Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099375.D
Acq On : 26 Apr 2019 13:17
Operator : JU/SJ
Sample : K2533-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-025-B031-042219

Quant Time: Apr 26 14:40:31 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	2342	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9209	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6472	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17688	0.40	ng	0.00
27) Chrysene-d12	21.37	240	19475	0.40	ng	0.00
34) Perylene-d12	23.87	264	21458	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	16256	2.84	ng	0.00
5) Phenol-d6	6.98	99	23035	2.82	ng	0.00
8) Nitrobenzene-d5	8.97	82	20425	2.86	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	11779	0.72	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	8525	3.97	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	59182	2.33	ng	0.00
25) Fluoranthene-d10	19.22	212	139971	0.66	ng	0.00
29) Terphenyl-d14	19.82	244	100752	2.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	2292	0.699	ng	# 77
3) n-Nitrosodimethylamine	3.64	42	1607	0.911	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	5999	0.787	ng	99
9) Naphthalene	10.65	128	83115	0.827	ng	99
10) Hexachlorobutadiene	10.94	225	5560	0.872	ng	98
12) 2-Methylnaphthalene	12.27	142	14600	0.854	ng	96
16) Acenaphthylene	14.18	152	26798	0.916	ng	99
17) Acenaphthene	14.52	154	14986	0.831	ng	98
18) Fluorene	15.49	166	21534	0.831	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	8753	0.893	ng	94
21) Hexachlorobenzene	16.49	284	8089	0.859	ng	99
22) Pentachlorophenol	16.84	266	3908	1.248	ng	95
23) Phenanthrene	17.23	178	43434	0.927	ng	100
24) Anthracene	17.32	178	36171	0.868	ng	99
26) Fluoranthene	19.25	202	72132	1.151	ng	98
28) Pyrene	19.61	202	72439	1.263	ng	98
30) Benzo(a)anthracene	21.34	228	67326	1.176	ng	99
31) Chrysene	21.40	228	65948	1.082	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	97581	1.873	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	68032	1.131	ng	96
35) Benzo(b)fluoranthene	23.14	252	57084	0.869	ng	98
36) Benzo(k)fluoranthene	23.14	252	57503	0.878	ng	99
37) Benzo(a)pyrene	23.75	252	59320	1.008	ng	97
38) Dibenzo(a,h)anthracene	26.53	278	49563	0.824	ng	98
39) Benzo(g,h,i)perylene	27.32	276	56485	0.926	ng	97

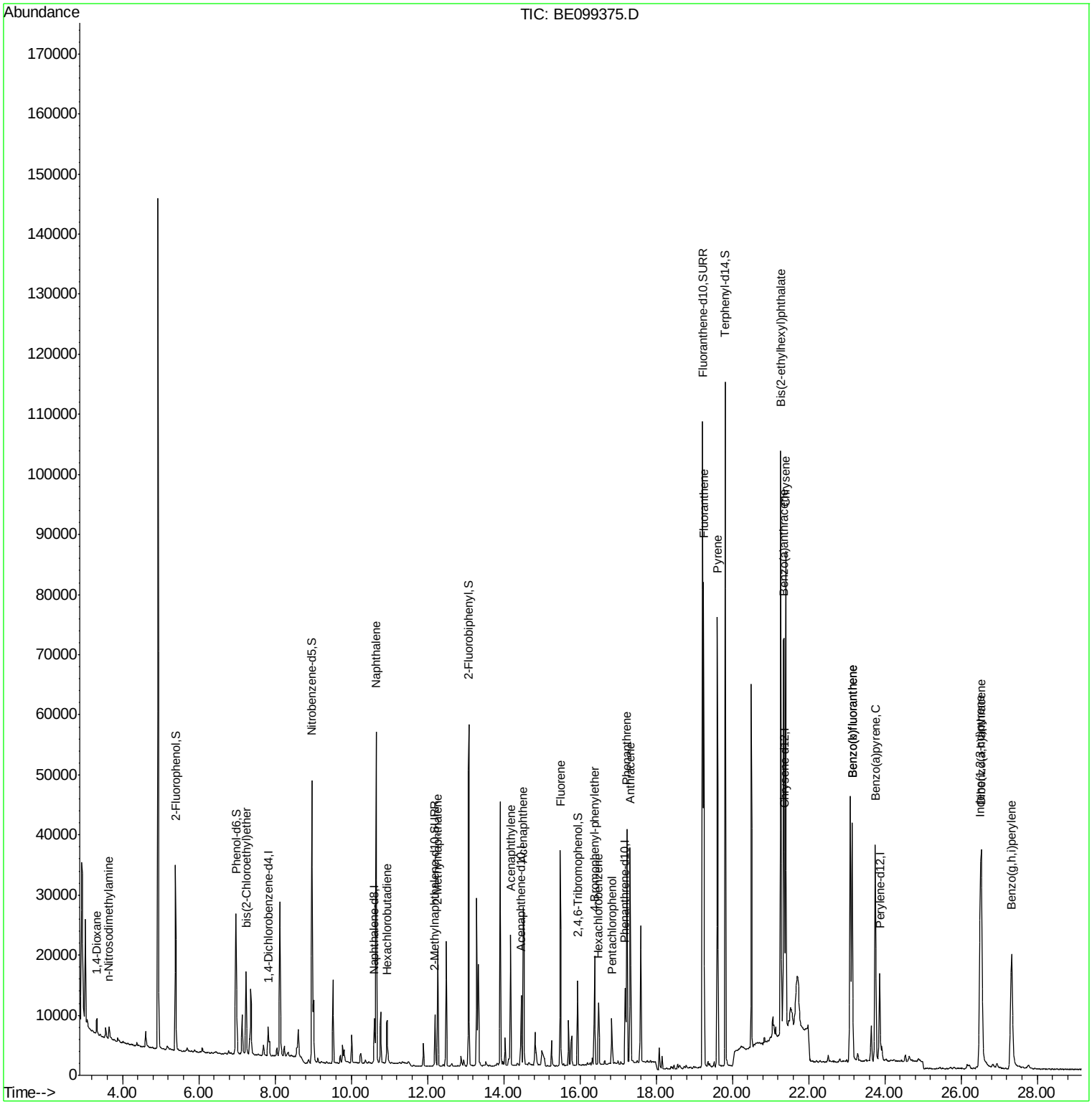
(#) = qualifier out of range (m) = manual integration (+) = signals summed

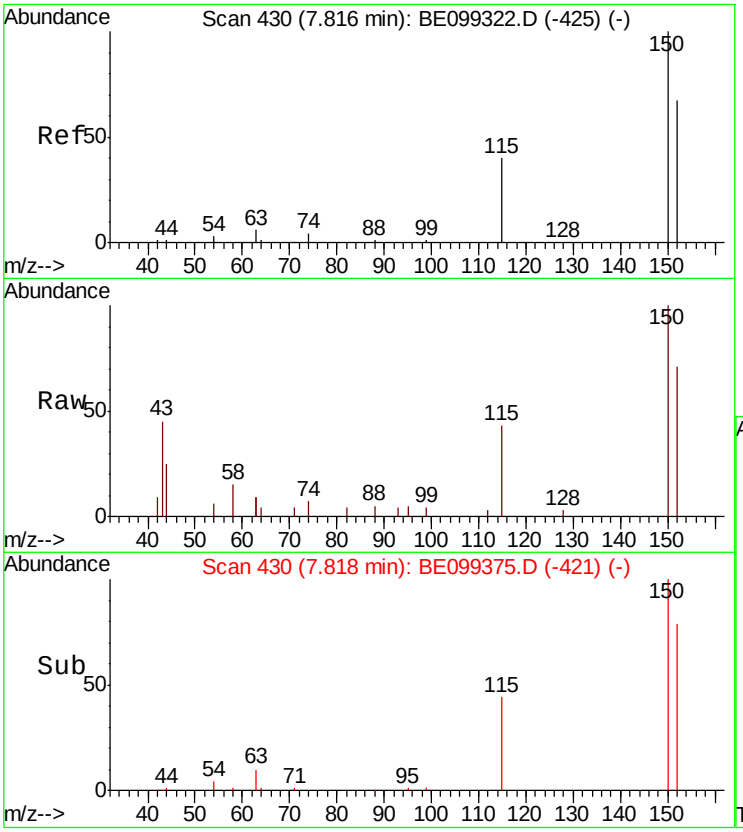
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099375.D
Acq On : 26 Apr 2019 13:17
Operator : JU/SJ
Sample : K2533-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Quant Time: Apr 26 14:40:31 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



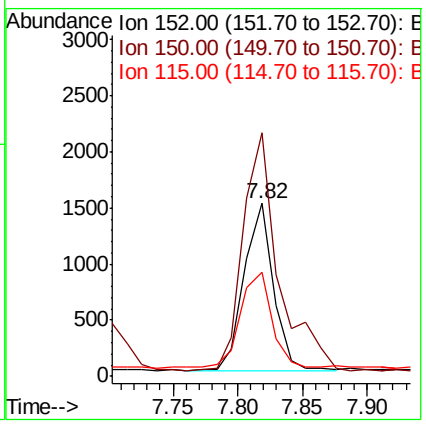


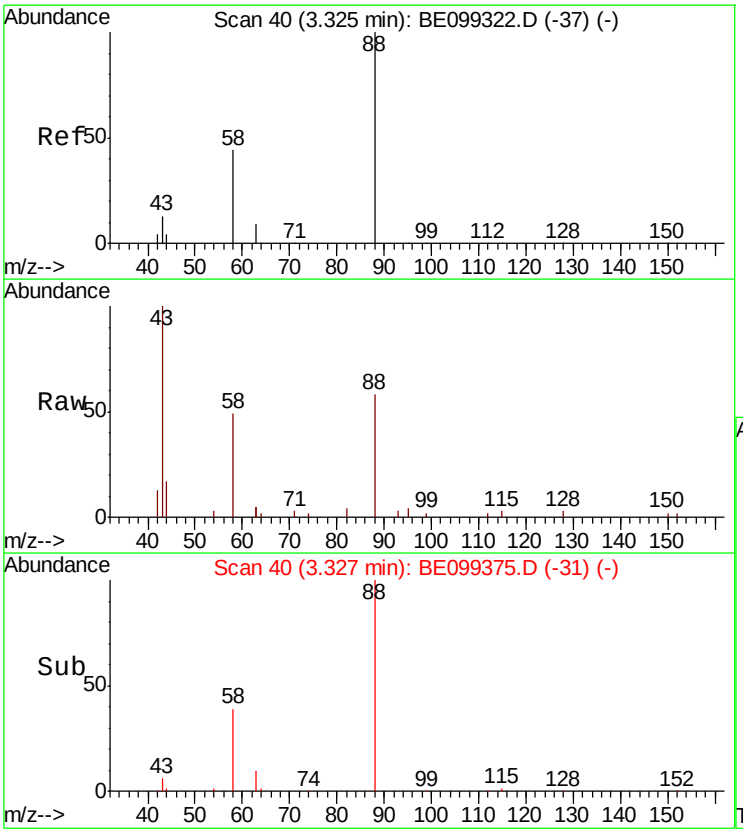
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:152 Resp: 2342

Ion	Ratio	Lower	Upper
152	100		
150	141.0	119.5	179.3
115	60.0	47.5	71.3

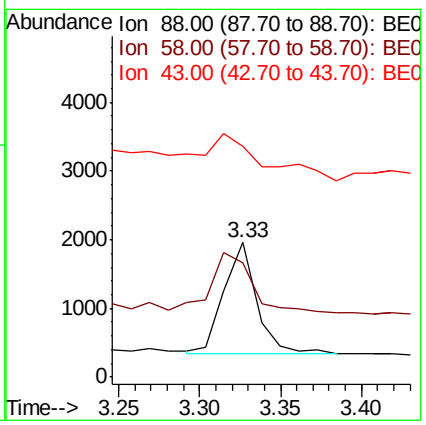


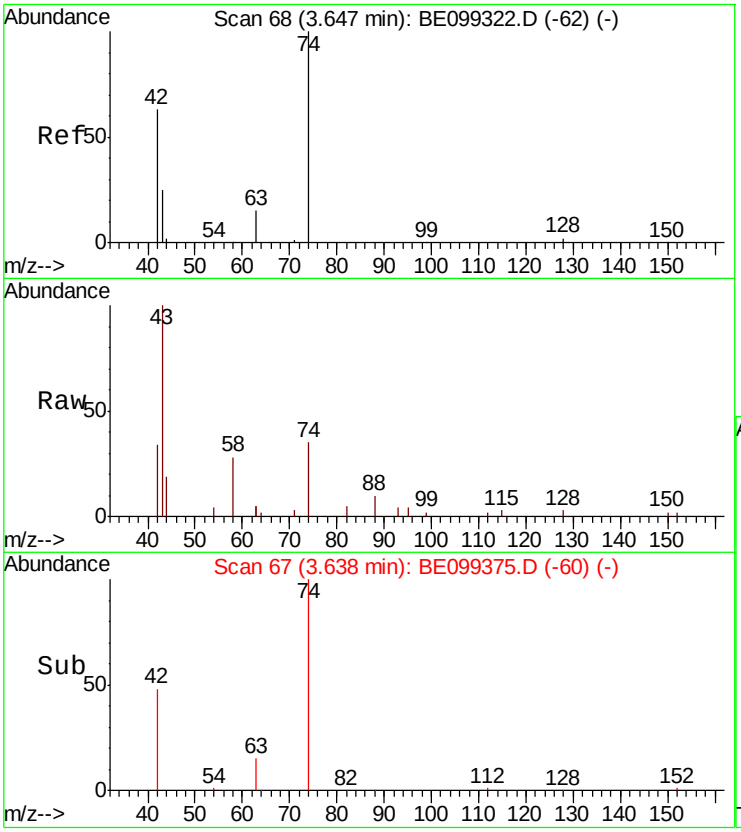


#2
1,4-Dioxane
Concen: 0.699 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion: 88 Resp: 2292

Ion	Ratio	Lower	Upper
88	100		
58	64.1	49.1	73.7
43	59.3	17.9	26.9#



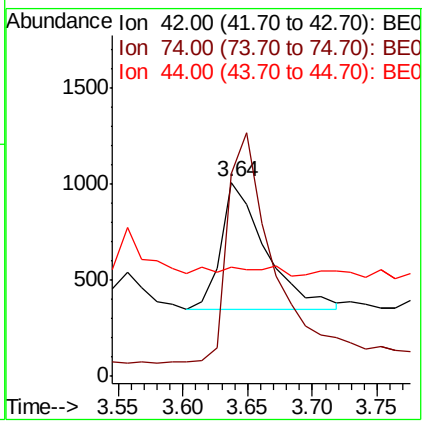


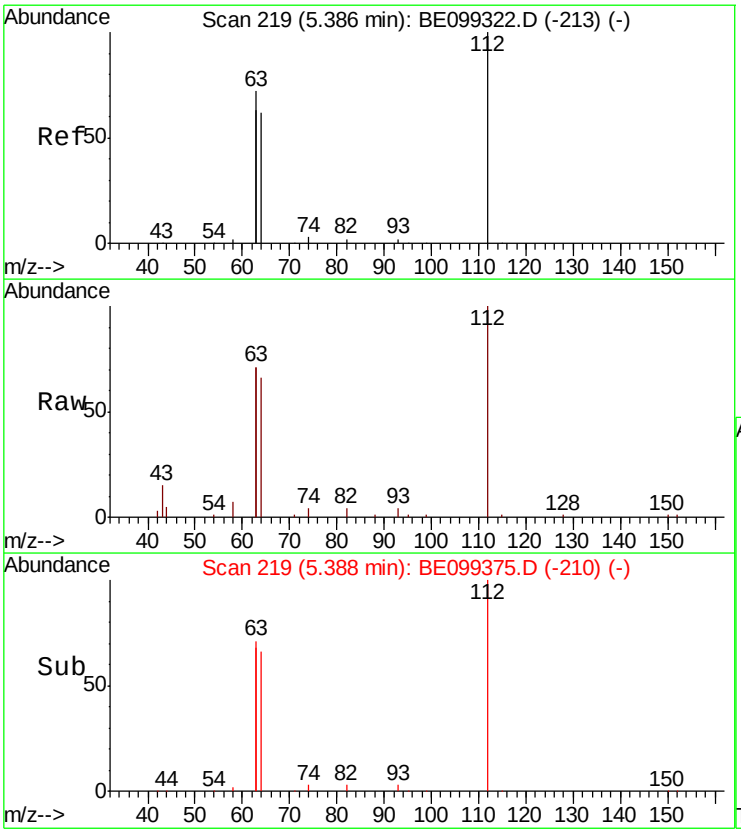
#3
n-Nitrosodimethylamine
Concen: 0.911 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion: 42 Resp: 1607

Ion	Ratio	Lower	Upper
42	100		
74	181.6	145.8	218.8
44	0.0	9.0	13.4#

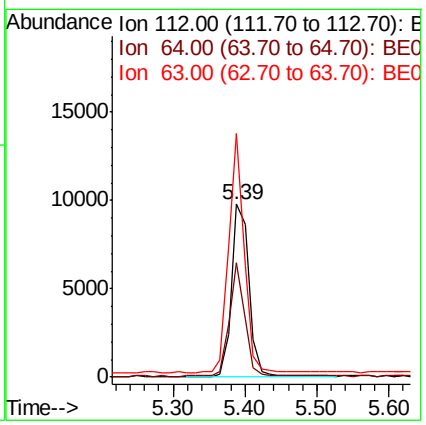


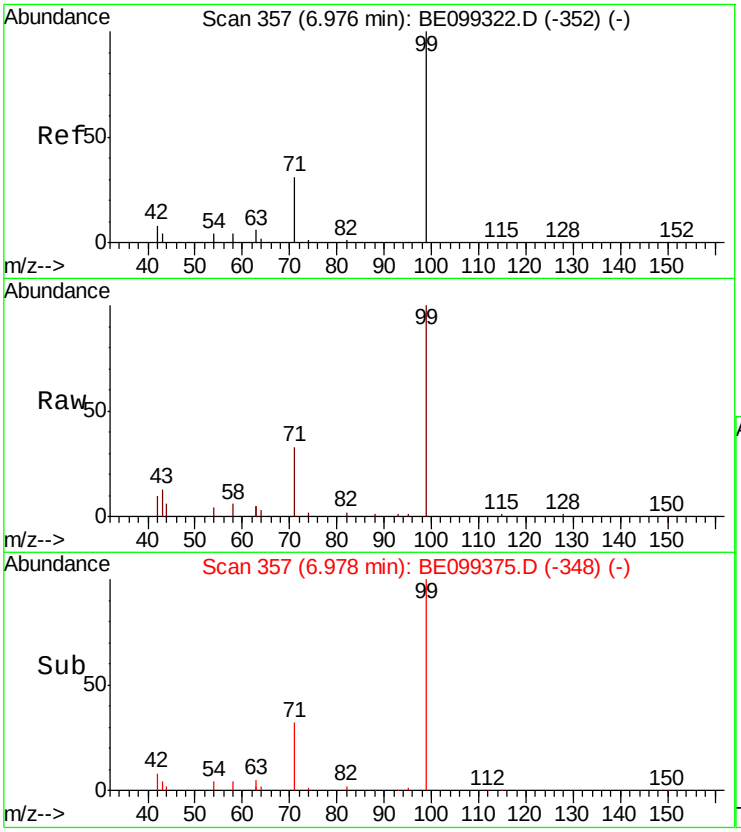


#4
2-Fluorophenol
Concen: 2.840 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:112 Resp: 16256

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.9	67.3
63	122.9	97.4	146.0



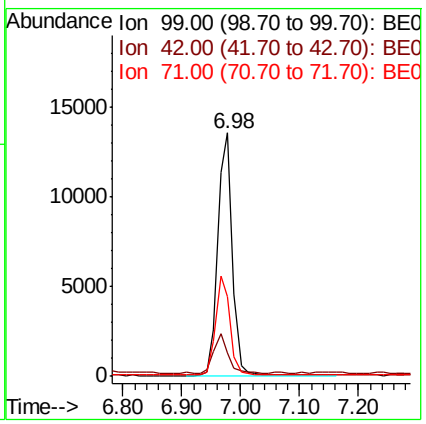


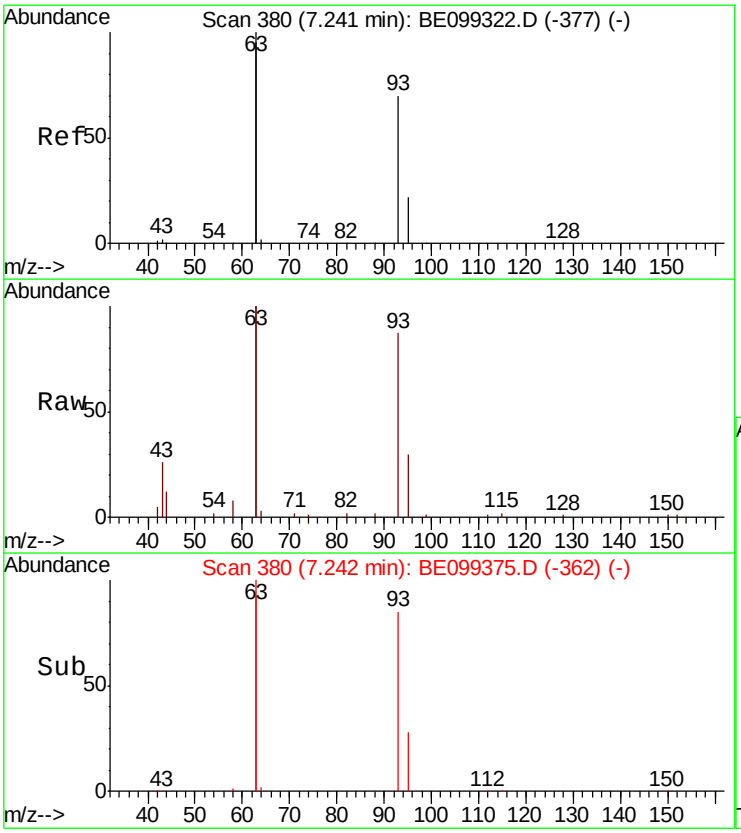
#5
Phenol-d6
Concen: 2.821 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion: 99 Resp: 23035

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.7	17.5
71	39.3	29.6	44.4

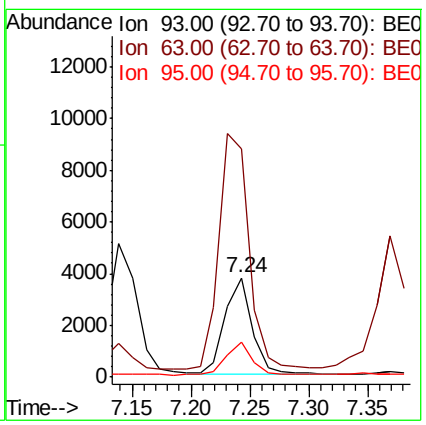


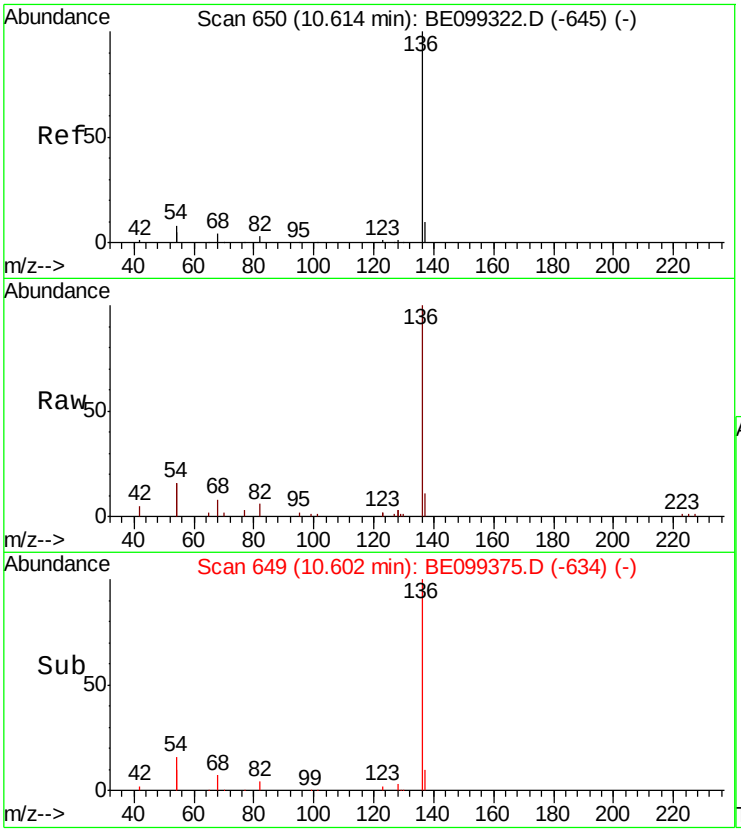


#6
bis(2-Chloroethyl)ether
Concen: 0.787 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion: 93 Resp: 5999

Ion	Ratio	Lower	Upper
93	100		
63	267.8	216.6	324.8
95	32.4	25.8	38.6



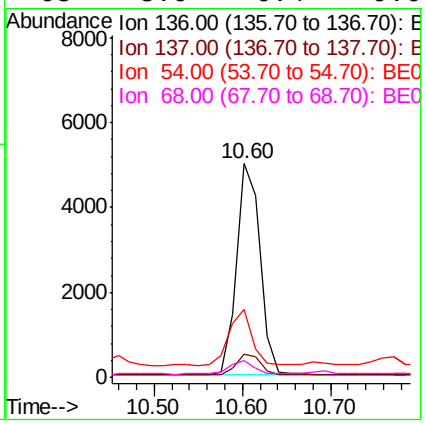


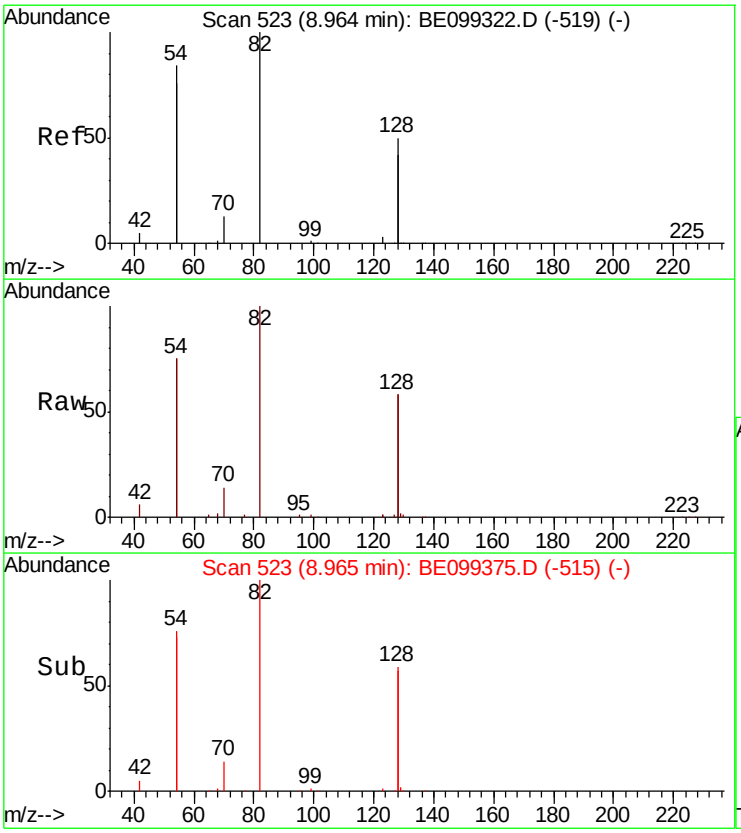
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:136 Resp: 9209

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	31.6	23.8	35.8
68	8.0	6.4	9.6

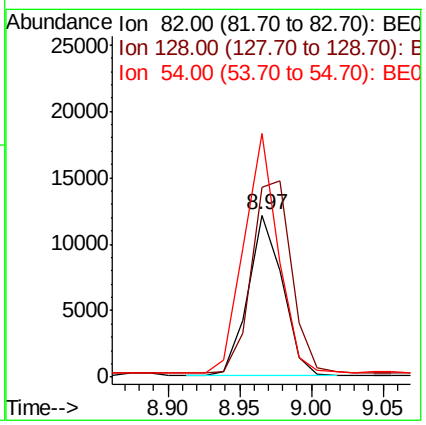


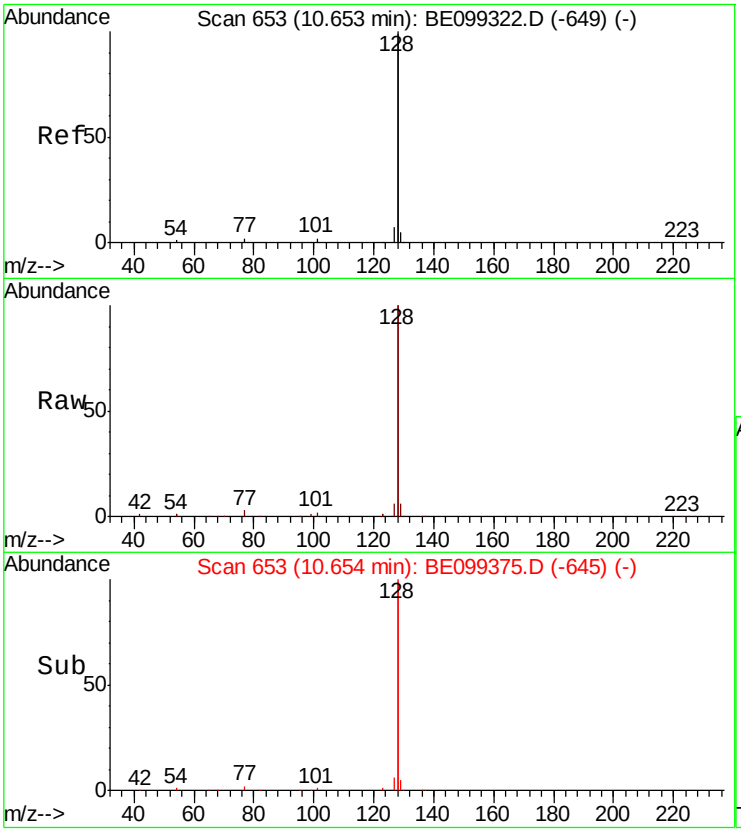


#8
Nitrobenzene-d5
Concen: 2.857 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion: 82 Resp: 20425

Ion	Ratio	Lower	Upper
82	100		
128	116.8	91.7	137.5
54	150.0	122.8	184.2



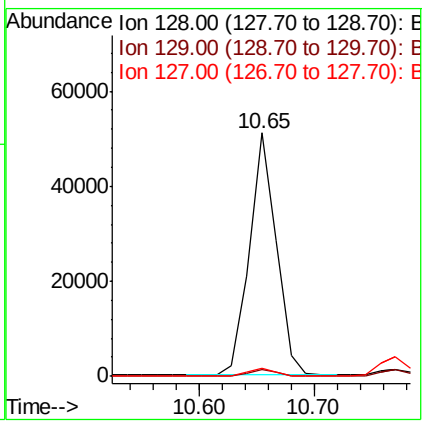


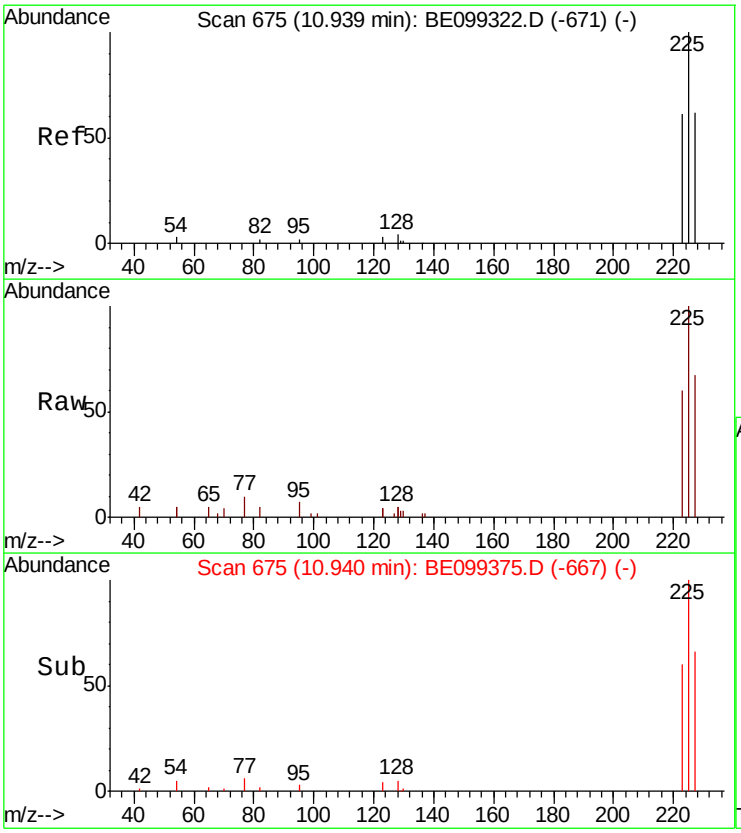
#9
Naphthalene
Concen: 0.827 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:128 Resp: 83115

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.2	2.8	4.2

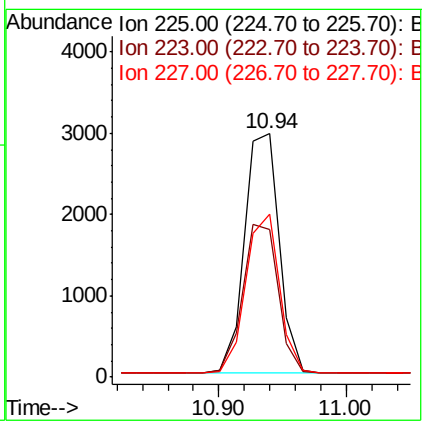


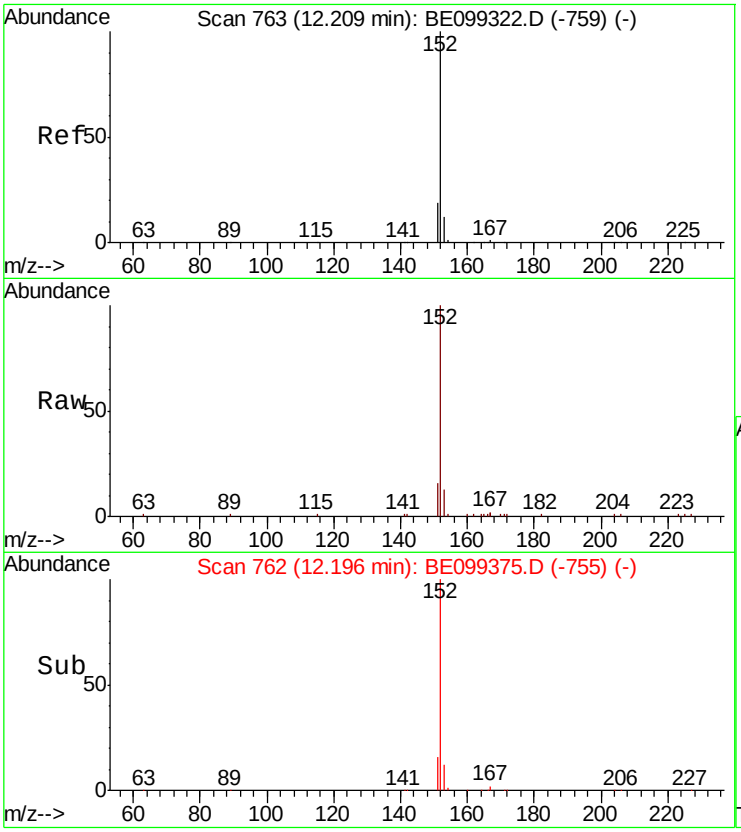


#10
Hexachlorobutadiene
Concen: 0.872 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:225 Resp: 5560

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	64.1	49.4	74.0



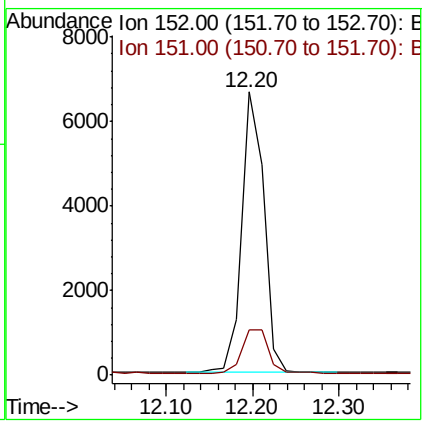


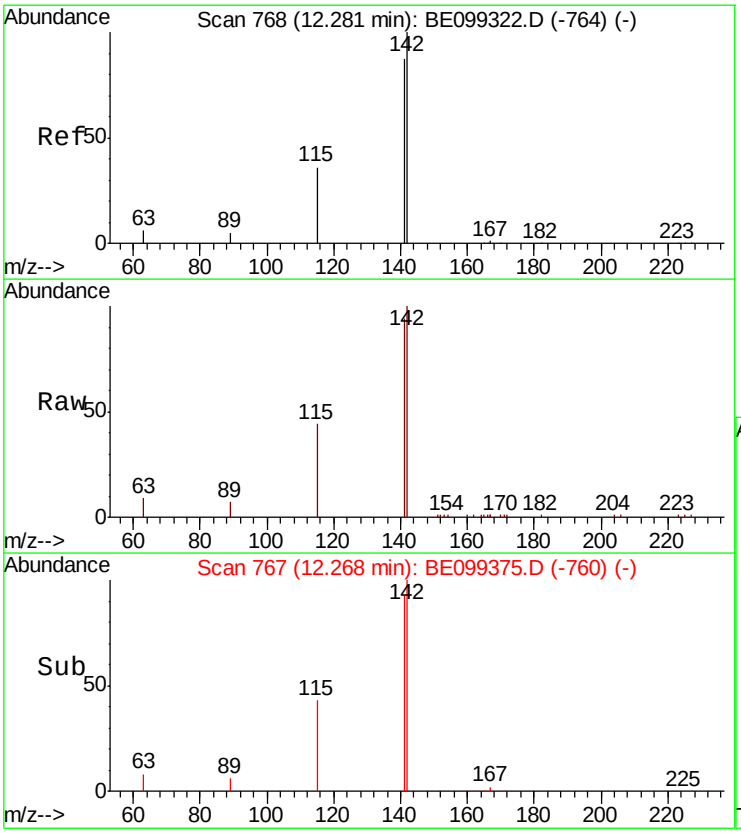
#11
2-Methylnaphthalene-d10
Concen: 0.725 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:152 Resp: 11779

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.9	22.3

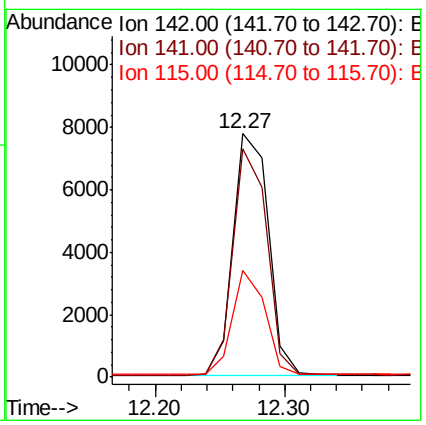


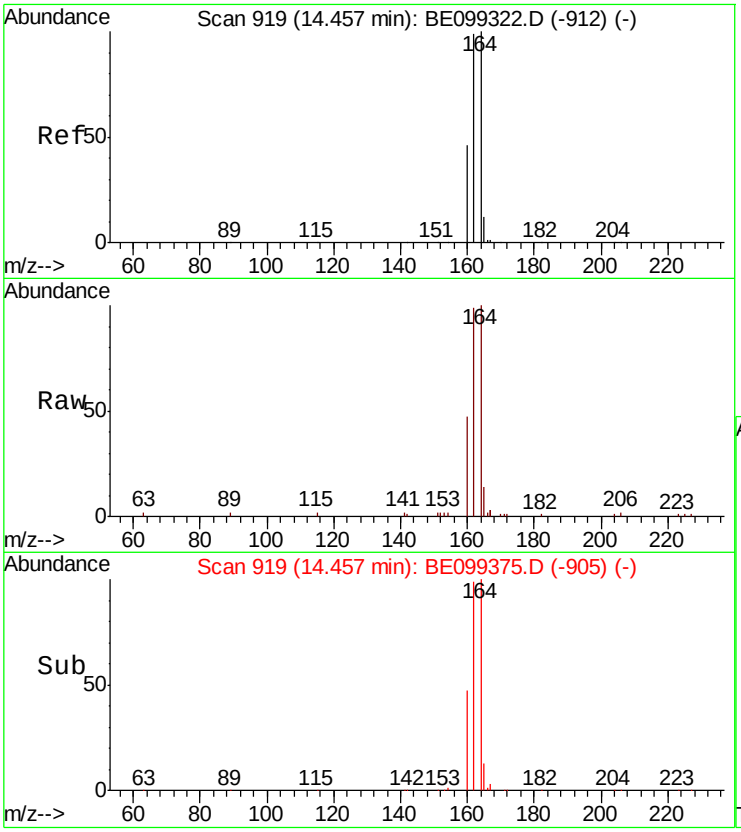


#12
2-Methylnaphthalene
Concen: 0.854 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:142 Resp: 14600

Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.0	108.0
115	43.8	33.4	50.0



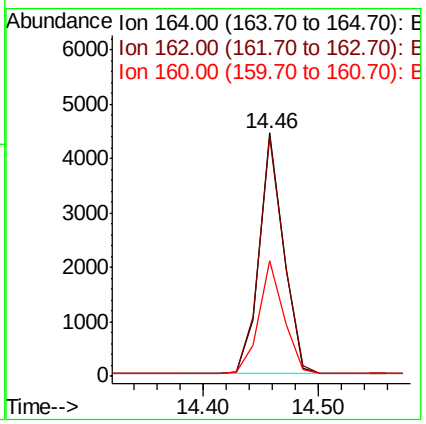


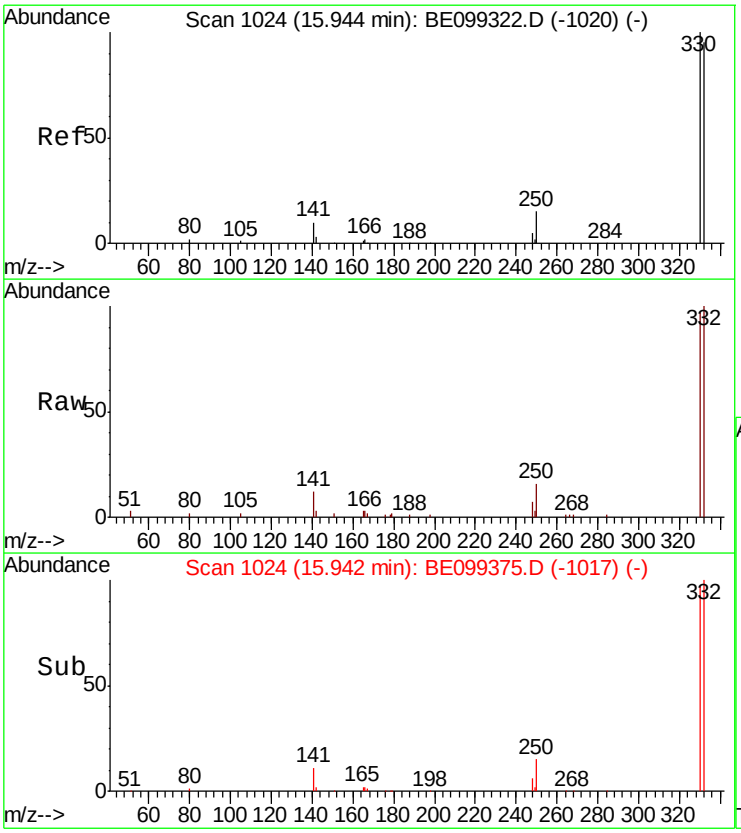
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:164 Resp: 6472

Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.8	116.6
160	47.4	37.1	55.7

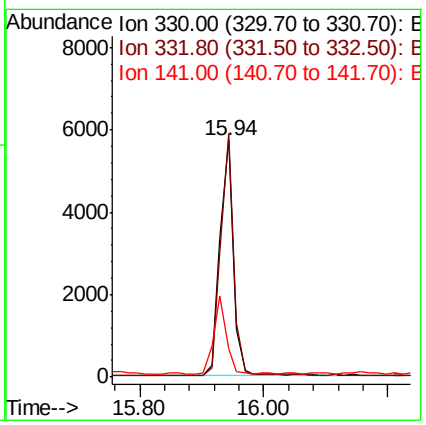


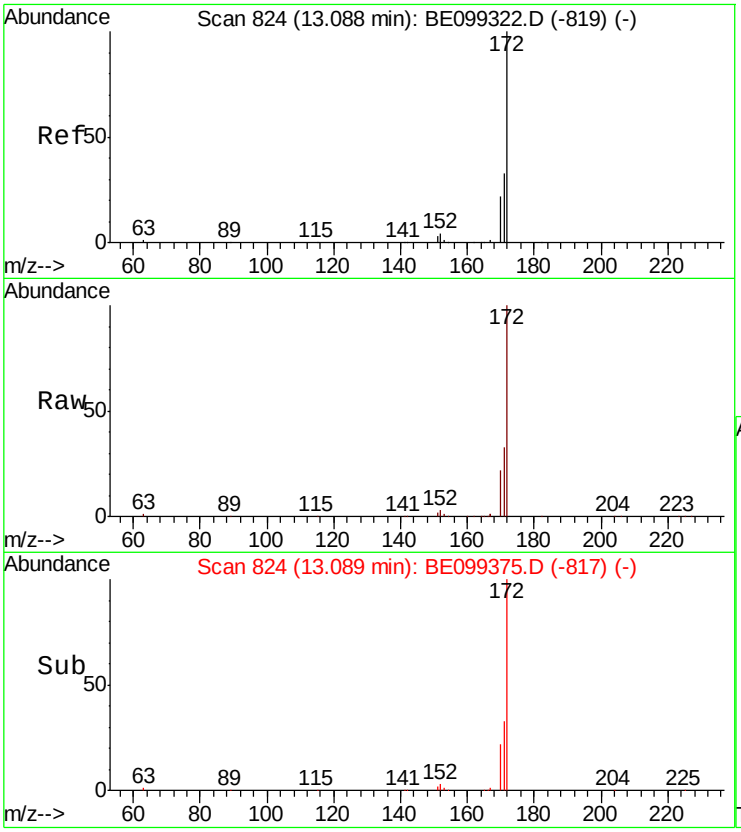


#14
2,4,6-Tribromophenol
Concen: 3.966 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:330 Resp: 8525

Ion	Ratio	Lower	Upper
330	100		
332	99.3	82.5	123.7
141	31.8	24.9	37.3



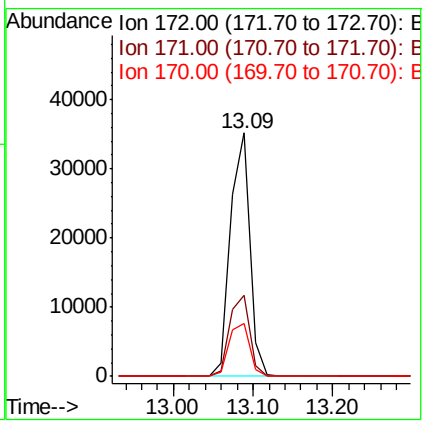


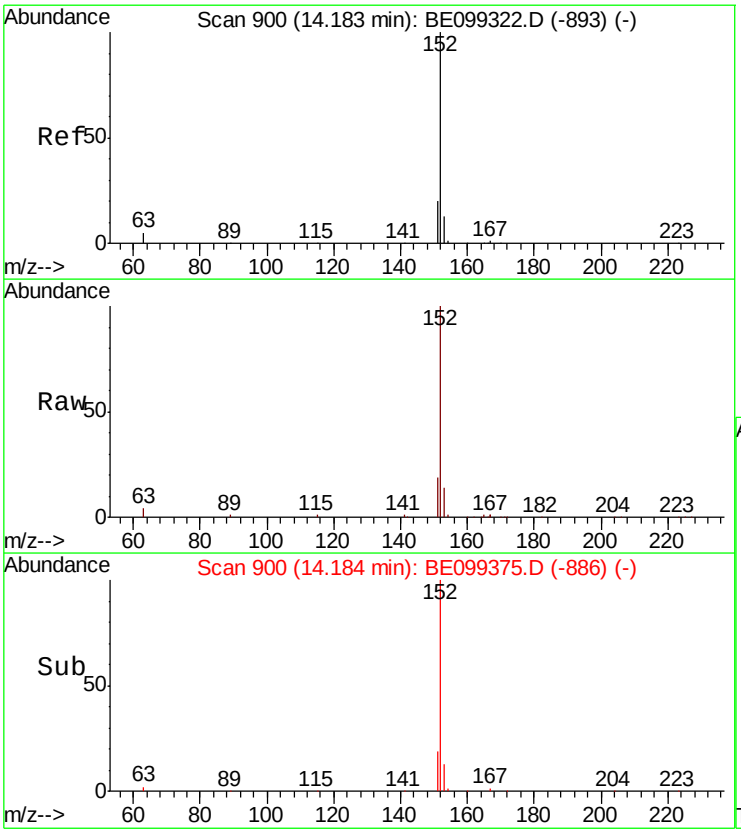
#15
2-Fluorobiphenyl
Concen: 2.326 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:172 Resp: 59182

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.2	39.2
170	21.6	18.1	27.1

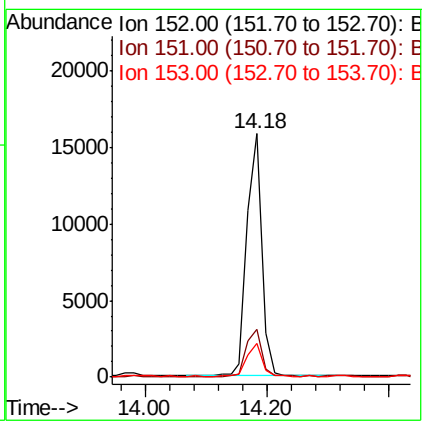


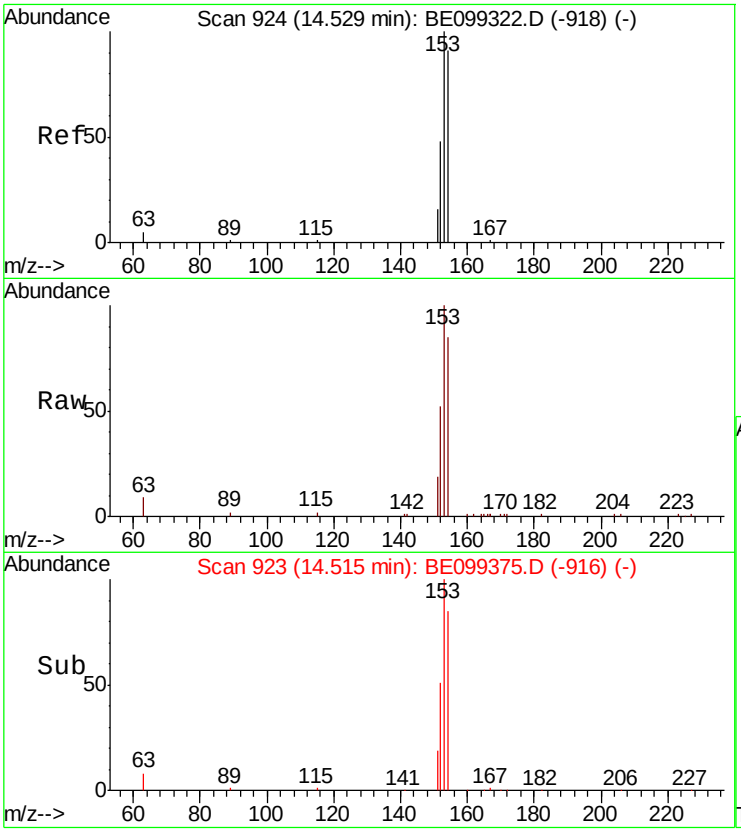


#16
Acenaphthylene
Concen: 0.916 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:152 Resp: 26798

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.4	10.2	15.4



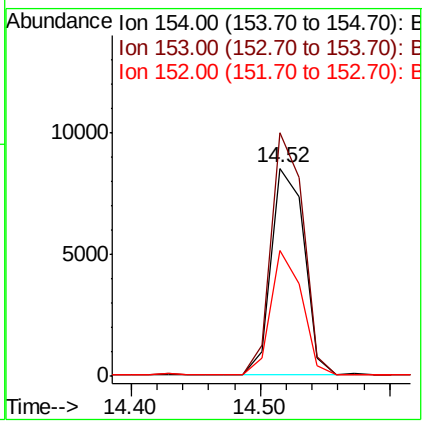


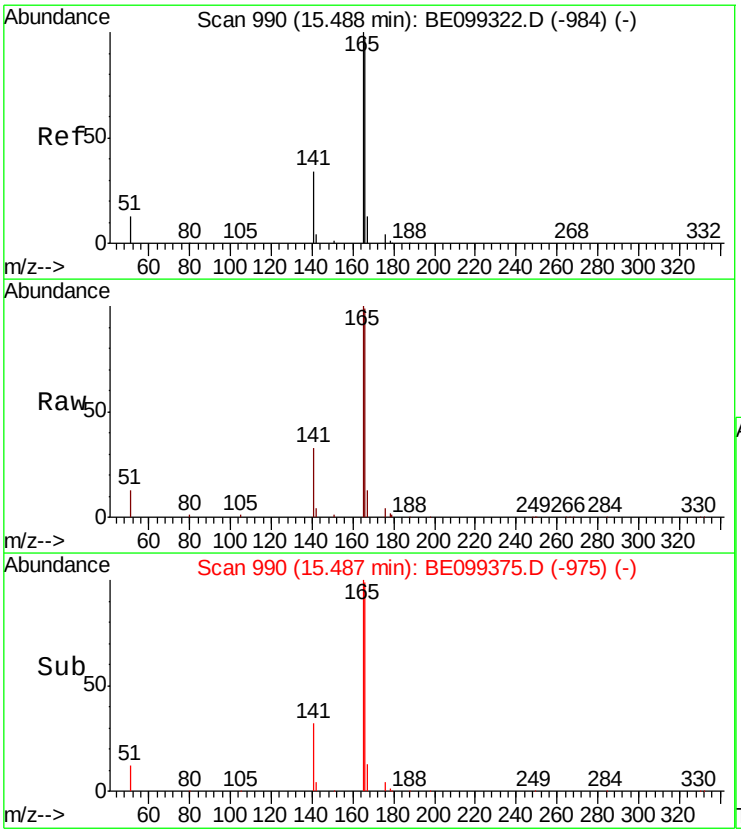
#17
Acenaphthene
Concen: 0.831 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:154 Resp: 14986

Ion	Ratio	Lower	Upper
154	100		
153	115.5	94.7	142.1
152	57.0	46.4	69.6

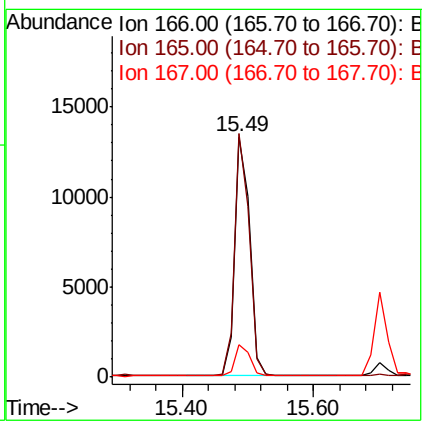


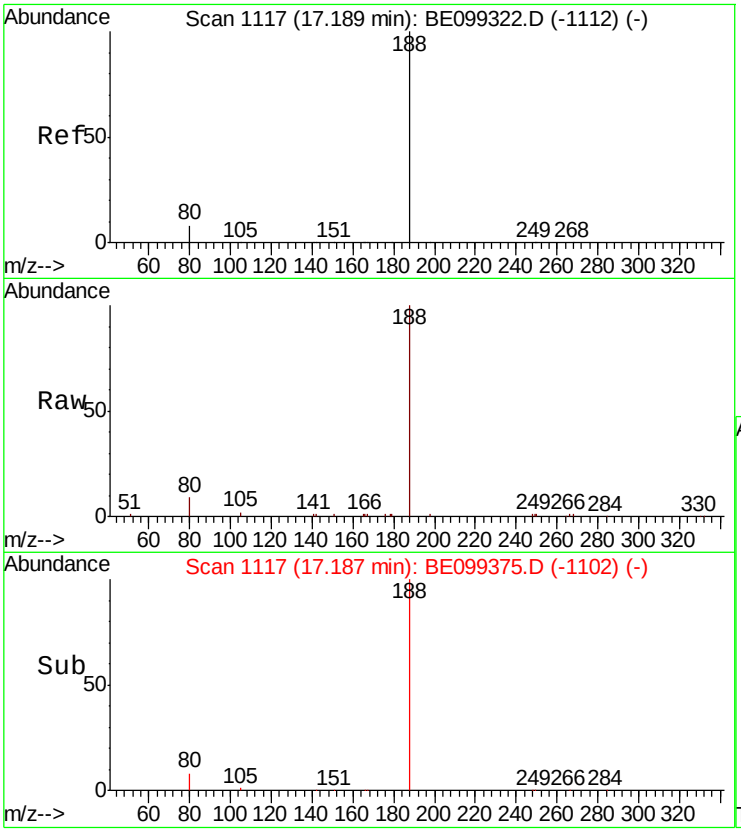


#18
Fluorene
Concen: 0.831 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:166 Resp: 21534

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	13.2	11.0	16.4



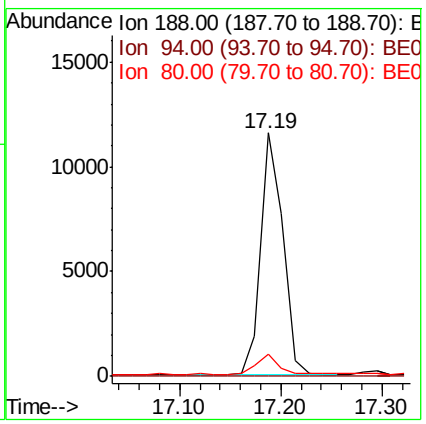


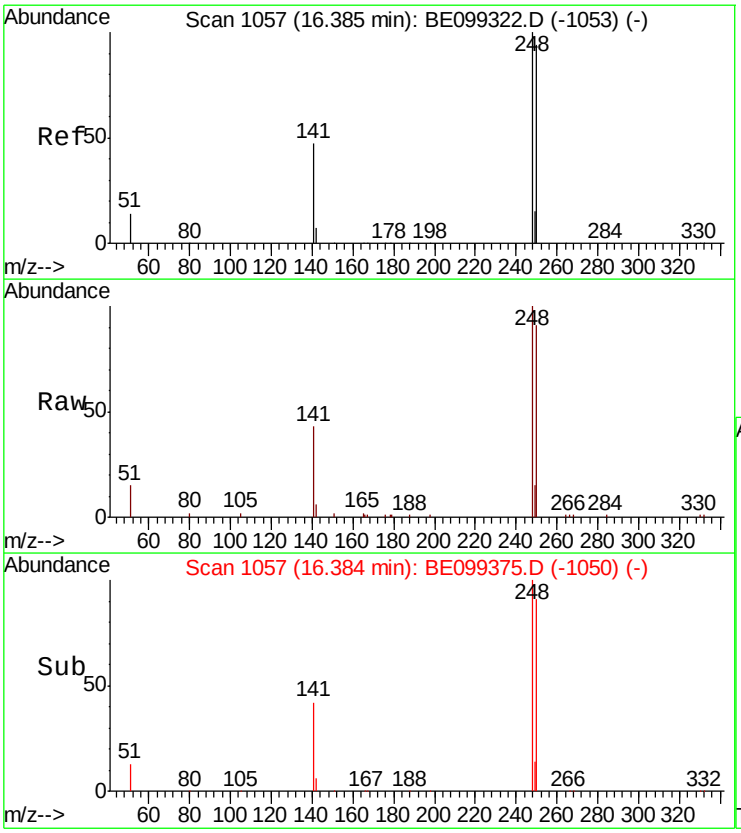
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:188 Resp: 17688

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.2	9.4

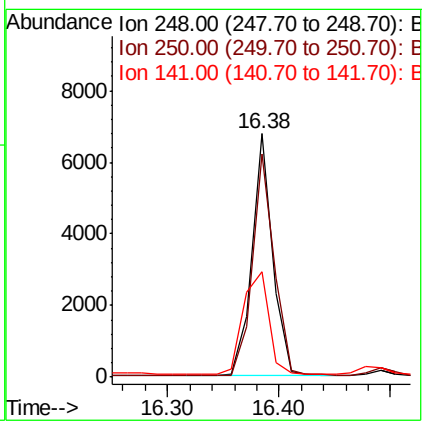


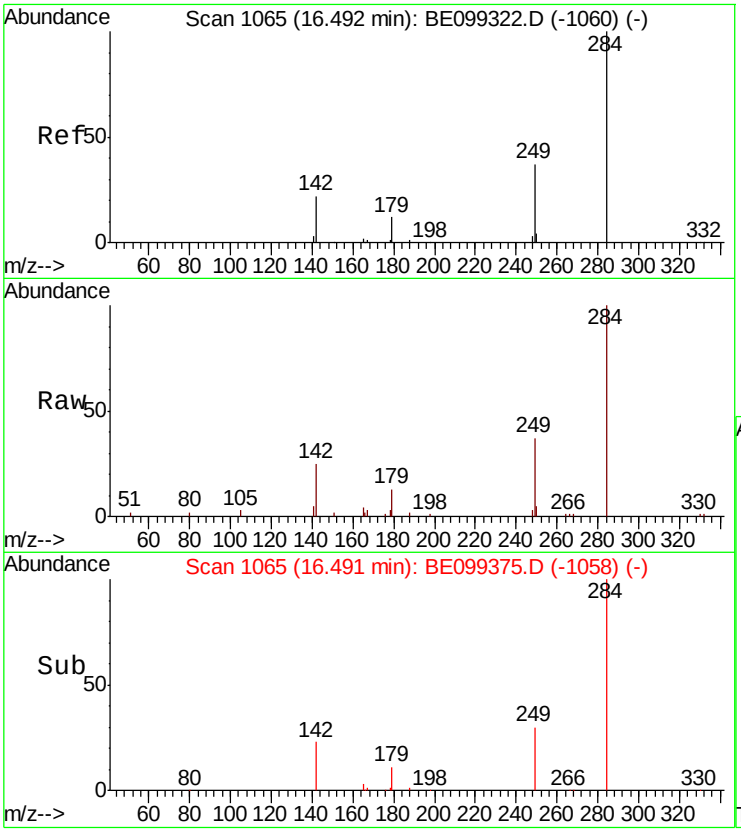


#20
4-Bromophenyl-phenylether
Concen: 0.893 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:248 Resp: 8753

Ion	Ratio	Lower	Upper
248	100		
250	91.4	77.0	115.6
141	43.1	31.1	46.7



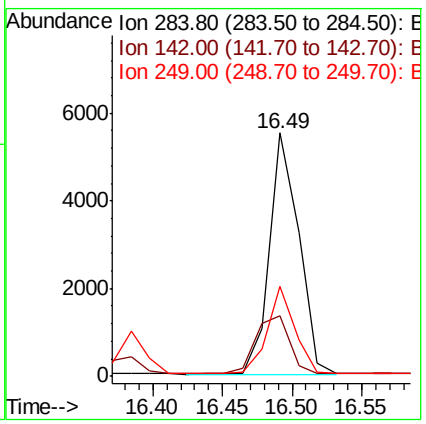


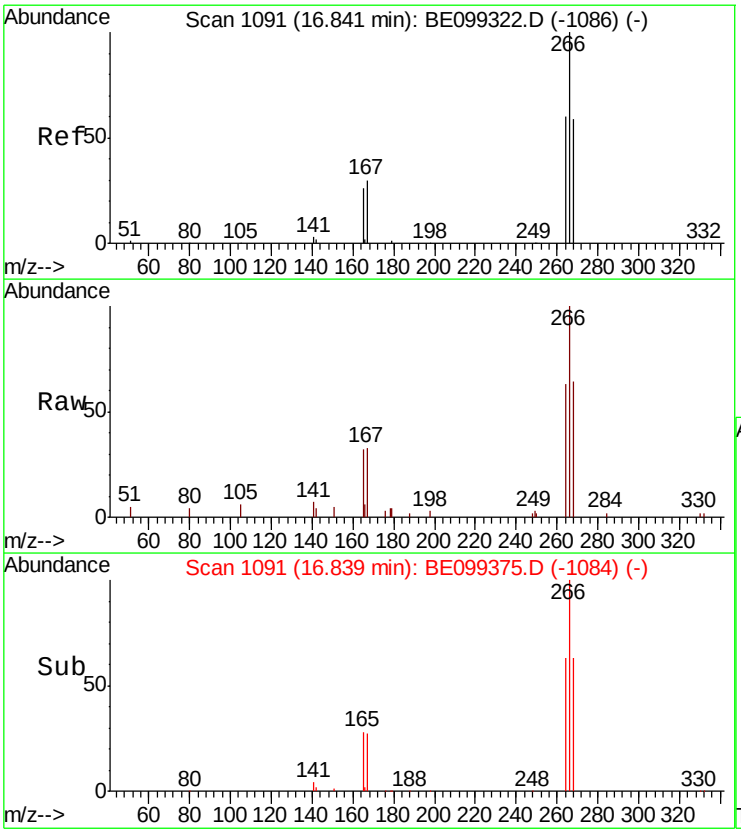
#21
Hexachlorobenzene
Concen: 0.859 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:284 Resp: 8089

Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.8	32.6
249	33.7	26.2	39.4

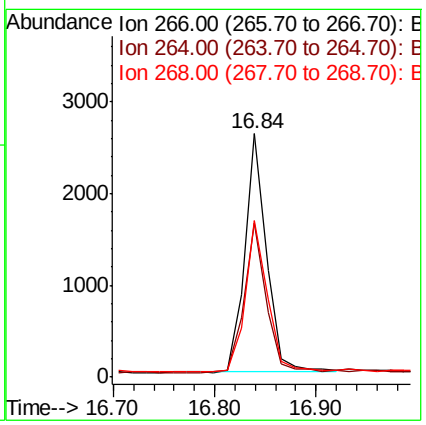


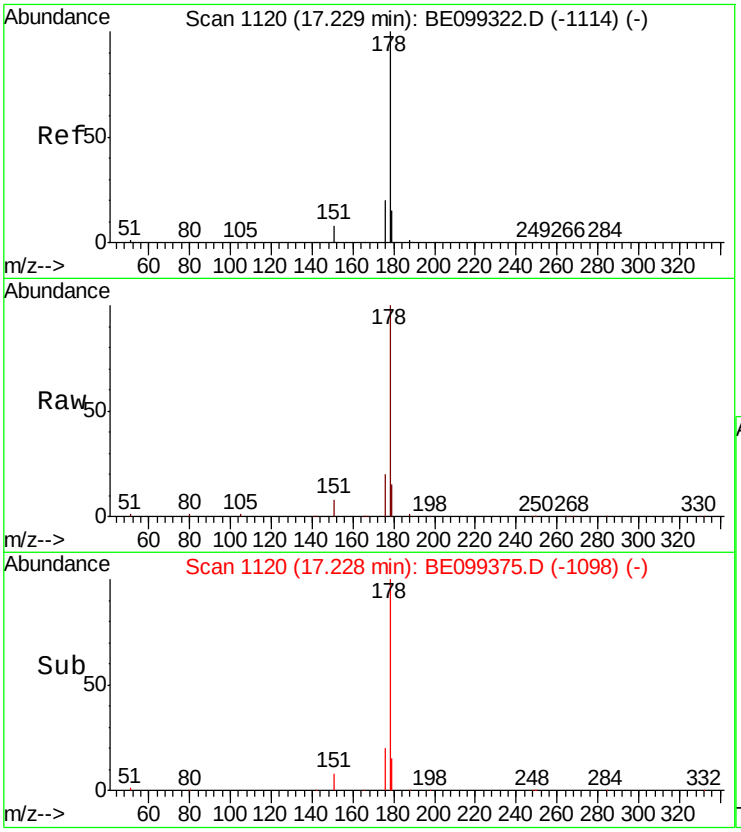


#22
Pentachlorophenol
Concen: 1.248 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:266 Resp: 3908

Ion	Ratio	Lower	Upper
266	100		
264	63.3	54.5	81.7
268	64.4	54.3	81.5



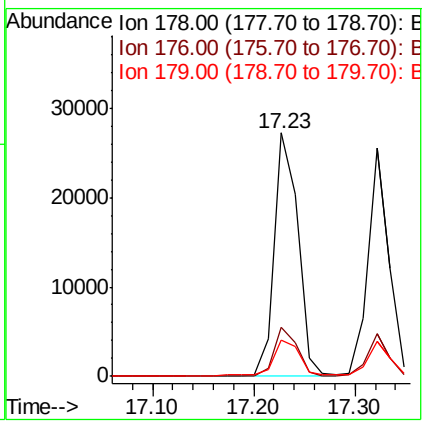


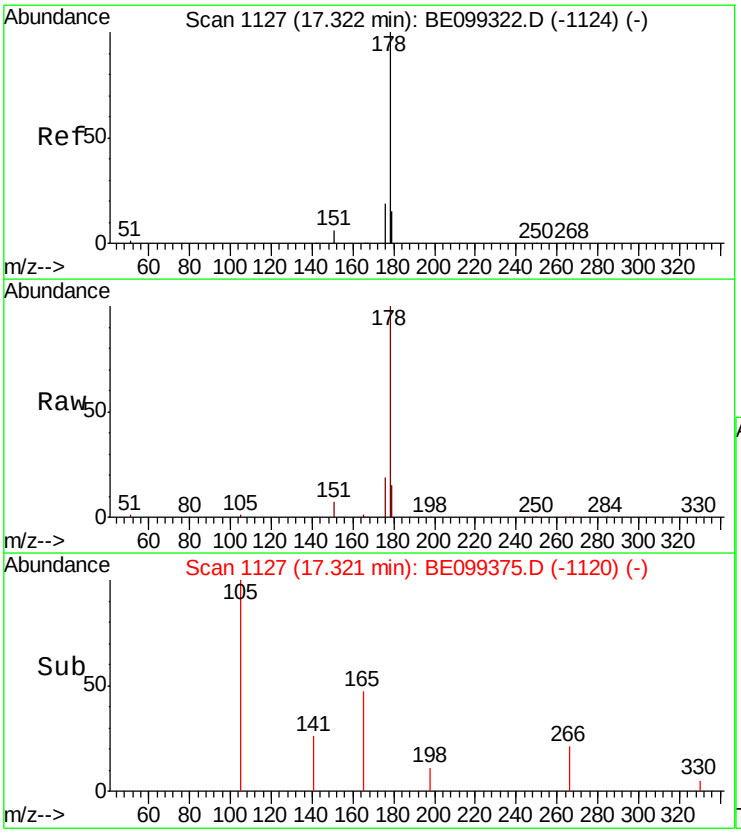
#23
Phenanthrene
Concen: 0.927 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:178 Resp: 43434

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6

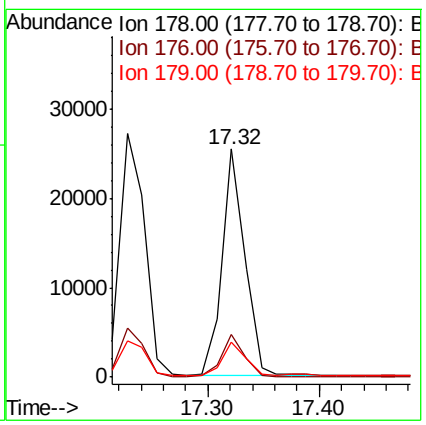


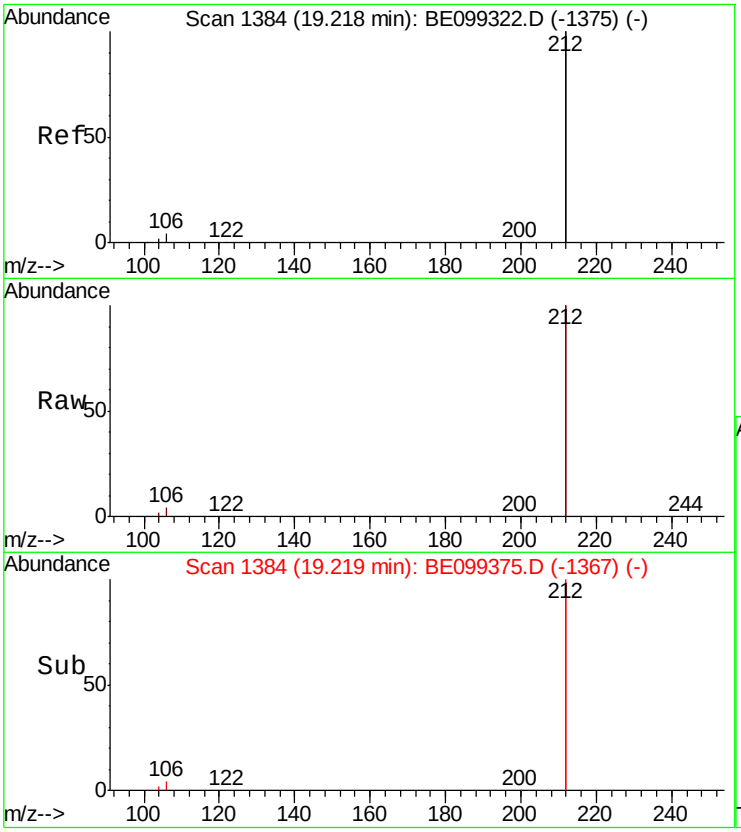


#24
Anthracene
Concen: 0.868 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:178 Resp: 36171

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.1	11.9	17.9



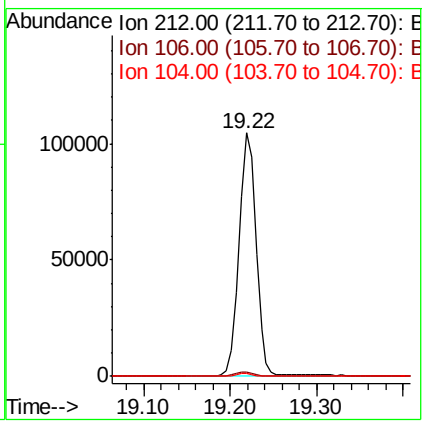


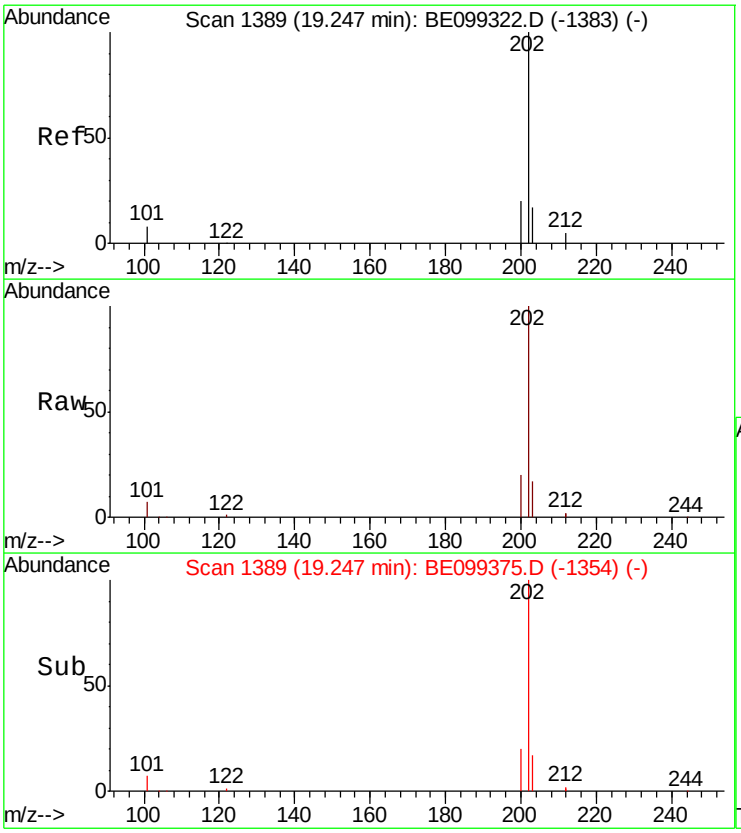
#25
Fluoranthene-d10
Concen: 0.659 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:212 Resp: 139971

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.8	2.6
104	1.2	1.0	1.4

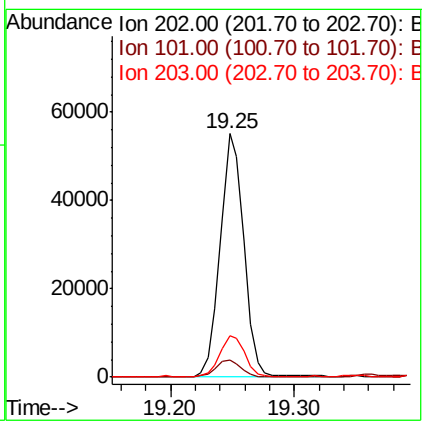


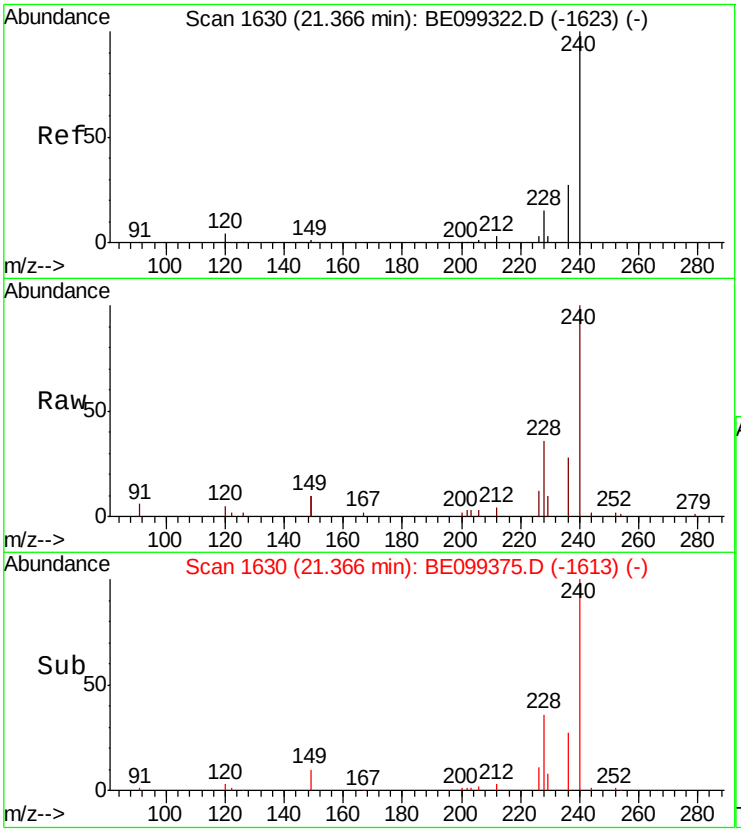


#26
Fluoranthene
Concen: 1.151 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:202 Resp: 72132

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.4	9.6
203	17.4	13.5	20.3



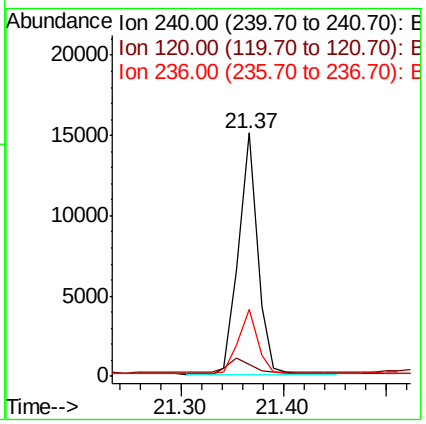


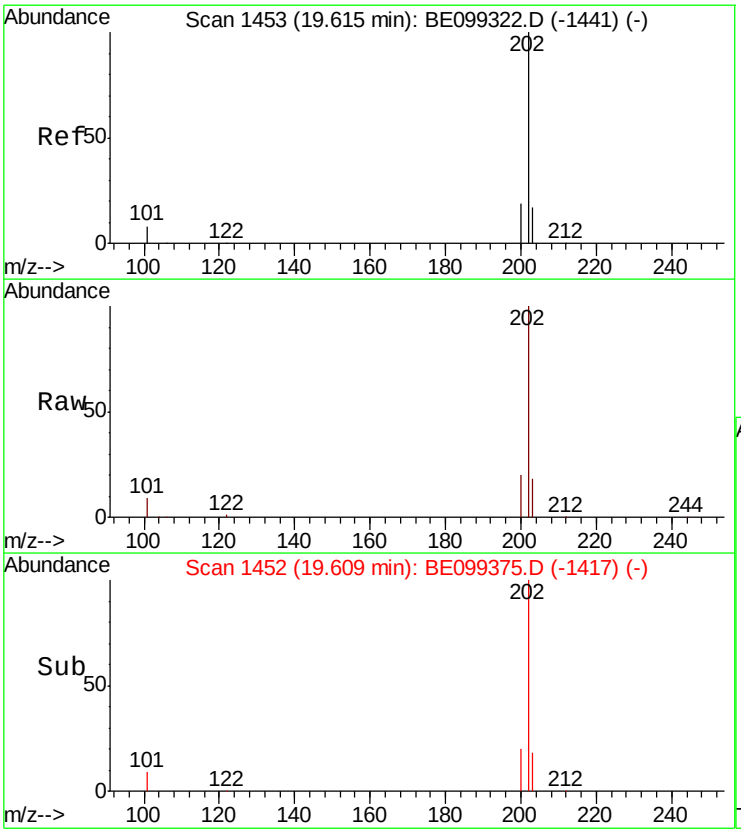
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:240 Resp: 19475

Ion	Ratio	Lower	Upper
240	100		
120	4.7	2.2	3.2#
236	27.7	20.2	30.4

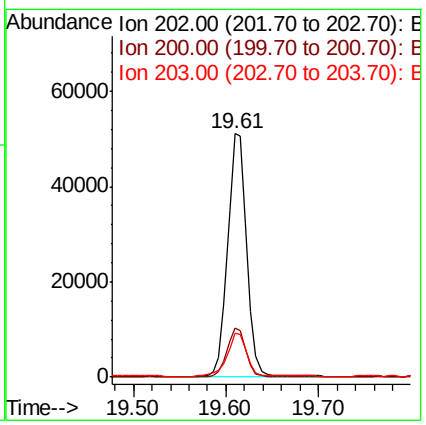


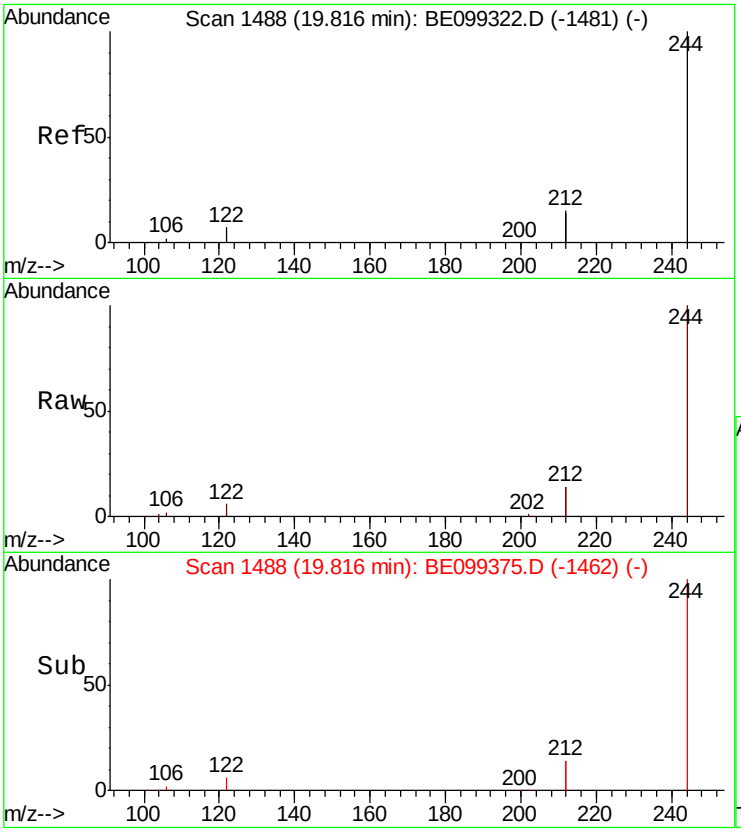


#28
Pyrene
Concen: 1.263 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:202 Resp: 72439

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	18.5	13.7	20.5



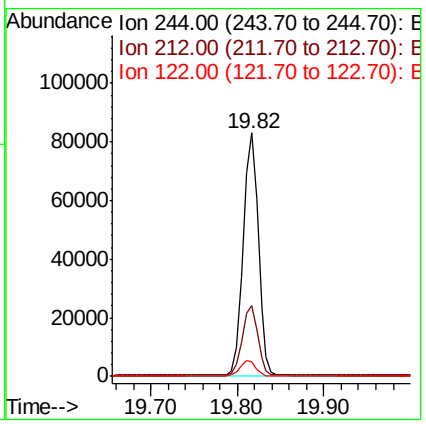


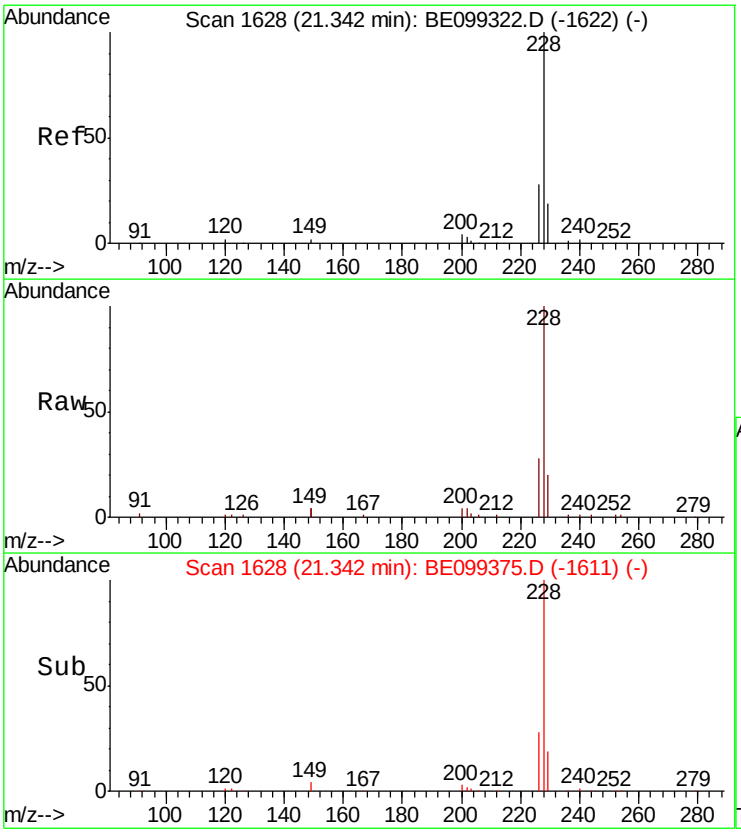
#29
Terphenyl-d14
Concen: 2.628 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:244 Resp: 100752

Ion	Ratio	Lower	Upper
244	100		
212	28.8	22.6	33.8
122	5.9	4.6	7.0

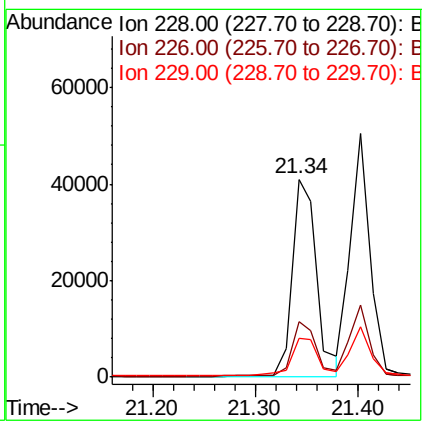


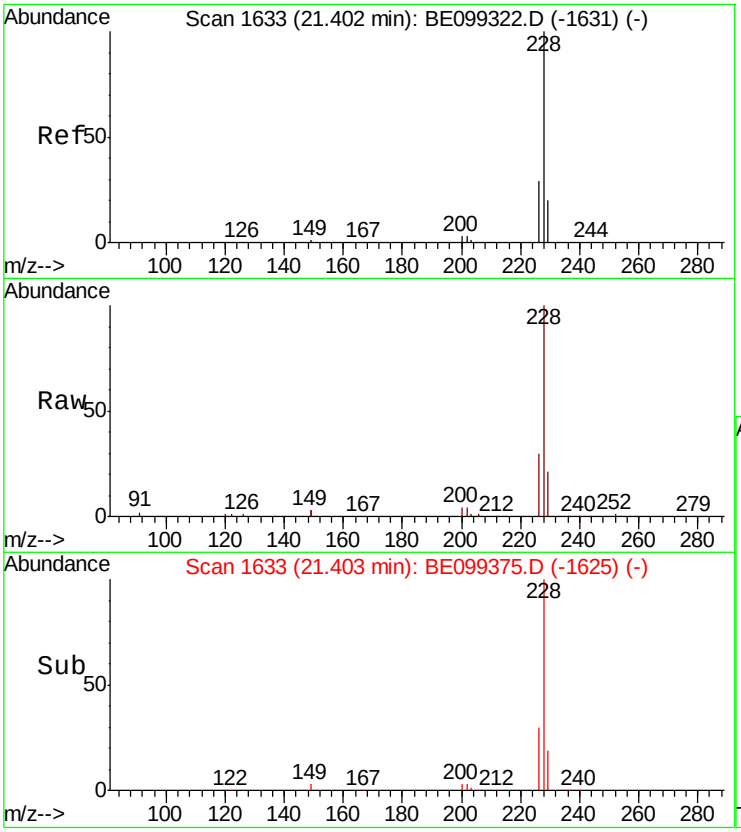


#30
Benzo(a)anthracene
Concen: 1.176 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:228 Resp: 67326

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	19.5	15.8	23.8



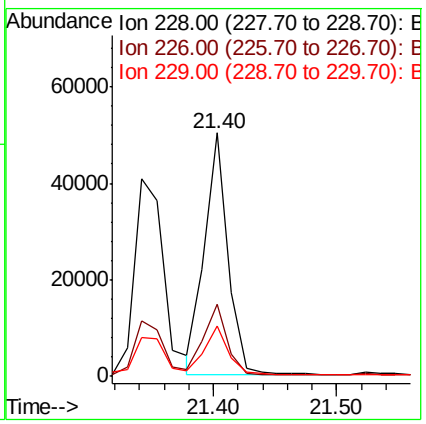


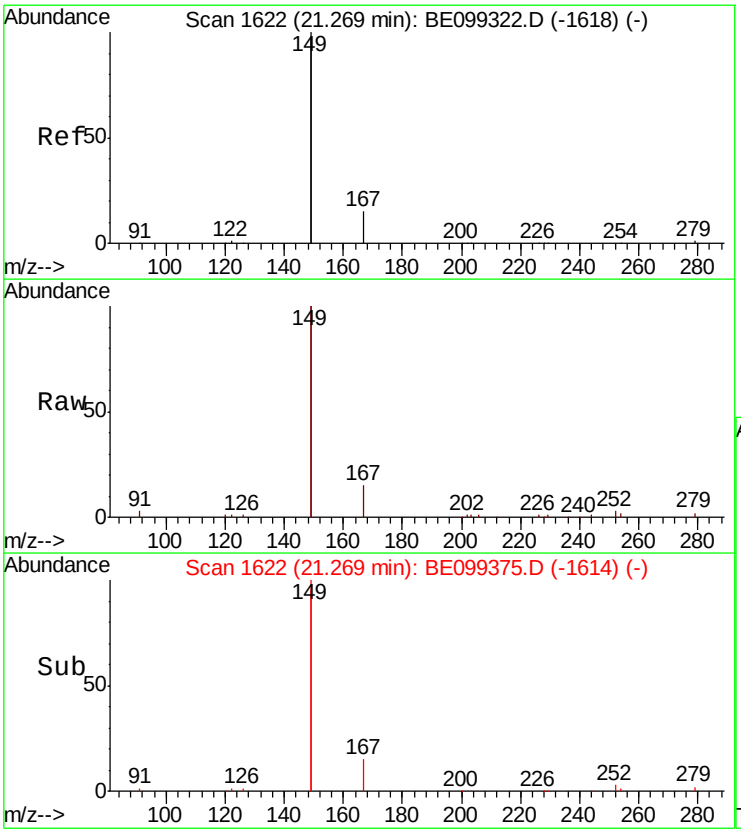
#31
Chrysene
Concen: 1.082 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:228 Resp: 65948

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.5	16.2	24.2

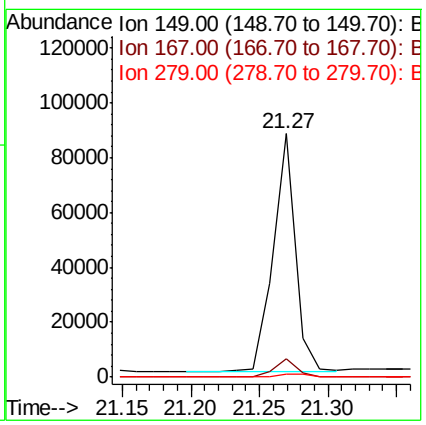


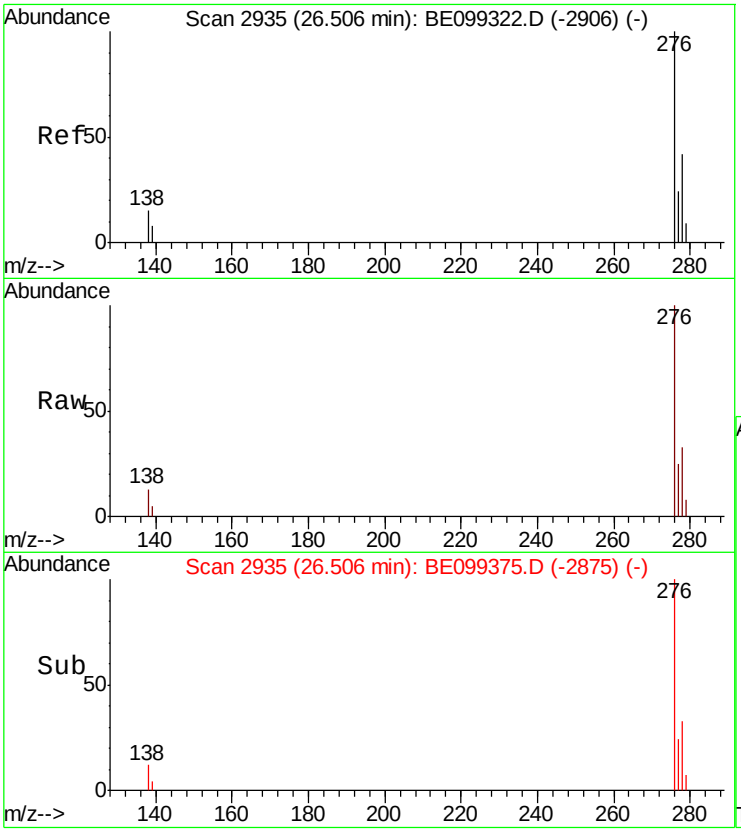


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.873 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:149 Resp: 97581

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.5	1.1	1.7



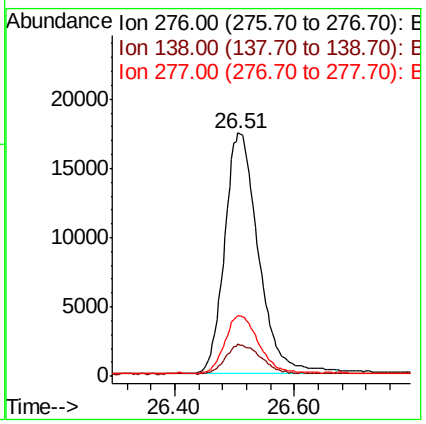


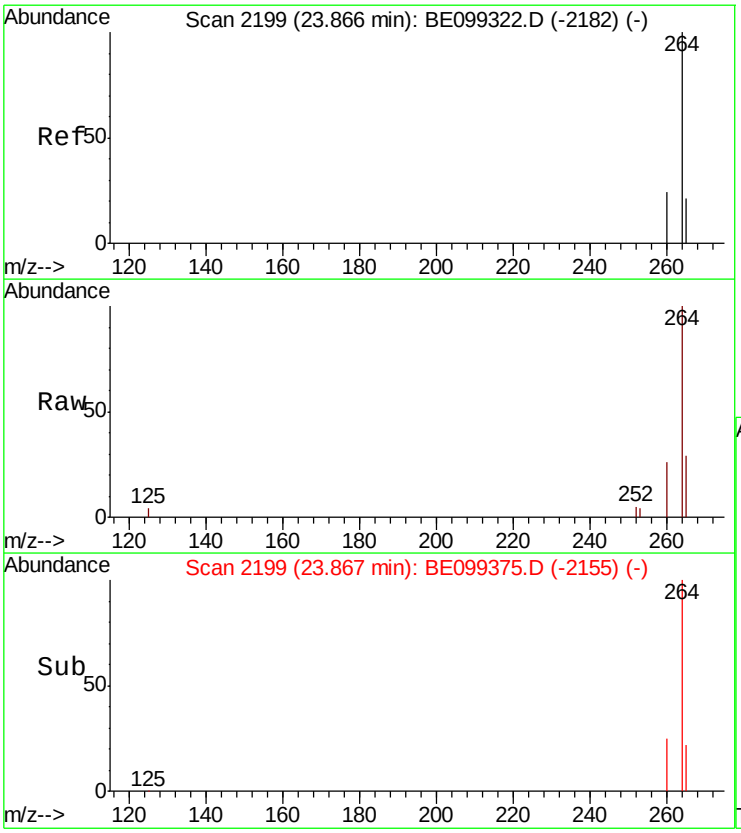
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.131 ng
RT: 26.51 min Scan# 2935
Delta R.T. 0.01 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:276 Resp: 68032

Ion	Ratio	Lower	Upper
276	100		
138	12.9	12.7	19.1
277	23.7	19.6	29.4

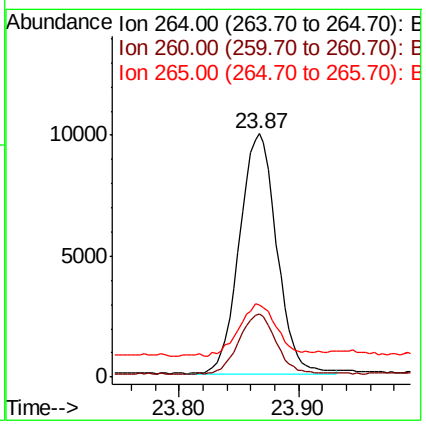


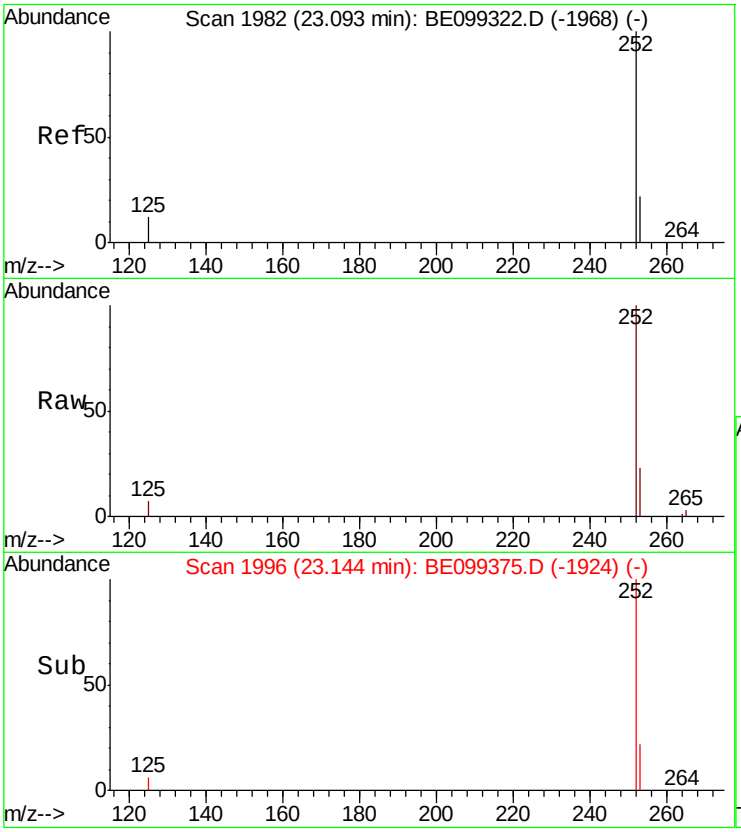


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:264 Resp: 21458

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	29.5	19.9	29.9



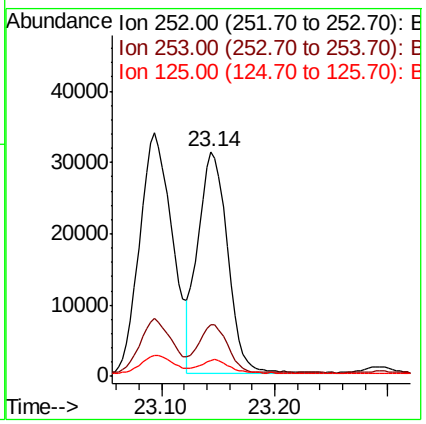


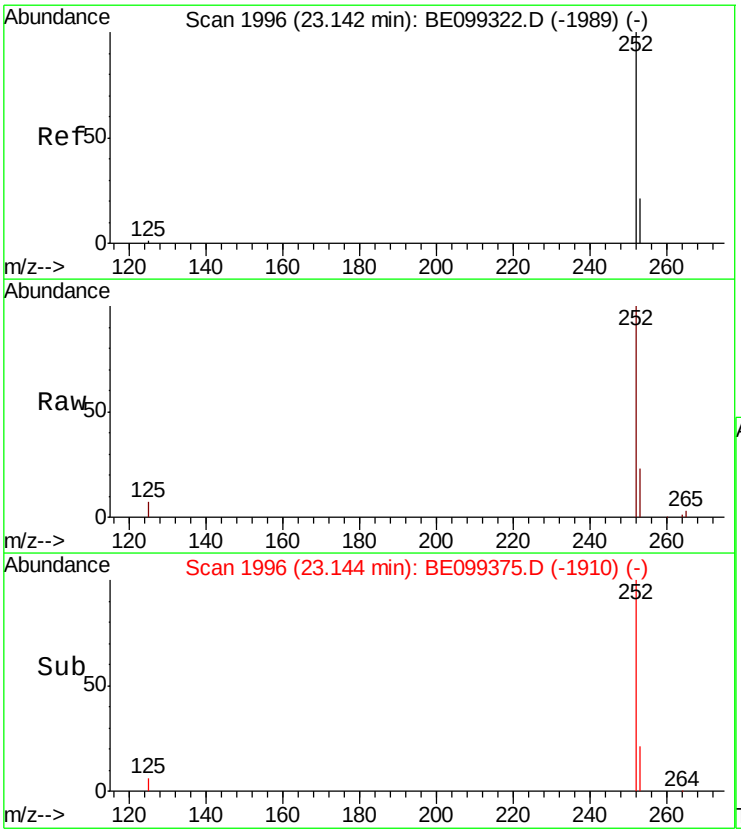
#35
Benzo(b)fluoranthene
Concen: 0.869 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.06 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:252 Resp: 57084

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	7.3	5.8	8.6

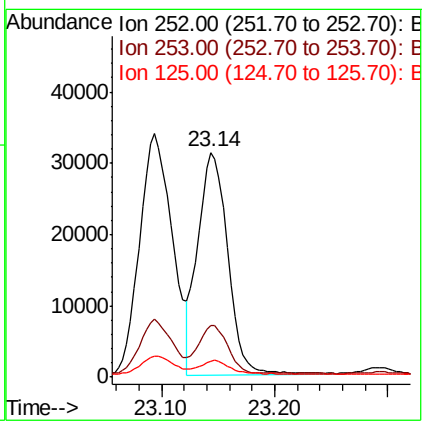


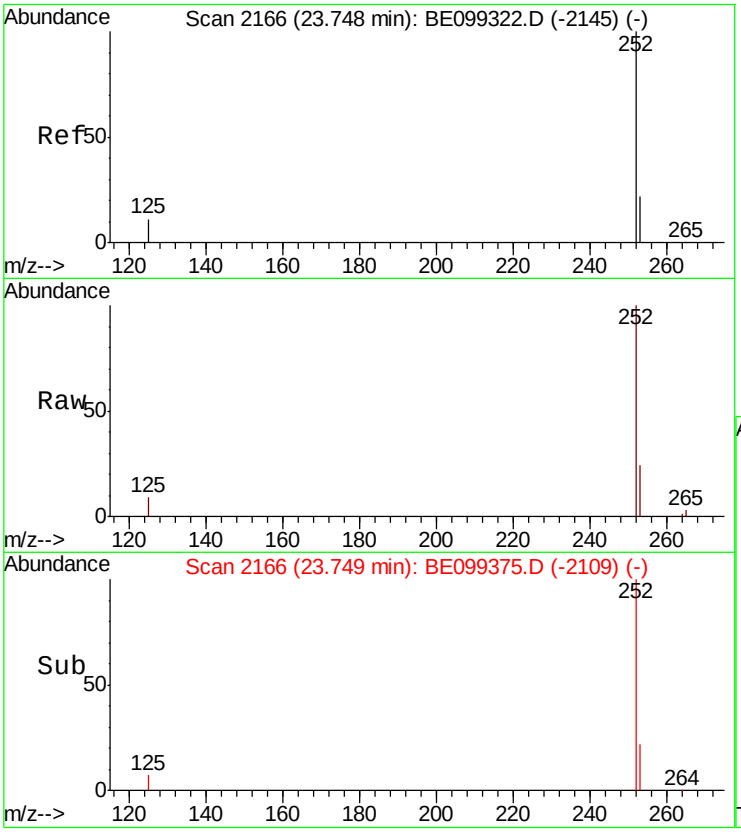


#36
Benzo(k)fluoranthene
Concen: 0.878 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:252 Resp: 57503

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



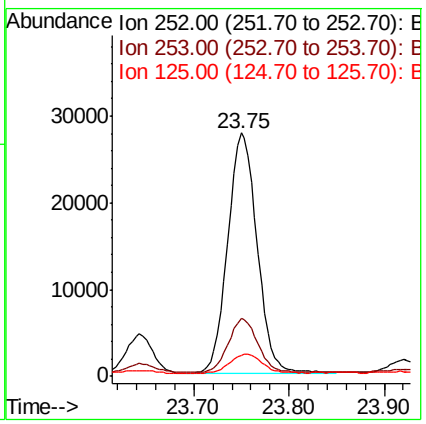


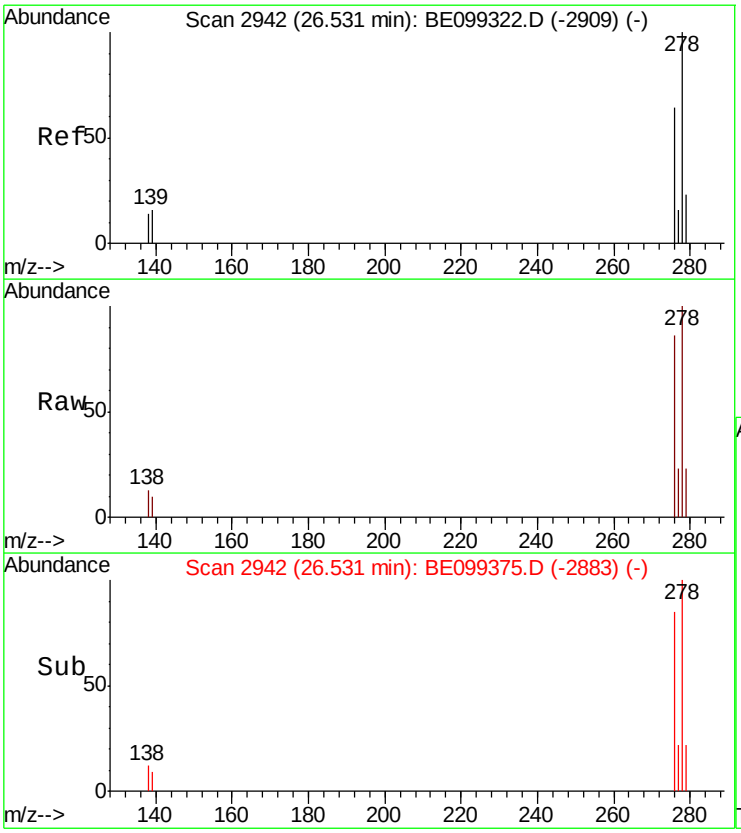
#37
Benzo(a)pyrene
Concen: 1.008 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:252 Resp: 59320

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	8.5	6.5	9.7

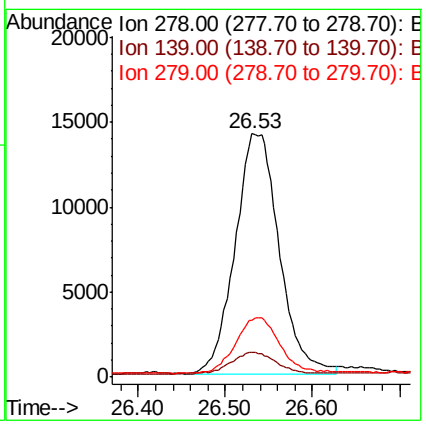


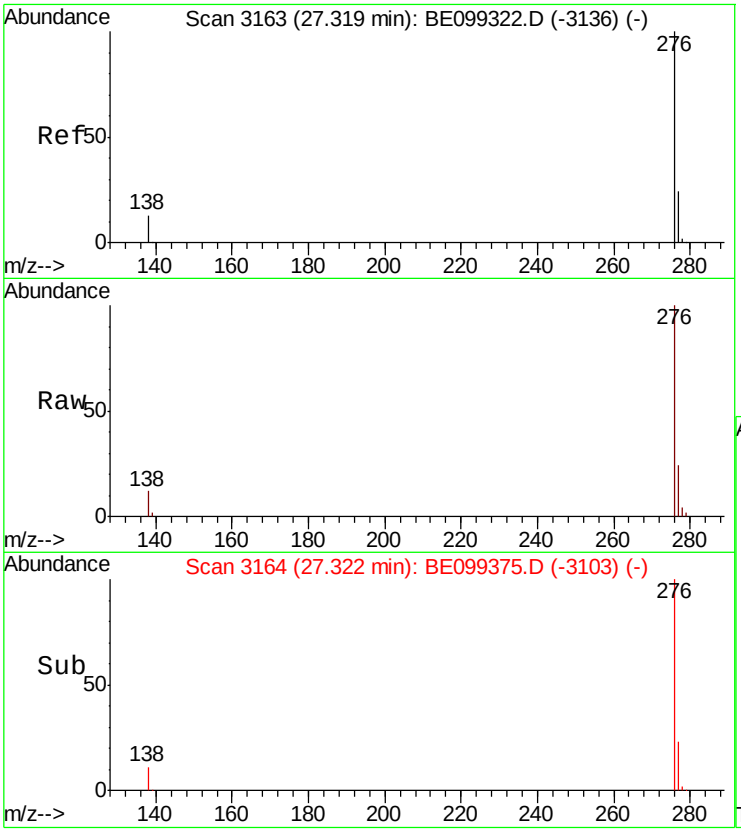


#38
Dibenzo(a,h)anthracene
Concen: 0.824 ng
RT: 26.53 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:278 Resp: 49563

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.5	12.7
279	23.5	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.926 ng
RT: 27.32 min Scan# 3164
Delta R.T. 0.02 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tgt Ion:276 Resp: 56485

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.0	30.0
138	12.3	11.1	16.7