Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099112.D
Acq On : 23 Mar 2019 15:09
Operator : JU/SJ
Sample : K2014-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW040-031919

Quant Time: Mar 23 22:36:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3226	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	12457	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	8009	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	22985	0.40	ng		0.00
27) Chrysene-d12	21.39	240	34068	0.40	ng		0.00
34) Perylene-d12	23.90	264	36246	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4013	0.42	ng		0.00
5) Phenol-d6	6.99	99	5637	0.41	ng		0.00
8) Nitrobenzene-d5	8.99	82	3496	0.64	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8242	0.37	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1257	0.53	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12900	0.40	ng		-0.02
25) Fluoranthene-d10	19.24	212	119489	0.39	ng		0.00
29) Terphenyl-d14	19.83	244	22890	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	198	0.040	ng	#	26
9) Naphthalene	10.68	128	3526	0.024	ng	#	96
16) Acenaphthylene	14.20	152	1785	0.042	ng		97
18) Fluorene	15.51	166	933	0.025	ng	#	89
22) Pentachlorophenol	16.88	266	42	0.260	ng		92
23) Phenanthrene	17.25	178	23249	0.341	ng		99
24) Anthracene	17.35	178	1998	0.031	ng	#	89
26) Fluoranthene	19.27	202	38865	0.405	ng		99
28) Pyrene	19.63	202	41414	0.358	ng		96
30) Benzo(a)anthracene	21.37	228	20441	0.170	ng		99
31) Chrysene	21.43	228	23016	0.192	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18779	0.121	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	11187	0.087	ng		97
35) Benzo(b)fluoranthene	23.12	252	23908	0.191	ng		94
36) Benzo(k)fluoranthene	23.12	252	23908	0.195	ng		97
37) Benzo(a)pyrene	23.78	252	17713	0.153	ng		99
38) Dibenzo(a,h)anthracene	26.57	278	2891	0.026	ng	#	77
39) Benzo(g,h,i)perylene	27.37	276	12207	0.105	ng		99

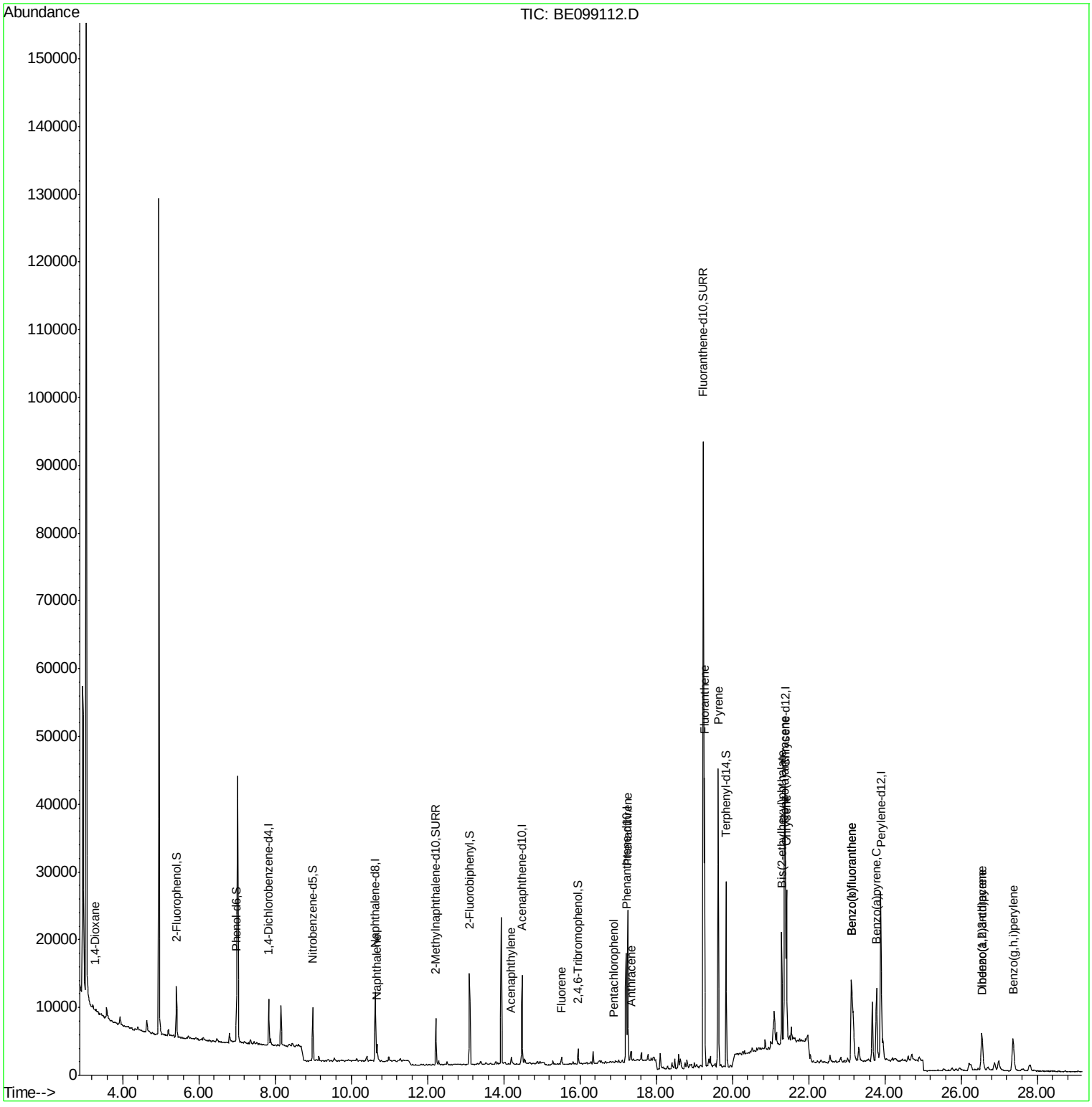
(#) = qualifier out of range (m) = manual integration (+) = signals summed

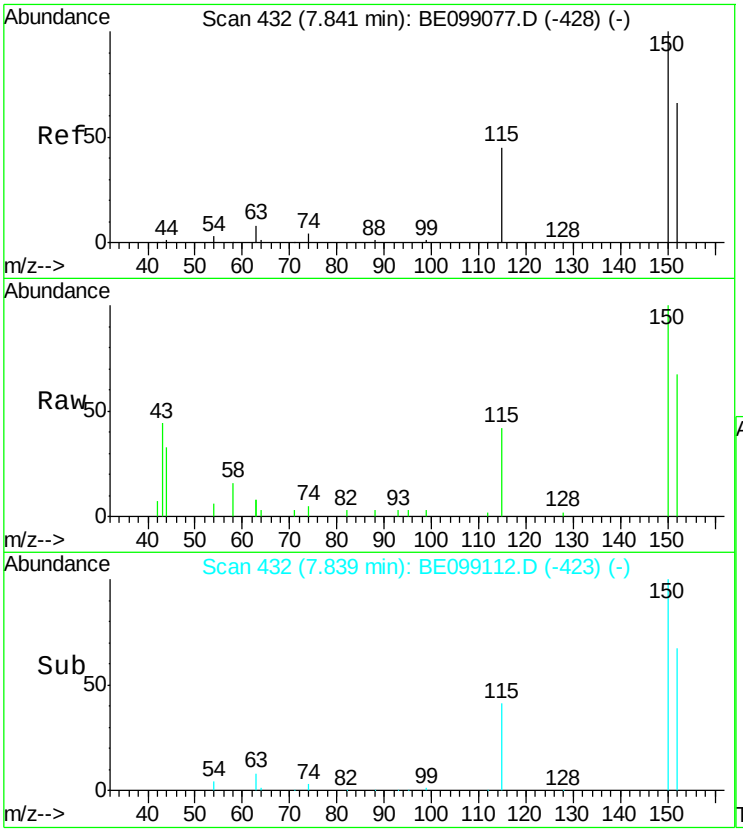
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099112.D
Acq On : 23 Mar 2019 15:09
Operator : JU/SJ
Sample : K2014-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Quant Time: Mar 23 22:36:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



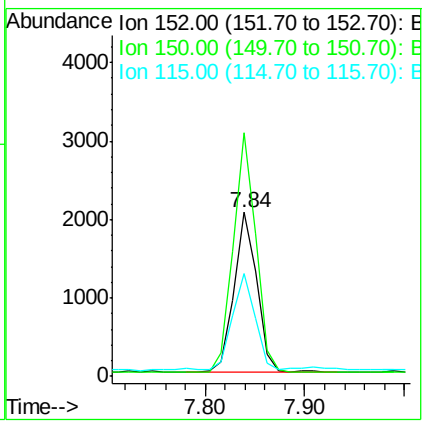


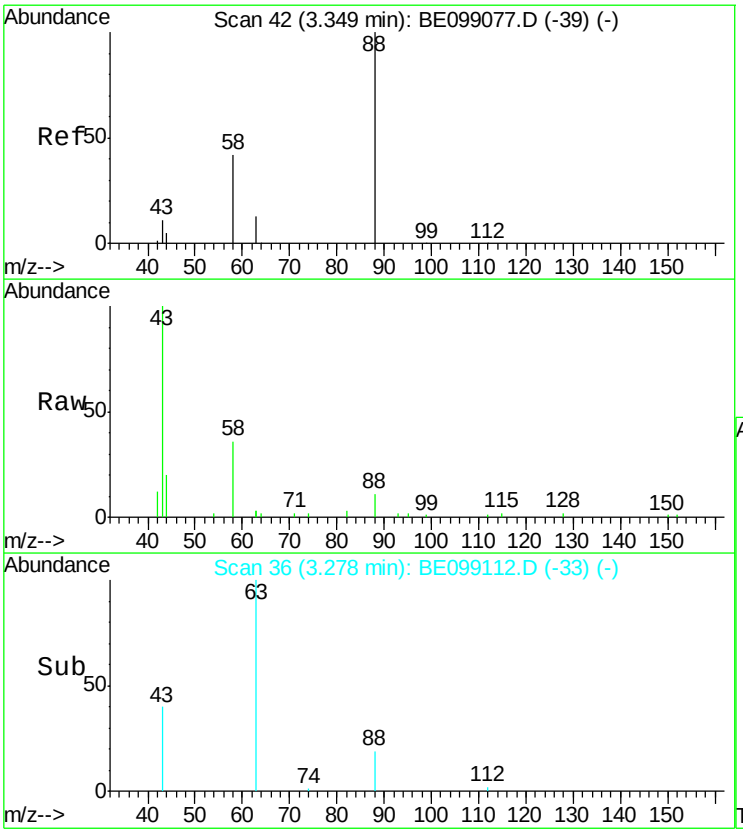
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:152 Resp: 3226

Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.5	183.7
115	63.1	57.4	86.2

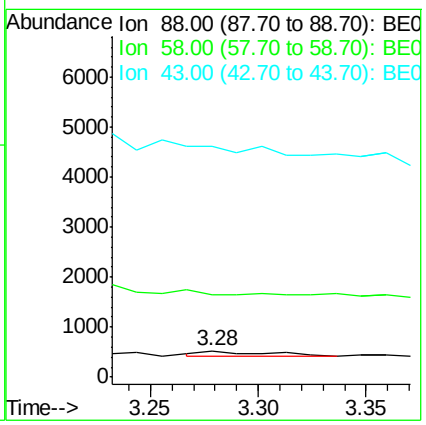


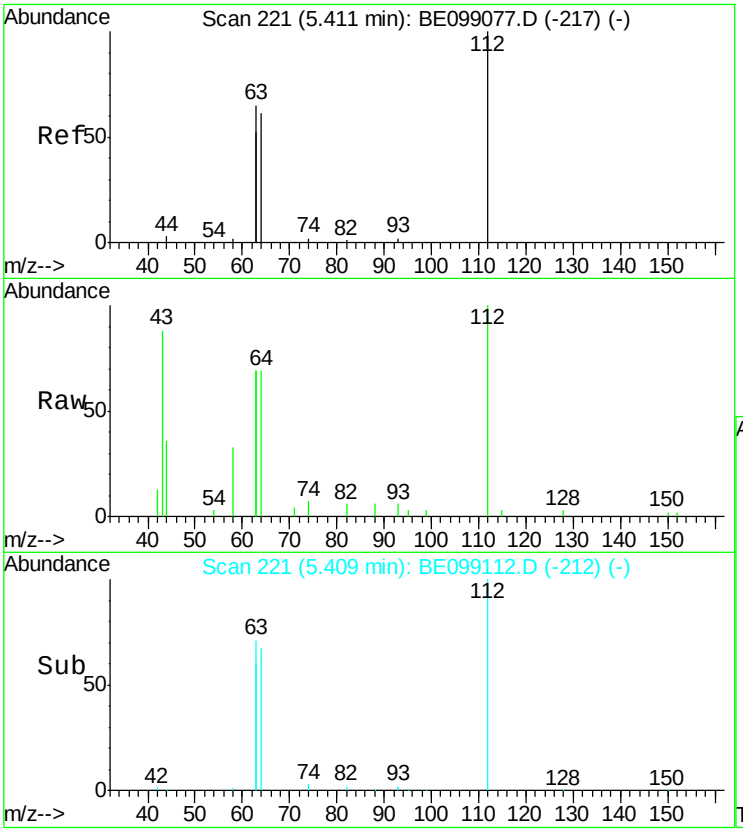


#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.07 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion: 88 Resp: 198

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



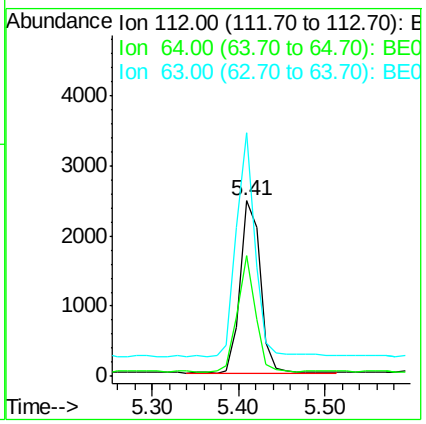


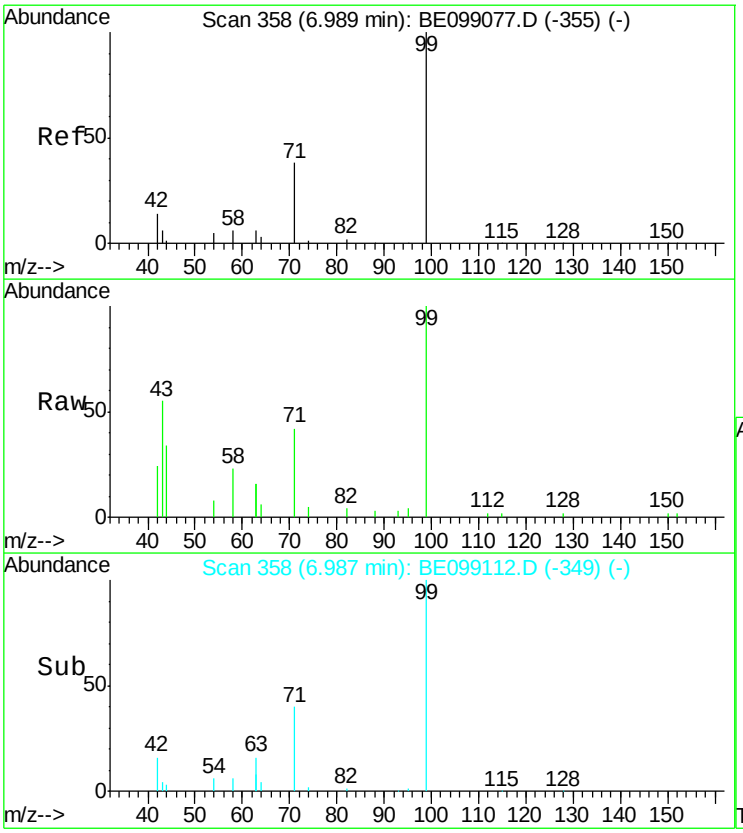
#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:112 Resp: 4013

Ion	Ratio	Lower	Upper
112	100		
64	59.3	57.9	86.9
63	117.3	158.3	237.5#

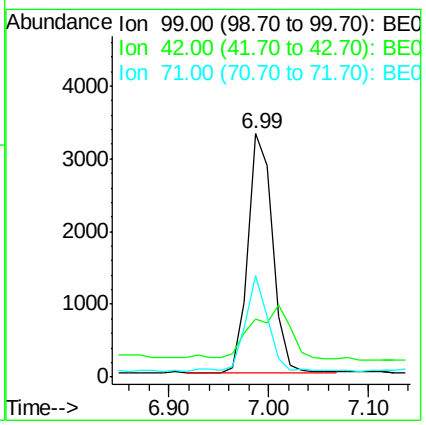


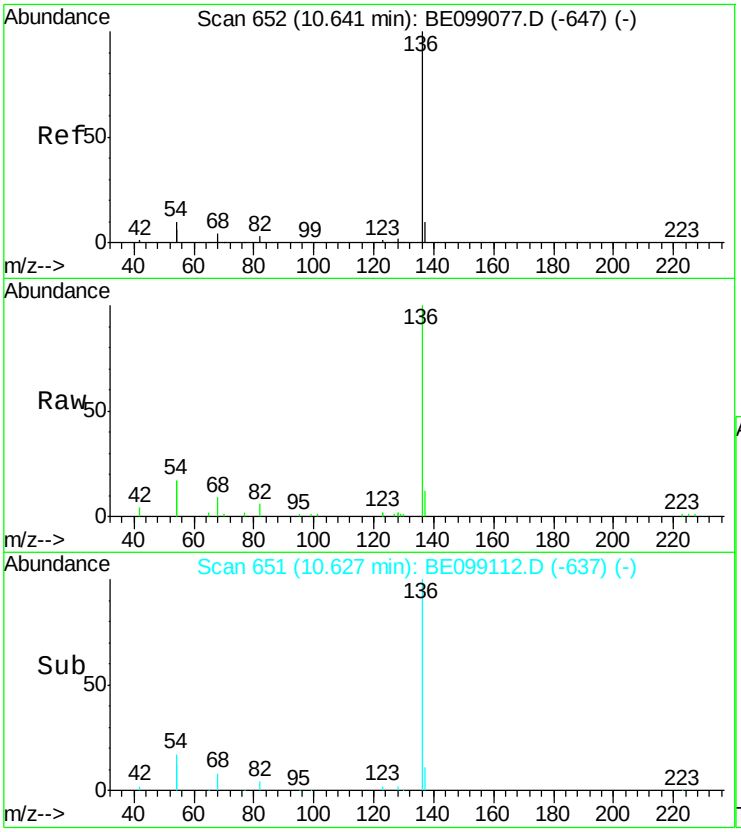


#5
Phenol-d6
Concen: 0.408 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion: 99 Resp: 5637

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	37.7	35.7	53.5



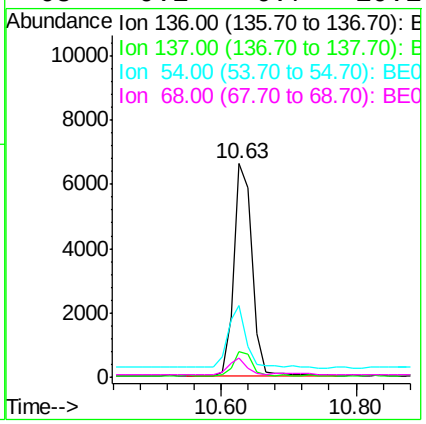


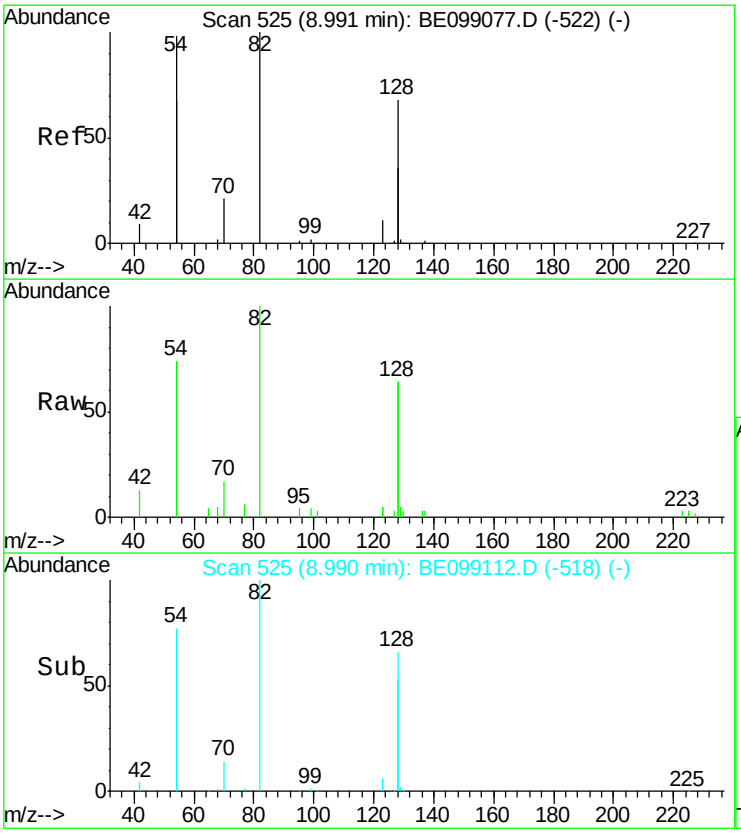
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:136 Resp: 12457

Ion	Ratio	Lower	Upper
136	100		
137	11.7	11.4	17.0
54	33.3	39.3	58.9#
68	9.1	6.7	10.1

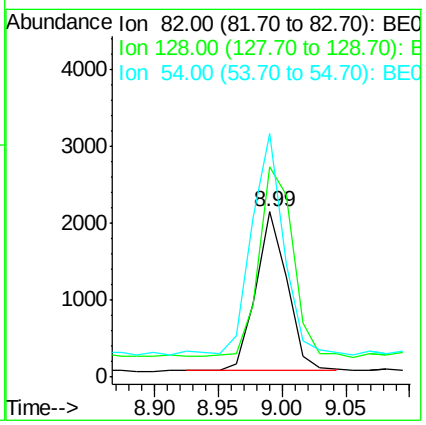


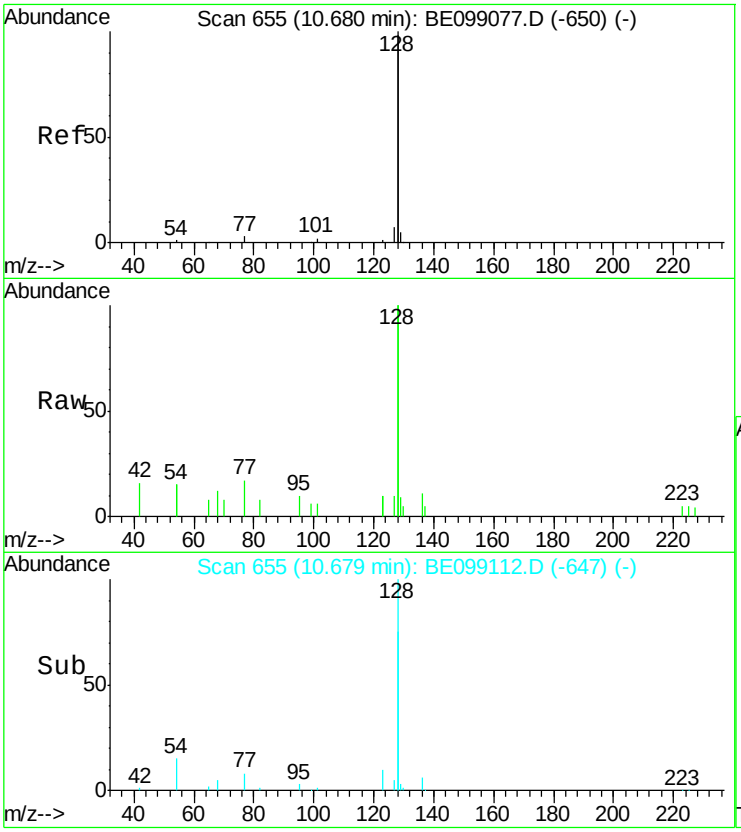


#8
Nitrobenzene-d5
Concen: 0.642 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion: 82 Resp: 3496

Ion	Ratio	Lower	Upper
82	100		
128	127.6	123.8	185.8
54	147.6	203.4	305.2#



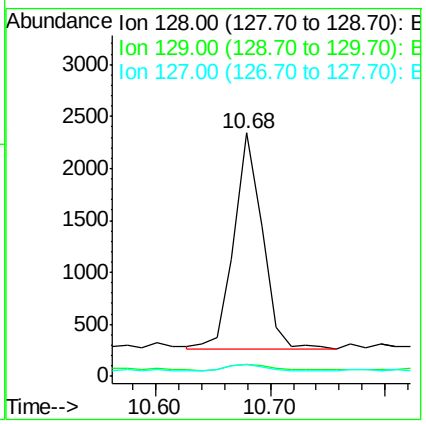


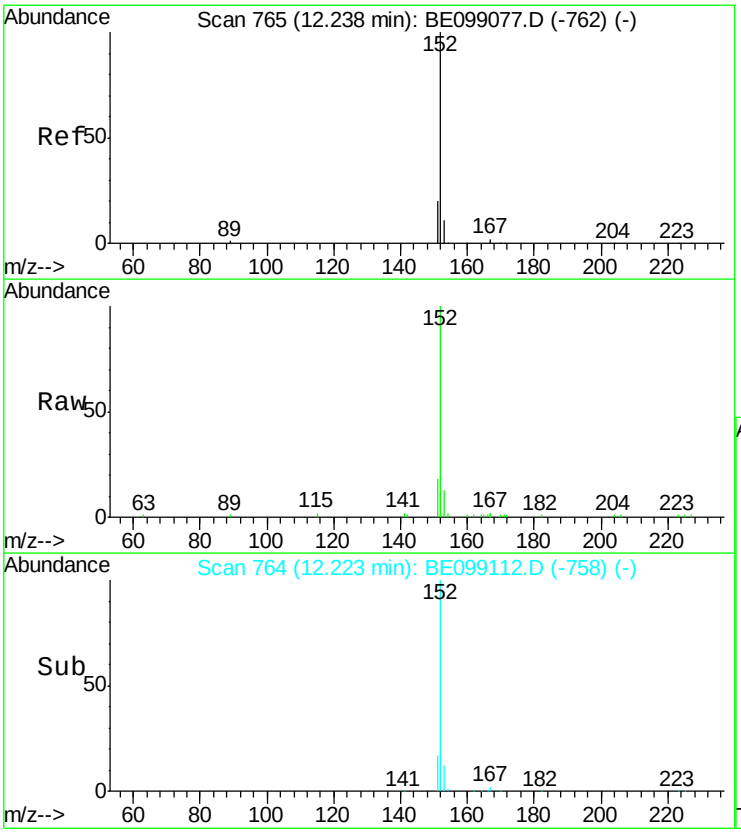
#9
Naphthalene
Concen: 0.024 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:128 Resp: 3526

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.6	4.0#
127	5.2	3.1	4.7#

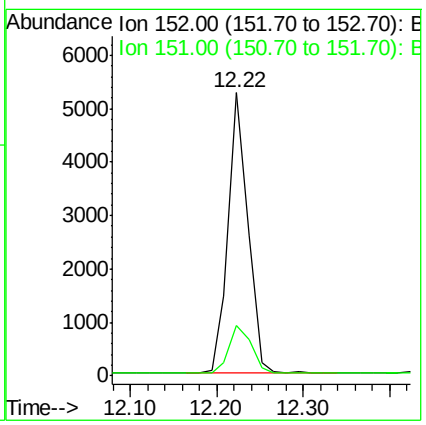


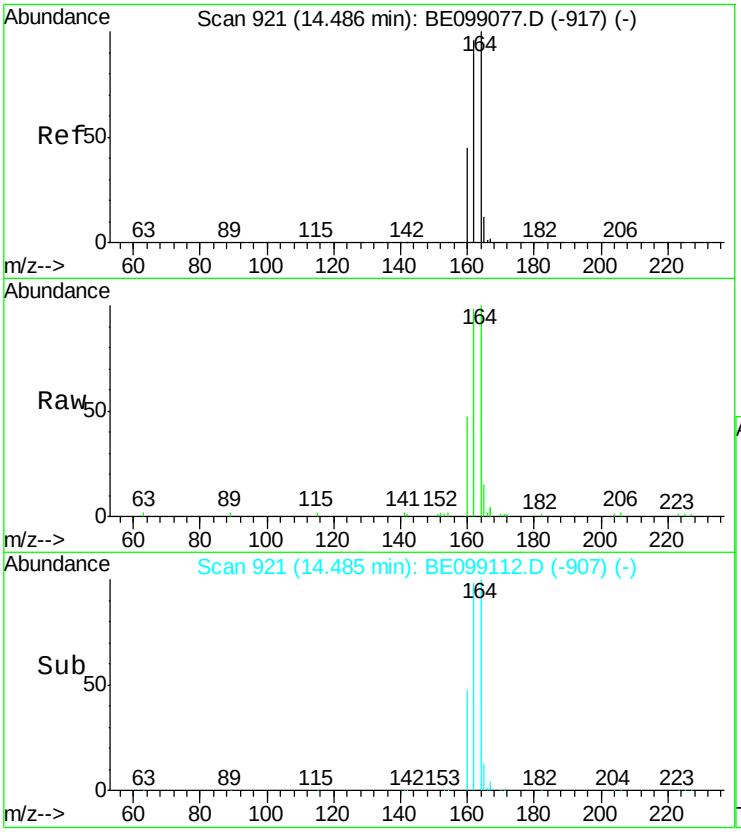


#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:152 Resp: 8242

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7



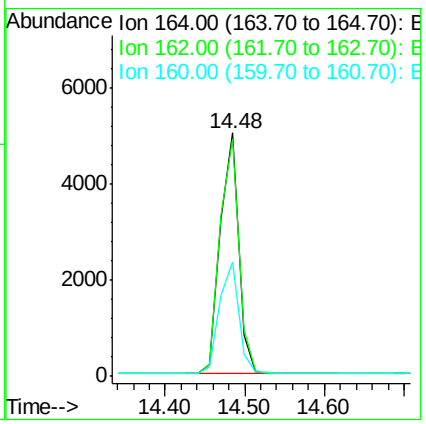


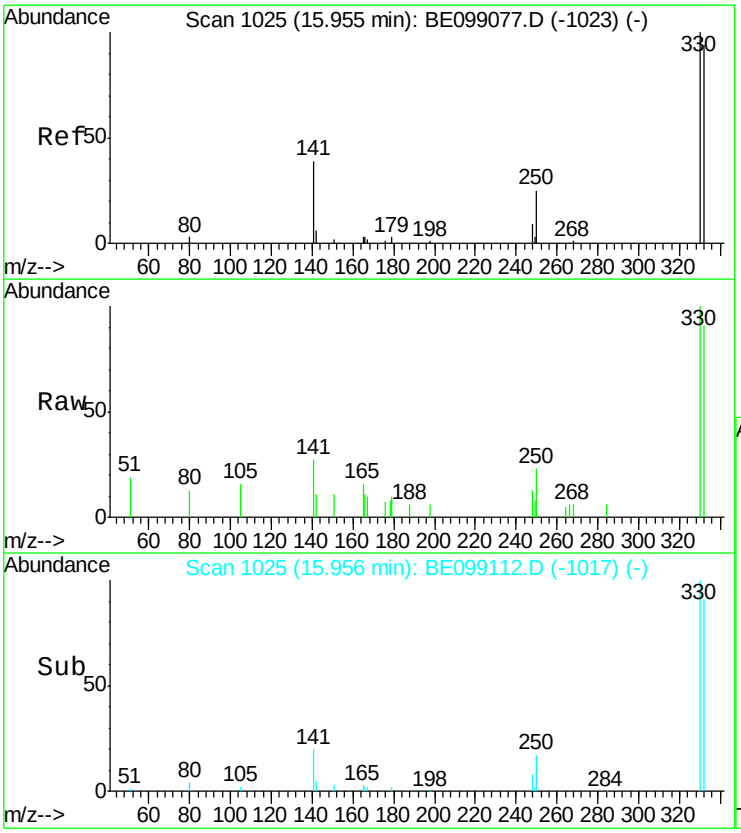
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:164 Resp: 8009

Ion	Ratio	Lower	Upper
164	100		
162	97.5	80.2	120.2
160	47.2	37.8	56.8

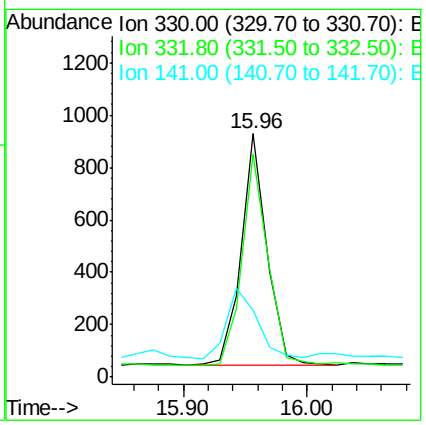


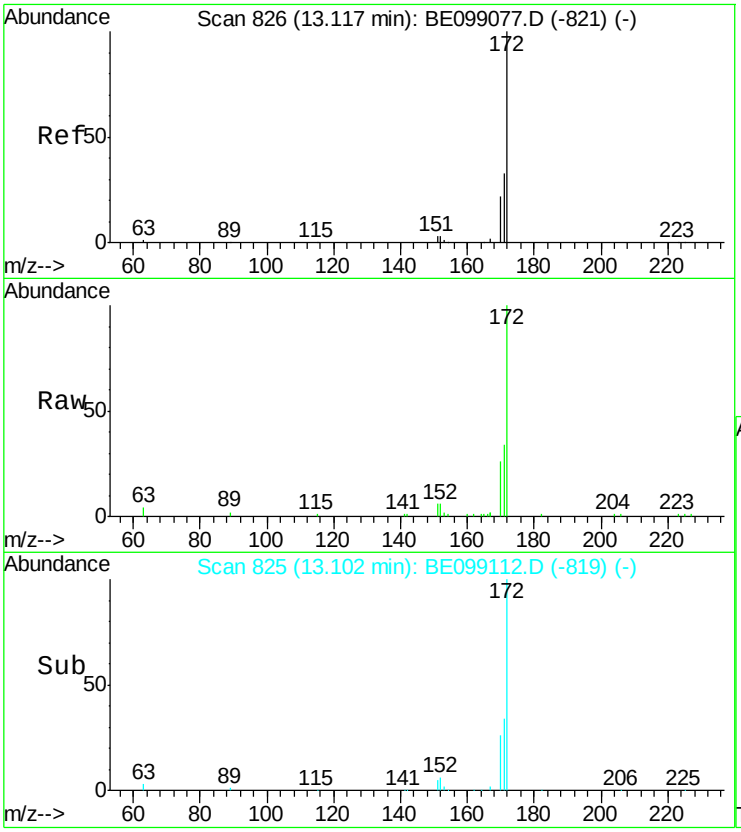


#14
2,4,6-Tribromophenol
Concen: 0.534 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:330 Resp: 1257

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.6	116.4
141	35.7	31.0	46.4



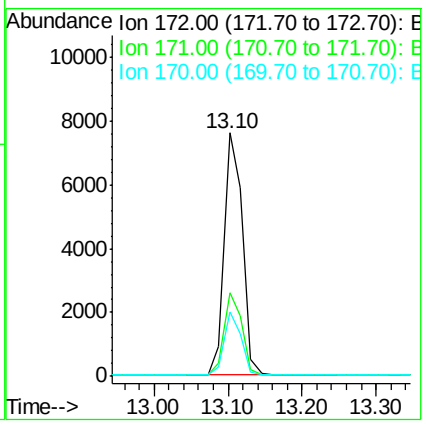


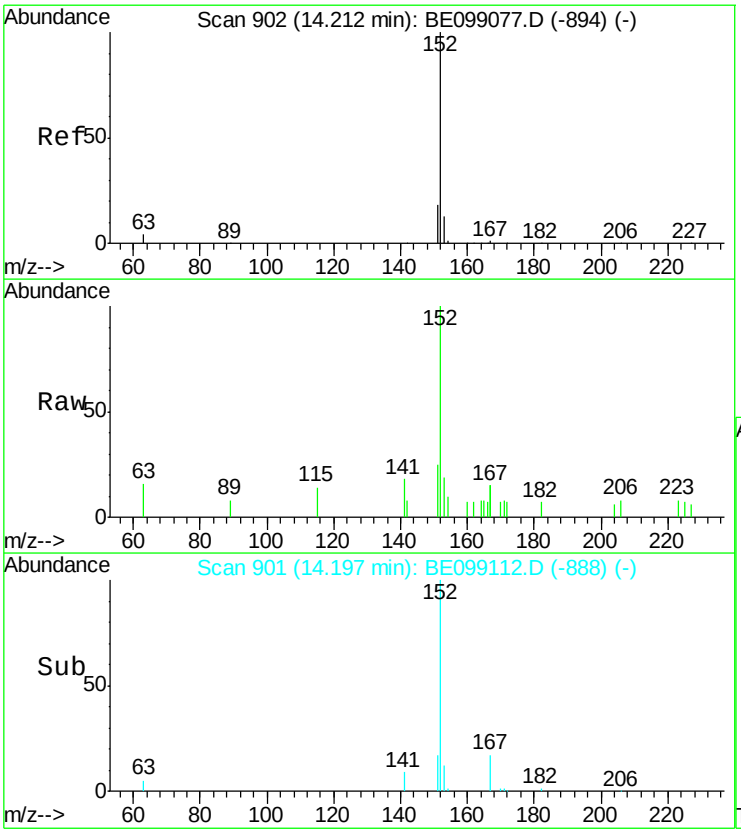
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:172 Resp: 12900

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	26.3	17.7	26.5

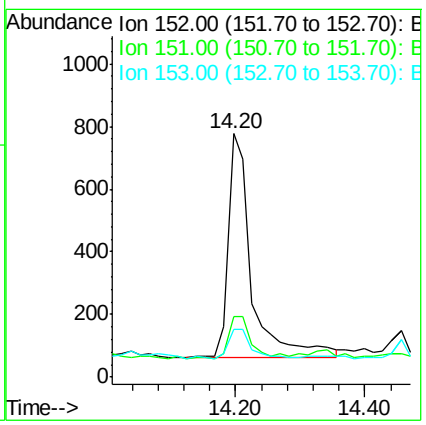


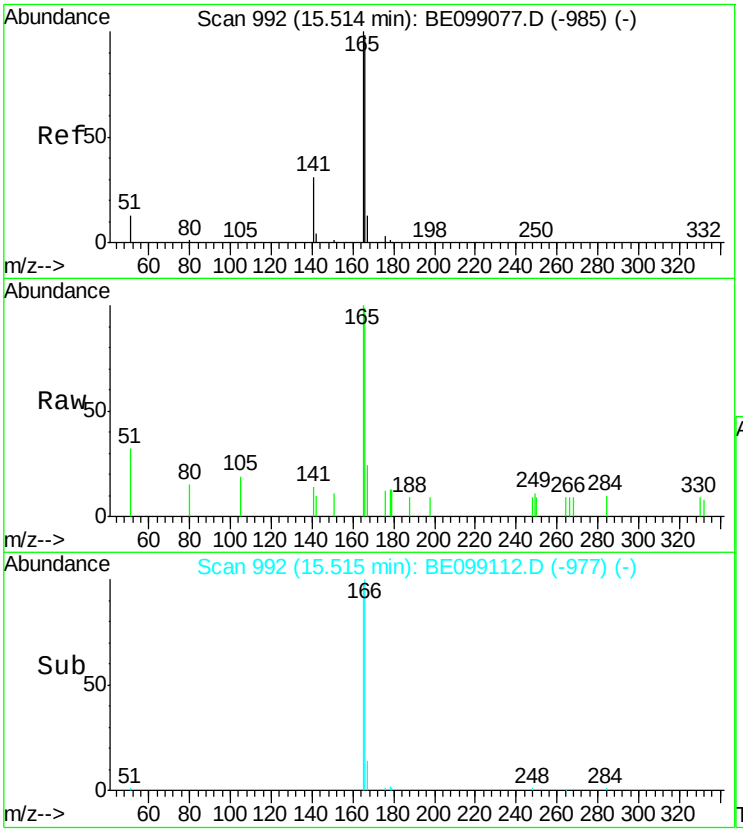


#16
Acenaphthylene
Concen: 0.042 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:152 Resp: 1785

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.6
153	12.0	11.2	16.8



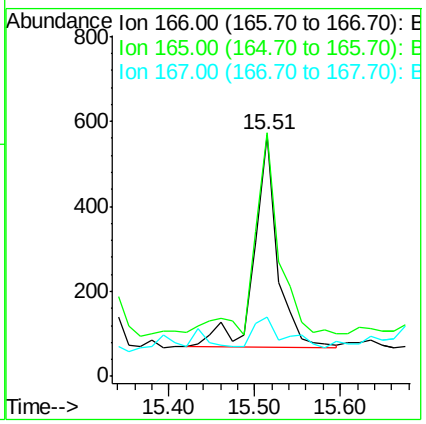


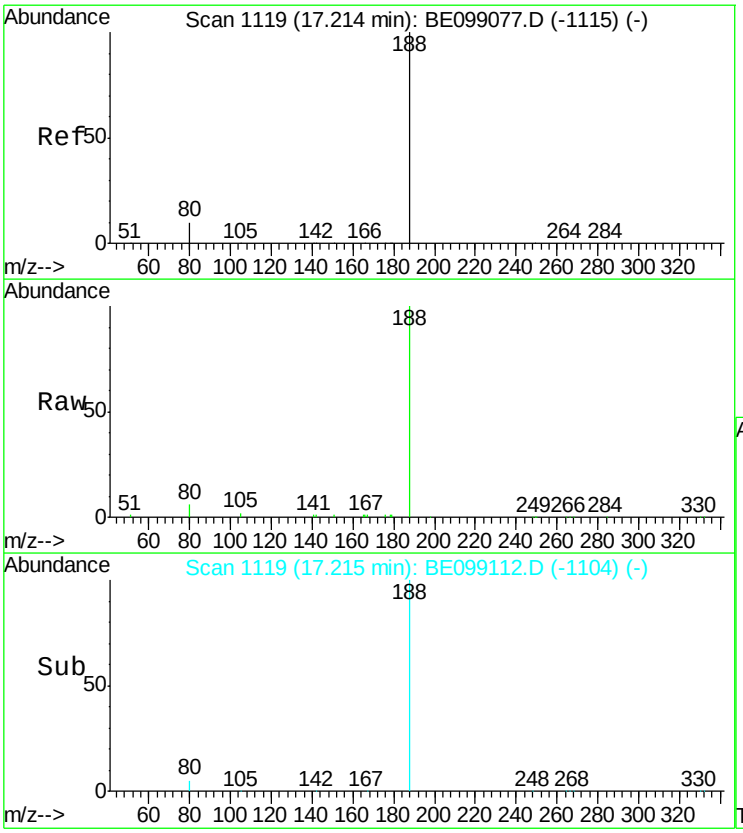
#18
Fluorene
Concen: 0.025 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:166 Resp: 933

Ion	Ratio	Lower	Upper
166	100		
165	88.7	79.3	118.9
167	20.4	10.5	15.7#

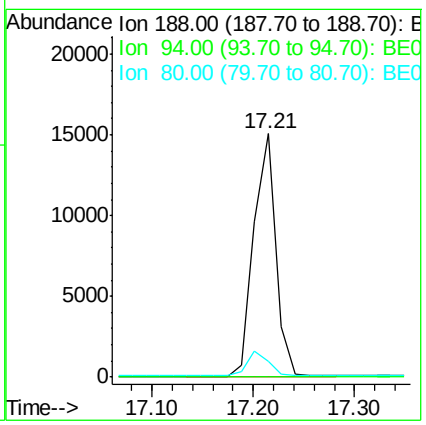


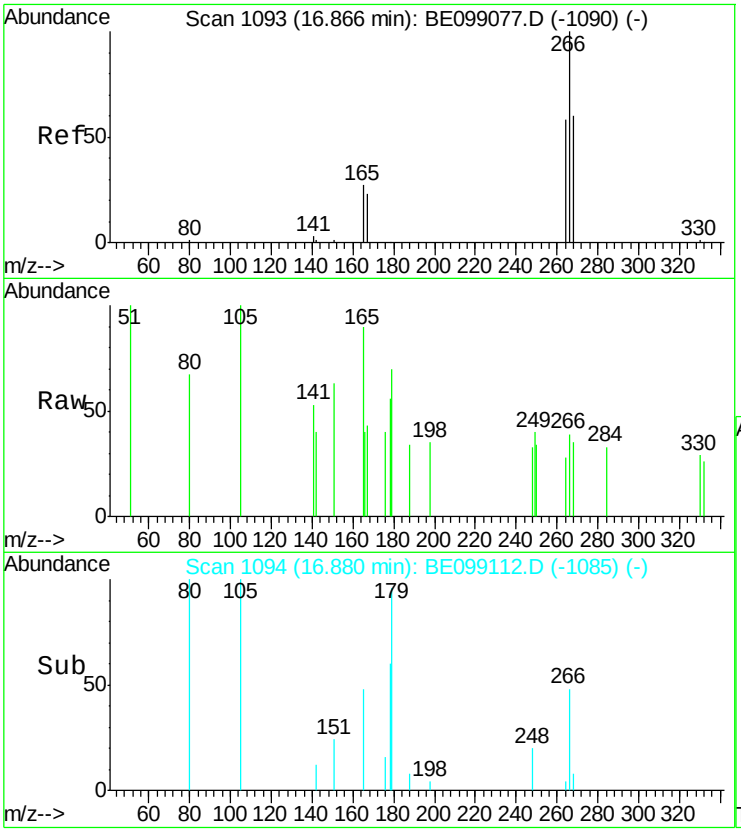


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:188 Resp: 22985

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



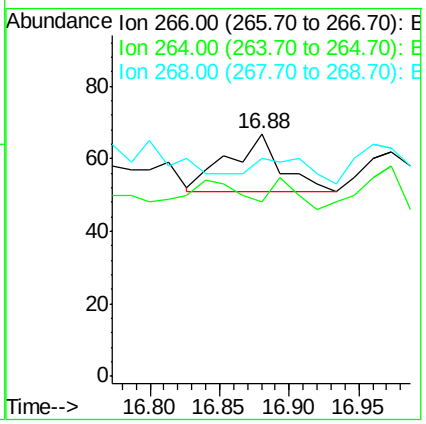


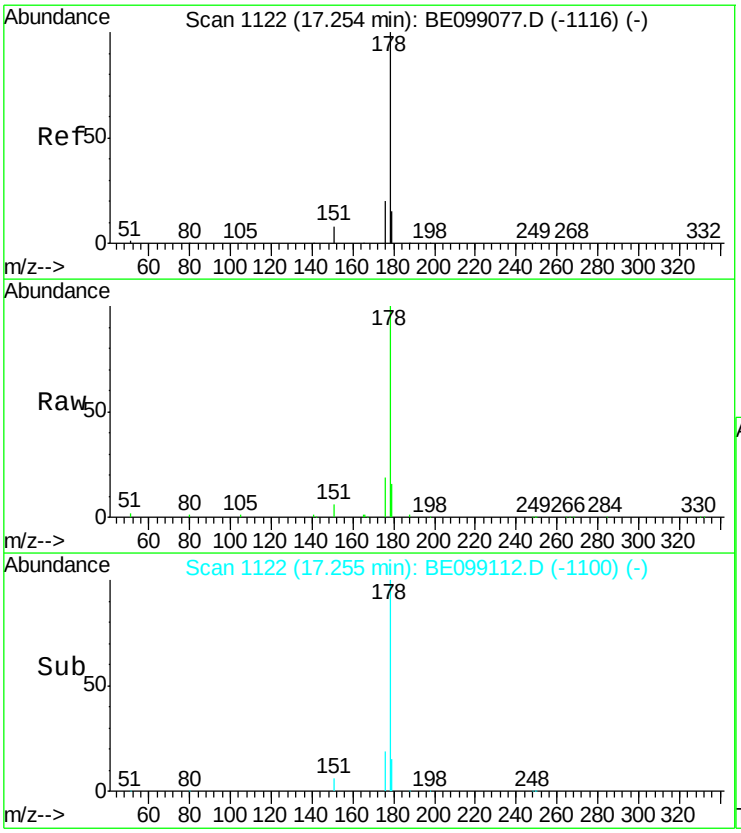
#22
Pentachlorophenol
Concen: 0.260 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:266 Resp: 42

Ion	Ratio	Lower	Upper
266	100		
264	71.6	66.6	100.0
268	89.6	69.8	104.8

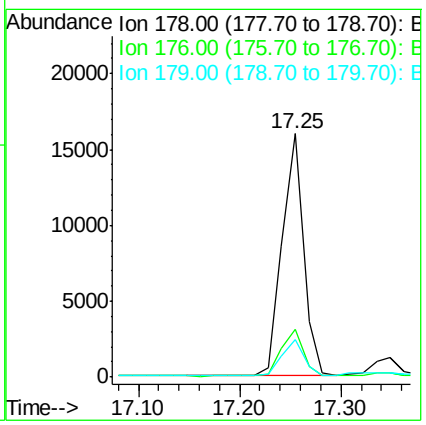


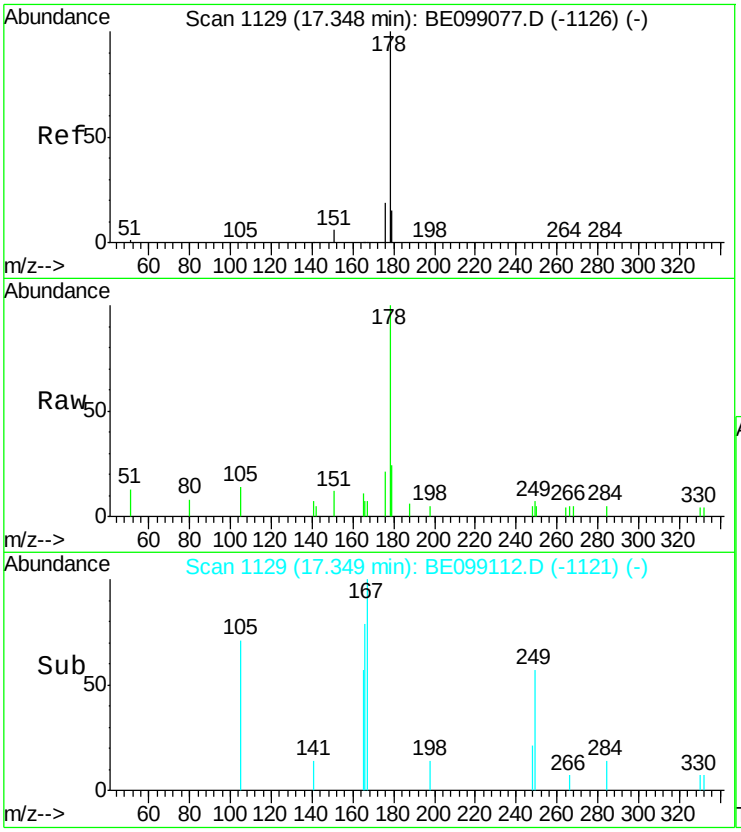


#23
Phenanthrene
Concen: 0.341 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:178 Resp: 23249

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.5	12.1	18.1



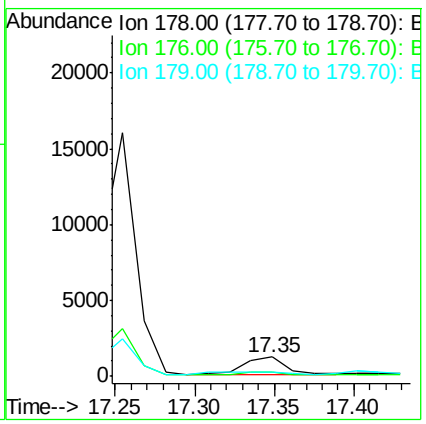


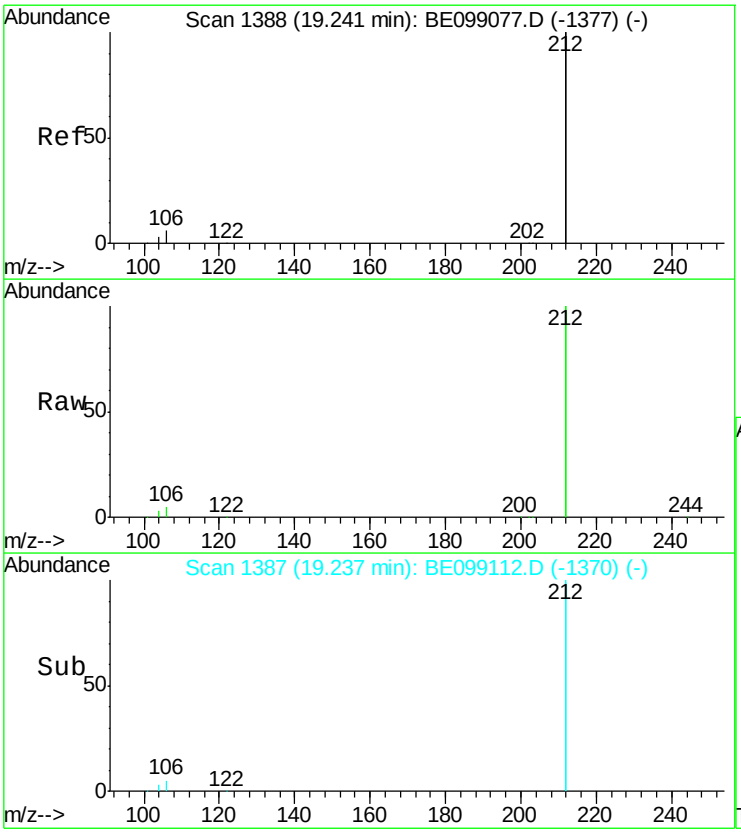
#24
Anthracene
Concen: 0.031 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:178 Resp: 1998

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	24.3	12.2	18.4#

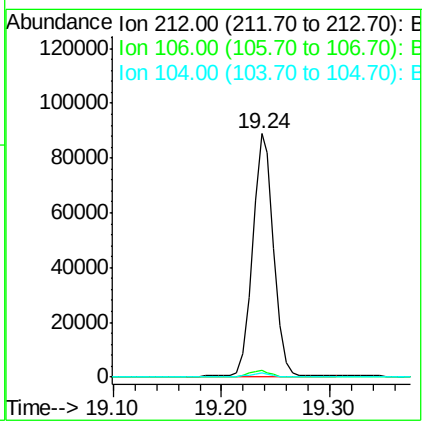


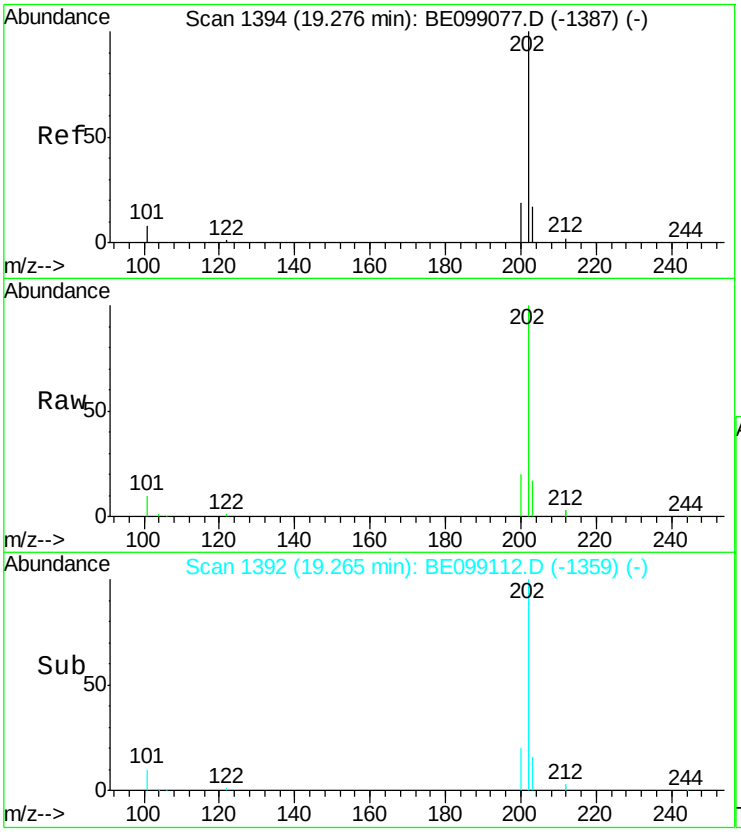


#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:212 Resp: 119489

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.4	1.0	1.6



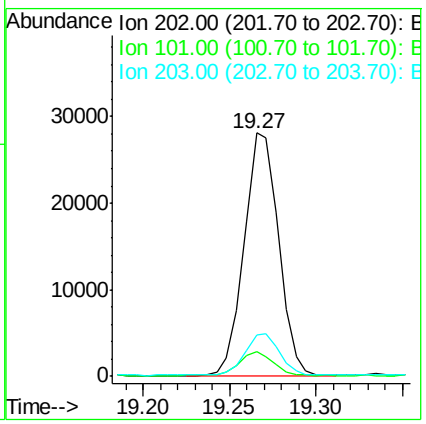


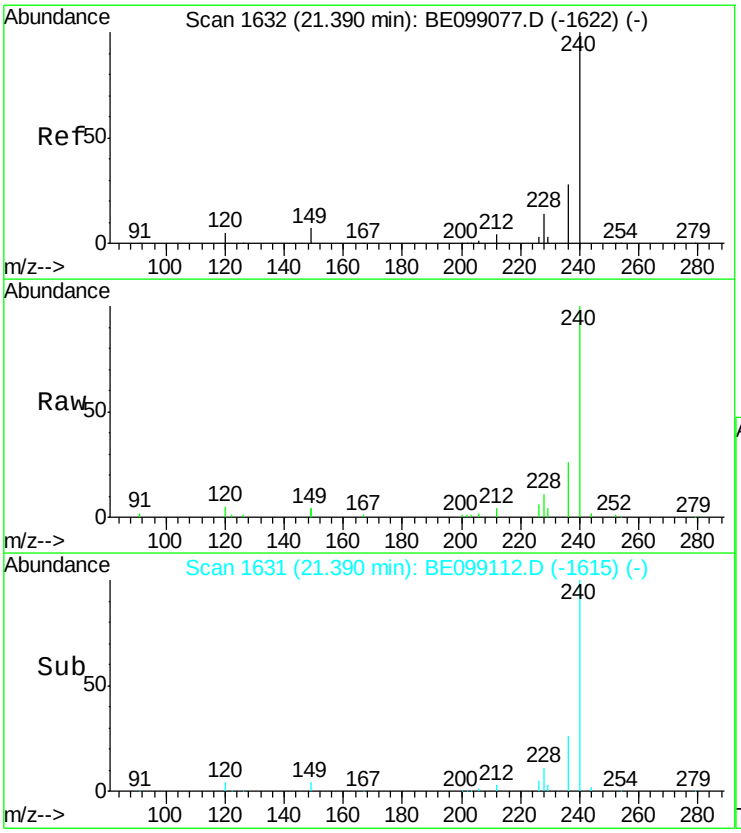
#26
Fluoranthene
Concen: 0.405 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:202 Resp: 38865

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.3	10.9
203	17.2	13.4	20.2

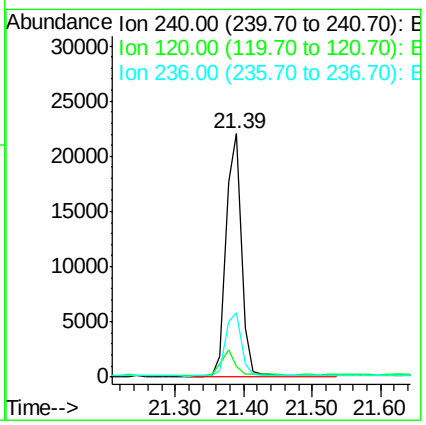


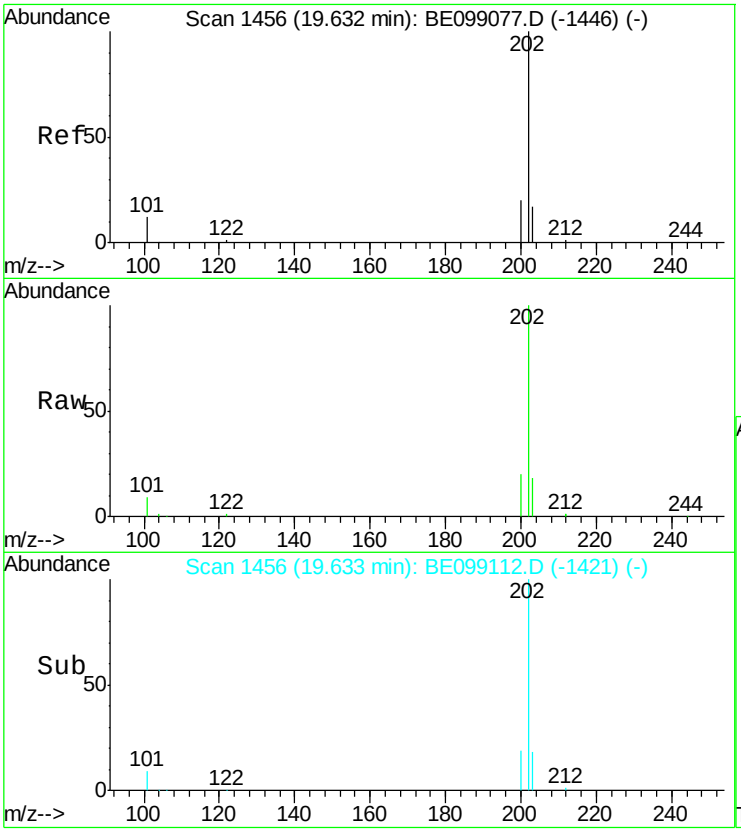


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:240 Resp: 34068

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.0	7.4#
236	26.4	22.7	34.1



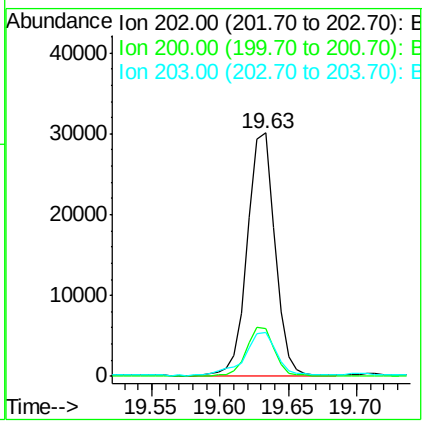


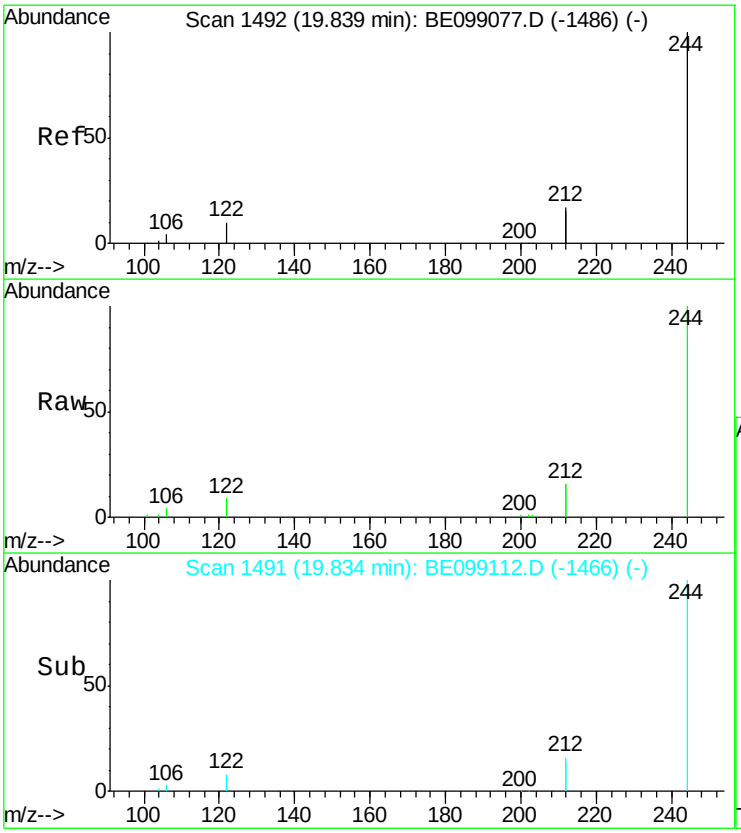
#28
Pyrene
Concen: 0.358 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:202 Resp: 41414

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	20.4	14.2	21.2

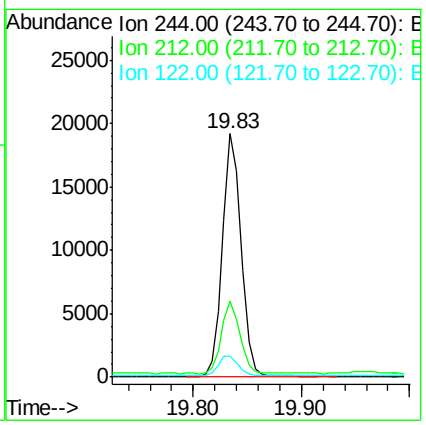


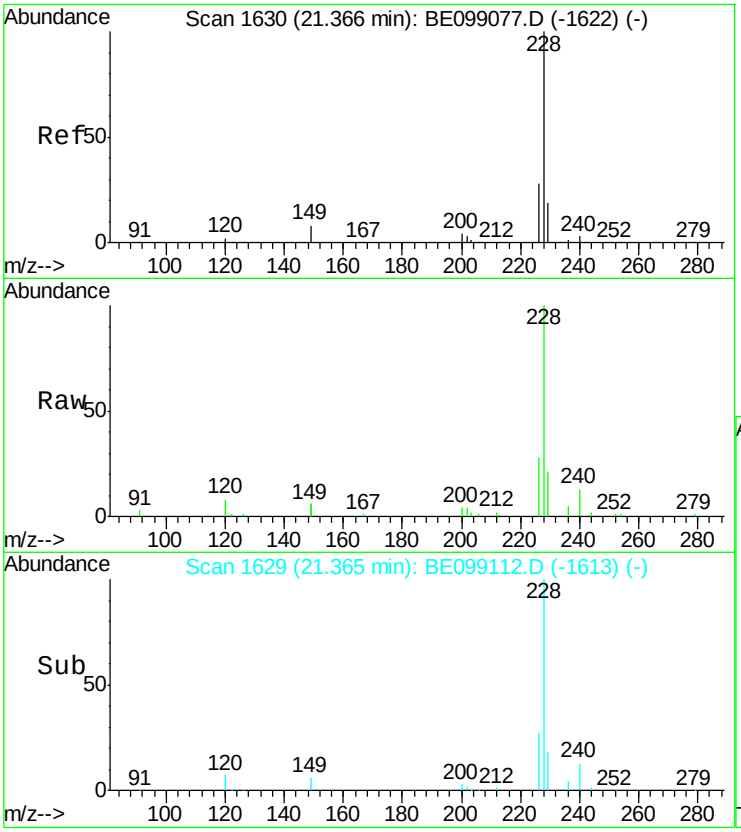


#29
Terphenyl-d14
Concen: 0.318 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:244 Resp: 22890

Ion	Ratio	Lower	Upper
244	100		
212	31.2	29.4	44.2
122	8.6	7.1	10.7



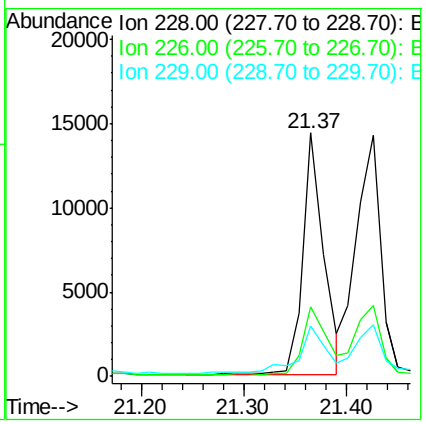


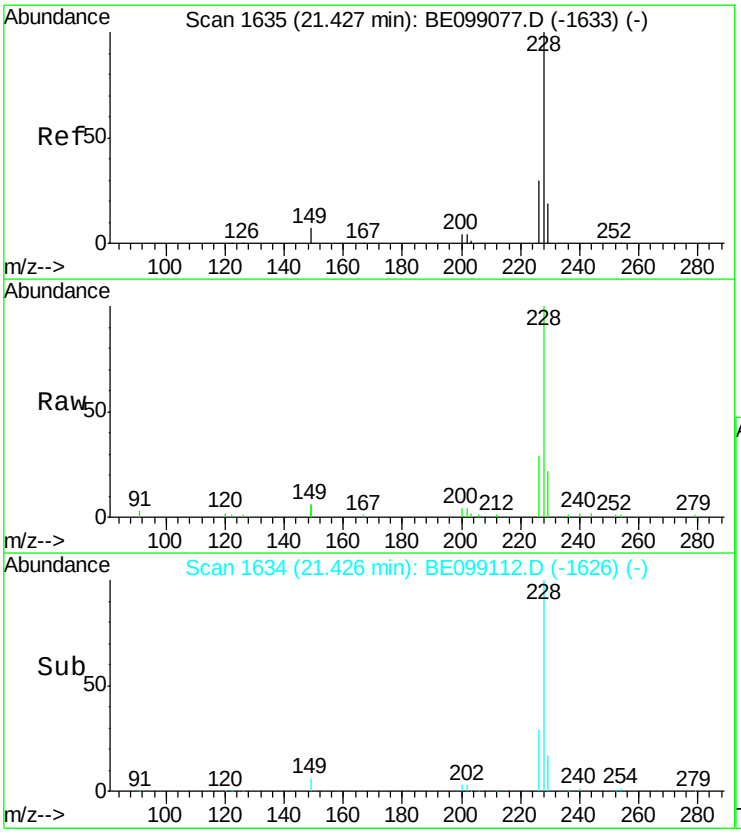
#30
Benzo(a)anthracene
Concen: 0.170 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:228 Resp: 20441

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.8	16.5	24.7

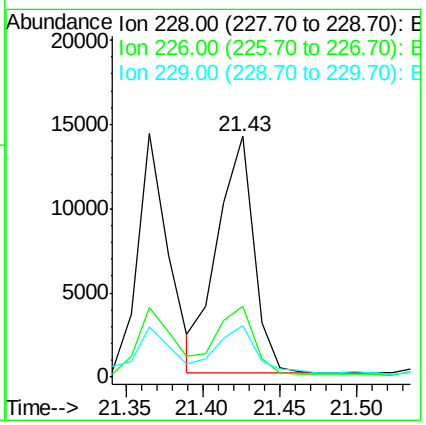


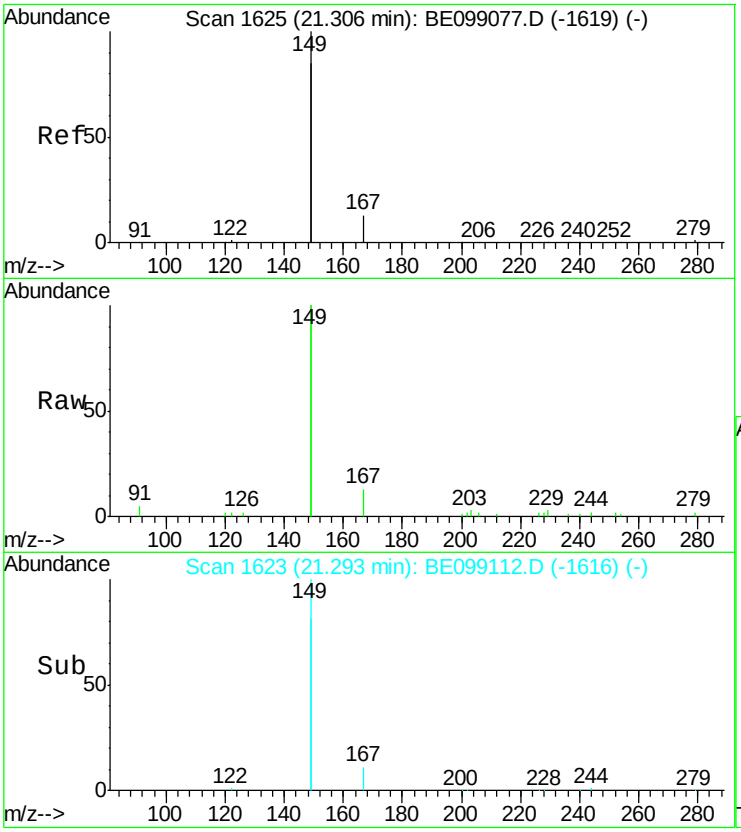


#31
Chrysene
Concen: 0.192 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:228 Resp: 23016

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	21.7	16.1	24.1



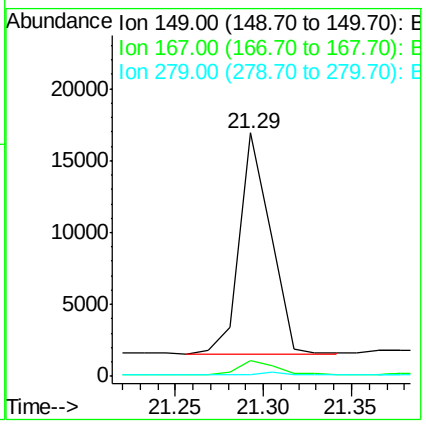


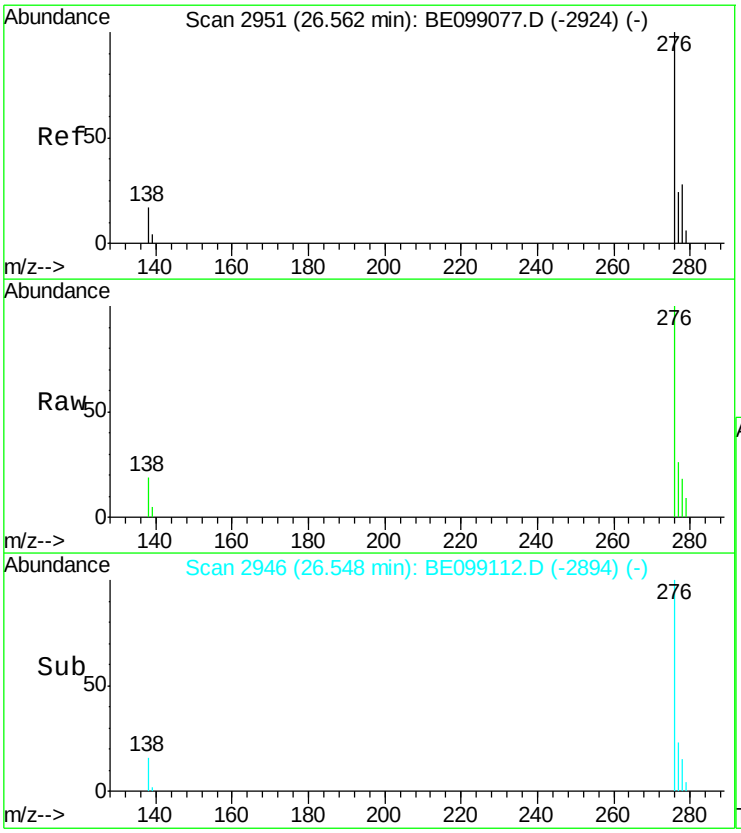
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:149 Resp: 18779

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.0
279	1.2	1.0	1.4

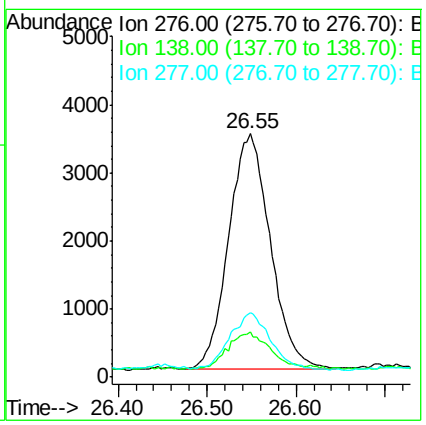


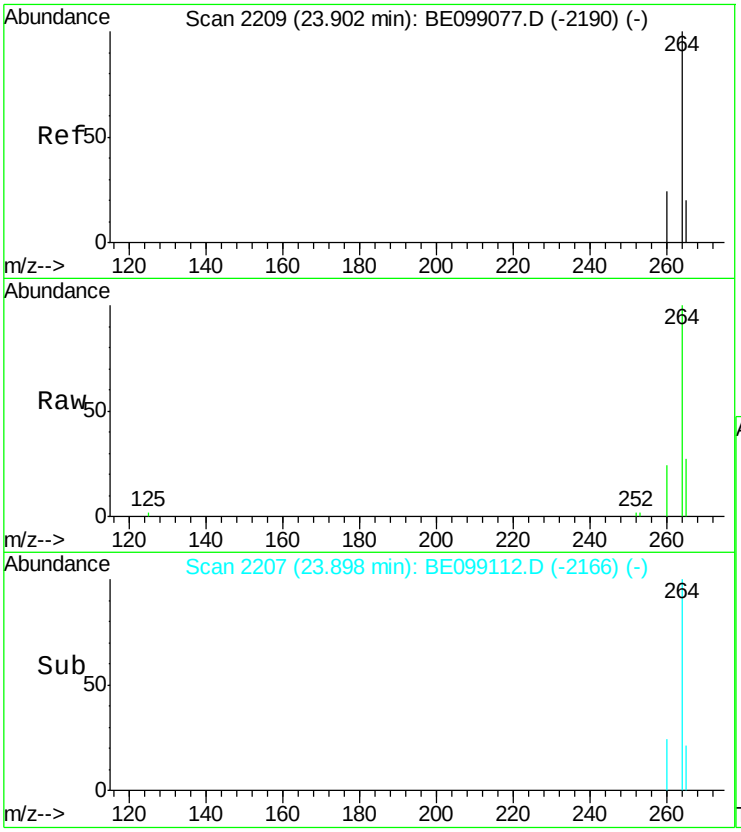


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:276 Resp: 11187

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.8	20.8
277	23.1	19.5	29.3



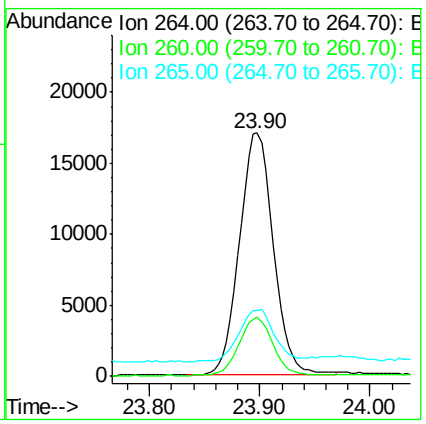


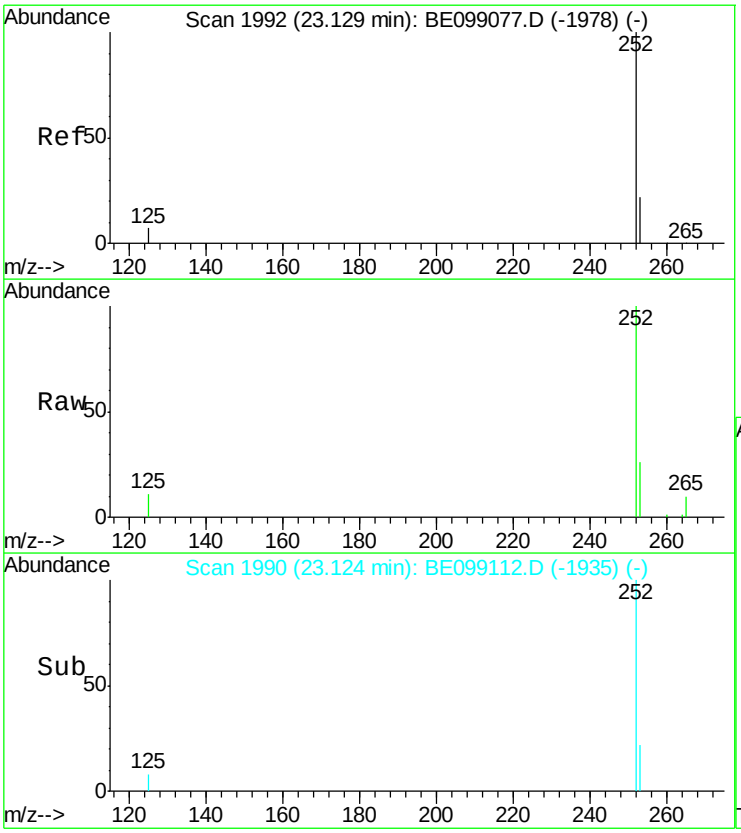
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:264 Resp: 36246

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.2	31.8
265	27.0	24.6	36.8

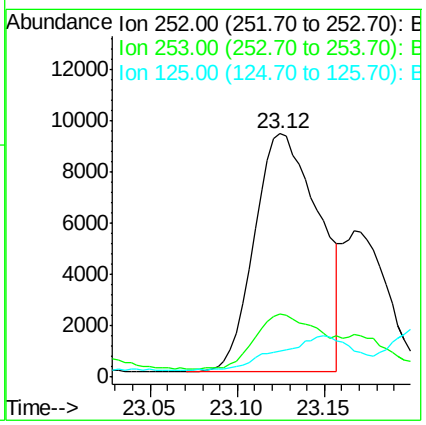


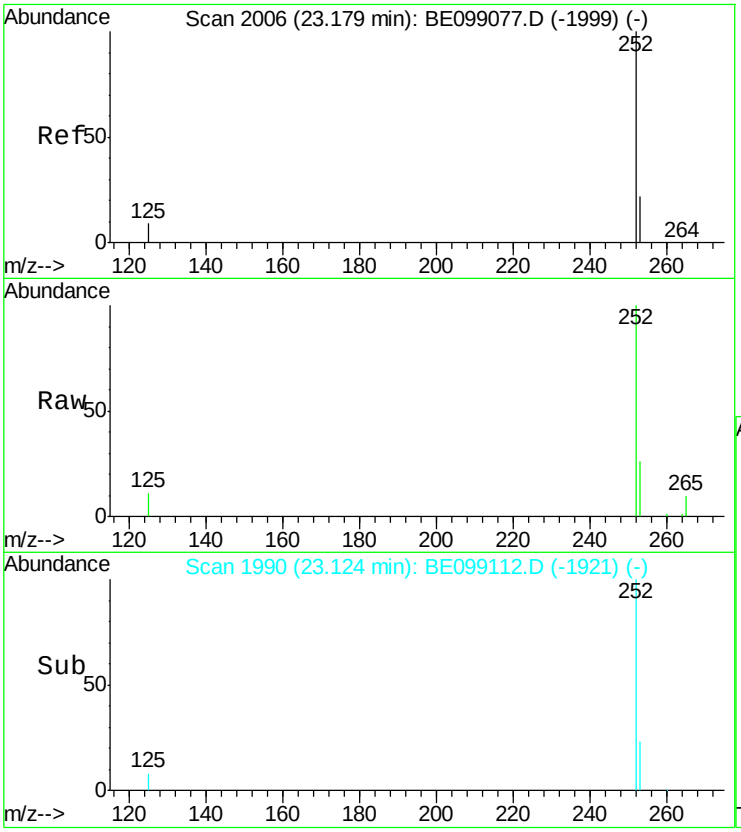


#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:252 Resp: 23908

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.2
125	10.7	7.3	10.9



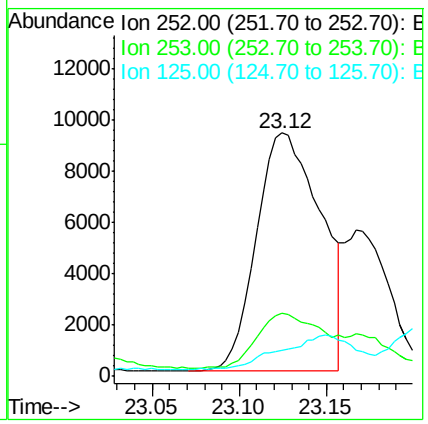


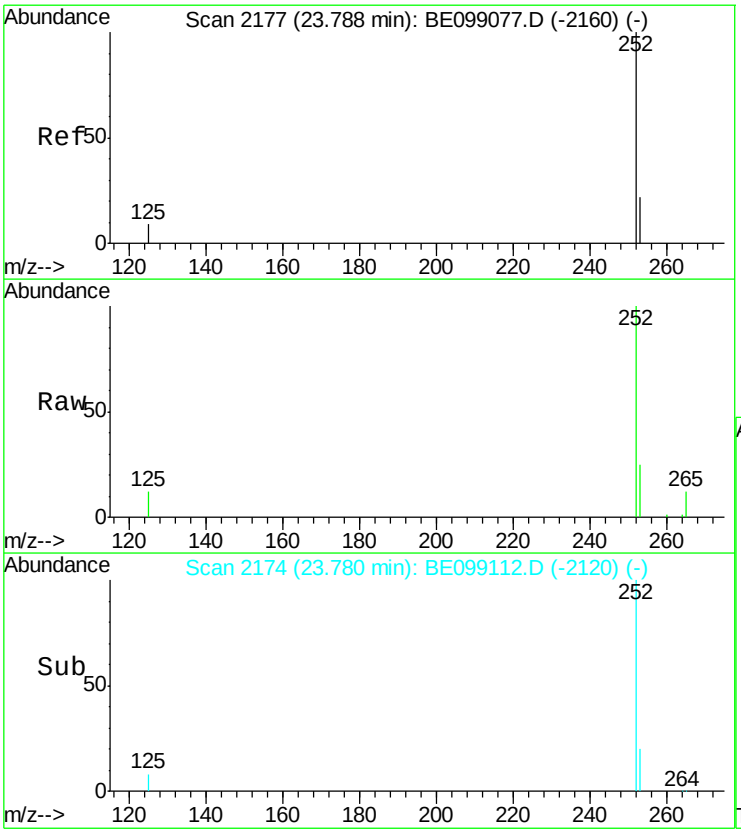
#36
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.05 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:252 Resp: 23908

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.3	28.9
125	10.7	7.5	11.3

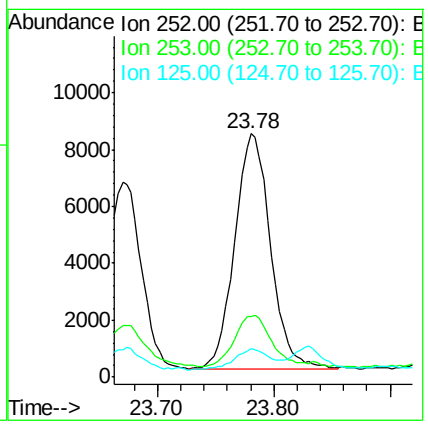


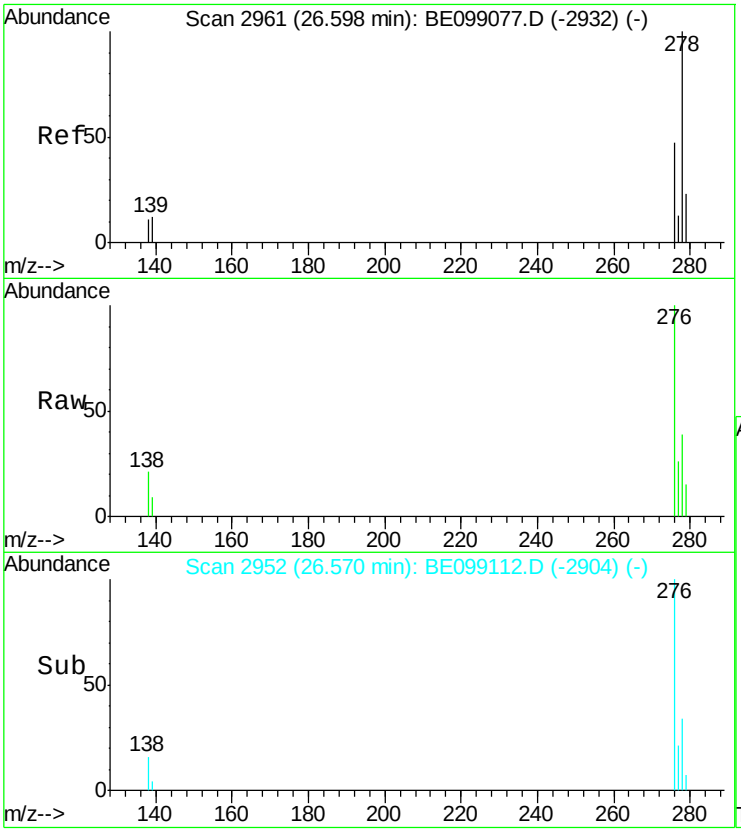


#37
Benzo(a)pyrene
Concen: 0.153 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:252 Resp: 17713

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.9	29.9
125	11.7	9.0	13.4



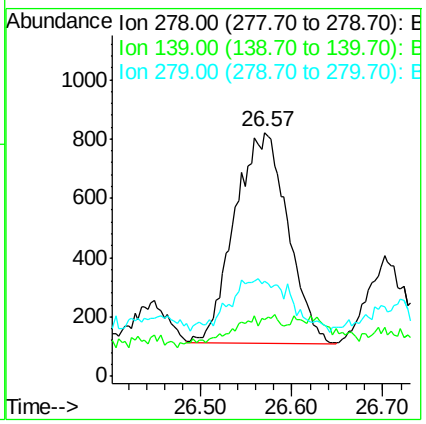


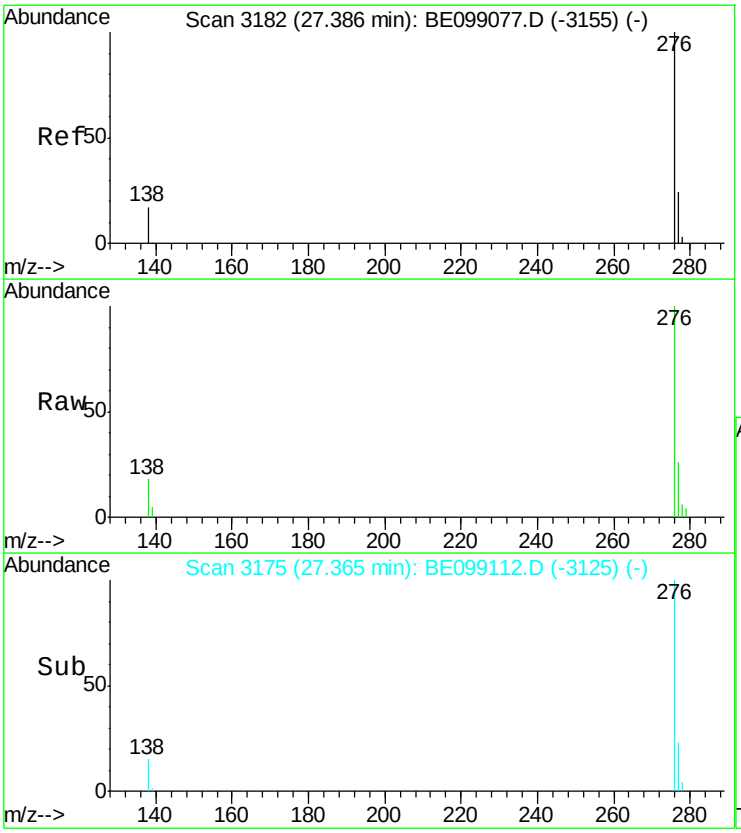
#38
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Instrument :
BNA_E
ClientSampleId :
PST-026-SW040-031919

Tgt Ion:278 Resp: 2891

Ion	Ratio	Lower	Upper
278	100		
139	23.5	11.8	17.6#
279	38.9	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.105 ng
RT: 27.37 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BE099112.D
Acq: 23 Mar 2019 15:09

Tgt Ion:276 Resp: 12207

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.4	30.6
138	17.8	13.6	20.4