Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099484.D
Acq On : 2 May 2019 4:00
Operator : JU/SJ
Sample : K2569-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-023-SW027-042319

Quant Time: May 02 07:45:08 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	2351	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	8744	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6597	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	20591	0.40	ng		0.00
27) Chrysene-d12	21.37	240	25557	0.40	ng		0.00
34) Perylene-d12	23.86	264	29612	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2212	0.34	ng		0.00
5) Phenol-d6	6.97	99	3192	0.37	ng		0.00
8) Nitrobenzene-d5	8.97	82	2579	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	4839	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1504	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	7512	0.30	ng		-0.01
25) Fluoranthene-d10	19.22	212	83666	0.30	ng		0.00
29) Terphenyl-d14	19.81	244	18033	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	115	0.036	ng	#	77
3) n-Nitrosodimethylamine	3.66	42	40	0.021	ng	#	15
9) Naphthalene	10.65	128	3566	0.037	ng	#	94
12) 2-Methylnaphthalene	12.27	142	845	0.051	ng		93
16) Acenaphthylene	14.18	152	1510	0.047	ng		97
18) Fluorene	15.49	166	1027	0.038	ng	#	80
22) Pentachlorophenol	16.84	266	27	0.220	ng	#	52
23) Phenanthrene	17.23	178	13484	0.254	ng		99
24) Anthracene	17.32	178	2054	0.041	ng	#	94
26) Fluoranthene	19.25	202	31029	0.390	ng		100
28) Pyrene	19.61	202	30248	0.454	ng	#	96
30) Benzo(a)anthracene	21.34	228	18649	0.229	ng		96
31) Chrysene	21.40	228	22754	0.286	ng		97
32) Bis(2-ethylhexyl)phthalate	21.26	149	15537	0.063	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	16850	0.179	ng	#	93
35) Benzo(b)fluoranthene	23.09	252	29255	0.343	ng	#	91
36) Benzo(k)fluoranthene	23.09	252	29255	0.355	ng	#	92
37) Benzo(a)pyrene	23.75	252	19977	0.247	ng	#	89
38) Dibenzo(a,h)anthracene	26.53	278	4952	0.060	ng	#	71
39) Benzo(g,h,i)perylene	27.33	276	16353	0.198	ng		98

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

Quantitation Report (Not Reviewed)

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Misc :
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BNA_E
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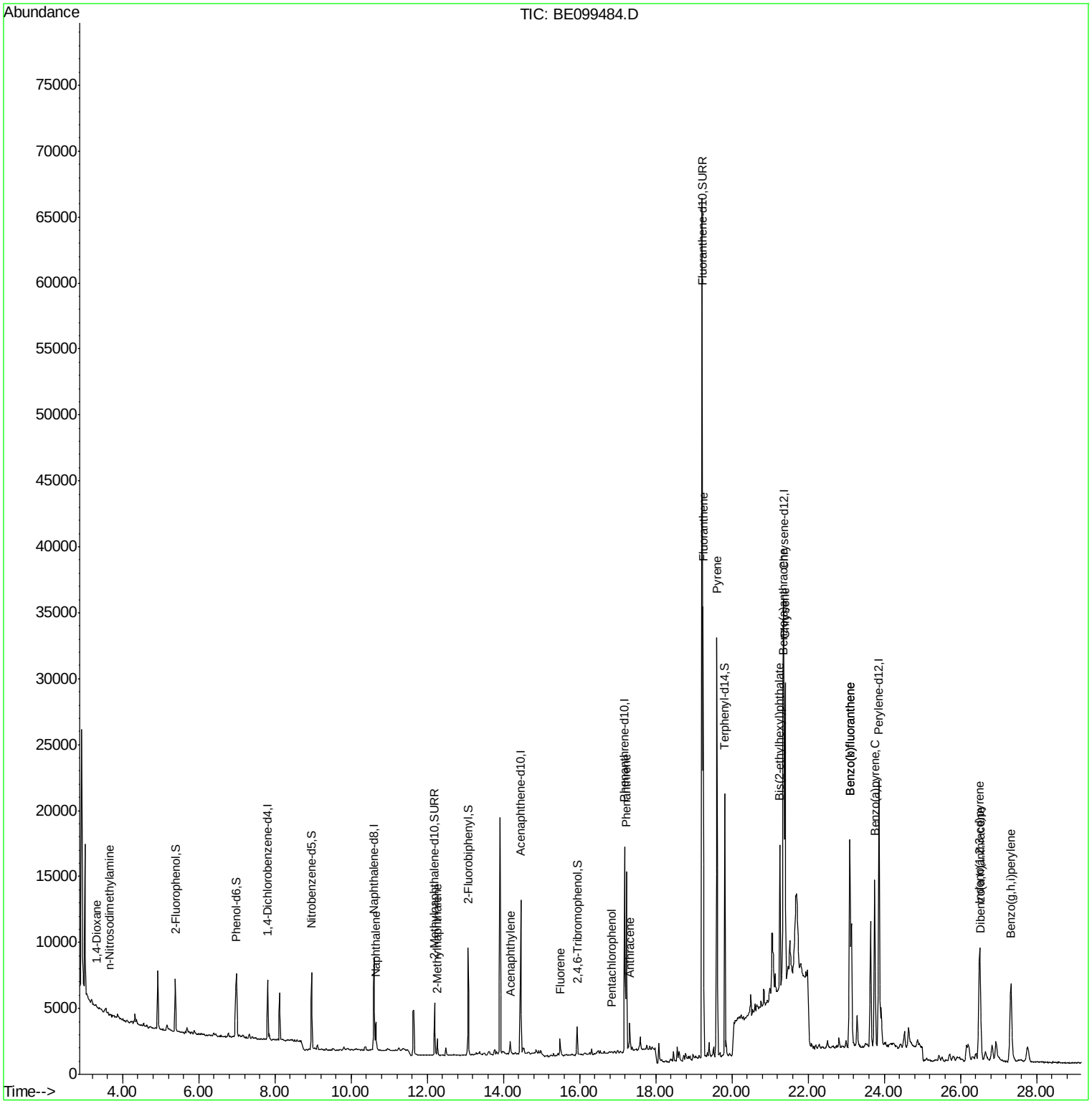
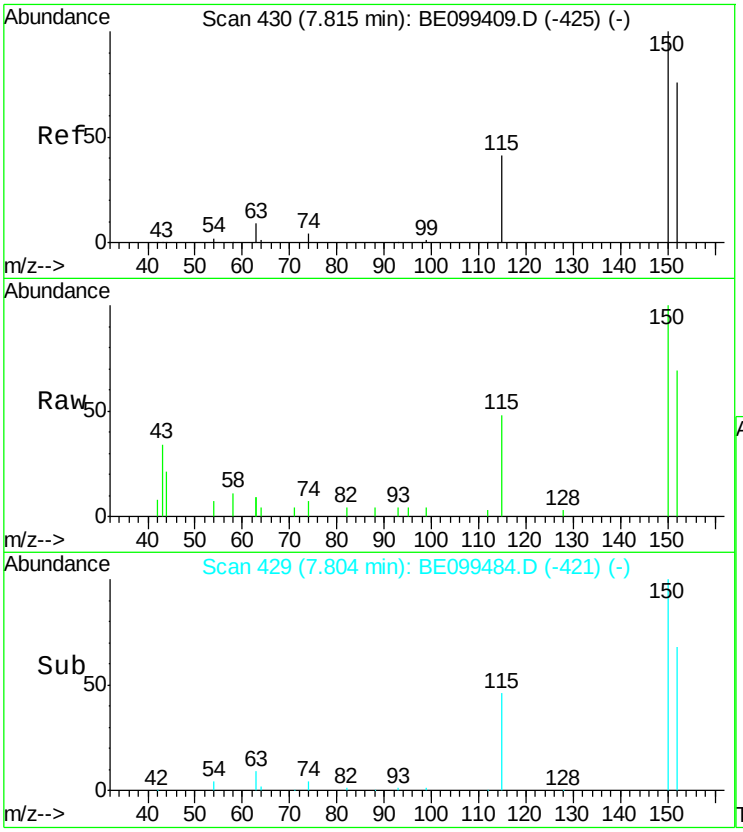
PST-023-SW027-042319

Quant Time: May 02 07:45:08 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



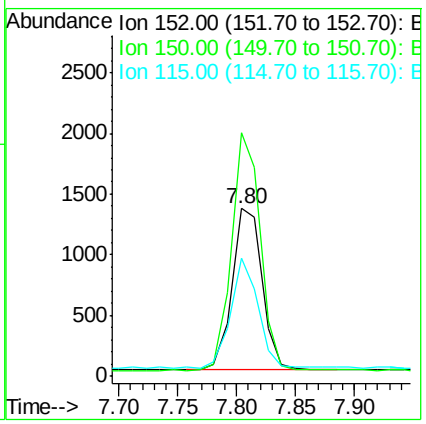


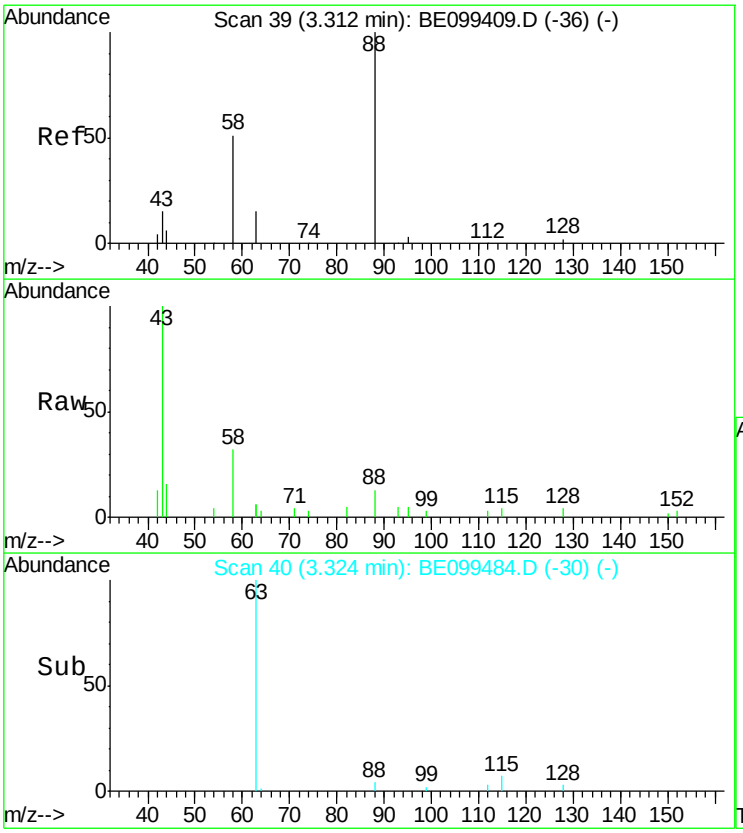
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:152 Resp: 2351

Ion	Ratio	Lower	Upper
152	100		
150	144.9	104.8	157.2
115	70.1	46.6	69.8#

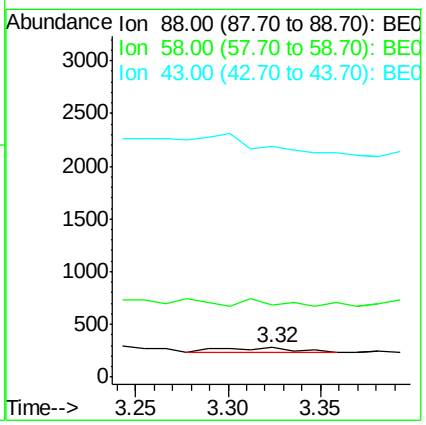


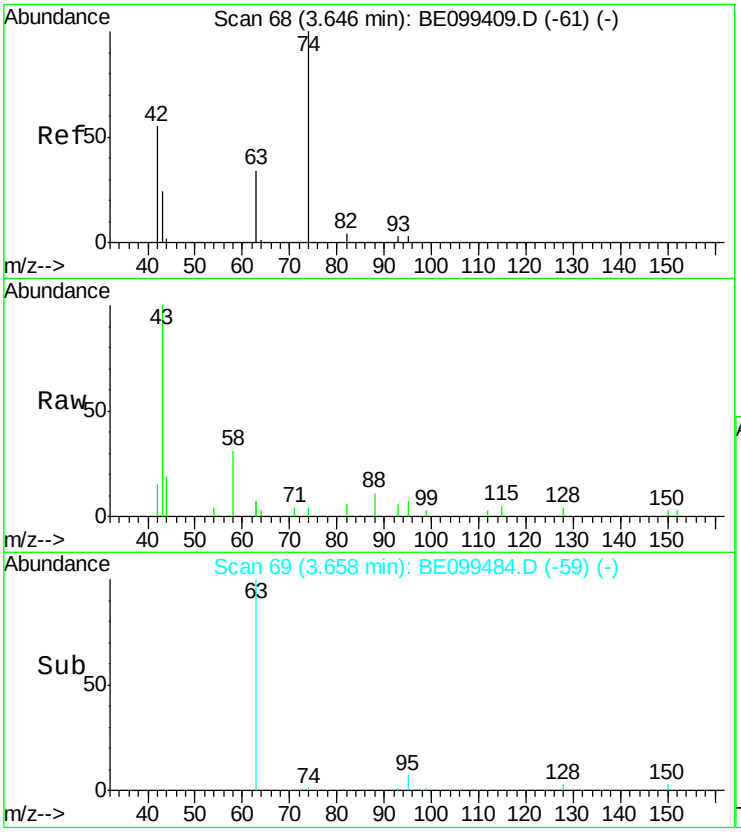


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
58	73.0	51.0	76.6
43	0.0	20.6	30.8#



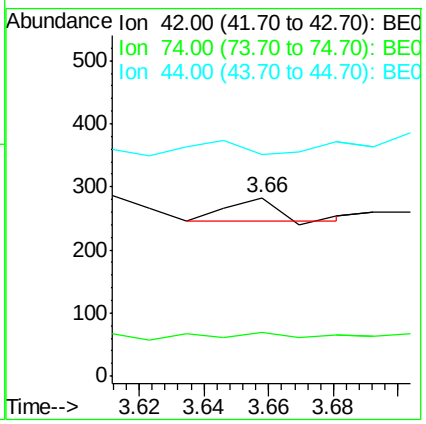


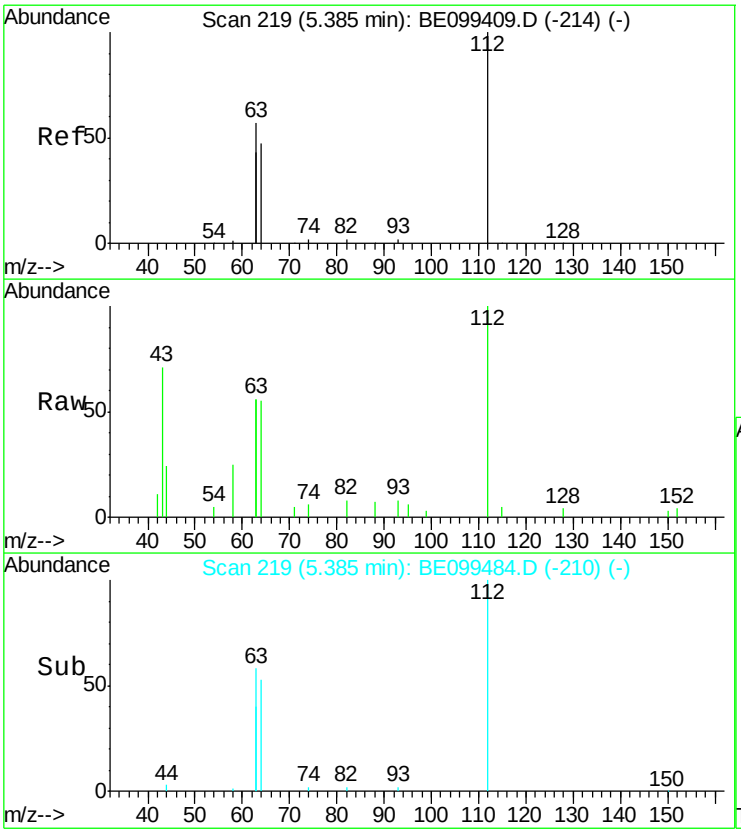
#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion: 42 Resp: 40

Ion	Ratio	Lower	Upper
42	100		
74	57.5	141.6	212.4#
44	65.0	0.0	0.0#

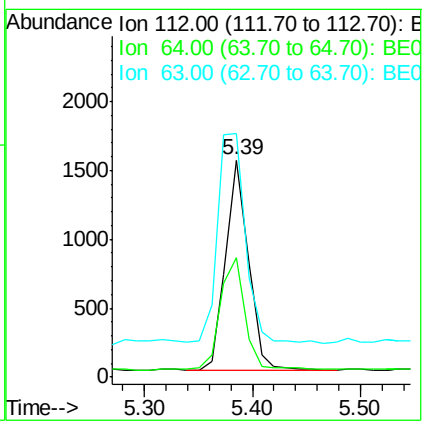


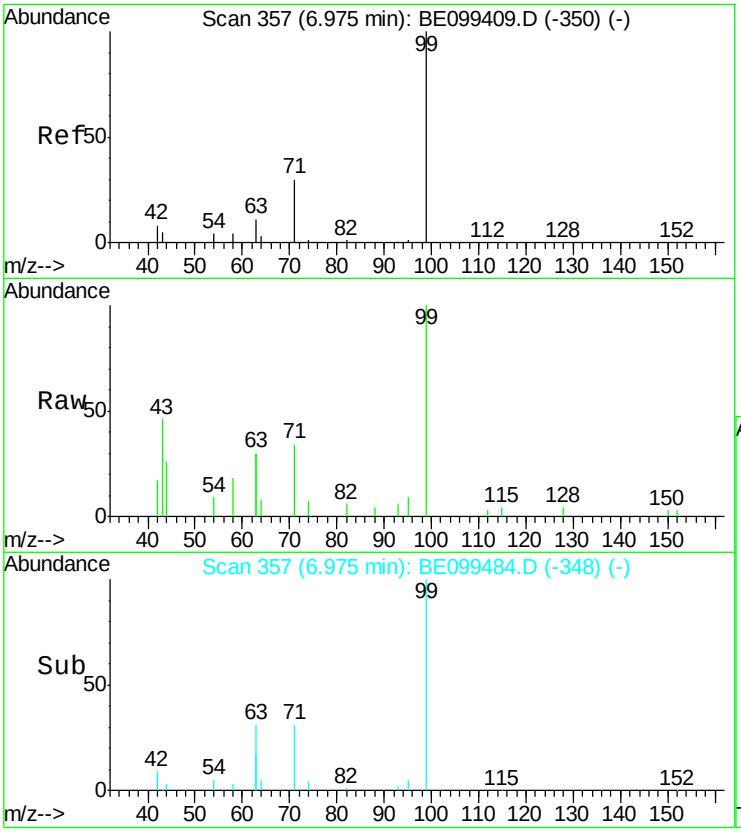


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:112 Resp: 2212

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.4	71.0
63	122.7	104.3	156.5



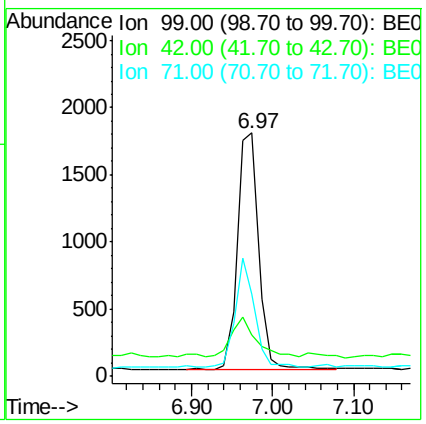


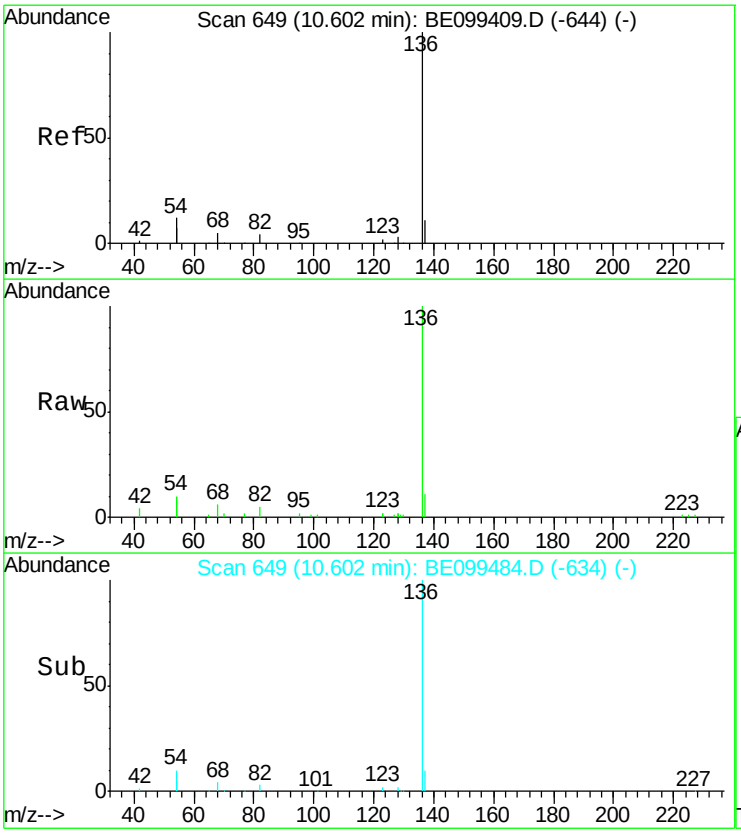
#5
Phenol-d6
Concen: 0.369 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion: 99 Resp: 3192

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.9	22.3
71	41.2	33.0	49.6

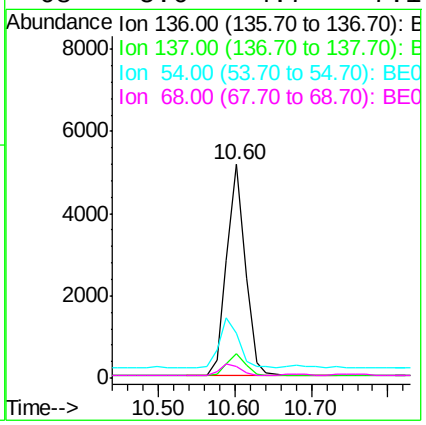


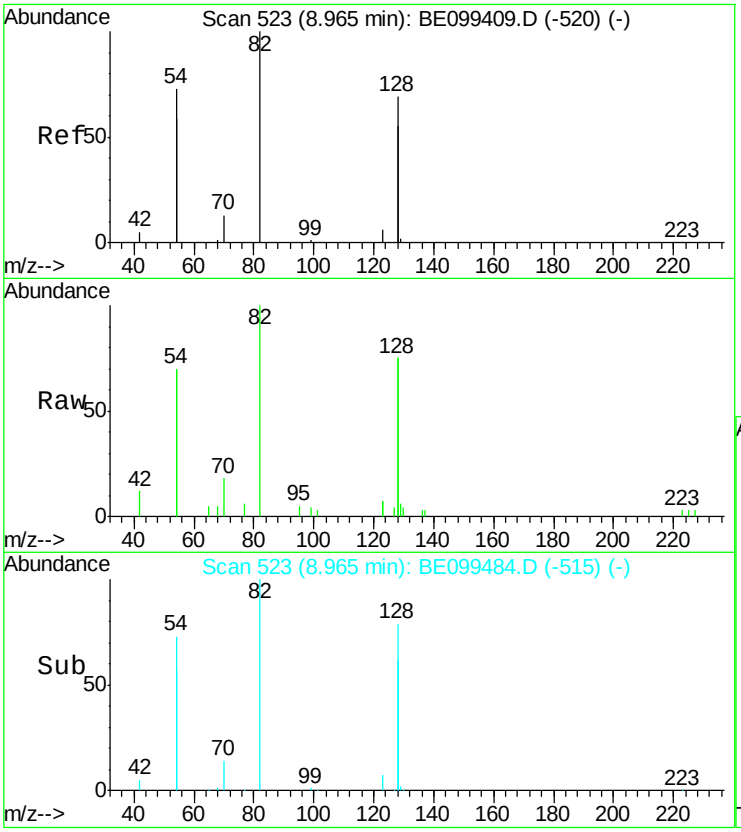


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:136 Resp: 8744

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	20.7	18.5	27.7
68	5.6	4.7	7.1



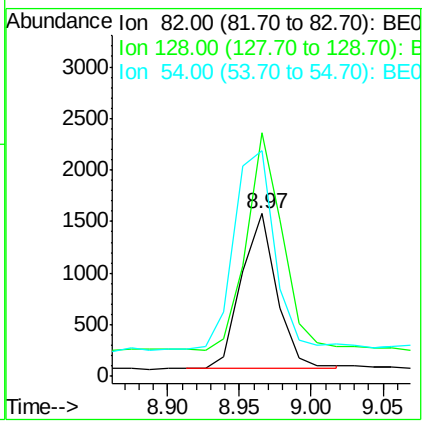


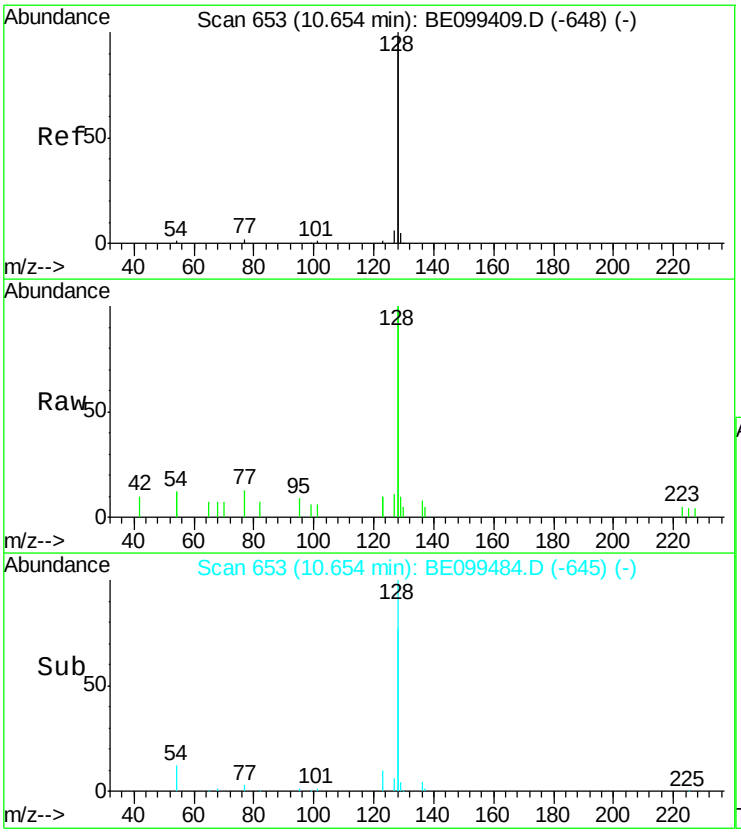
#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion: 82 Resp: 2579

Ion	Ratio	Lower	Upper
82	100		
128	149.8	107.0	160.4
54	139.0	113.1	169.7

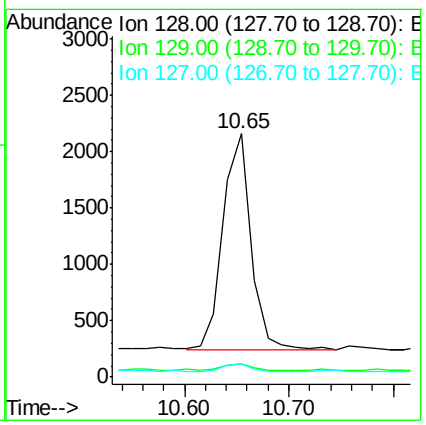


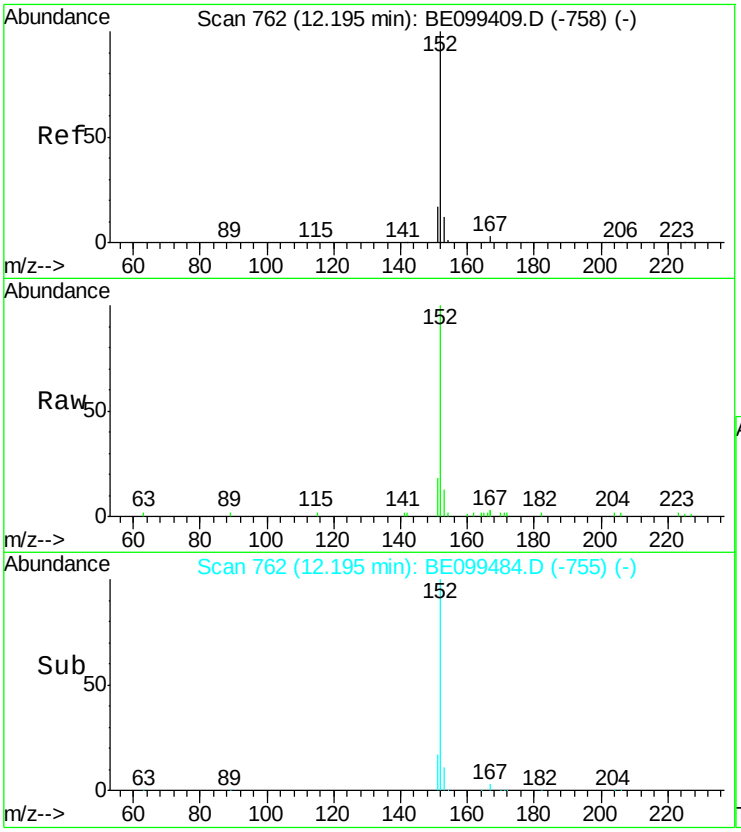


#9
Naphthalene
Concen: 0.037 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:128 Resp: 3566

Ion	Ratio	Lower	Upper
128	100		
129	5.2	2.4	3.6#
127	5.4	2.8	4.2#



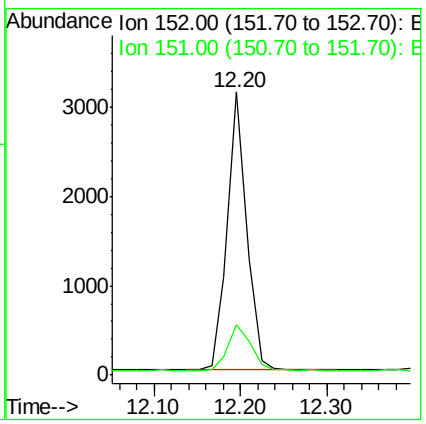


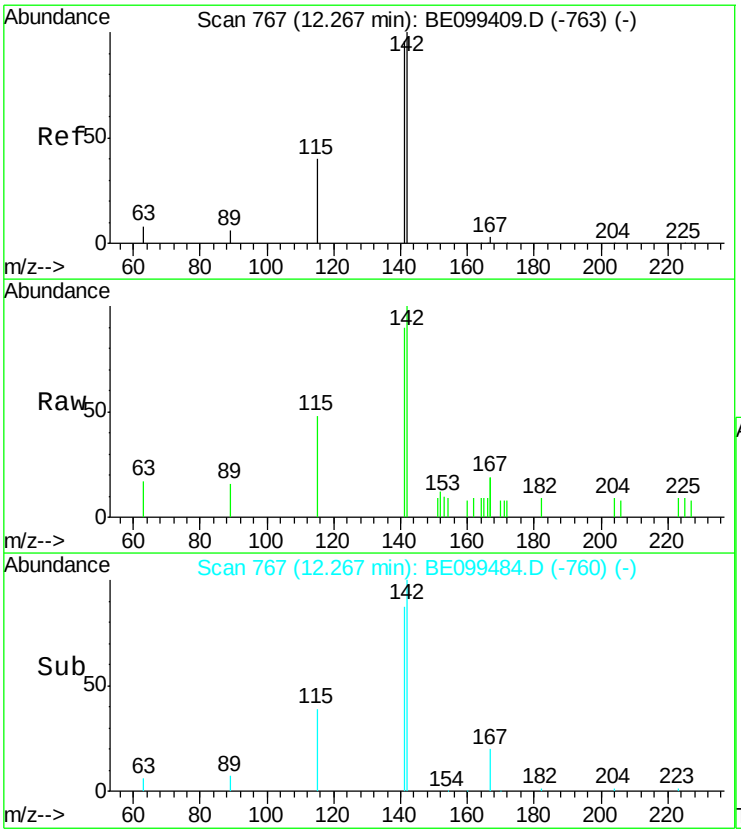
#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:152 Resp: 4839

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3

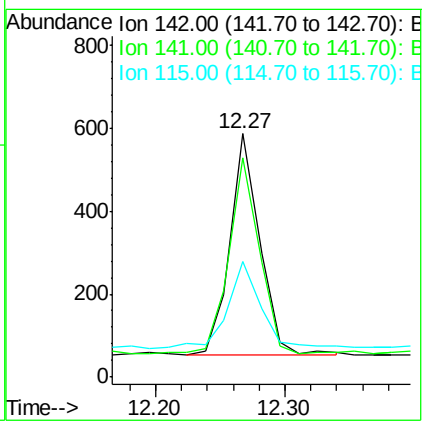


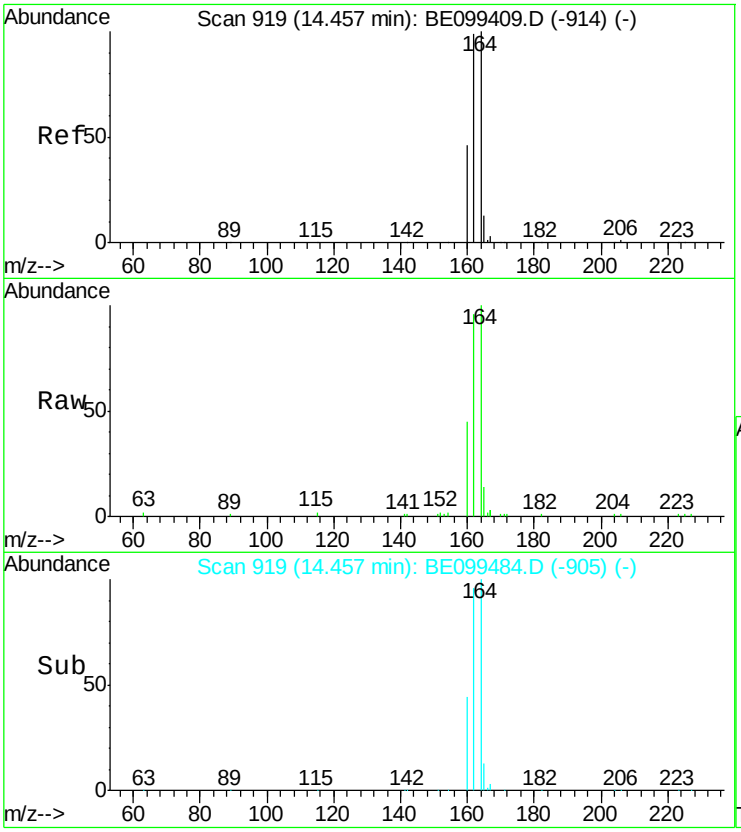


#12
2-Methylnaphthalene
Concen: 0.051 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:142 Resp: 845

Ion	Ratio	Lower	Upper
142	100		
141	90.1	77.0	115.4
115	47.6	33.4	50.0



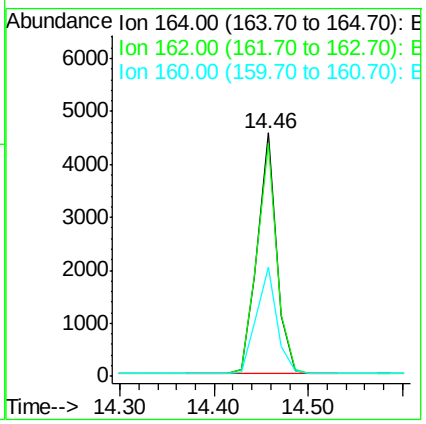


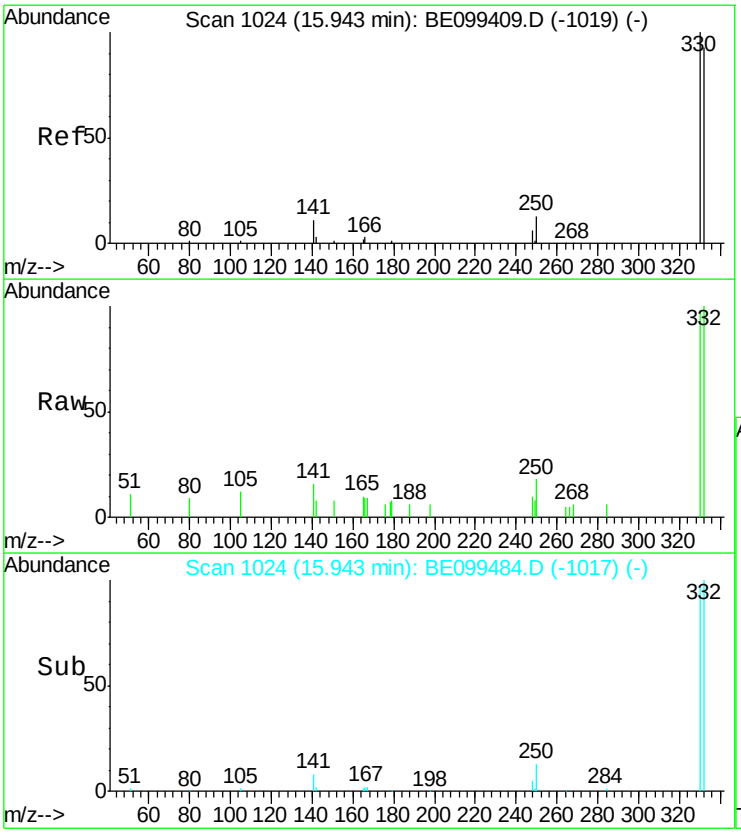
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:164 Resp: 6597

Ion	Ratio	Lower	Upper
164	100		
162	95.7	79.0	118.4
160	45.1	37.0	55.4

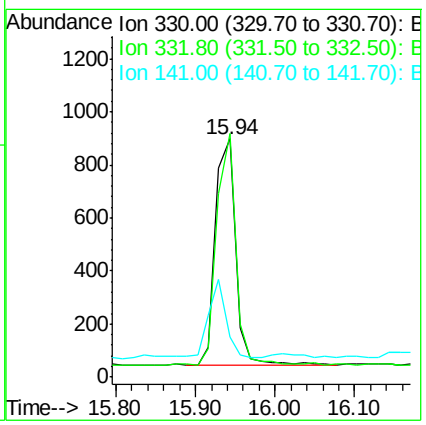


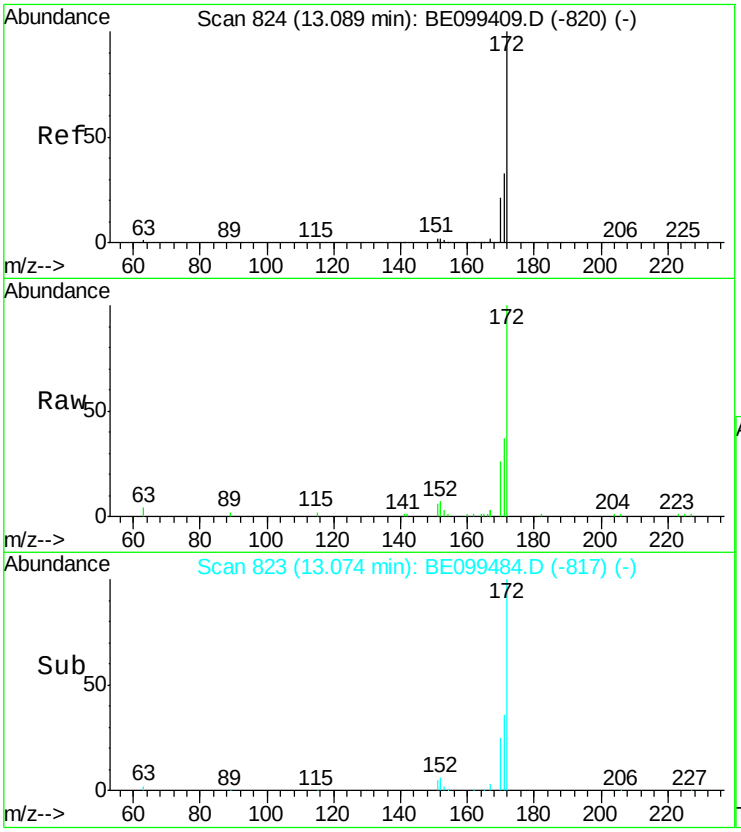


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:330 Resp: 1504

Ion	Ratio	Lower	Upper
330	100		
332	94.9	71.5	107.3
141	30.0	24.0	36.0



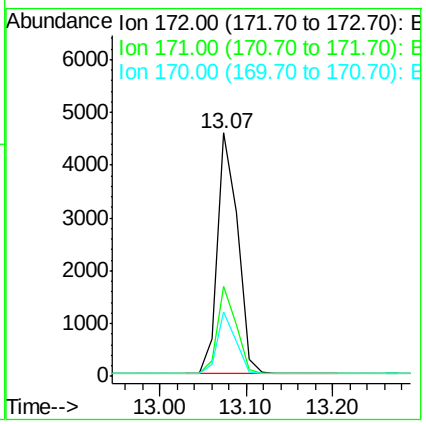


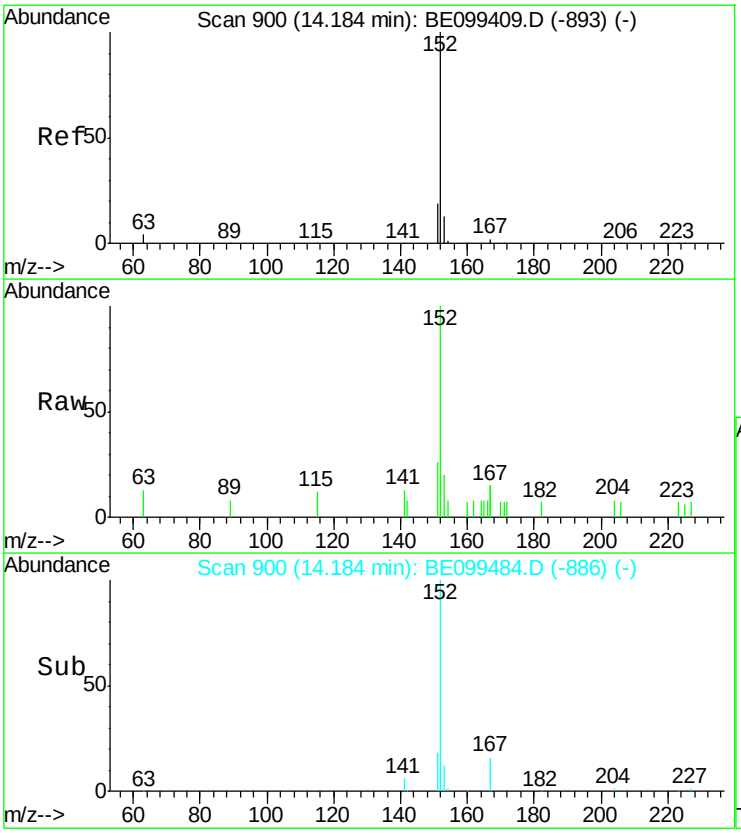
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:172 Resp: 7512

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.6	39.8
170	26.3	17.0	25.6#

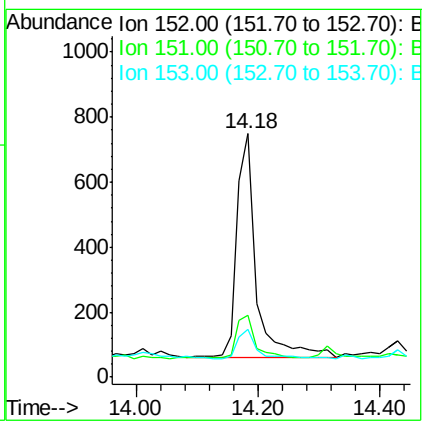


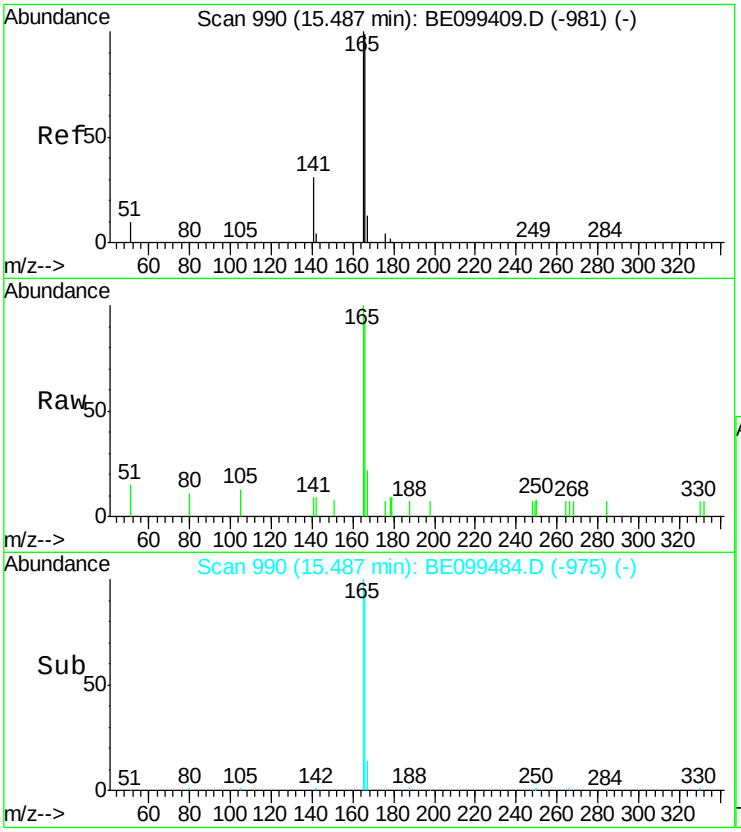


#16
Acenaphthylene
Concen: 0.047 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:152 Resp: 1510

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.2
153	14.4	9.8	14.6



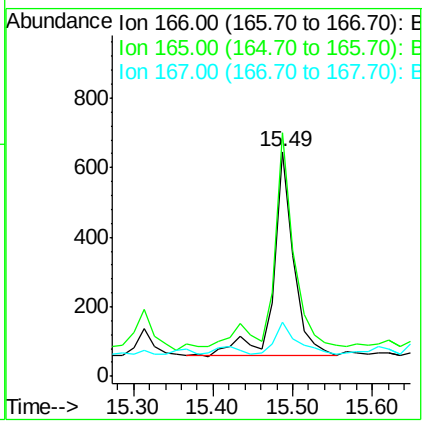


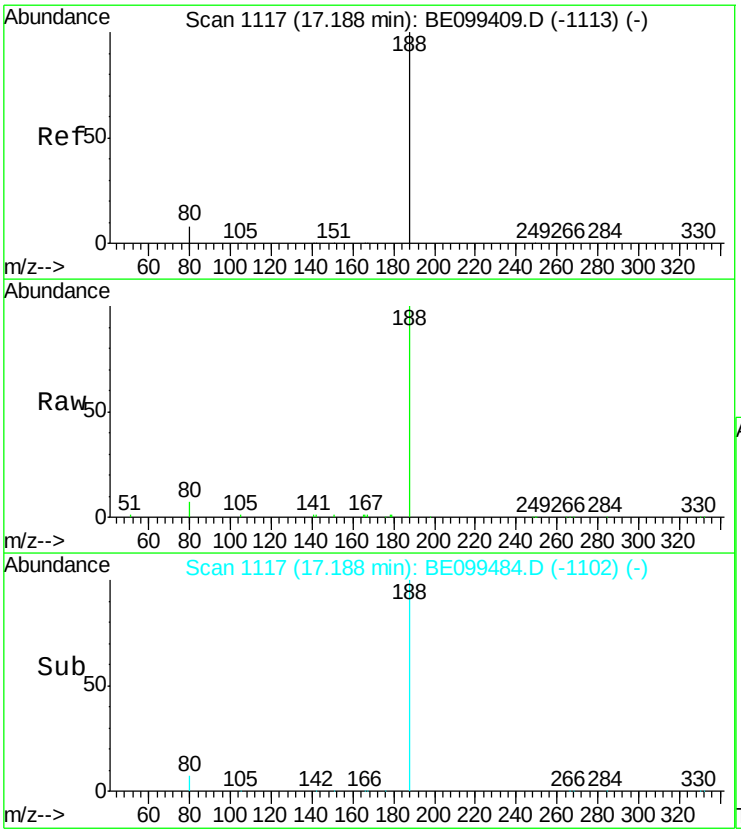
#18
Fluorene
Concen: 0.038 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:166 Resp: 1027

Ion	Ratio	Lower	Upper
166	100		
165	121.2	80.3	120.5#
167	17.6	10.7	16.1#

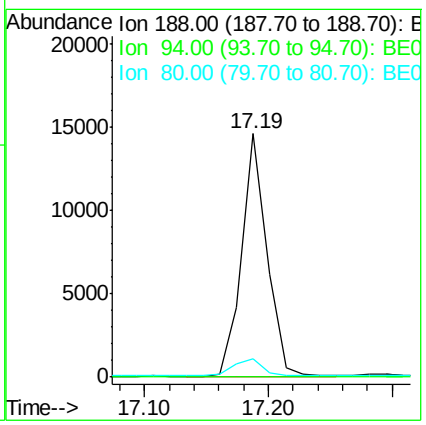


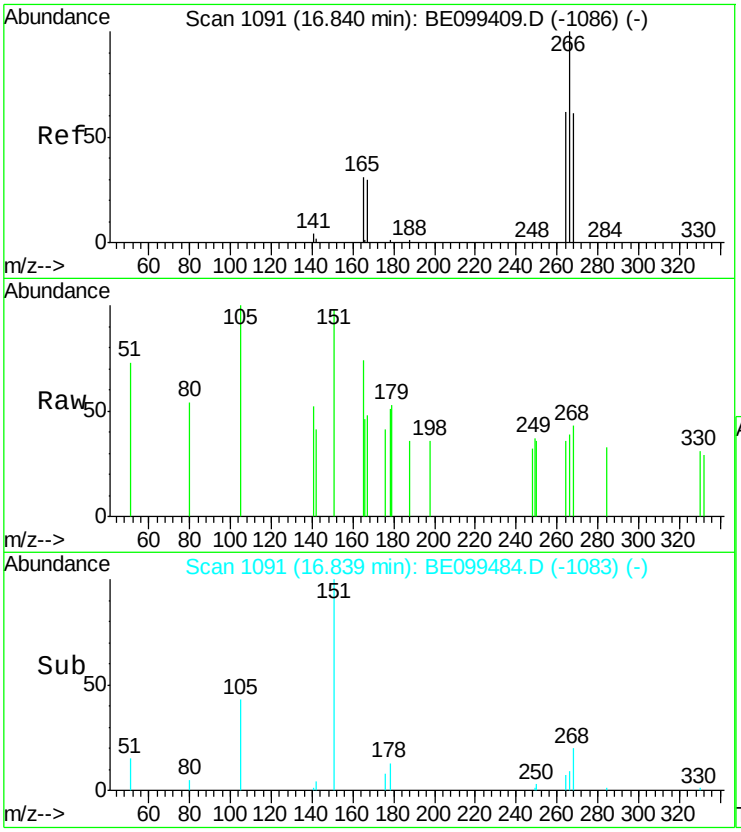


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:188 Resp: 20591

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.7	10.1



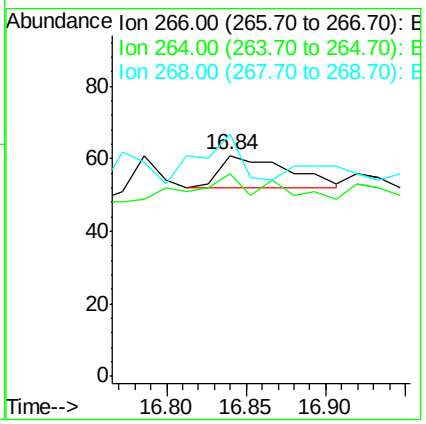


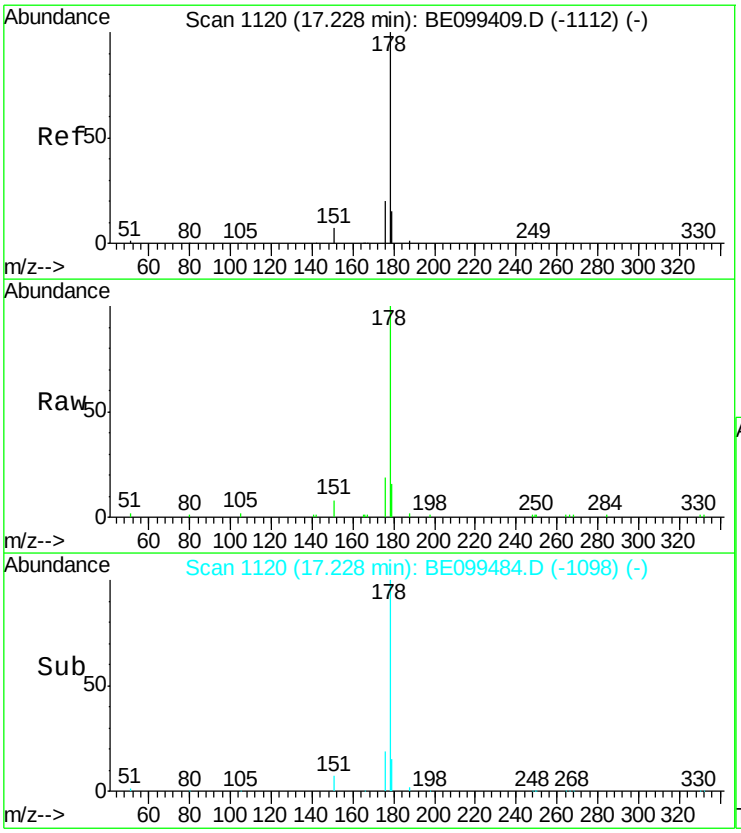
#22
Pentachlorophenol
Concen: 0.220 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	91.8	50.8	76.2#
268	109.8	50.5	75.7#

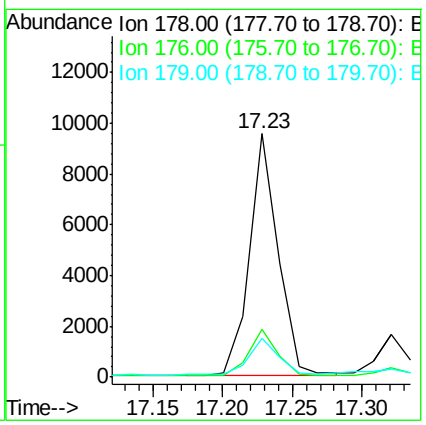


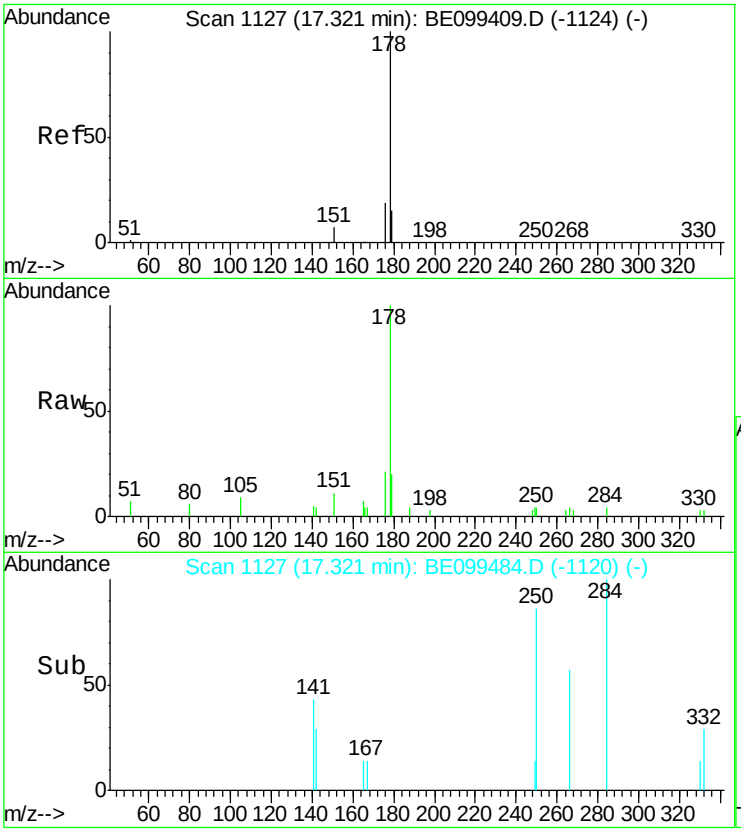


#23
Phenanthrene
Concen: 0.254 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:178 Resp: 13484

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.0	12.0	18.0



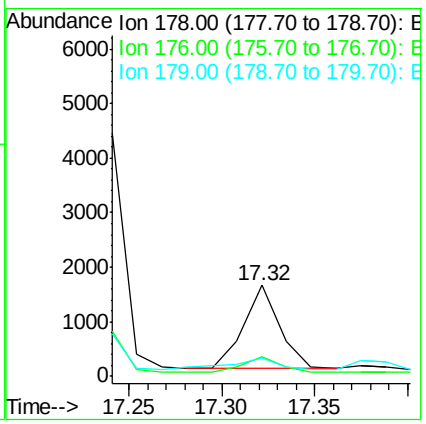


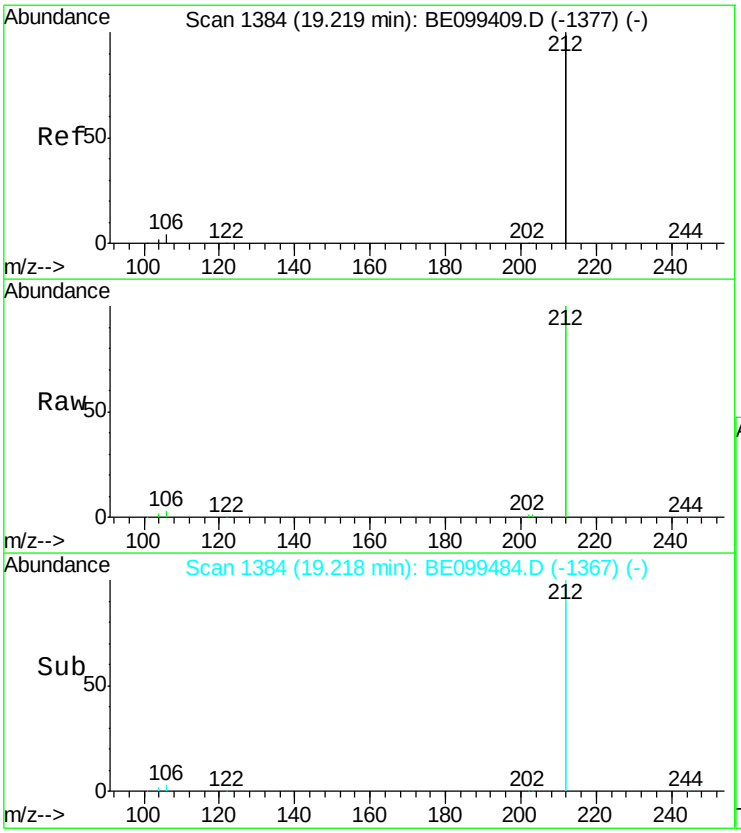
#24
Anthracene
Concen: 0.041 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:178 Resp: 2054

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	20.5	11.9	17.9#

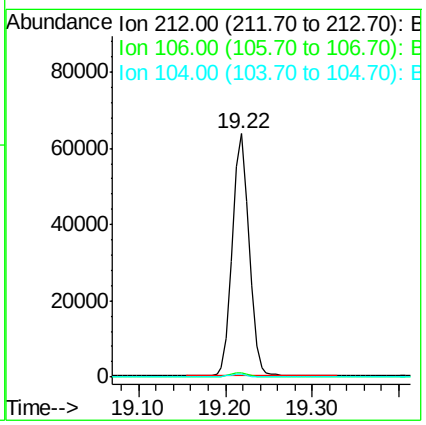


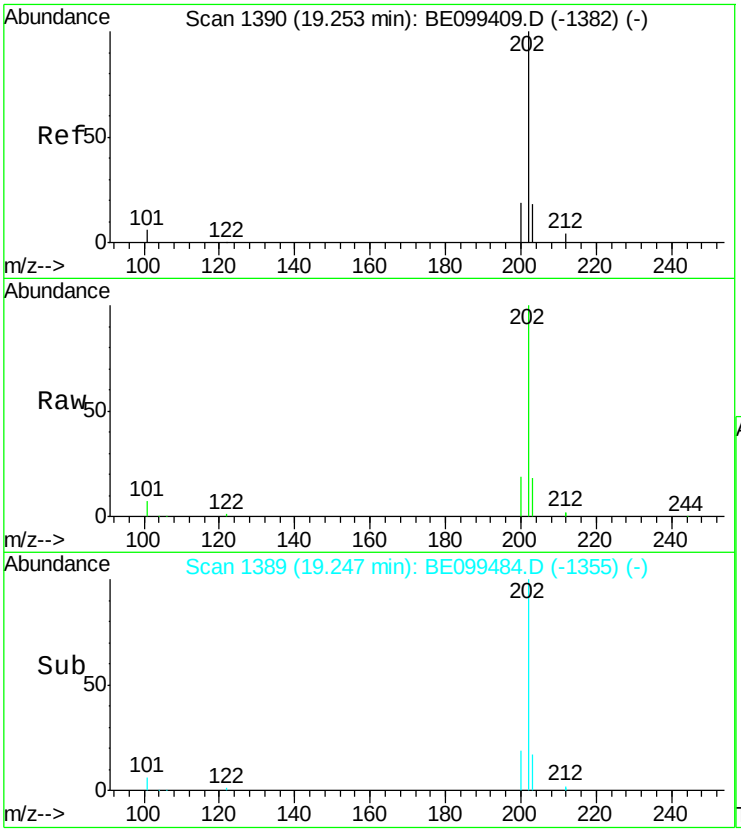


#25
Fluoranthene-d10
Concen: 0.301 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:212 Resp: 83666

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.2	0.9	1.3



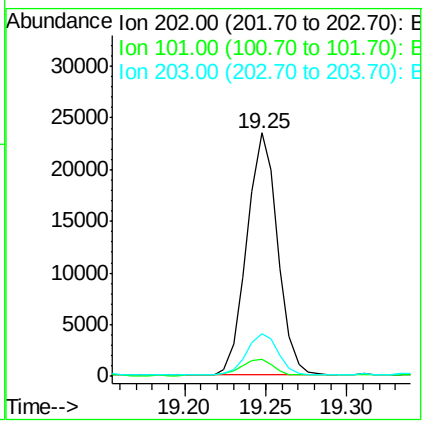


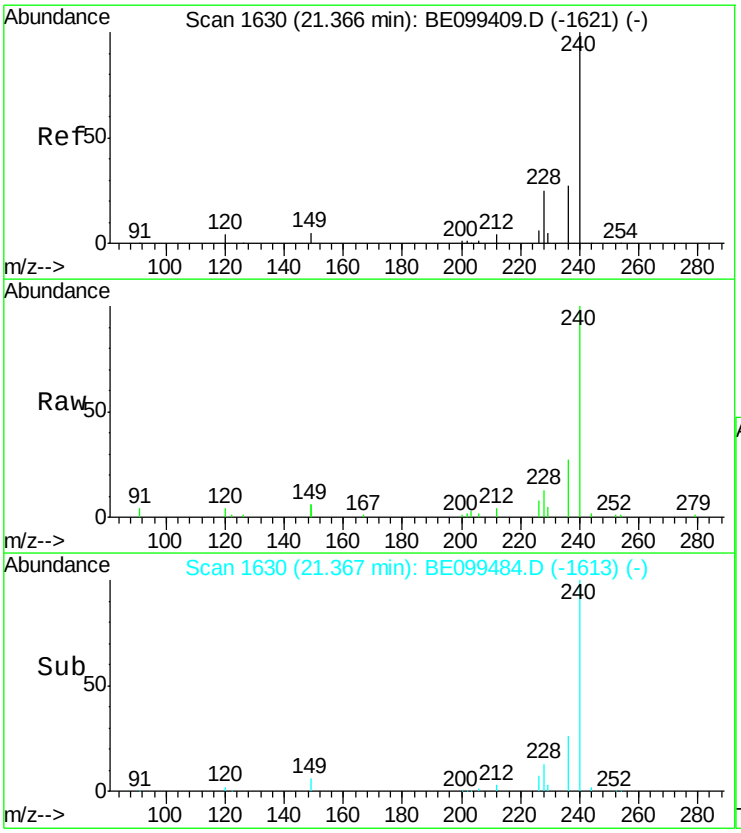
#26
Fluoranthene
Concen: 0.390 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:202 Resp: 31029

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.4	13.9	20.9

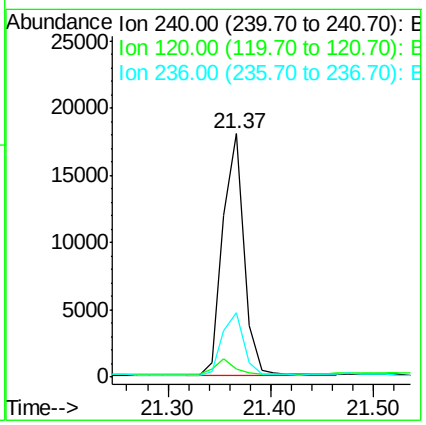


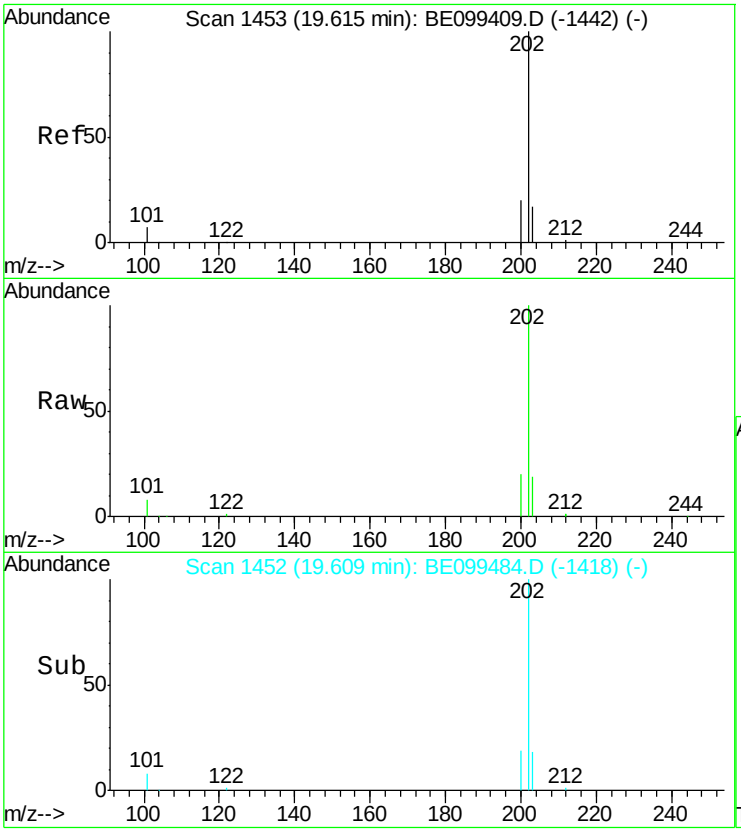


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:240 Resp: 25557

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.0	6.0#
236	26.6	22.0	33.0



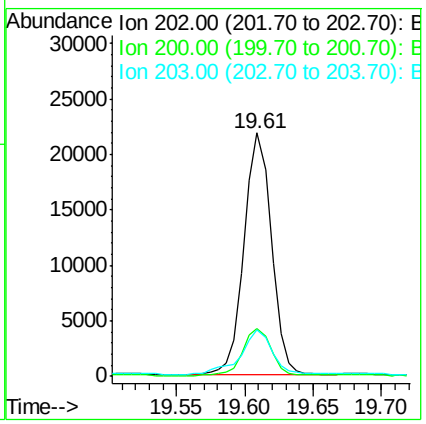


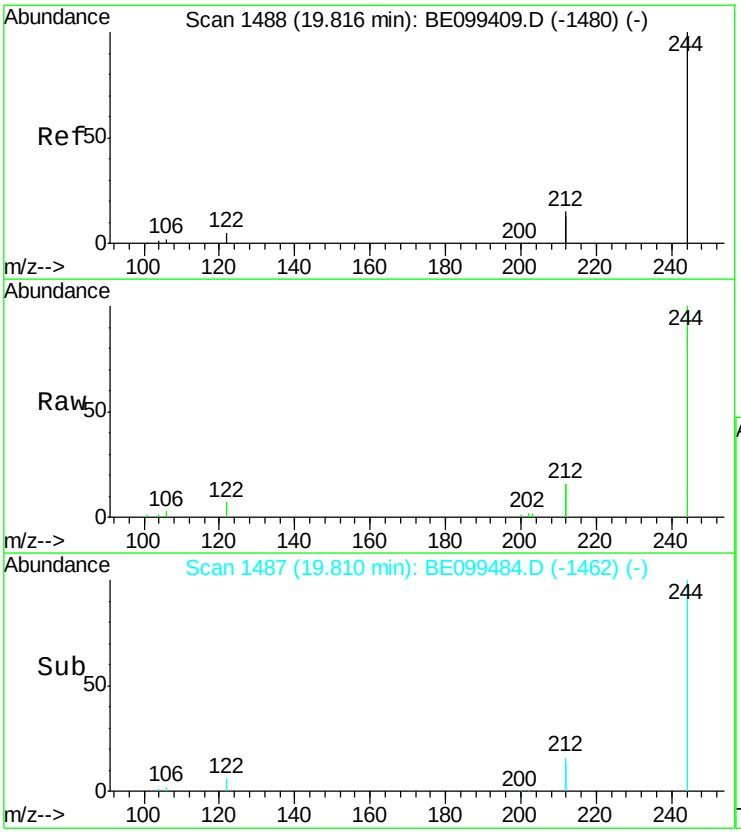
#28
Pyrene
Concen: 0.454 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:202 Resp: 30248

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	21.1	13.9	20.9#

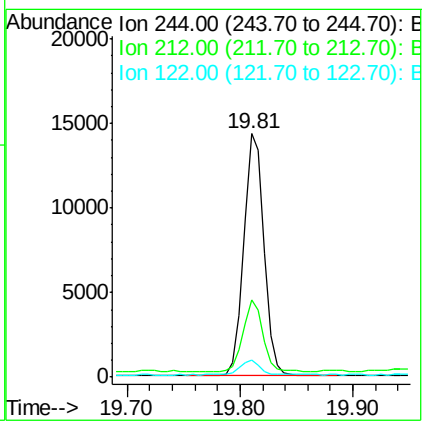


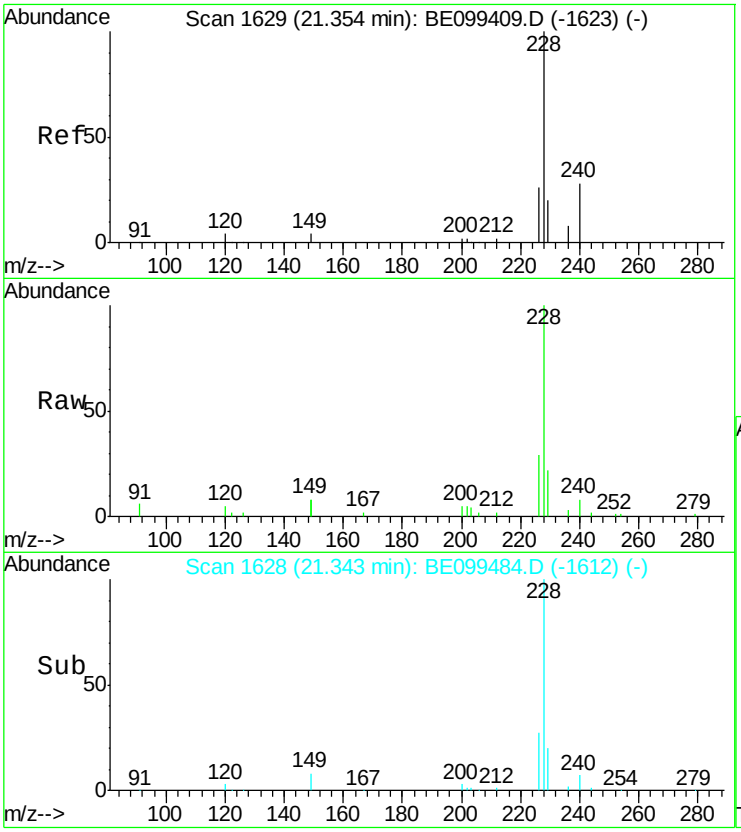


#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:244 Resp: 18033

Ion	Ratio	Lower	Upper
244	100		
212	31.6	23.2	34.8
122	7.2	4.2	6.4#



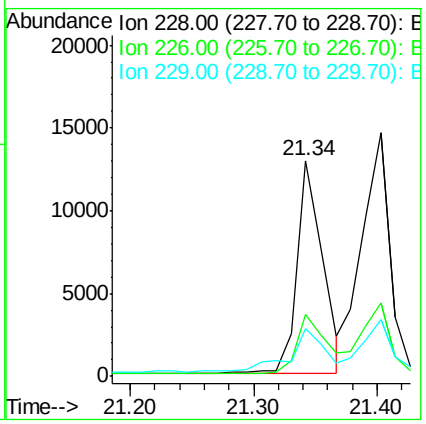


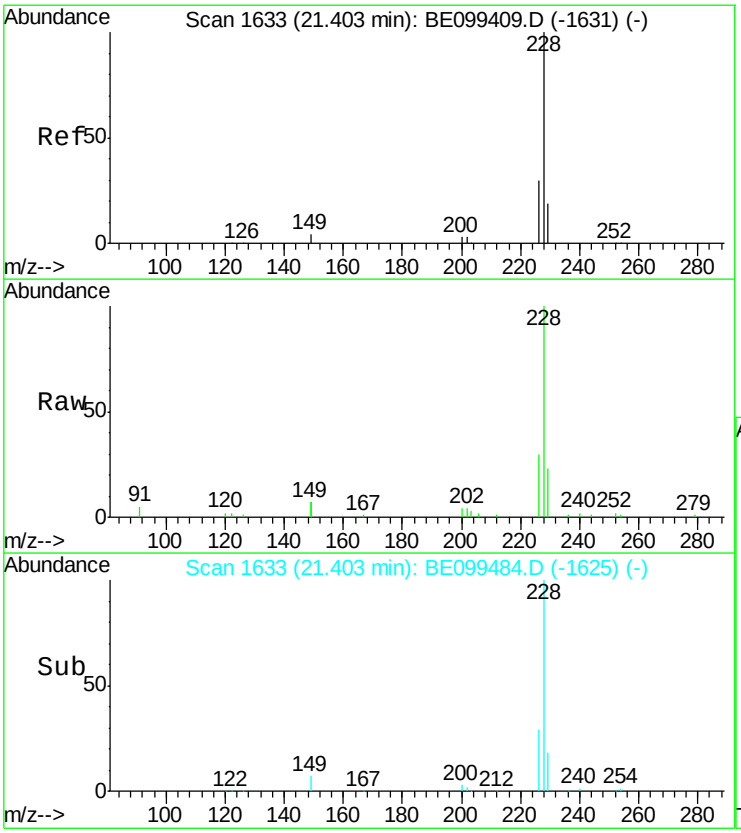
#30
Benzo(a)anthracene
Concen: 0.229 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:228 Resp: 18649

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.0	31.6
229	22.1	16.6	25.0

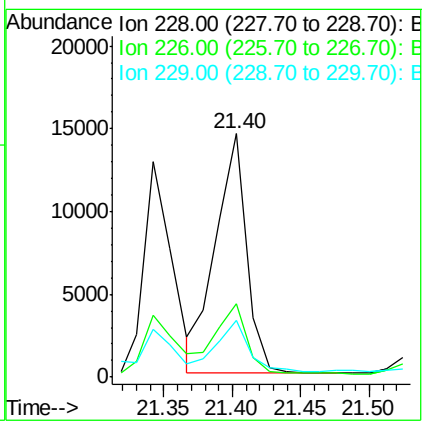


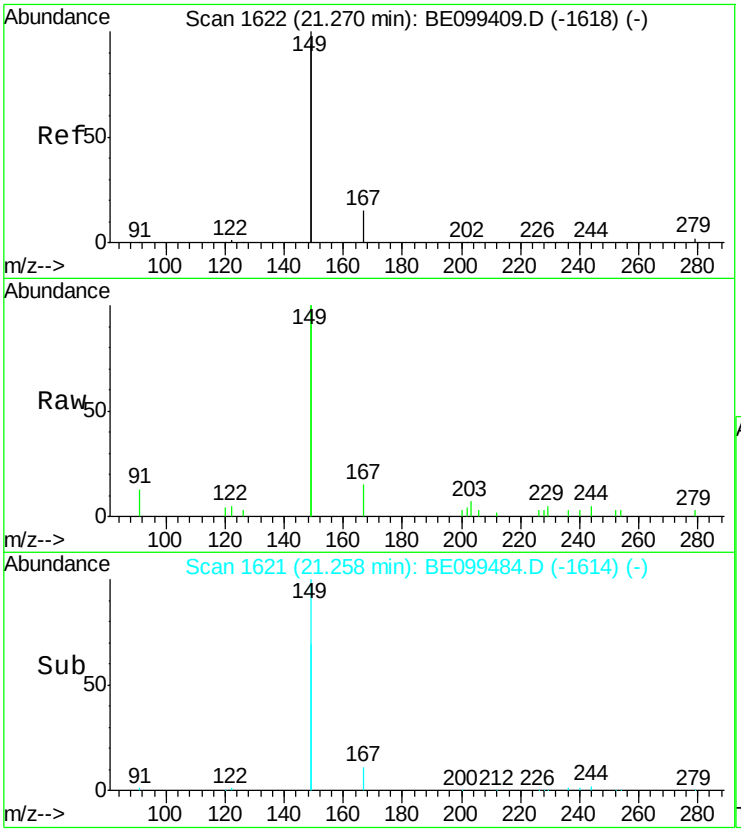


#31
Chrysene
Concen: 0.286 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:228 Resp: 22754

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	23.1	15.8	23.8



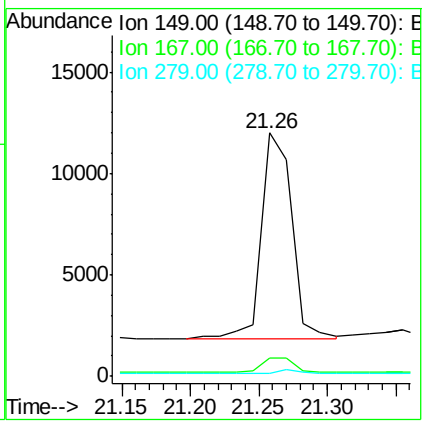


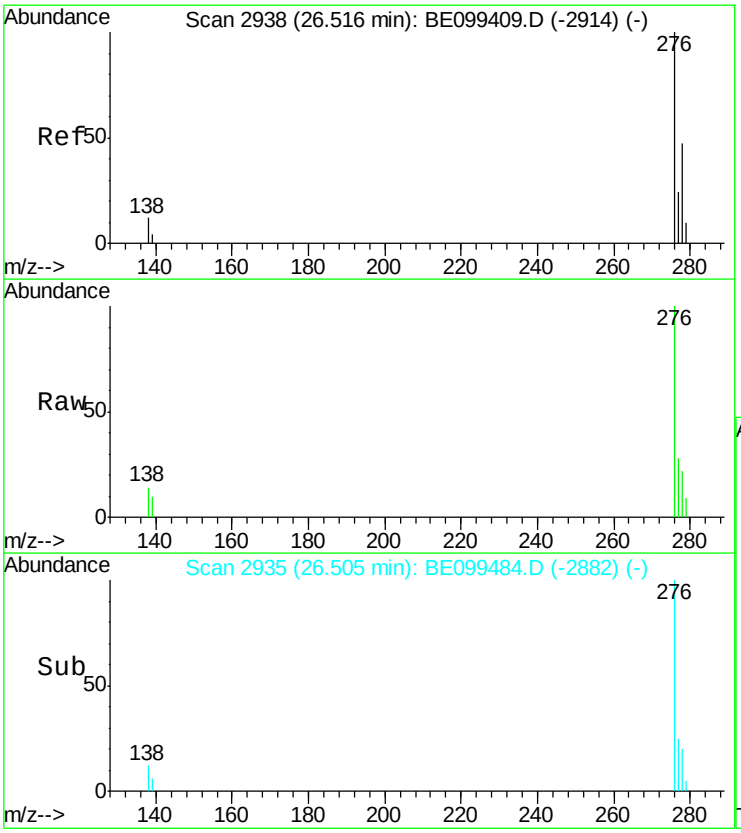
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:149 Resp: 15537

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.8	8.6
279	1.7	1.0	1.6#

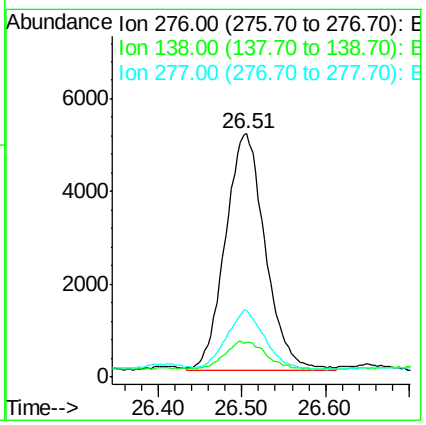


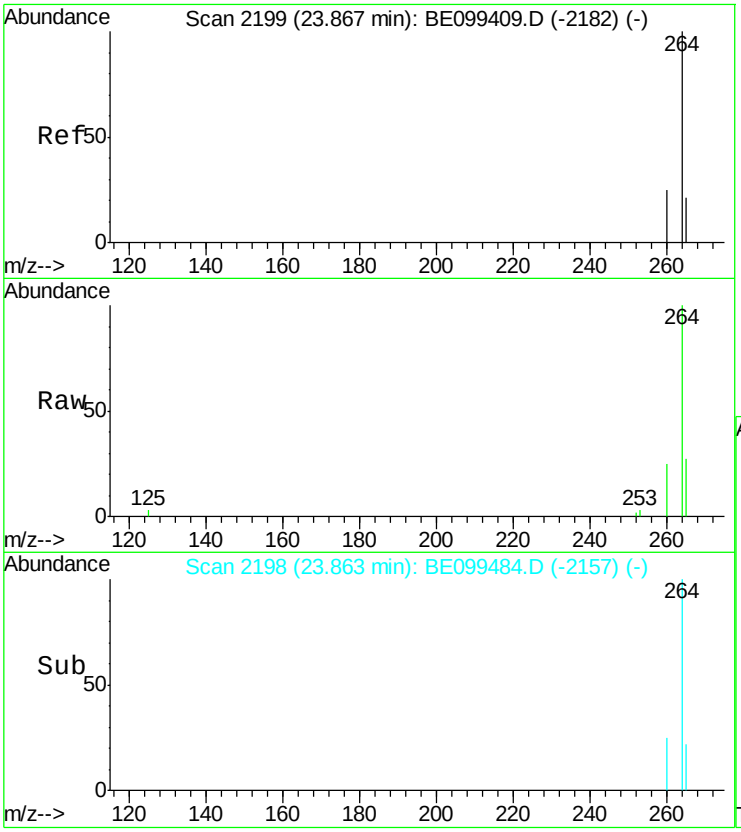


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:276 Resp: 16850

Ion	Ratio	Lower	Upper
276	100		
138	5.7	10.2	15.2#
277	24.4	19.2	28.8



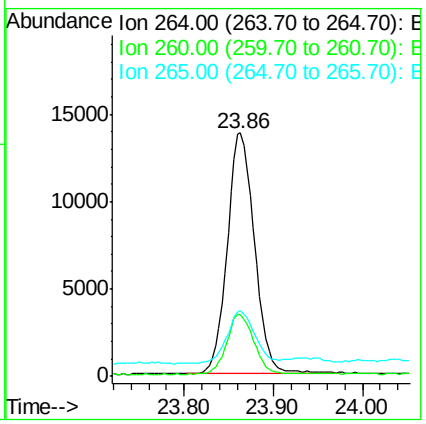


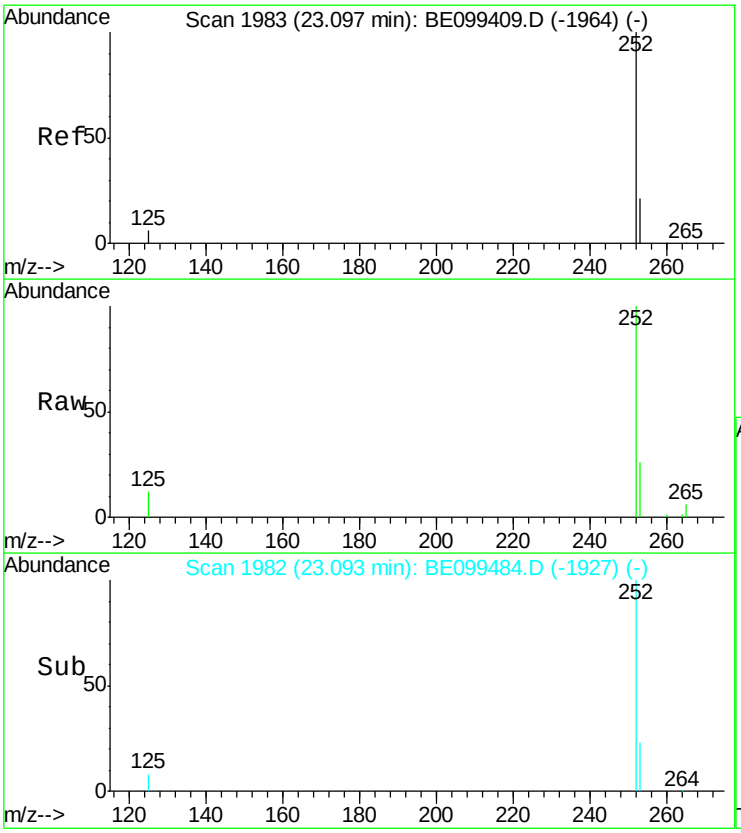
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:264 Resp: 29612

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	26.9	21.3	31.9

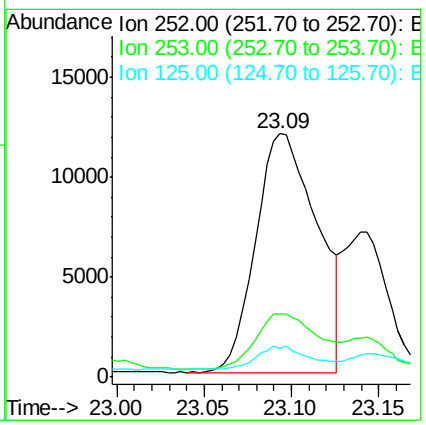


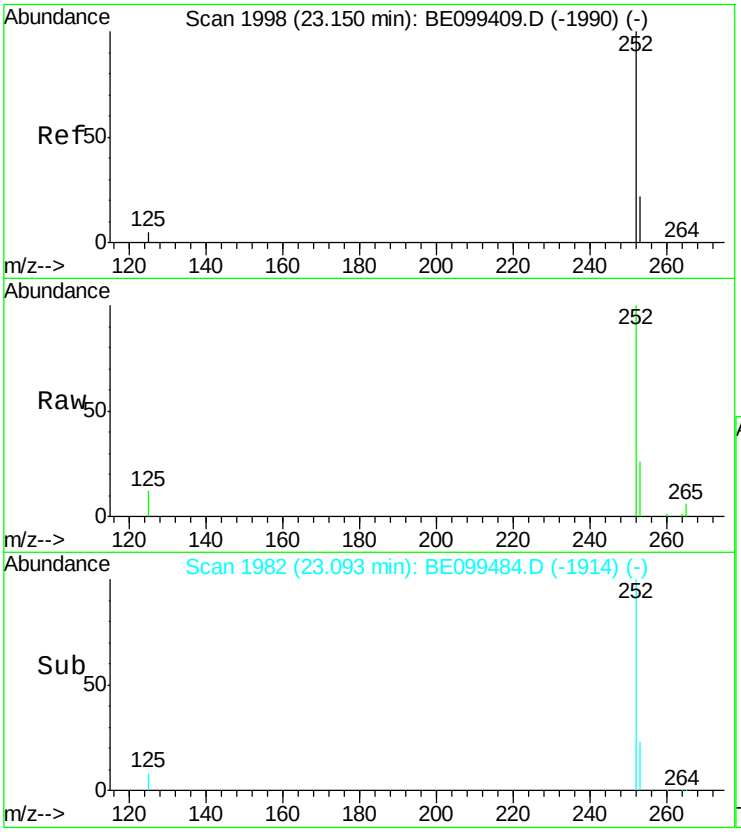


#35
Benzo(b)fluoranthene
Concen: 0.343 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:252 Resp: 29255

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	11.7	5.6	8.4#



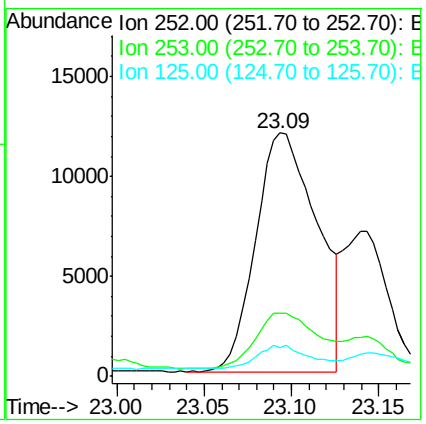


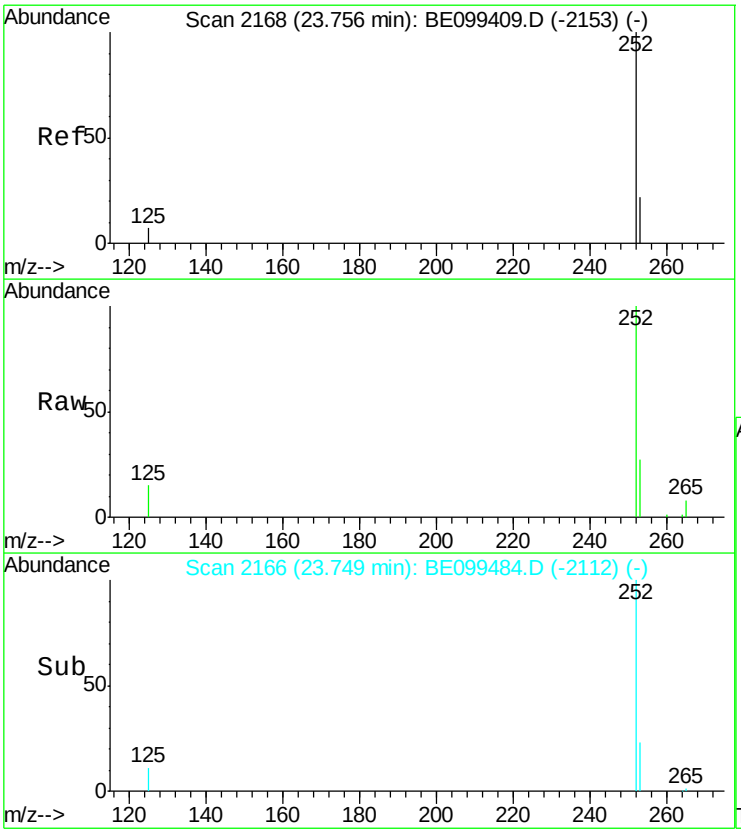
#36
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:252 Resp: 29255

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	11.7	5.0	7.4#

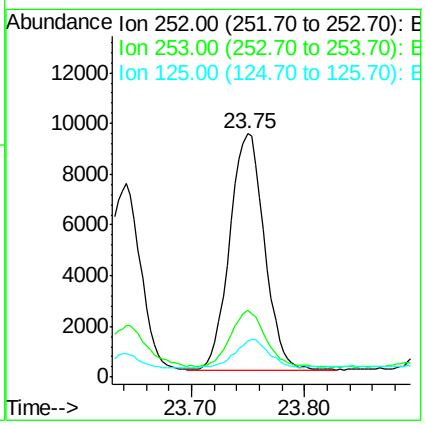


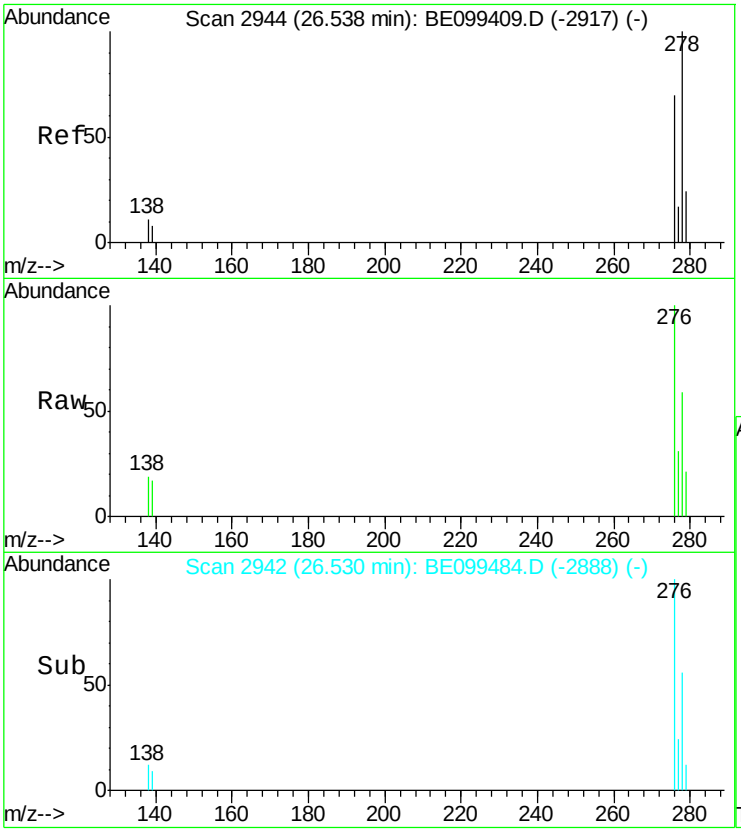


#37
Benzo(a)pyrene
Concen: 0.247 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:252 Resp: 19977

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.9	28.3
125	14.9	6.7	10.1#



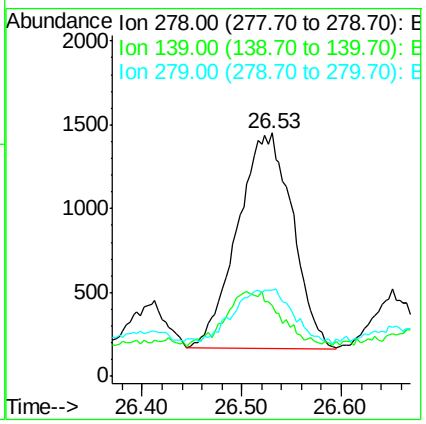


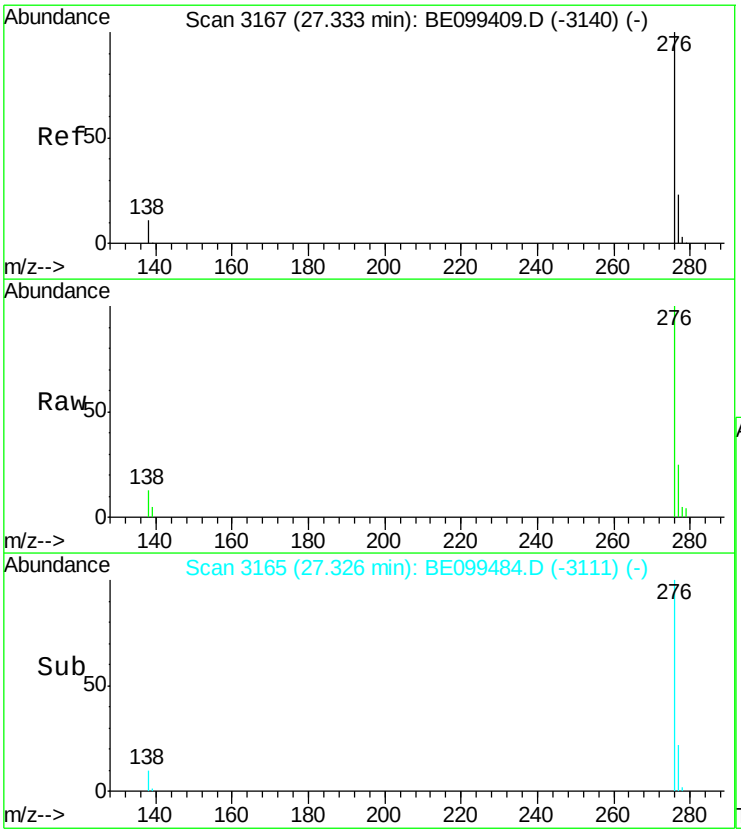
#38
Dibenzo(a,h)anthracene
Concen: 0.060 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319

Tgt Ion:278 Resp: 4952

Ion	Ratio	Lower	Upper
278	100		
139	28.9	7.7	11.5#
279	35.3	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.198 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099484.D
Acq: 2 May 2019 4:00

Tgt Ion:276 Resp: 16353

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.5	29.3
138	13.3	9.6	14.4