Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099128.D
Acq On : 24 Mar 2019 1:51
Operator : JU/SJ
Sample : K1948-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-025-B125-031319

Quant Time: Mar 24 03:42:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3573	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	14344	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	9999	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	30124	0.40	ng		0.00
27) Chrysene-d12	21.38	240	39974	0.40	ng		-0.01
34) Perylene-d12	23.89	264	42845	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4418	0.42	ng		0.00
5) Phenol-d6	6.99	99	6452	0.42	ng		0.00
8) Nitrobenzene-d5	8.99	82	4671	0.74	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	9222	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	2092	0.71	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12930	0.33	ng		-0.02
25) Fluoranthene-d10	19.24	212	130145	0.32	ng		0.00
29) Terphenyl-d14	19.83	244	21081	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	120	0.022	ng	#	70
9) Naphthalene	10.68	128	7601	0.045	ng		99
12) 2-Methylnaphthalene	12.29	142	1286	0.044	ng		96
16) Acenaphthylene	14.20	152	5317	0.100	ng		95
17) Acenaphthene	14.54	154	1839	0.058	ng		99
18) Fluorene	15.51	166	3529	0.076	ng	#	88
22) Pentachlorophenol	16.85	266	56	0.260	ng		97
23) Phenanthrene	17.25	178	160980	1.800	ng		99
24) Anthracene	17.35	178	15230	0.180	ng	#	95
26) Fluoranthene	19.27	202	581204	4.618	ng	#	96
28) Pyrene	19.63	202	514537	3.795	ng	#	95
30) Benzo(a)anthracene	21.37	228	276351	1.962	ng		99
31) Chrysene	21.42	228	318386	2.262	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	97504	0.534	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	208130	1.376	ng		97
35) Benzo(b)fluoranthene	23.12	252	437396	2.951	ng		99
36) Benzo(k)fluoranthene	23.12	252	437396	3.012	ng		97
37) Benzo(a)pyrene	23.67	252	223021	1.628	ng		97
38) Dibenzo(a,h)anthracene	26.57	278	48198	0.362	ng		97
39) Benzo(g,h,i)perylene	27.36	276	215328	1.574	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Quant Time: Mar 24 03:42:46 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
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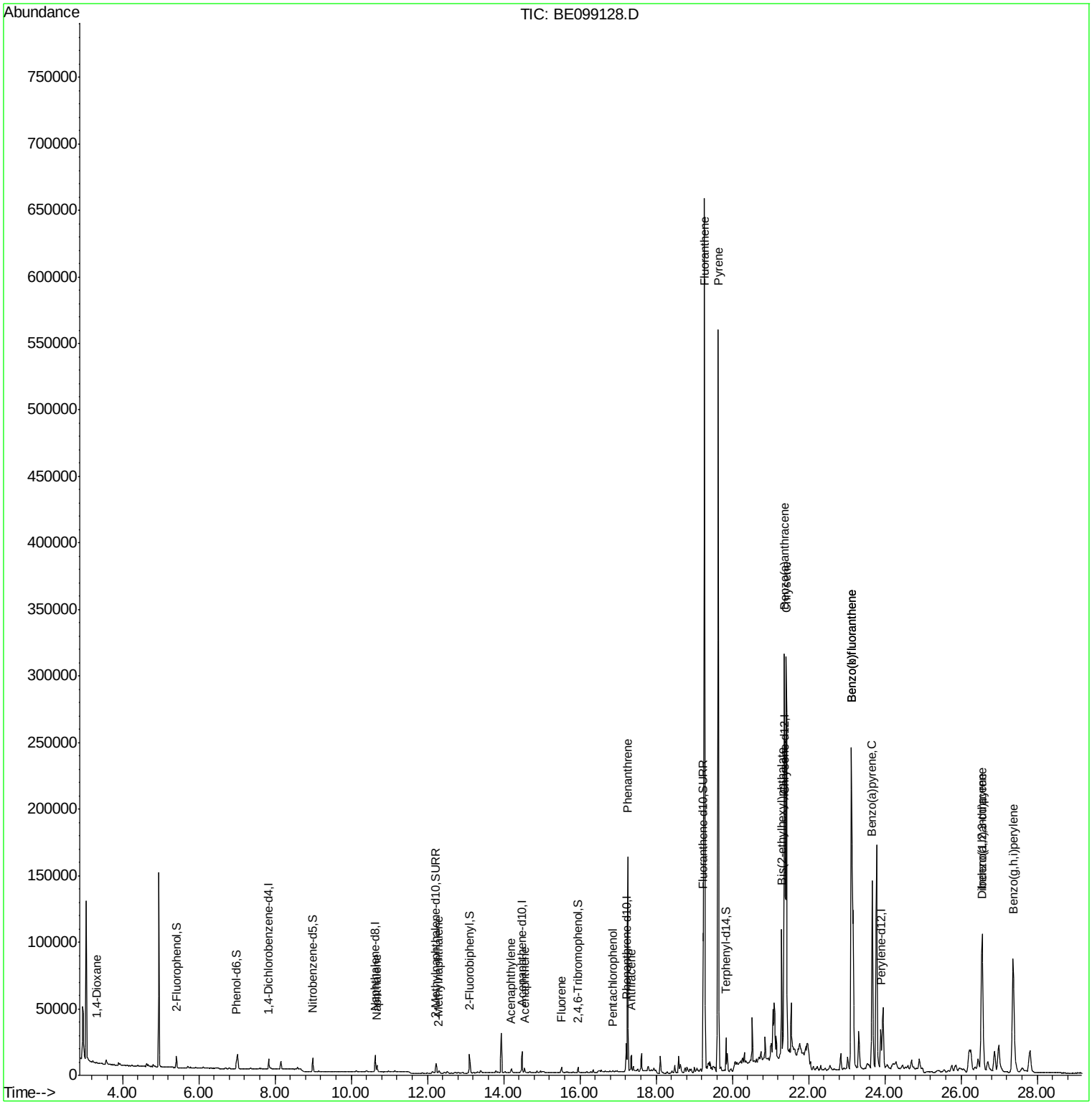
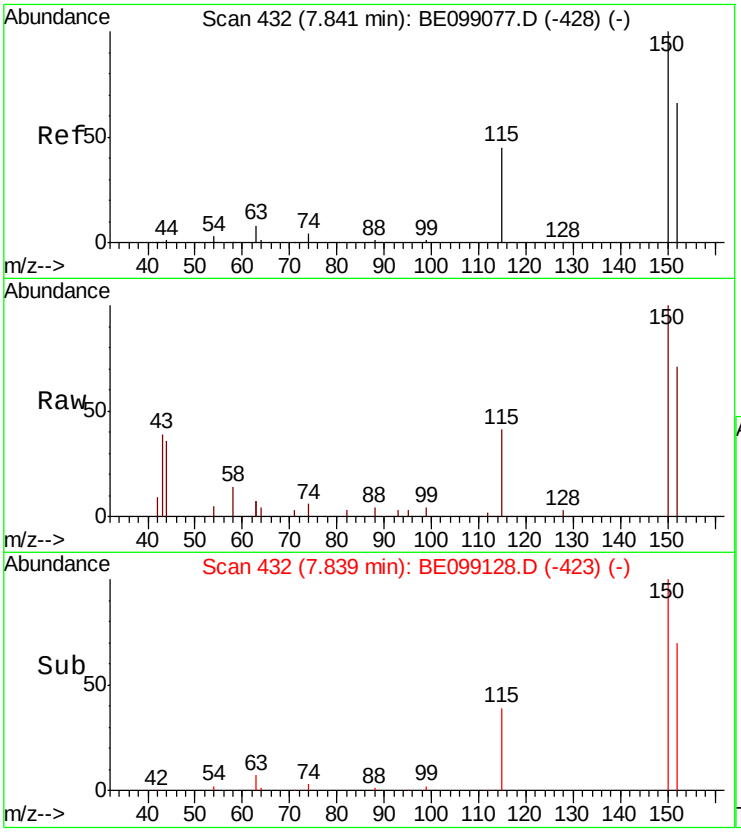


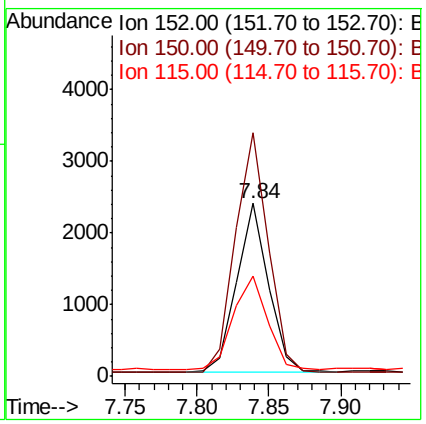


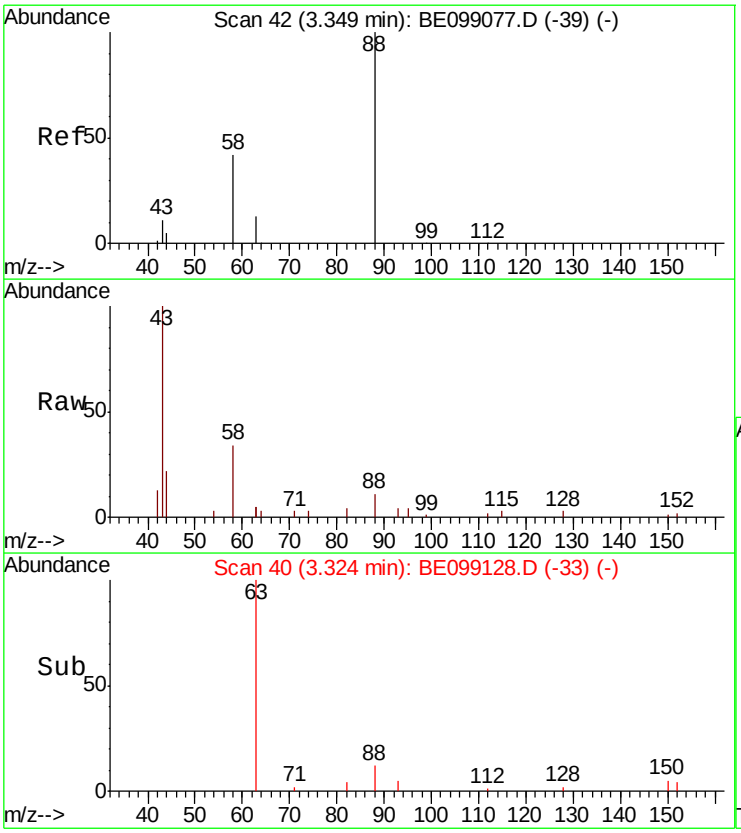
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:152 Resp: 3573

Ion	Ratio	Lower	Upper
152	100		
150	140.7	122.5	183.7
115	58.1	57.4	86.2

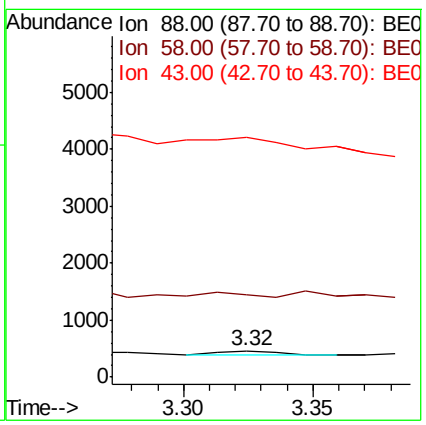


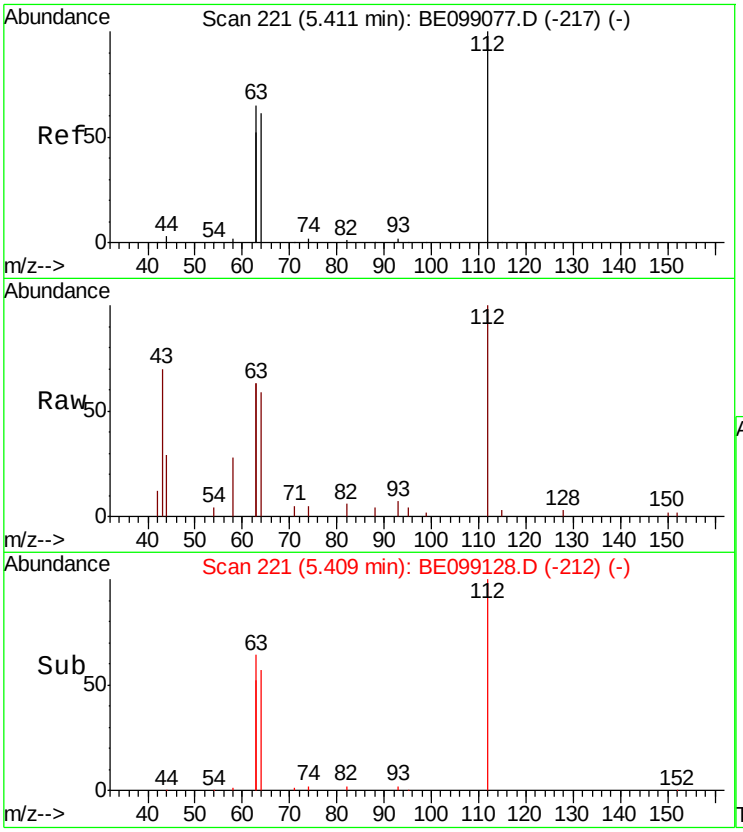


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.02 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion: 88 Resp: 120

Ion	Ratio	Lower	Upper
88	100		
58	79.2	52.0	78.0#
43	0.0	24.0	36.0#



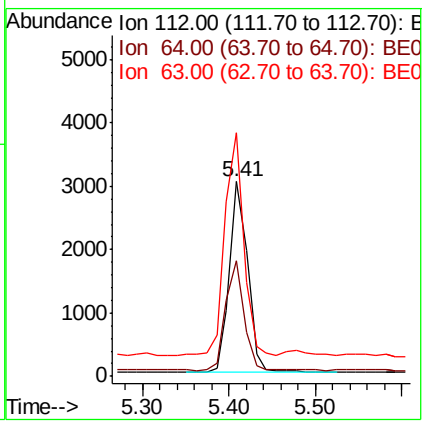


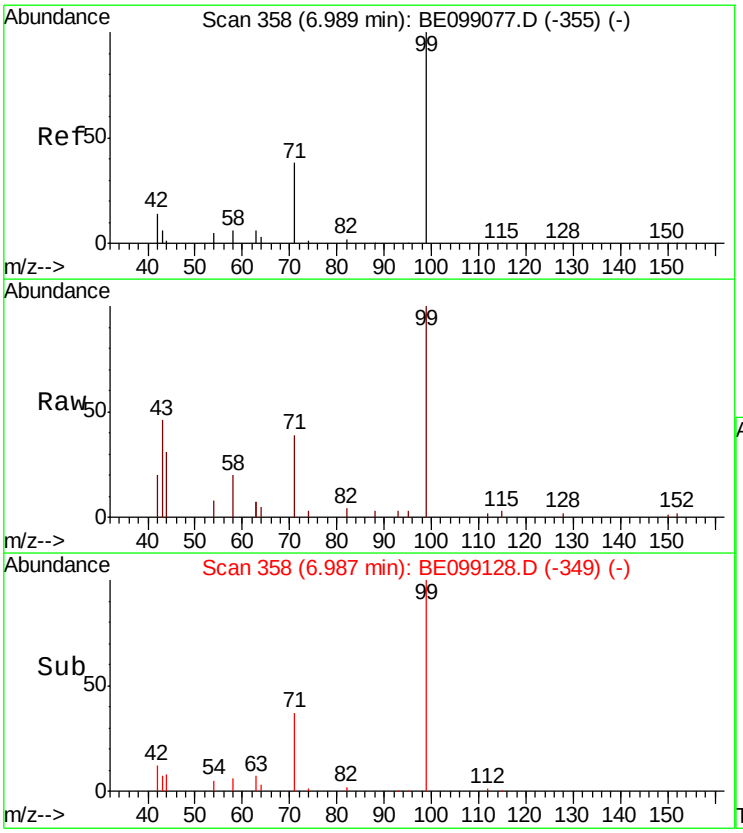
#4
2-Fluorophenol
Concen: 0.415 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:112 Resp: 4418

Ion	Ratio	Lower	Upper
112	100		
64	57.5	57.9	86.9#
63	119.4	158.3	237.5#

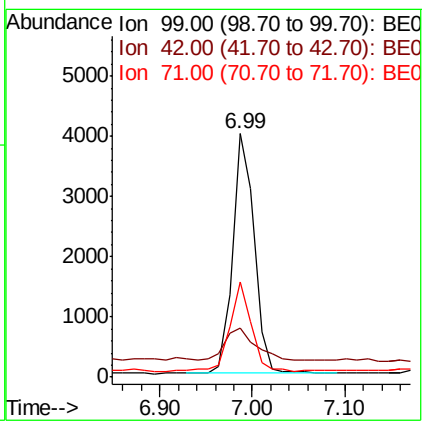


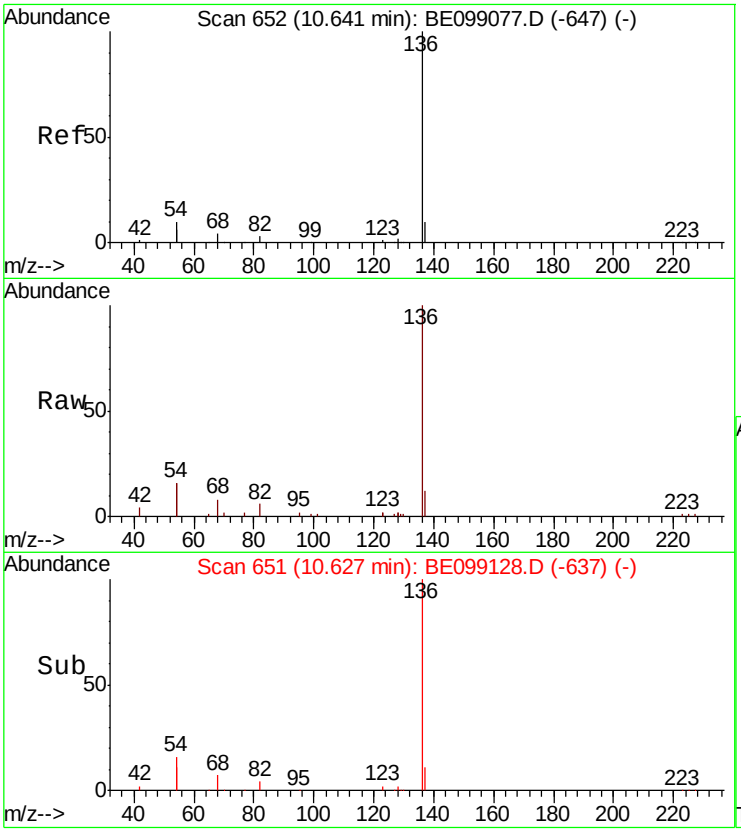


#5
Phenol-d6
Concen: 0.421 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion: 99 Resp: 6452

Ion	Ratio	Lower	Upper
99	100		
42	19.6	24.2	36.2#
71	37.0	35.7	53.5



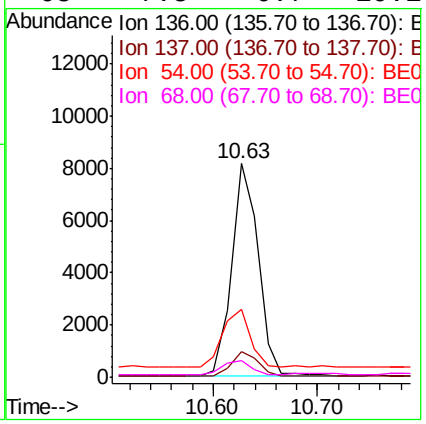


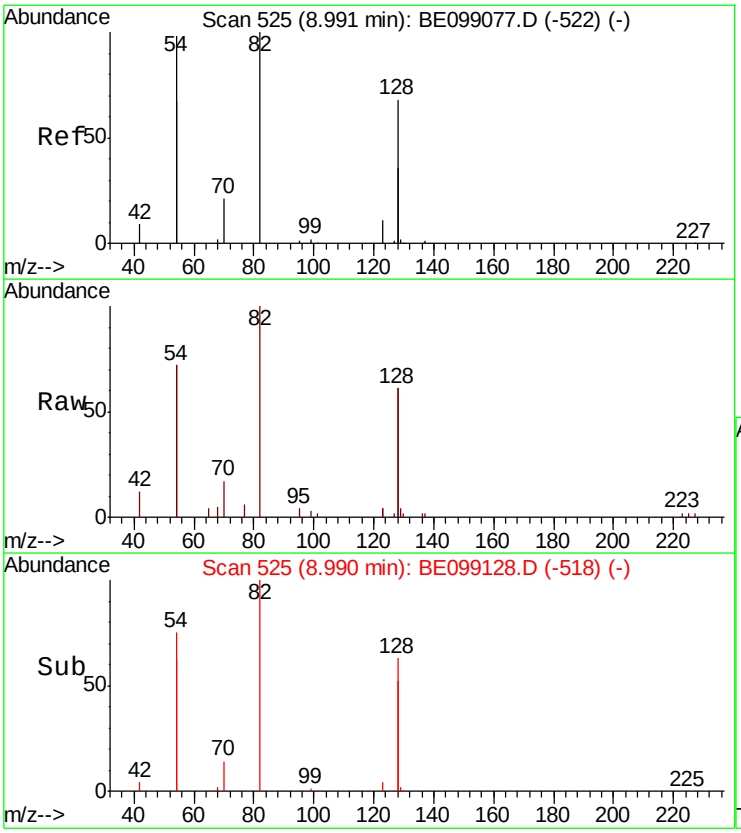
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:136 Resp: 14344

Ion	Ratio	Lower	Upper
136	100		
137	11.7	11.4	17.0
54	31.9	39.3	58.9#
68	7.8	6.7	10.1

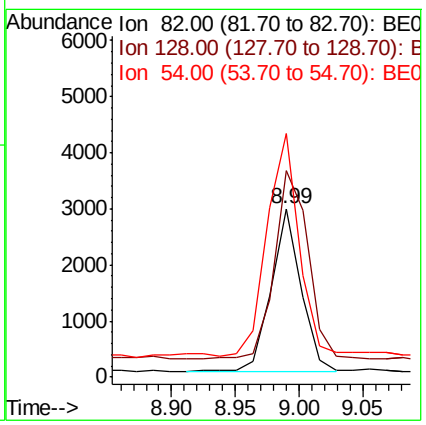


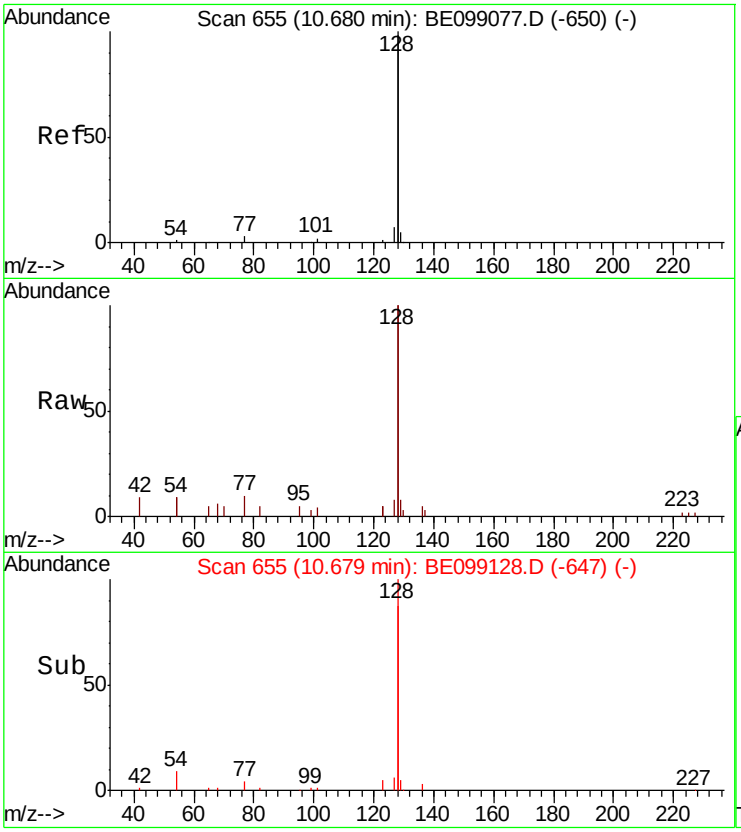


#8
Nitrobenzene-d5
Concen: 0.745 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion: 82 Resp: 4671

Ion	Ratio	Lower	Upper
82	100		
128	122.3	123.8	185.8#
54	144.6	203.4	305.2#



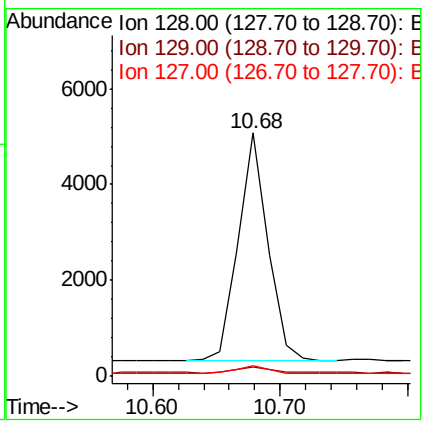


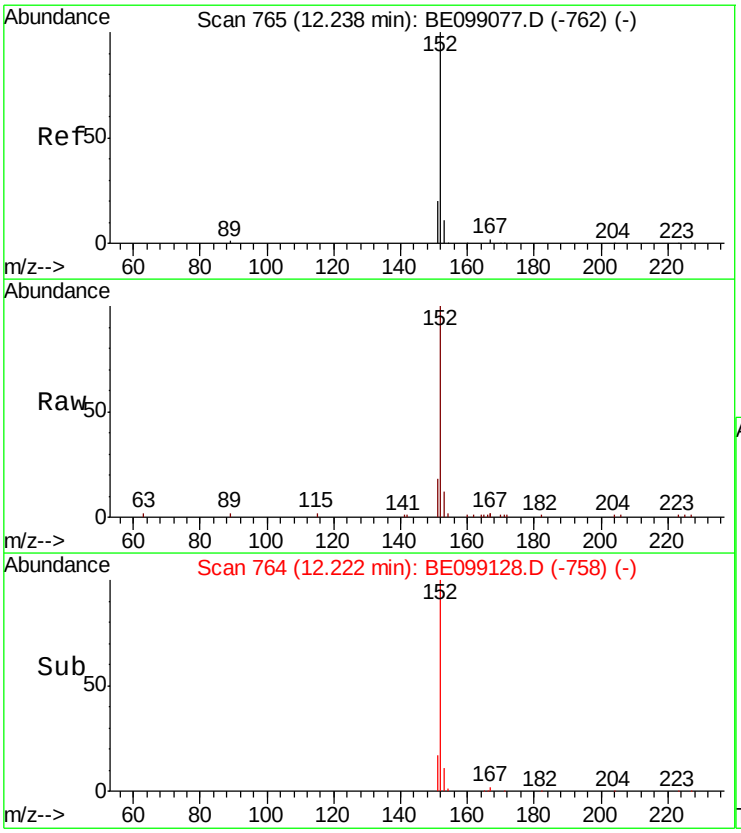
#9
Naphthalene
Concen: 0.045 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:128 Resp: 7601

Ion	Ratio	Lower	Upper
128	100		
129	4.0	2.6	4.0
127	4.2	3.1	4.7

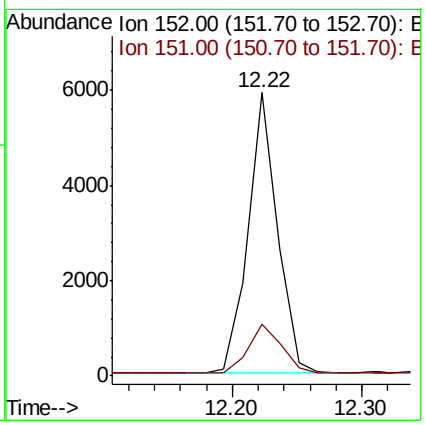


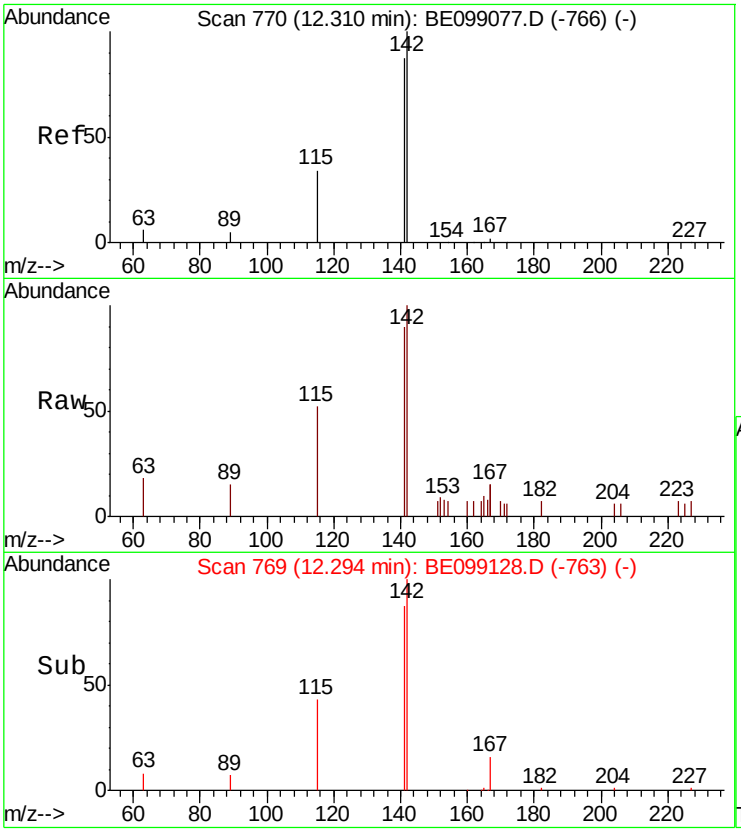


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:152 Resp: 9222

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.5	24.7



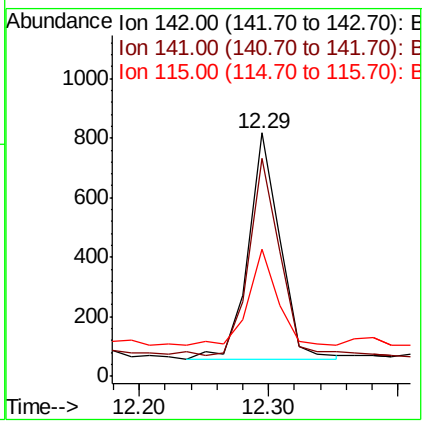


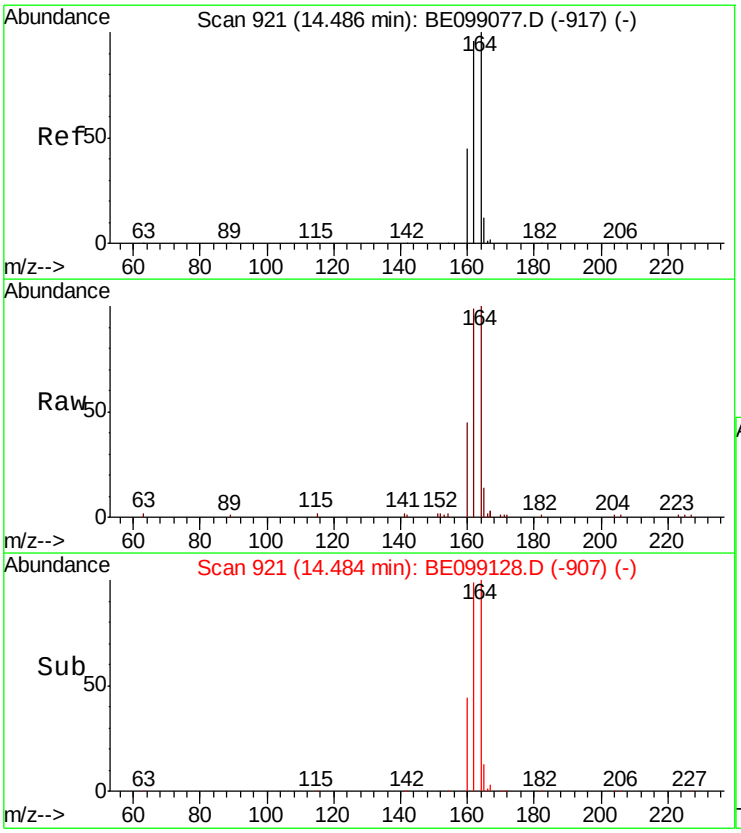
#12
2-Methylnaphthalene
Concen: 0.044 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:142 Resp: 1286

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8
115	52.3	37.4	56.2

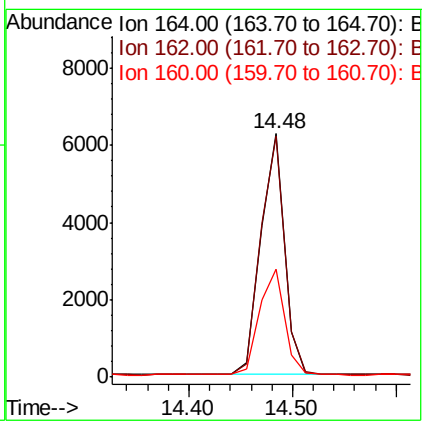


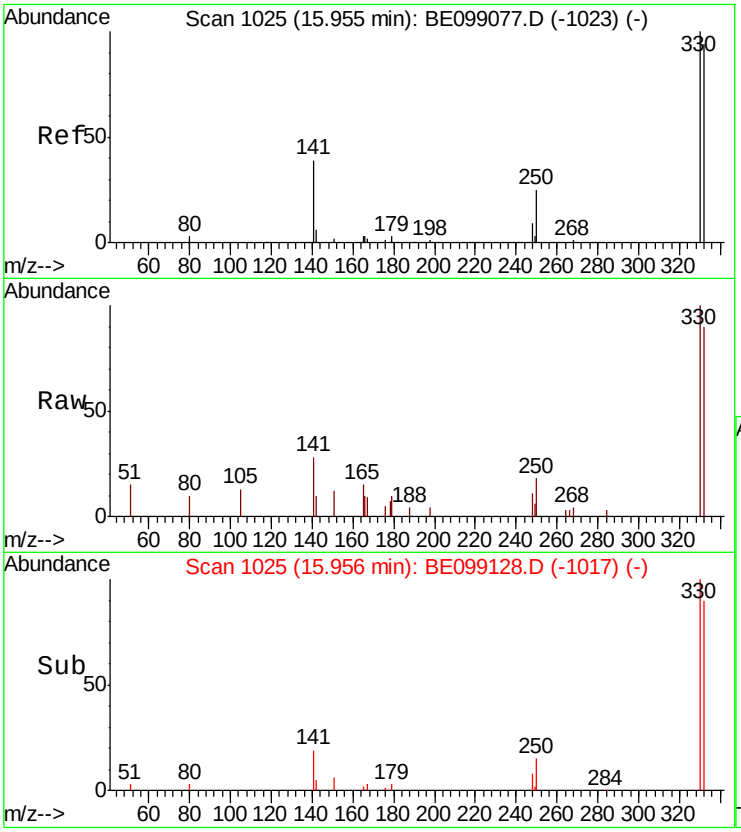


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:164 Resp: 9999

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.2	120.2
160	44.6	37.8	56.8



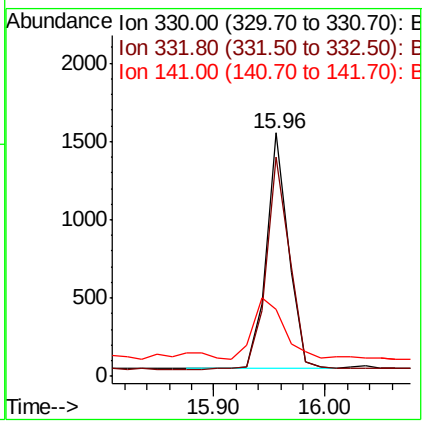


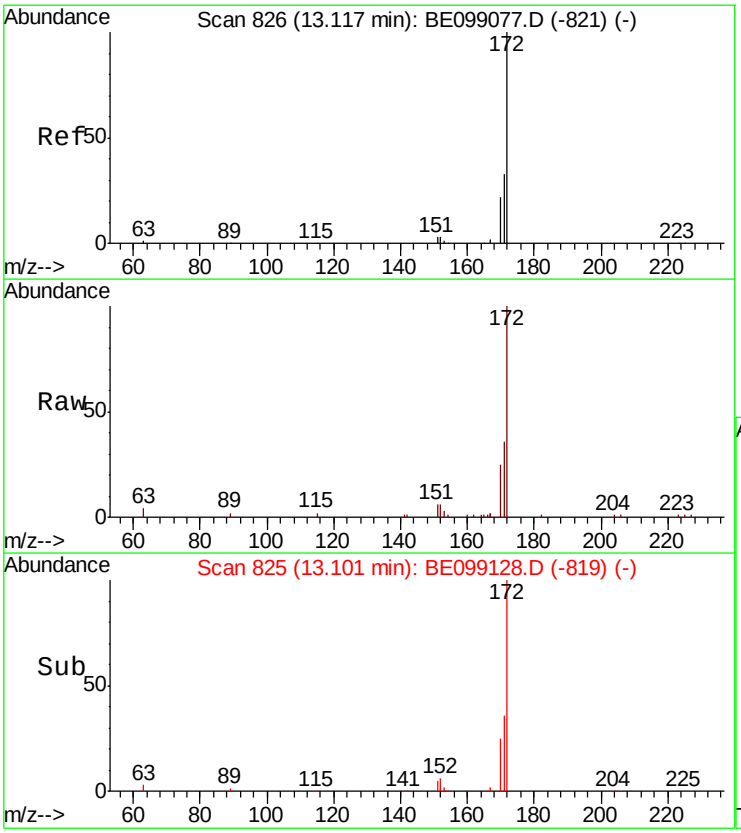
#14
2,4,6-Tribromophenol
Concen: 0.712 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:330 Resp: 2092

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.6	116.4
141	41.3	31.0	46.4

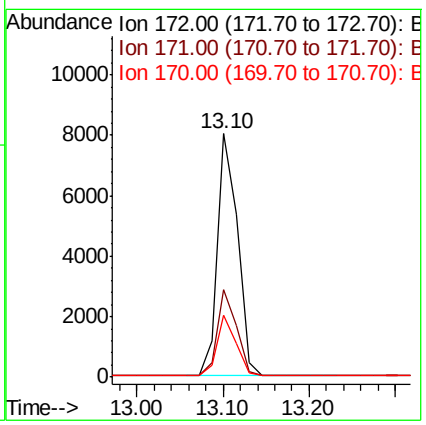


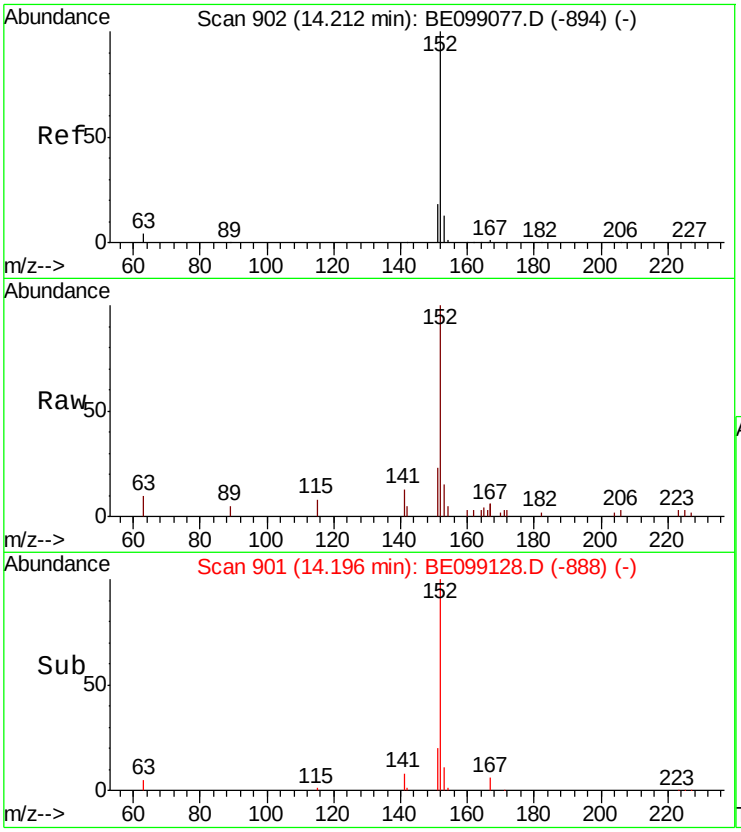


#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:172 Resp: 12930

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.0	42.0
170	25.2	17.7	26.5



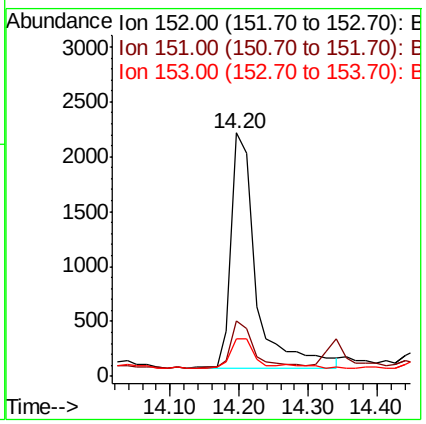


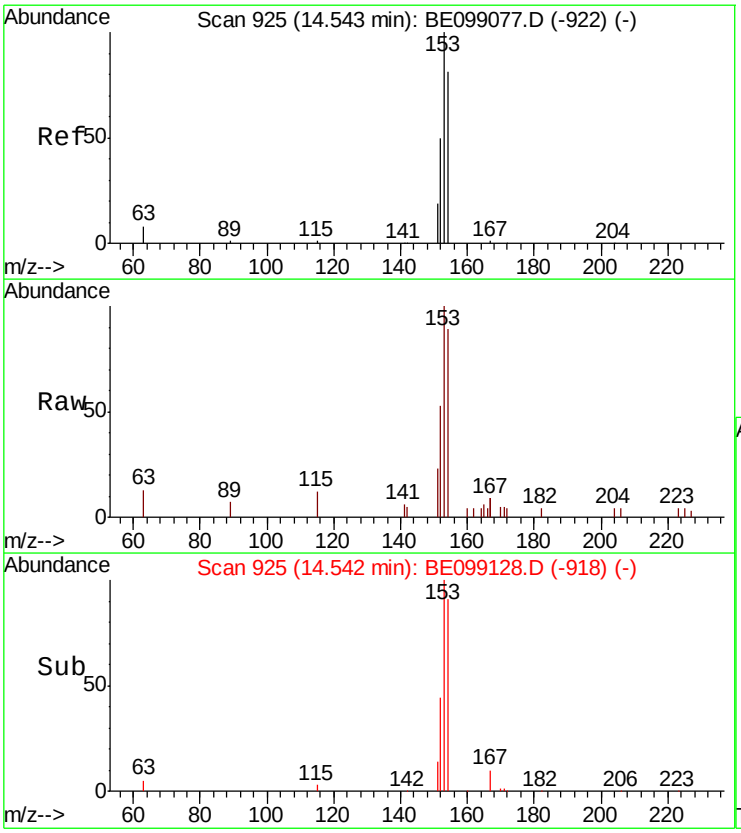
#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:152 Resp: 5317

Ion	Ratio	Lower	Upper
152	100		
151	18.5	17.0	25.6
153	12.3	11.2	16.8

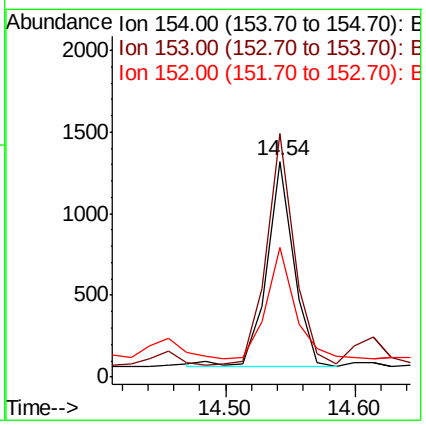


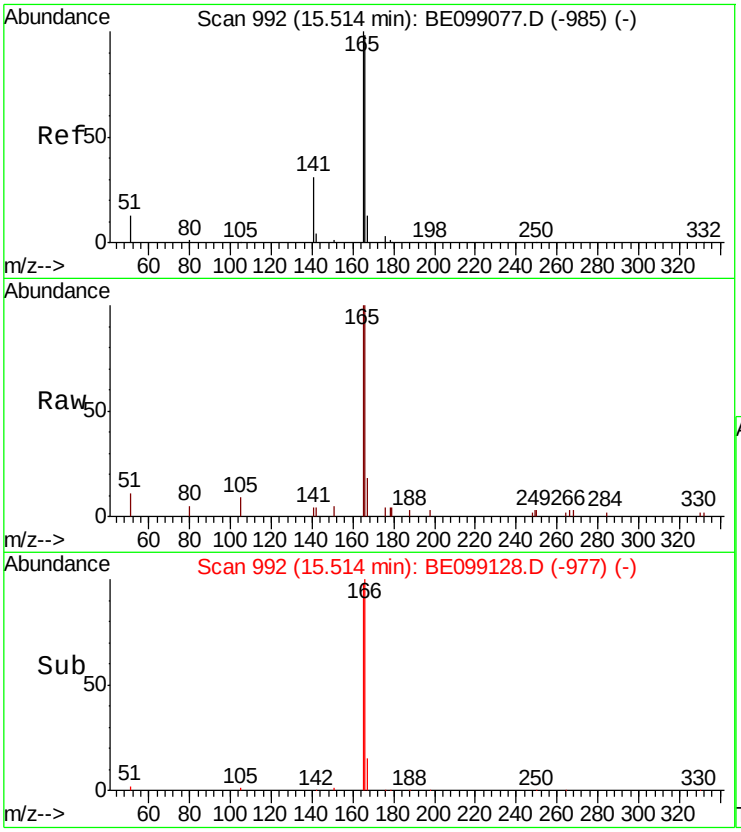


#17
Acenaphthene
Concen: 0.058 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:154 Resp: 1839

Ion	Ratio	Lower	Upper
154	100		
153	117.0	94.2	141.4
152	56.7	45.0	67.4



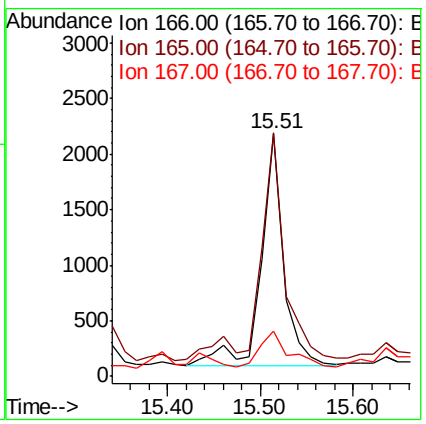


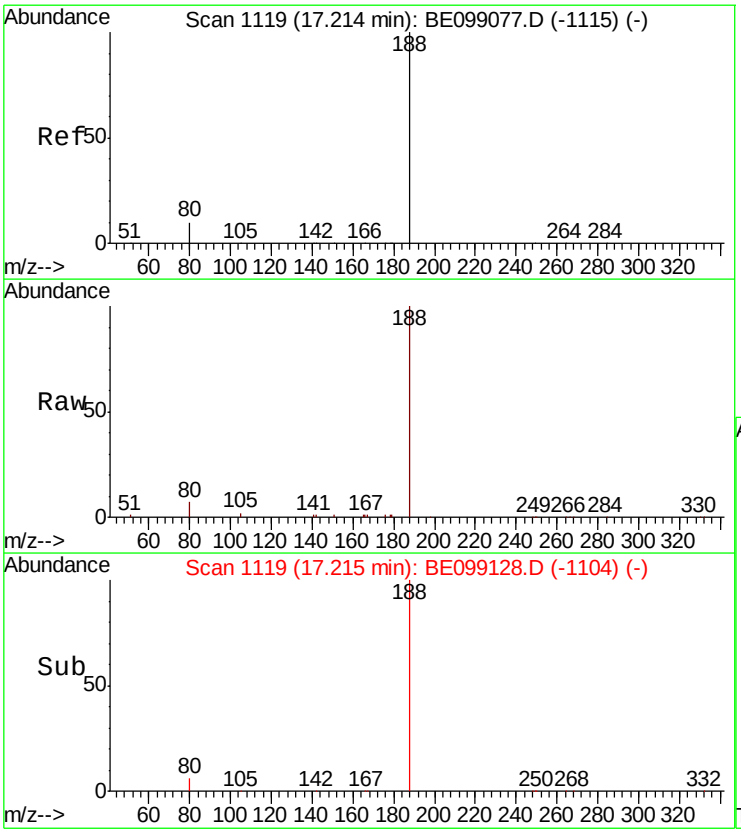
#18
Fluorene
Concen: 0.076 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:166 Resp: 3529

Ion	Ratio	Lower	Upper
166	100		
165	110.3	79.3	118.9
167	19.7	10.5	15.7#

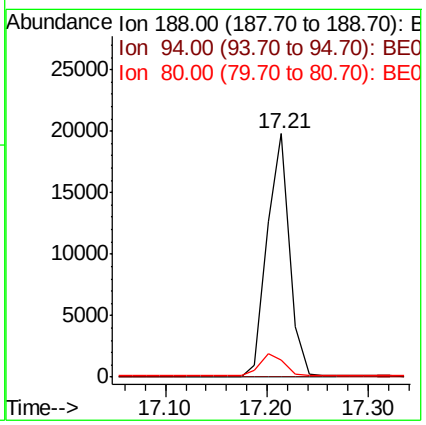


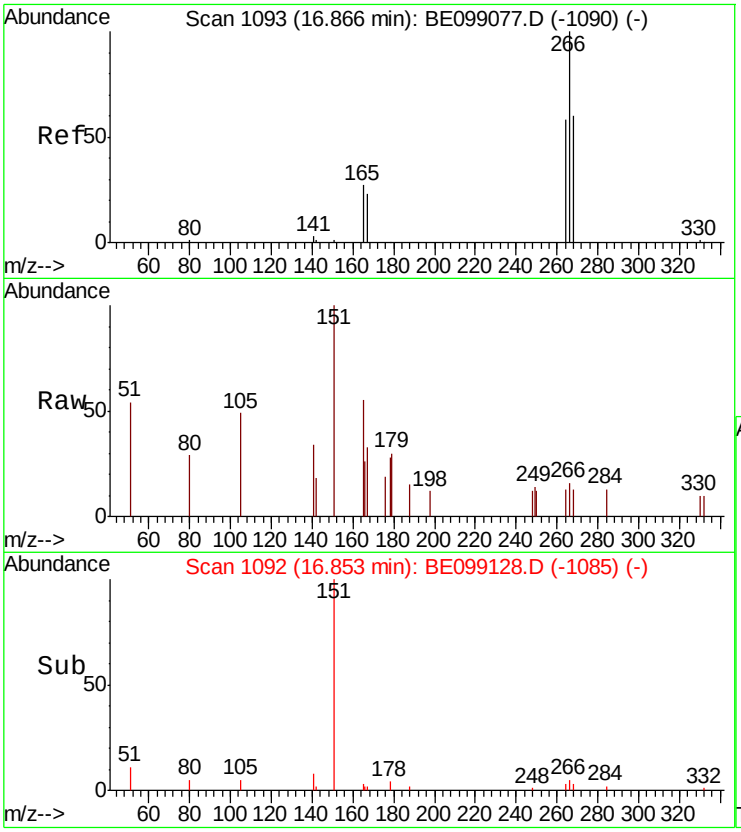


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:188 Resp: 30124

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.3	9.5



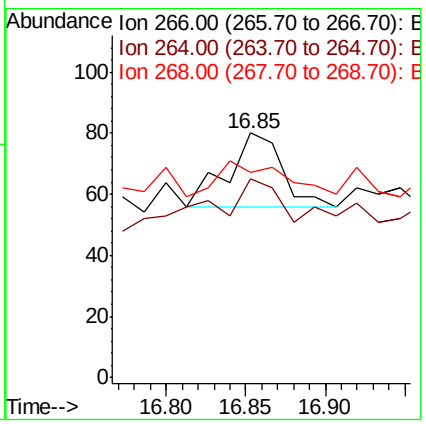


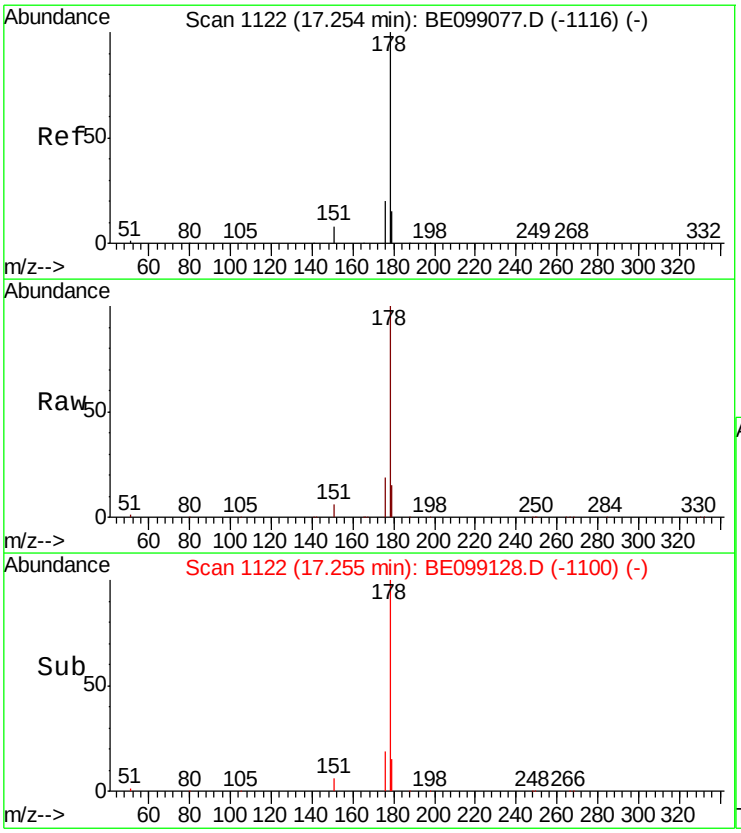
#22
Pentachlorophenol
Concen: 0.260 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
264	81.3	66.6	100.0
268	83.8	69.8	104.8

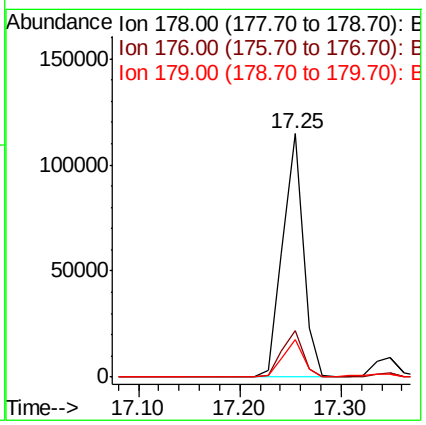


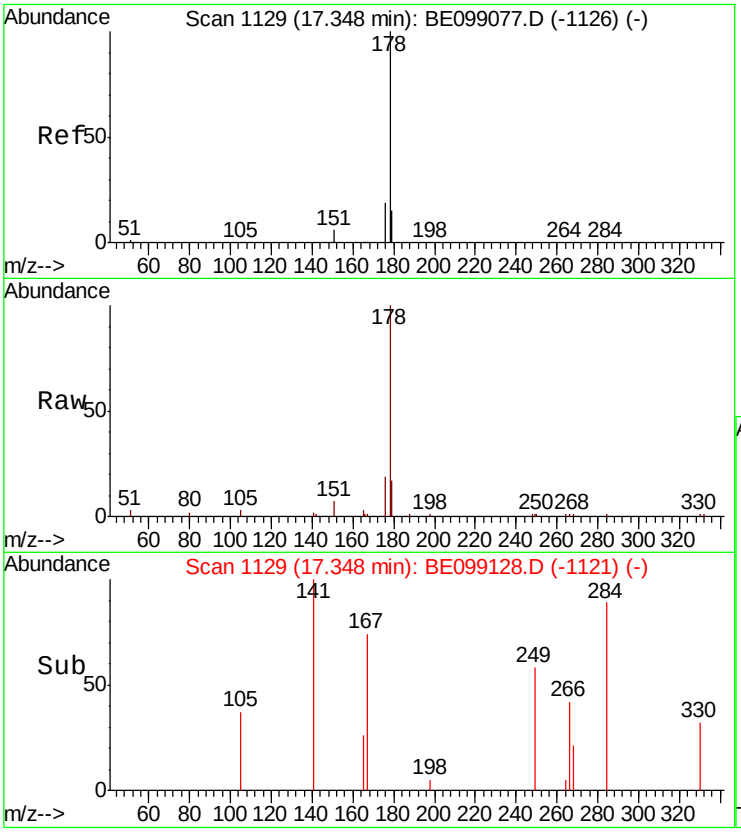


#23
Phenanthrene
Concen: 1.800 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:178 Resp: 160980

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.4	12.1	18.1



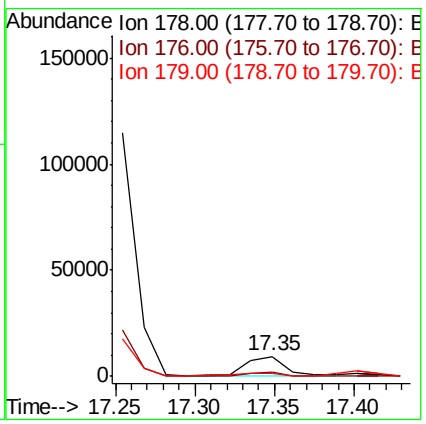


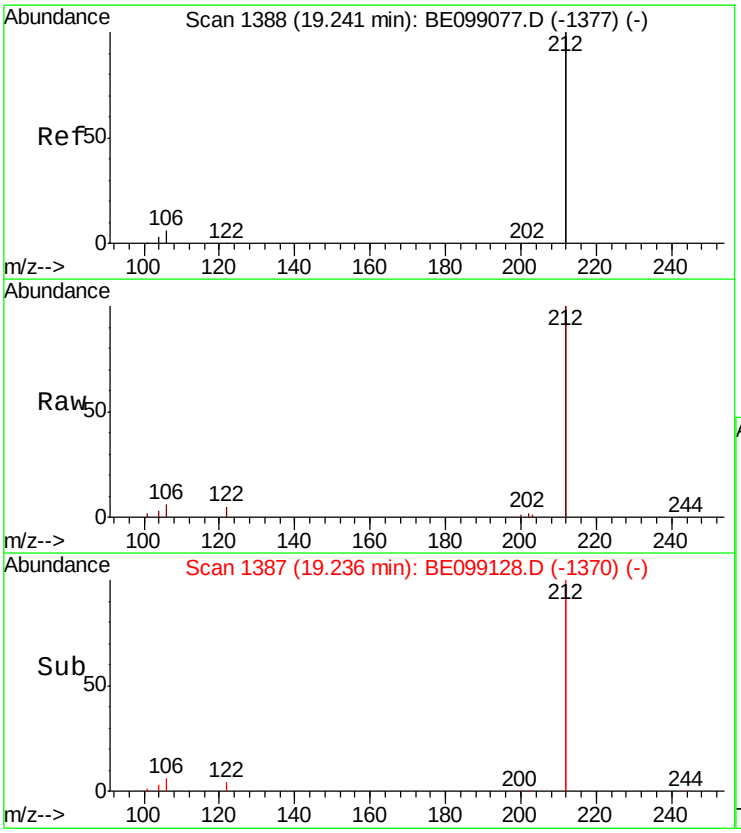
#24
Anthracene
Concen: 0.180 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:178 Resp: 15230

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	19.7	12.2	18.4#

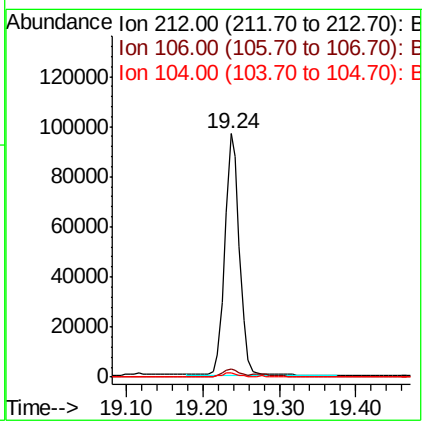


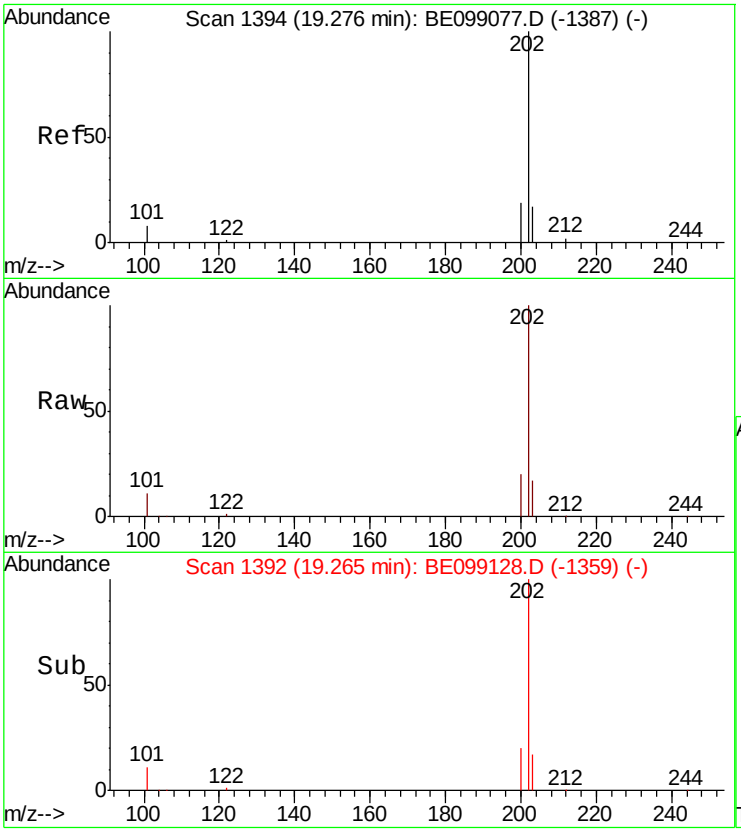


#25
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:212 Resp: 130145

Ion	Ratio	Lower	Upper
212	100		
106	3.3	1.8	2.8#
104	1.7	1.0	1.6#



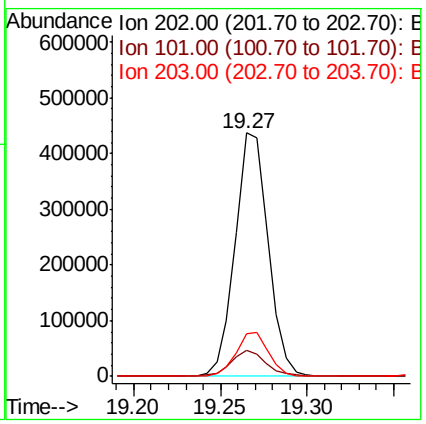


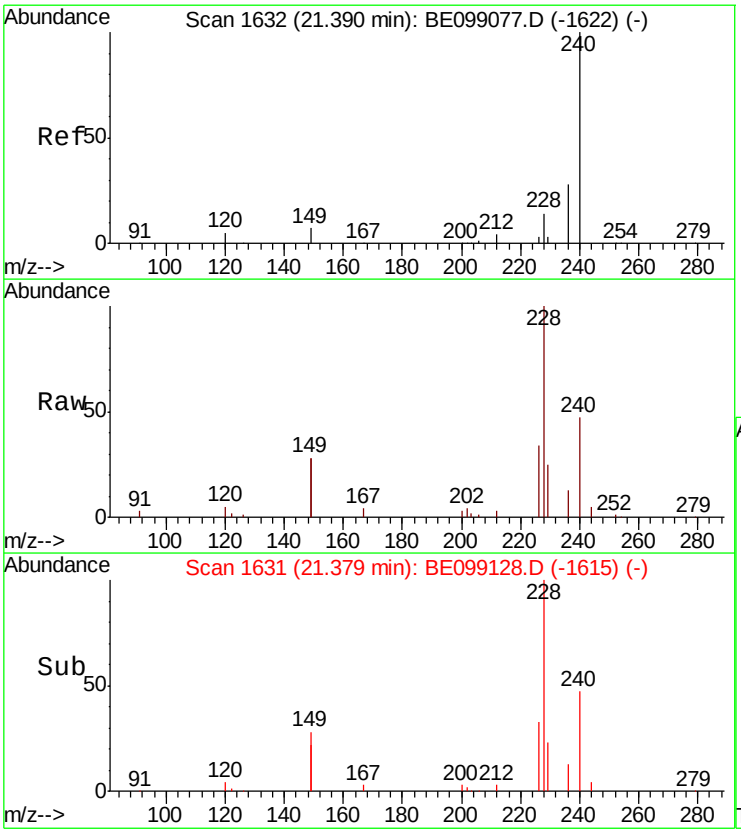
#26
Fluoranthene
Concen: 4.618 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:202 Resp: 581204

Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.3	10.9#
203	17.7	13.4	20.2

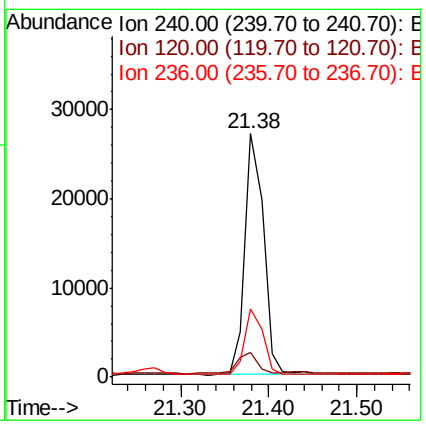


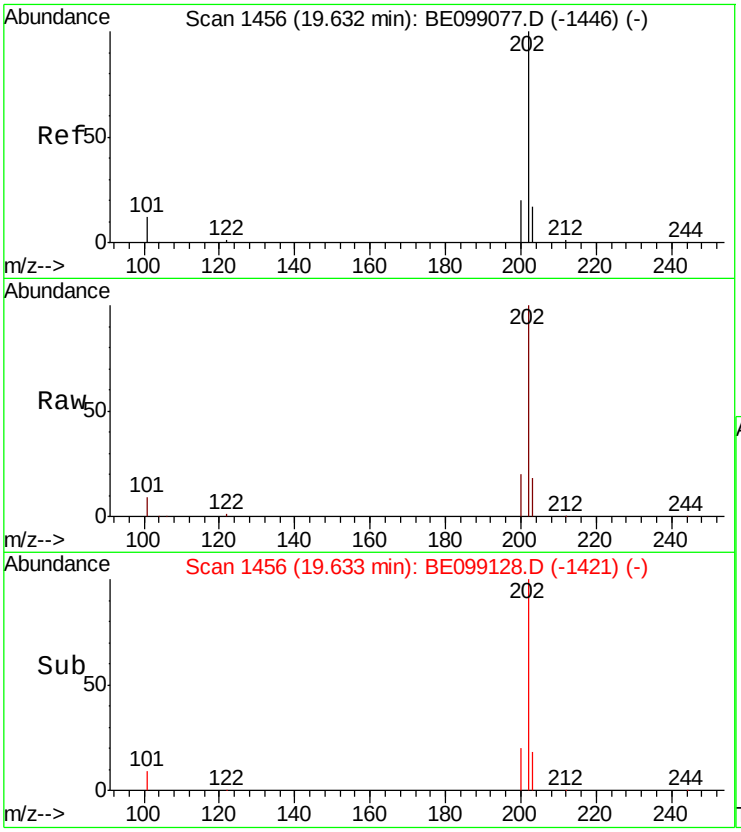


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:240 Resp: 39974

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.0	7.4#
236	27.8	22.7	34.1



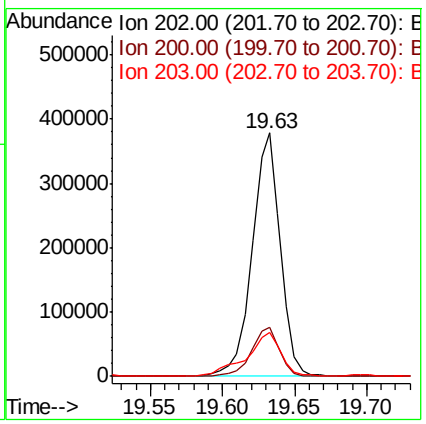


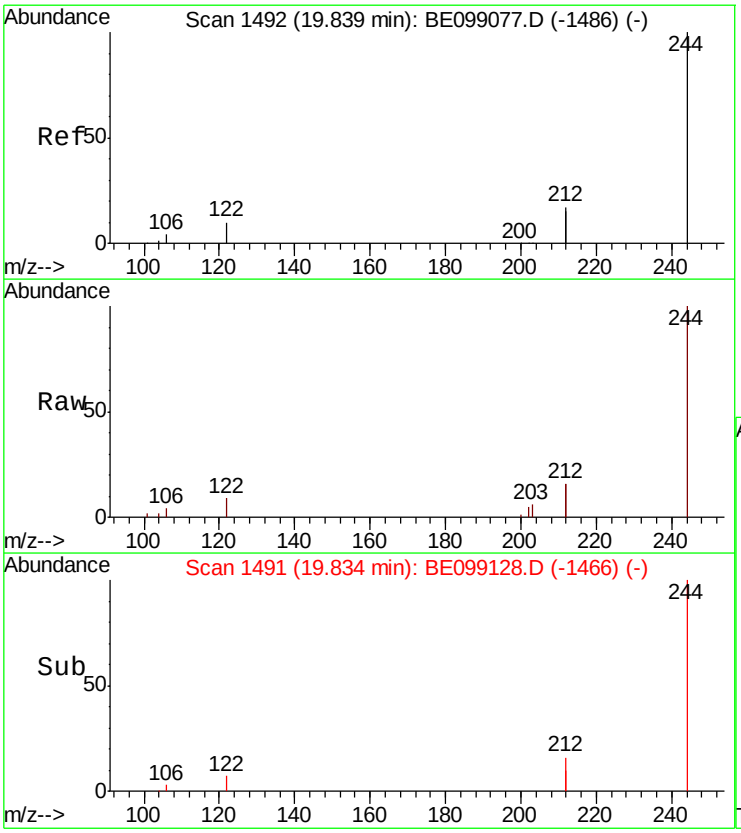
#28
Pyrene
Concen: 3.795 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:202 Resp: 514537

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	21.8	14.2	21.2#

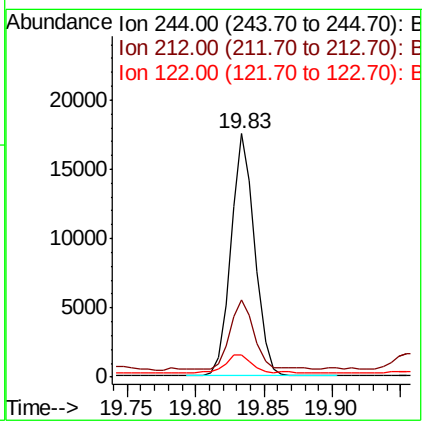


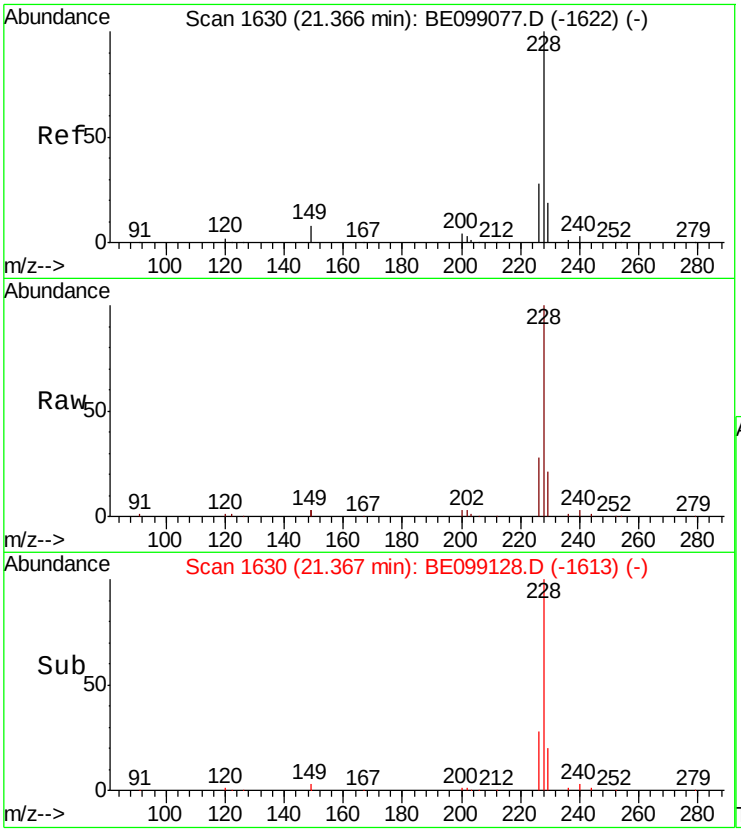


#29
Terphenyl-d14
Concen: 0.249 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:244 Resp: 21081

Ion	Ratio	Lower	Upper
244	100		
212	31.9	29.4	44.2
122	9.1	7.1	10.7



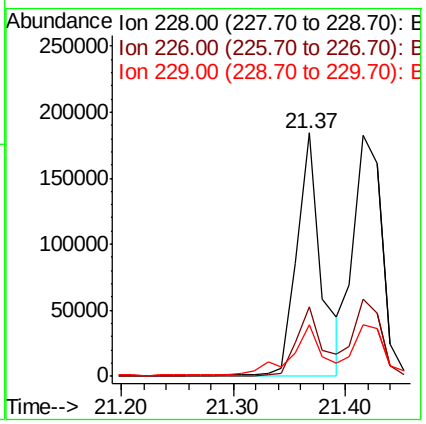


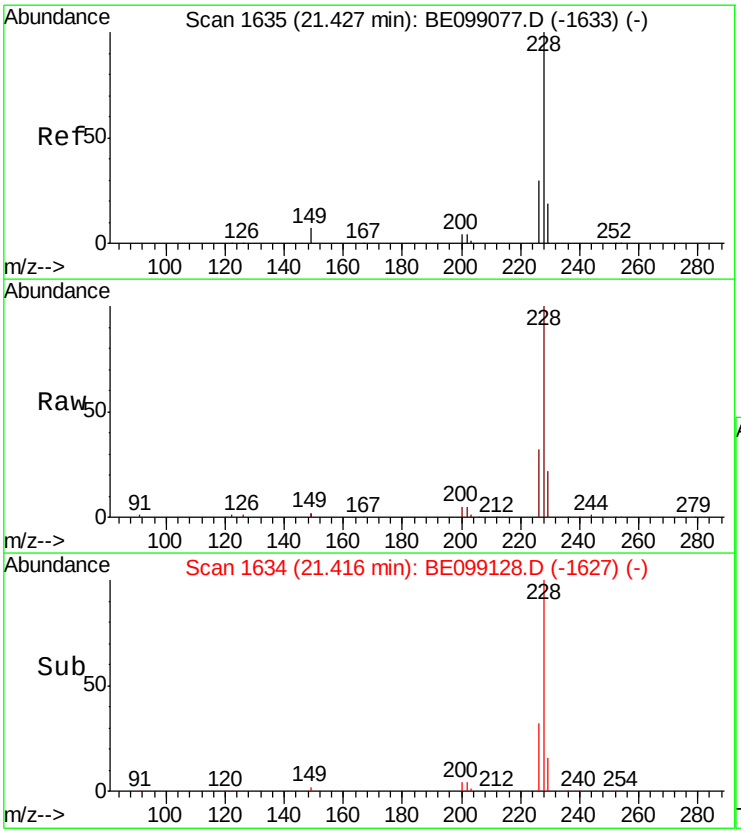
#30
Benzo(a)anthracene
Concen: 1.962 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:228 Resp: 276351

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	21.0	16.5	24.7

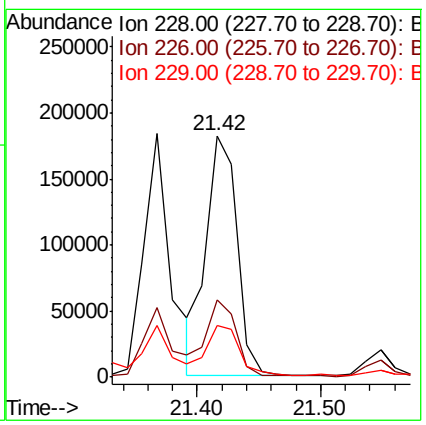


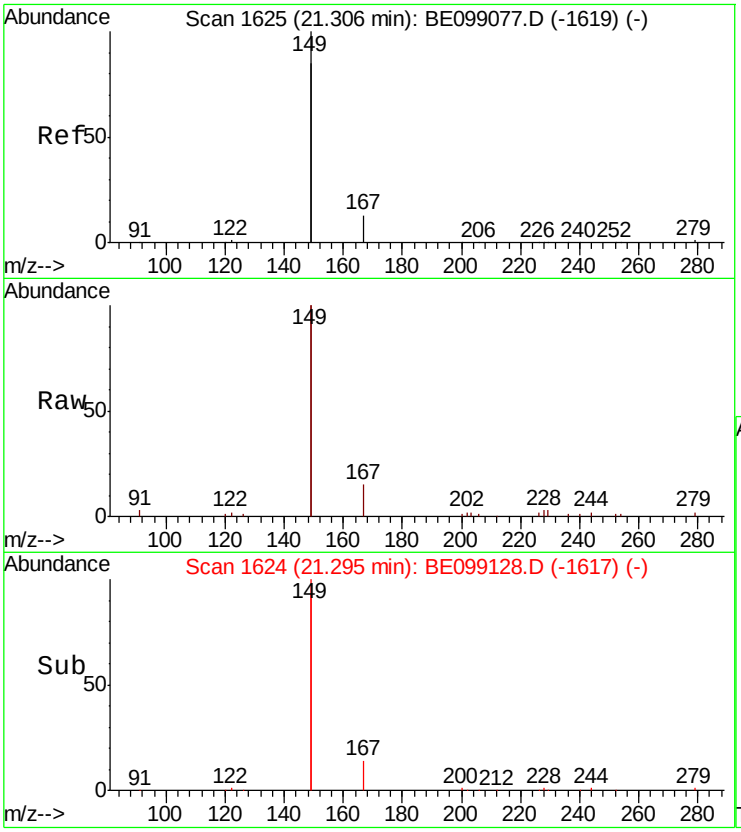


#31
Chrysene
Concen: 2.262 ng
RT: 21.42 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:228 Resp: 318386

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.7	35.5
229	21.5	16.1	24.1



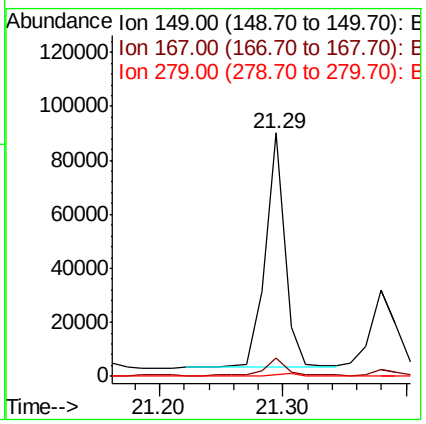


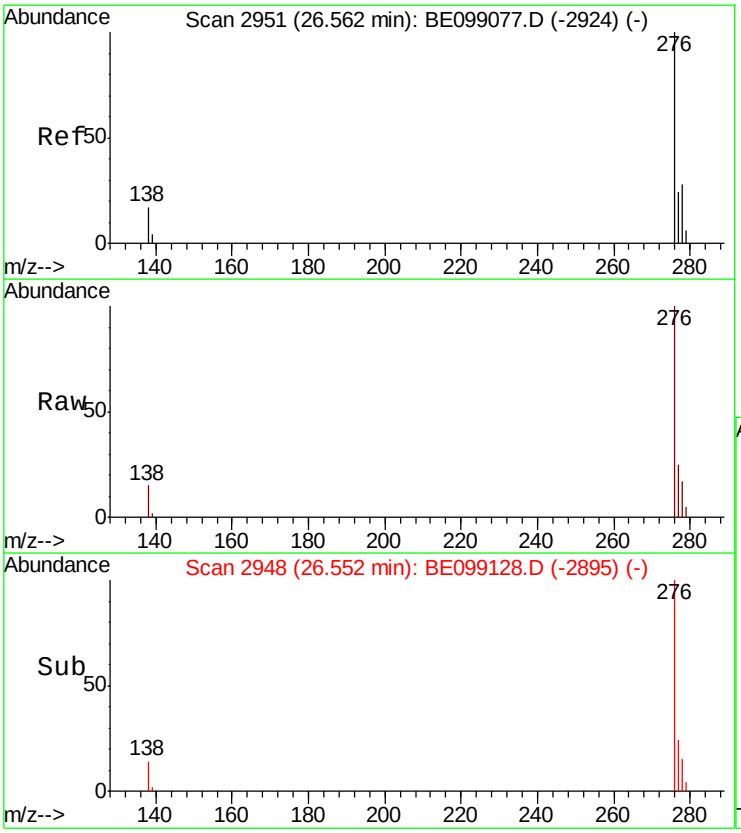
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.534 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:149 Resp: 97504

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.2	1.0	1.4

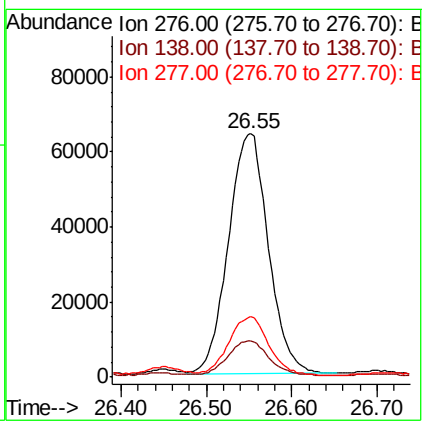


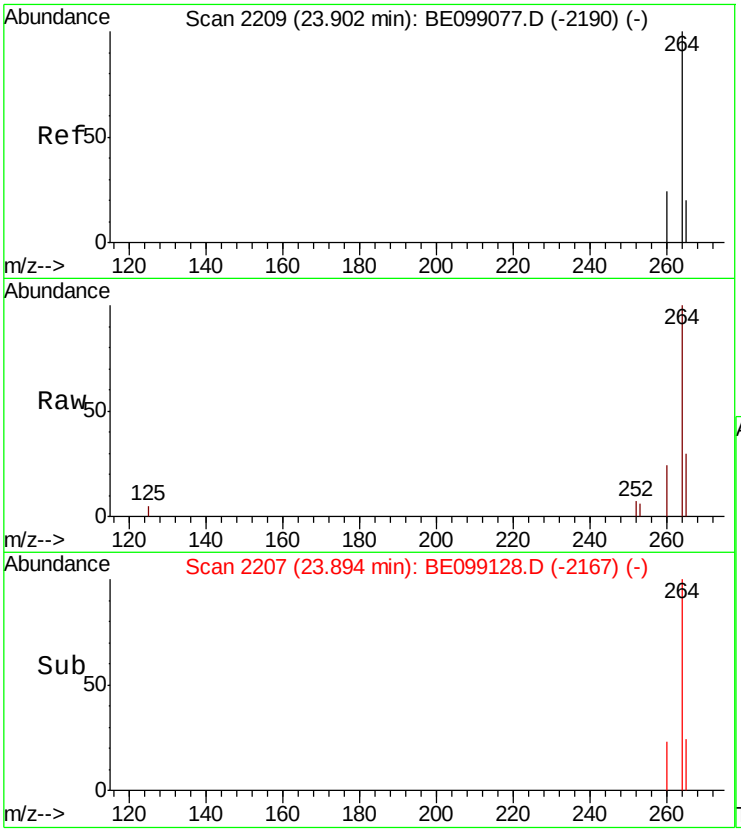


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.376 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:276 Resp: 208130

Ion	Ratio	Lower	Upper
276	100		
138	14.8	13.8	20.8
277	24.5	19.5	29.3



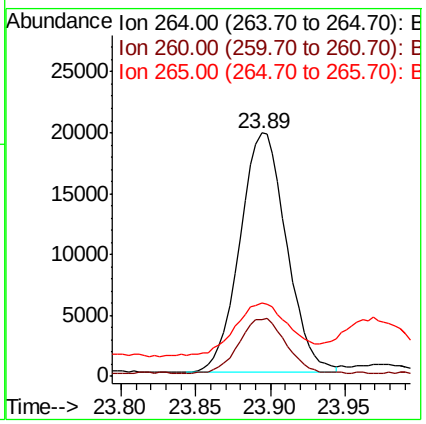


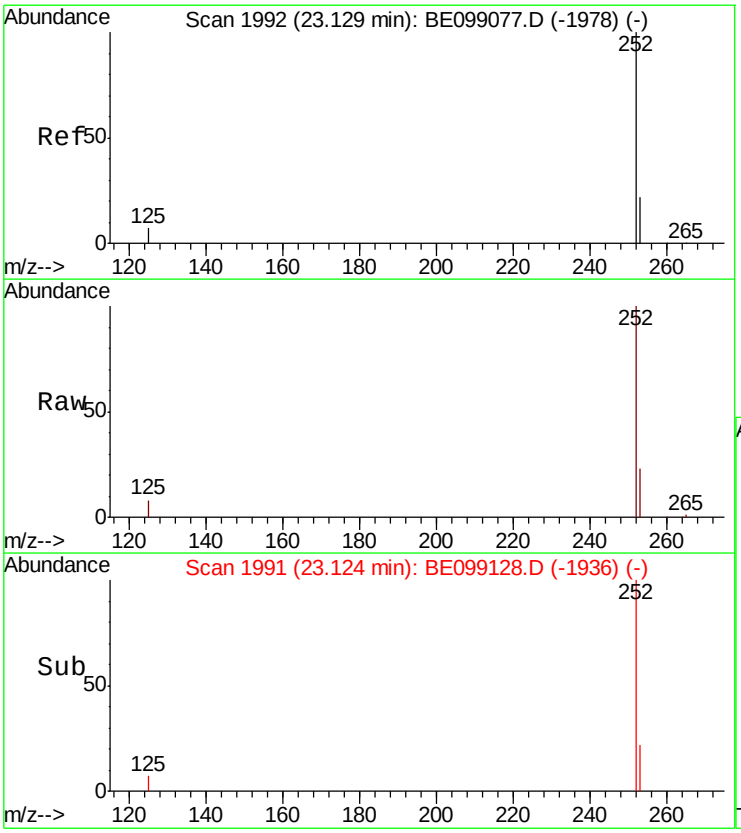
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:264 Resp: 42845

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	30.2	24.6	36.8

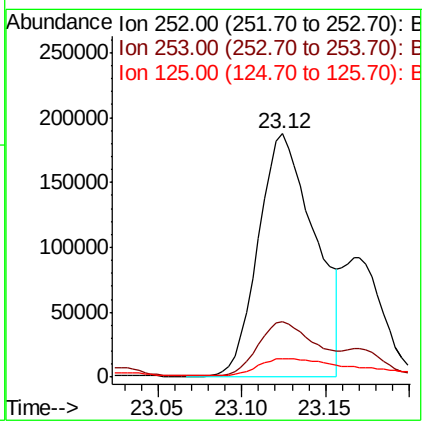


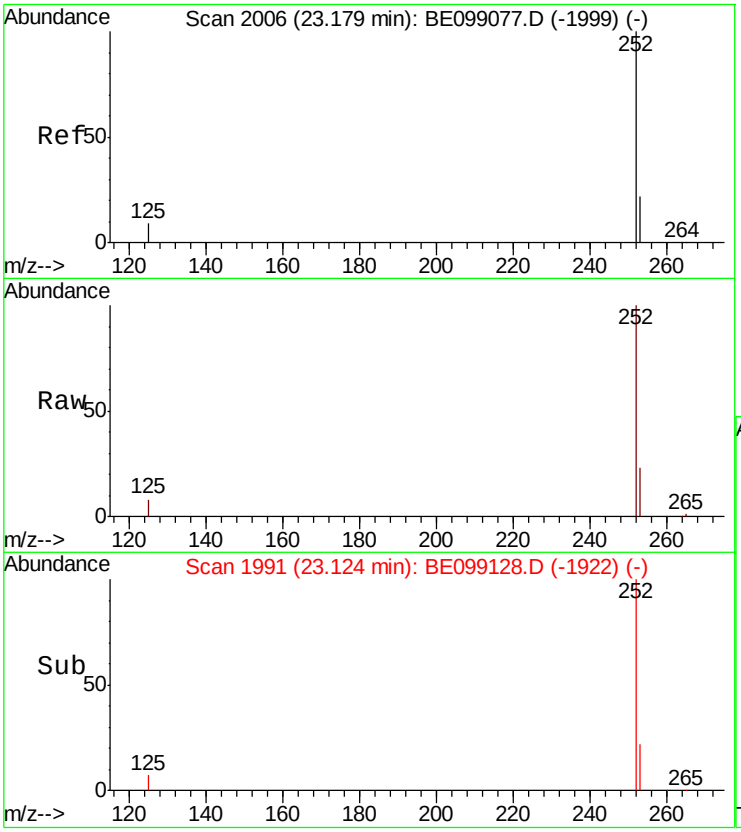


#35
Benzo(b)fluoranthene
Concen: 2.951 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:252 Resp: 437396

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	7.6	7.3	10.9



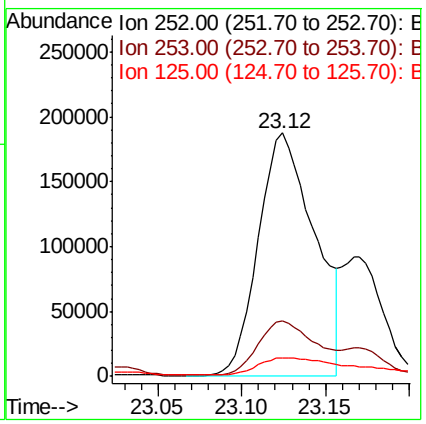


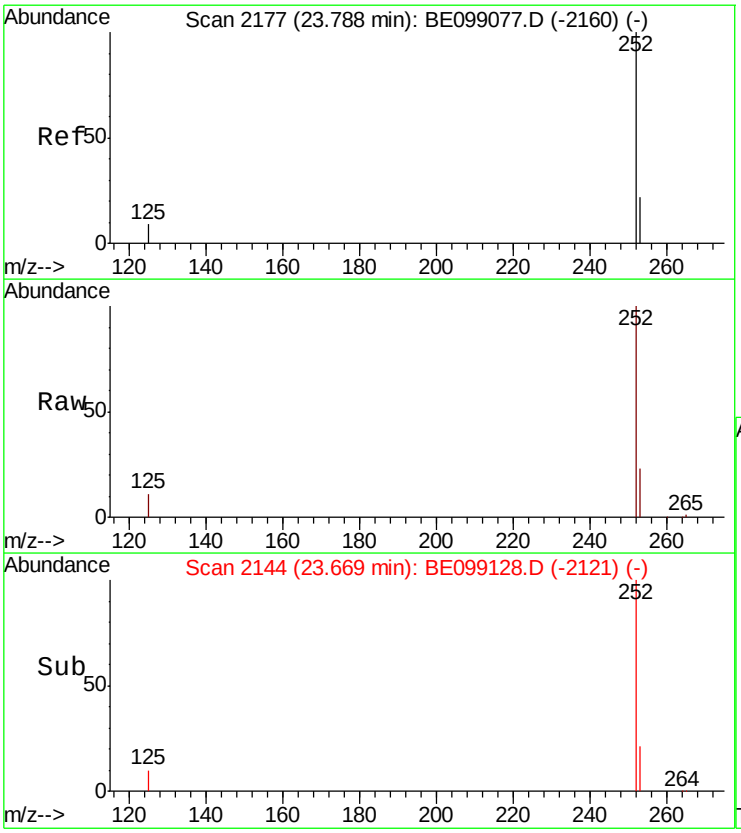
#36
Benzo(k)fluoranthene
Concen: 3.012 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:252 Resp: 437396

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.3	28.9
125	7.6	7.5	11.3

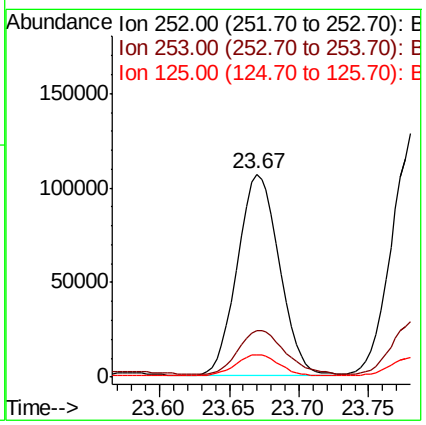


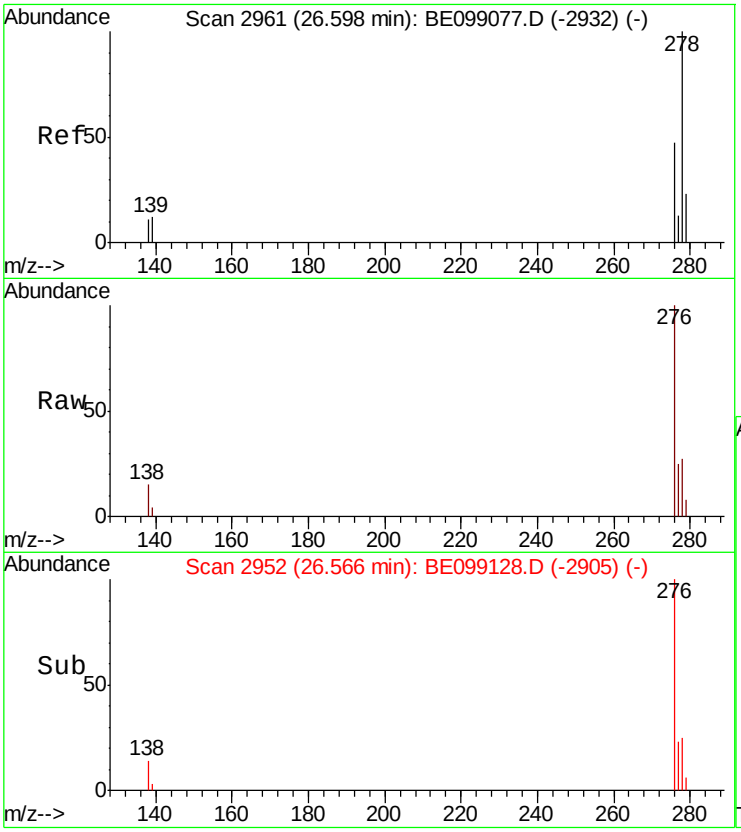


#37
Benzo(a)pyrene
Concen: 1.628 ng
RT: 23.67 min Scan# 2144
Delta R.T. -0.12 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:252 Resp: 223021

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	10.7	9.0	13.4



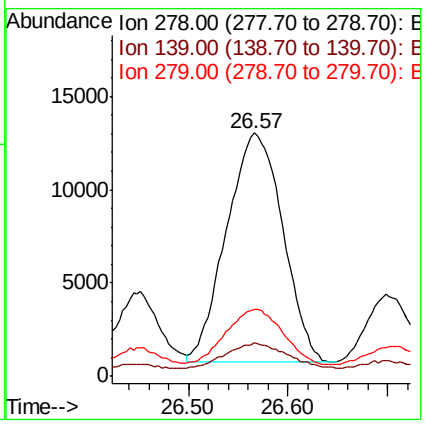


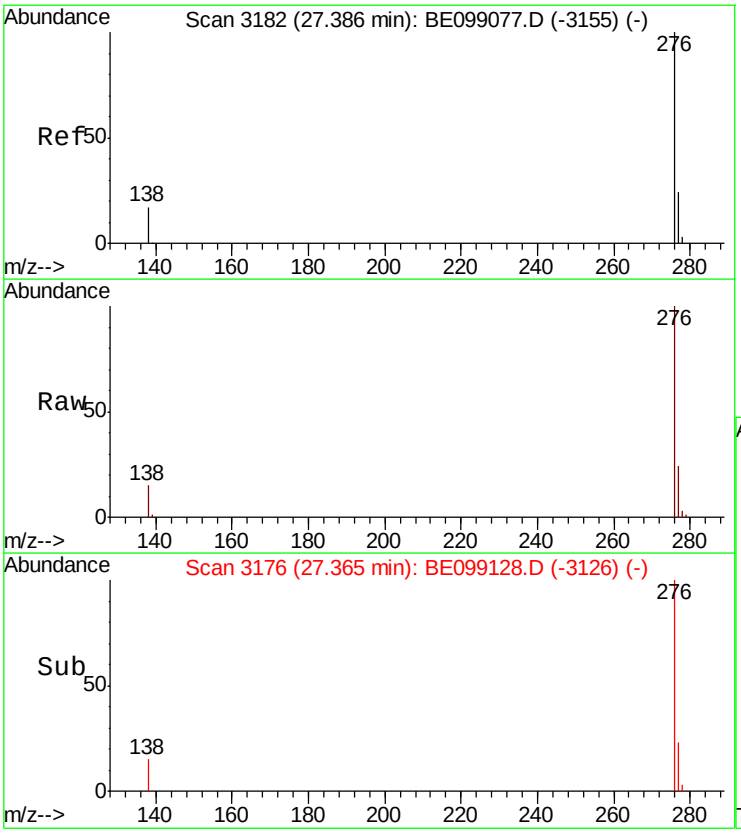
#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Instrument :
BNA_E
ClientSampleId :
PST-025-B125-031319

Tgt Ion:278 Resp: 48198

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.8	17.6
279	27.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 1.574 ng
RT: 27.36 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BE099128.D
Acq: 24 Mar 2019 1:51

Tgt Ion:276 Resp: 215328

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.4	30.6
138	15.4	13.6	20.4