Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
Data File : BE099534.D
Acq On : 3 May 2019 17:43
Operator : JU/SJ
Sample : K2587-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-003-B178-042319

Quant Time: May 03 23:36:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2762	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	10386	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7938	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	21525	0.40	ng		0.01
27) Chrysene-d12	21.38	240	28116	0.40	ng		0.01
34) Perylene-d12	23.89	264	30901	0.40	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	2211	0.29	ng		0.01
5) Phenol-d6	6.97	99	3302	0.33	ng		0.00
8) Nitrobenzene-d5	8.96	82	2958	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	5303	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1714	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	7816	0.26	ng		0.00
25) Fluoranthene-d10	19.23	212	69332	0.24	ng		0.01
29) Terphenyl-d14	19.82	244	15485	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	122	0.032	ng	#	77
3) n-Nitrosodimethylamine	3.67	42	64	0.028	ng	#	1
9) Naphthalene	10.65	128	4607	0.041	ng	#	94
12) 2-Methylnaphthalene	12.28	142	867	0.044	ng	#	85
16) Acenaphthylene	14.18	152	13554	0.349	ng	#	86
17) Acenaphthene	14.53	154	2300	0.104	ng	#	83
18) Fluorene	15.50	166	4651	0.142	ng	#	81
22) Pentachlorophenol	16.88	266	105	0.231	ng	#	66
23) Phenanthrene	17.24	178	131106	2.360	ng		97
24) Anthracene	17.32	178	18439	0.348	ng		96
26) Fluoranthene	19.26	202	342489	4.117	ng	#	86
28) Pyrene	19.62	202	408604	5.575	ng	#	96
30) Benzo(a)anthracene	21.35	228	235021	2.624	ng	#	90
31) Chrysene	21.41	228	277813	3.169	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.27	149	53449	0.351	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.56	276	131033	1.265	ng	#	95
35) Benzo(b)fluoranthene	23.12	252	302362	3.393	ng	#	83
36) Benzo(k)fluoranthene	23.12	252	302362	3.519	ng	#	83
37) Benzo(a)pyrene	23.78	252	200516	2.380	ng	#	90
38) Dibenzo(a,h)anthracene	26.57	278	32611	0.378	ng	#	43
39) Benzo(g,h,i)perylene	27.39	276	136829	1.585	ng	#	89

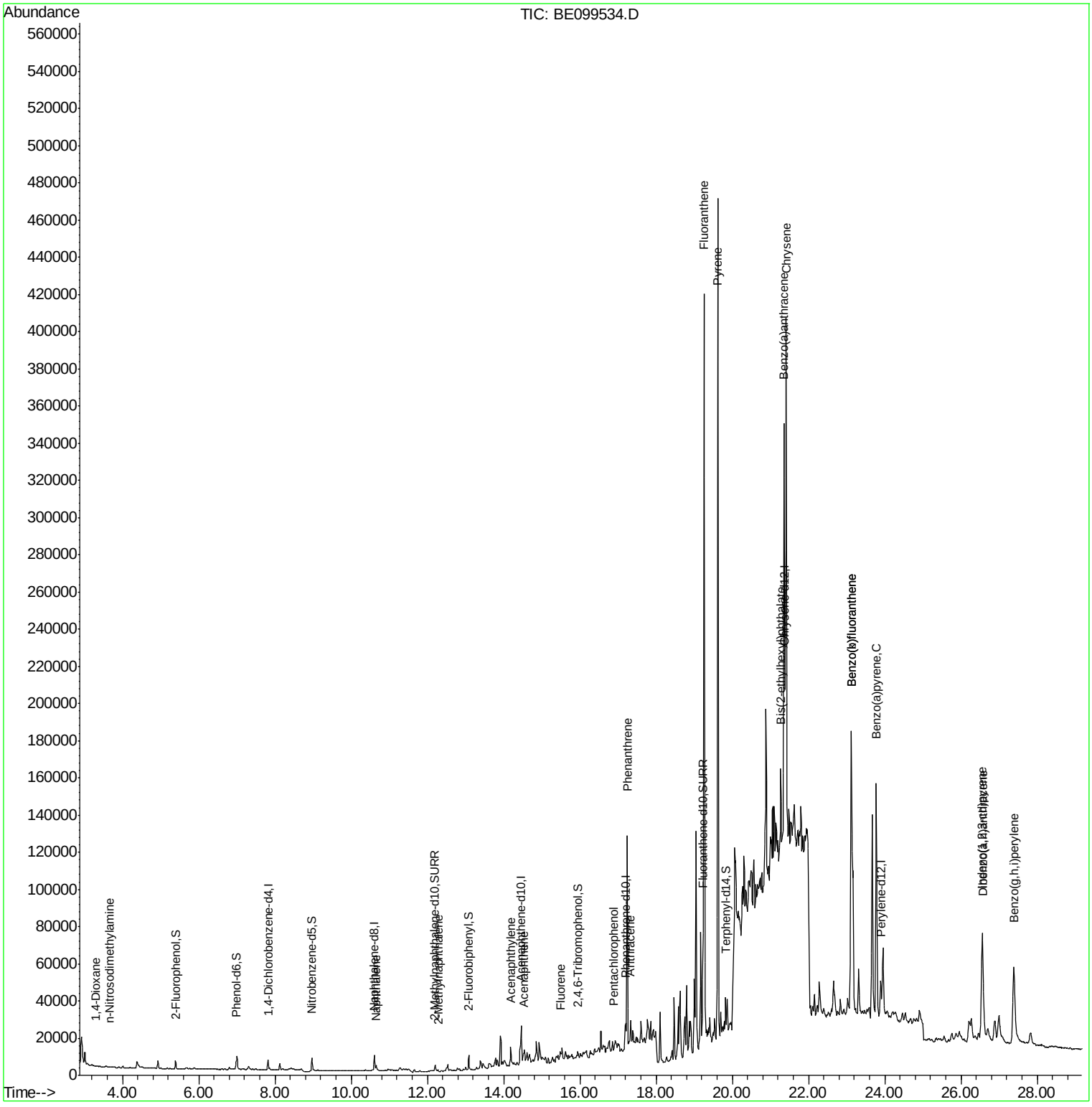
(#) = qualifier out of range (m) = manual integration (+) = signals summed

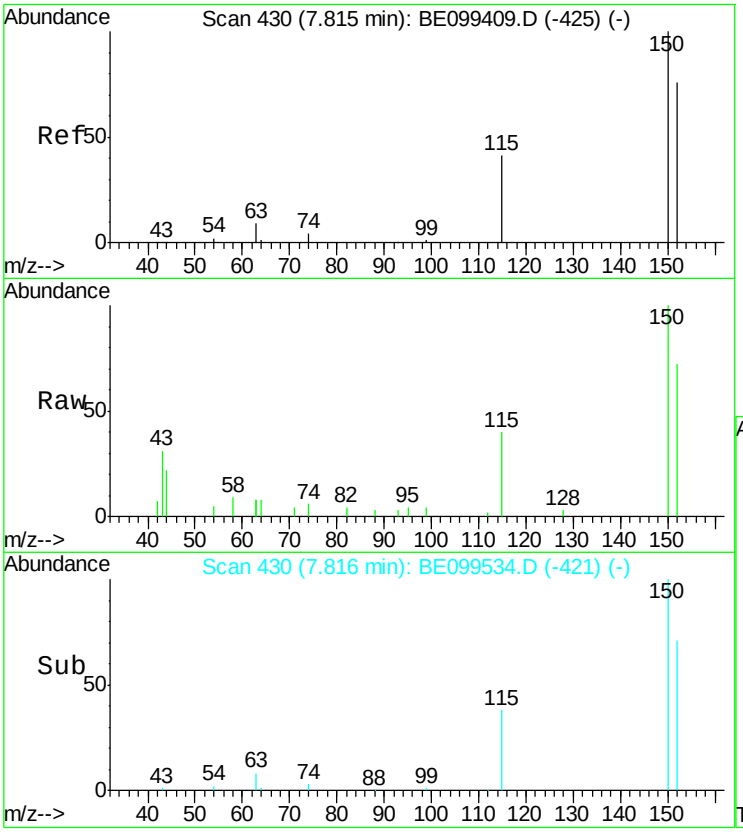
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
Data File : BE099534.D
Acq On : 3 May 2019 17:43
Operator : JU/SJ
Sample : K2587-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Quant Time: May 03 23:36:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



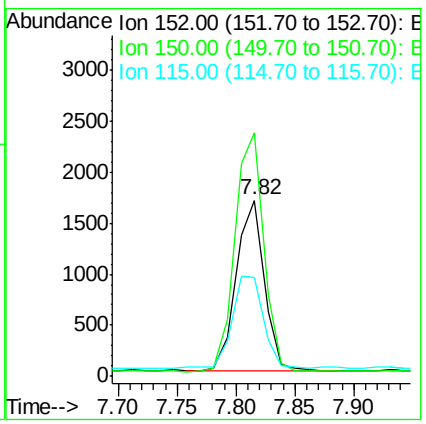


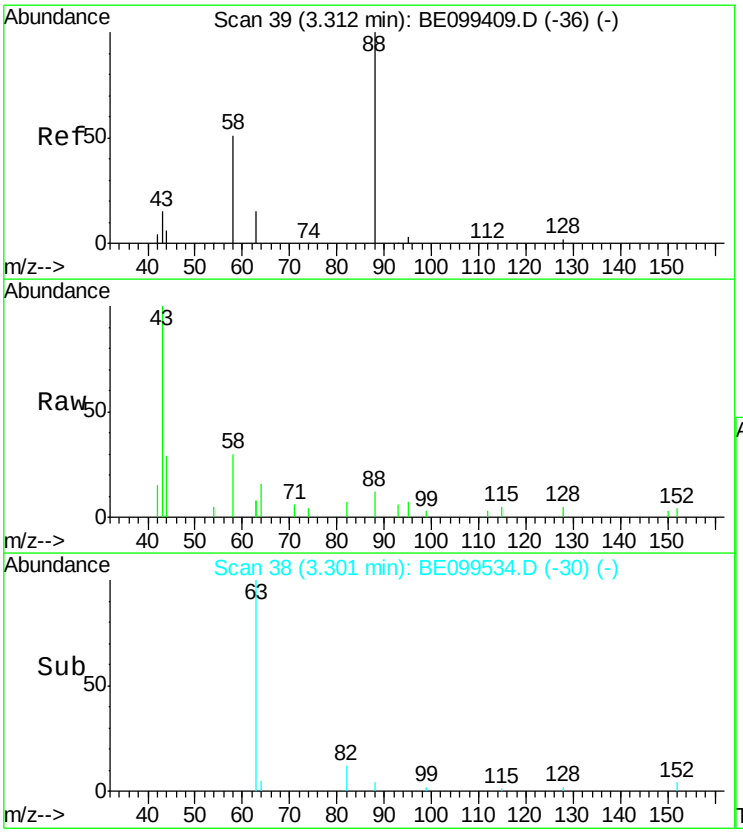
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:152 Resp: 2762

Ion	Ratio	Lower	Upper
152	100		
150	138.2	104.8	157.2
115	55.9	46.6	69.8

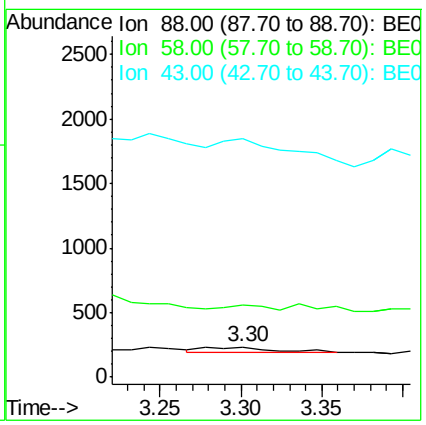


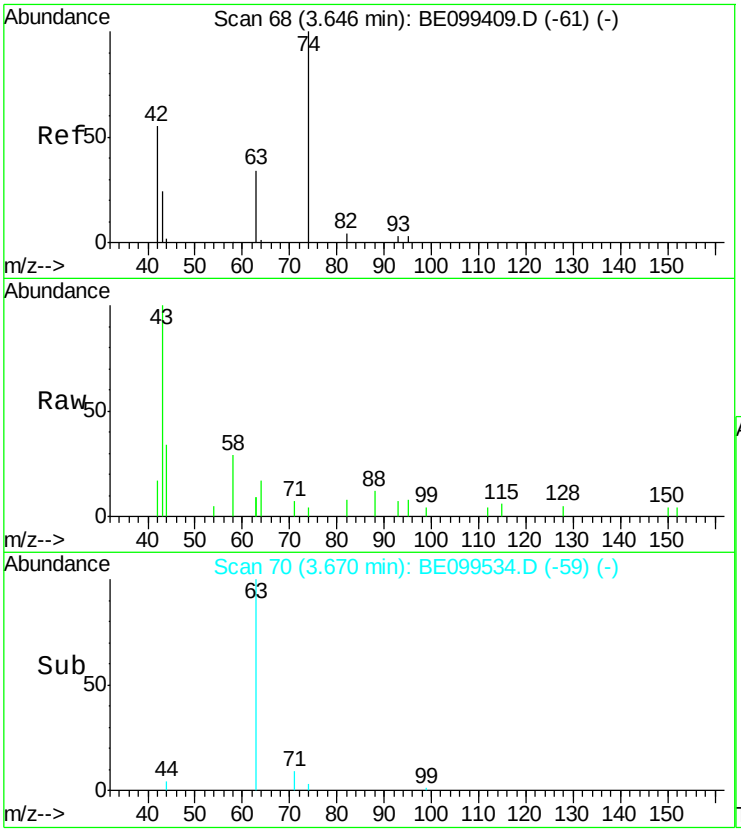


#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion: 88 Resp: 122

Ion	Ratio	Lower	Upper
88	100		
58	54.1	51.0	76.6
43	0.0	20.6	30.8#



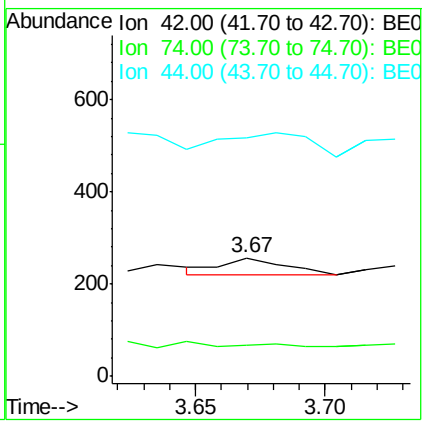


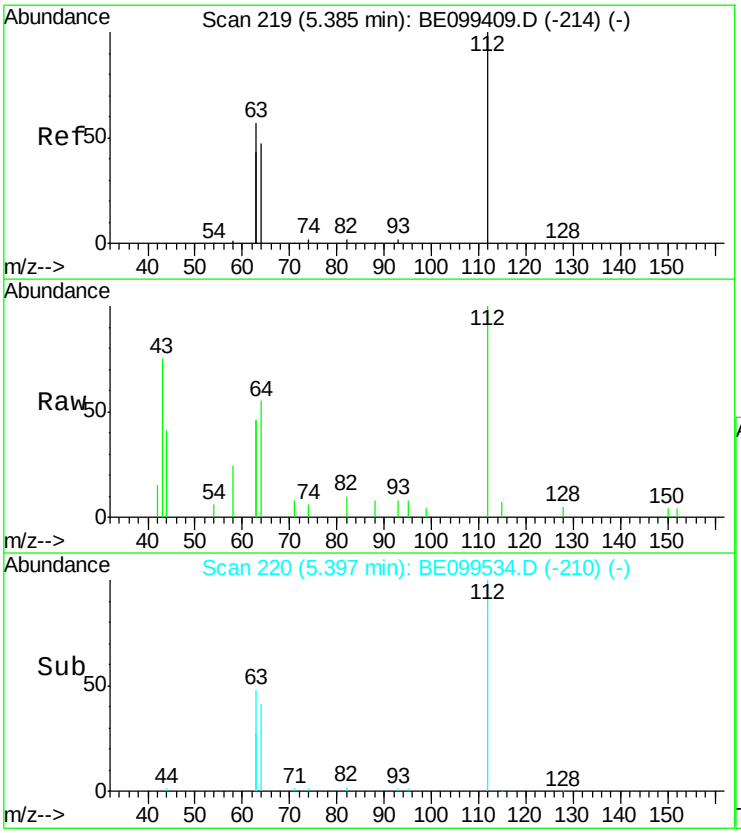
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.02 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion: 42 Resp: 64

Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.6	212.4#
44	192.2	0.0	0.0#

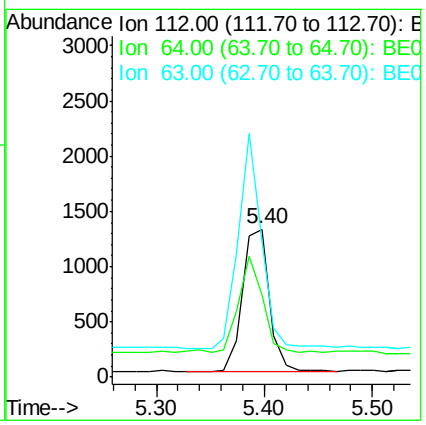


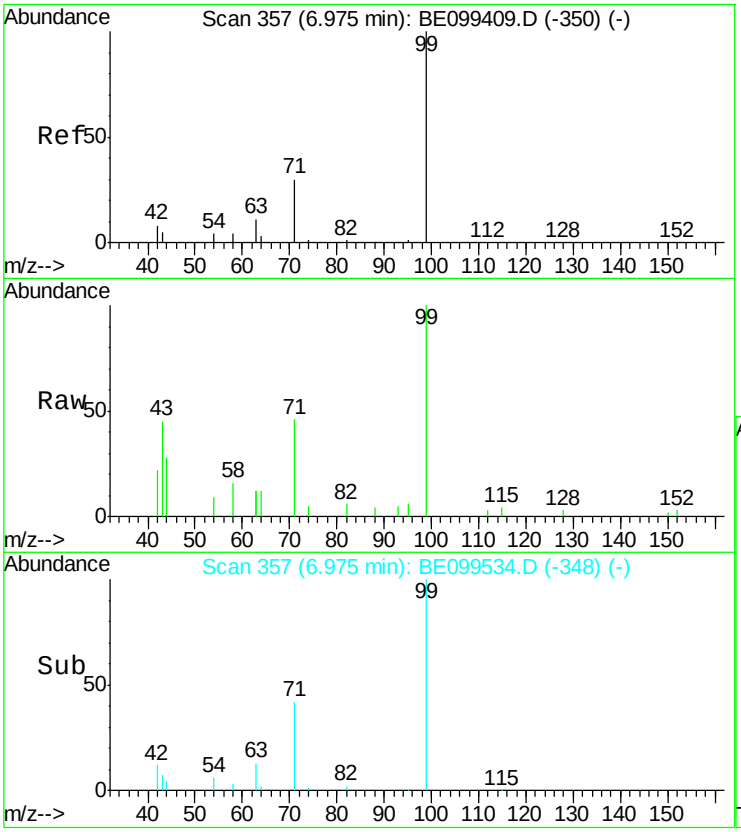


#4
2-Fluorophenol
Concen: 0.290 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:112 Resp: 2211

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.4	71.0
63	132.3	104.3	156.5



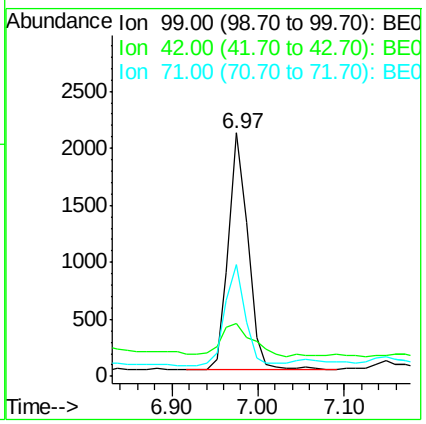


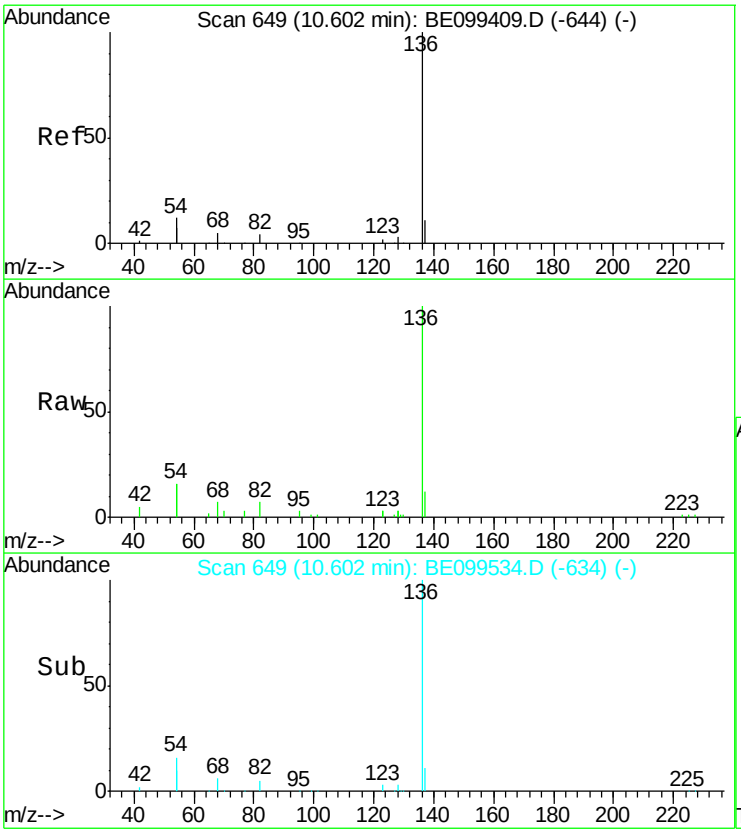
#5
Phenol-d6
Concen: 0.325 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion: 99 Resp: 3302

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.9	22.3
71	43.1	33.0	49.6

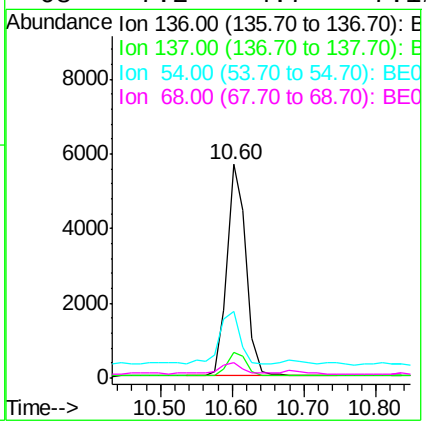


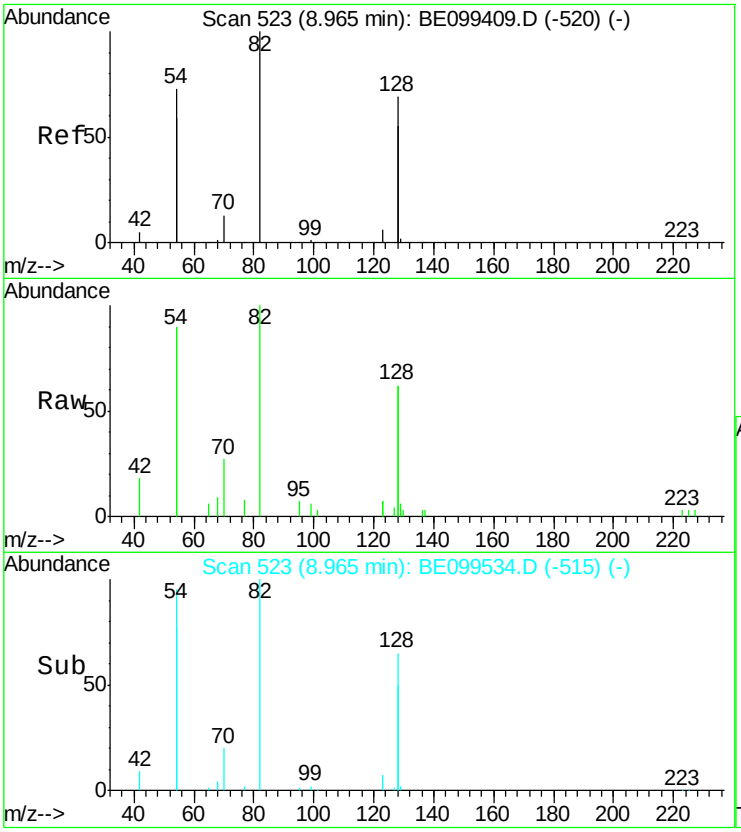


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:136 Resp: 10386

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	31.1	18.5	27.7#
68	7.2	4.7	7.1#



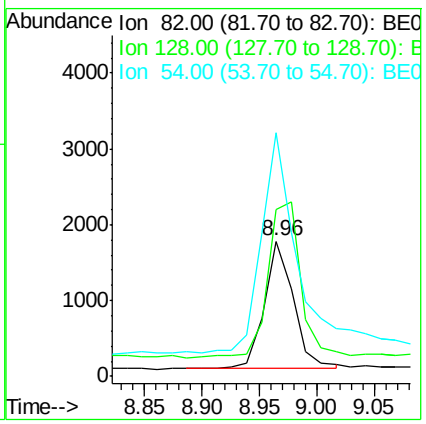


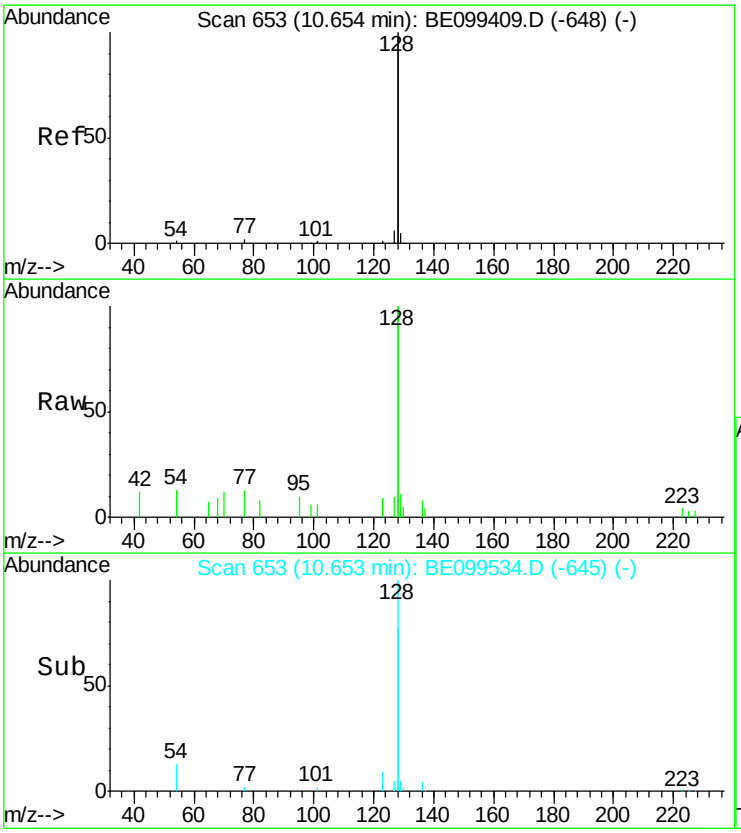
#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion: 82 Resp: 2958

Ion	Ratio	Lower	Upper
82	100		
128	123.2	107.0	160.4
54	180.0	113.1	169.7#

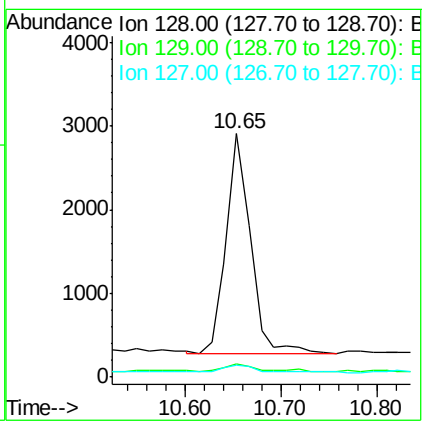


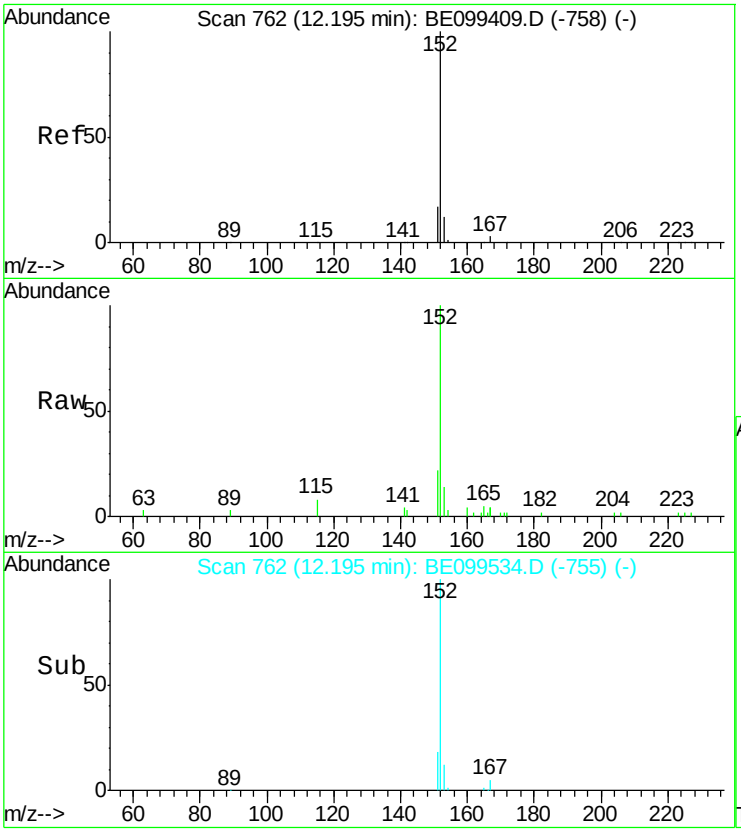


#9
Naphthalene
Concen: 0.041 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:128 Resp: 4607

Ion	Ratio	Lower	Upper
128	100		
129	5.3	2.4	3.6#
127	5.1	2.8	4.2#



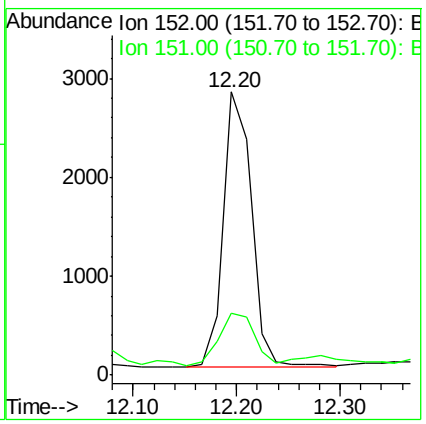


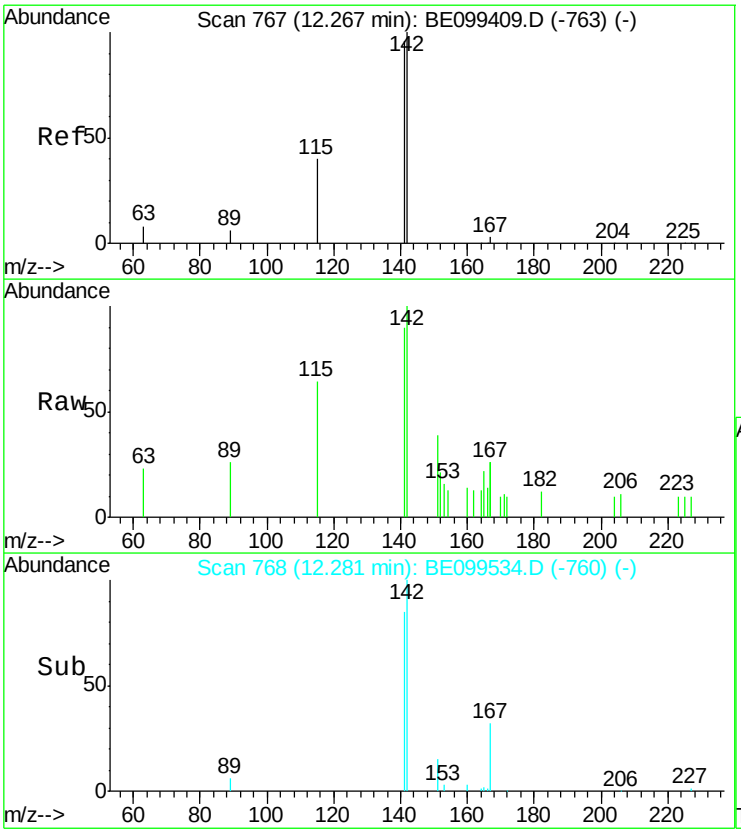
#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:152 Resp: 5303

Ion	Ratio	Lower	Upper
152	100		
151	25.0	15.5	23.3#

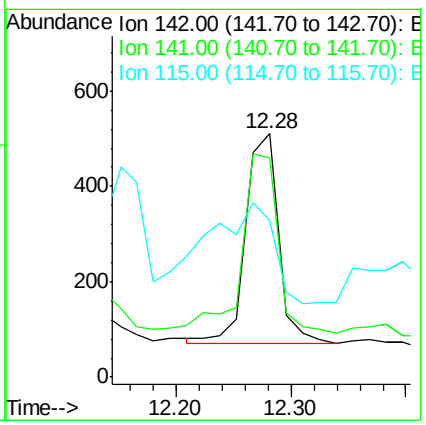


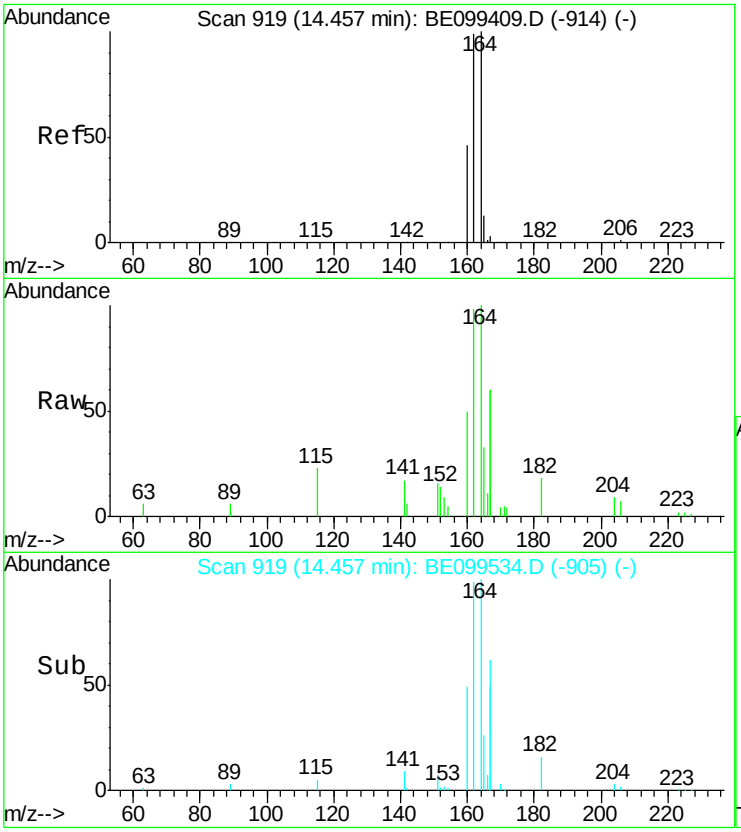


#12
2-Methylnaphthalene
Concen: 0.044 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:142 Resp: 867

Ion	Ratio	Lower	Upper
142	100		
141	90.2	77.0	115.4
115	64.4	33.4	50.0#



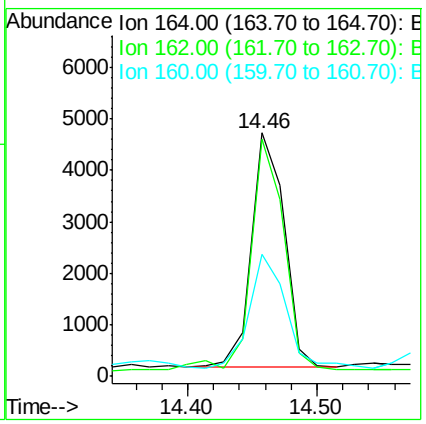


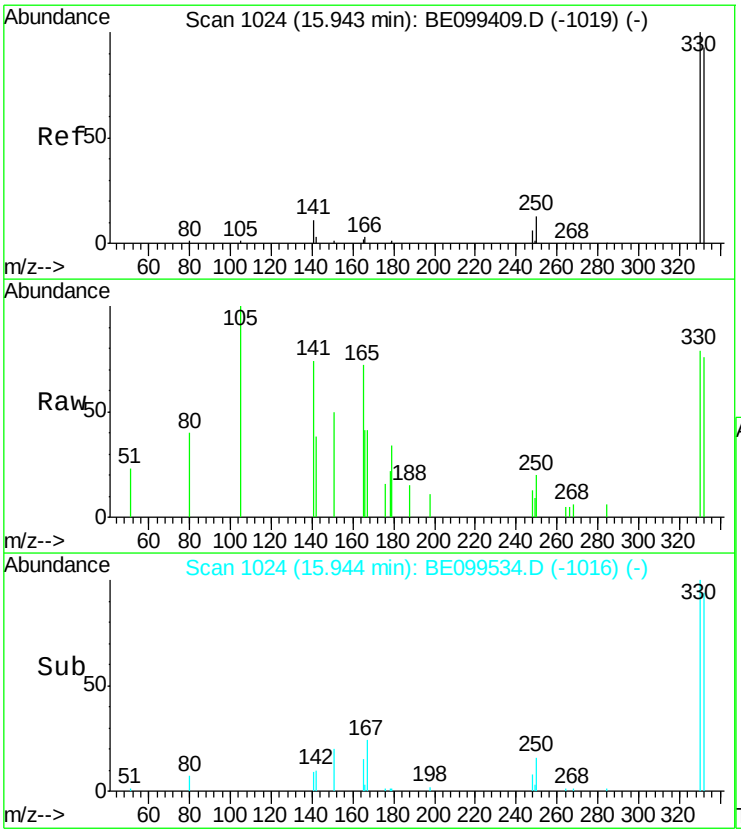
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:164 Resp: 7938

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.0	118.4
160	50.3	37.0	55.4

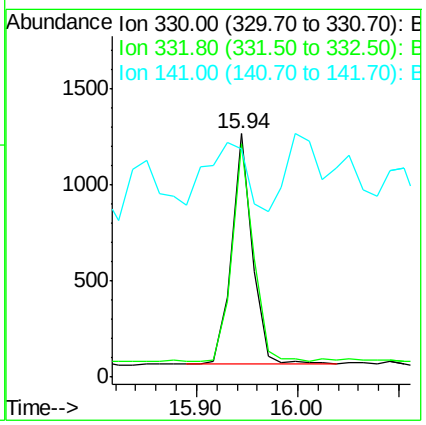


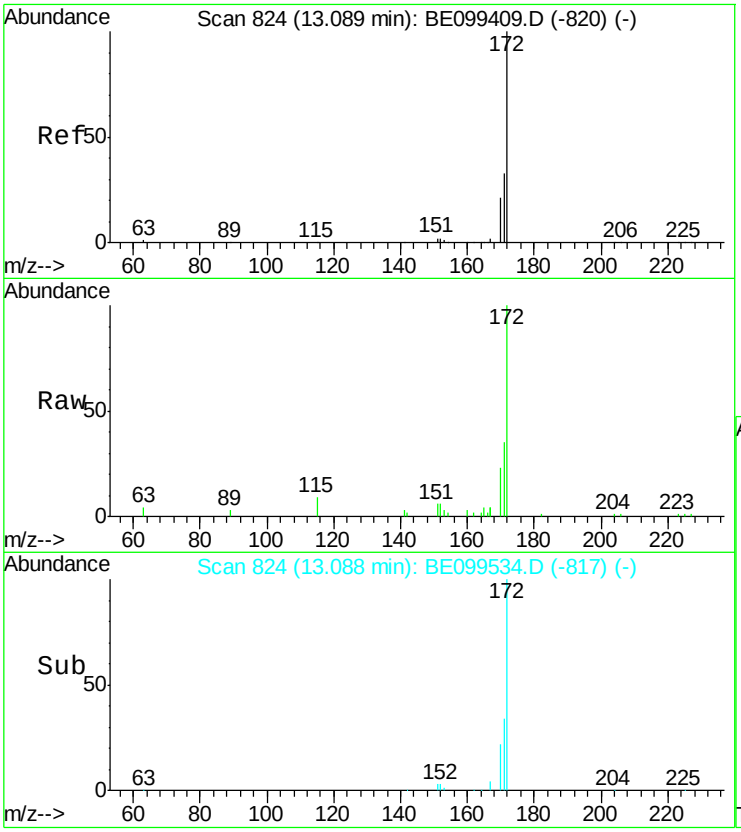


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:330 Resp: 1714

Ion	Ratio	Lower	Upper
330	100		
332	98.2	71.5	107.3
141	56.1	24.0	36.0#



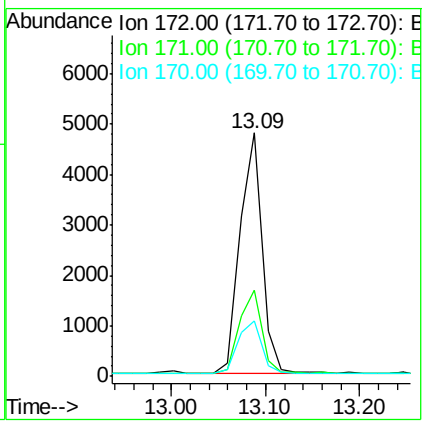


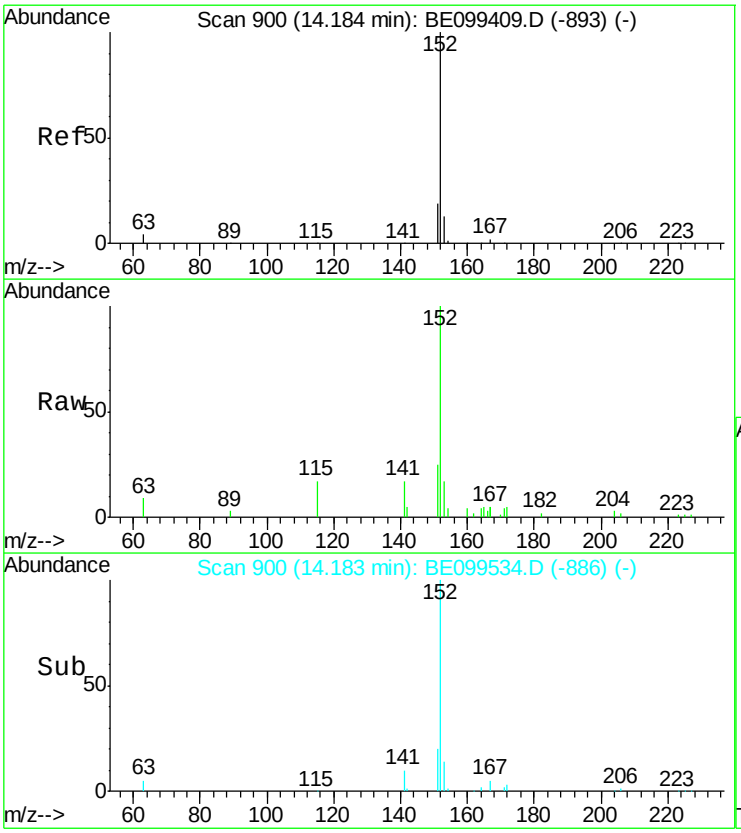
#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:172 Resp: 7816

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.6	39.8
170	22.6	17.0	25.6

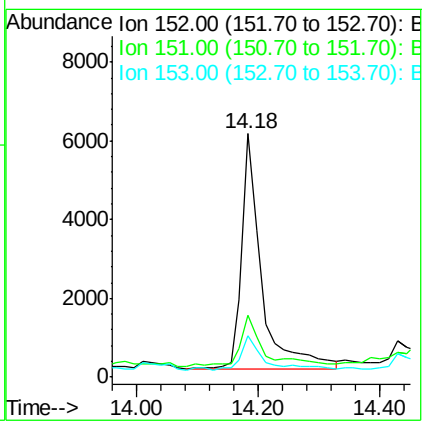


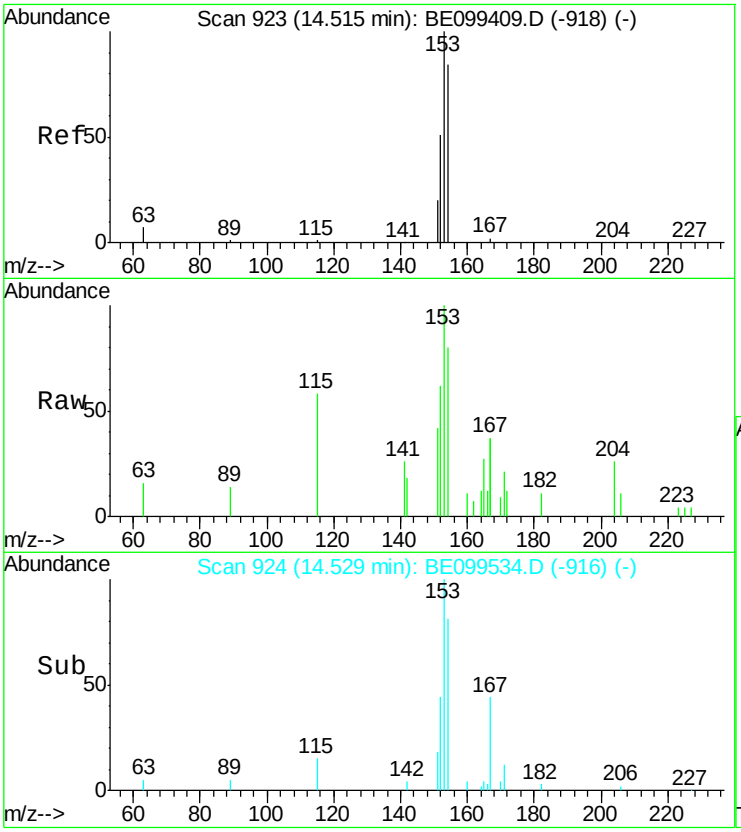


#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:152 Resp: 13554

Ion	Ratio	Lower	Upper
152	100		
151	26.5	15.4	23.2#
153	16.7	9.8	14.6#



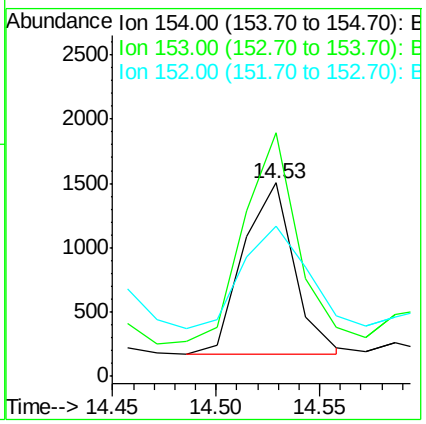


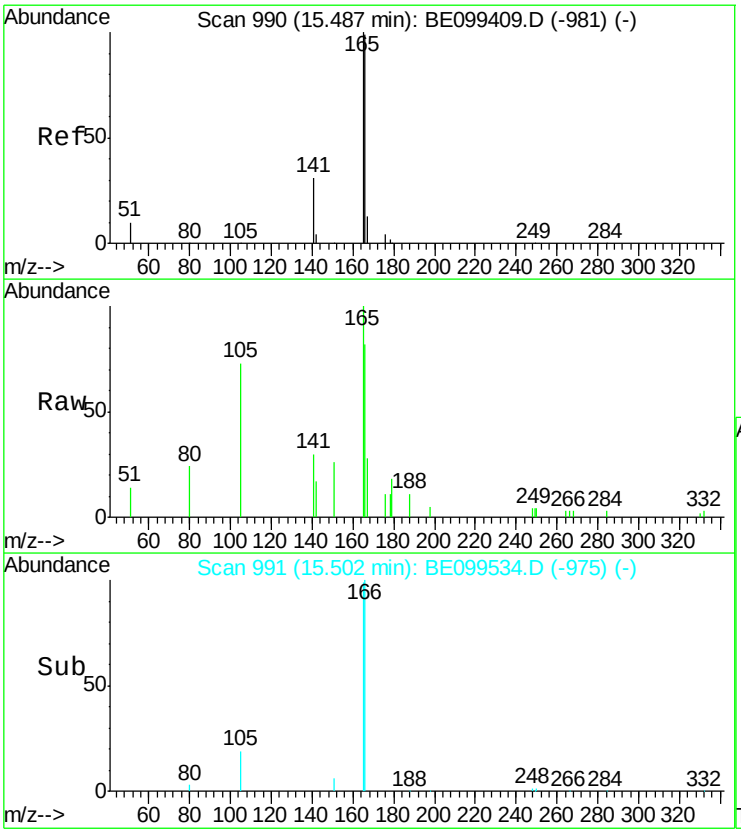
#17
Acenaphthene
Concen: 0.104 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:154 Resp: 2300

Ion	Ratio	Lower	Upper
154	100		
153	129.6	92.6	138.8
152	76.0	45.8	68.8#

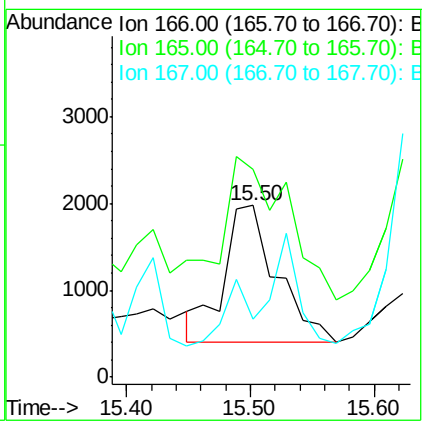


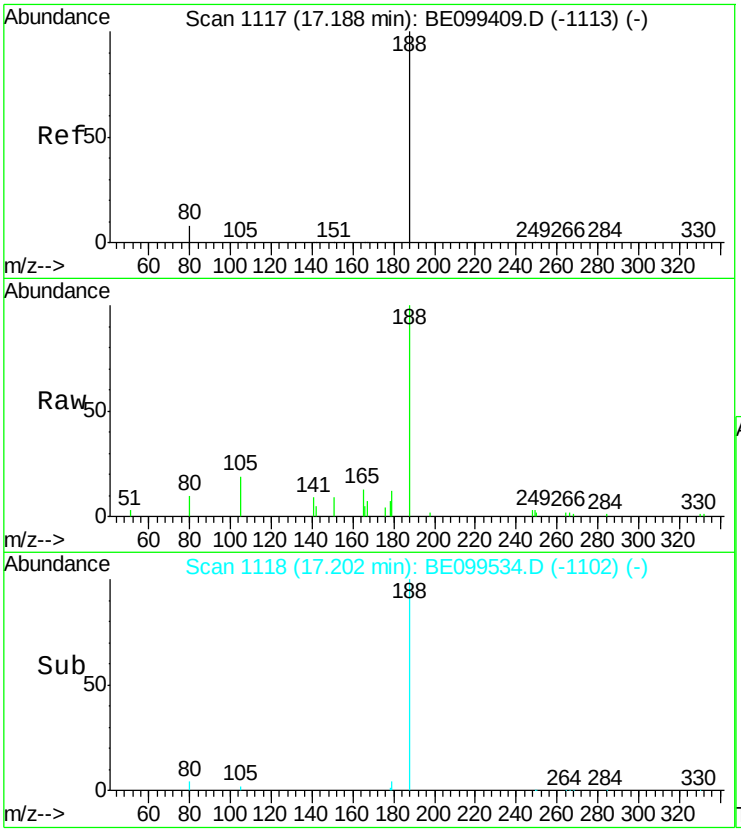


#18
Fluorene
Concen: 0.142 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:166 Resp: 4651

Ion	Ratio	Lower	Upper
166	100		
165	117.8	80.3	120.5
167	0.0	10.7	16.1#



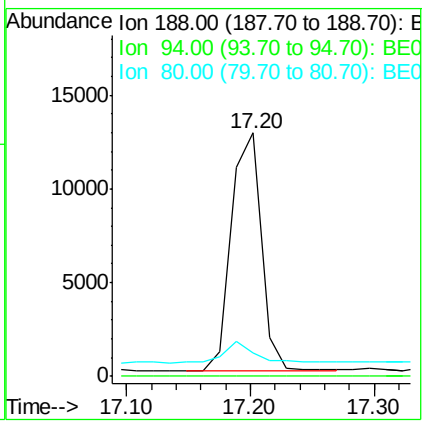


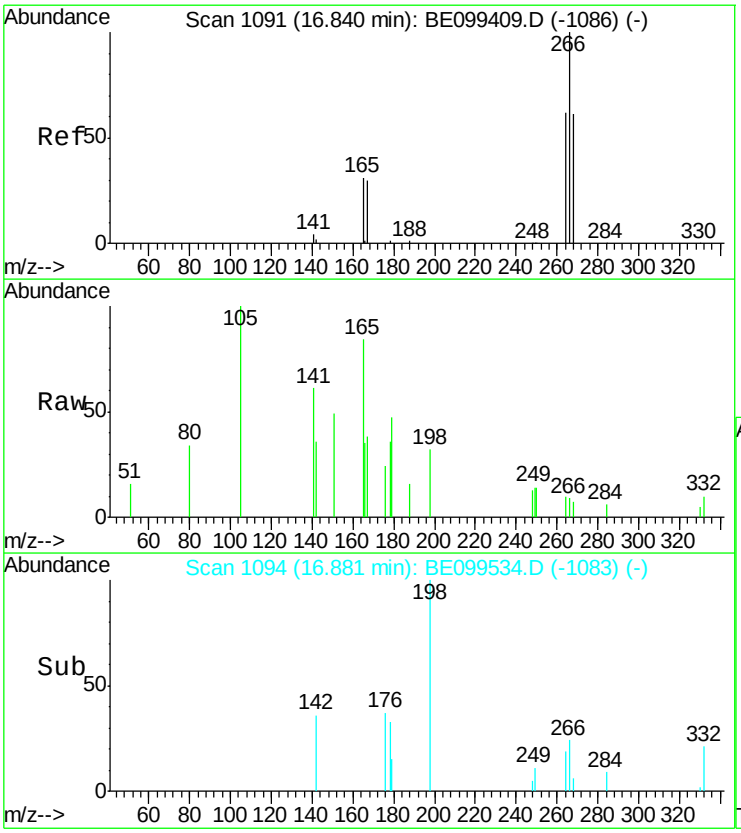
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:188 Resp: 21525

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	6.7	10.1

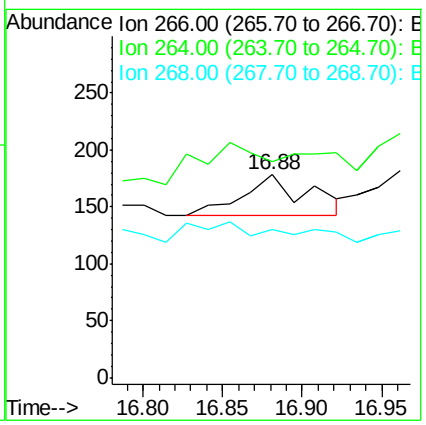


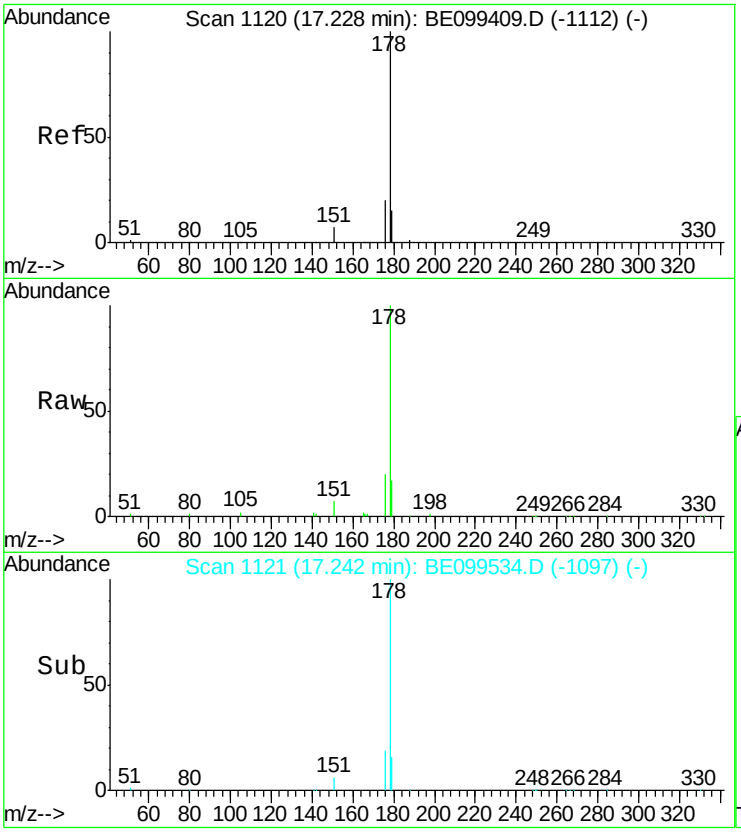


#22
Pentachlorophenol
Concen: 0.231 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.04 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:266 Resp: 105

Ion	Ratio	Lower	Upper
266	100		
264	106.7	50.8	76.2#
268	73.0	50.5	75.7



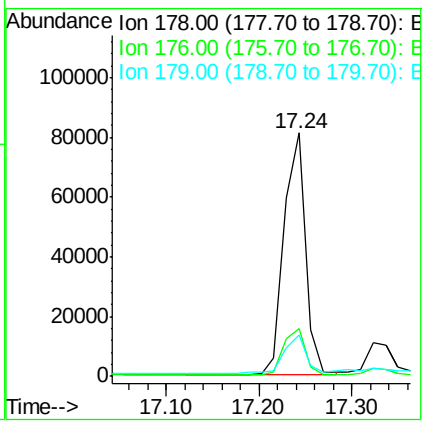


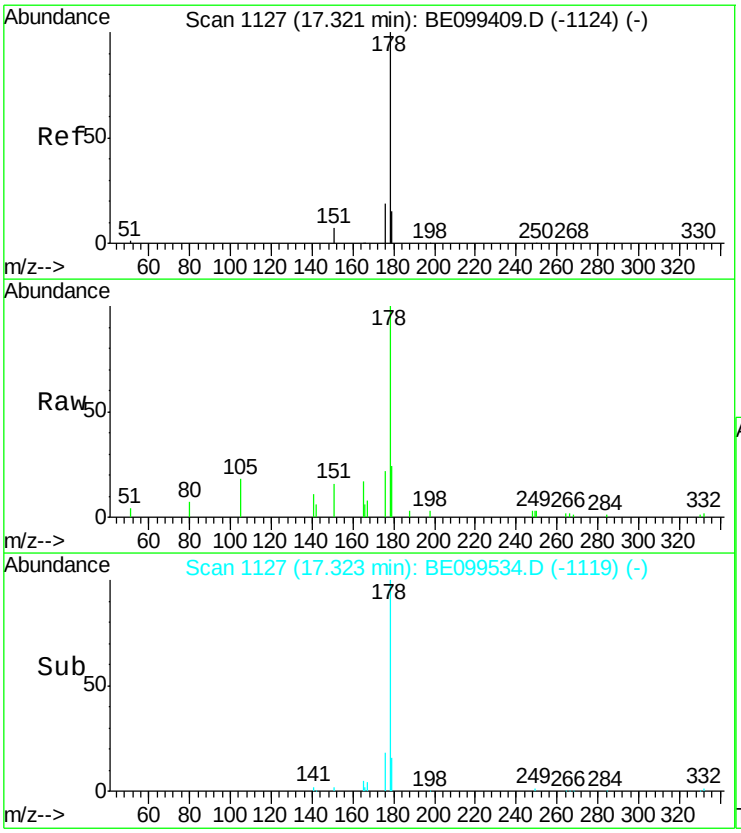
#23
Phenanthrene
Concen: 2.360 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:178 Resp: 131106

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	17.7	12.0	18.0

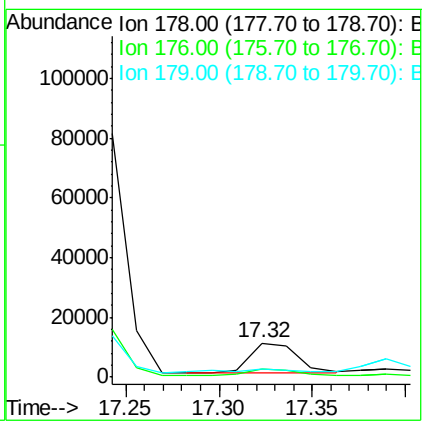


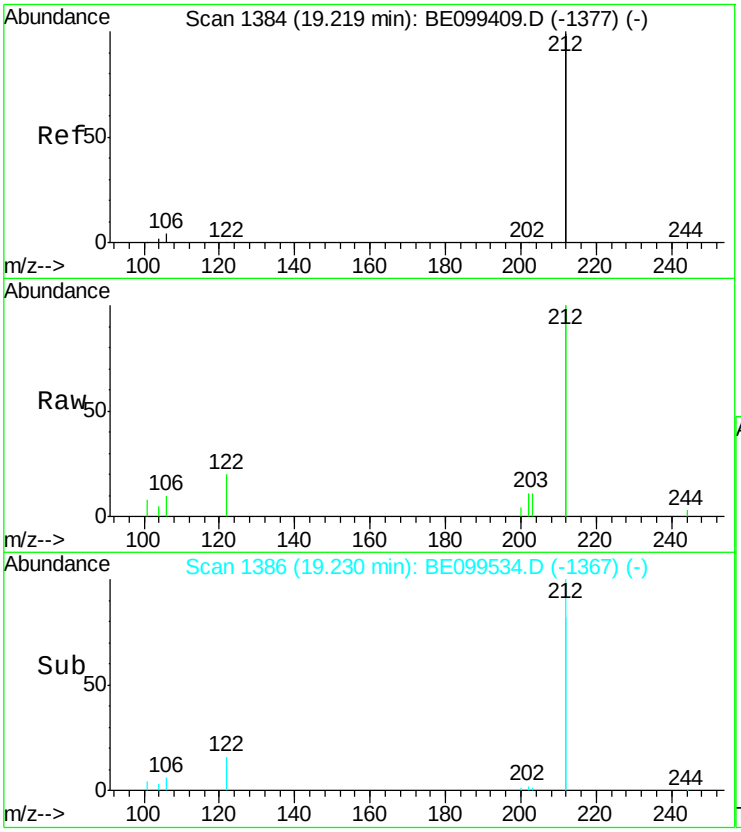


#24
Anthracene
Concen: 0.348 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:178 Resp: 18439

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	12.2	11.9	17.9



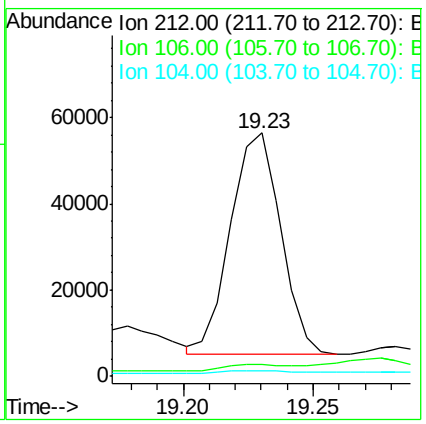


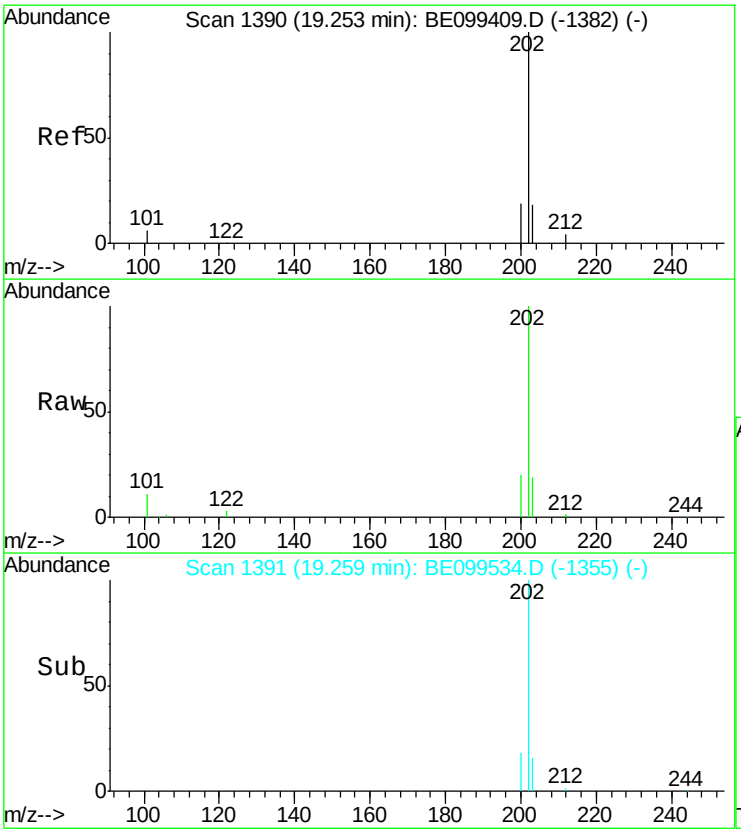
#25
Fluoranthene-d10
Concen: 0.239 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:212 Resp: 69332

Ion	Ratio	Lower	Upper
212	100		
106	4.1	1.5	2.3#
104	1.8	0.9	1.3#

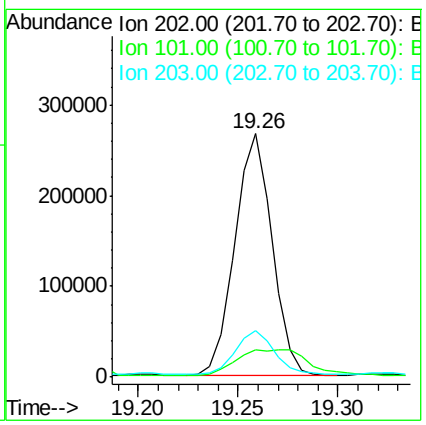


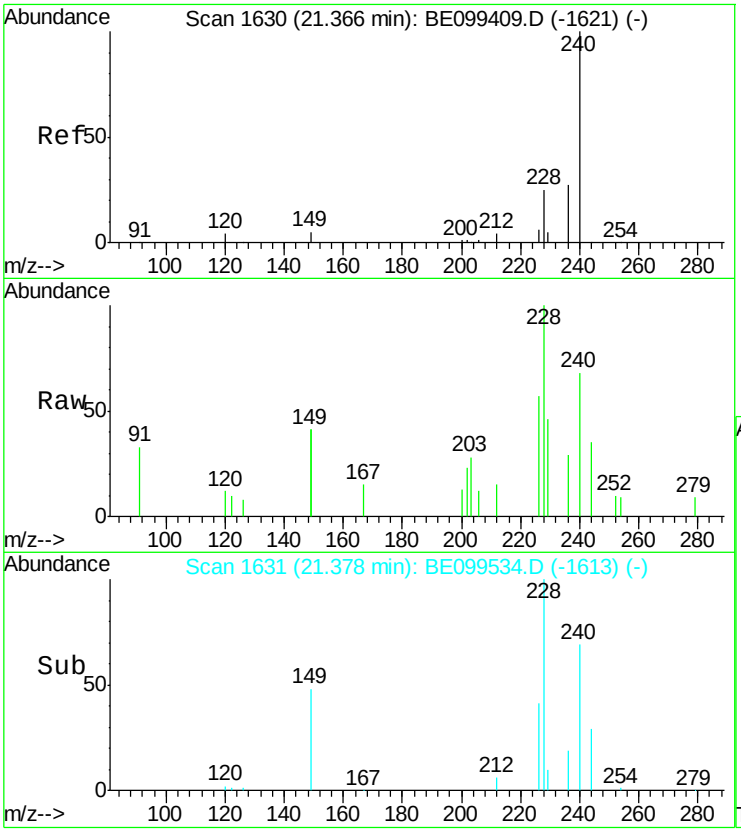


#26
Fluoranthene
Concen: 4.117 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:202 Resp: 342489

Ion	Ratio	Lower	Upper
202	100		
101	22.2	5.4	8.0#
203	18.5	13.9	20.9



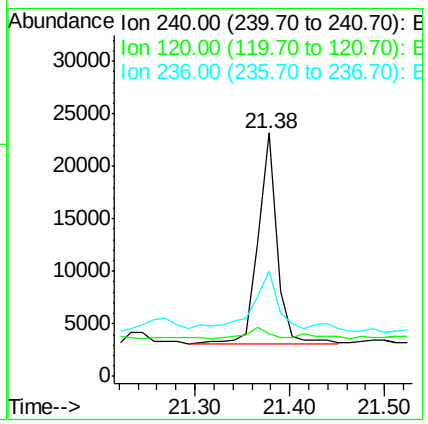


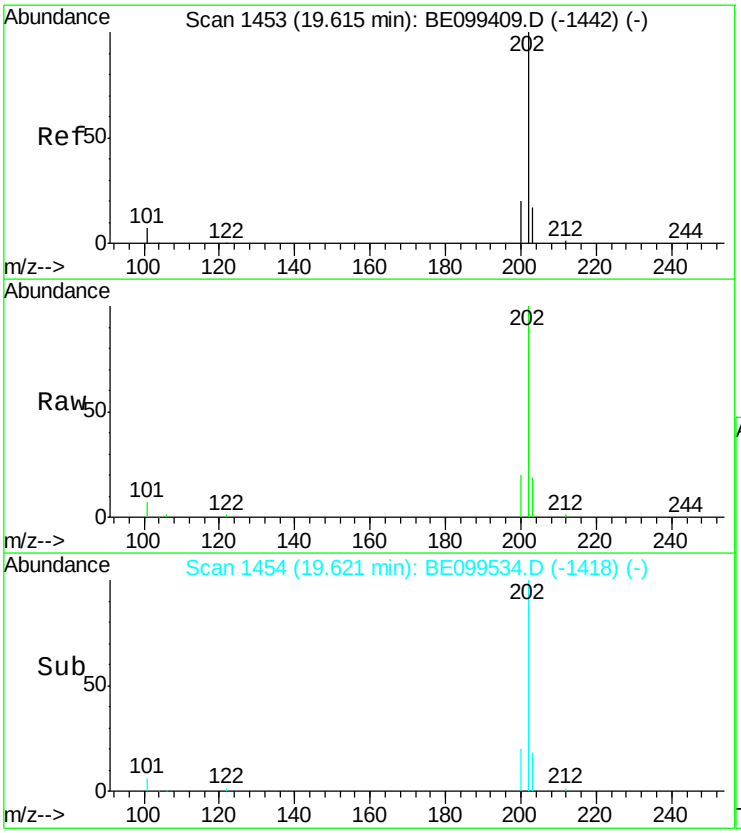
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:240 Resp: 28116

Ion	Ratio	Lower	Upper
240	100		
120	17.3	4.0	6.0#
236	43.1	22.0	33.0#

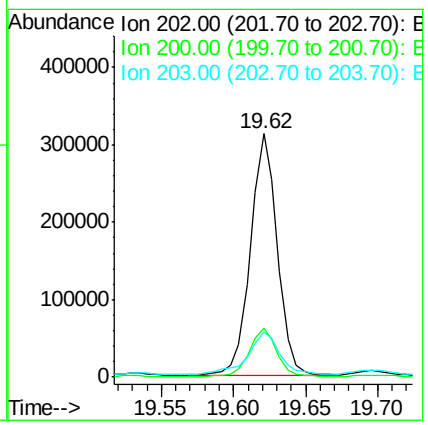


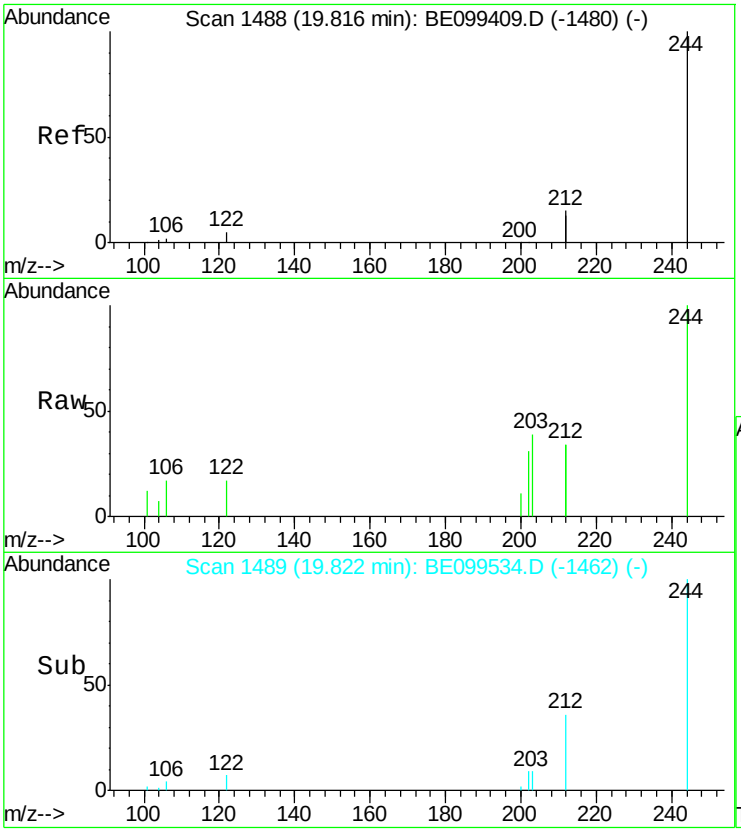


#28
Pyrene
Concen: 5.575 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:202 Resp: 408604

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	20.9	13.9	20.9#



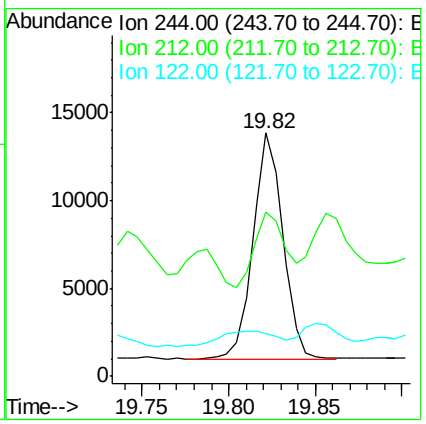


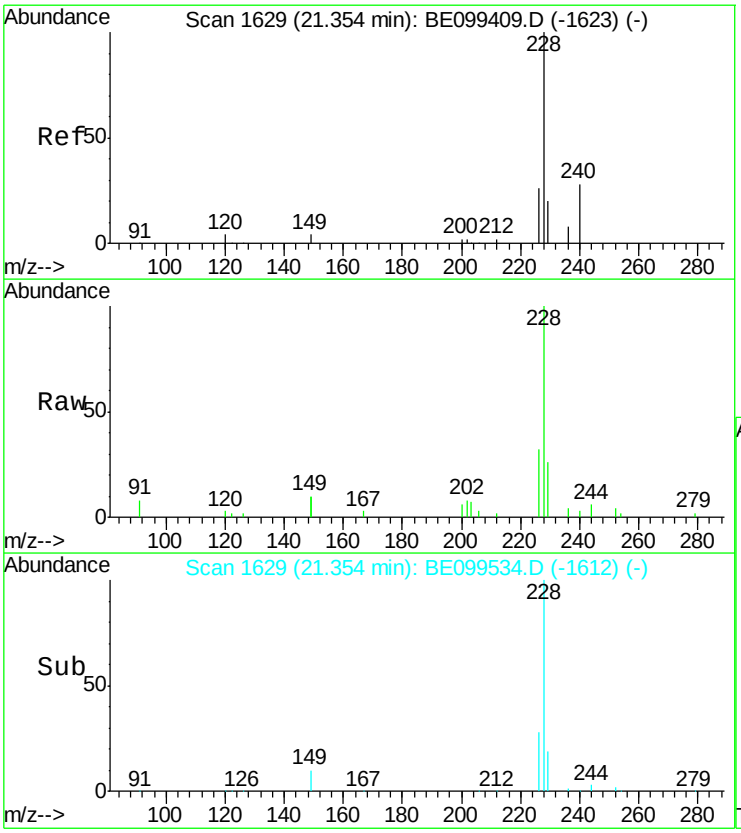
#29
Terphenyl-d14
Concen: 0.301 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:244 Resp: 15485

Ion	Ratio	Lower	Upper
244	100		
212	67.6	23.2	34.8#
122	17.4	4.2	6.4#

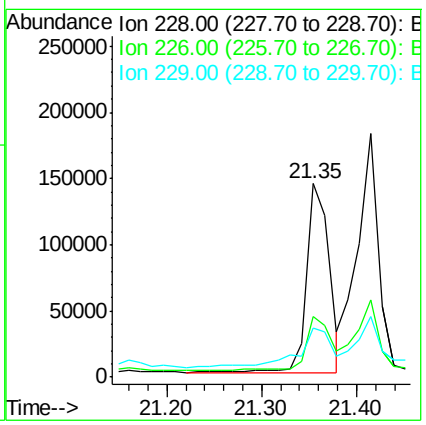


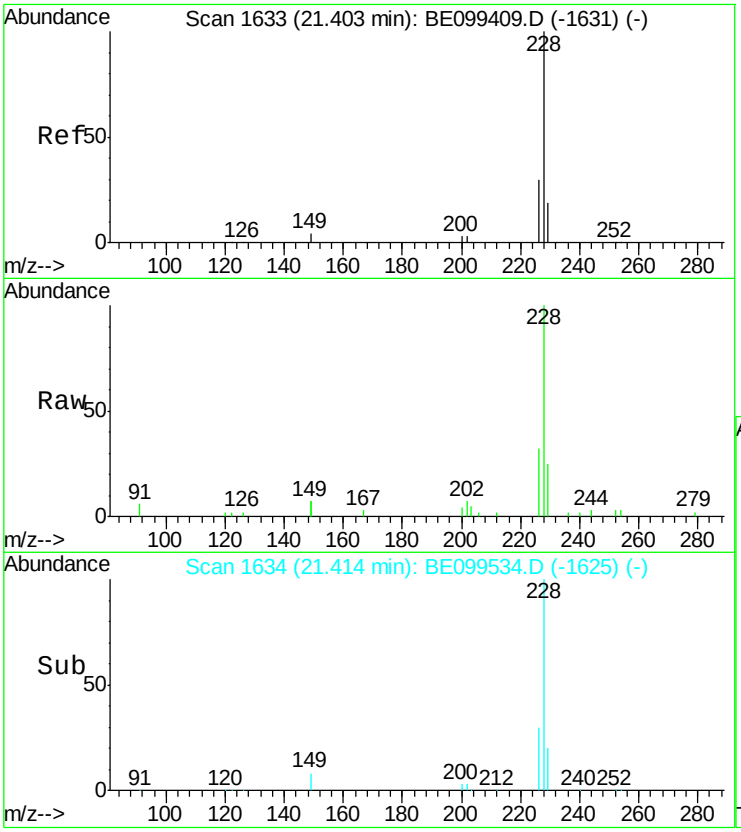


#30
Benzo(a)anthracene
Concen: 2.624 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:228 Resp: 235021

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.0	31.6#
229	25.5	16.6	25.0#



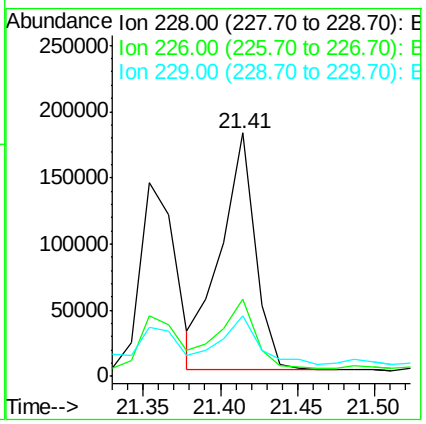


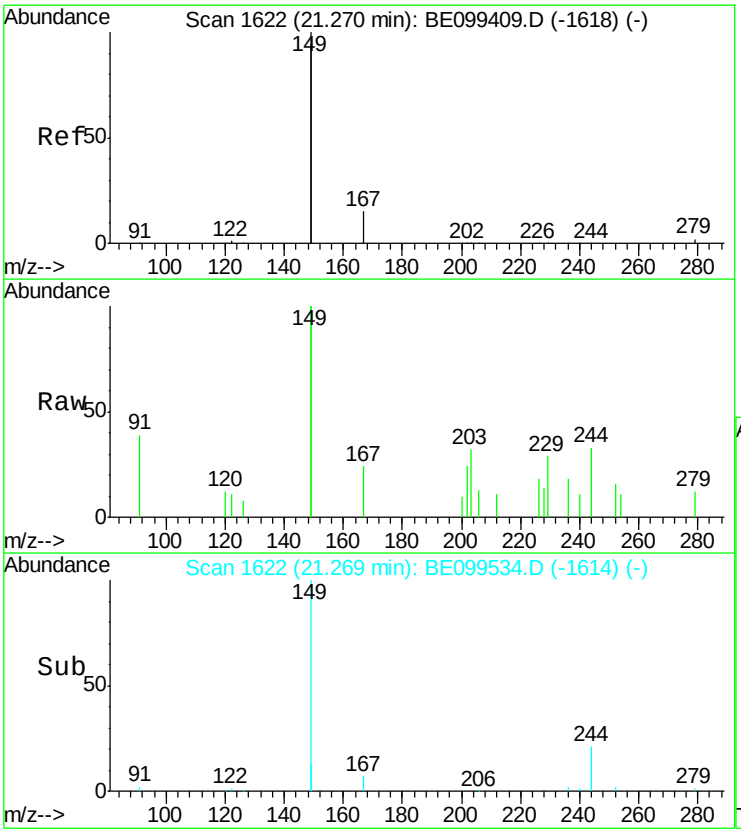
#31
Chrysene
Concen: 3.169 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:228 Resp: 277813

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	25.1	15.8	23.8#

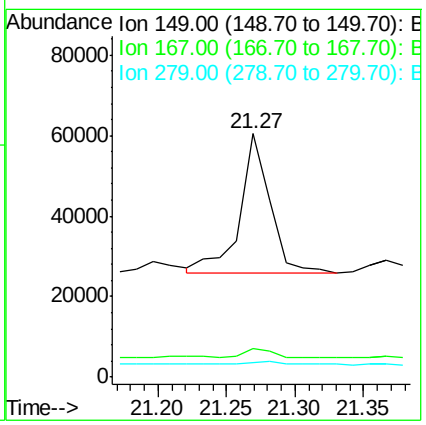


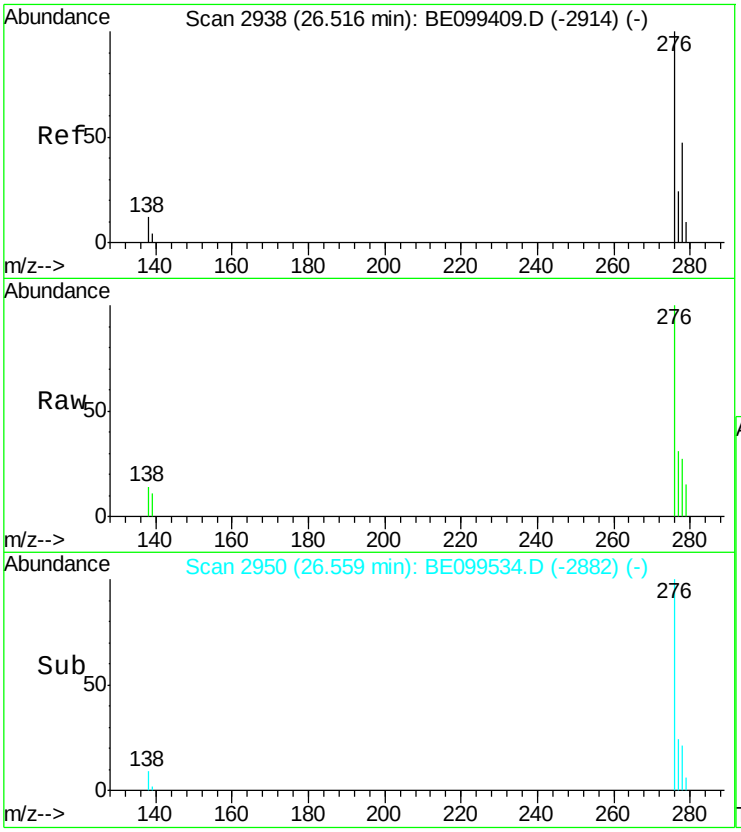


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:149 Resp: 53449

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.8	8.6
279	3.6	1.0	1.6#



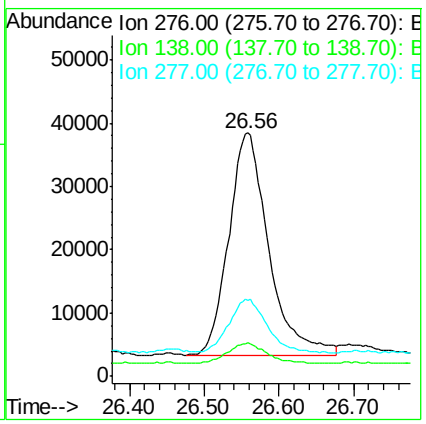


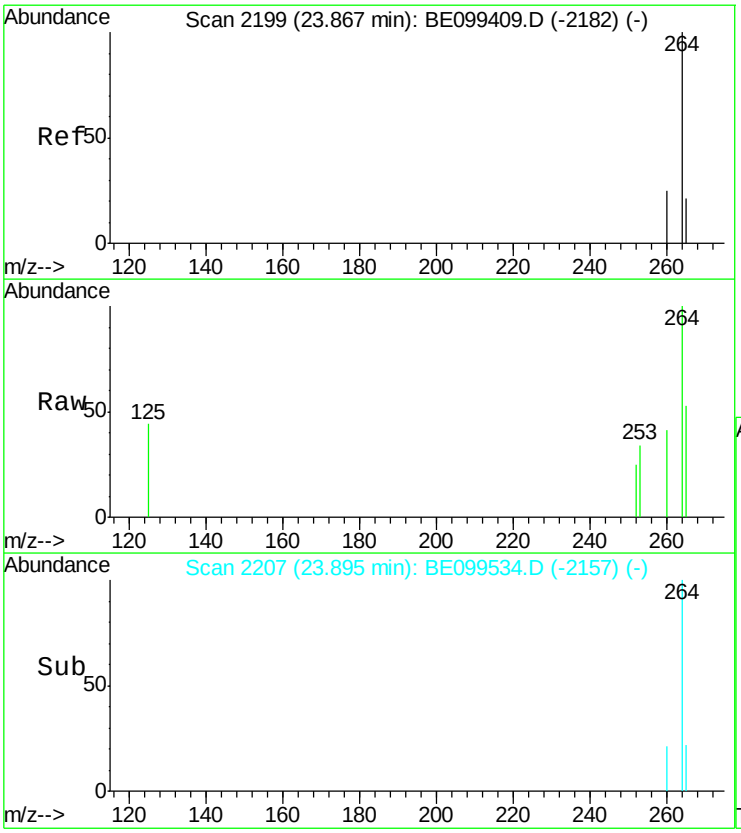
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.265 ng
RT: 26.56 min Scan# 2950
Delta R.T. 0.04 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:276 Resp: 131033

Ion	Ratio	Lower	Upper
276	100		
138	8.6	10.2	15.2#
277	23.2	19.2	28.8

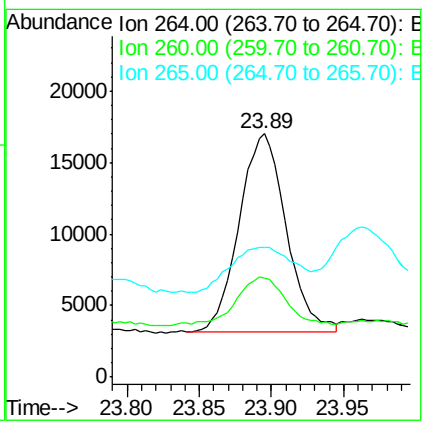


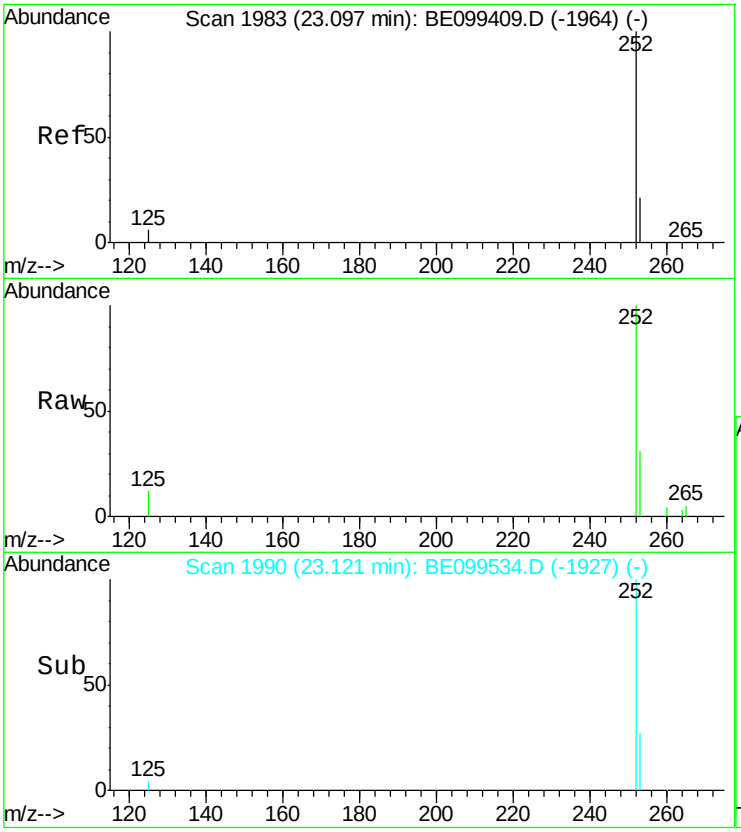


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. 0.03 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:264 Resp: 30901

Ion	Ratio	Lower	Upper
264	100		
260	40.6	20.2	30.2#
265	53.3	21.3	31.9#



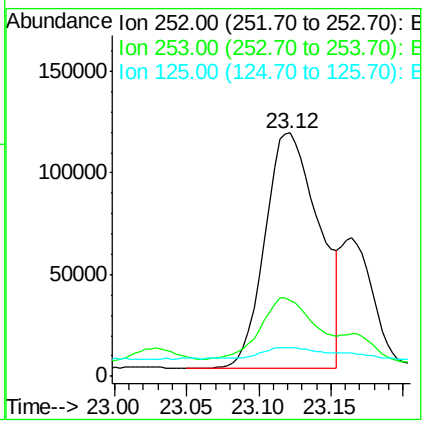


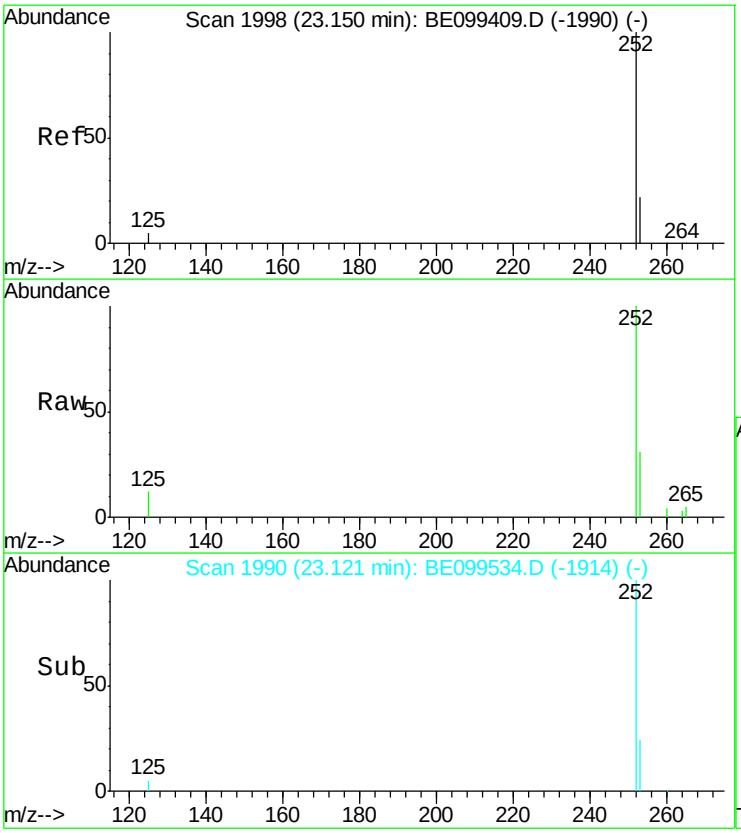
#35
Benzo(b)fluoranthene
Concen: 3.393 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.02 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:252 Resp: 302362

Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.1	27.1#
125	11.7	5.6	8.4#

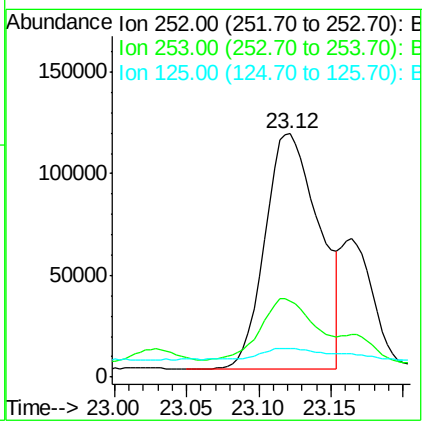


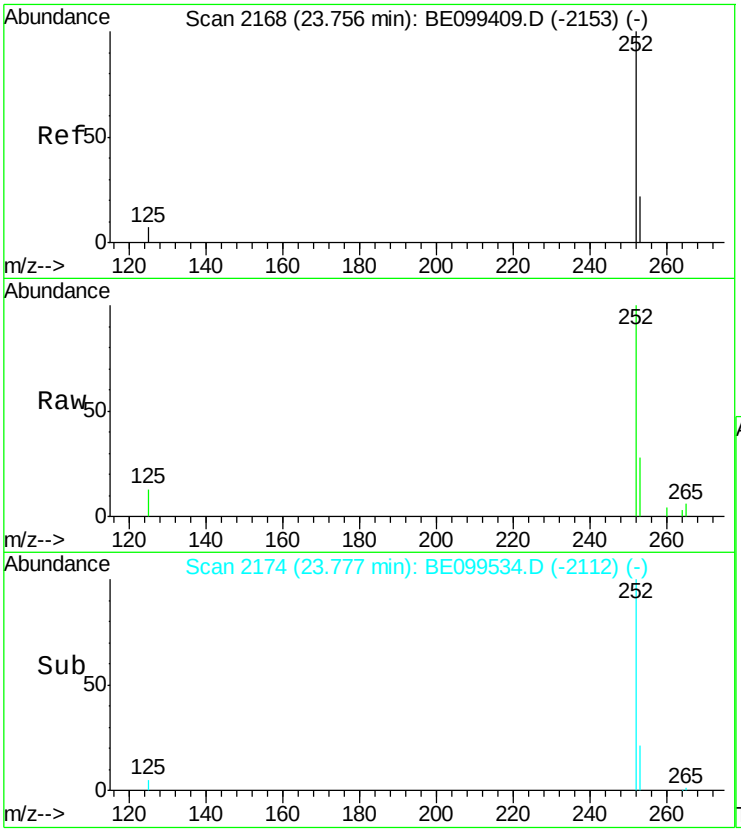


#36
Benzo(k)fluoranthene
Concen: 3.519 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:252 Resp: 302362

Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.4	27.6#
125	11.7	5.0	7.4#



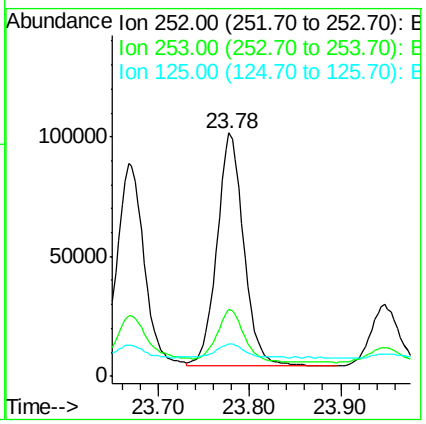


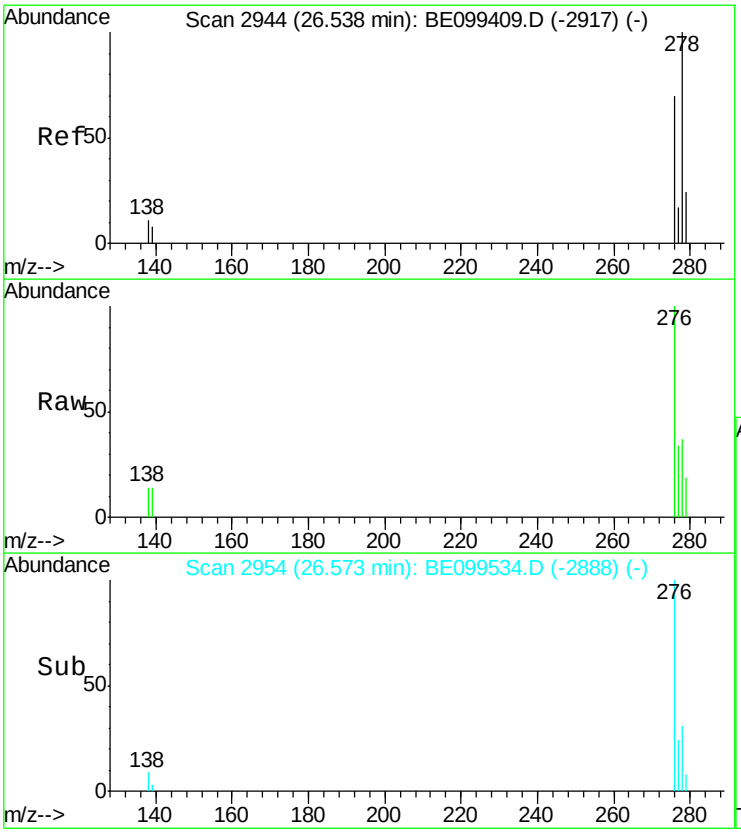
#37
Benzo(a)pyrene
Concen: 2.380 ng
RT: 23.78 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:252 Resp: 200516

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.9	28.3
125	13.3	6.7	10.1#

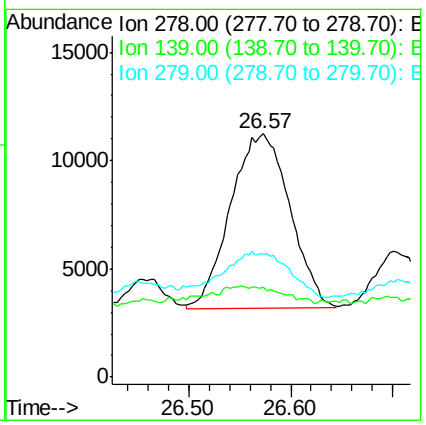


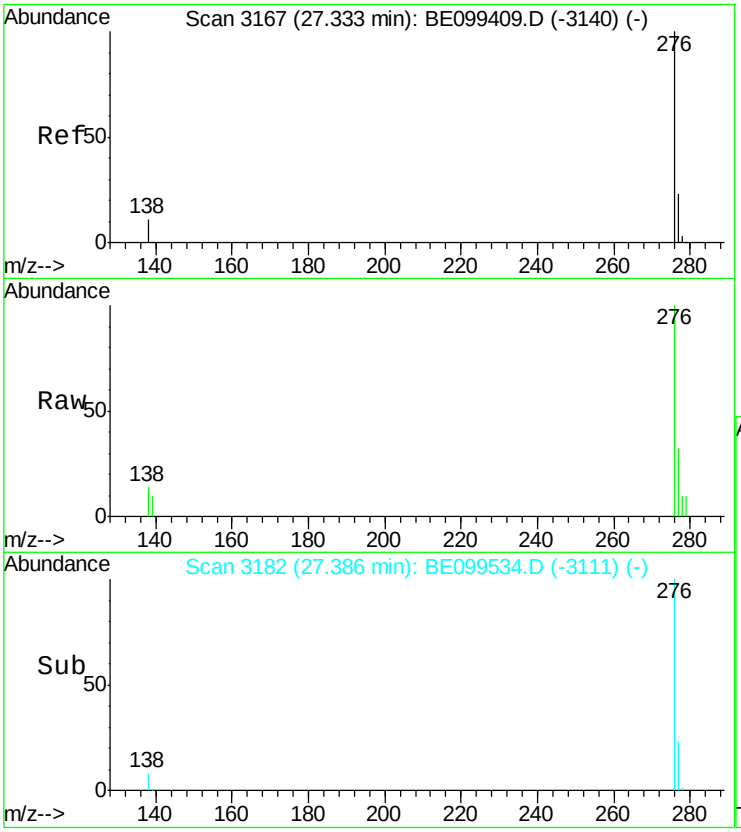


#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.04 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Tgt Ion:278 Resp: 32611

Ion	Ratio	Lower	Upper
278	100		
139	36.9	7.7	11.5#
279	50.5	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 1.585 ng
RT: 27.39 min Scan# 3182
Delta R.T. 0.05 min
Lab File: BE099534.D
Acq: 3 May 2019 17:43

Instrument :
BNA_E
ClientSampleId :
PST-003-B178-042319

Tgt Ion:276 Resp: 136829

Ion	Ratio	Lower	Upper
276	100		
277	31.7	19.5	29.3#
138	13.6	9.6	14.4