Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099518.D
Acq On : 3 May 2019 6:44
Operator : JU/SJ
Sample : K2589-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B188-042419

Quant Time: May 03 07:51:29 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	2523	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9219	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7028	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	21662	0.40	ng		0.00
27) Chrysene-d12	21.37	240	27613	0.40	ng		0.00
34) Perylene-d12	23.87	264	31359	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	2479	0.36	ng		0.00
5) Phenol-d6	6.97	99	3644	0.39	ng		0.00
8) Nitrobenzene-d5	8.97	82	3167	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	5528	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1828	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	8085	0.30	ng		-0.01
25) Fluoranthene-d10	19.22	212	84044	0.29	ng		0.00
29) Terphenyl-d14	19.82	244	17682	0.35	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	88477	0.881	ng		100
12) 2-Methylnaphthalene	12.27	142	12010	0.687	ng		98
16) Acenaphthylene	14.18	152	9960	0.290	ng	#	92
17) Acenaphthene	14.51	154	35533	1.809	ng		100
18) Fluorene	15.49	166	47502	1.639	ng		97
22) Pentachlorophenol	16.85	266	120	0.233	ng	#	79
23) Phenanthrene	17.24	178	1000011	17.890	ng		99
24) Anthracene	17.32	178	196875	3.695	ng	#	92
26) Fluoranthene	19.25	202	1242464	14.840	ng		99
28) Pyrene	19.62	202	1095920	15.226	ng	#	94
30) Benzo(a)anthracene	21.35	228	649263	7.380	ng		98
31) Chrysene	21.40	228	532490	6.185	ng		96
32) Bis(2-ethylhexyl)phthalate	21.27	149	20215	0.091	ng		98
33) Indeno(1,2,3-cd)pyrene	26.53	276	245549	2.413	ng	#	96
35) Benzo(b)fluoranthene	23.11	252	566276	6.262	ng	#	98
36) Benzo(k)fluoranthene	23.11	252	566276	6.494	ng		99
37) Benzo(a)pyrene	23.65	252	262363	3.069	ng		99
38) Dibenzo(a,h)anthracene	26.54	278	68415	0.782	ng		94
39) Benzo(g,h,i)perylene	27.34	276	226214	2.582	ng		98

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

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PST-001-B188-042419

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
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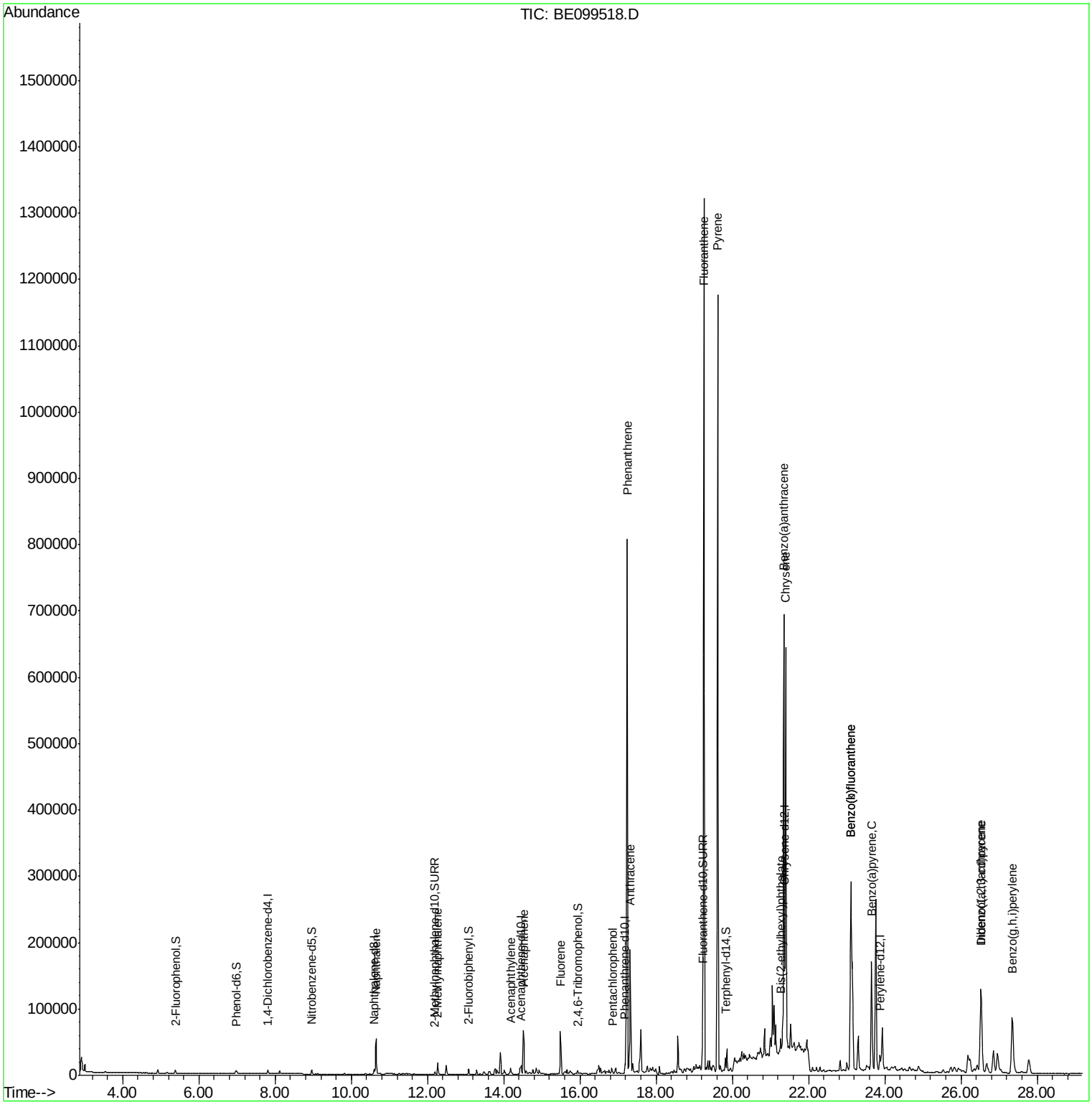
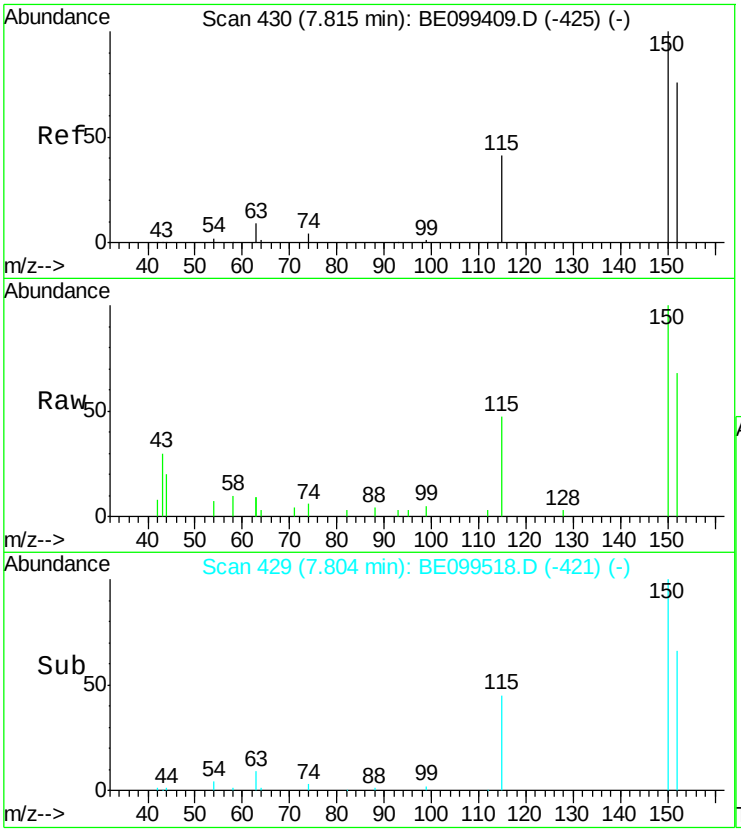


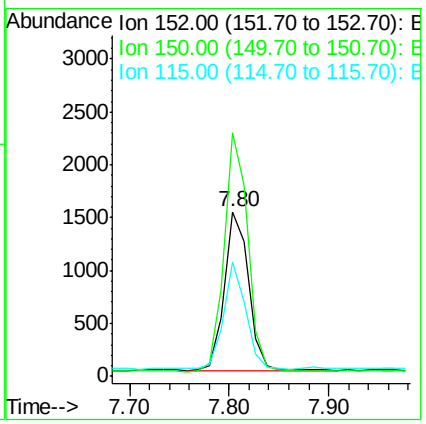


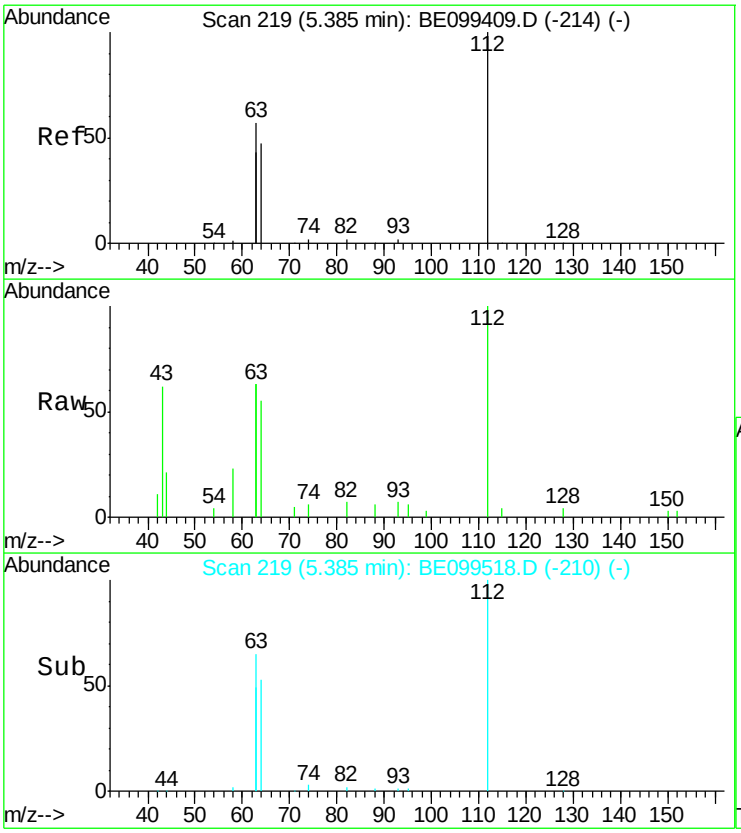
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:152 Resp: 2523

Ion	Ratio	Lower	Upper
152	100		
150	148.1	104.8	157.2
115	69.4	46.6	69.8

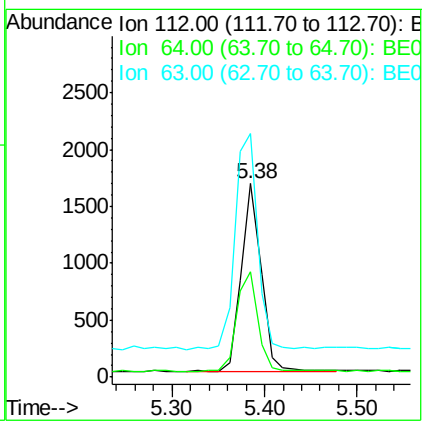


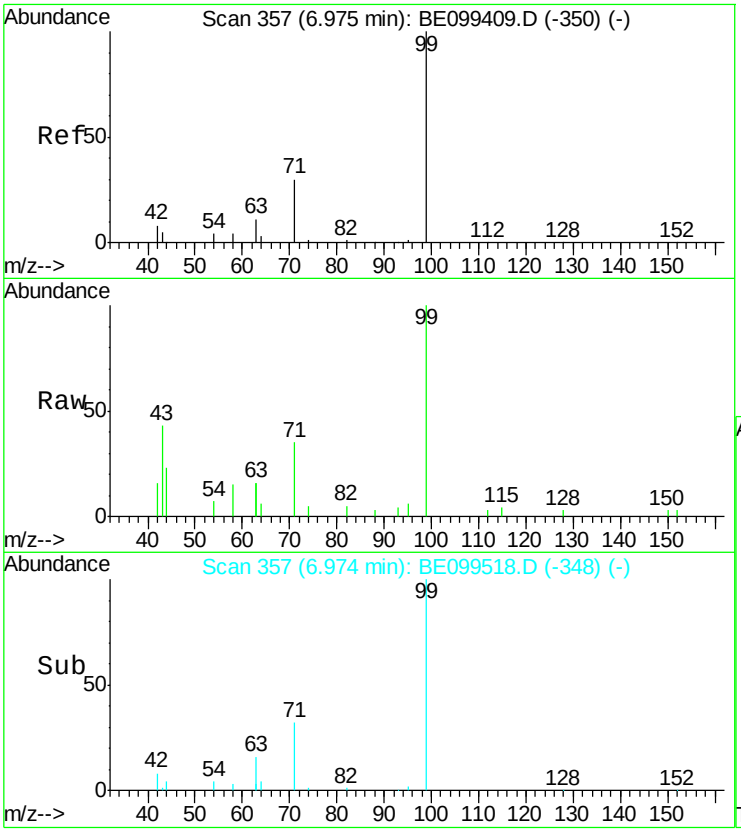


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:112 Resp: 2479

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.0
63	128.6	104.3	156.5



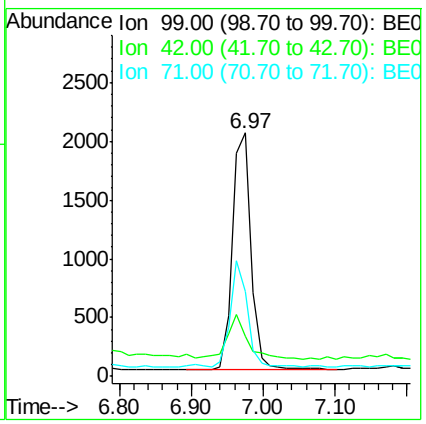


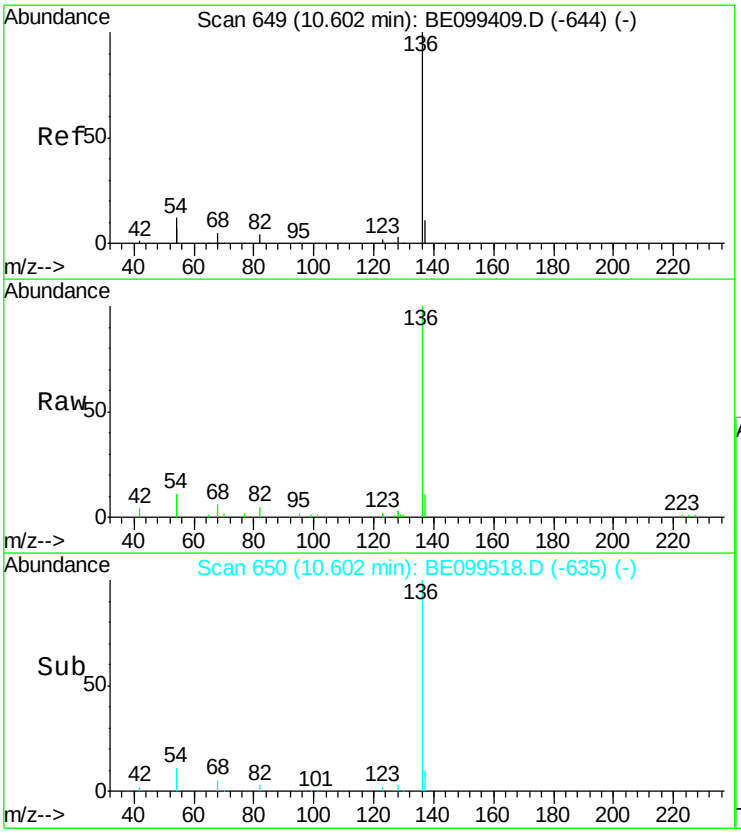
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion: 99 Resp: 3644

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.9	22.3
71	41.9	33.0	49.6

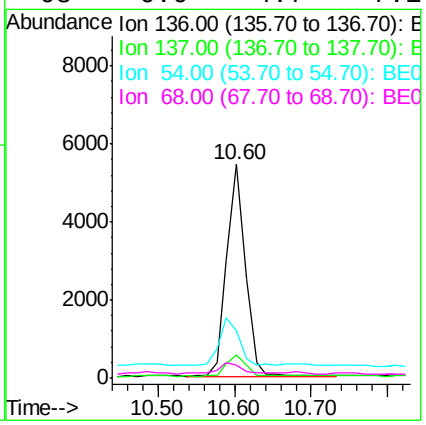


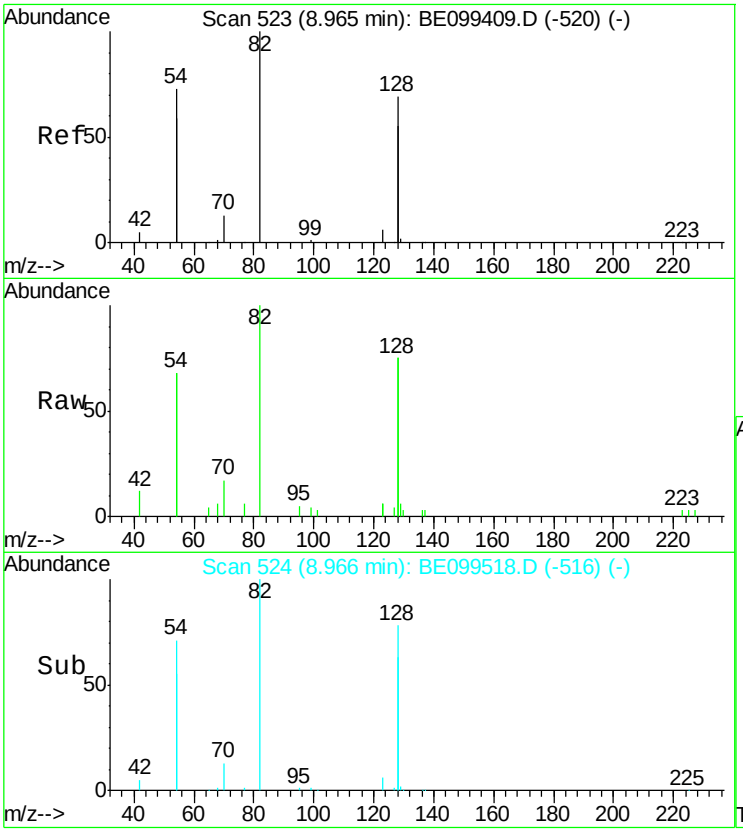


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:136 Resp: 9219

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.8
54	22.0	18.5	27.7
68	6.0	4.7	7.1



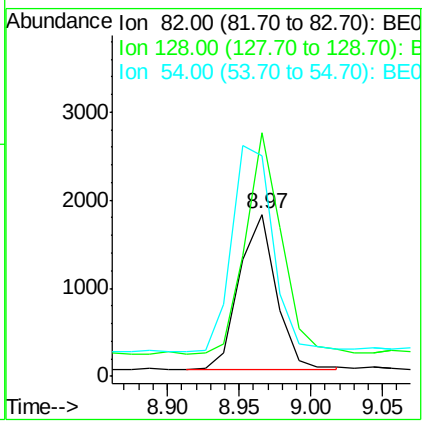


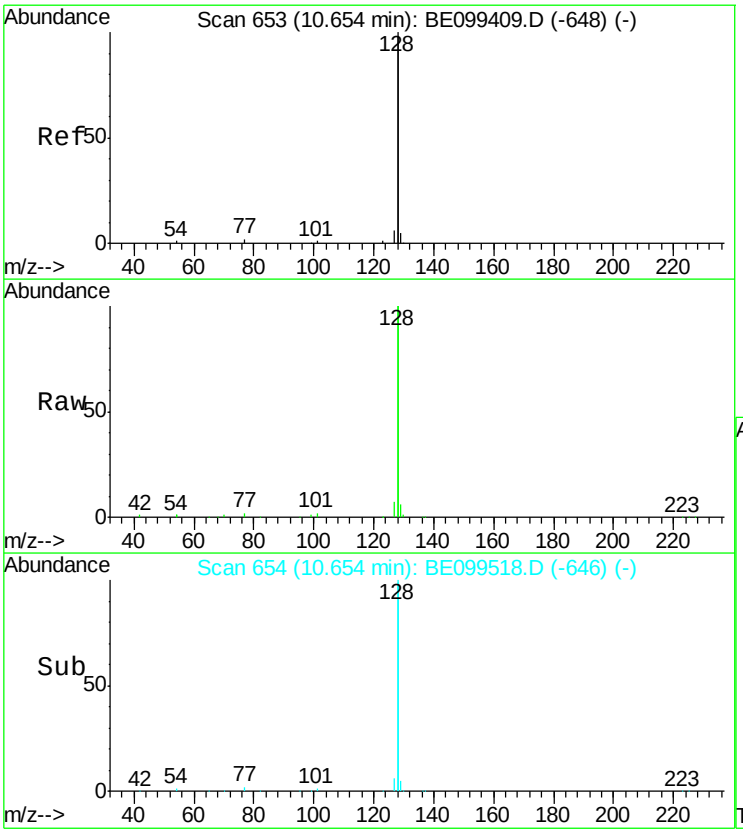
#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.97 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion: 82 Resp: 3167

Ion	Ratio	Lower	Upper
82	100		
128	150.1	107.0	160.4
54	136.0	113.1	169.7

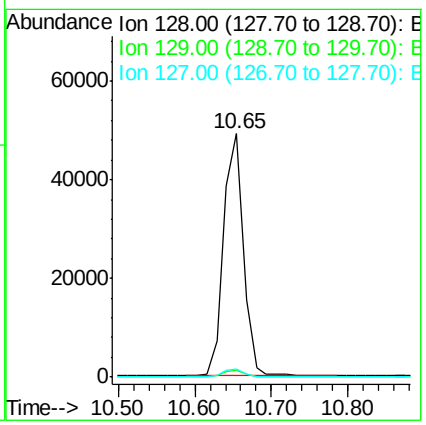


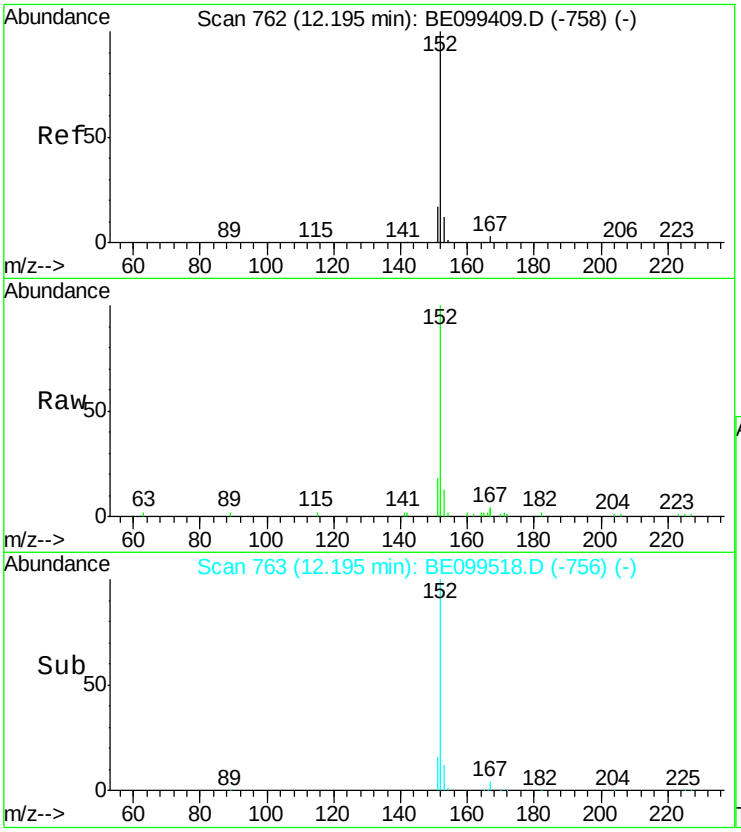


#9
Naphthalene
Concen: 0.881 ng
RT: 10.65 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:128 Resp: 88477

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.3	2.8	4.2



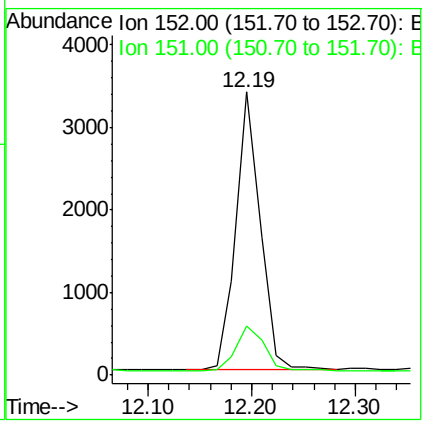


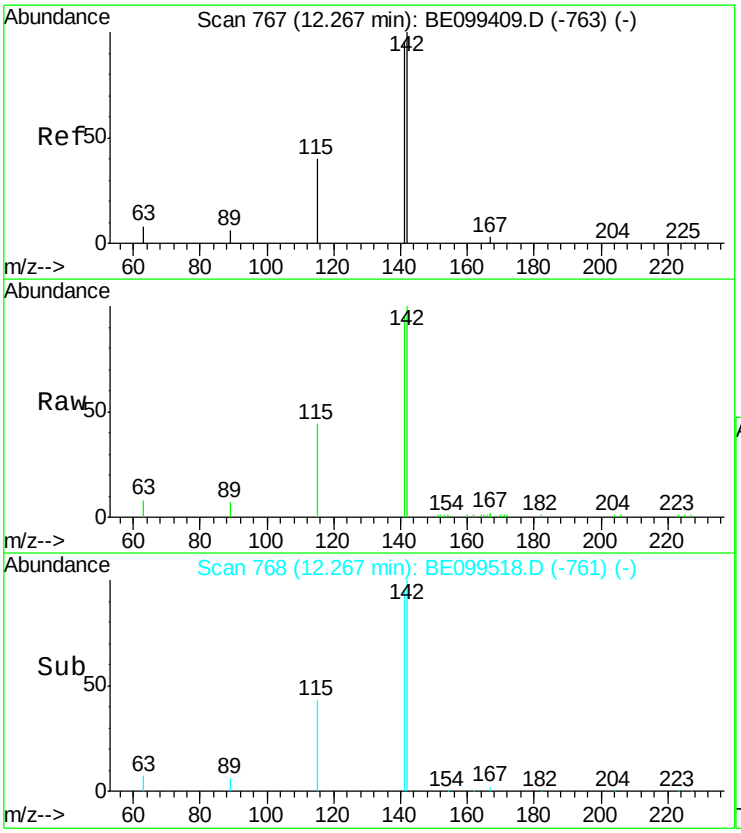
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.19 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:152 Resp: 5528

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

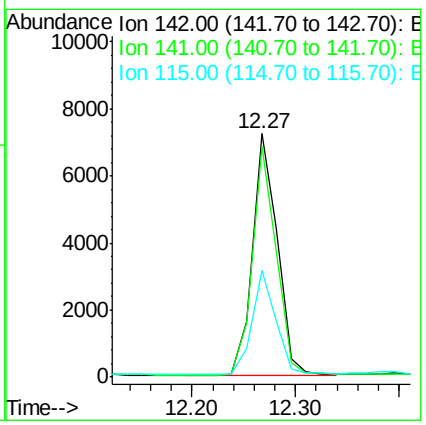


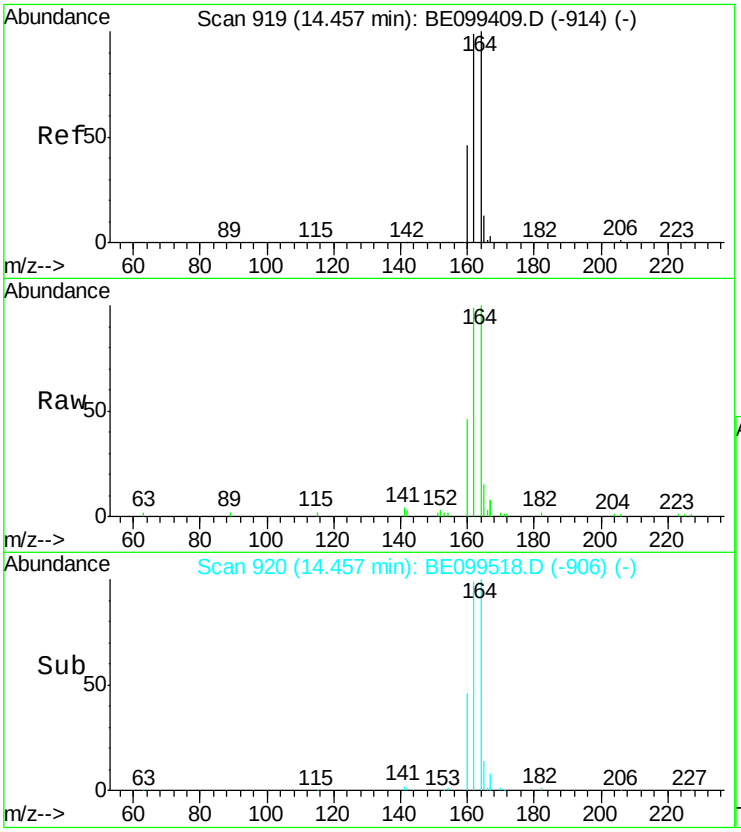


#12
2-Methylnaphthalene
Concen: 0.687 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:142 Resp: 12010

Ion	Ratio	Lower	Upper
142	100		
141	94.6	77.0	115.4
115	43.6	33.4	50.0



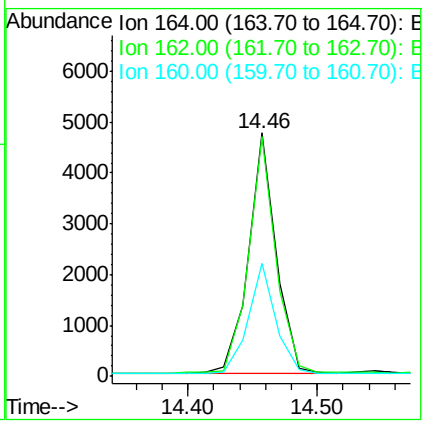


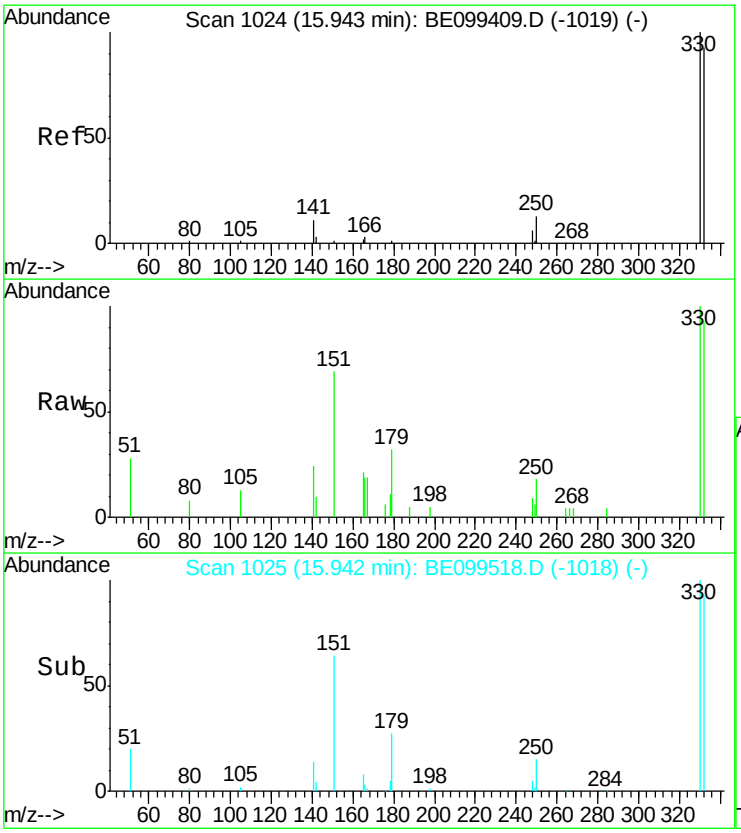
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:164 Resp: 7028

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.0	118.4
160	46.4	37.0	55.4

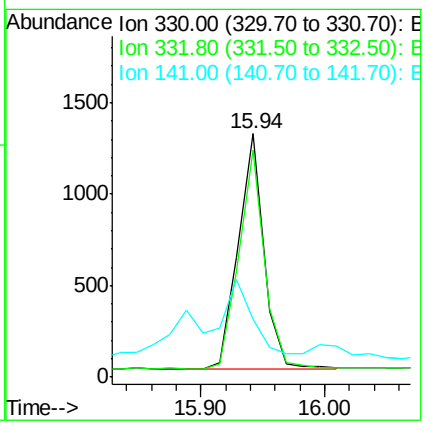


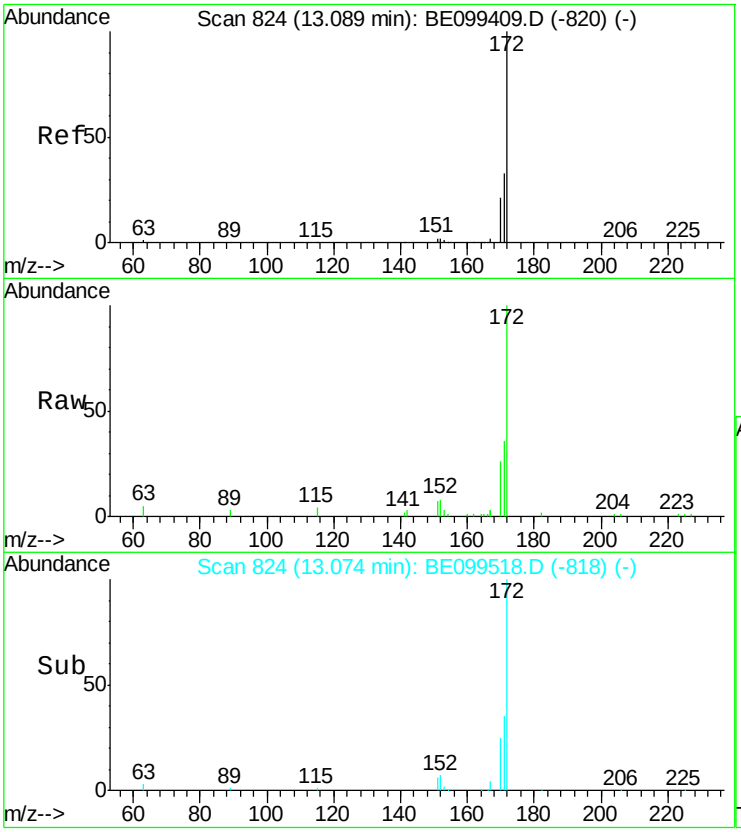


#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.94 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:330 Resp: 1828

Ion	Ratio	Lower	Upper
330	100		
332	94.1	71.5	107.3
141	50.1	24.0	36.0#



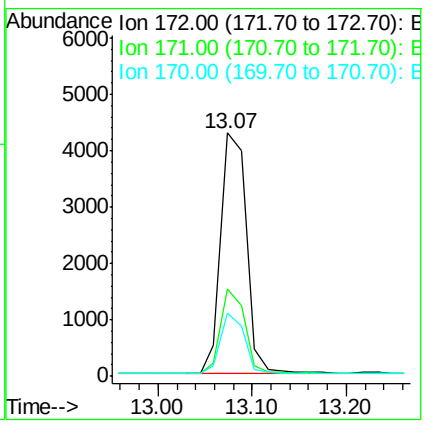


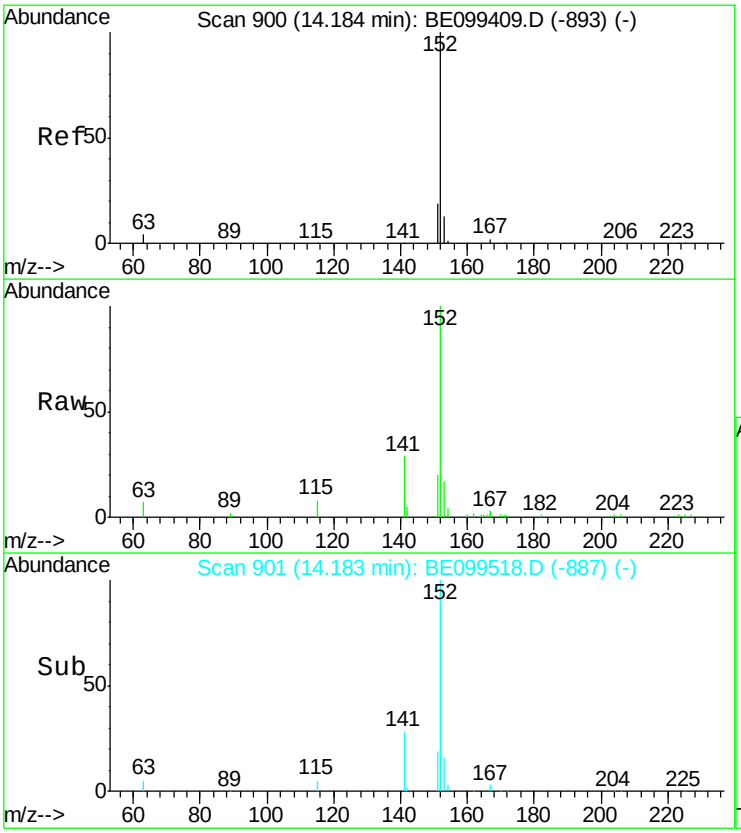
#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.07 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:172 Resp: 8085

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	26.0	17.0	25.6#

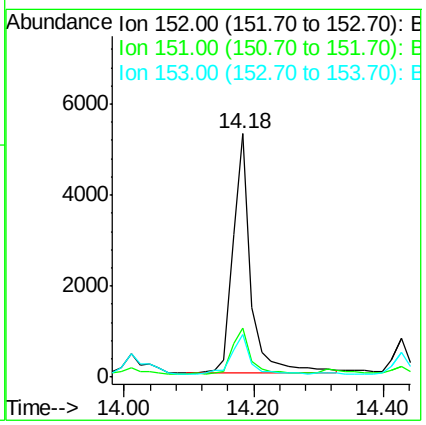


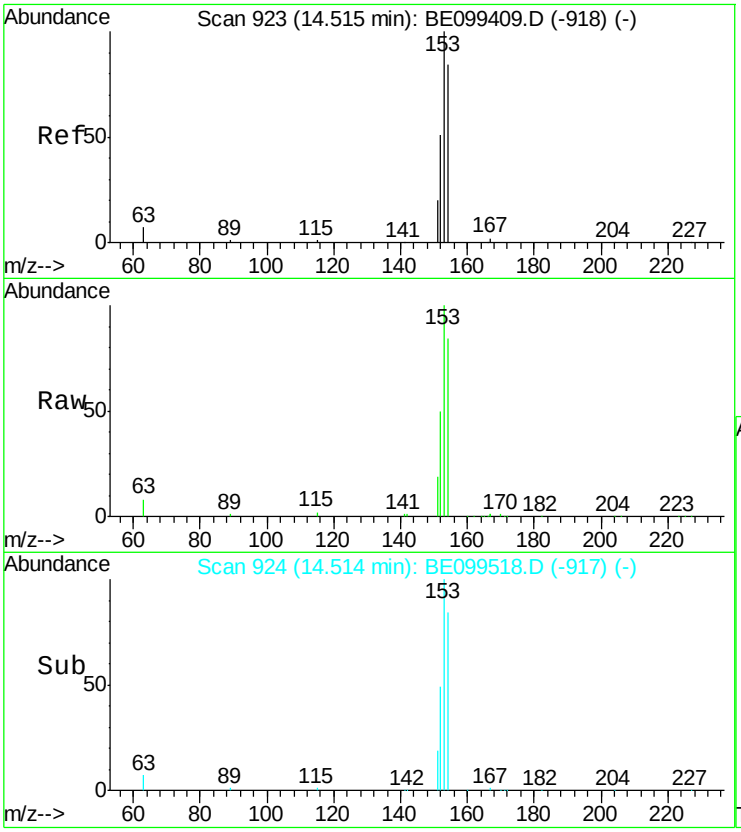


#16
Acenaphthylene
Concen: 0.290 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:152 Resp: 9960

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.4	23.2
153	17.8	9.8	14.6#



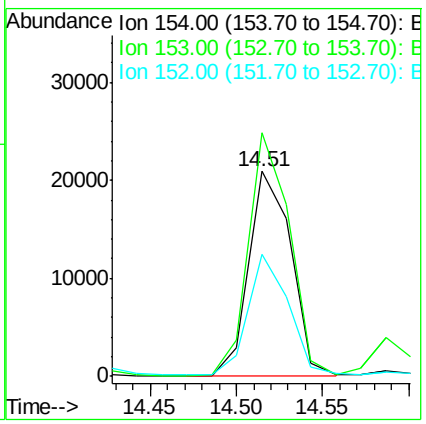


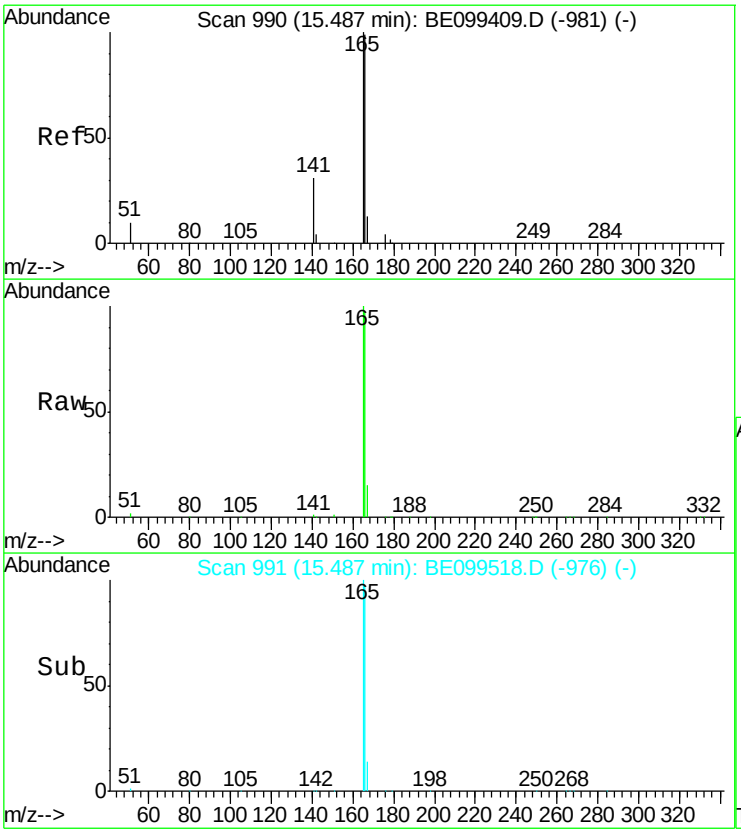
#17
Acenaphthene
Concen: 1.809 ng
RT: 14.51 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:154 Resp: 35533

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.6	138.8
152	57.0	45.8	68.8

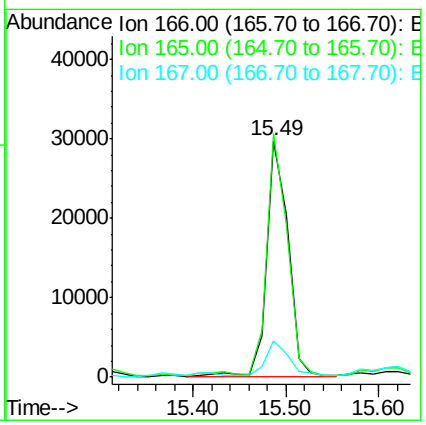


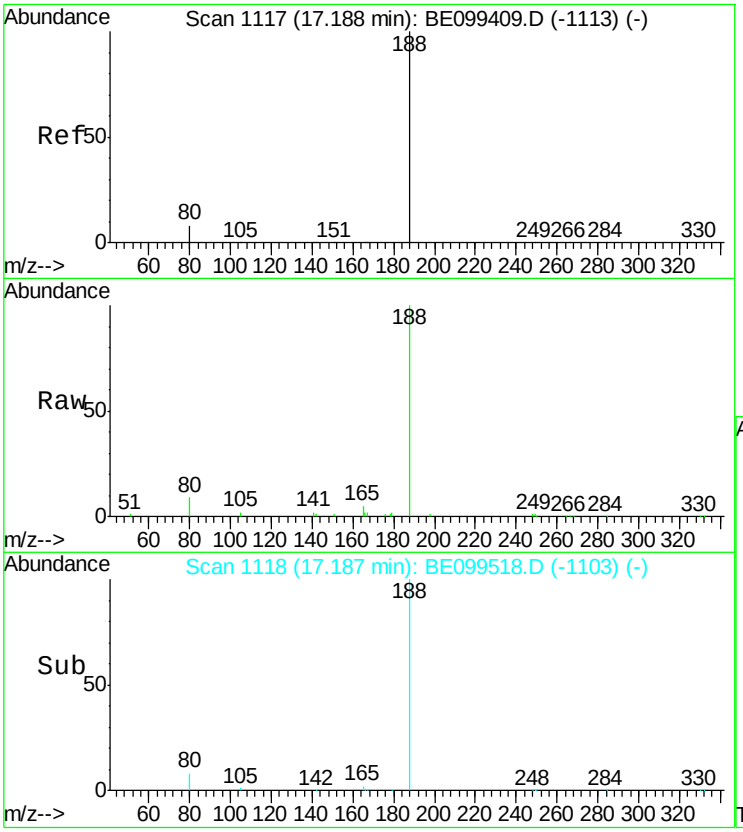


#18
Fluorene
Concen: 1.639 ng
RT: 15.49 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:166 Resp: 47502

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.3	120.5
167	16.0	10.7	16.1



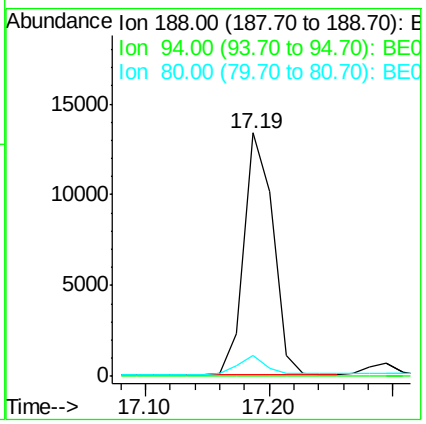


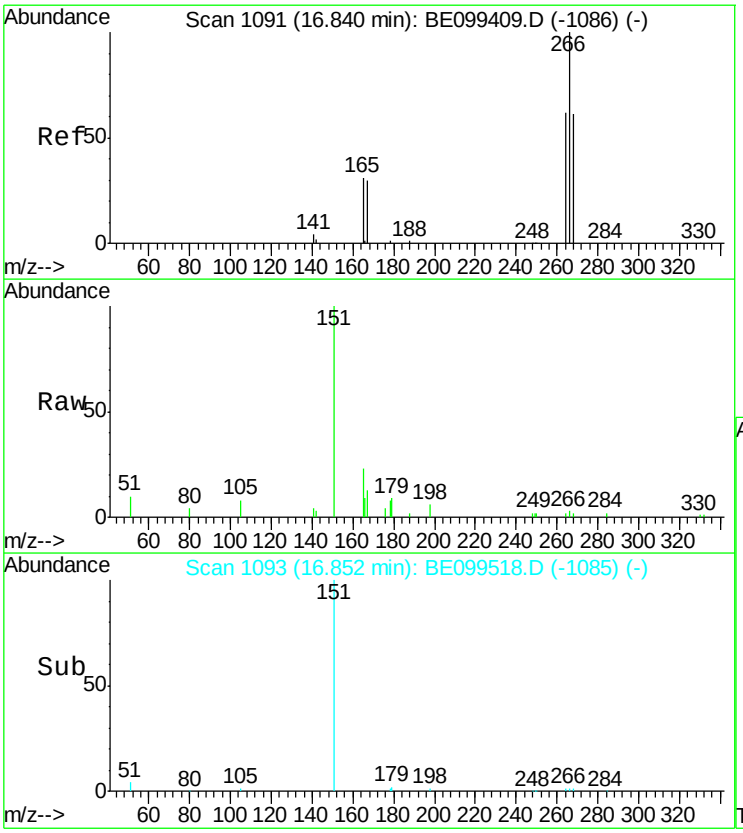
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:188 Resp: 21662

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.7	10.1

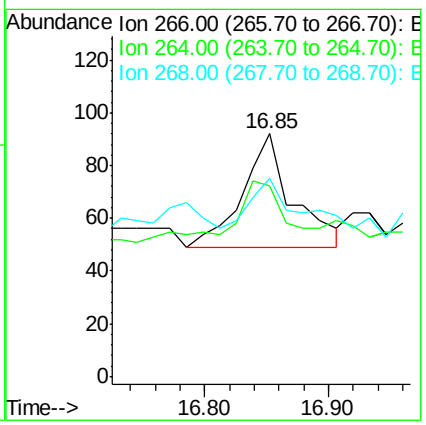


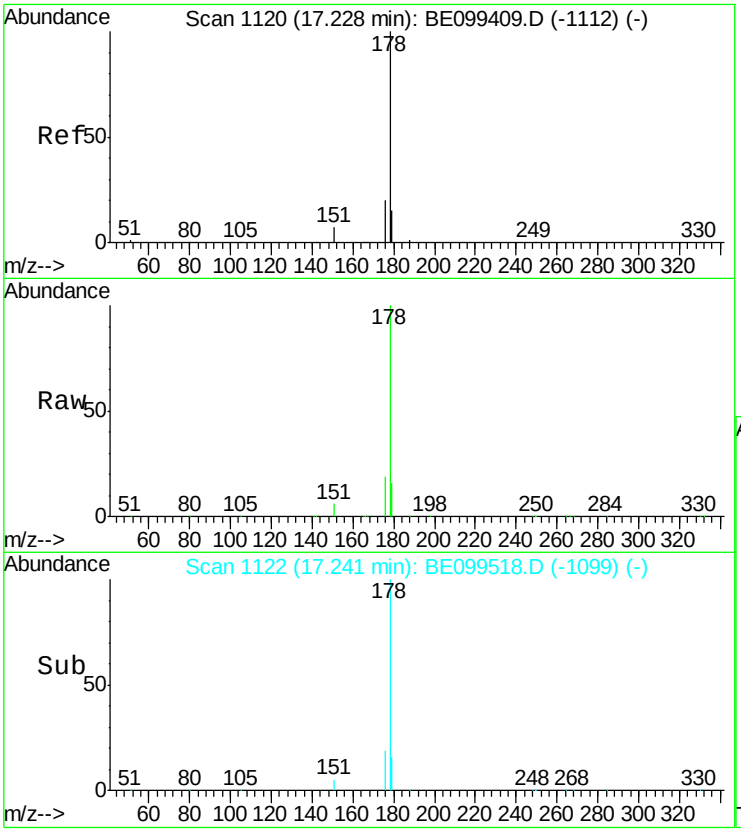


#22
Pentachlorophenol
Concen: 0.233 ng
RT: 16.85 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:266 Resp: 120

Ion	Ratio	Lower	Upper
266	100		
264	78.3	50.8	76.2#
268	81.5	50.5	75.7#



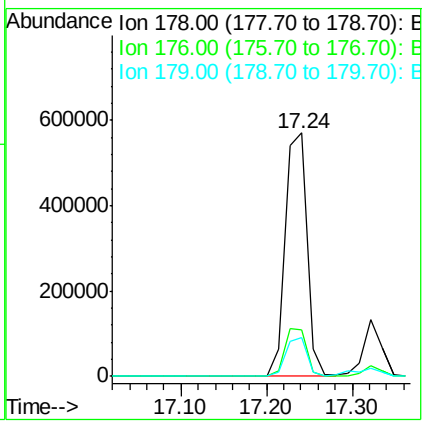


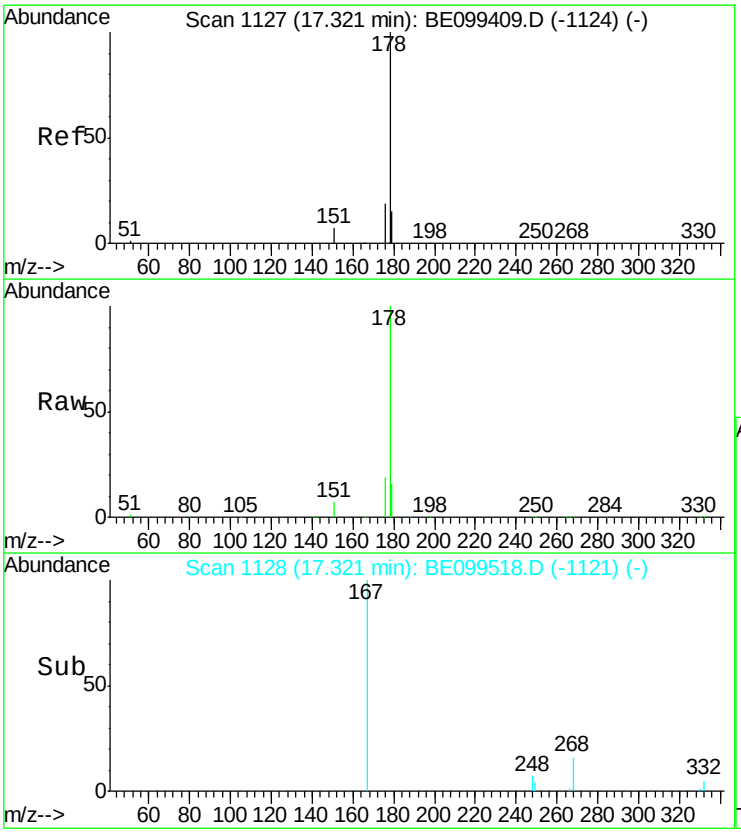
#23
Phenanthrene
Concen: 17.890 ng
RT: 17.24 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:178 Resp: 1000011

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	15.6	12.0	18.0

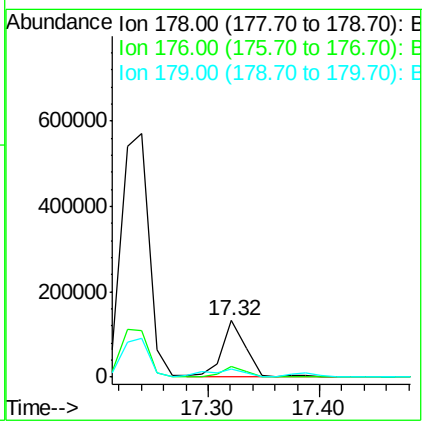


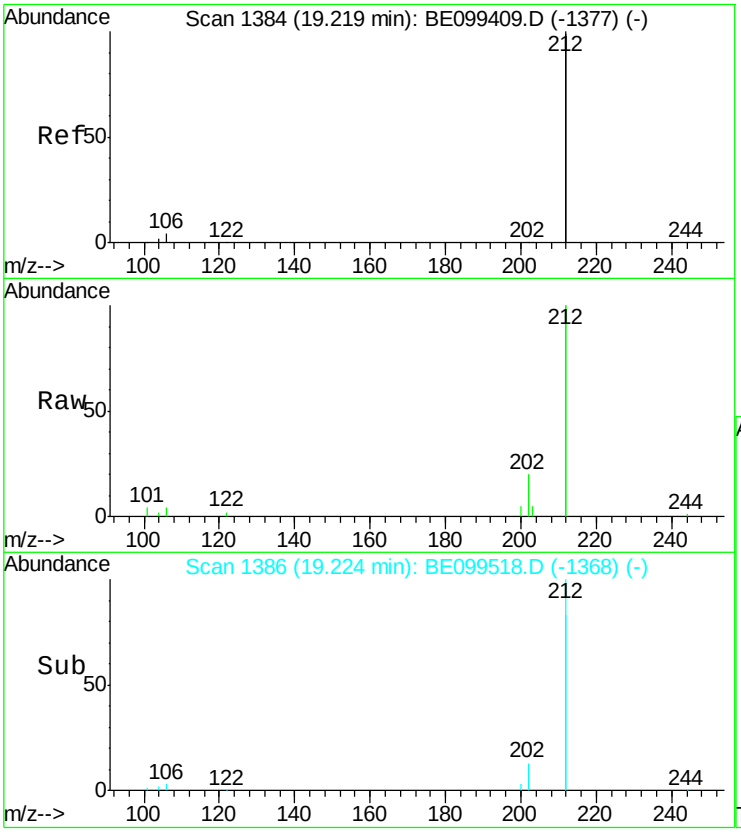


#24
Anthracene
Concen: 3.695 ng
RT: 17.32 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:178 Resp: 196875

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	22.0	11.9	17.9#



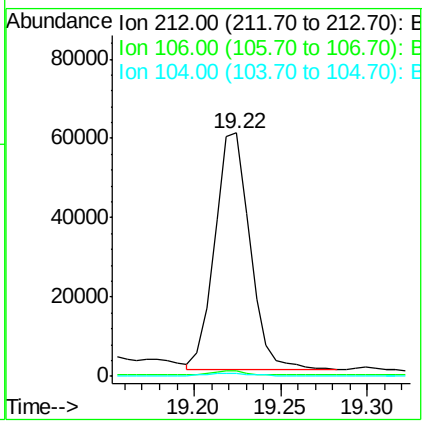


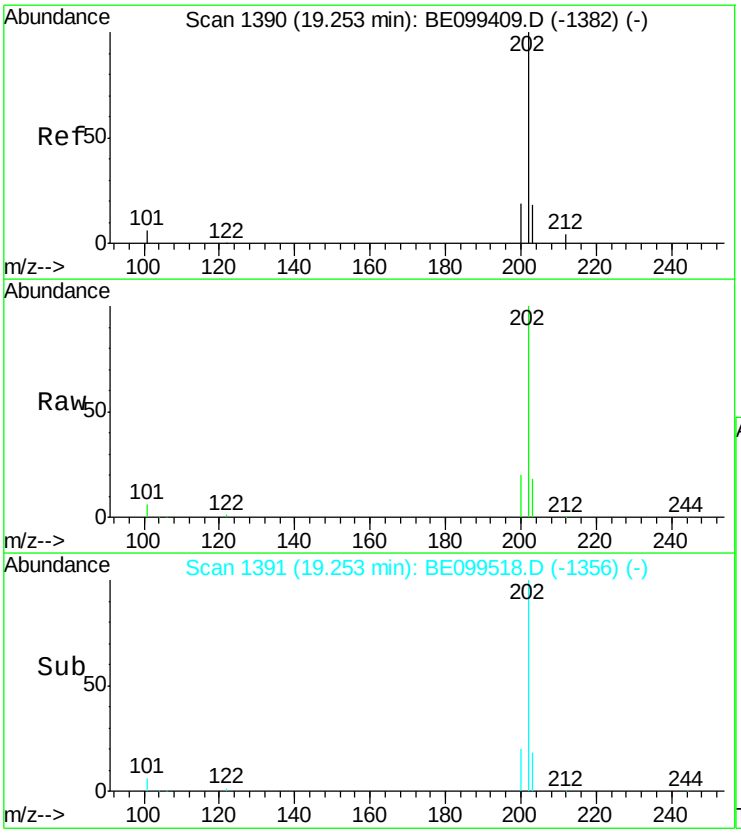
#25
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.22 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:212 Resp: 84044

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.5	2.3
104	1.2	0.9	1.3

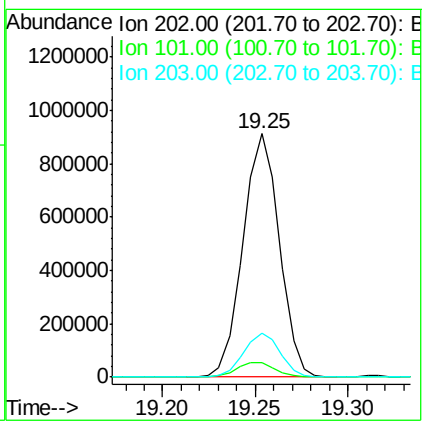


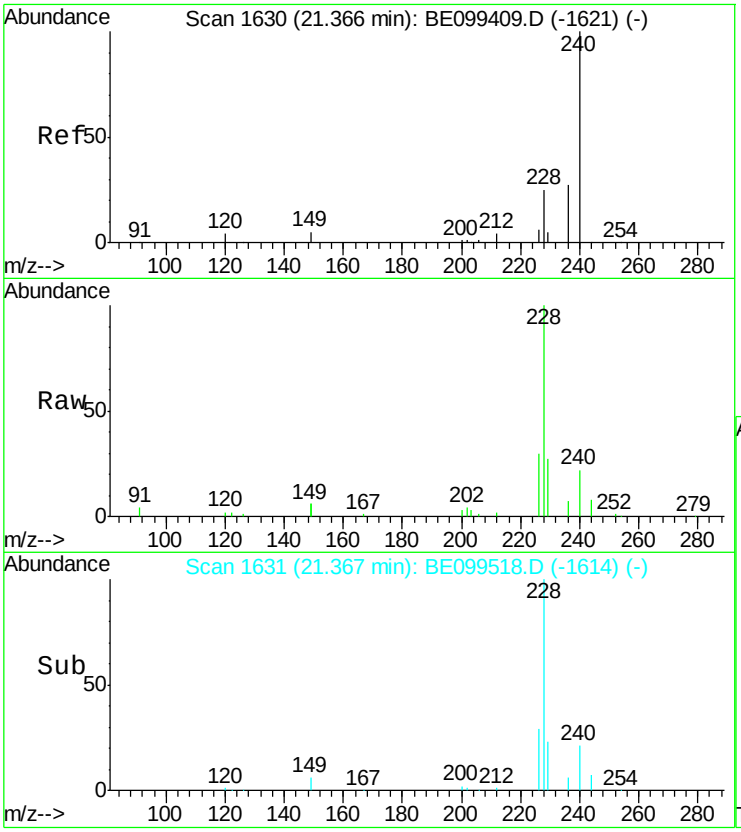


#26
Fluoranthene
Concen: 14.840 ng
RT: 19.25 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:202 Resp: 1242464

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.4	8.0
203	17.9	13.9	20.9



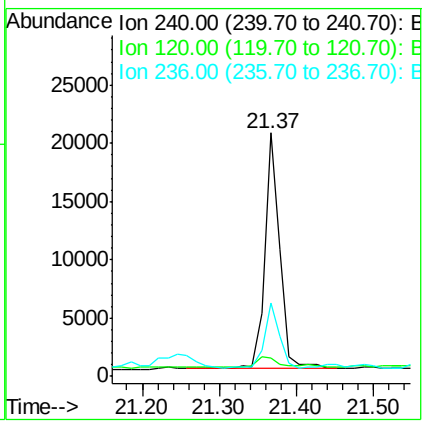


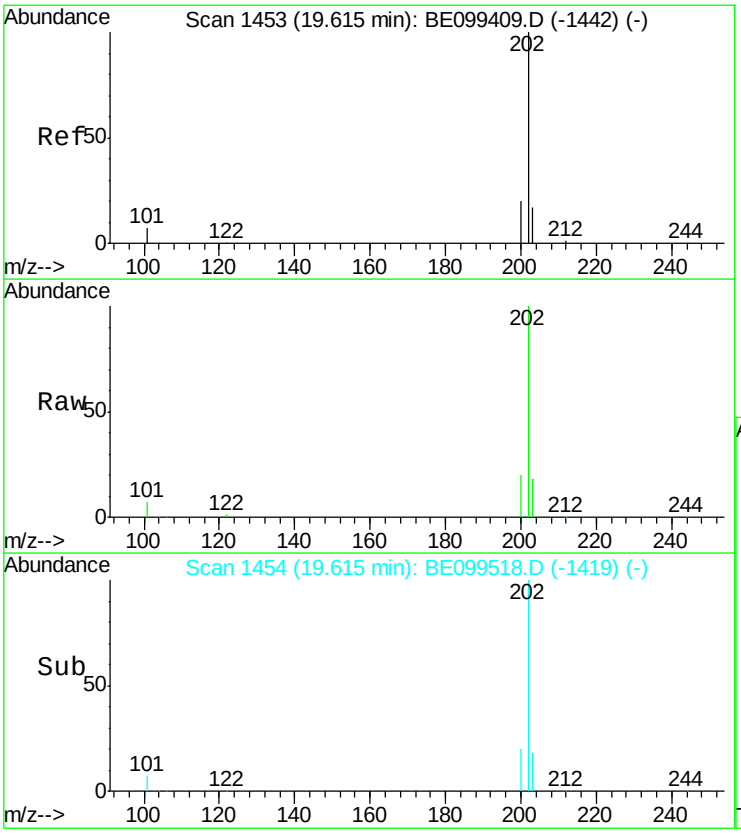
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:240 Resp: 27613

Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.0	6.0#
236	30.3	22.0	33.0

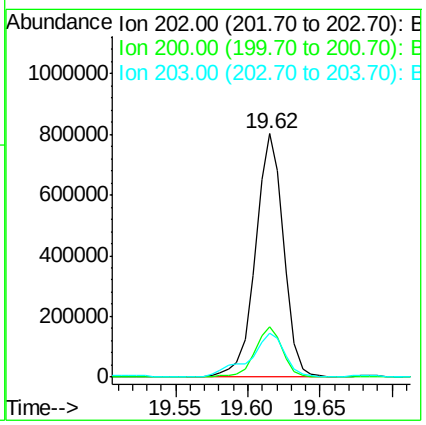


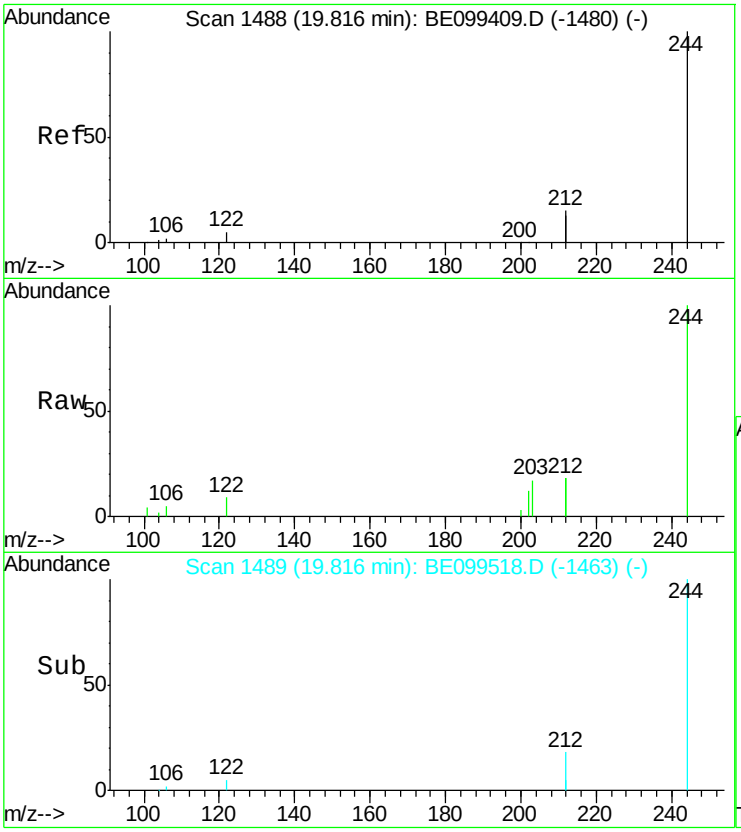


#28
Pyrene
Concen: 15.226 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:202 Resp: 1095920

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.7	23.5
203	22.5	13.9	20.9#



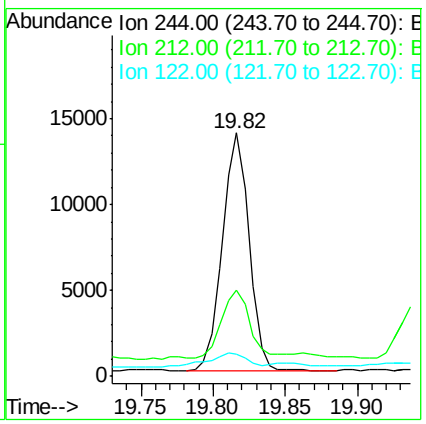


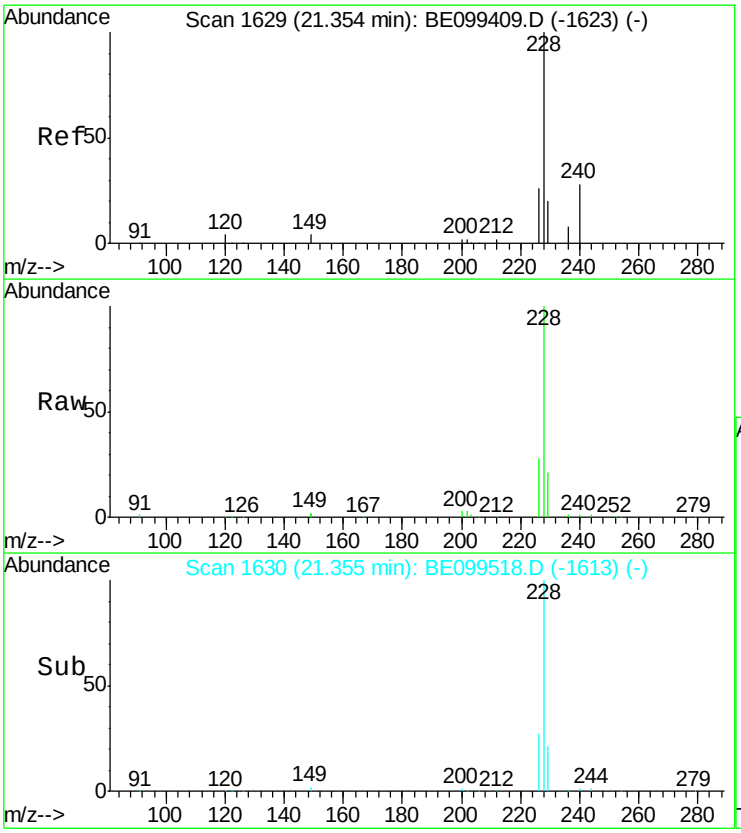
#29
Terphenyl-d14
Concen: 0.350 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:244 Resp: 17682

Ion	Ratio	Lower	Upper
244	100		
212	35.5	23.2	34.8#
122	9.0	4.2	6.4#

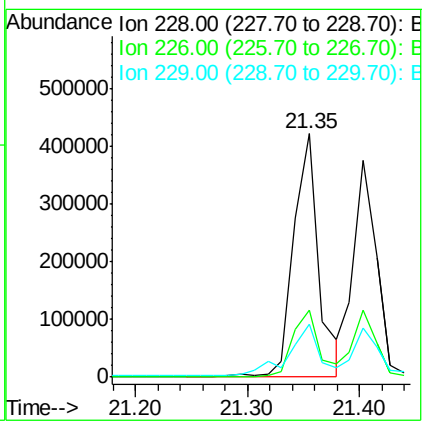


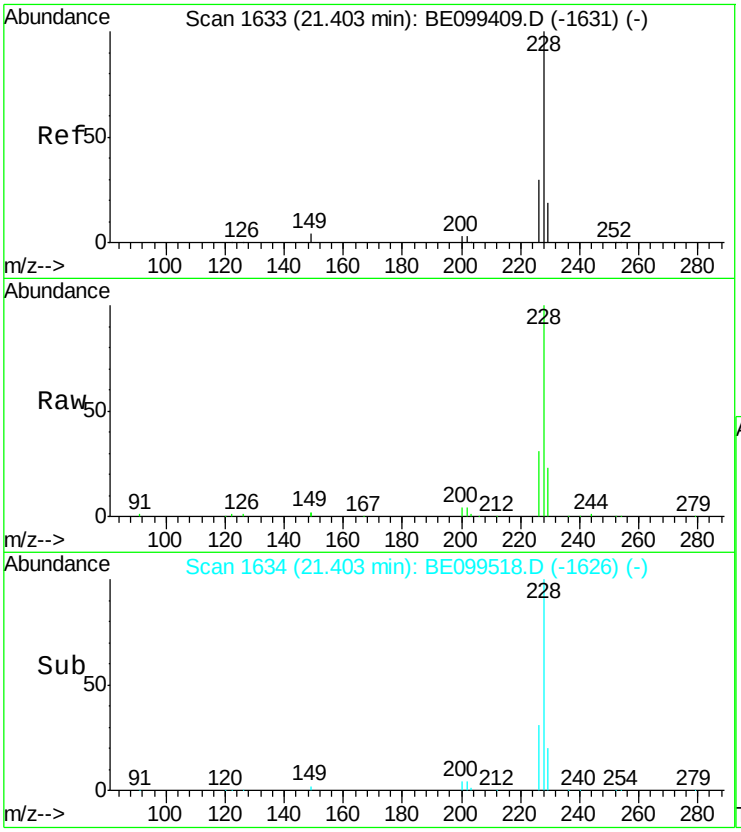


#30
Benzo(a)anthracene
Concen: 7.380 ng
RT: 21.35 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:228 Resp: 649263

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.6
229	21.5	16.6	25.0



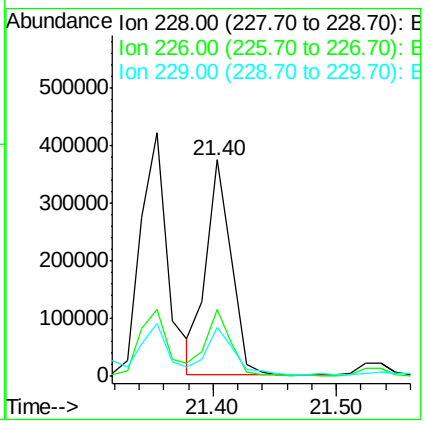


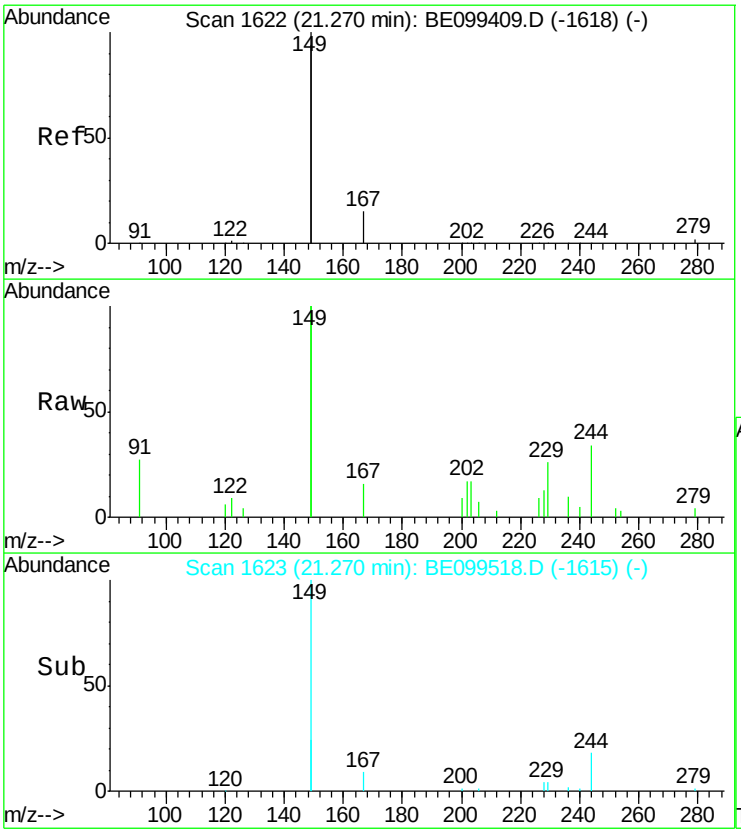
#31
Chrysene
Concen: 6.185 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:228 Resp: 532490

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.6	15.8	23.8

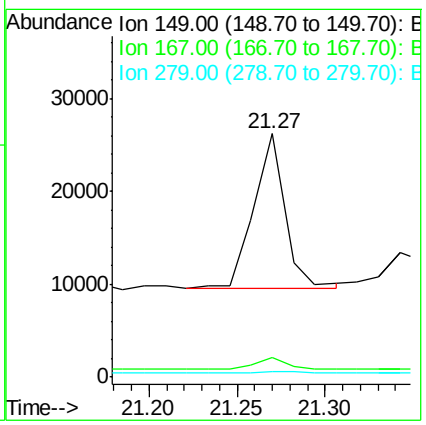


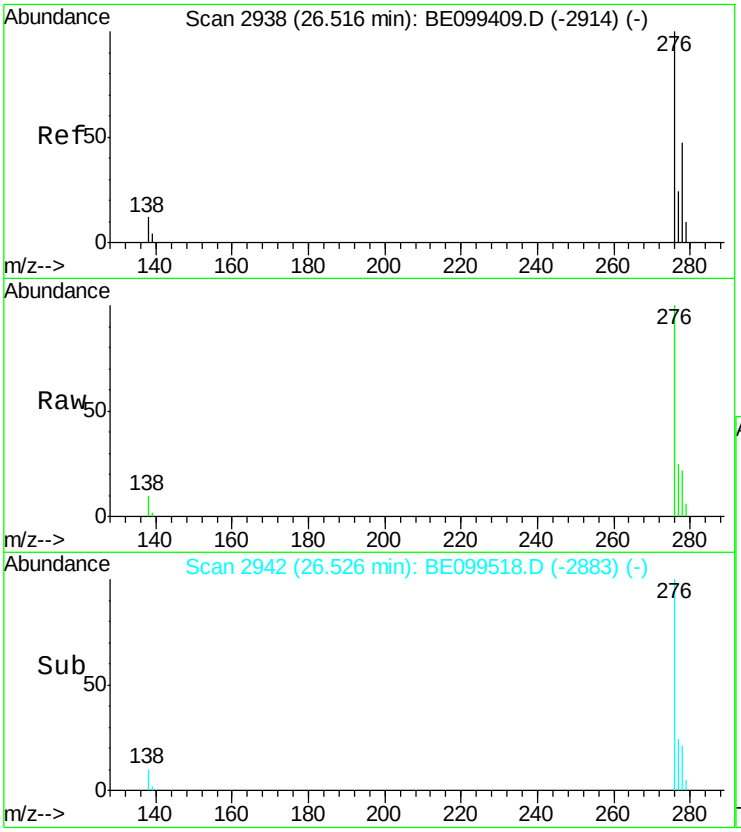


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.27 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:149 Resp: 20215

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.8	8.6
279	1.3	1.0	1.6



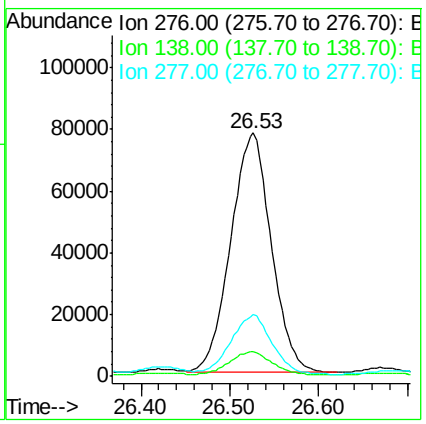


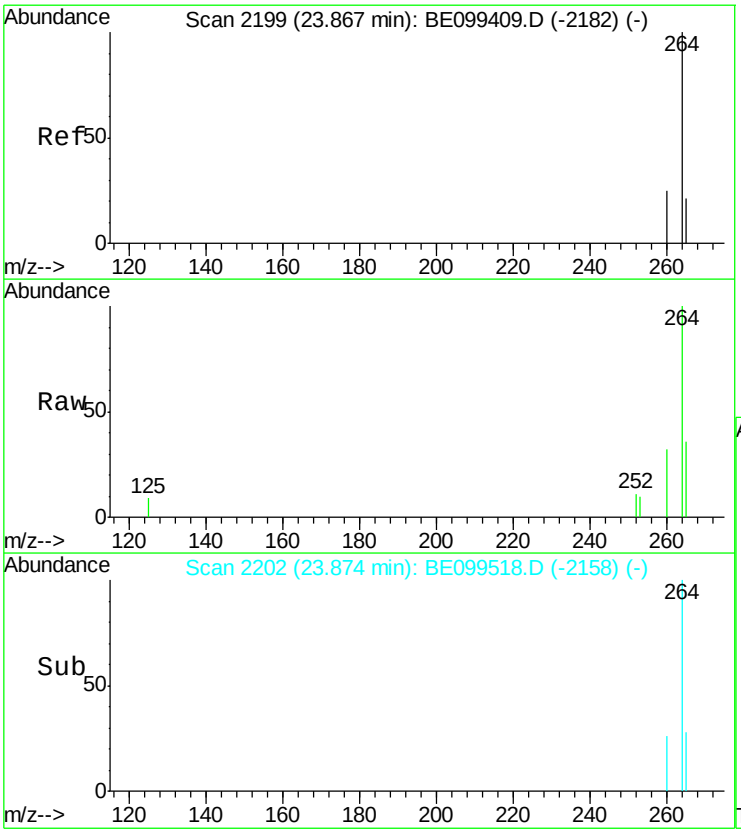
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.413 ng
RT: 26.53 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:276 Resp: 245549

Ion	Ratio	Lower	Upper
276	100		
138	10.0	10.2	15.2#
277	25.1	19.2	28.8

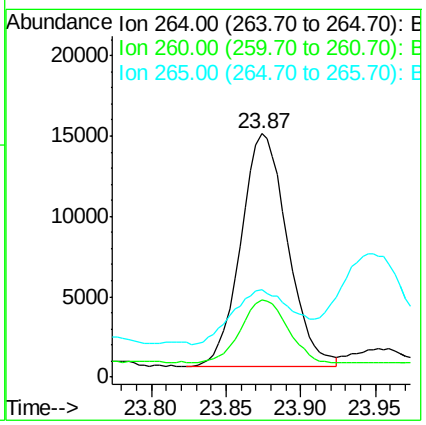


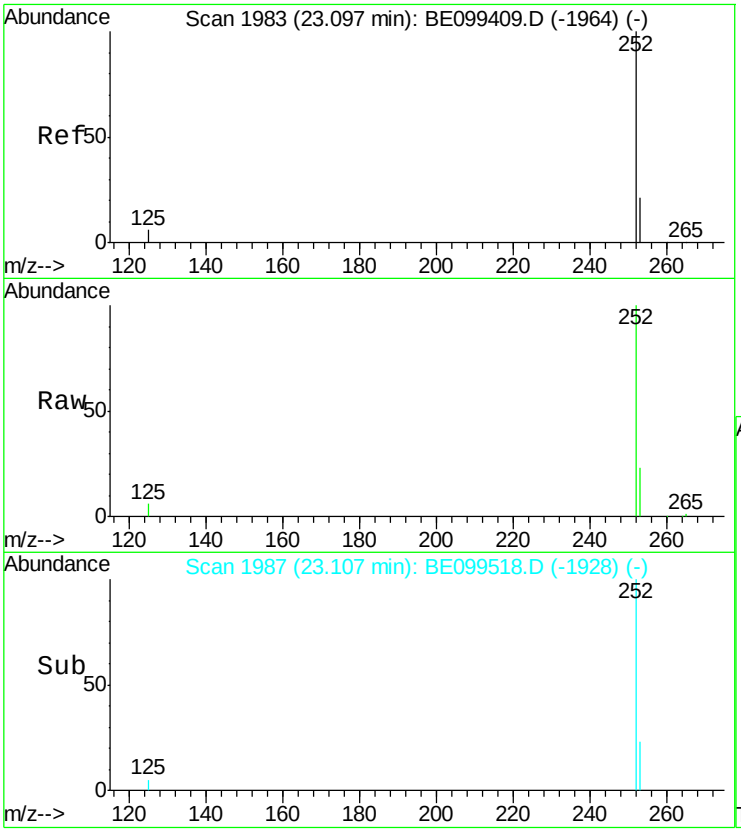


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:264 Resp: 31359

Ion	Ratio	Lower	Upper
264	100		
260	31.7	20.2	30.2#
265	36.1	21.3	31.9#



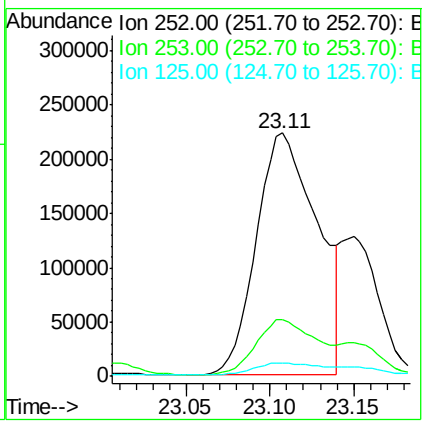


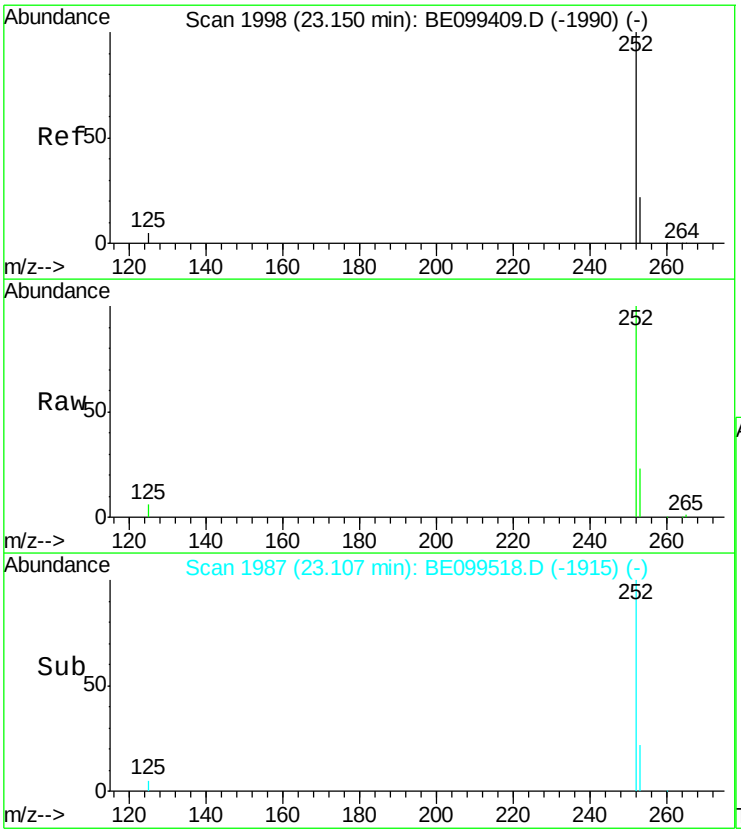
#35
Benzo(b)fluoranthene
Concen: 6.262 ng
RT: 23.11 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:252 Resp: 566276

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	5.6	5.6	8.4#

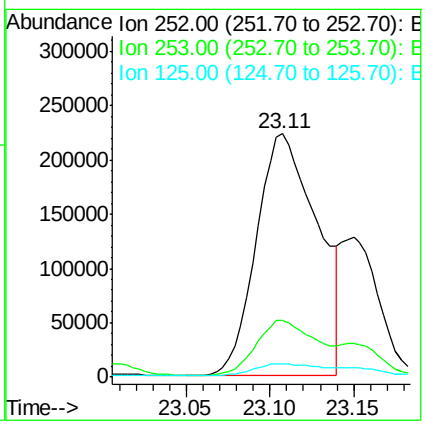


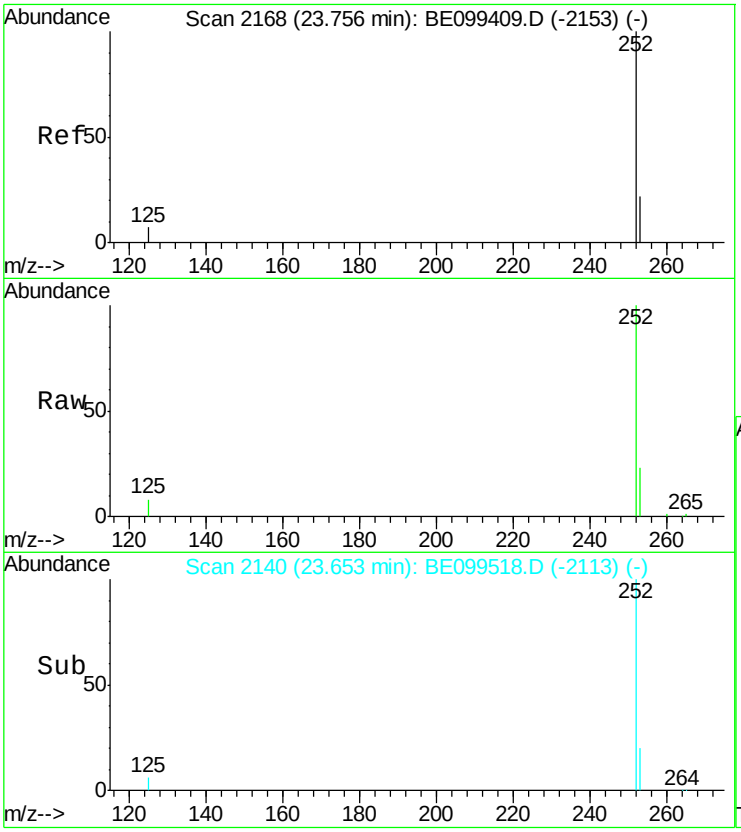


#36
Benzo(k)fluoranthene
Concen: 6.494 ng
RT: 23.11 min Scan# 1987
Delta R.T. -0.04 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:252 Resp: 566276

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	5.6	5.0	7.4



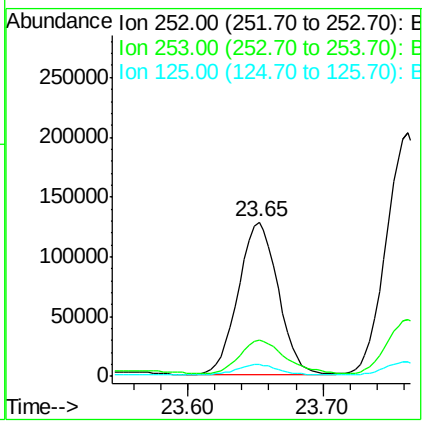


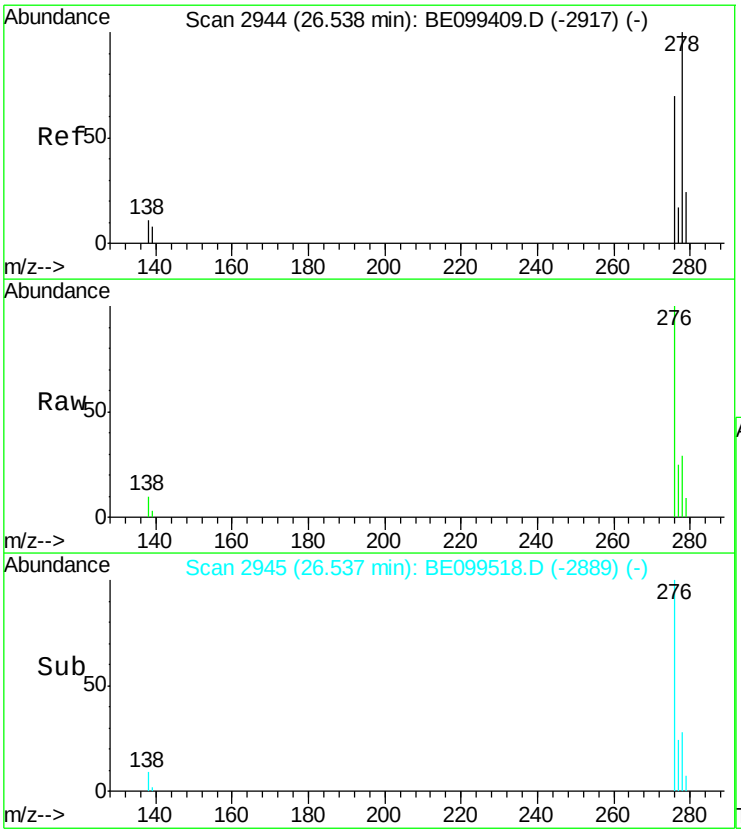
#37
Benzo(a)pyrene
Concen: 3.069 ng
RT: 23.65 min Scan# 2140
Delta R.T. -0.10 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:252 Resp: 262363

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	7.5	6.7	10.1

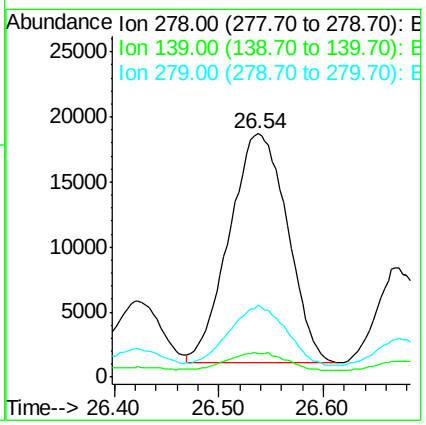


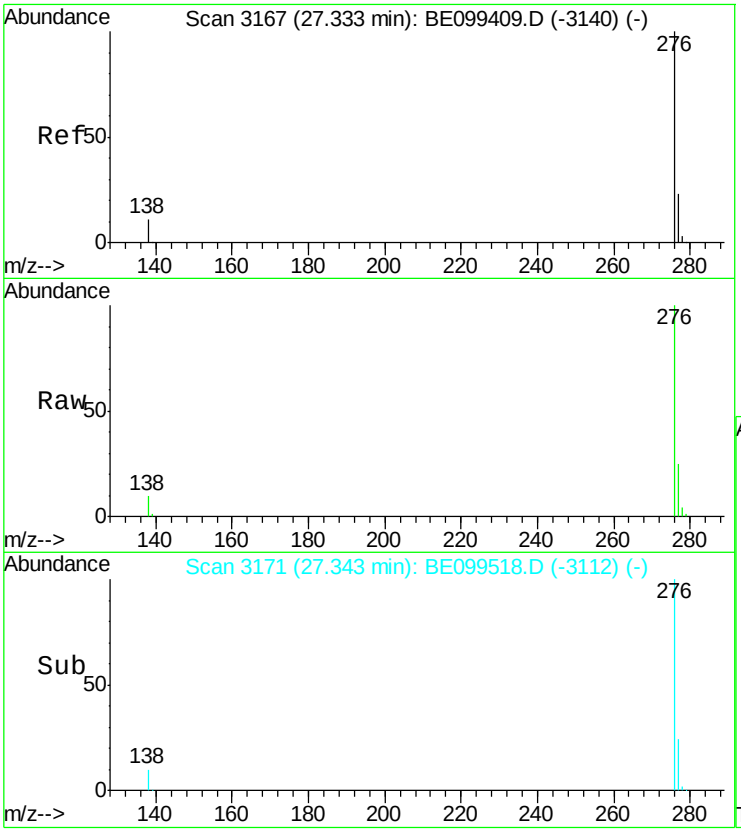


#38
Dibenzo(a,h)anthracene
Concen: 0.782 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Tgt Ion:278 Resp: 68415

Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.7	11.5
279	29.5	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 2.582 ng
RT: 27.34 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BE099518.D
Acq: 3 May 2019 6:44

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419

Tgt Ion:276 Resp: 226214

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	10.2	9.6	14.4