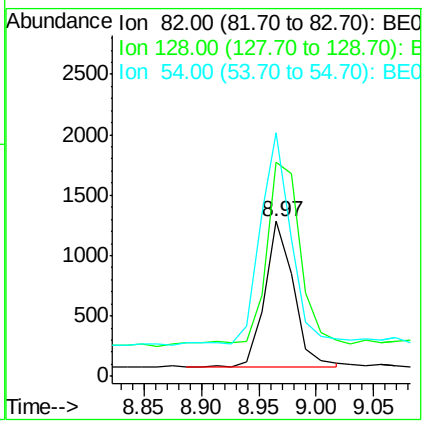


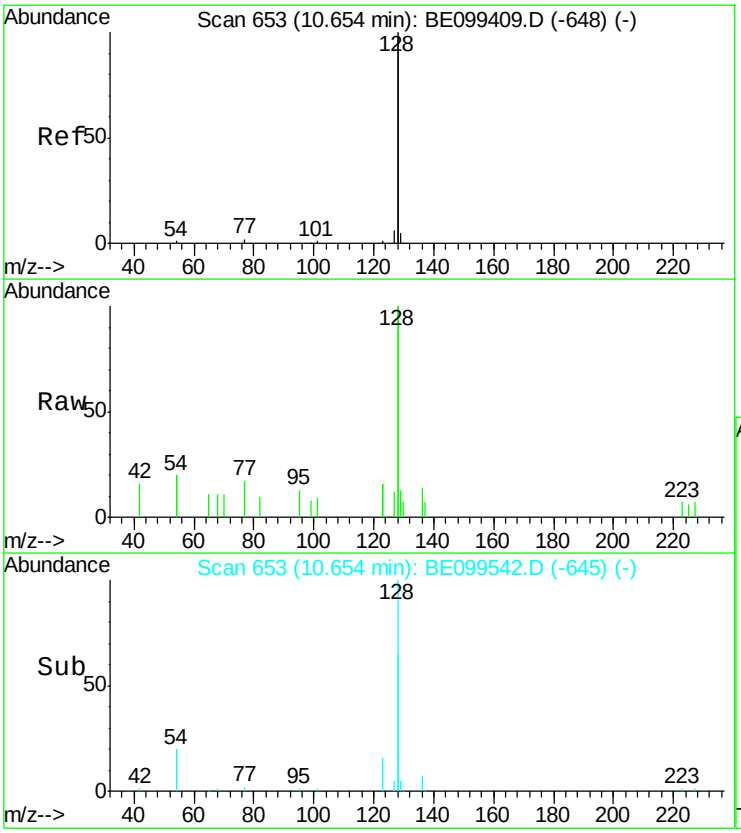
#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion: 82 Resp: 2142

Ion	Ratio	Lower	Upper
82	100		
128	138.2	107.0	160.4
54	157.4	113.1	169.7

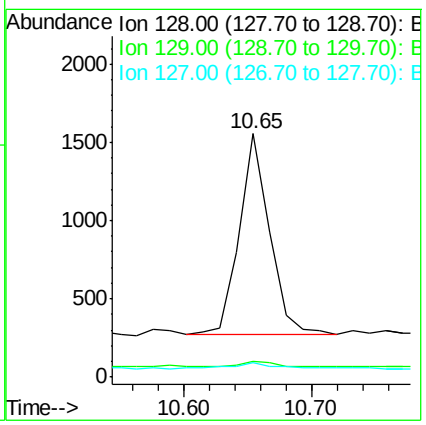


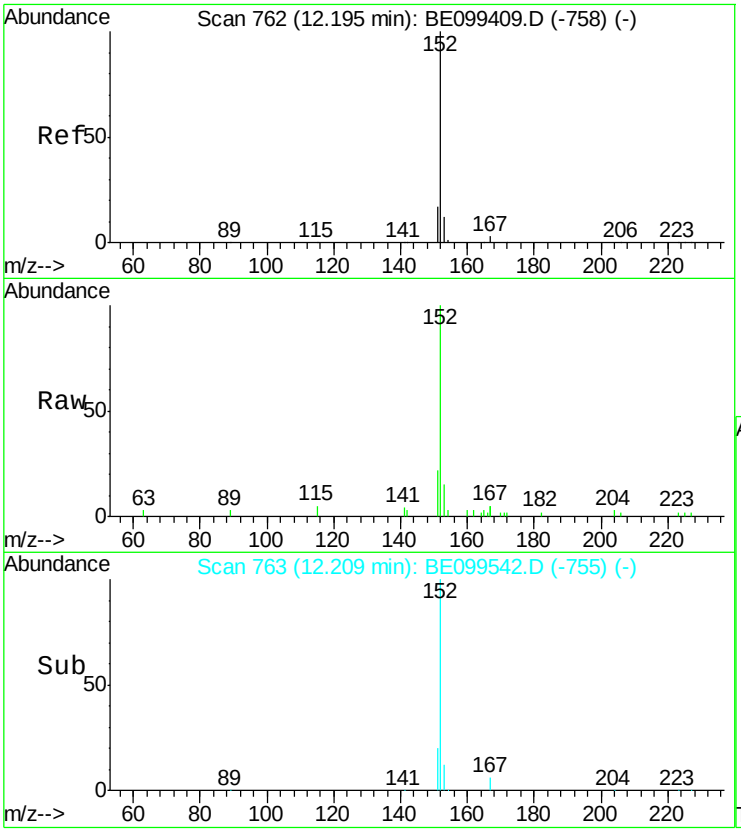


#9
Naphthalene
Concen: 0.022 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:128 Resp: 2112

Ion	Ratio	Lower	Upper
128	100		
129	6.7	2.4	3.6#
127	6.0	2.8	4.2#



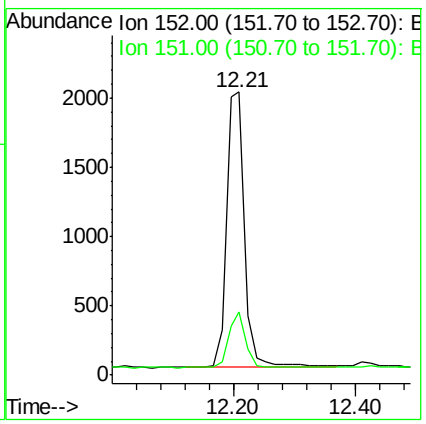


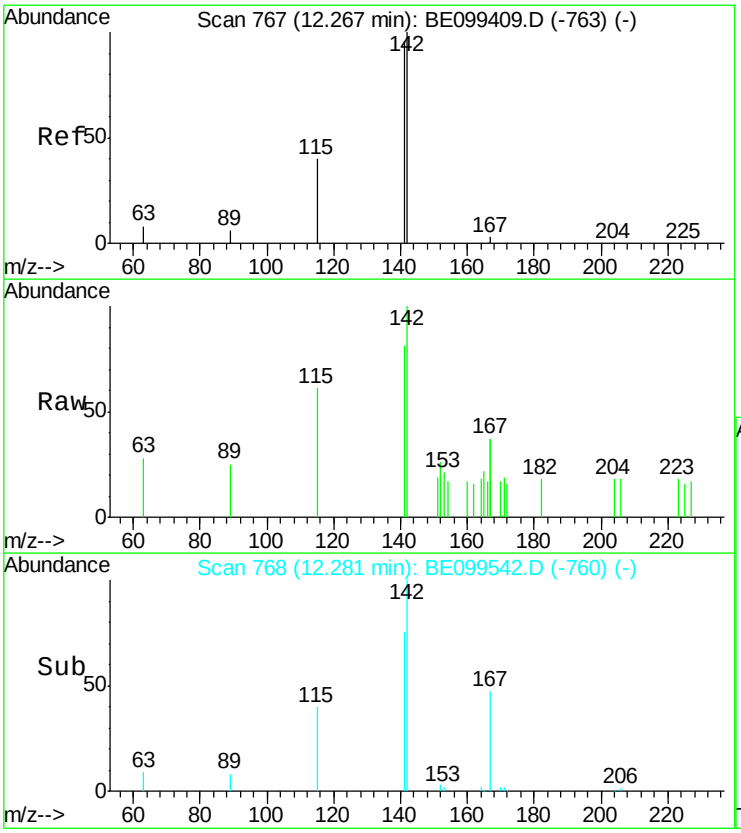
#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:152 Resp: 4162

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.5	23.3

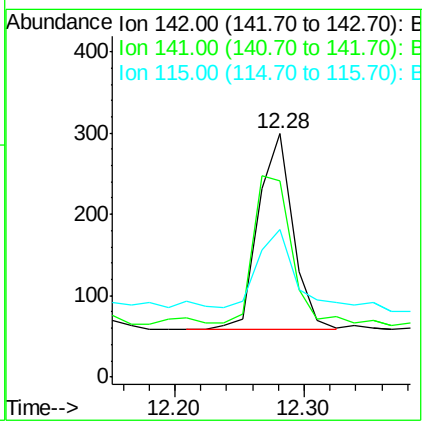


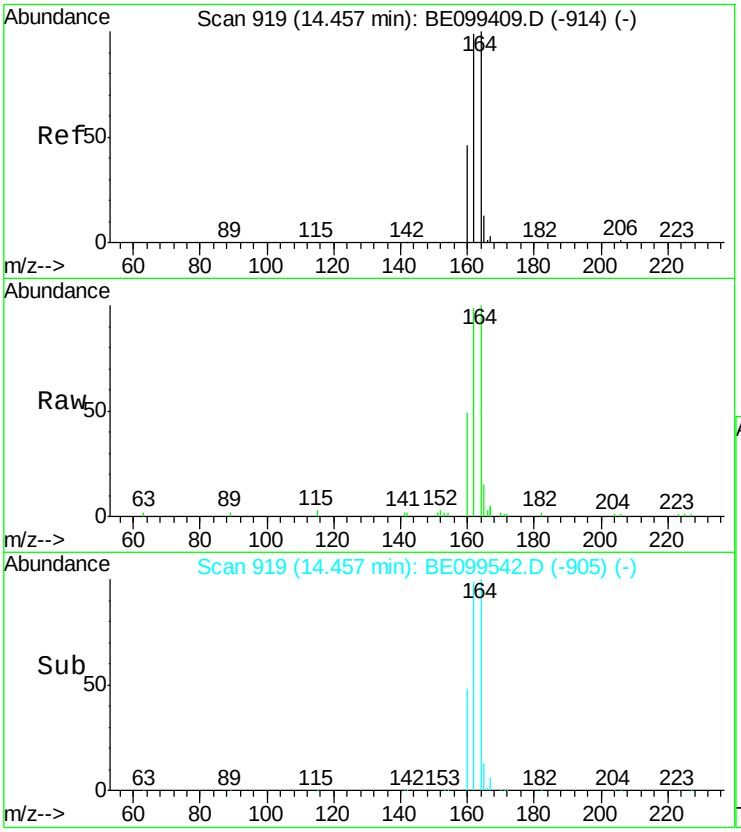


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:142 Resp: 442

Ion	Ratio	Lower	Upper
142	100		
141	80.9	77.0	115.4
115	60.9	33.4	50.0#



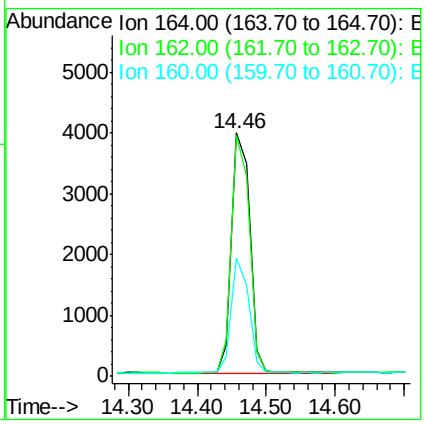


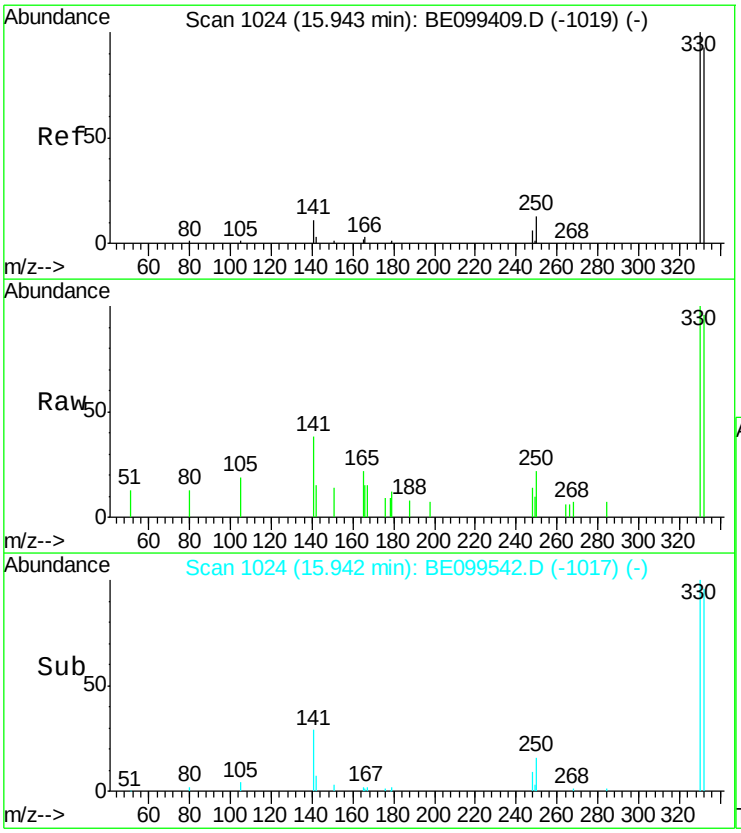
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:164 Resp: 7208

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.4
160	48.5	37.0	55.4

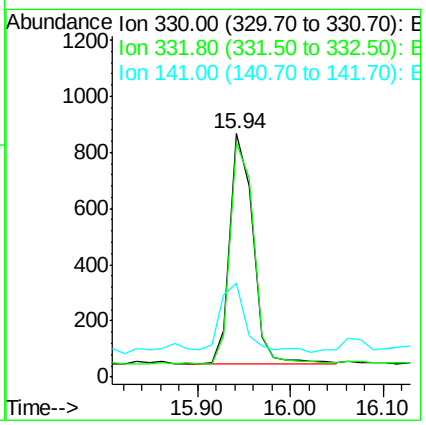


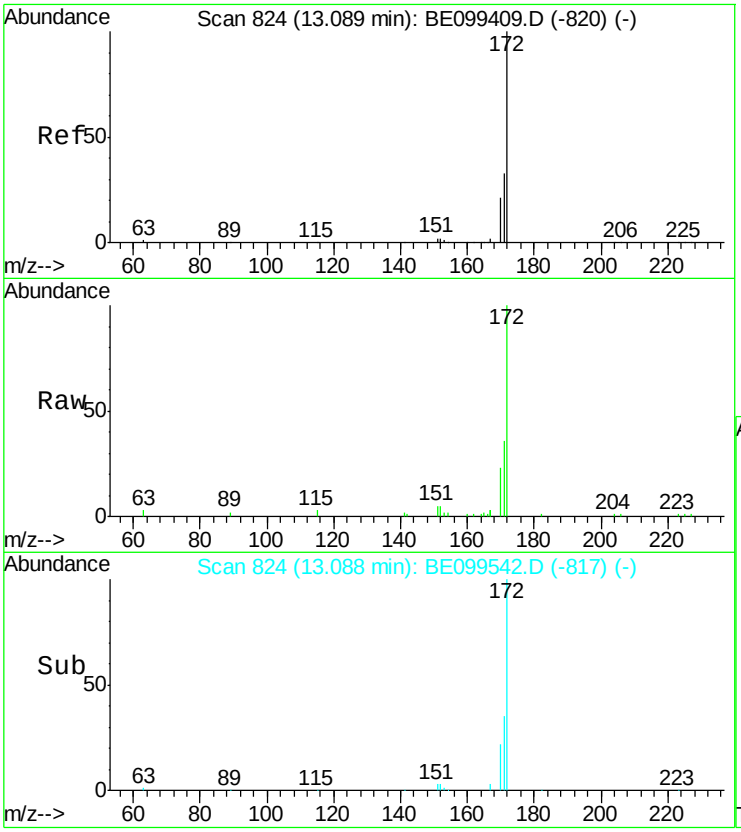


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:330 Resp: 1401

Ion	Ratio	Lower	Upper
330	100		
332	98.6	71.5	107.3
141	34.0	24.0	36.0



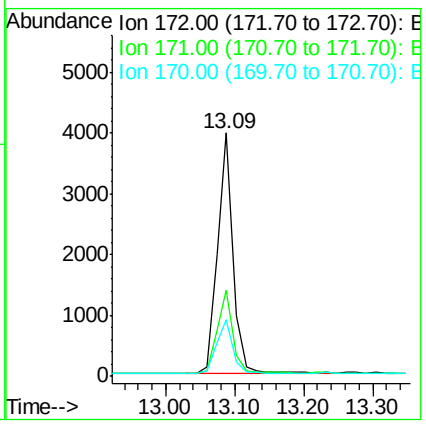


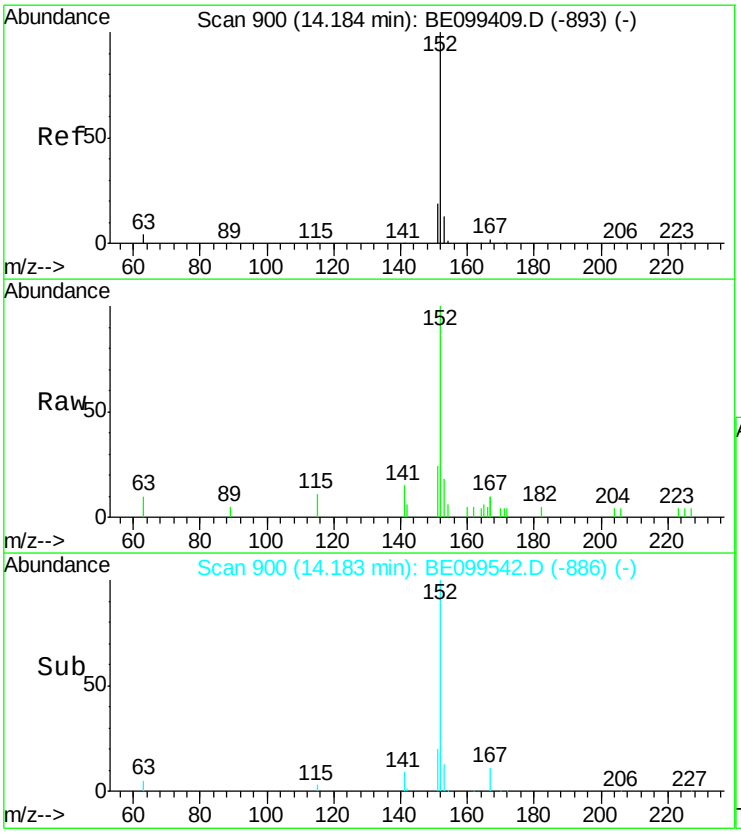
#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:172 Resp: 6264

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.6	39.8
170	23.2	17.0	25.6

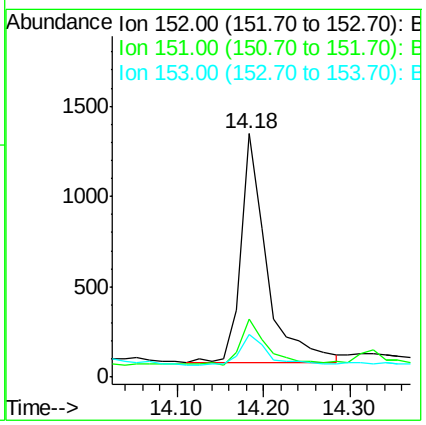


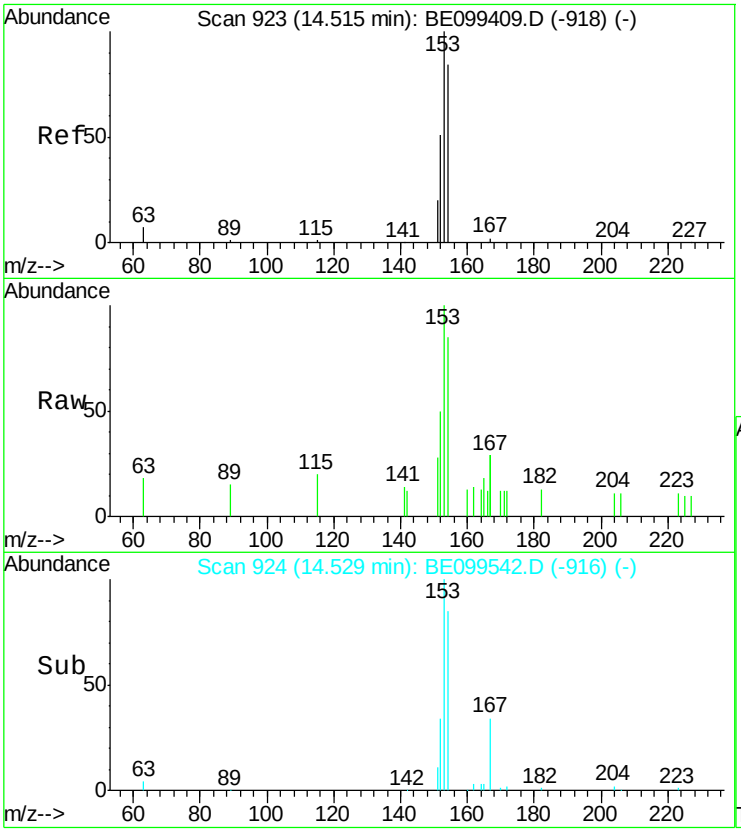


#16
Acenaphthylene
Concen: 0.073 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:152 Resp: 2577

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.4	23.2
153	14.1	9.8	14.6



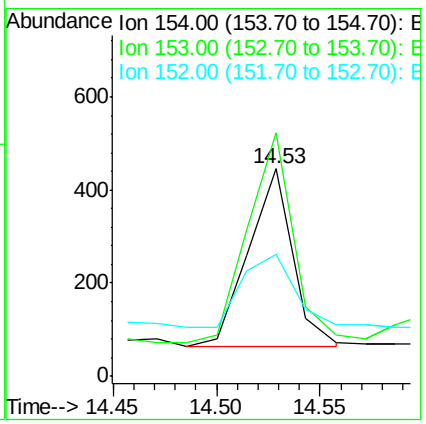


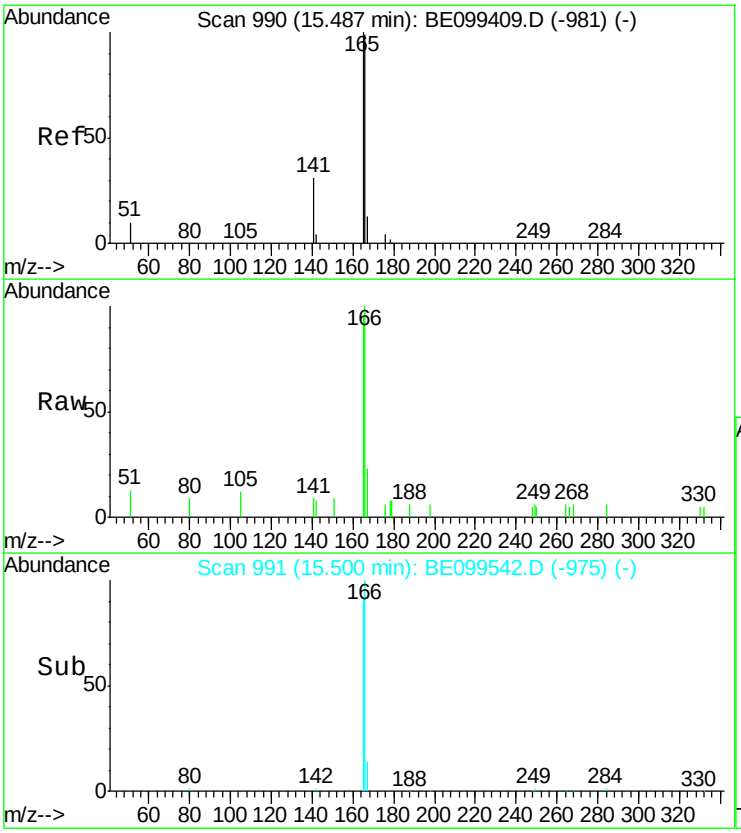
#17
Acenaphthene
Concen: 0.028 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:154 Resp: 567

Ion	Ratio	Lower	Upper
154	100		
153	121.5	92.6	138.8
152	49.4	45.8	68.8

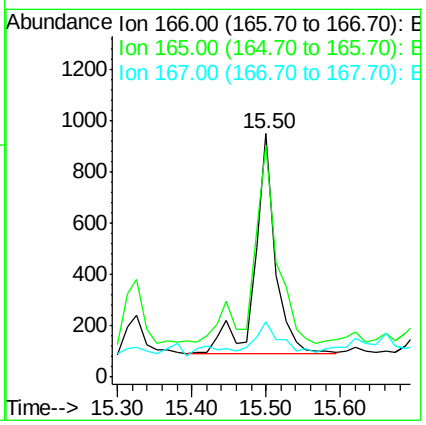


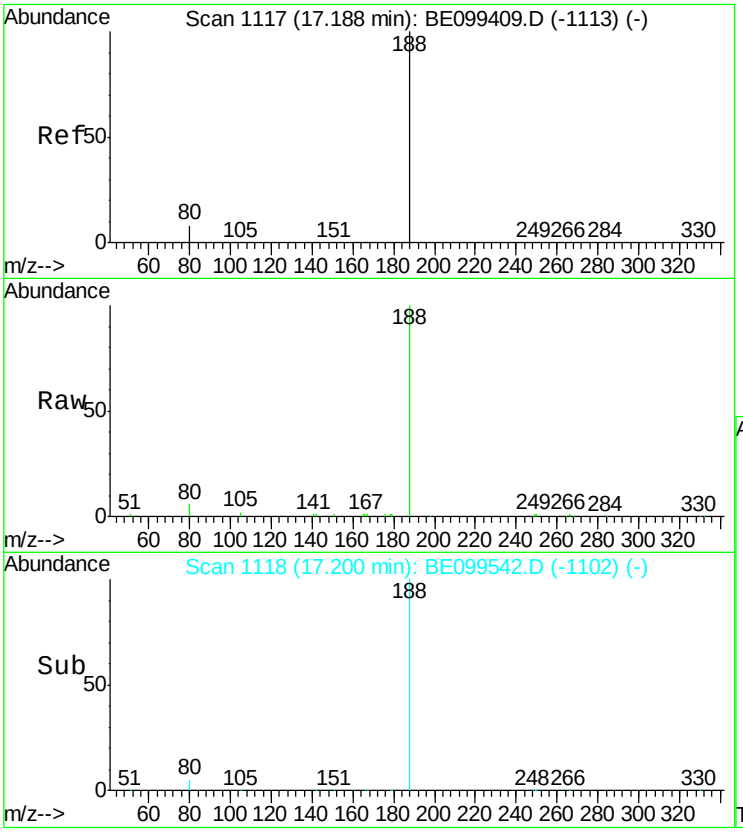


#18
Fluorene
Concen: 0.057 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:166 Resp: 1695

Ion	Ratio	Lower	Upper
166	100		
165	104.9	80.3	120.5
167	16.4	10.7	16.1#



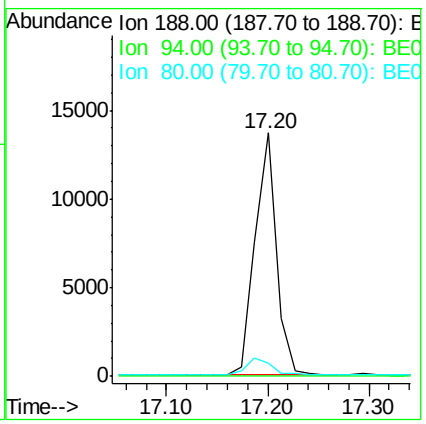


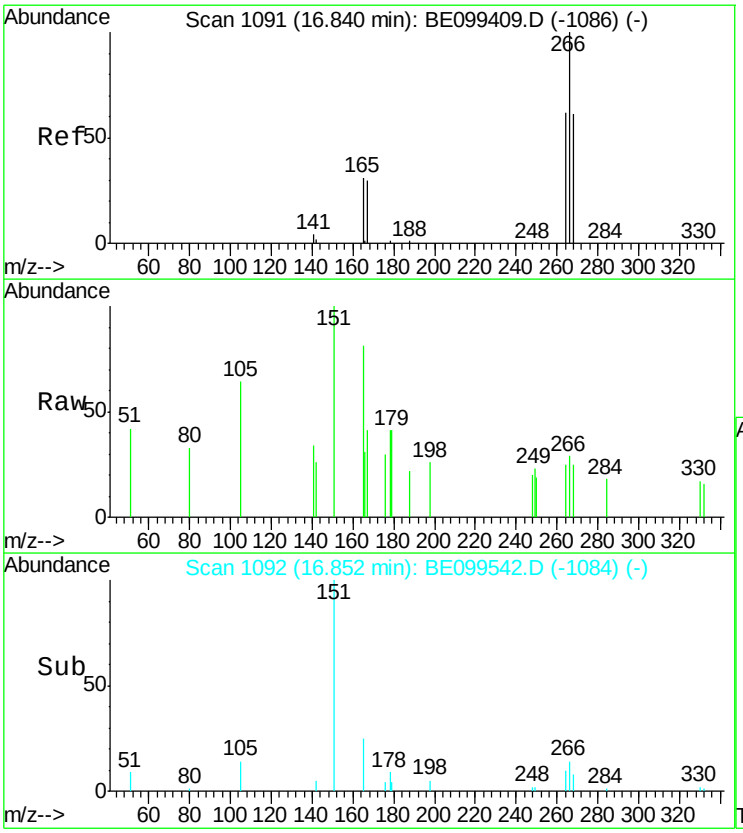
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:188 Resp: 20291

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	6.7	10.1#

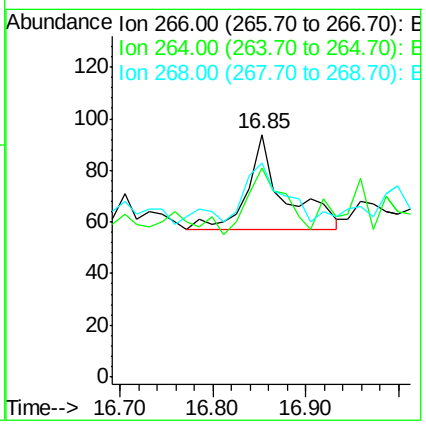


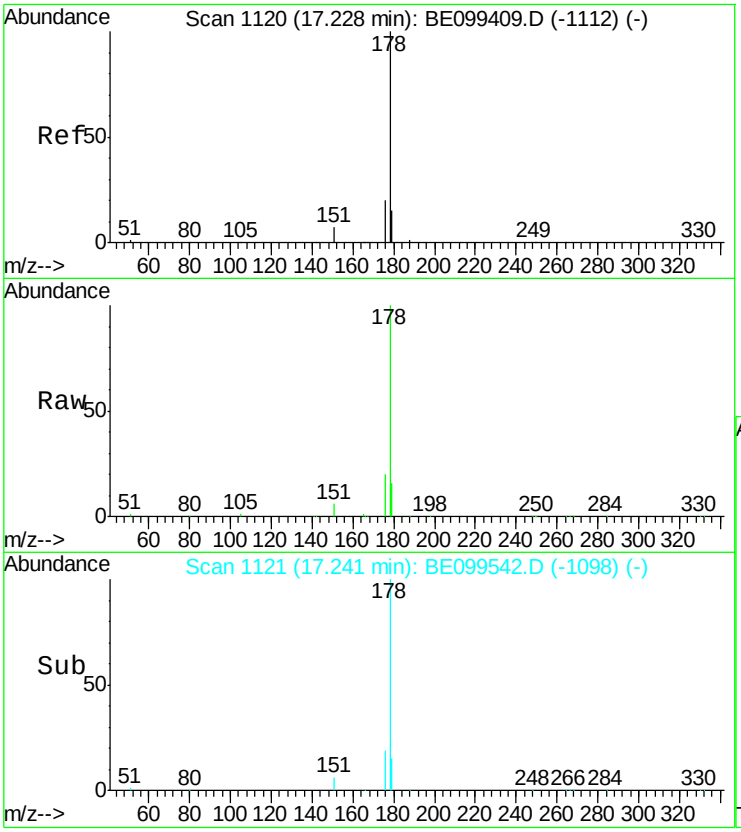


#22
Pentachlorophenol
Concen: 0.231 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:266 Resp: 103

Ion	Ratio	Lower	Upper
266	100		
264	86.2	50.8	76.2#
268	88.3	50.5	75.7#



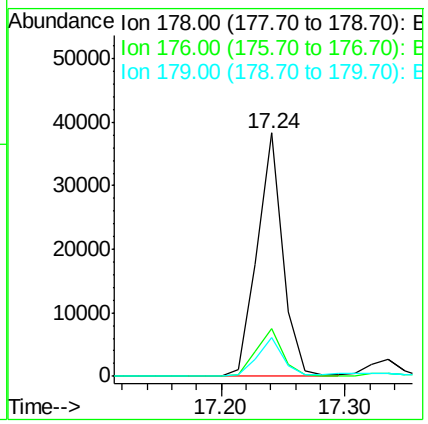


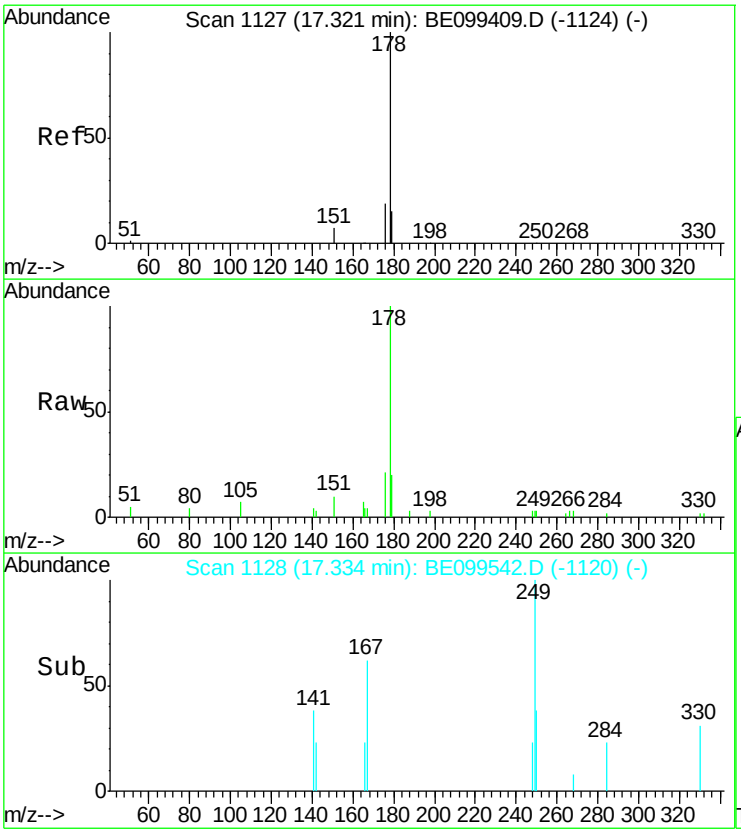
#23
Phenanthrene
Concen: 1.043 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:178 Resp: 54626

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.4	12.0	18.0

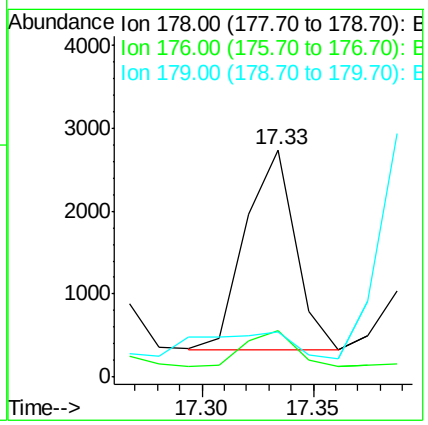


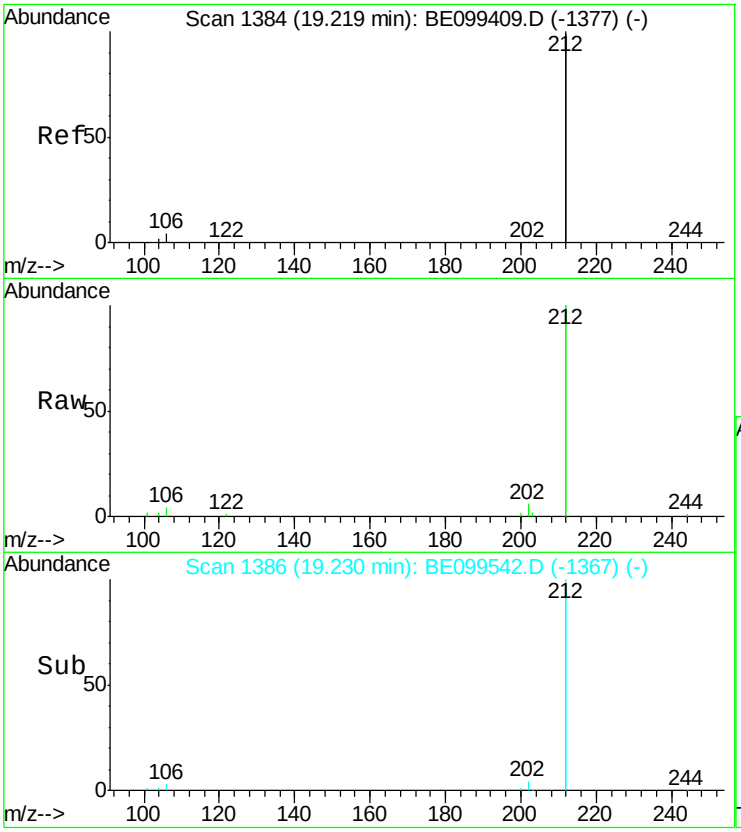


#24
Anthracene
Concen: 0.074 ng
RT: 17.33 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:178 Resp: 3704

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	25.8	11.9	17.9#



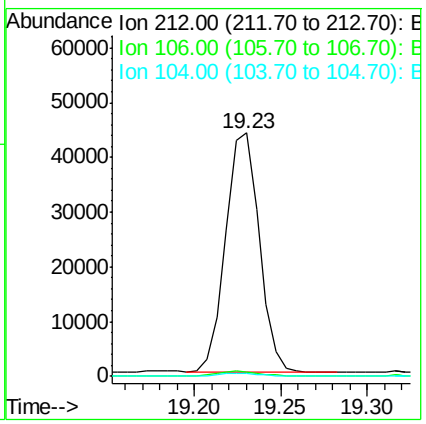


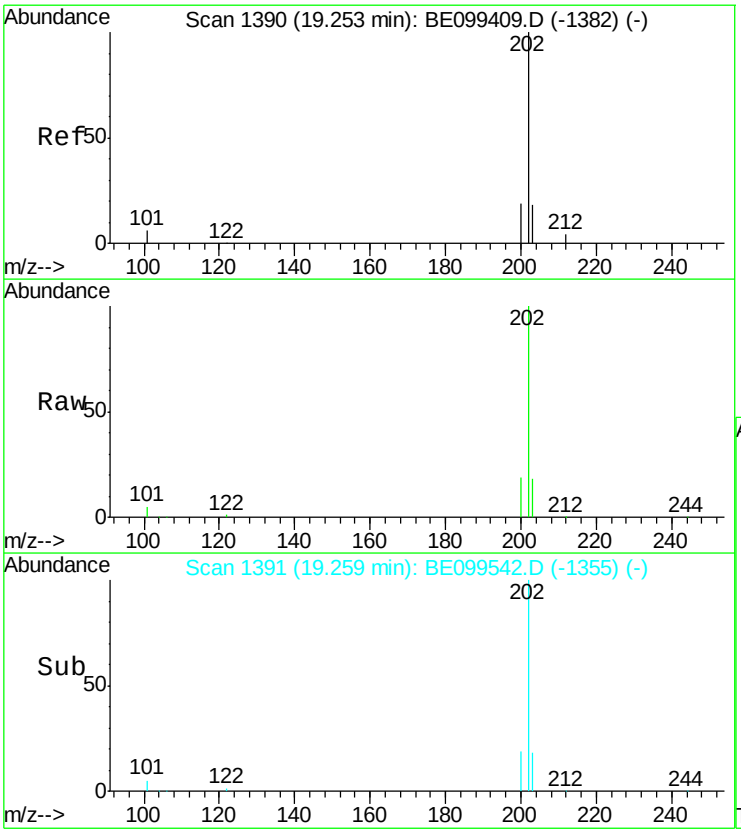
#25
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:212 Resp: 59230

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3

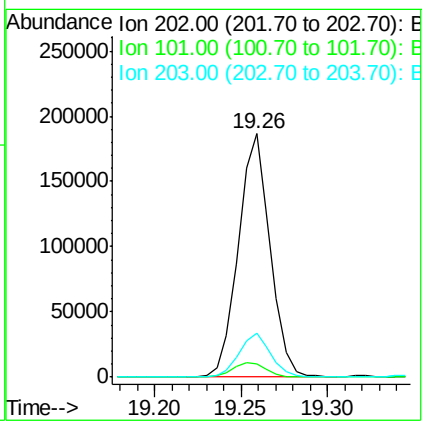


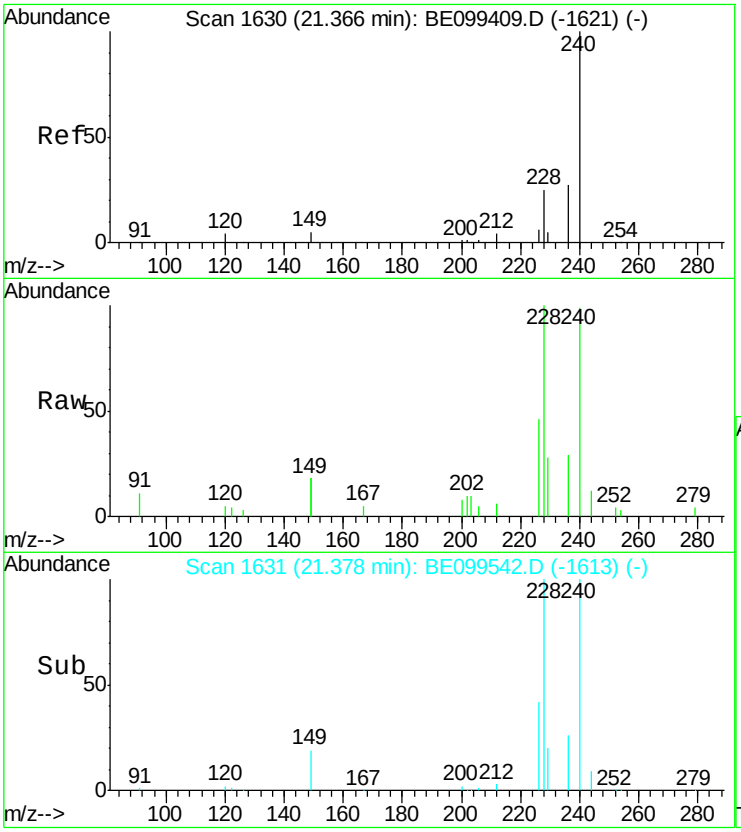


#26
Fluoranthene
Concen: 3.012 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:202 Resp: 236209

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.4	8.0
203	17.5	13.9	20.9



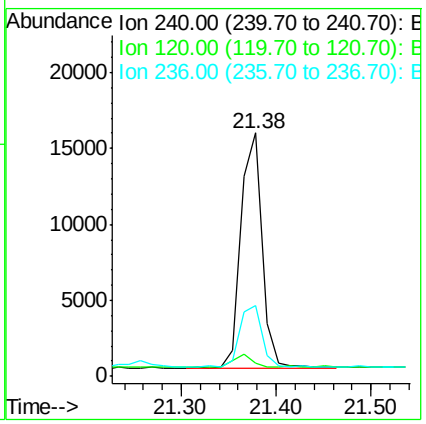


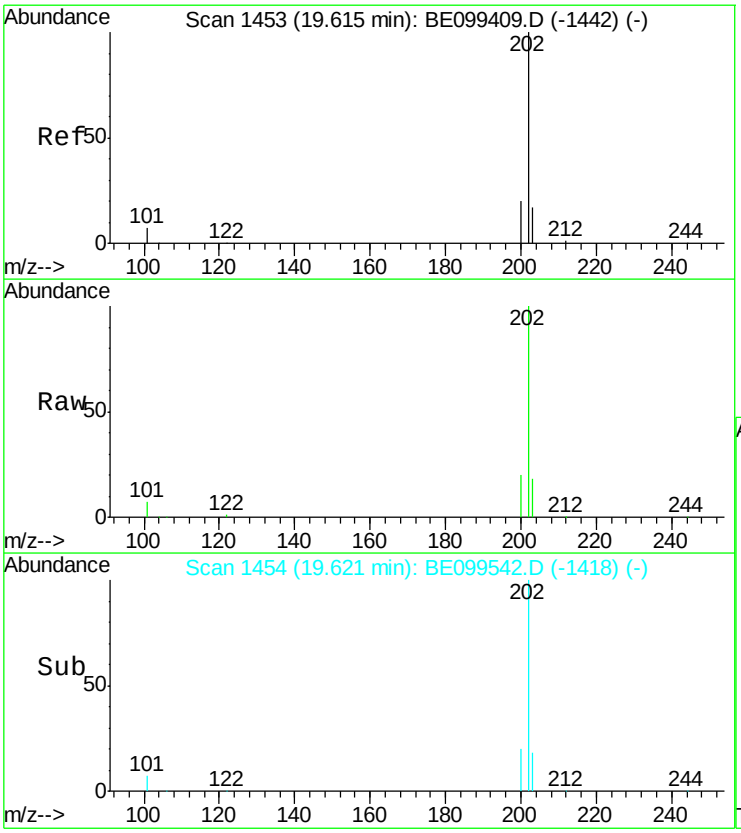
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:240 Resp: 23924

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.0	6.0
236	29.2	22.0	33.0

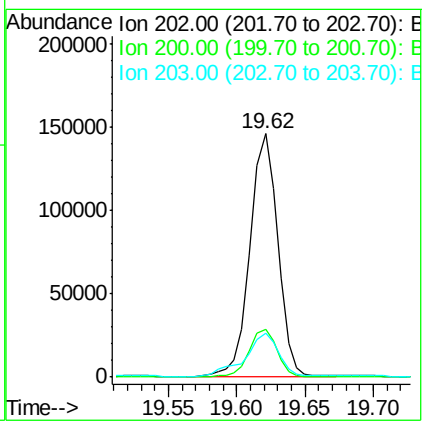


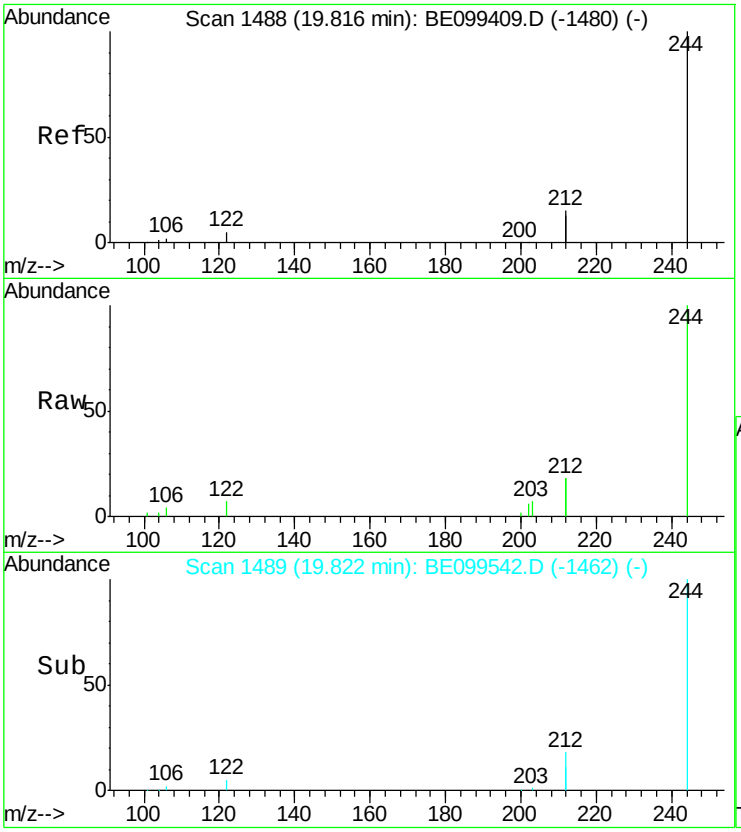


#28
Pyrene
Concen: 3.271 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:202 Resp: 203967

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	21.5	13.9	20.9#



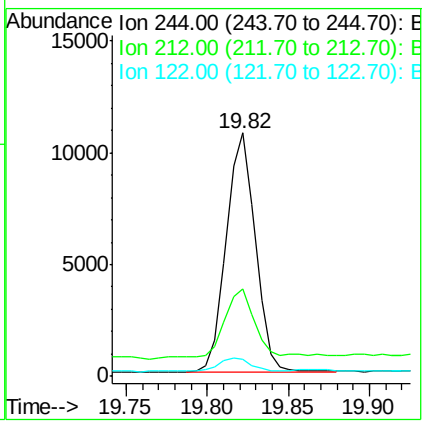


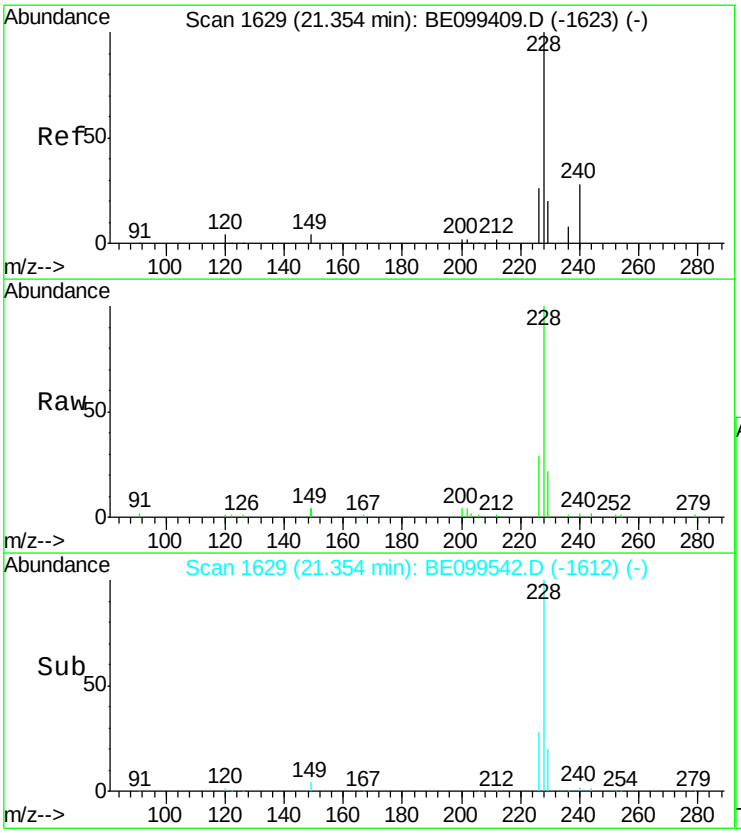
#29
Terphenyl-d14
Concen: 0.305 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:244 Resp: 13353

Ion	Ratio	Lower	Upper
244	100		
212	36.1	23.2	34.8#
122	7.0	4.2	6.4#

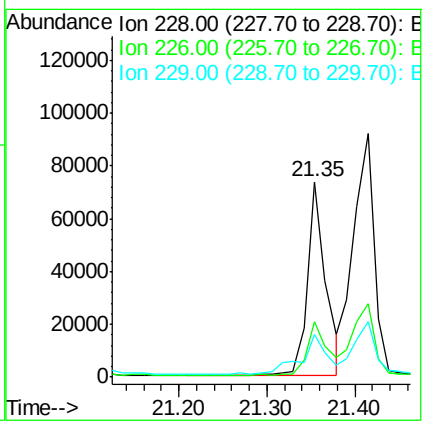


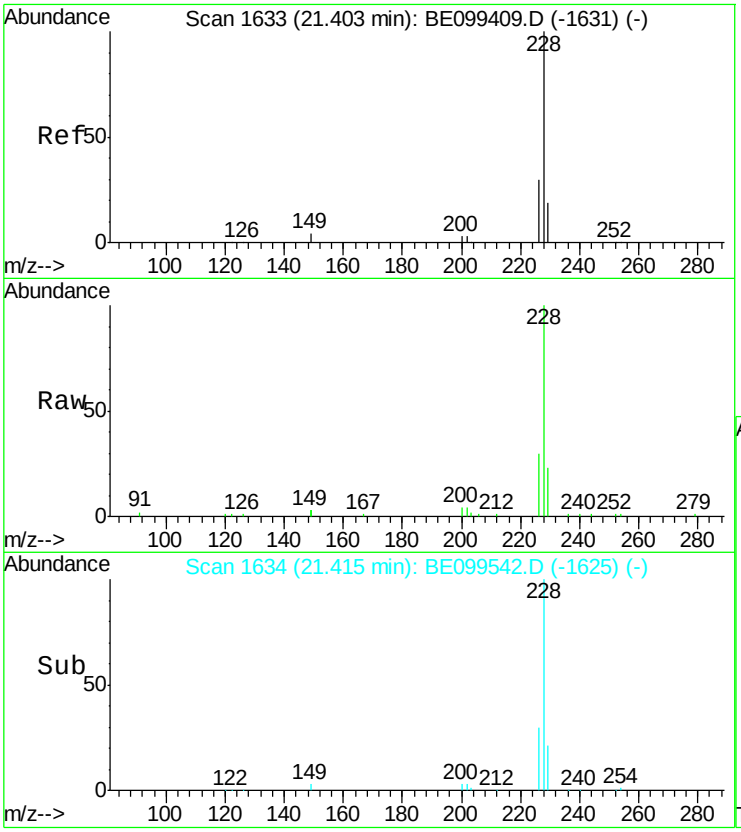


#30
Benzo(a)anthracene
Concen: 1.399 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:228 Resp: 106655

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.6
229	21.6	16.6	25.0



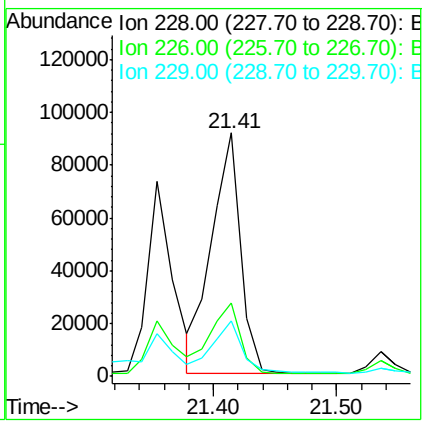


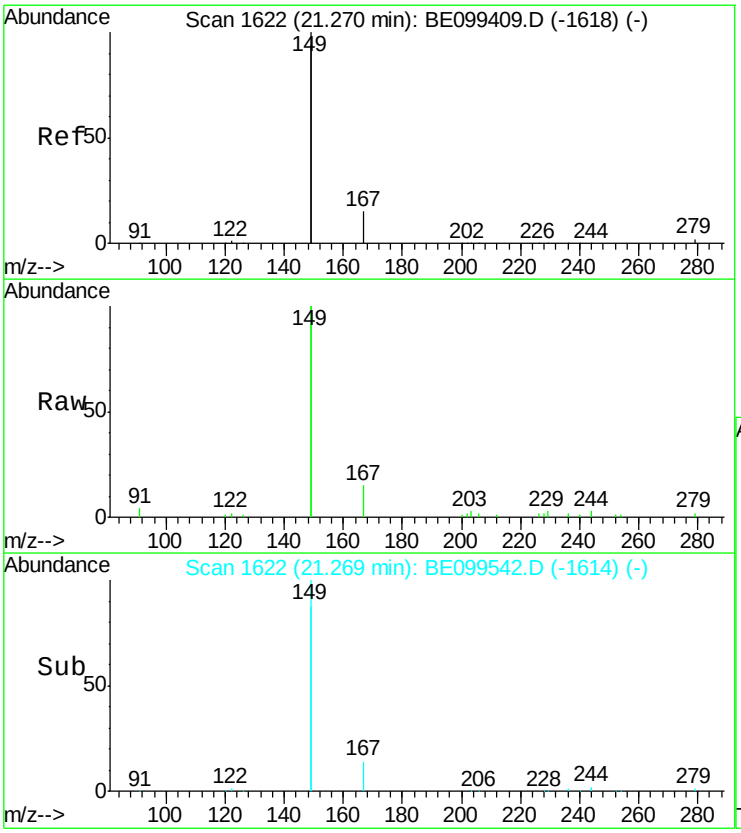
#31
Chrysene
Concen: 2.014 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:228 Resp: 150225

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	22.8	15.8	23.8

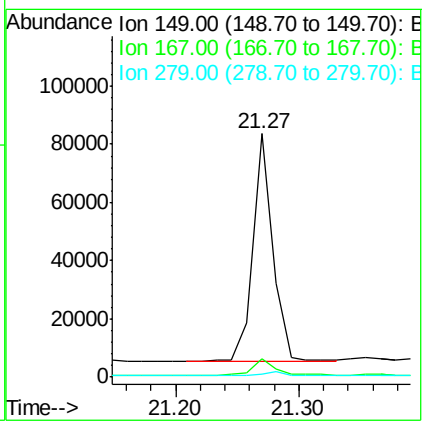


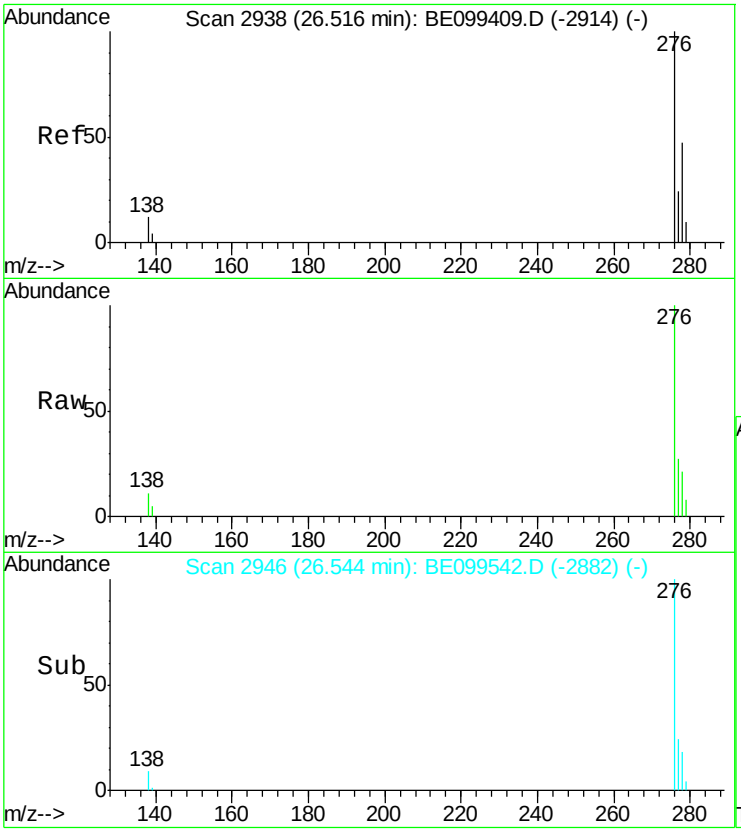


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.748 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:149 Resp: 88146

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.8	1.0	1.6#



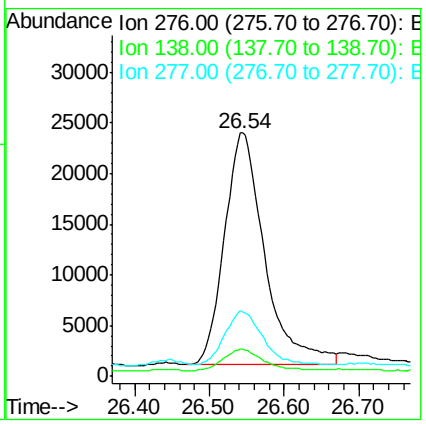


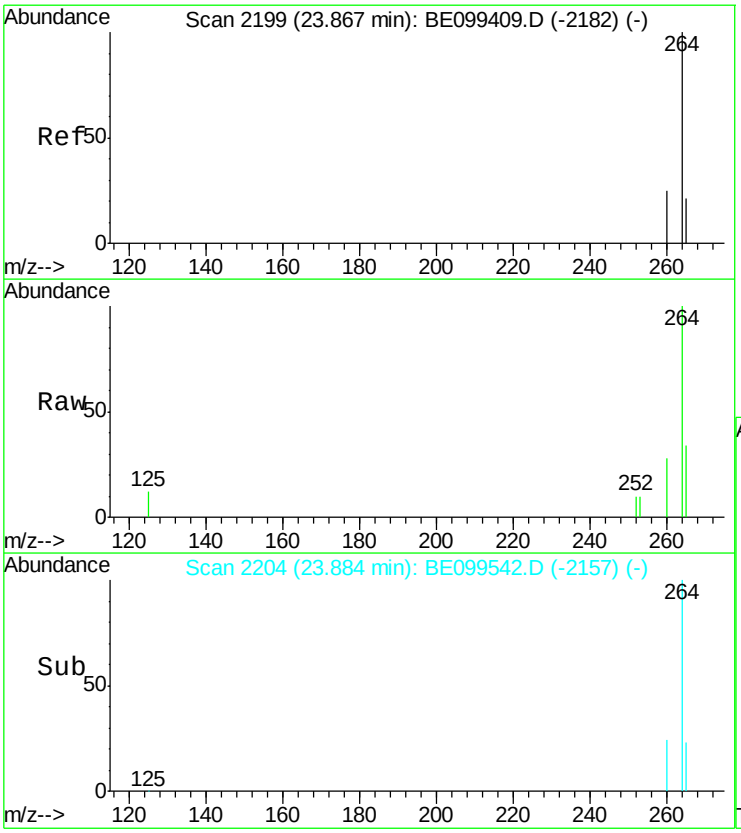
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.975 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.03 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:276 Resp: 85933

Ion	Ratio	Lower	Upper
276	100		
138	9.2	10.2	15.2#
277	21.9	19.2	28.8

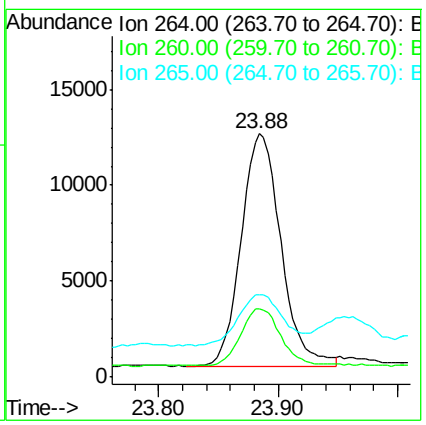


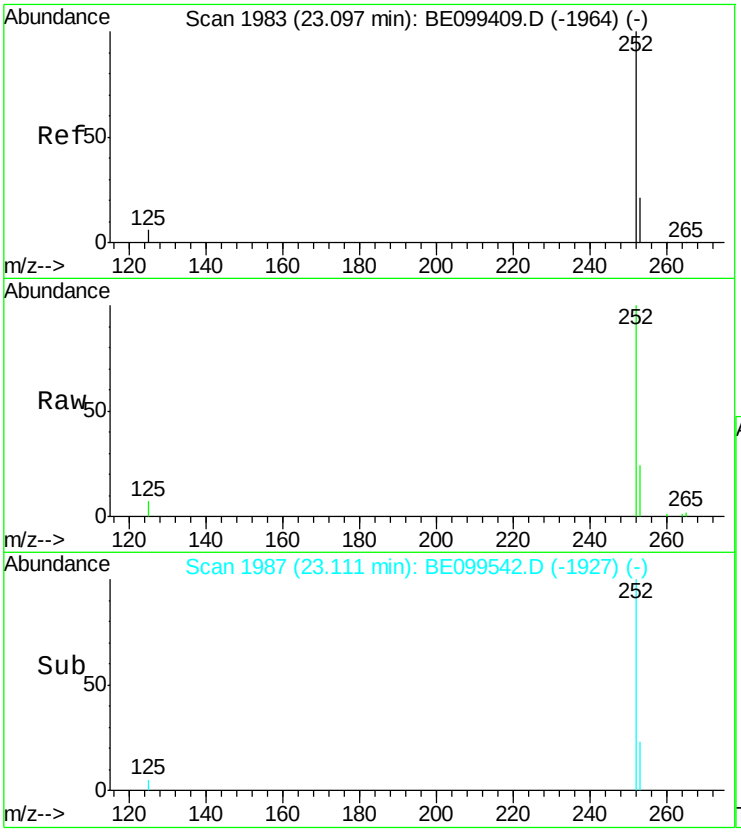


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:264 Resp: 28102

Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.2	30.2
265	33.9	21.3	31.9#



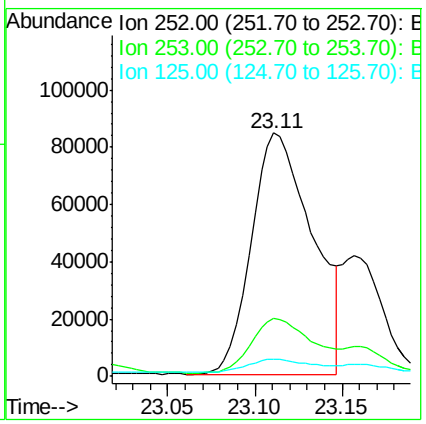


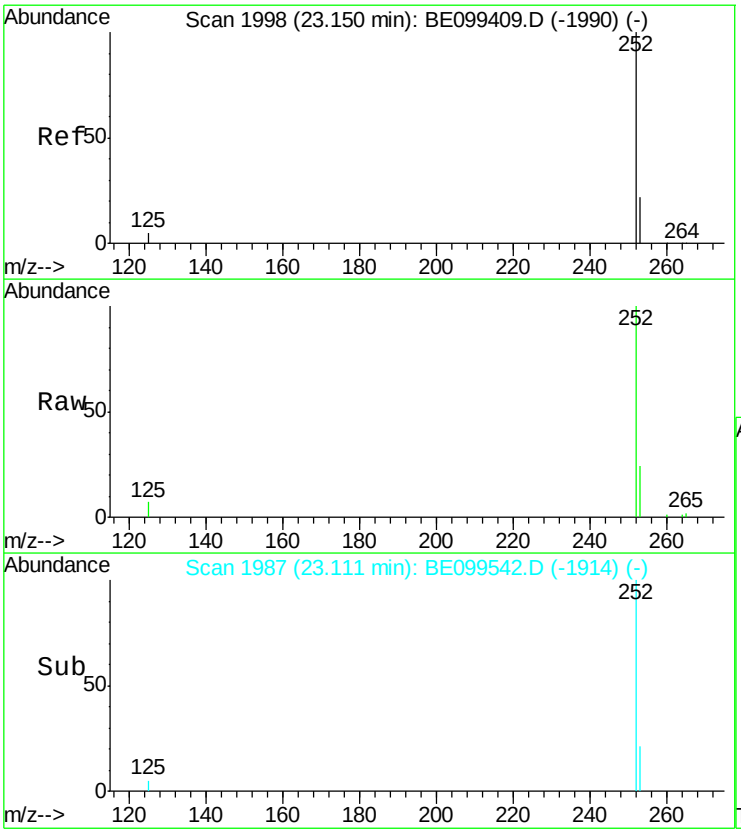
#35
Benzo(b)fluoranthene
Concen: 2.525 ng
RT: 23.11 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:252 Resp: 204624

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	7.1	5.6	8.4

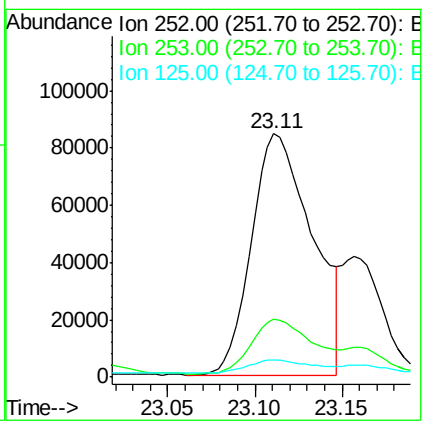


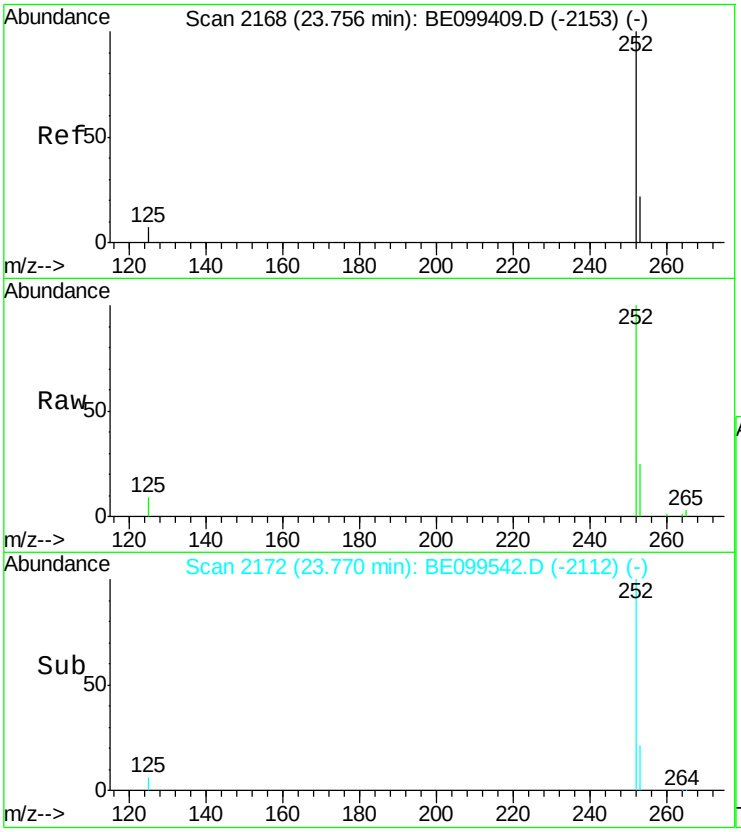


#36
Benzo(k)fluoranthene
Concen: 2.619 ng
RT: 23.11 min Scan# 1987
Delta R.T. -0.04 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:252 Resp: 204624

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	7.1	5.0	7.4



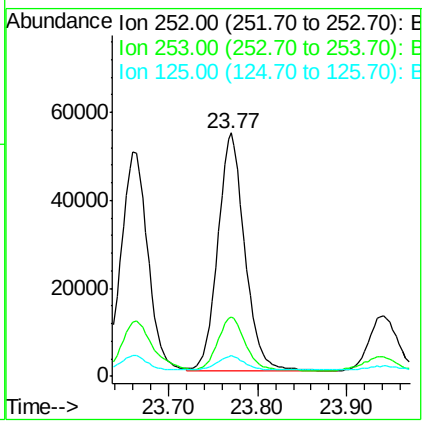


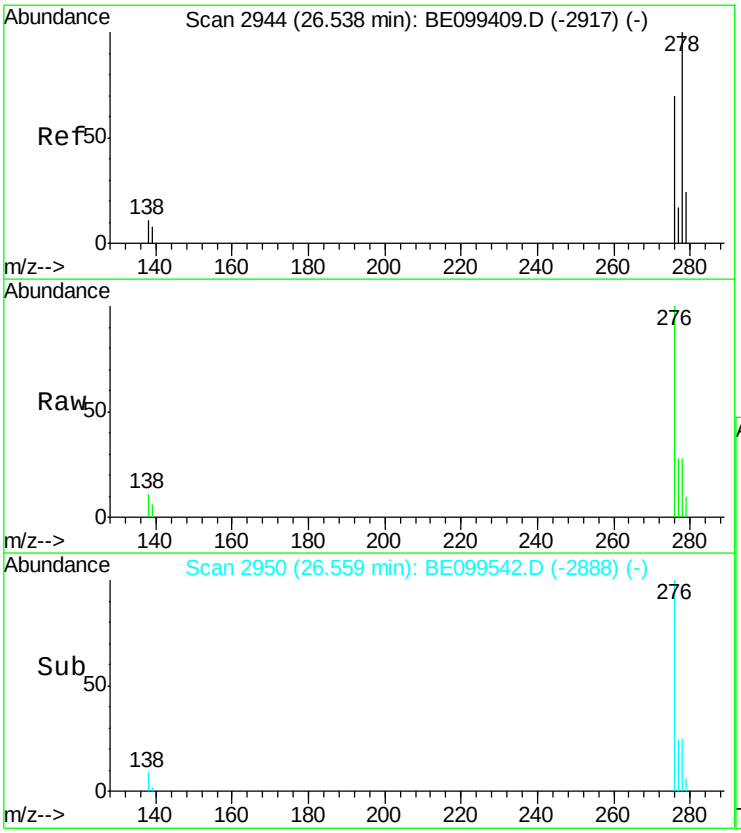
#37
Benzo(a)pyrene
Concen: 1.504 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:252 Resp: 115209

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	8.5	6.7	10.1

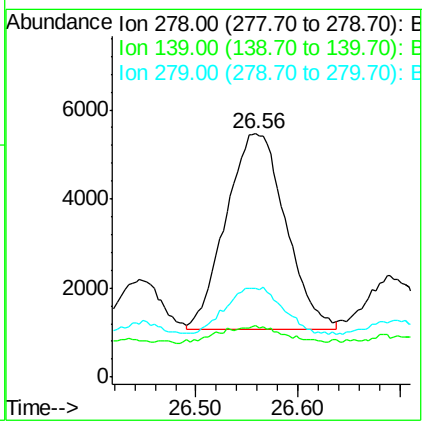


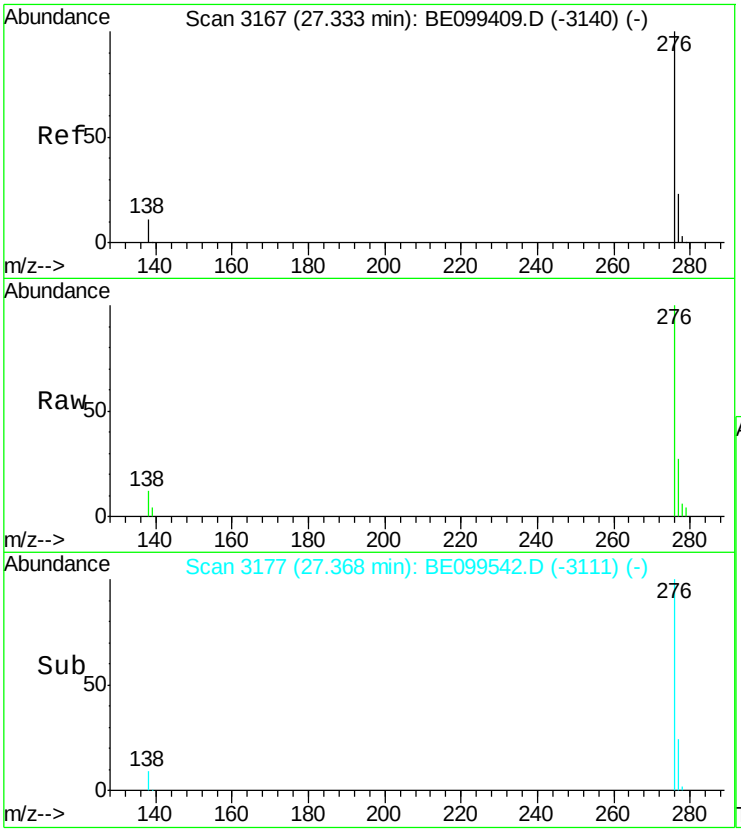


#38
Dibenzo(a,h)anthracene
Concen: 0.228 ng
RT: 26.56 min Scan# 2950
Delta R.T. 0.02 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Tgt Ion:278 Resp: 17898

Ion	Ratio	Lower	Upper
278	100		
139	21.1	7.7	11.5#
279	36.4	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 1.052 ng
RT: 27.37 min Scan# 3177
Delta R.T. 0.04 min
Lab File: BE099542.D
Acq: 3 May 2019 22:32

Instrument :
BNA_E
ClientSampleId :
EXT-025-SW028-042219

Tgt Ion:276 Resp: 82557

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.5	29.3
138	11.7	9.6	14.4