Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099524.D
Acq On : 3 May 2019 10:19
Operator : JU/SJ
Sample : K2589-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-SW018-042419

Quant Time: May 03 13:25:05 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	7.80	152	37	0.40	ng		-0.01
7) Naphthalene-d8	10.58	136	6	0.40	ng		-0.03
13) Acenaphthene-d10	14.46	164	20	0.40	ng		0.00
19) Phenanthrene-d10	17.17	188	43	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	77	0.40	ng		0.02
34) Perylene-d12	23.88	264	37	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2616	25.57	ng		0.00
5) Phenol-d6	6.98	99	3656	26.87	ng		0.00
8) Nitrobenzene-d5	8.96	82	2972	528.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	5656	523.21	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1809	143.59	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	8122	106.44	ng		0.00
25) Fluoranthene-d10	19.22	212	91099	157.19	ng		0.00
29) Terphenyl-d14	19.82	244	18318	129.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	42	0.825	ng	#	27
3) n-Nitrosodimethylamine	3.67	42	72	2.347	ng	#	1
6) bis(2-Chloroethyl)ether	7.28	93	43	0.366	ng	#	1
9) Naphthalene	10.65	128	2119	32.410	ng	#	90
10) Hexachlorobutadiene	10.91	225	6	1.319	ng	#	18
12) 2-Methylnaphthalene	12.27	142	224	19.701	ng	#	84
16) Acenaphthylene	14.18	152	2770	28.303	ng		96
17) Acenaphthene	14.51	154	180	3.221	ng	#	77
18) Fluorene	15.49	166	602	7.301	ng	#	92
20) 4-Bromophenyl-phenylether	16.38	248	20	0.799	ng	#	45
21) Hexachlorobenzene	16.49	284	22	0.922	ng	#	7
22) Pentachlorophenol	16.84	266	80	5.787	ng	#	70
23) Phenanthrene	17.23	178	18403	165.857	ng		98
24) Anthracene	17.32	178	2174	20.557	ng		95
26) Fluoranthene	19.25	202	52458	315.631	ng		100
28) Pyrene	19.62	202	60298	300.416	ng		98
30) Benzo(a)anthracene	21.40	228	28926	117.905	ng		93
31) Chrysene	21.40	228	28767	119.826	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	18661	53.862	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	20898	73.652	ng		97
35) Benzo(b)fluoranthene	23.10	252	37166	348.356	ng	#	94
36) Benzo(k)fluoranthene	23.10	252	37166	361.262	ng	#	94
37) Benzo(a)pyrene	23.76	252	26003	257.805	ng		95
38) Dibenzo(a,h)anthracene	26.53	278	5045	48.897	ng	#	71
39) Benzo(g,h,i)perylene	27.34	276	22373	216.434	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
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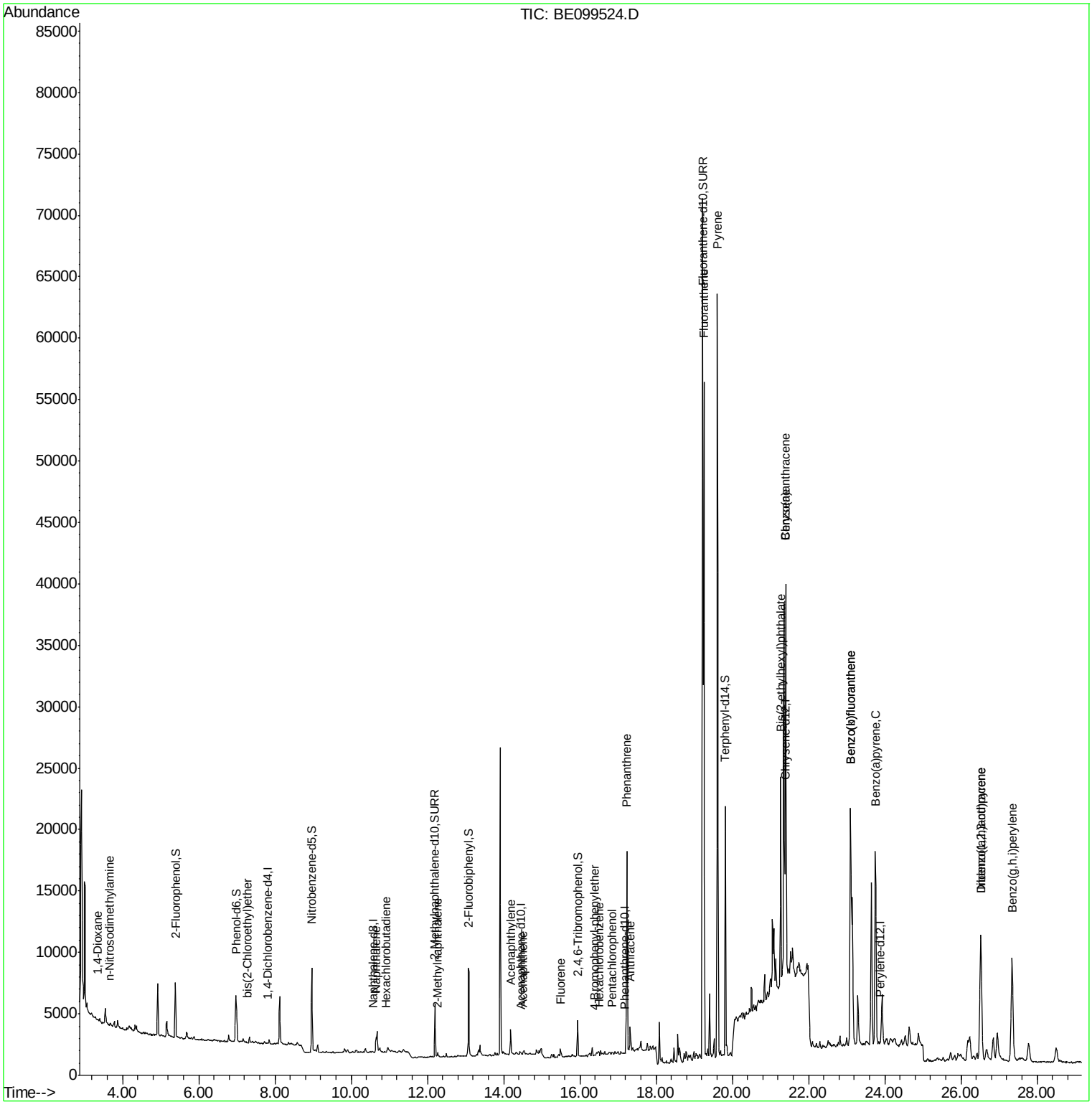
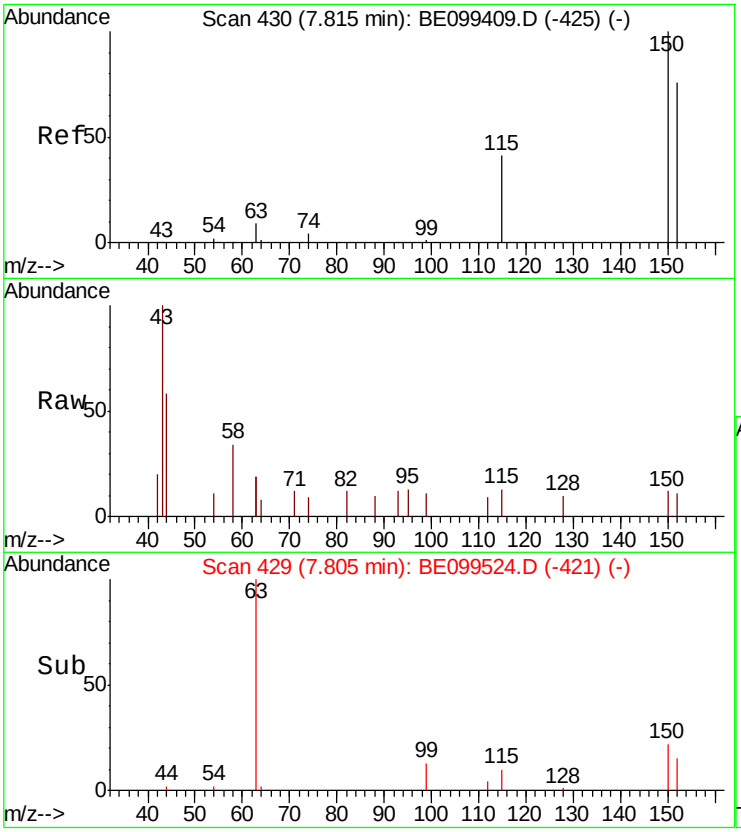
Acq On : 3 May 2019 10:19
Operator : JU/SJ
Sample : K2589-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Quant Time: May 03 13:25:05 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



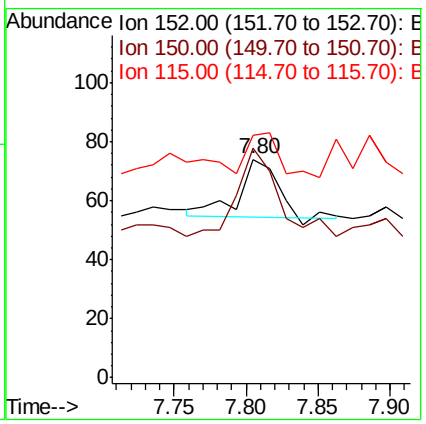


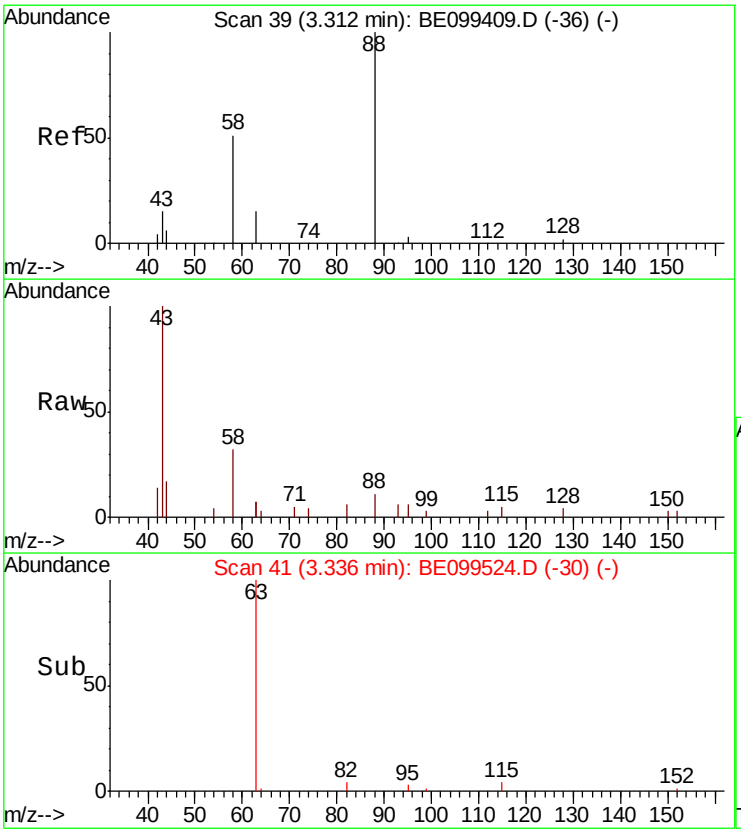
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:152 Resp: 37

Ion	Ratio	Lower	Upper
152	100		
150	105.4	104.8	157.2
115	110.8	46.6	69.8#

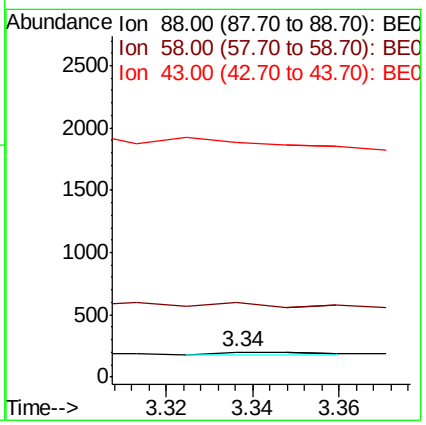


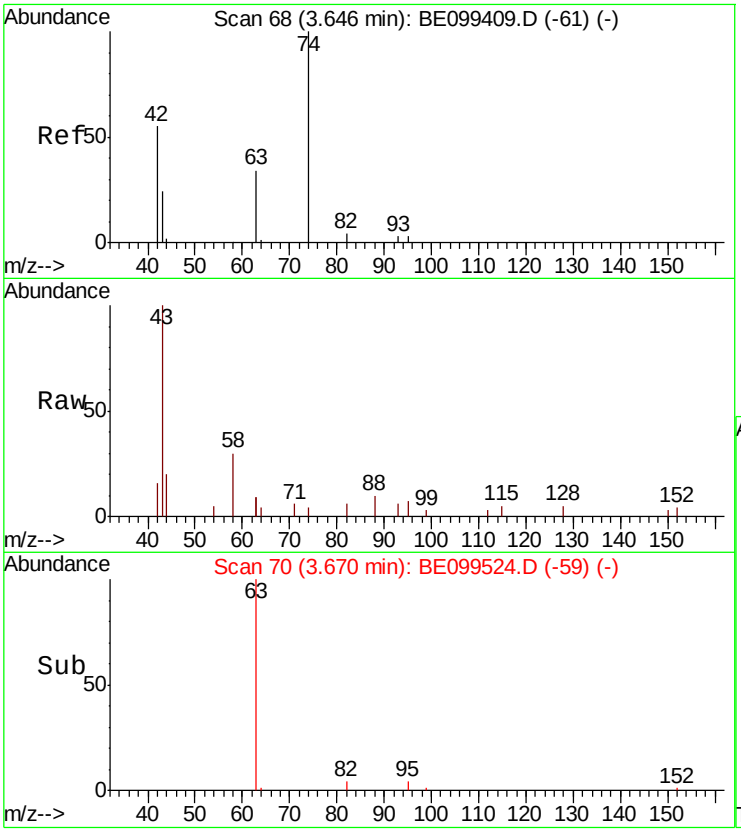


#2
1,4-Dioxane
Concen: 0.825 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.02 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion: 88 Resp: 42

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



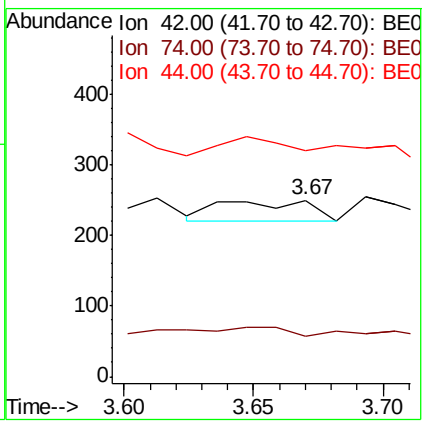


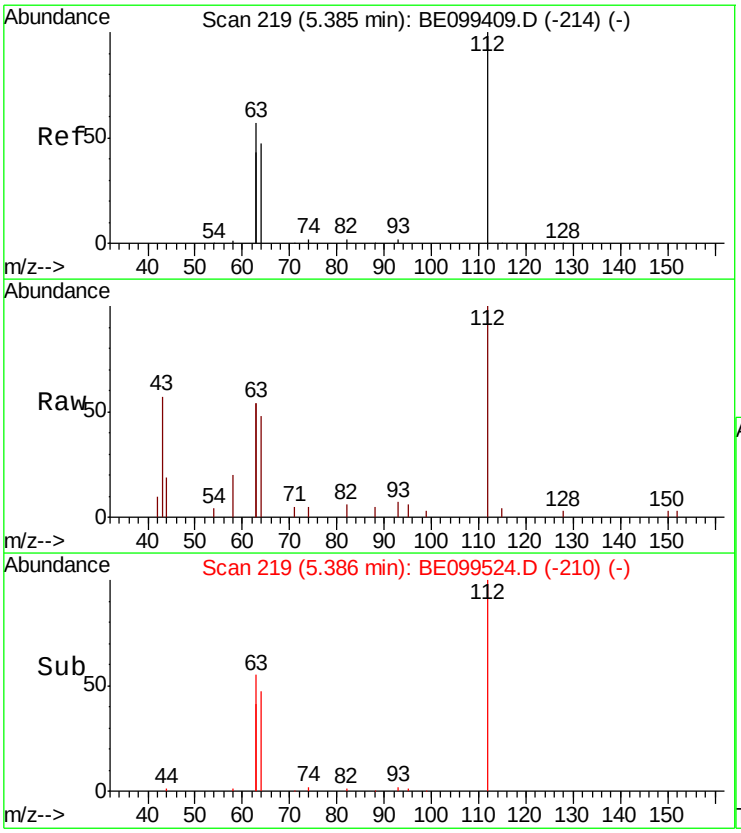
#3
n-Nitrosodimethylamine
Concen: 2.347 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.02 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion: 42 Resp: 72

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

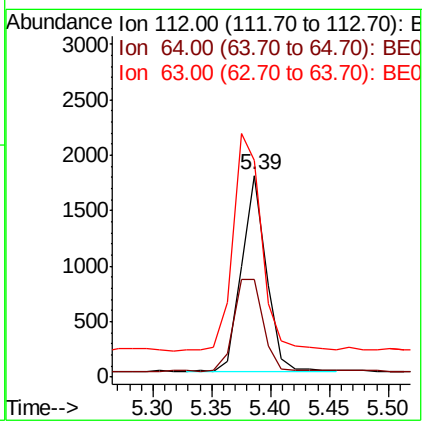


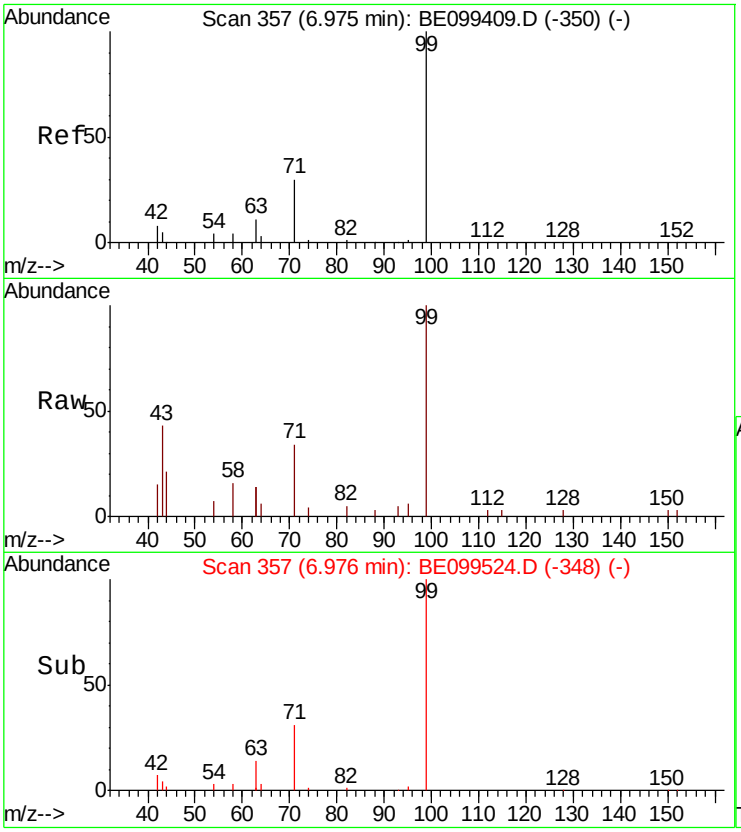


#4
2-Fluorophenol
Concen: 25.570 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:112 Resp: 2616

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.4	71.0
63	125.8	104.3	156.5



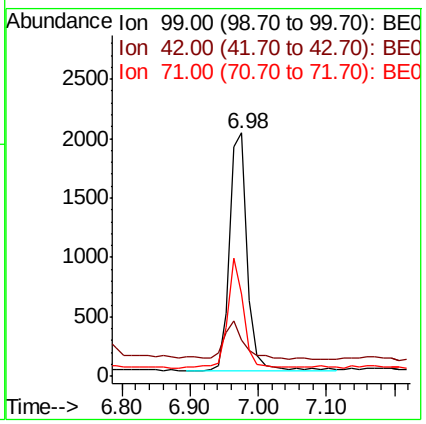


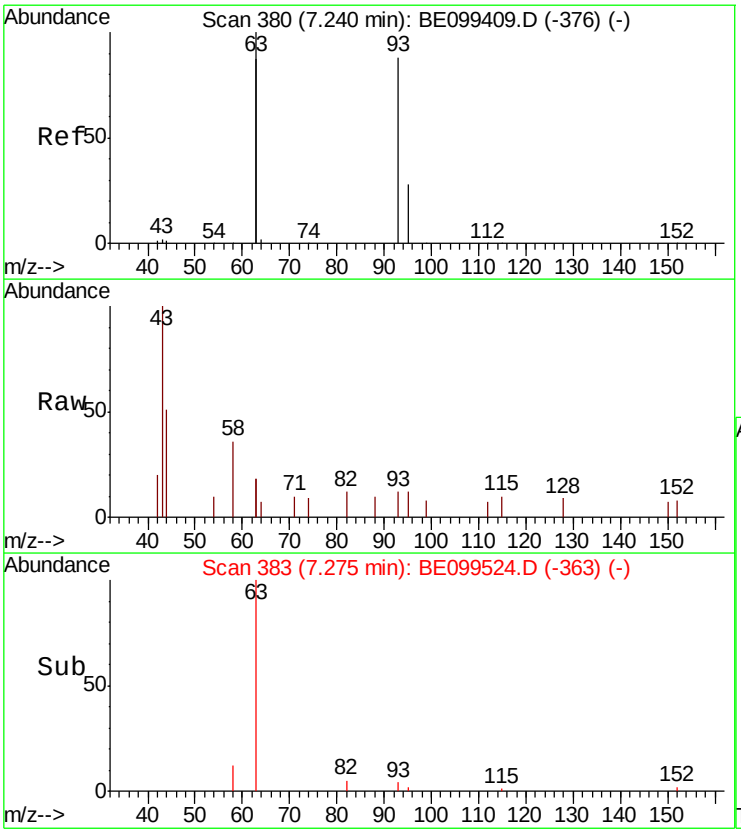
#5
Phenol-d6
Concen: 26.868 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion: 99 Resp: 3656

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.9	22.3
71	41.7	33.0	49.6

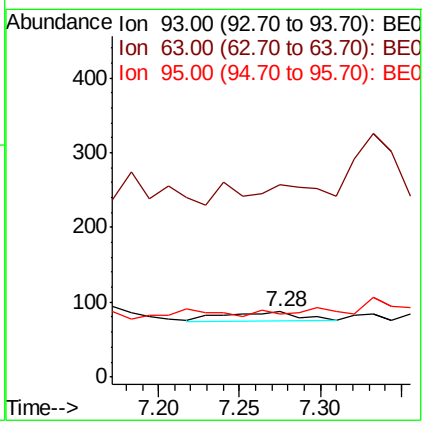


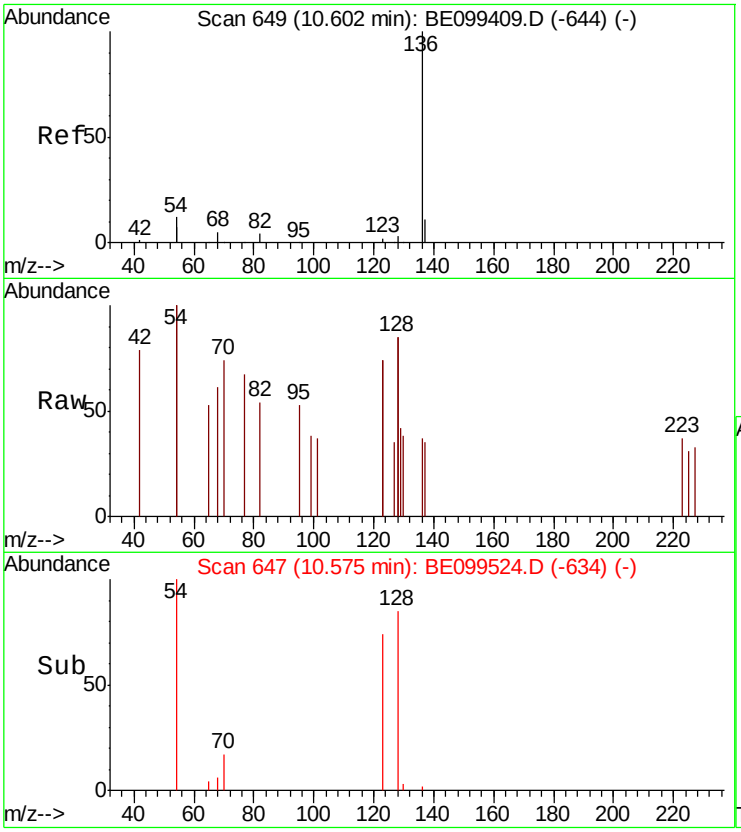


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.04 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion: 93 Resp: 43

Ion	Ratio	Lower	Upper
93	100		
63	0.0	215.6	323.4#
95	0.0	26.2	39.2#



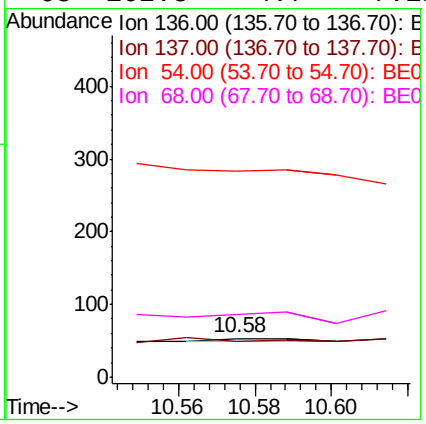


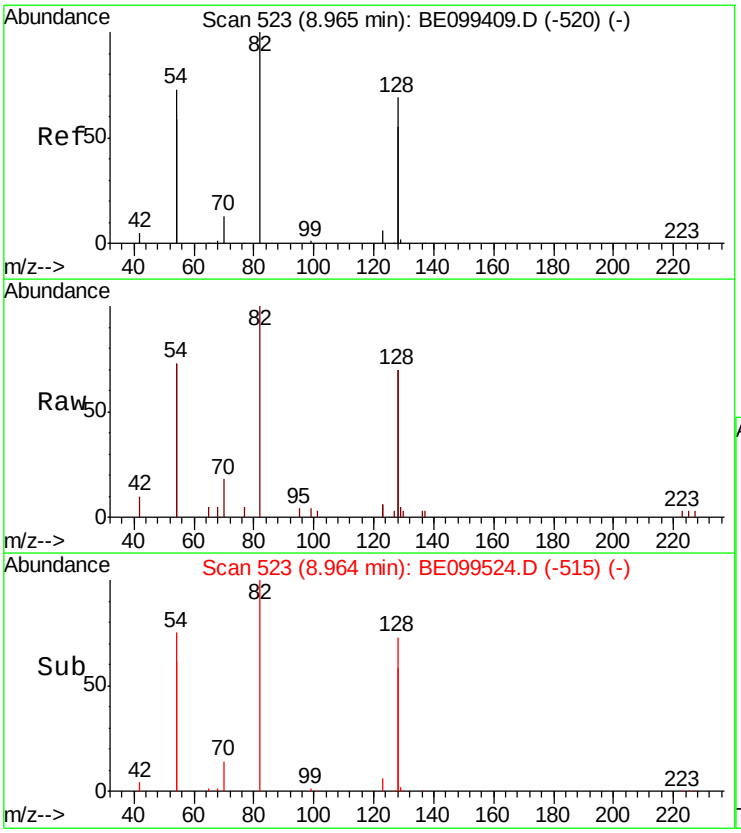
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.03 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:136 Resp: 6

Ion	Ratio	Lower	Upper
136	100		
137	92.5	9.8	14.8#
54	535.8	18.5	27.7#
68	162.3	4.7	7.1#

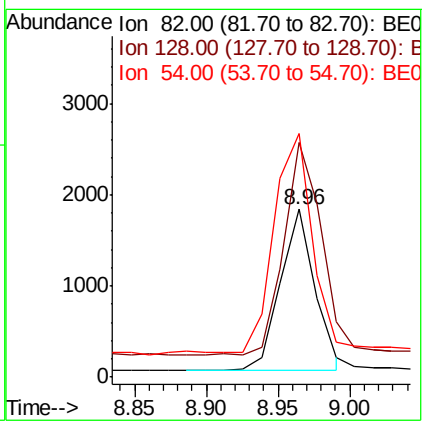


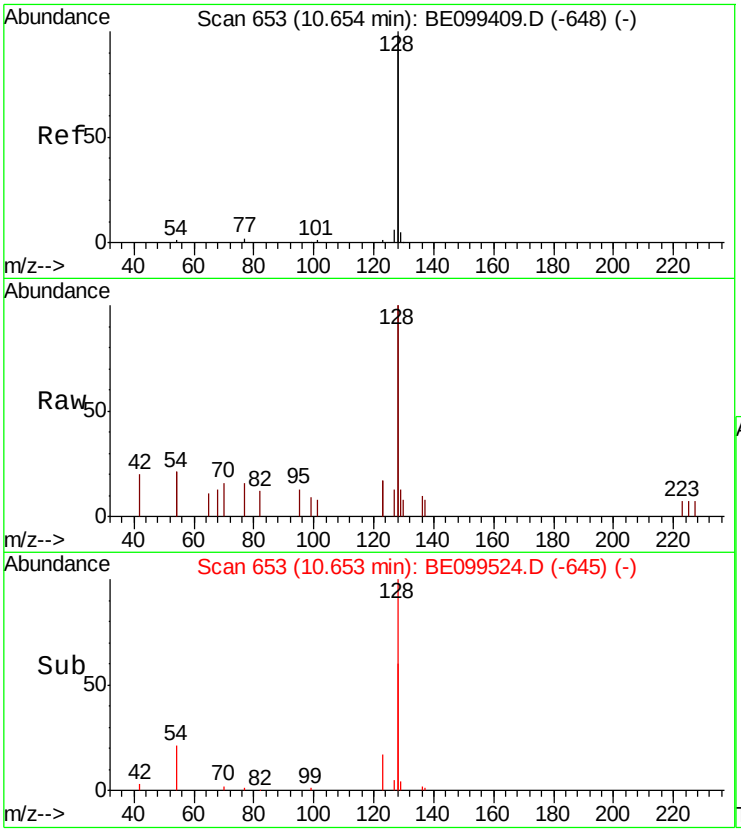


#8
Nitrobenzene-d5
Concen: 528.491 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion: 82 Resp: 2972

Ion	Ratio	Lower	Upper
82	100		
128	139.7	107.0	160.4
54	145.1	113.1	169.7



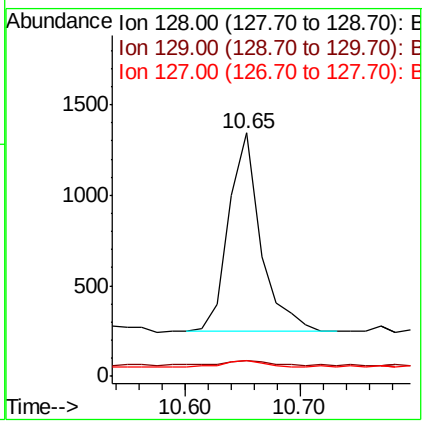


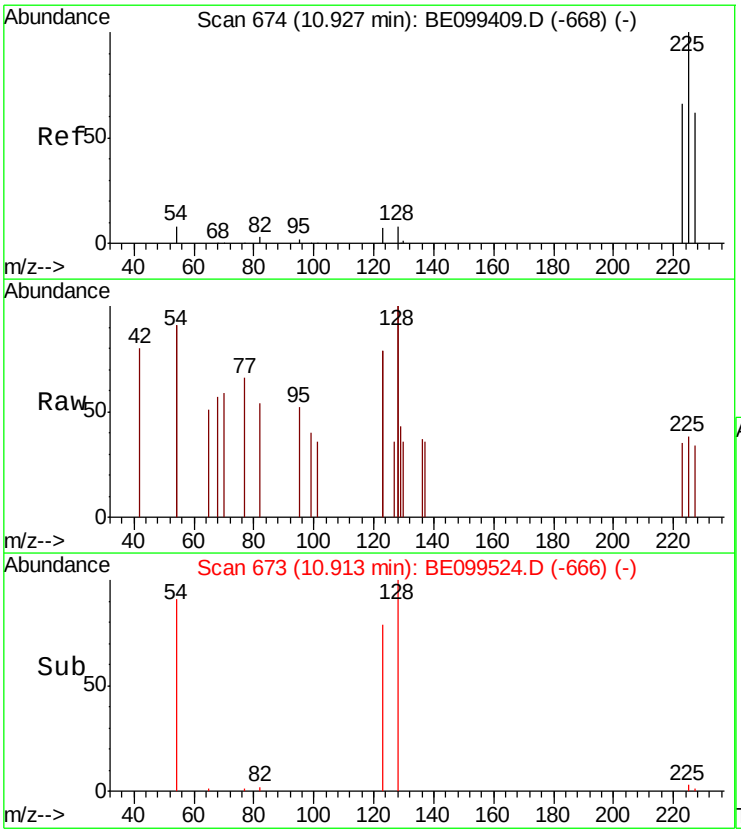
#9
Naphthalene
Concen: 32.410 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:128 Resp: 2119

Ion	Ratio	Lower	Upper
128	100		
129	6.6	2.4	3.6#
127	6.6	2.8	4.2#

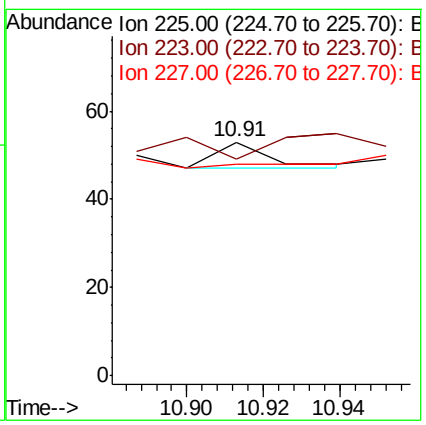


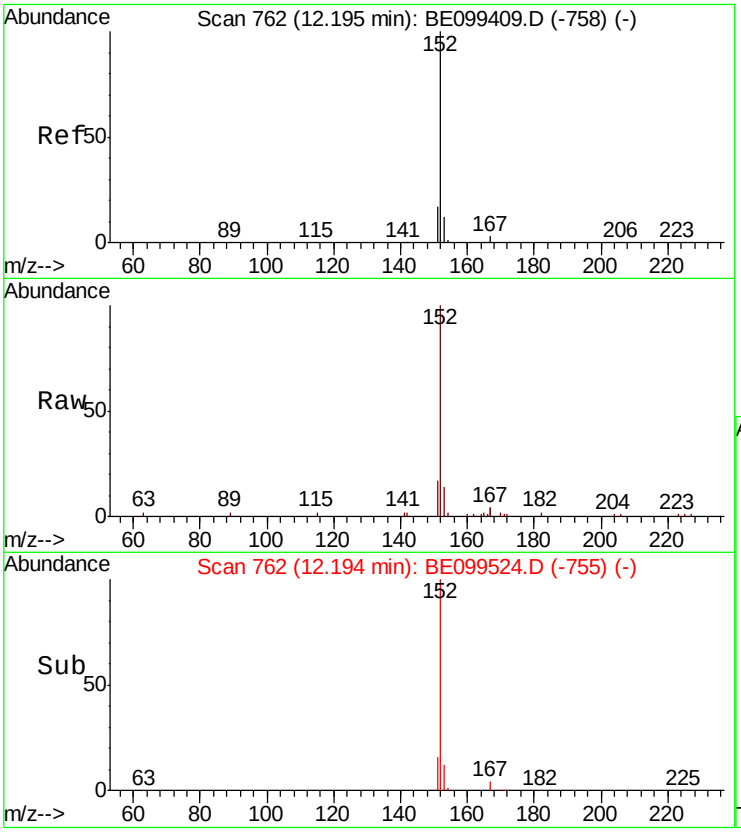


#10
Hexachlorobutadiene
Concen: 1.319 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.0	76.6#
227	0.0	50.9	76.3#



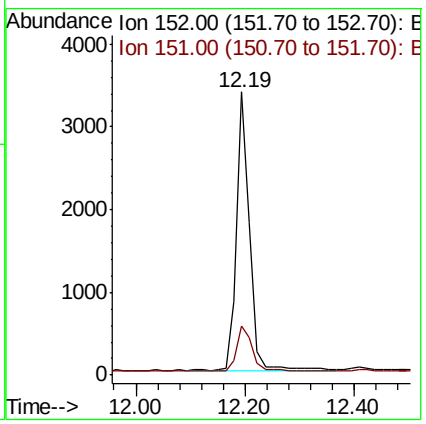


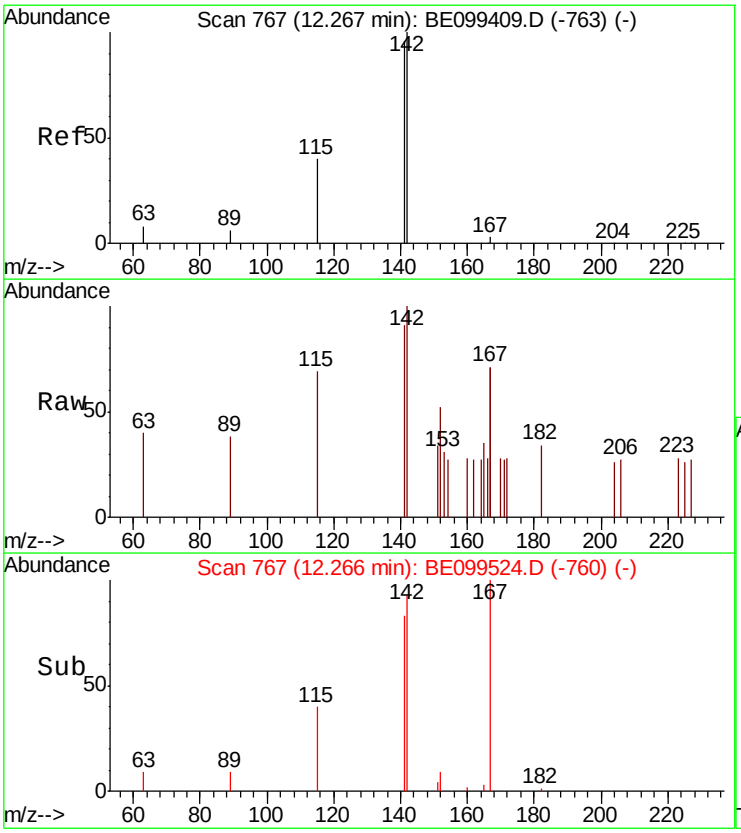
#11
2-Methylnaphthalene-d10
Concen: 523.207 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:152 Resp: 5656

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3

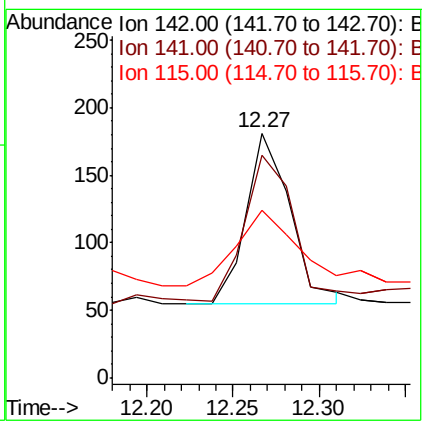


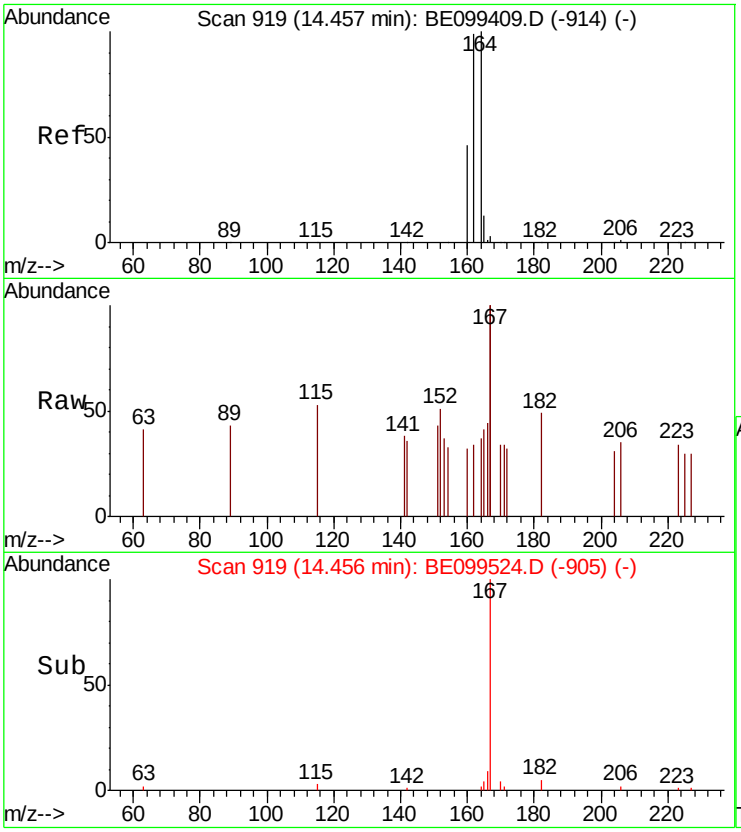


#12
2-Methylnaphthalene
Concen: 19.701 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:142 Resp: 224

Ion	Ratio	Lower	Upper
142	100		
141	91.2	77.0	115.4
115	68.5	33.4	50.0#



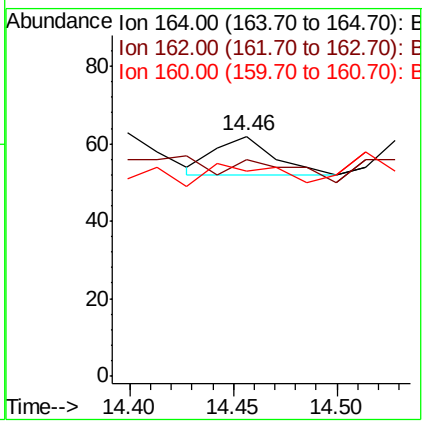


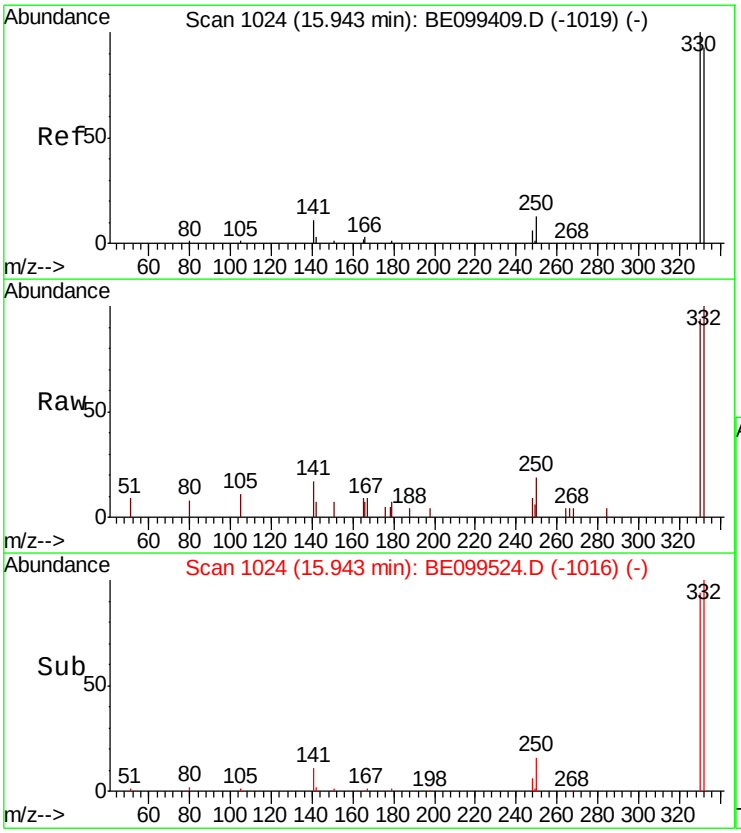
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:164 Resp: 20

Ion	Ratio	Lower	Upper
164	100		
162	90.3	79.0	118.4
160	85.5	37.0	55.4#

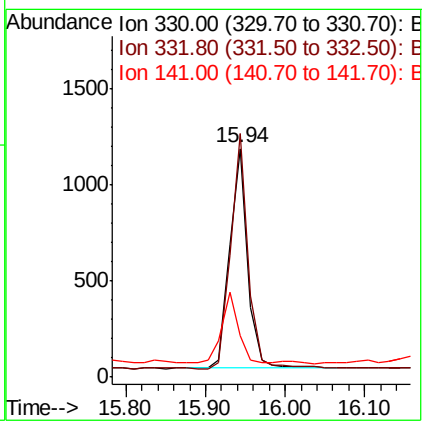


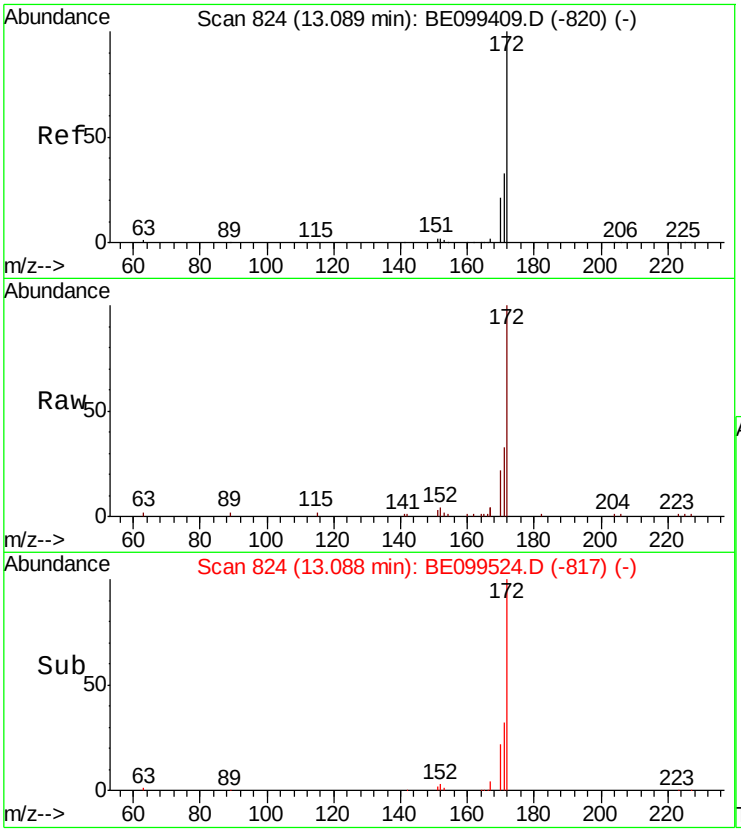


#14
2,4,6-Tribromophenol
Concen: 143.593 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:330 Resp: 1809

Ion	Ratio	Lower	Upper
330	100		
332	103.4	71.5	107.3
141	29.0	24.0	36.0



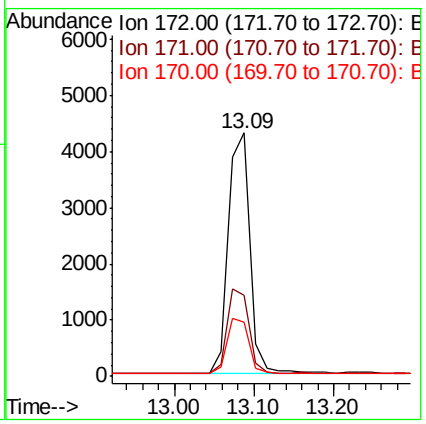


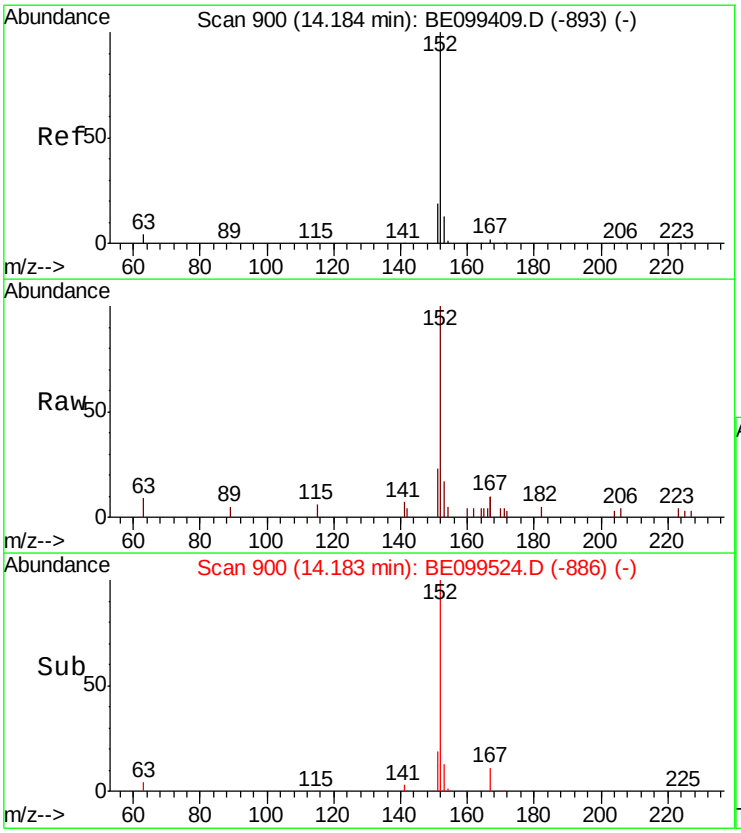
#15
2-Fluorobiphenyl
Concen: 106.438 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:172 Resp: 8122

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.6	39.8
170	22.4	17.0	25.6

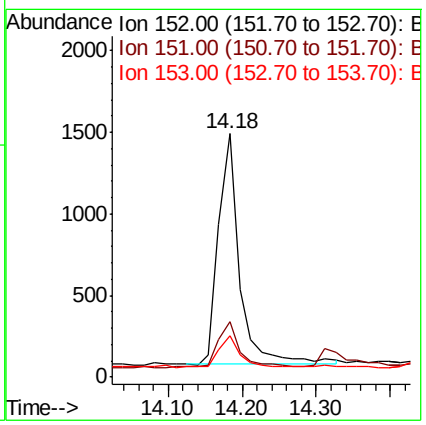


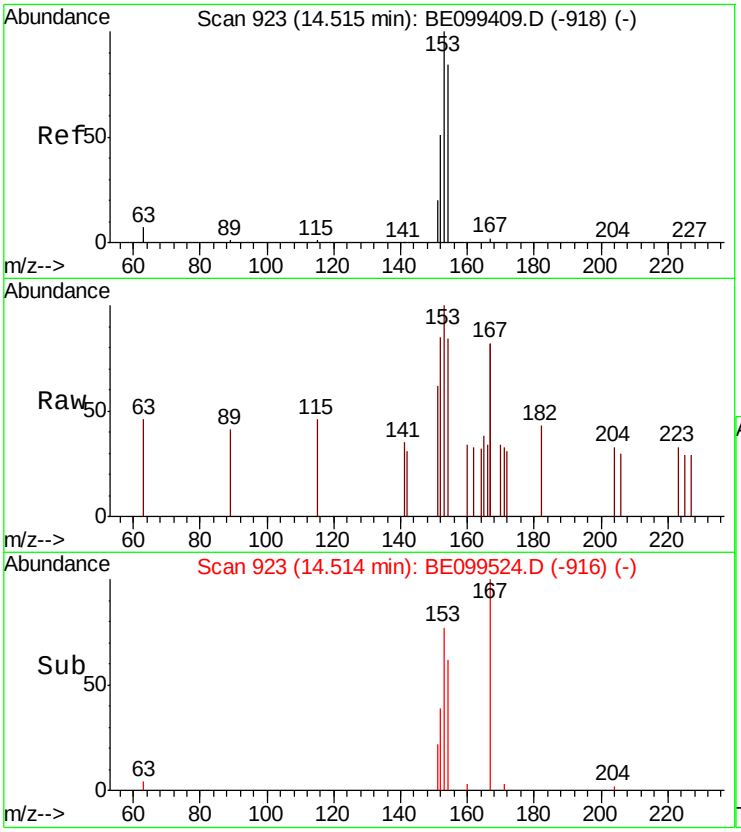


#16
Acenaphthylene
Concen: 28.303 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:152 Resp: 2770

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.4	23.2
153	13.1	9.8	14.6



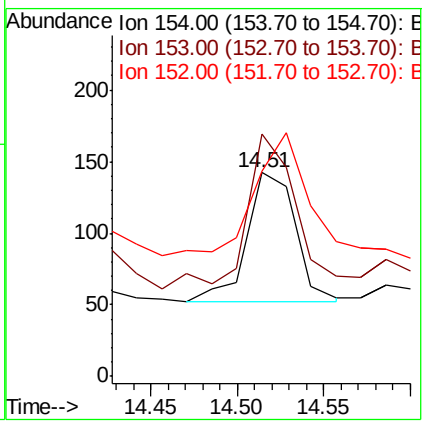


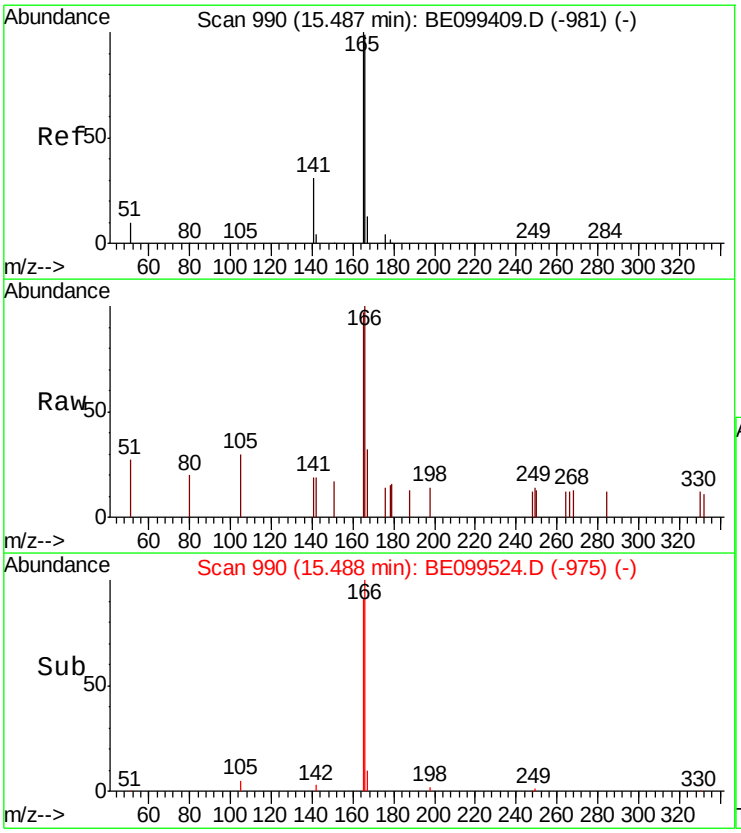
#17
Acenaphthene
Concen: 3.221 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:154 Resp: 180

Ion	Ratio	Lower	Upper
154	100		
153	121.1	92.6	138.8
152	101.1	45.8	68.8#

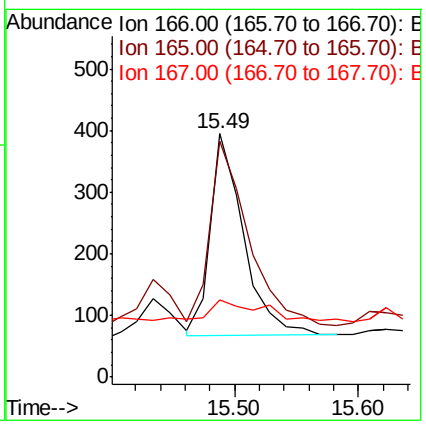


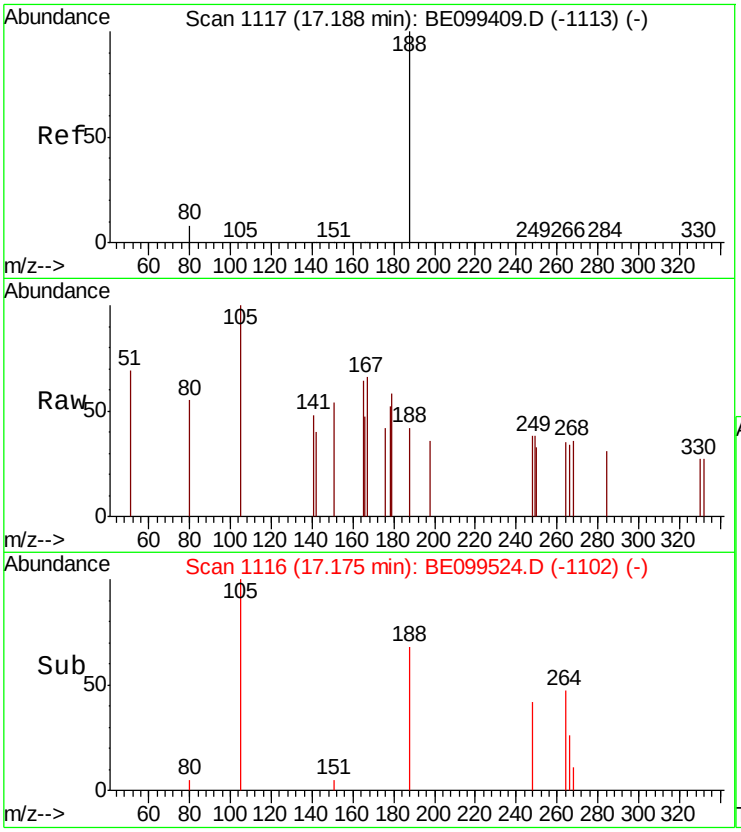


#18
Fluorene
Concen: 7.301 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:166 Resp: 602

Ion	Ratio	Lower	Upper
166	100		
165	106.5	80.3	120.5
167	23.9	10.7	16.1#



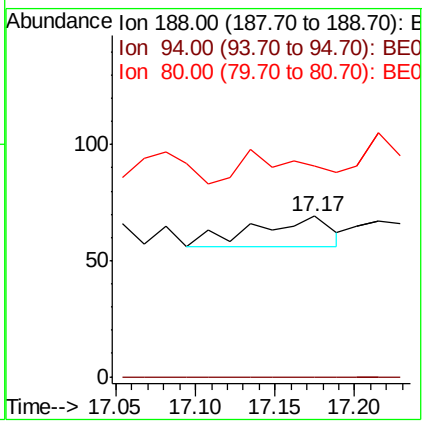


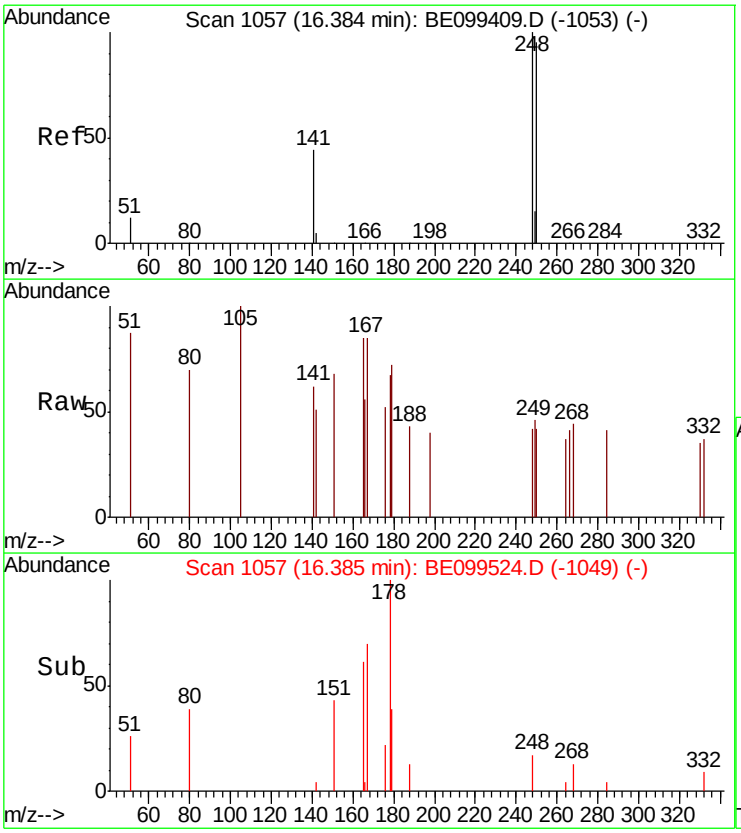
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:188 Resp: 43

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	131.9	6.7	10.1#

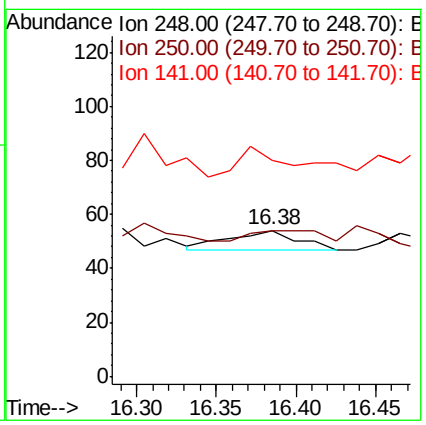


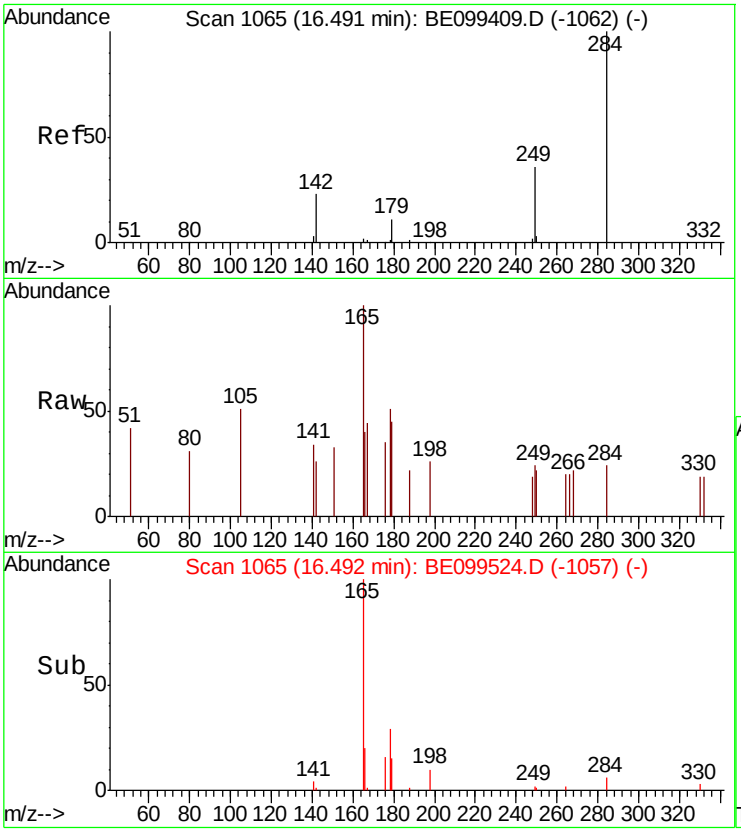


#20
4-Bromophenyl-phenylether
Concen: 0.799 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:248 Resp: 20

Ion	Ratio	Lower	Upper
248	100		
250	100.0	75.8	113.8
141	148.1	35.7	53.5#



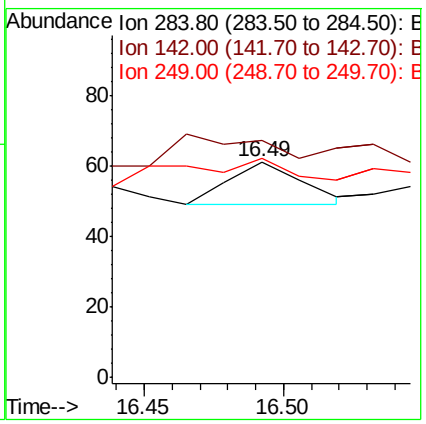


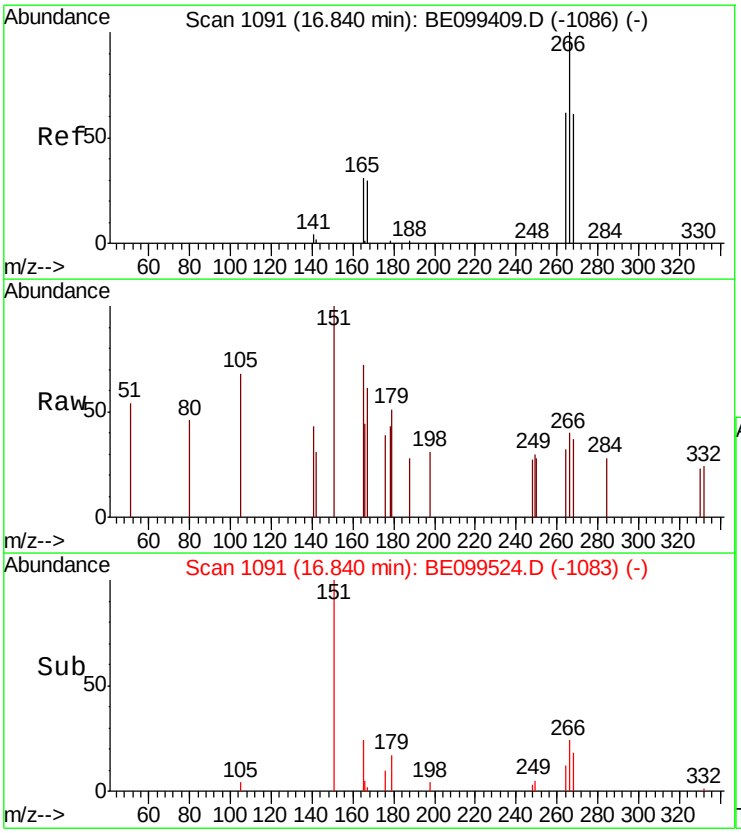
#21
Hexachlorobenzene
Concen: 0.922 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:284 Resp: 22

Ion	Ratio	Lower	Upper
284	100		
142	0.0	21.0	31.6#
249	104.5	26.7	40.1#

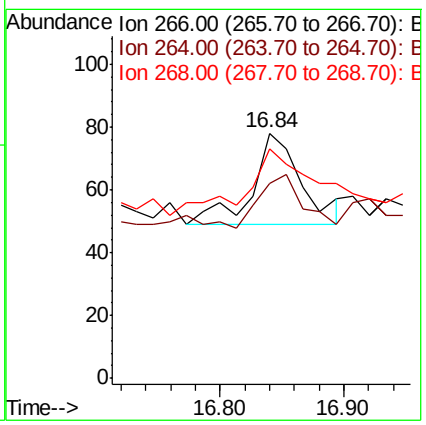


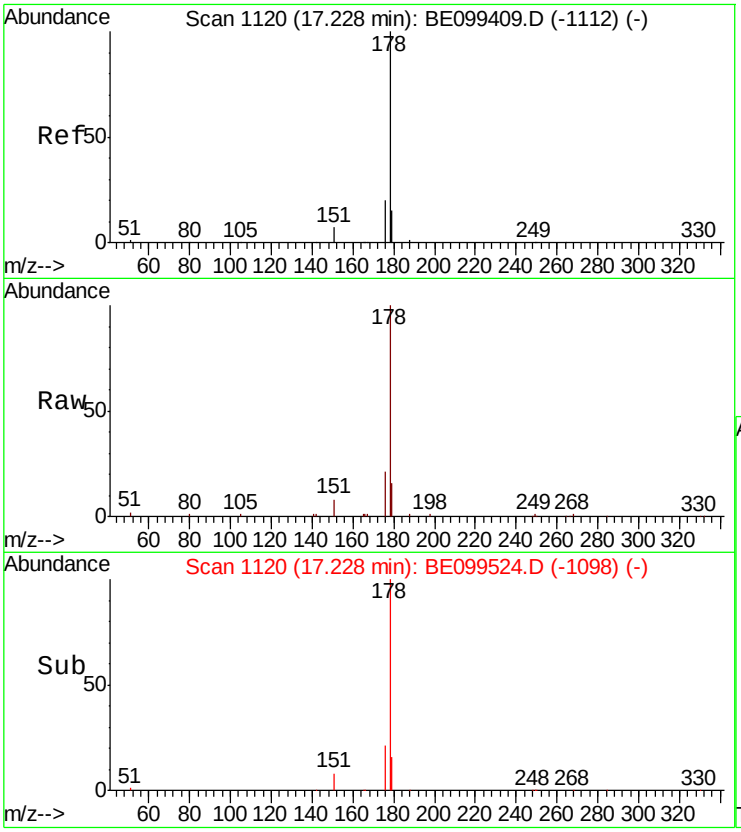


#22
Pentachlorophenol
Concen: 5.787 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:266 Resp: 80

Ion	Ratio	Lower	Upper
266	100		
264	79.5	50.8	76.2#
268	93.6	50.5	75.7#



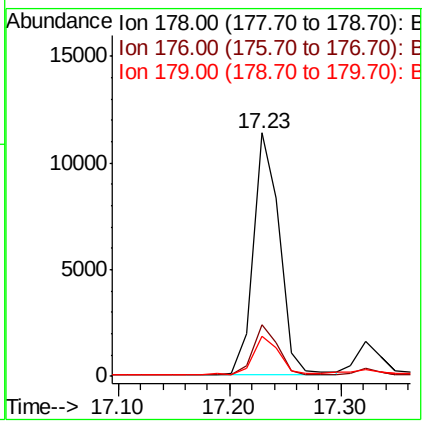


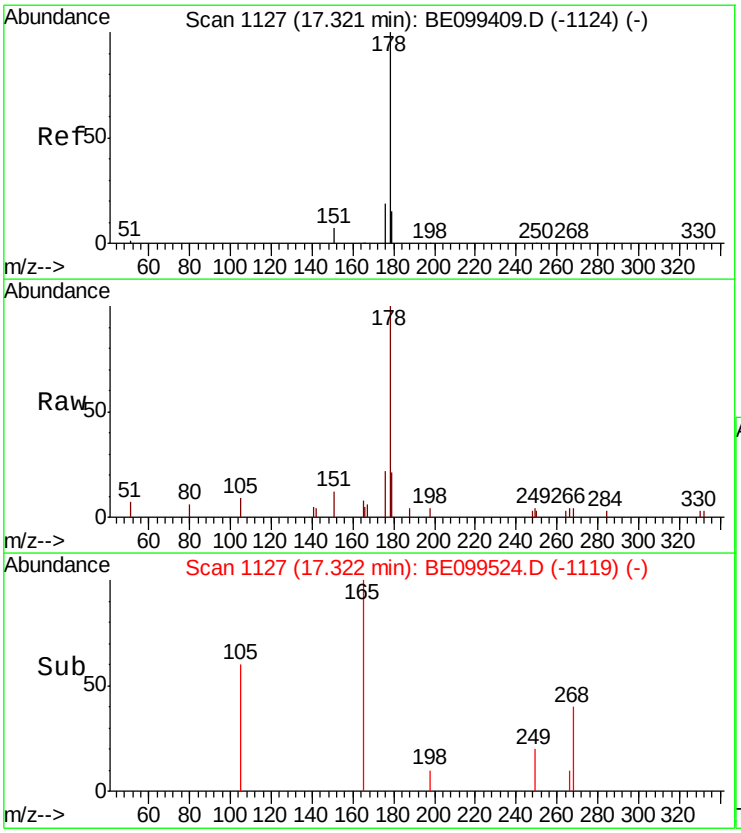
#23
Phenanthrene
Concen: 165.857 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:178 Resp: 18403

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.9	12.0	18.0

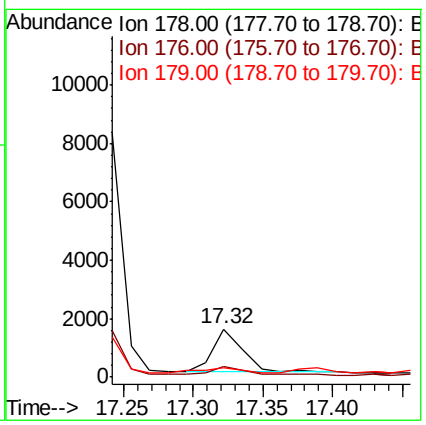


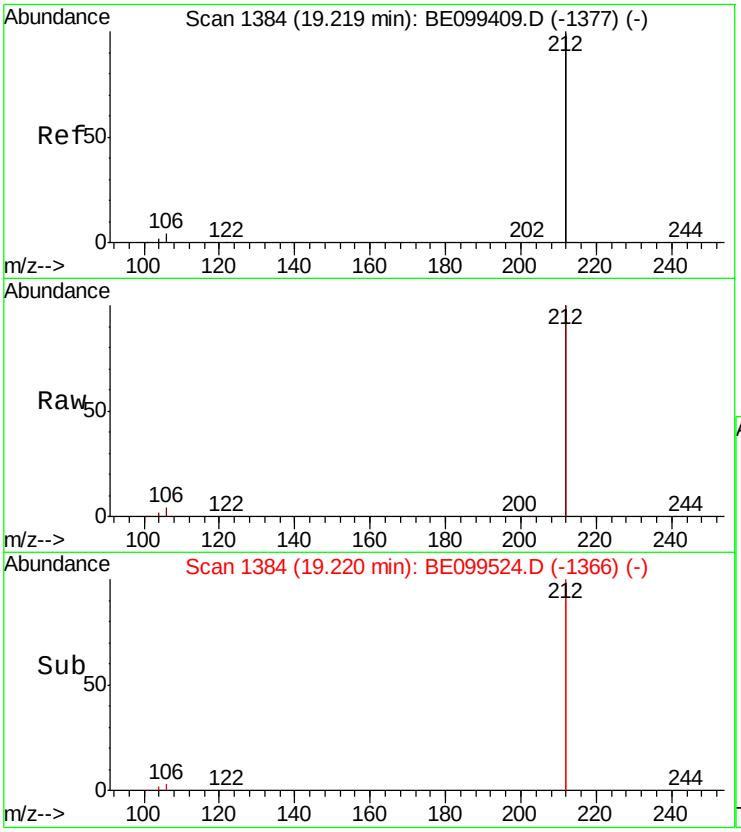


#24
Anthracene
Concen: 20.557 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:178 Resp: 2174

Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.9	22.3
179	16.4	11.9	17.9



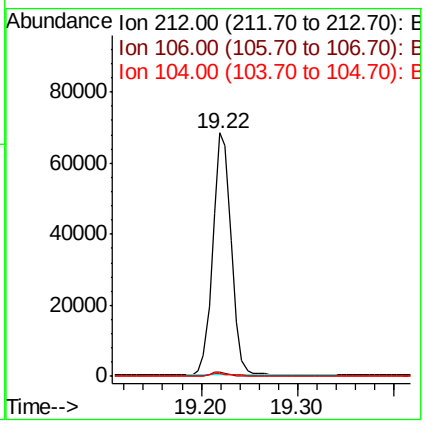


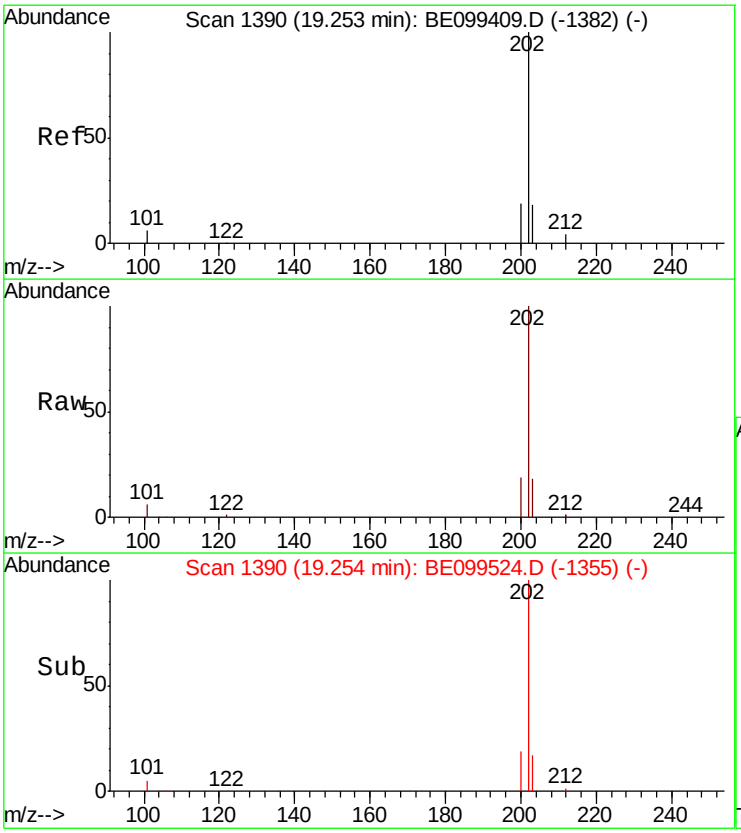
#25
Fluoranthene-d10
Concen: 157.189 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:212 Resp: 91099

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.5	2.3
104	1.2	0.9	1.3

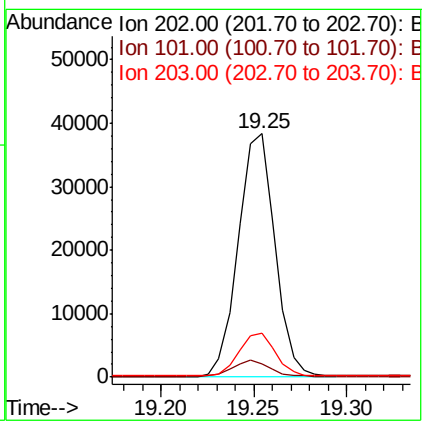


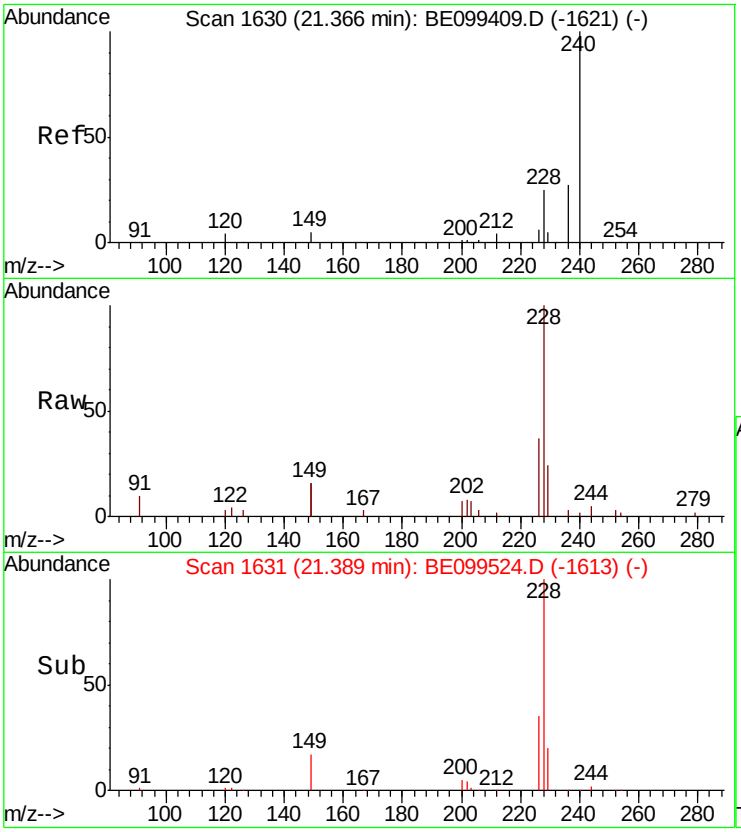


#26
Fluoranthene
Concen: 315.631 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:202 Resp: 52458

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	17.6	13.9	20.9



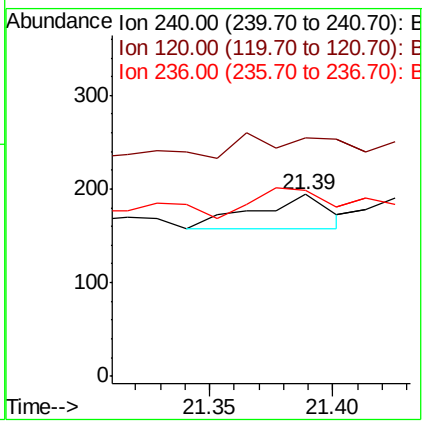


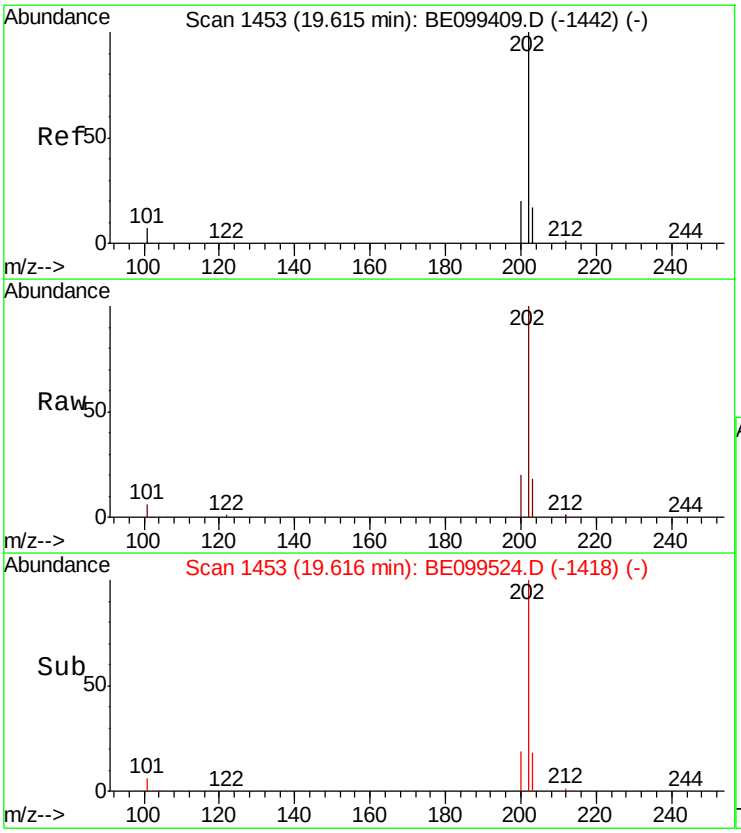
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. 0.02 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:240 Resp: 77

Ion	Ratio	Lower	Upper
240	100		
120	130.9	4.0	6.0#
236	102.6	22.0	33.0#

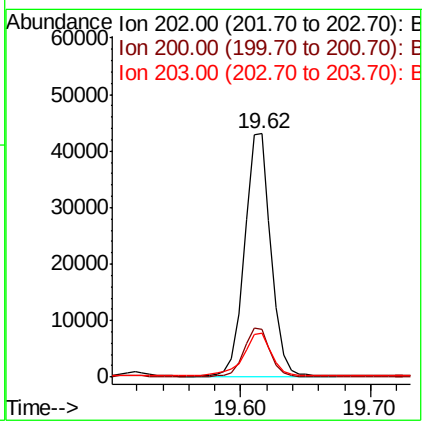


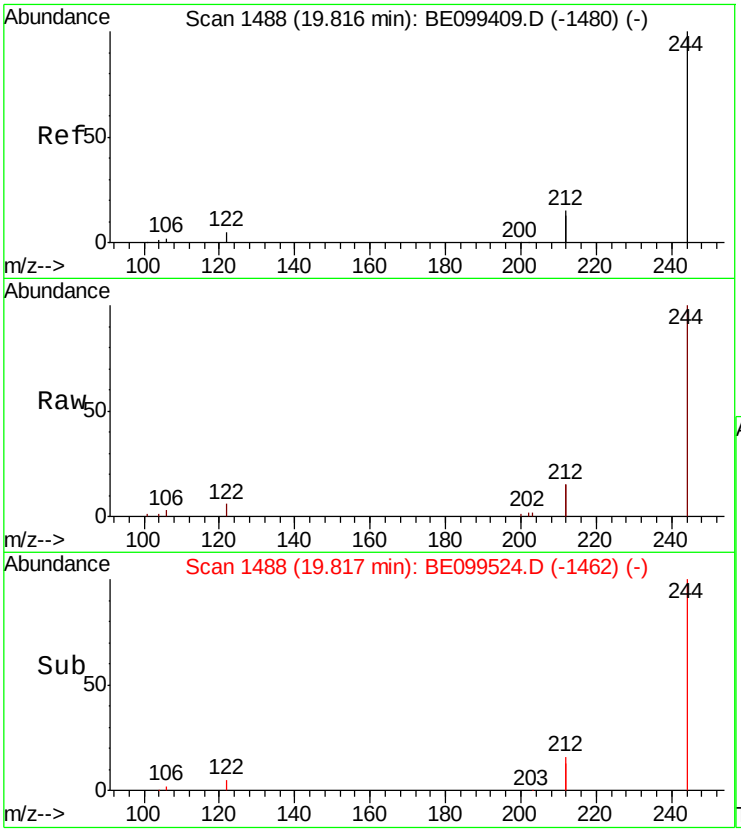


#28
Pyrene
Concen: 300.416 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:202 Resp: 60298

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	19.3	13.9	20.9



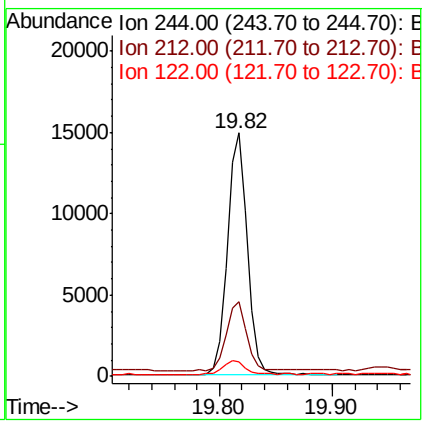


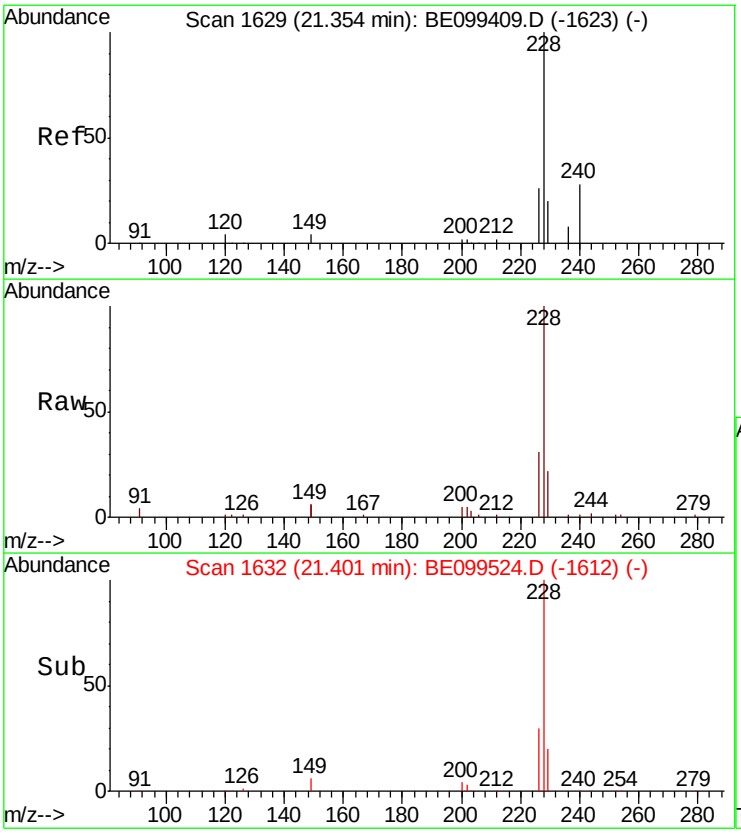
#29
Terphenyl-d14
Concen: 129.902 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:244 Resp: 18318

Ion	Ratio	Lower	Upper
244	100		
212	30.8	23.2	34.8
122	5.7	4.2	6.4

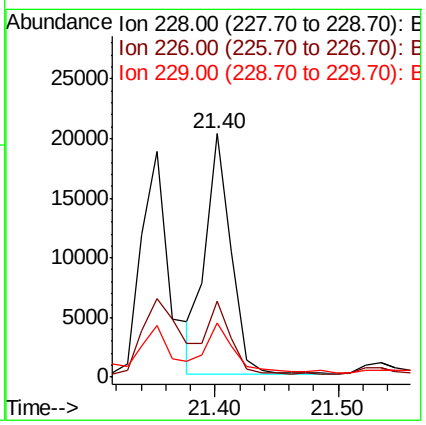


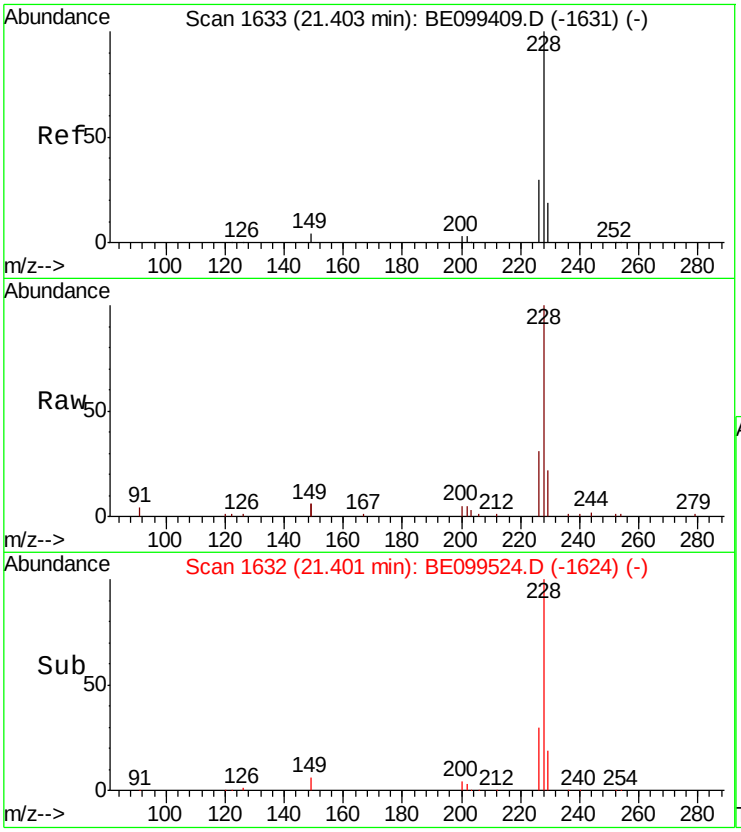


#30
Benzo(a)anthracene
Concen: 117.905 ng
RT: 21.40 min Scan# 1632
Delta R.T. 0.05 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:228 Resp: 28926

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.6
229	22.3	16.6	25.0



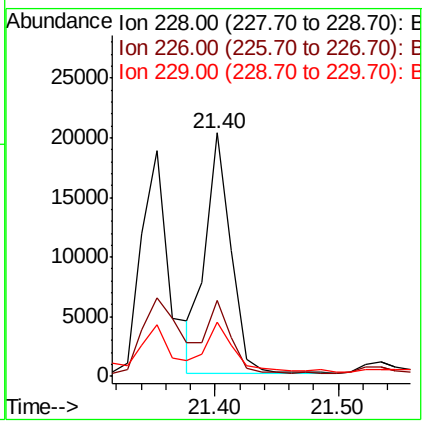


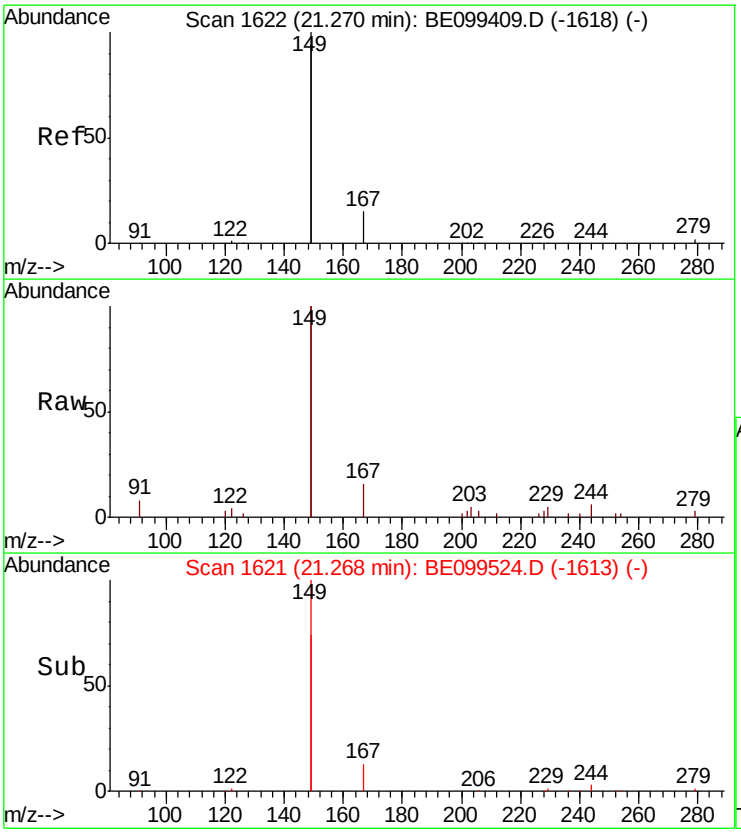
#31
Chrysene
Concen: 119.826 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:228 Resp: 28767

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.3	15.8	23.8

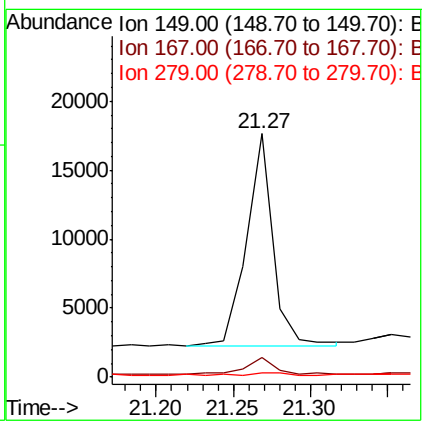


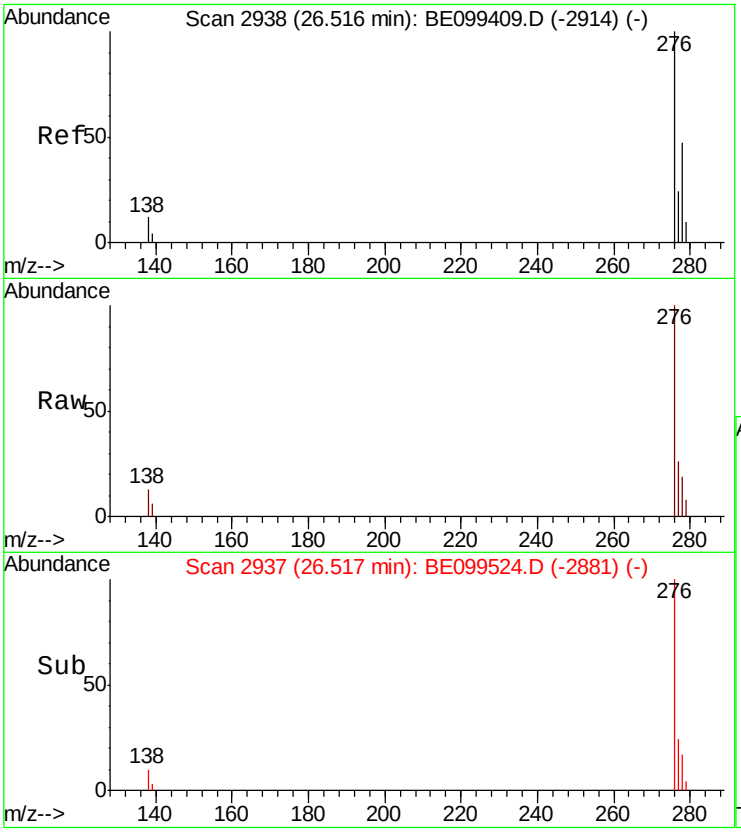


#32
Bis(2-ethylhexyl)phthalate
Concen: 53.862 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:149 Resp: 18661

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.6
279	1.2	1.0	1.6



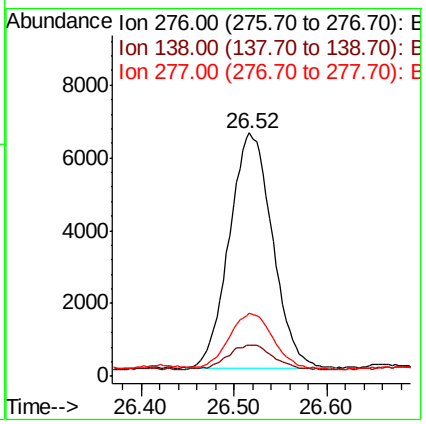


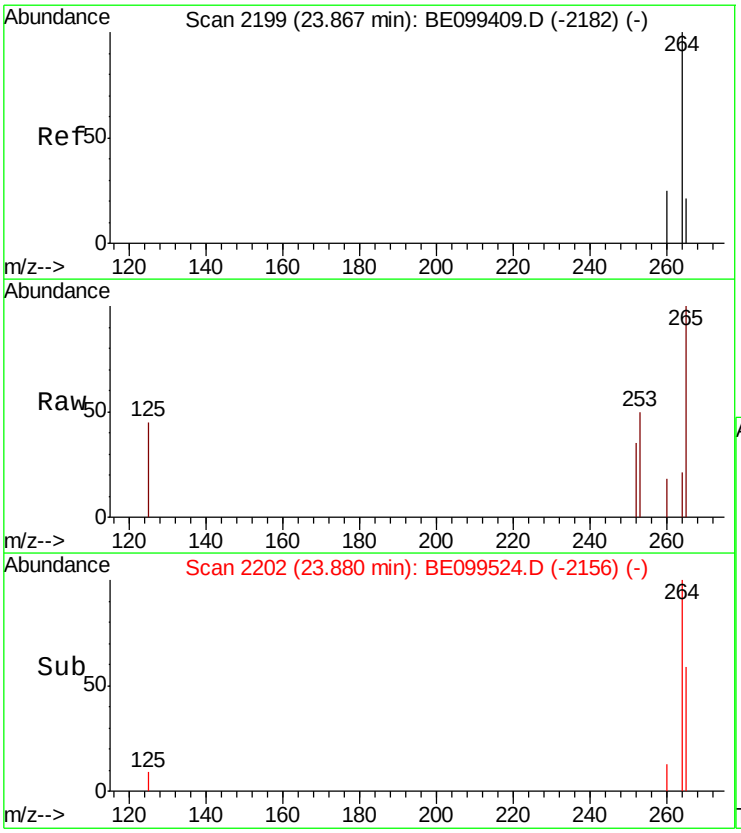
#33
Indeno(1,2,3-cd)pyrene
Concen: 73.652 ng
RT: 26.52 min Scan# 2937
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:276 Resp: 20898

Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.2	15.2
277	25.2	19.2	28.8

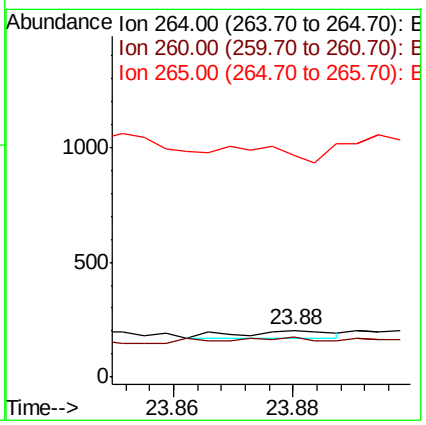


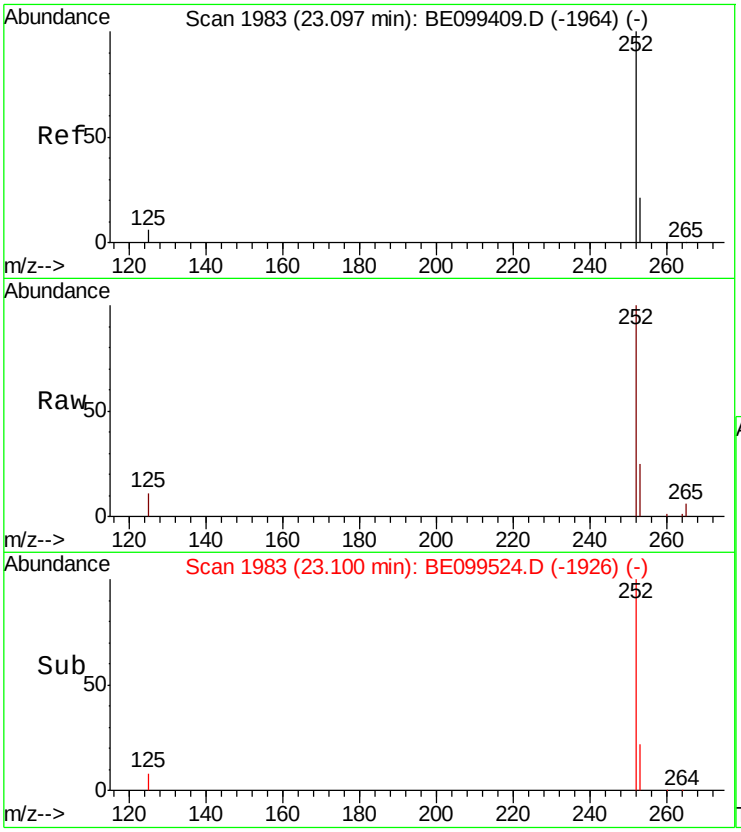


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:264 Resp: 37

Ion	Ratio	Lower	Upper
264	100		
260	85.9	20.2	30.2#
265	470.7	21.3	31.9#



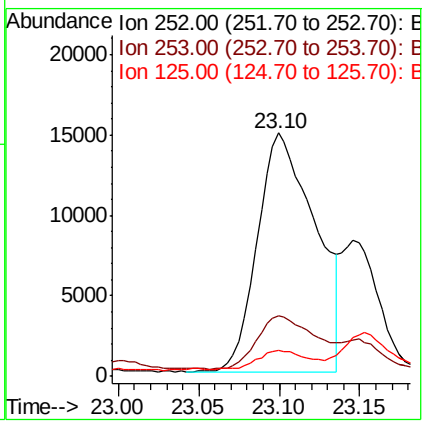


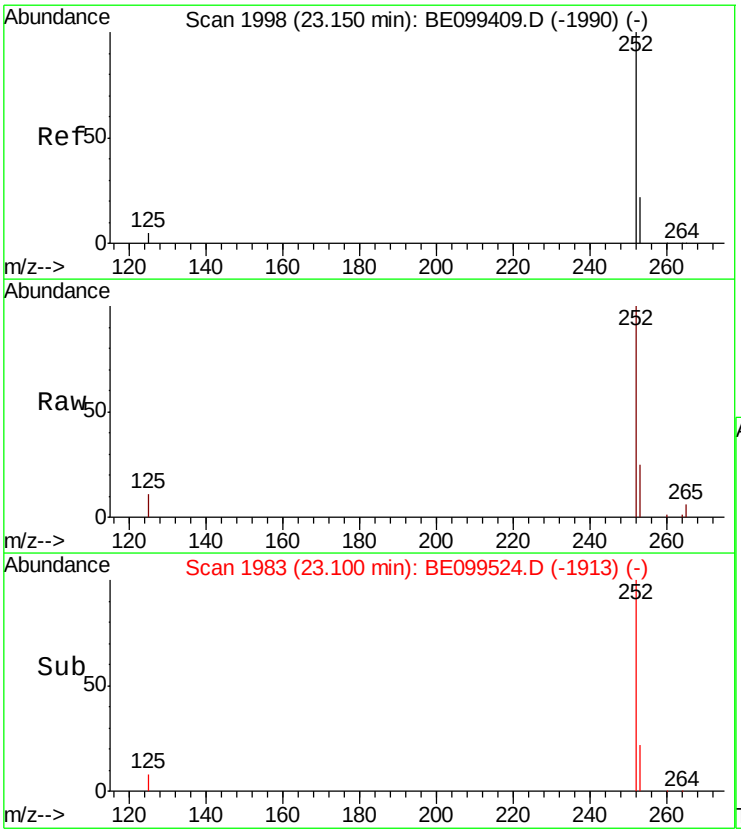
#35
Benzo(b)fluoranthene
Concen: 348.356 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:252 Resp: 37166

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	10.6	5.6	8.4#

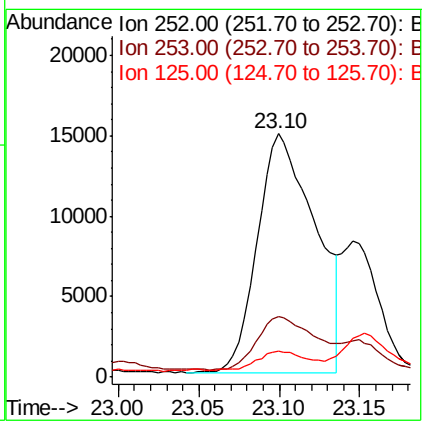


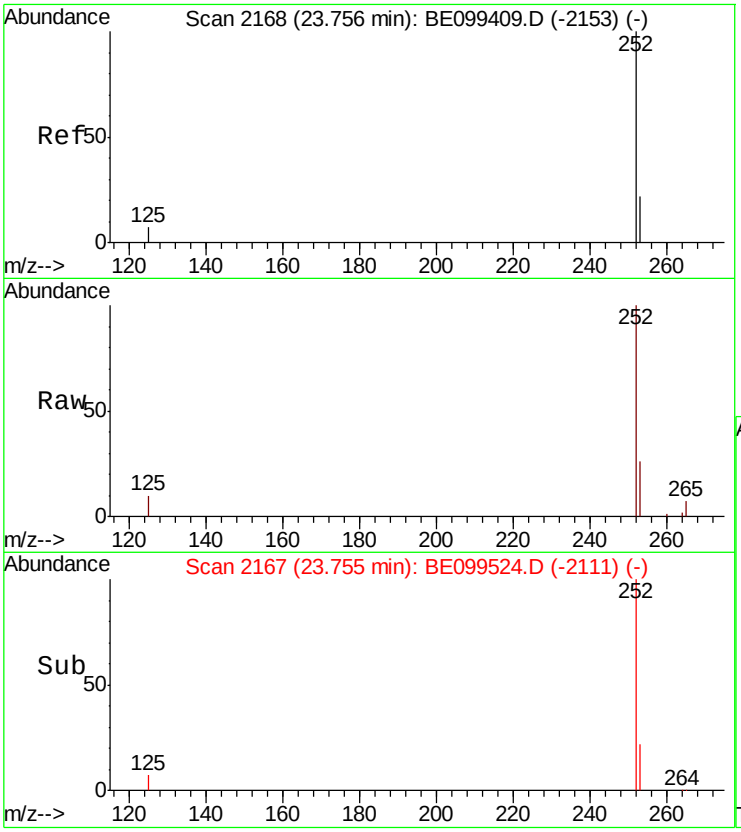


#36
Benzo(k)fluoranthene
Concen: 361.262 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:252 Resp: 37166

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	10.6	5.0	7.4#



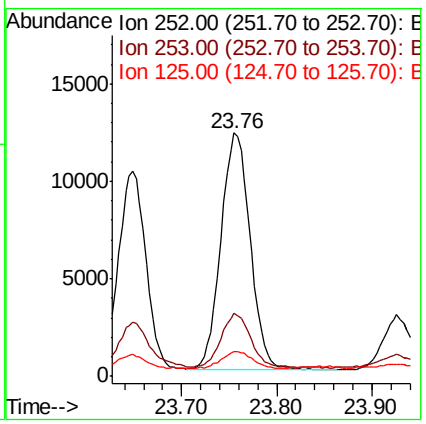


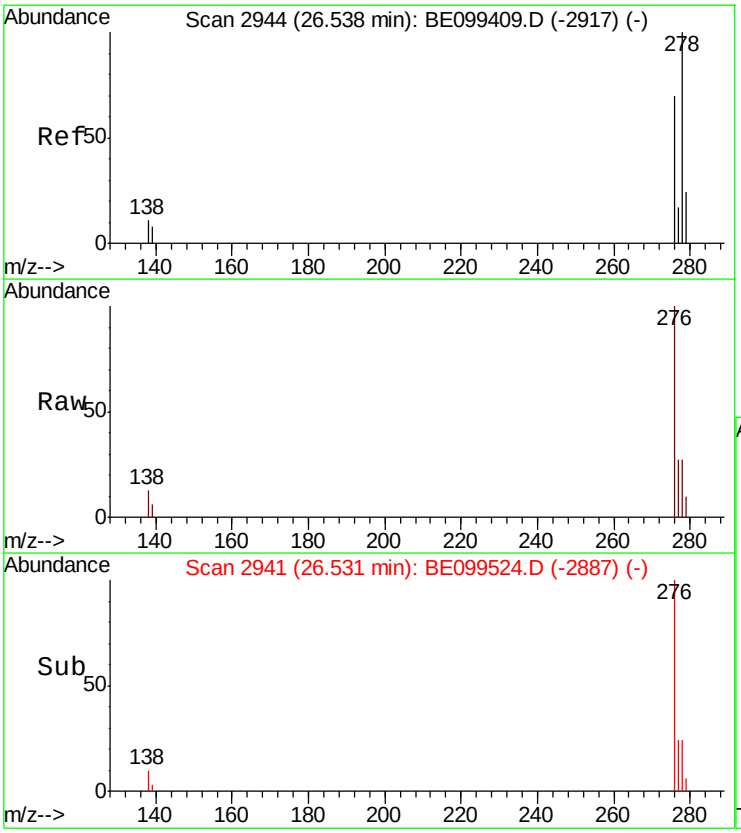
#37
Benzo(a)pyrene
Concen: 257.805 ng
RT: 23.76 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:252 Resp: 26003

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.9	28.3
125	10.0	6.7	10.1

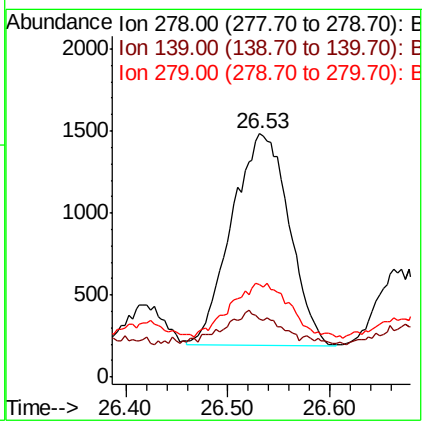


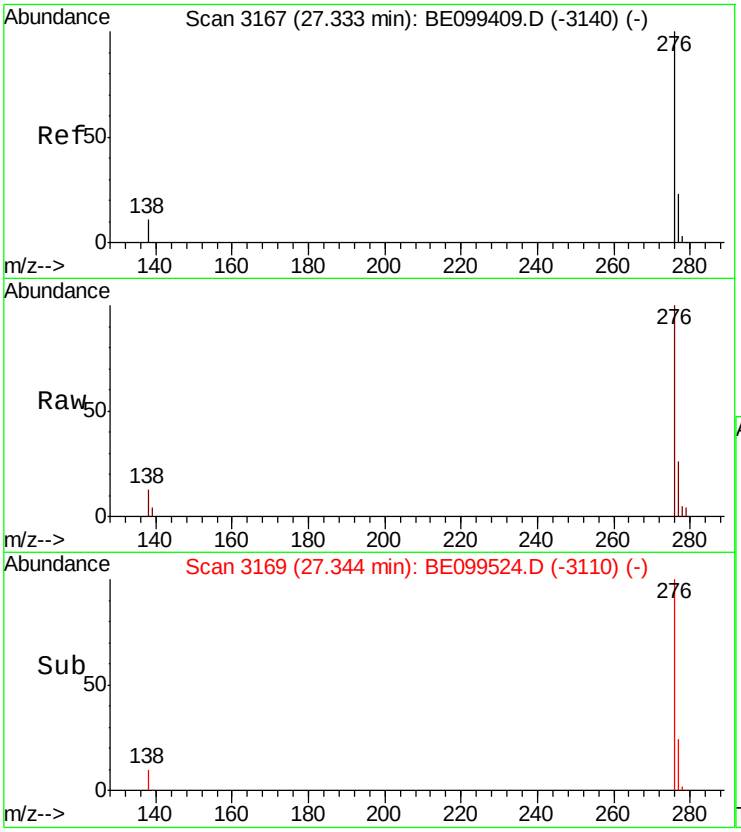


#38
Dibenzo(a,h)anthracene
Concen: 48.897 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Tgt Ion:278 Resp: 5045

Ion	Ratio	Lower	Upper
278	100		
139	23.8	7.7	11.5#
279	38.1	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 216.434 ng
RT: 27.34 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BE099524.D
Acq: 3 May 2019 10:19

Instrument :
BNA_E
ClientSampleId :
PST-001-SW018-042419

Tgt Ion:276 Resp: 22373

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.5	29.3
138	13.5	9.6	14.4