Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099521.D
Acq On : 3 May 2019 8:31
Operator : JU/SJ
Sample : K2589-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B189-042419

Quant Time: May 03 13:24:31 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	2082	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	7899	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5983	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19196	0.40	ng		0.00
27) Chrysene-d12	21.37	240	24286	0.40	ng		0.00
34) Perylene-d12	23.87	264	27398	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1421	0.25	ng		0.00
5) Phenol-d6	6.97	99	2107	0.28	ng		0.00
8) Nitrobenzene-d5	8.96	82	1745	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	3139	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1044	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4583	0.20	ng		0.00
25) Fluoranthene-d10	19.22	212	49078	0.19	ng		0.00
29) Terphenyl-d14	19.82	244	9841	0.22	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	44	0.025	ng	#	1
16) Acenaphthylene	14.18	152	1221	0.042	ng		99
18) Fluorene	15.49	166	505	0.020	ng	#	86
22) Pentachlorophenol	16.84	266	81	0.229	ng	#	62
23) Phenanthrene	17.23	178	11403	0.230	ng		98
24) Anthracene	17.32	178	1092	0.023	ng	#	95
26) Fluoranthene	19.25	202	26664	0.359	ng		98
28) Pyrene	19.62	202	27738	0.438	ng		96
30) Benzo(a)anthracene	21.35	228	13914	0.180	ng	#	82
31) Chrysene	21.40	228	18779	0.248	ng	#	89
32) Bis(2-ethylhexyl)phthalate	21.27	149	11283	0.032	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	9908	0.111	ng		98
35) Benzo(b)fluoranthene	23.10	252	20591	0.261	ng	#	70
36) Benzo(k)fluoranthene	23.10	252	20591	0.270	ng	#	71
37) Benzo(a)pyrene	23.76	252	13533	0.181	ng	#	72
39) Benzo(g,h,i)perylene	27.35	276	10114	0.132	ng	#	86

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

Quantitation Report (Not Reviewed)

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PST-001-B189-042419

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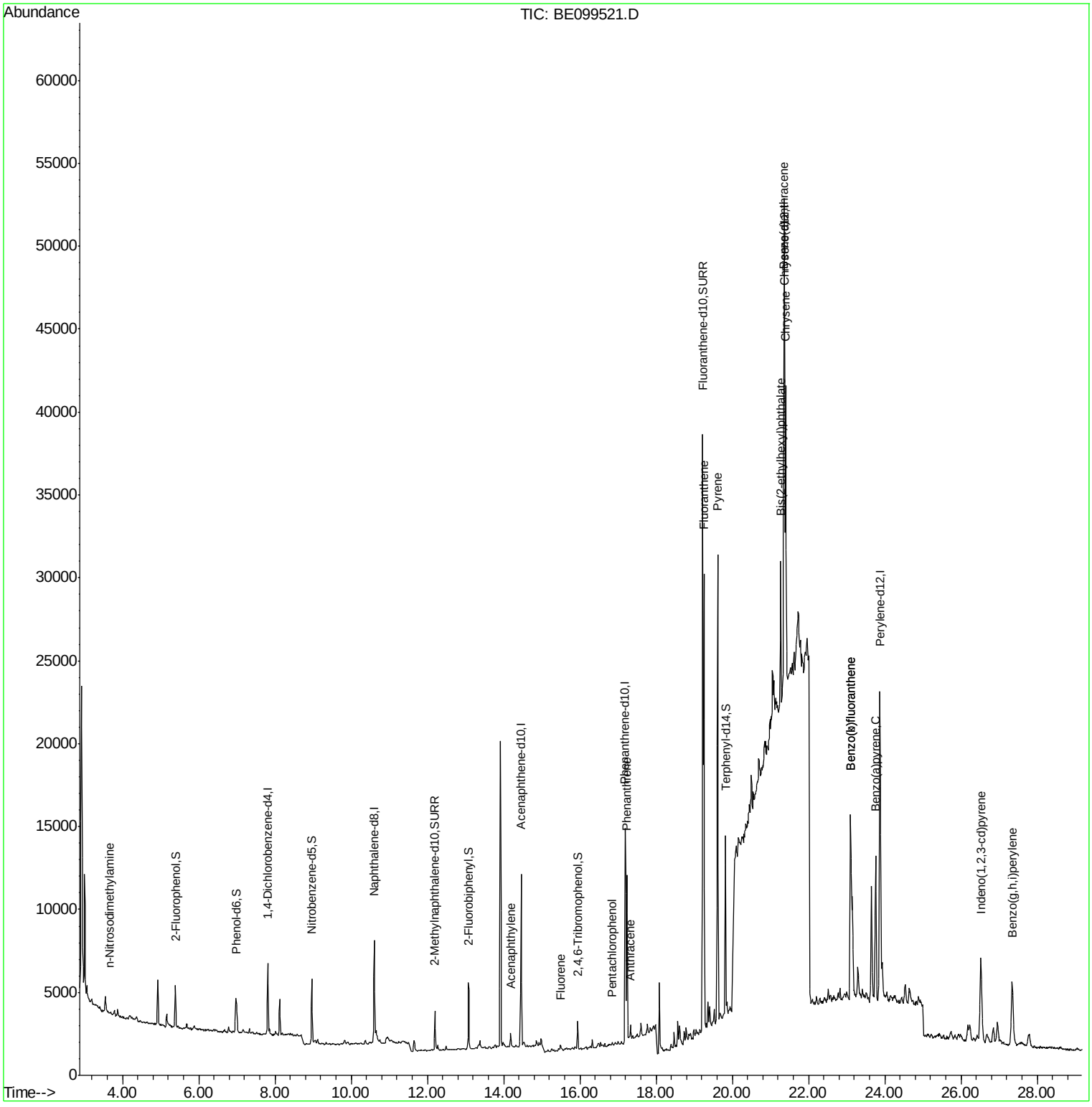
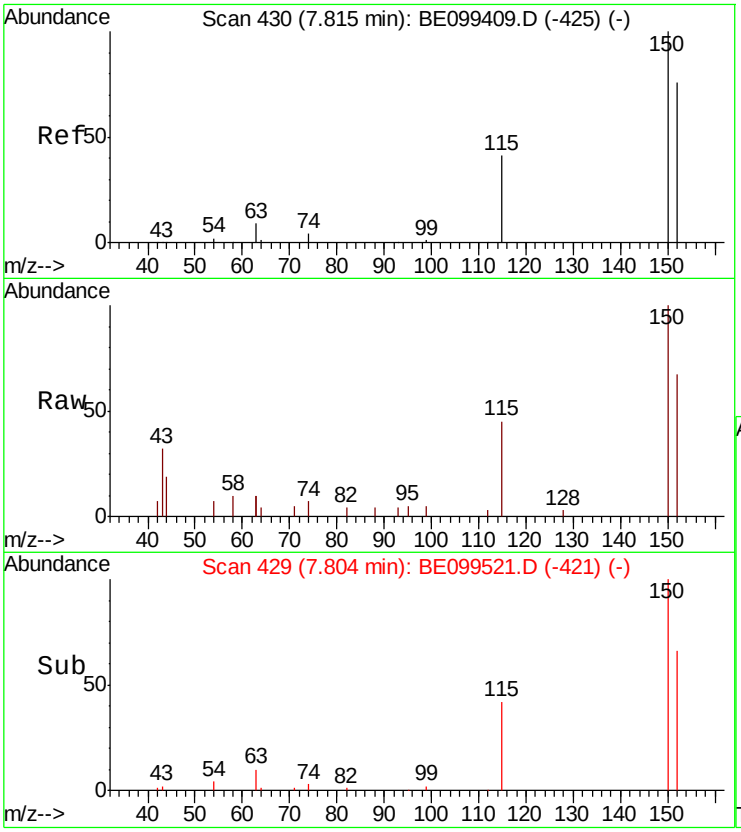
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



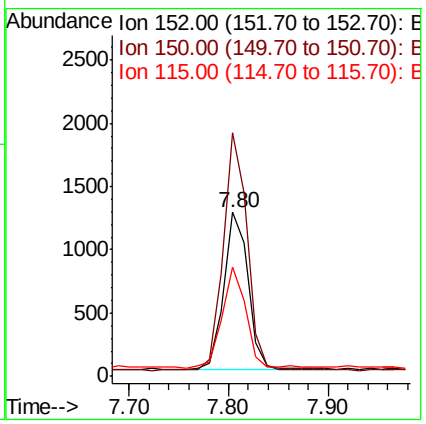


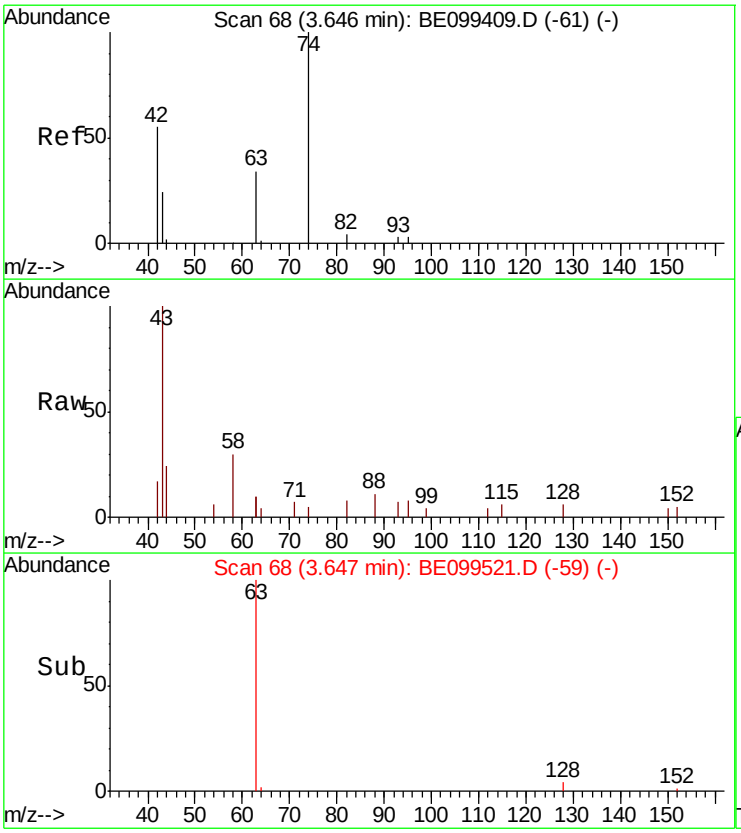
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:152 Resp: 2082

Ion	Ratio	Lower	Upper
152	100		
150	148.3	104.8	157.2
115	66.8	46.6	69.8

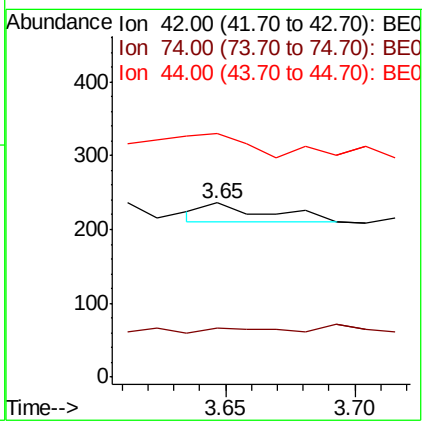


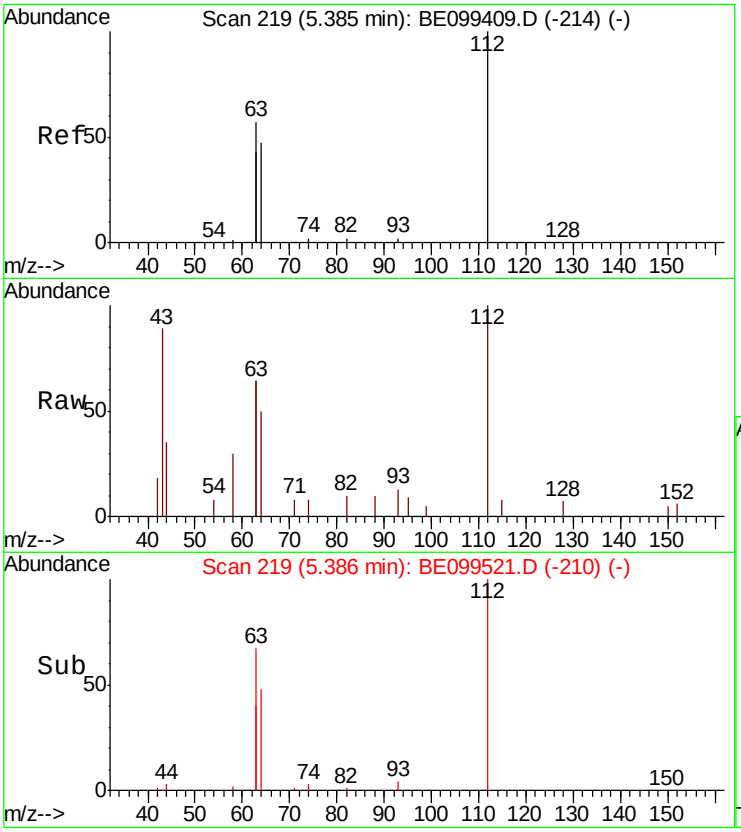


#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion: 42 Resp: 44

Ion	Ratio	Lower	Upper
42	100		
74	34.1	141.6	212.4#
44	165.9	0.0	0.0#



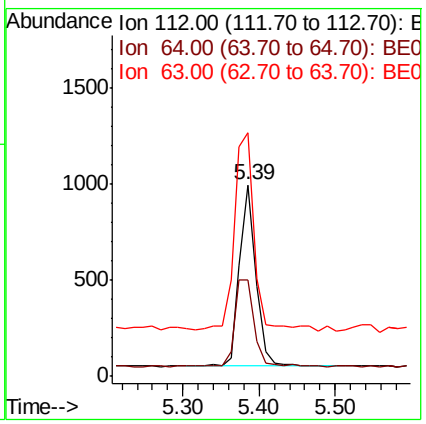


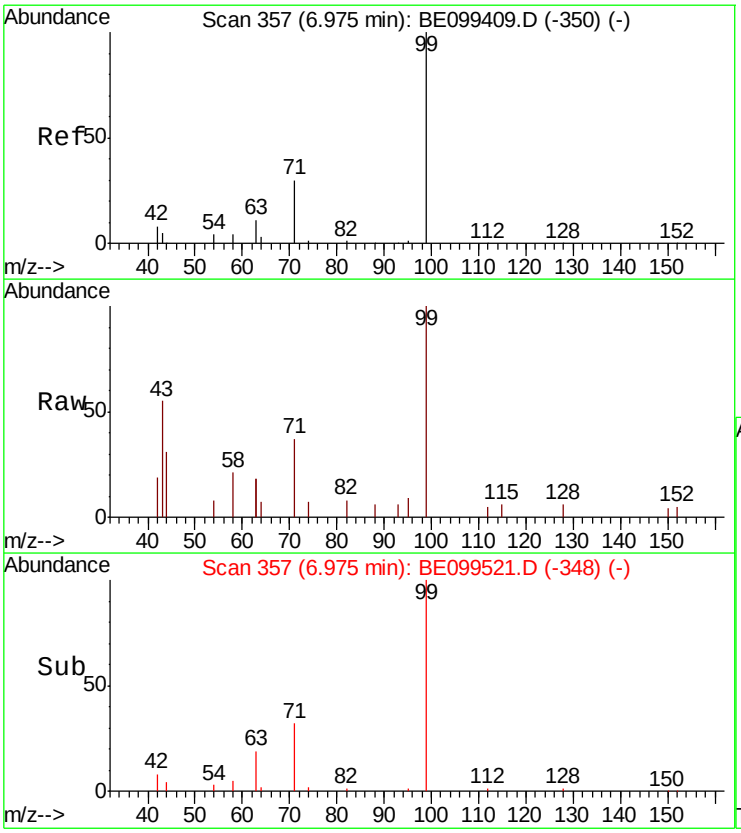
#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:112 Resp: 1421

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.4	71.0
63	132.9	104.3	156.5

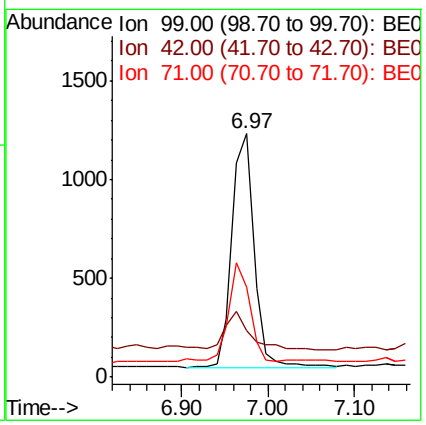


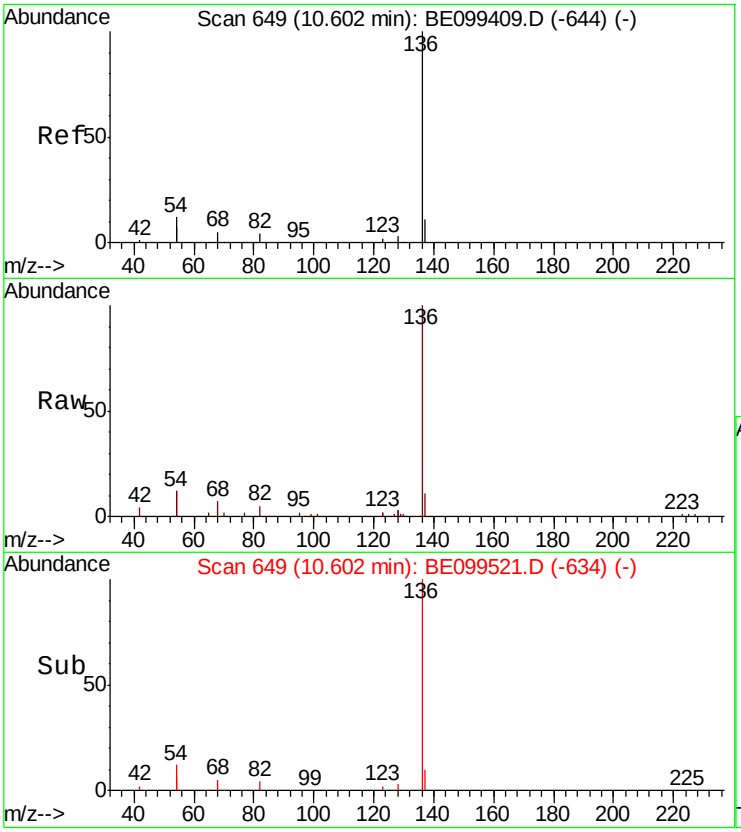


#5
Phenol-d6
Concen: 0.275 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion: 99 Resp: 2107

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	40.4	33.0	49.6



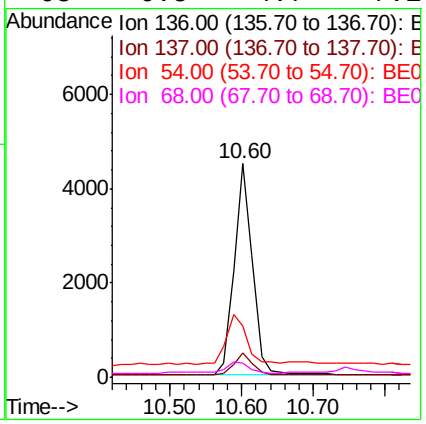


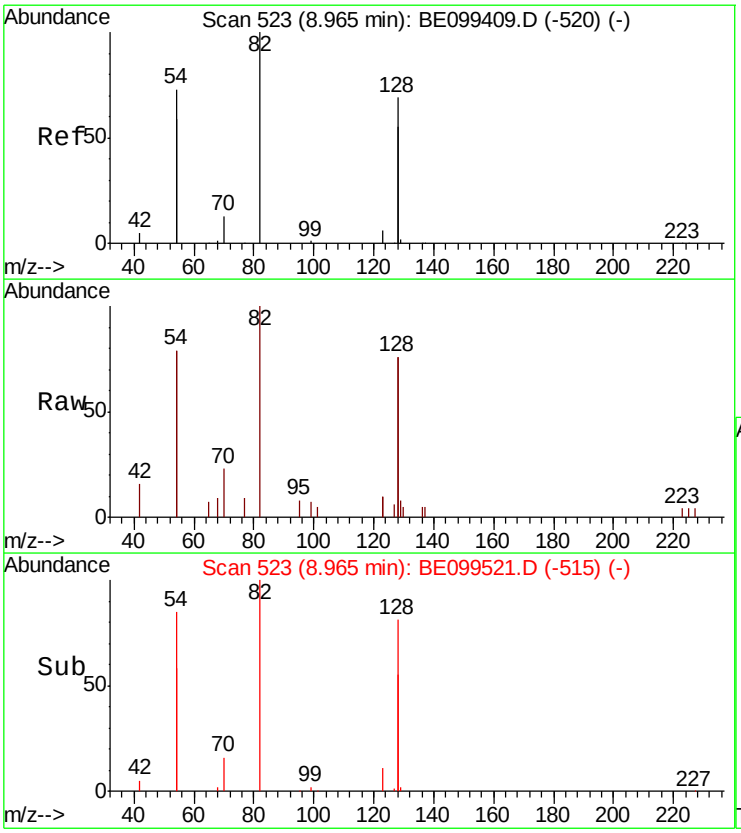
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:136 Resp: 7899

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	24.1	18.5	27.7
68	6.5	4.7	7.1

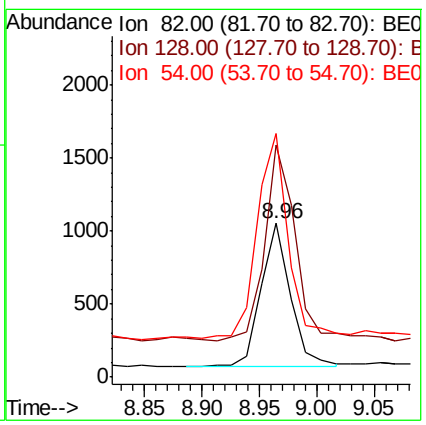


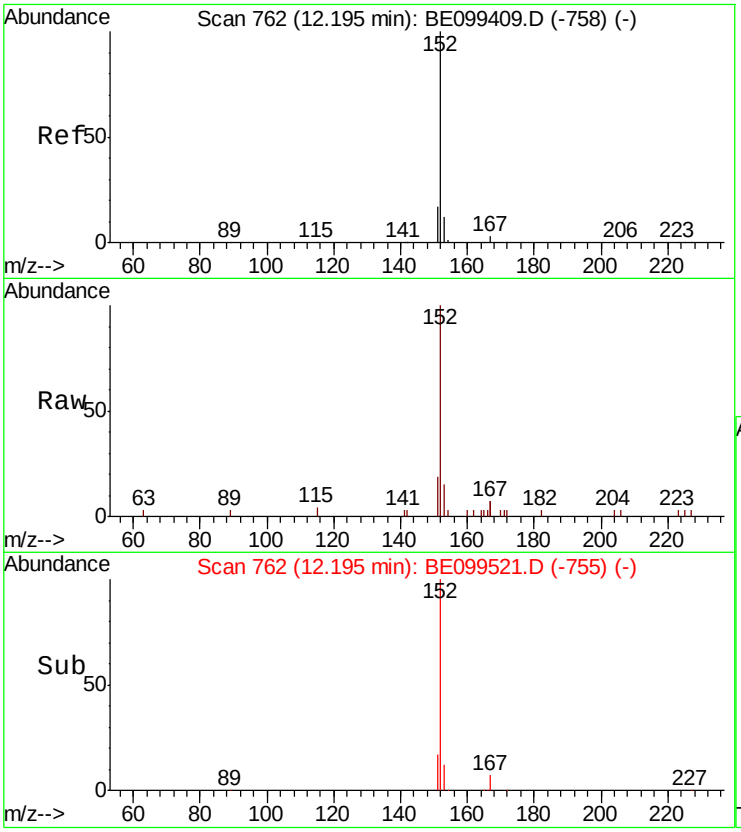


#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion: 82 Resp: 1745

Ion	Ratio	Lower	Upper
82	100		
128	151.2	107.0	160.4
54	158.4	113.1	169.7



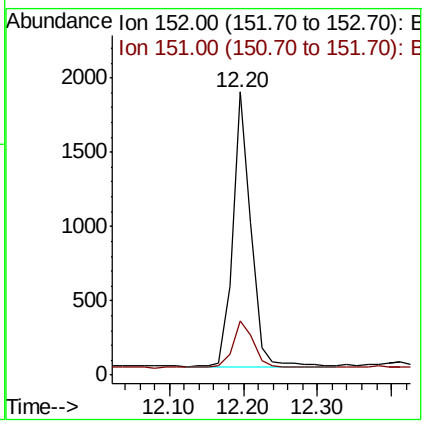


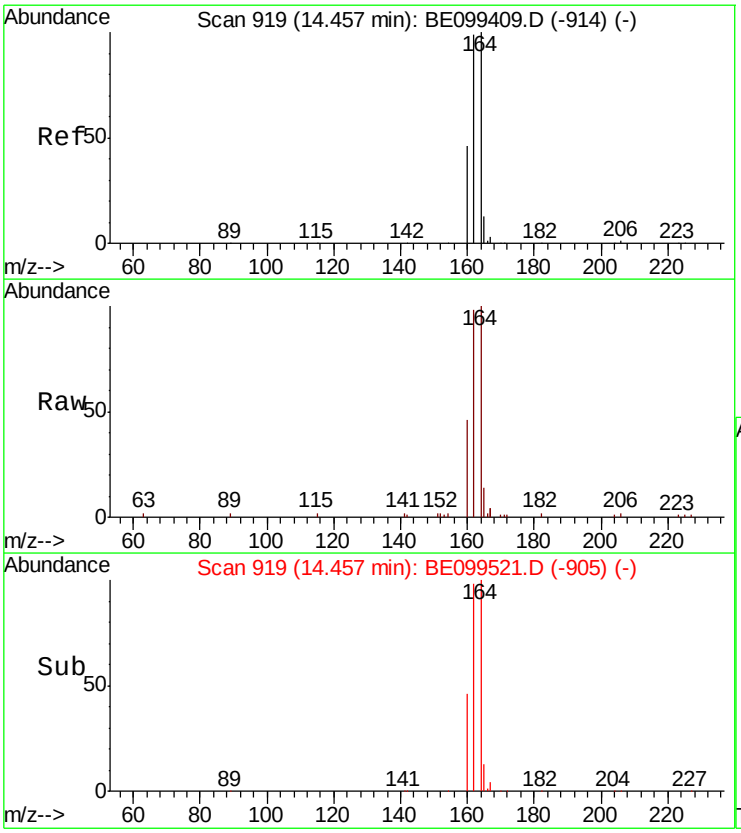
#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:152 Resp: 3139

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3

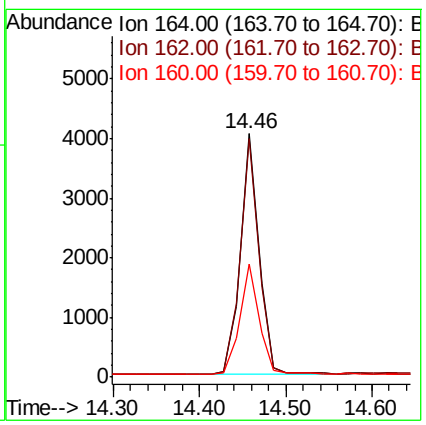


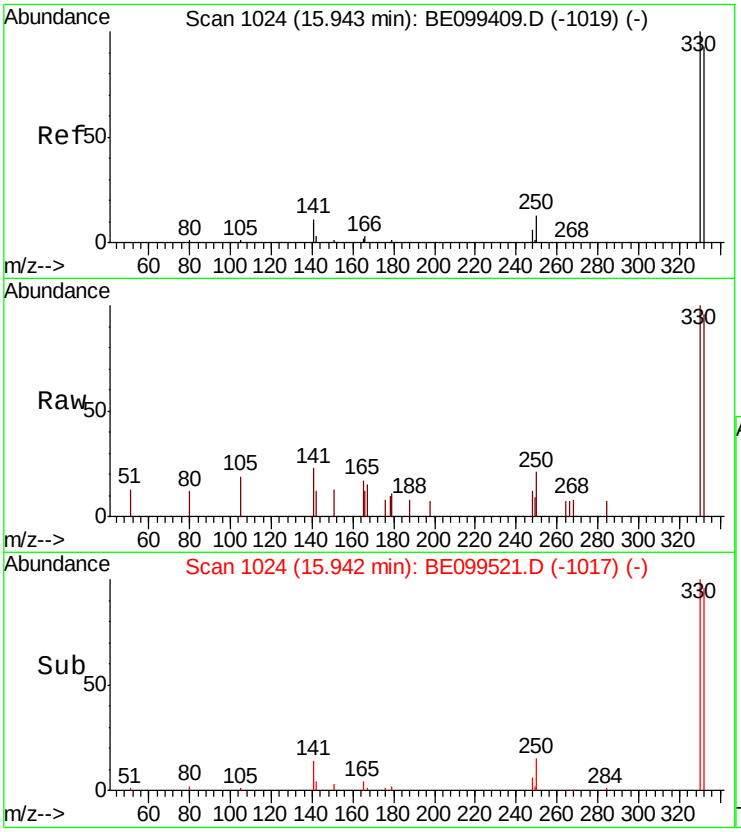


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:164 Resp: 5983

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.0	118.4
160	46.2	37.0	55.4



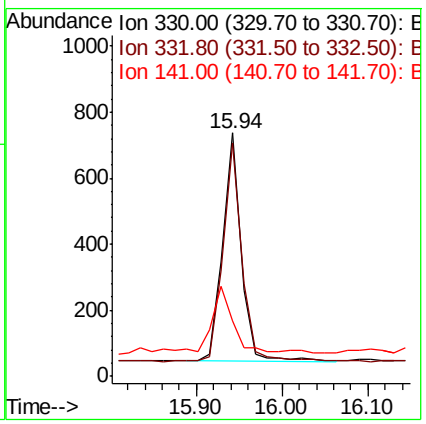


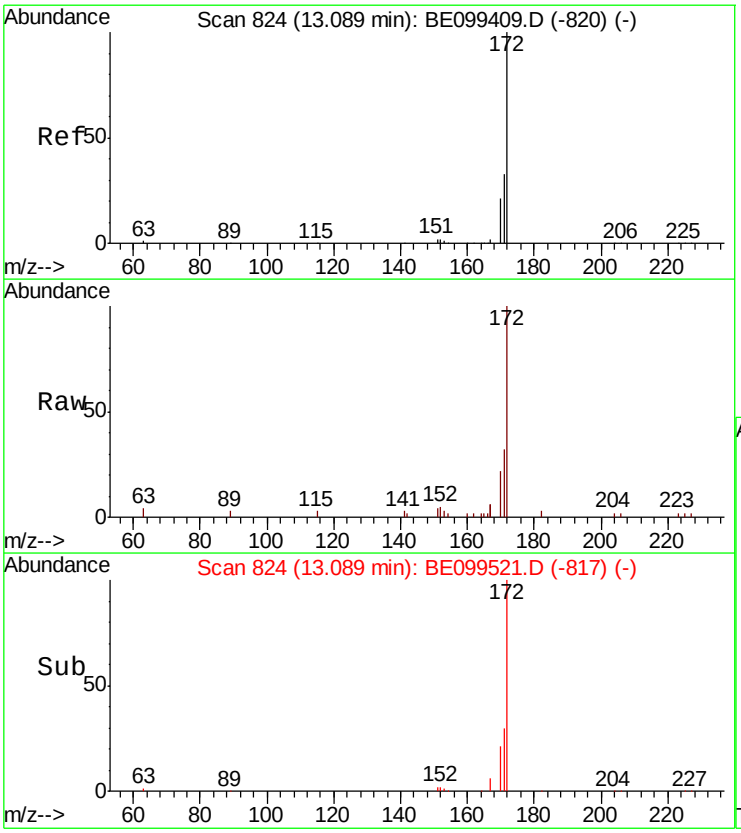
#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:330 Resp: 1044

Ion	Ratio	Lower	Upper
330	100		
332	99.6	71.5	107.3
141	29.5	24.0	36.0

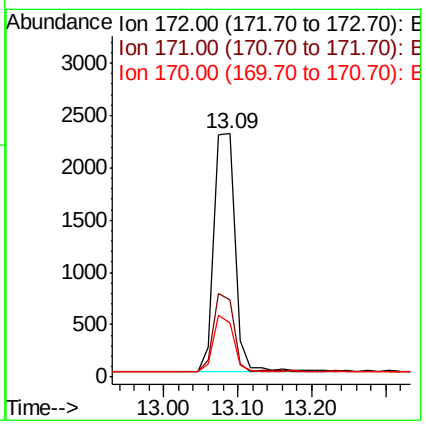


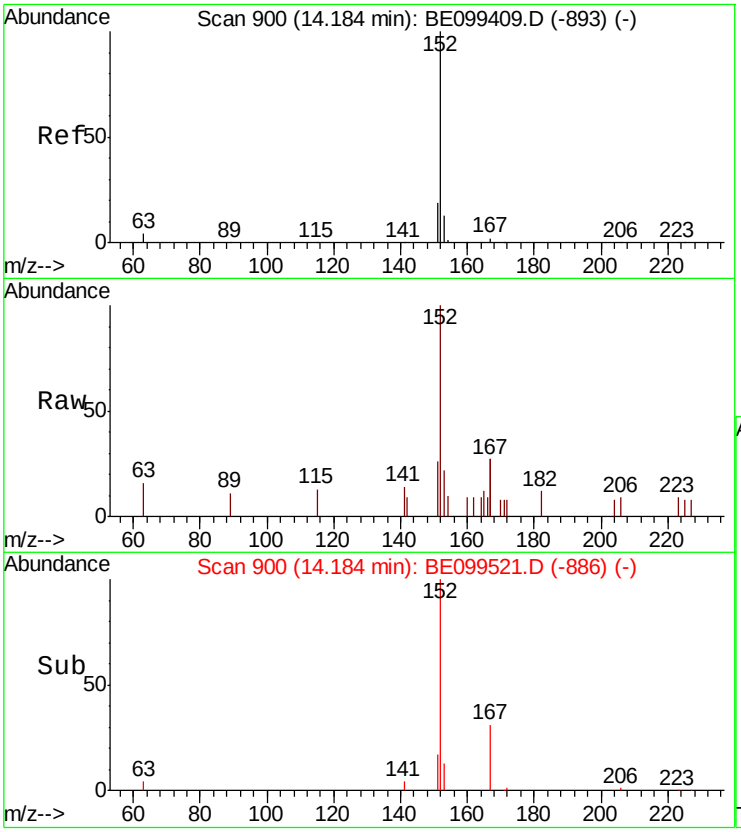


#15
2-Fluorobiphenyl
Concen: 0.201 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:172 Resp: 4583

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.6	39.8
170	22.5	17.0	25.6



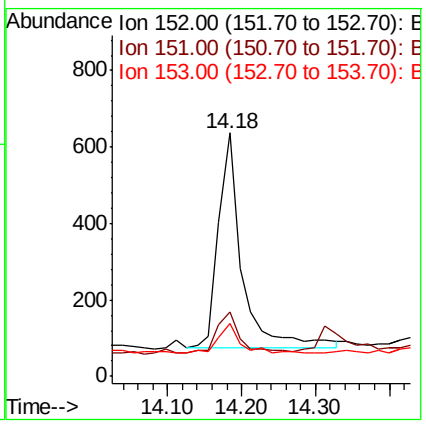


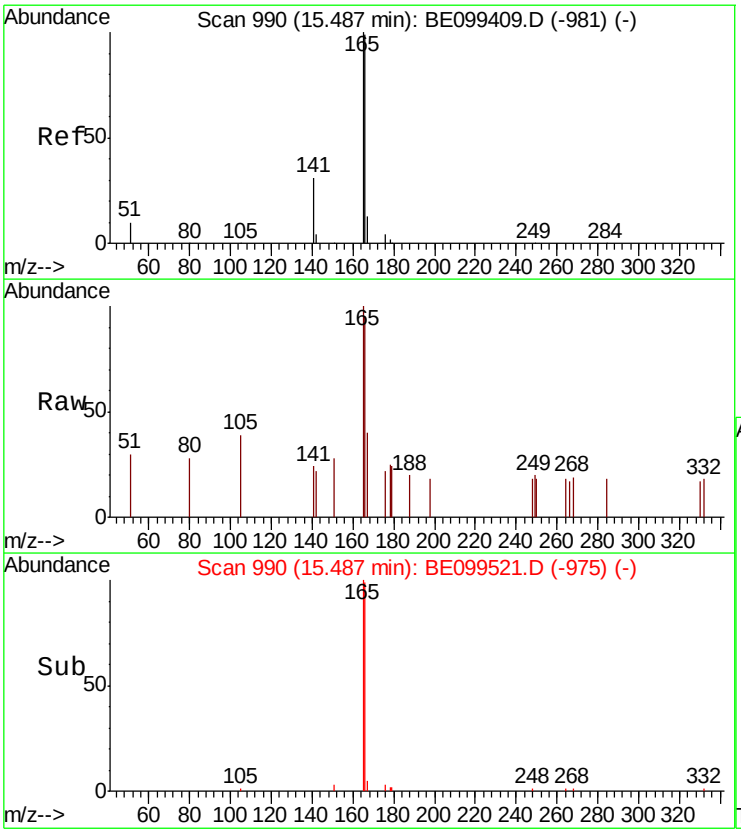
#16
Acenaphthylene
Concen: 0.042 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:152 Resp: 1221

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.9	9.8	14.6

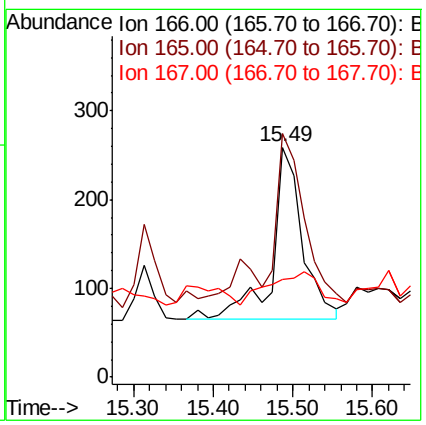


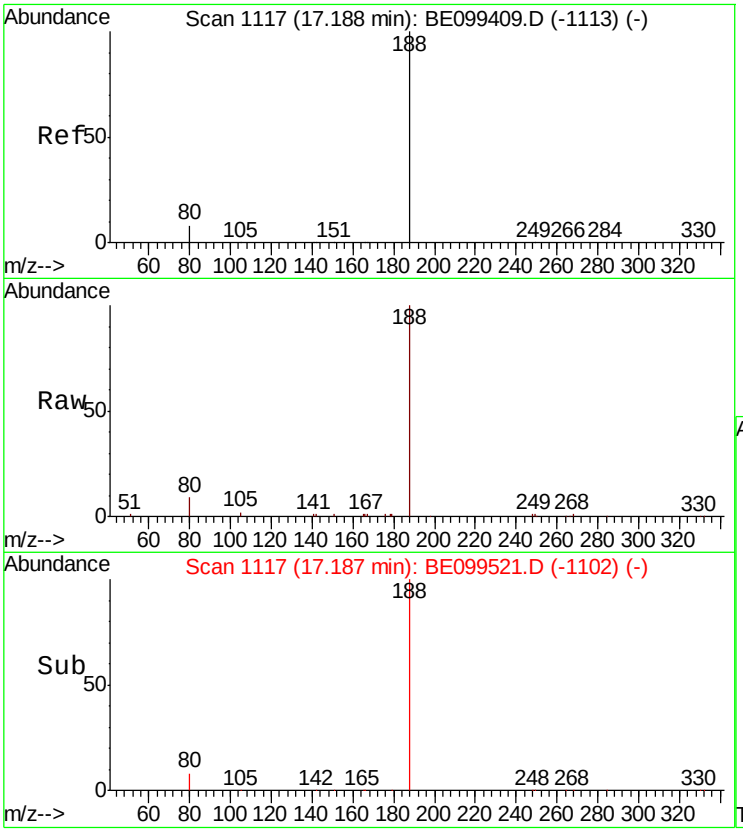


#18
Fluorene
Concen: 0.020 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:166 Resp: 505

Ion	Ratio	Lower	Upper
166	100		
165	89.3	80.3	120.5
167	0.0	10.7	16.1#



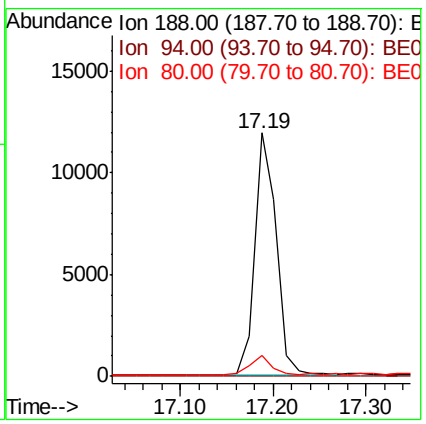


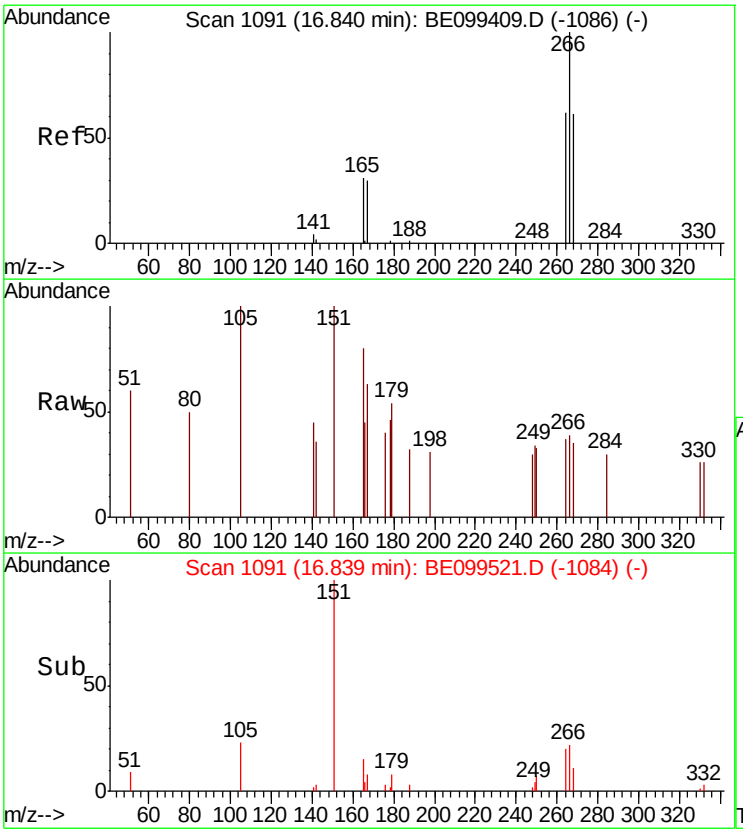
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:188 Resp: 19196

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

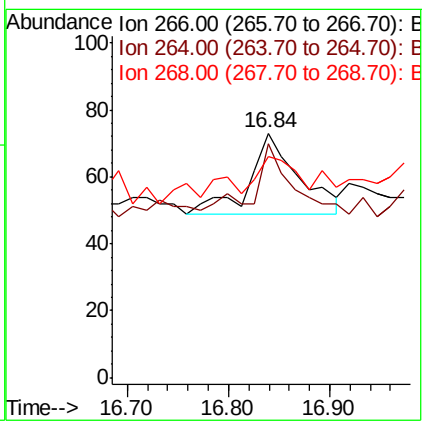


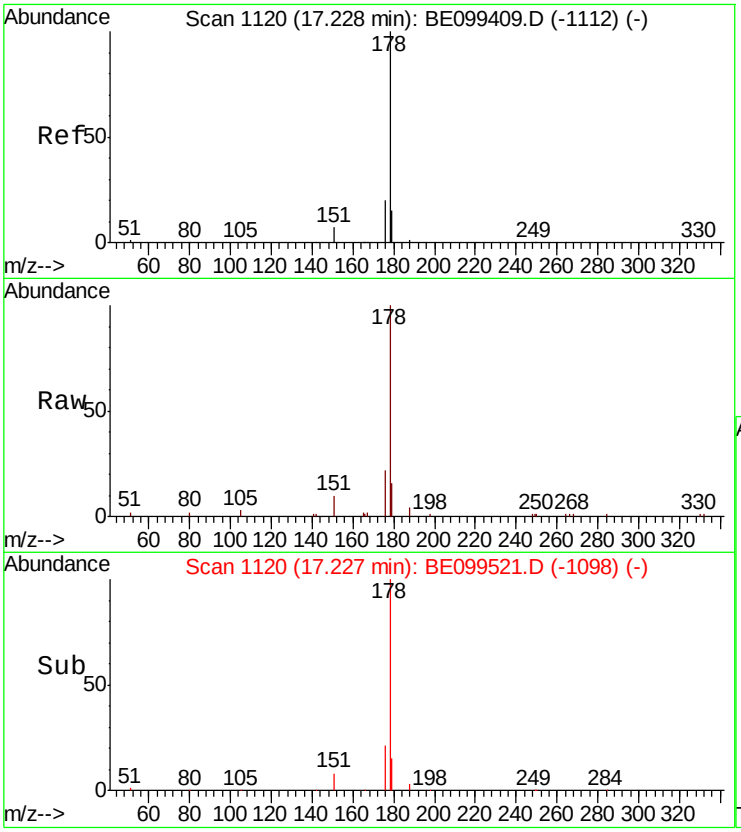


#22
Pentachlorophenol
Concen: 0.229 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	95.9	50.8	76.2#
268	90.4	50.5	75.7#



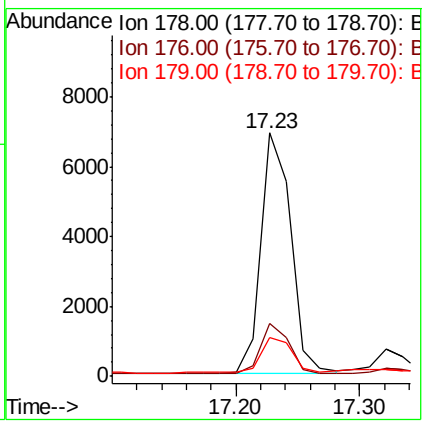


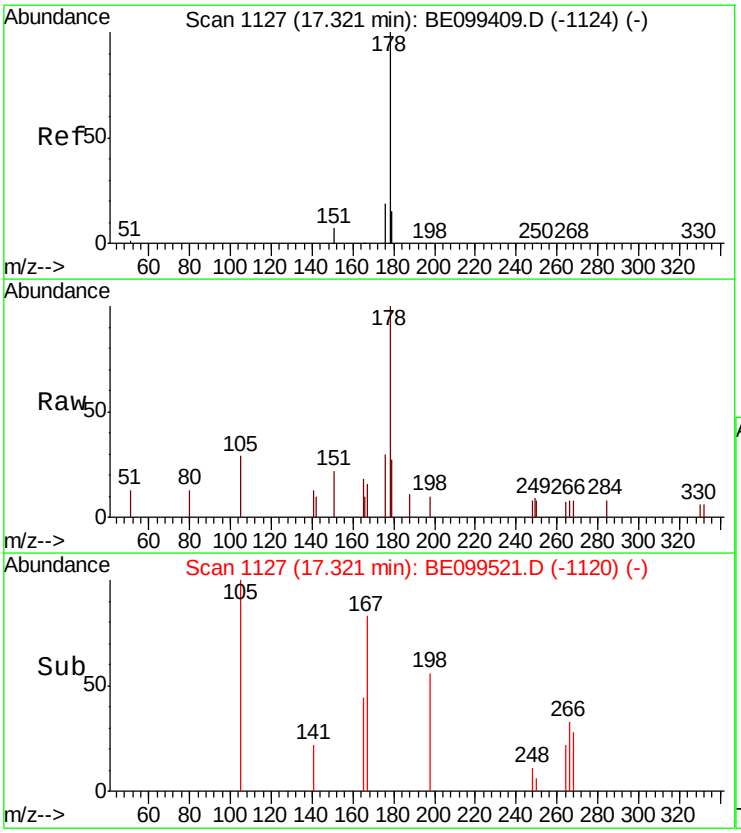
#23
Phenanthrene
Concen: 0.230 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:178 Resp: 11403

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	16.1	12.0	18.0

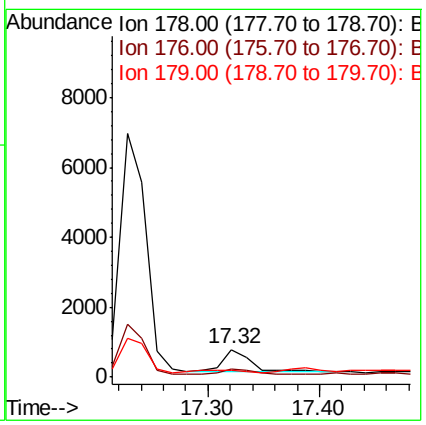


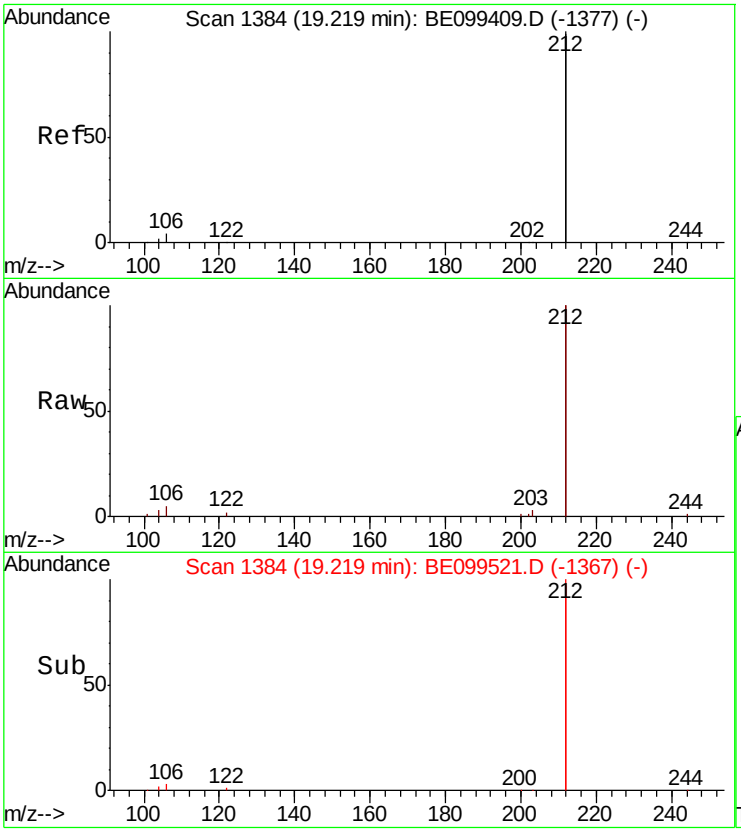


#24
Anthracene
Concen: 0.023 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:178 Resp: 1092

Ion	Ratio	Lower	Upper
178	100		
176	22.5	14.9	22.3#
179	15.2	11.9	17.9



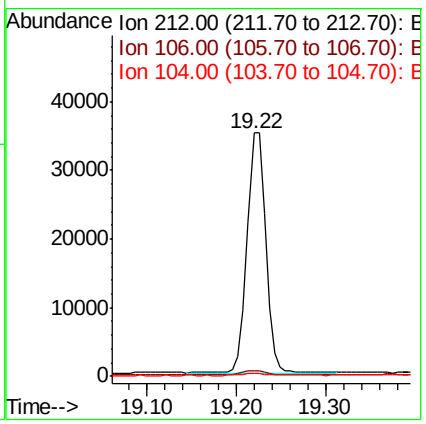


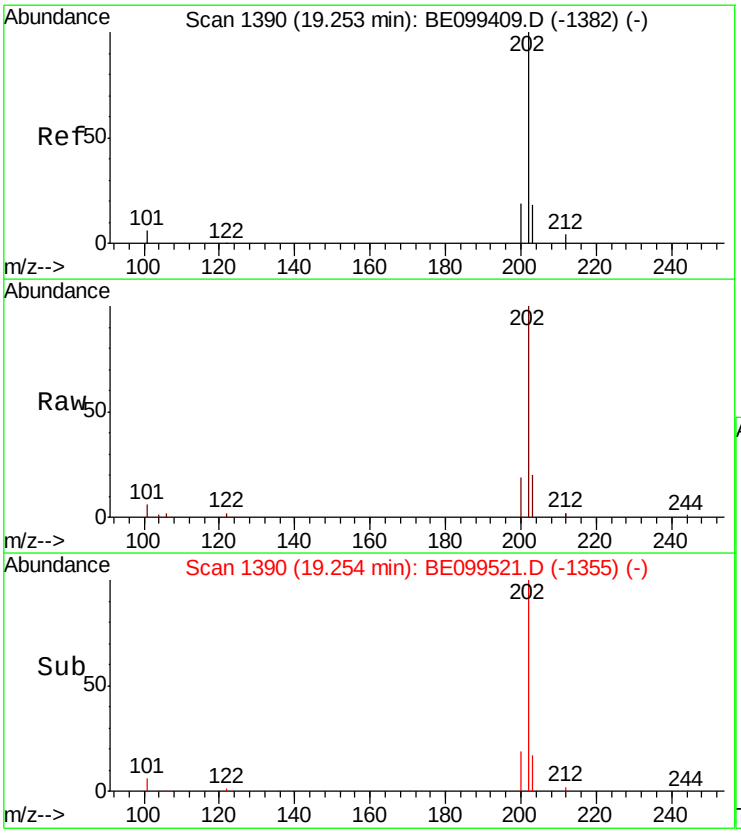
#25
Fluoranthene-d10
Concen: 0.190 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:212 Resp: 49078

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.5	2.3
104	1.2	0.9	1.3

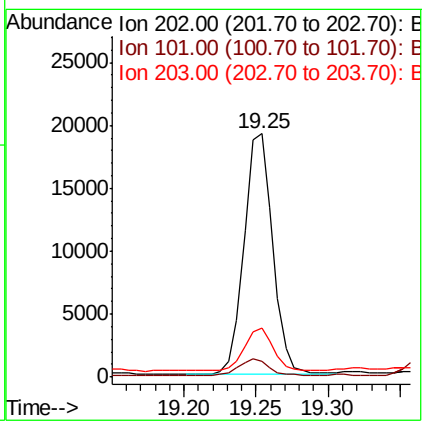


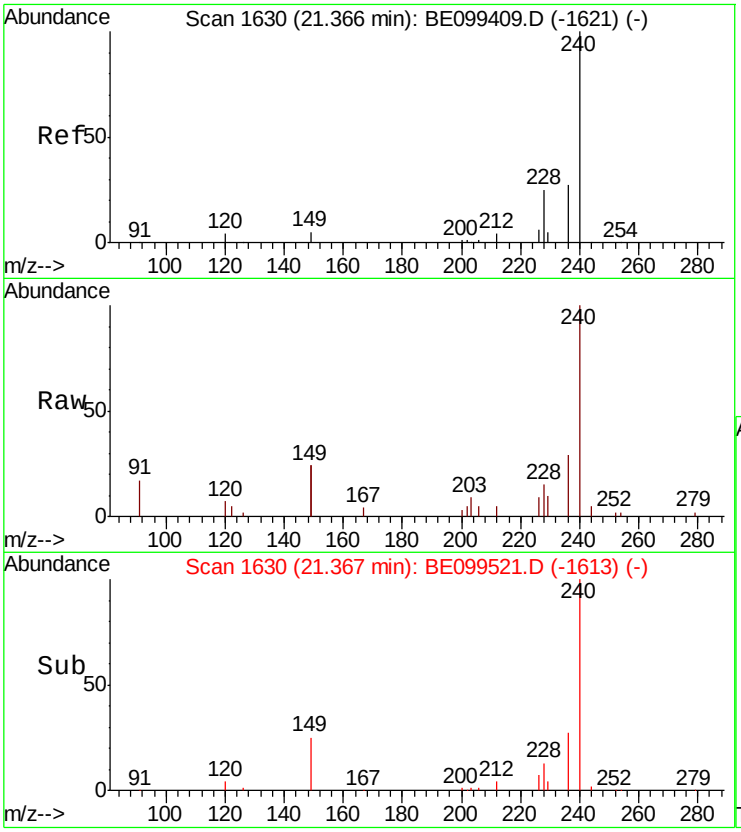


#26
Fluoranthene
Concen: 0.359 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:202 Resp: 26664

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.4	8.0
203	18.5	13.9	20.9



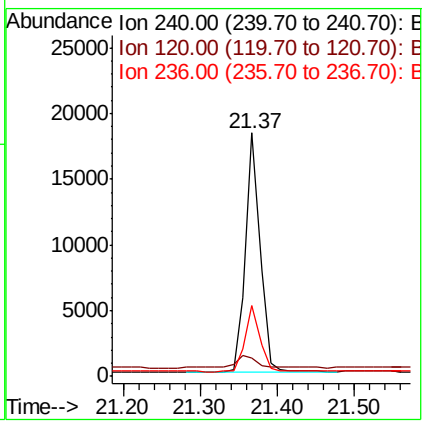


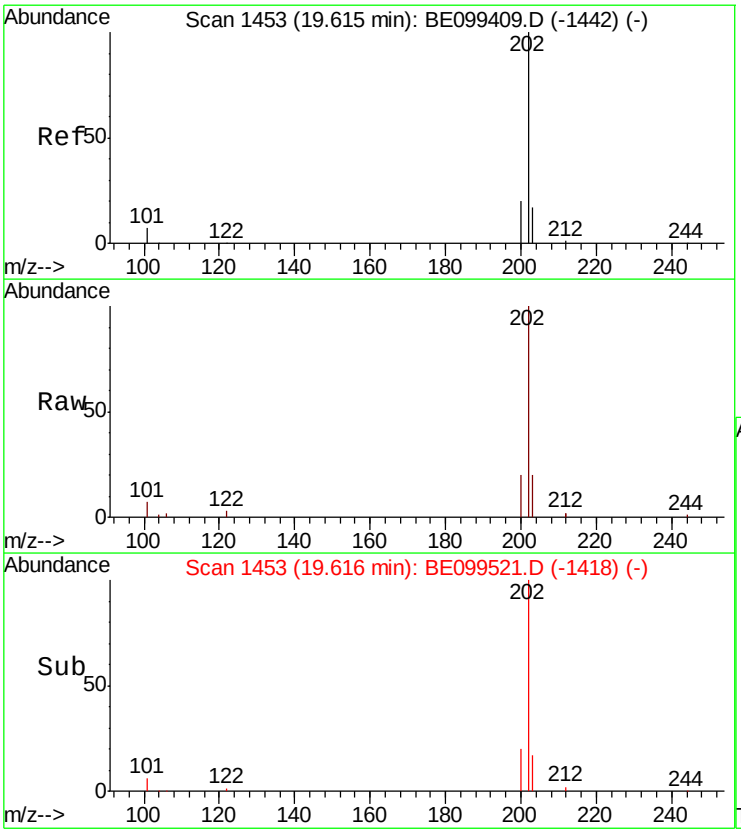
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:240 Resp: 24286

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.0	6.0#
236	29.0	22.0	33.0

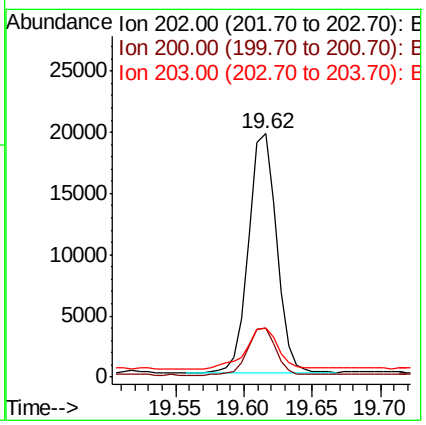


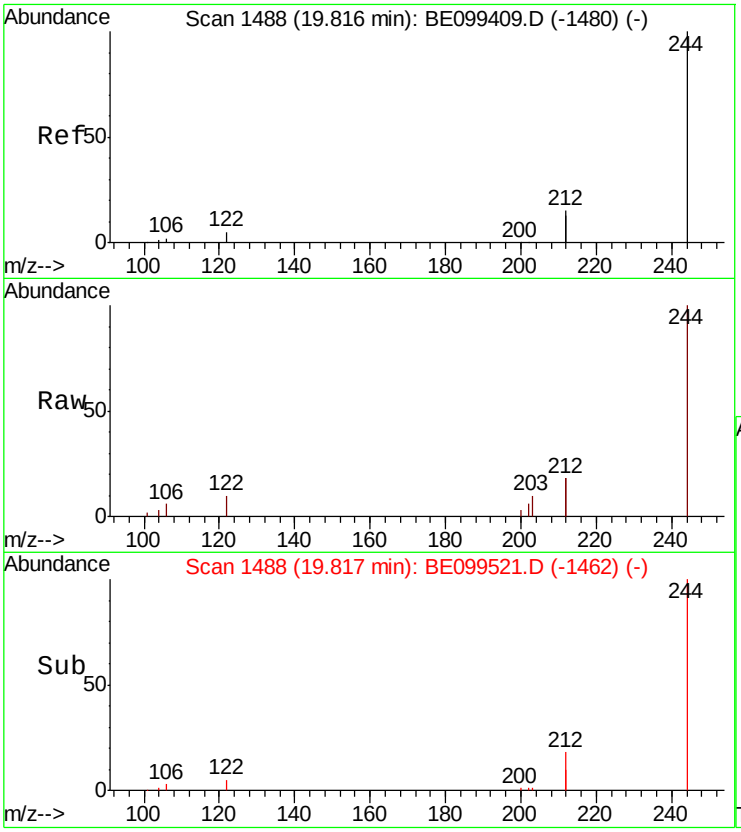


#28
Pyrene
Concen: 0.438 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:202 Resp: 27738

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	20.7	13.9	20.9



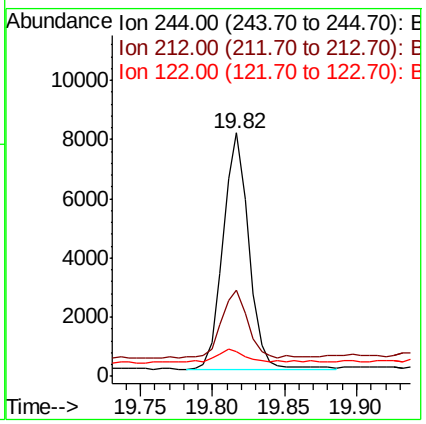


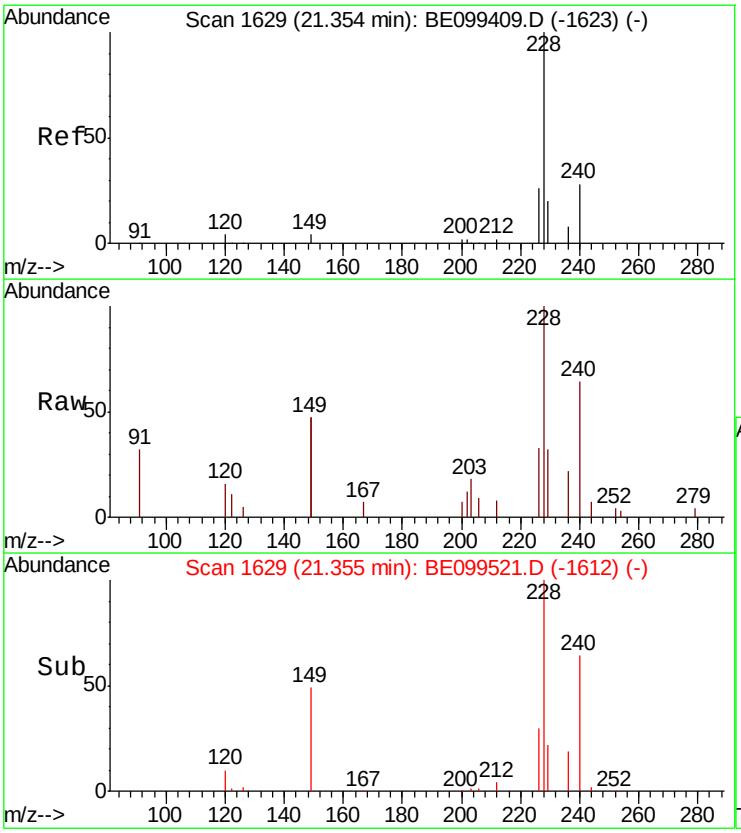
#29
Terphenyl-d14
Concen: 0.221 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:244 Resp: 9841

Ion	Ratio	Lower	Upper
244	100		
212	35.3	23.2	34.8#
122	10.2	4.2	6.4#

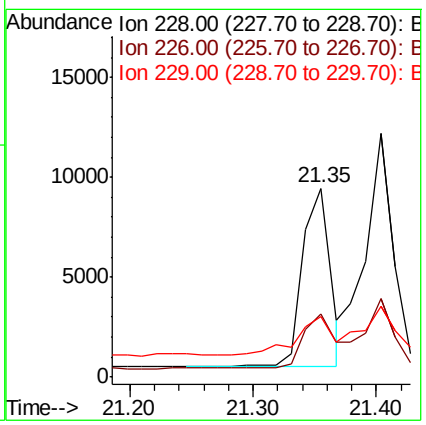


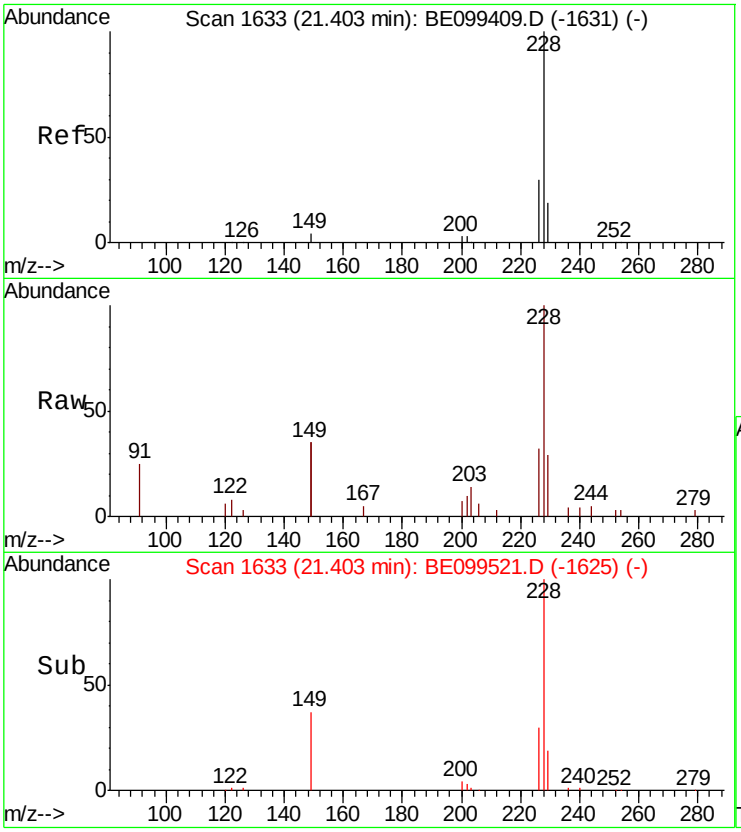


#30
Benzo(a)anthracene
Concen: 0.180 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:228 Resp: 13914

Ion	Ratio	Lower	Upper
228	100		
226	33.3	21.0	31.6#
229	32.3	16.6	25.0#



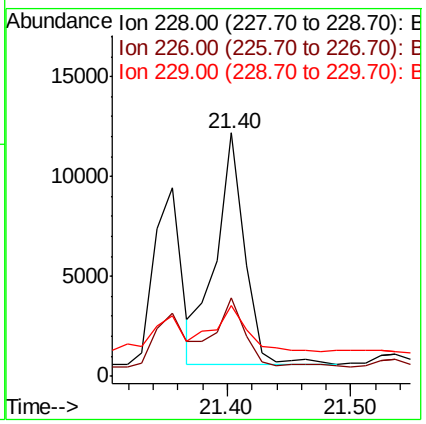


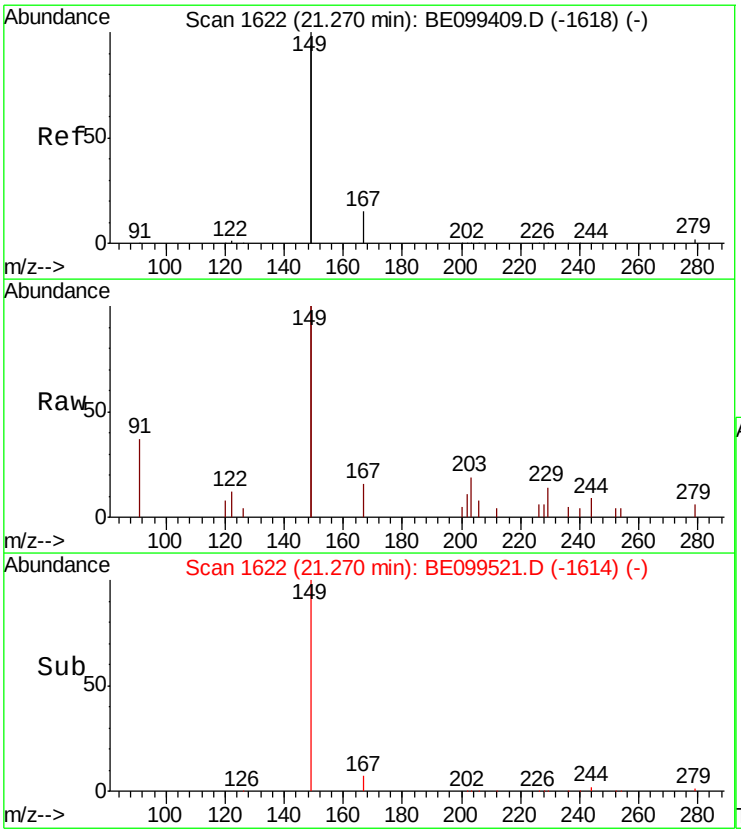
#31
Chrysene
Concen: 0.248 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:228 Resp: 18779

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.0	36.0
229	29.1	15.8	23.8#

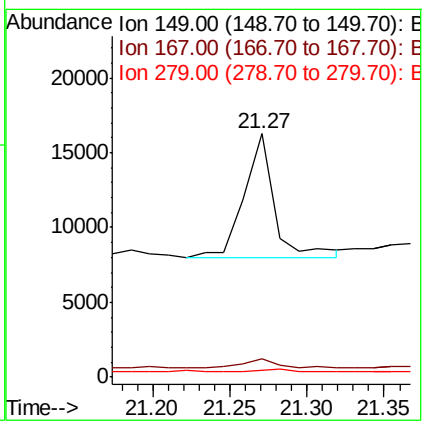


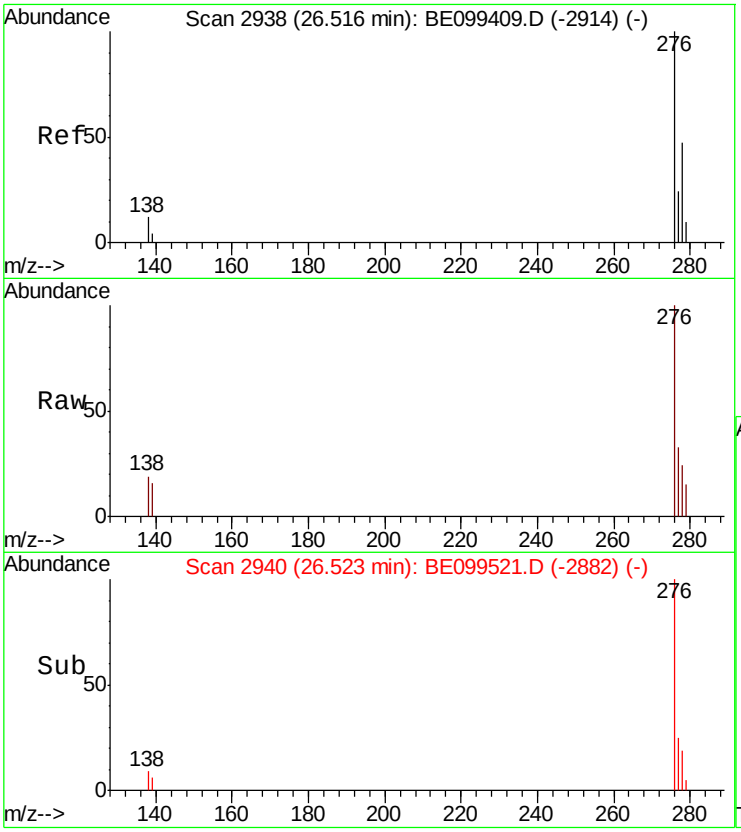


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:149 Resp: 11283

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.8	8.6
279	2.0	1.0	1.6#



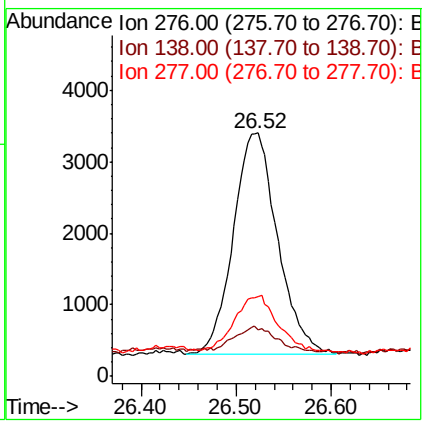


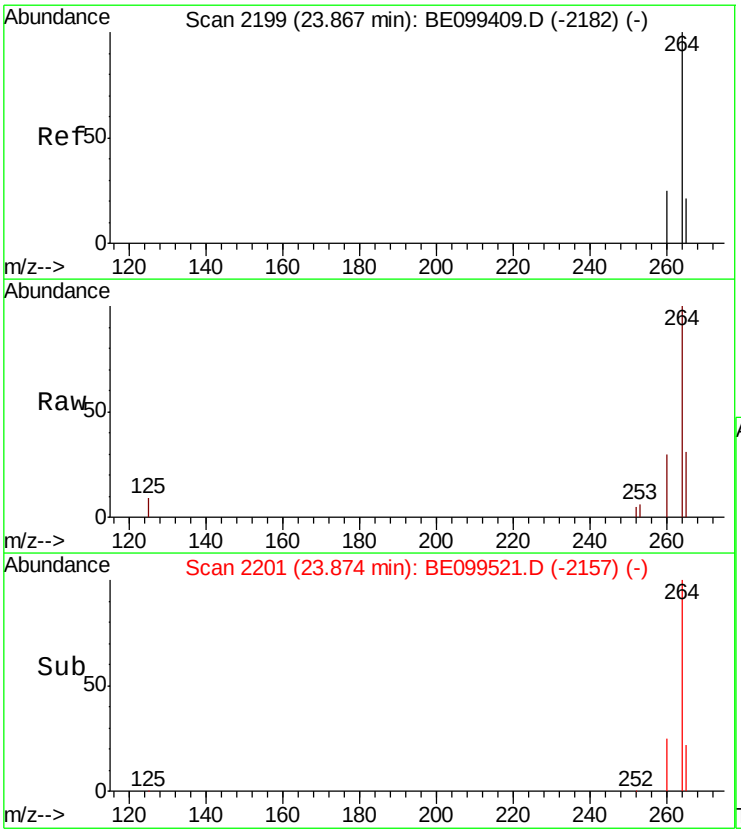
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.01 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:276 Resp: 9908

Ion	Ratio	Lower	Upper
276	100		
138	10.4	10.2	15.2
277	24.0	19.2	28.8

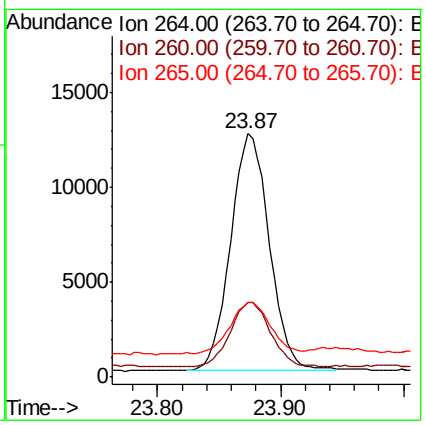


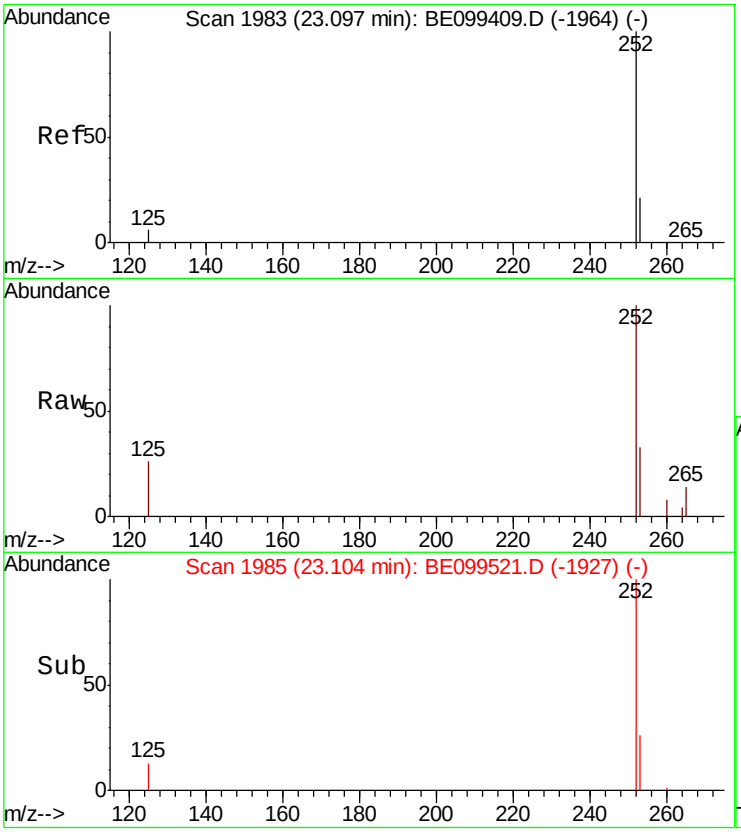


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:264 Resp: 27398

Ion	Ratio	Lower	Upper
264	100		
260	30.4	20.2	30.2#
265	30.6	21.3	31.9



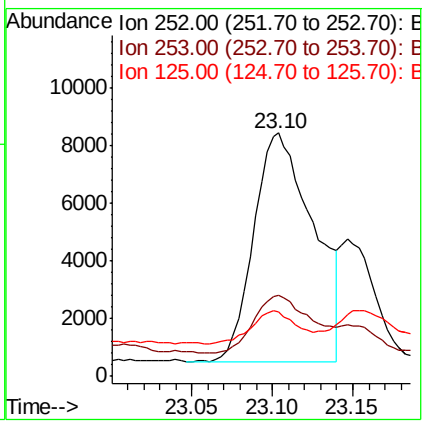


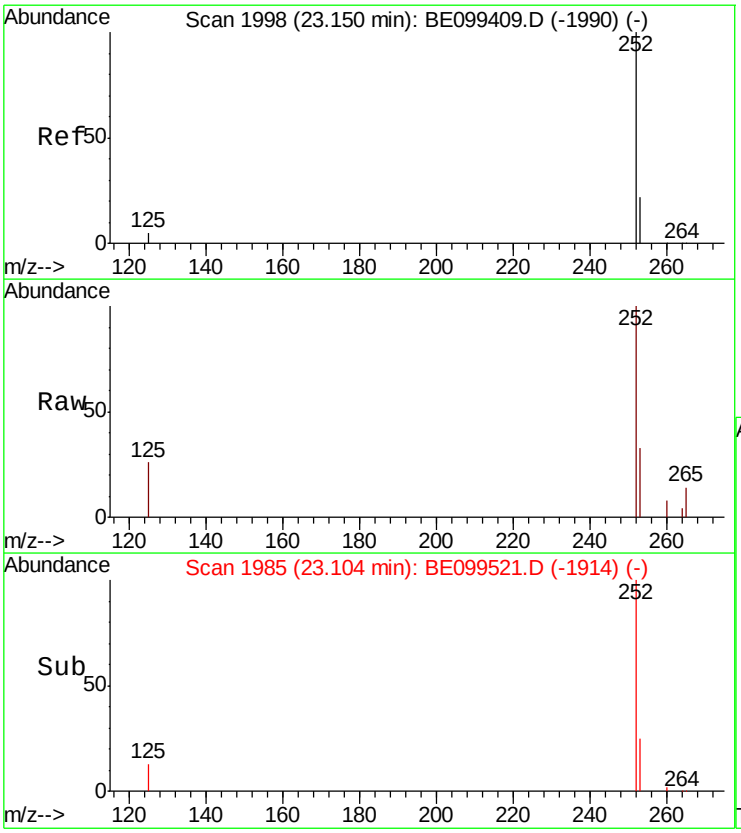
#35
Benzo(b)fluoranthene
Concen: 0.261 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:252 Resp: 20591

Ion	Ratio	Lower	Upper
252	100		
253	33.3	18.1	27.1#
125	26.5	5.6	8.4#

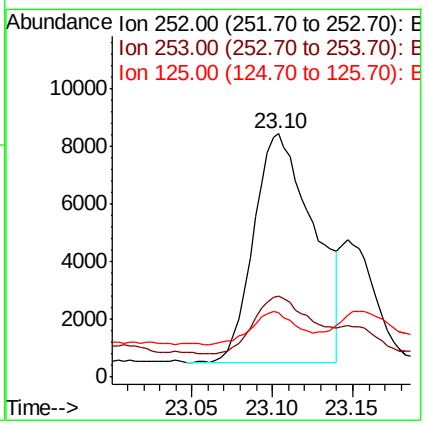


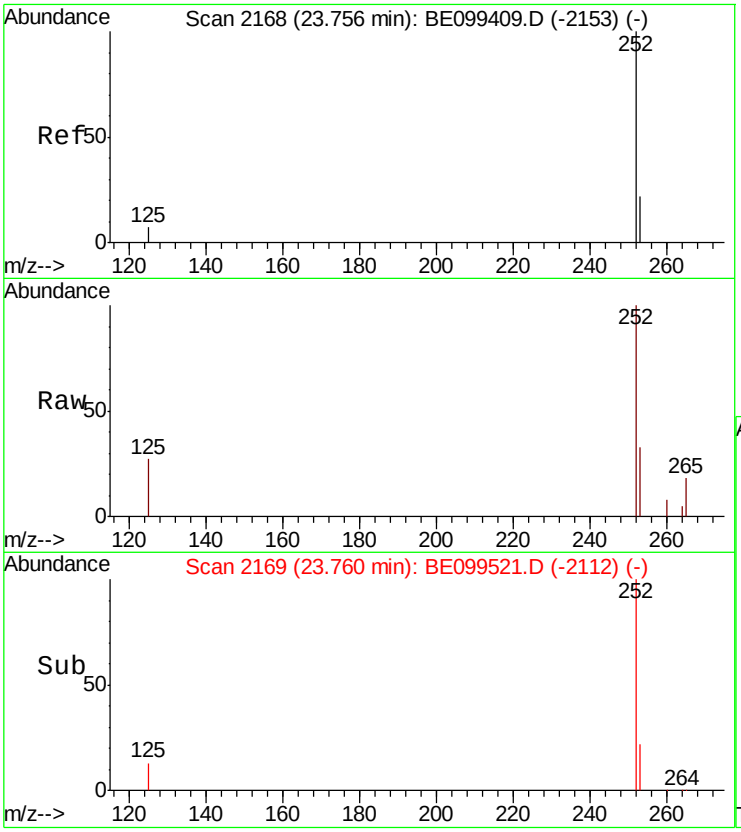


#36
Benzo(k)fluoranthene
Concen: 0.270 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:252 Resp: 20591

Ion	Ratio	Lower	Upper
252	100		
253	33.3	18.4	27.6#
125	26.5	5.0	7.4#



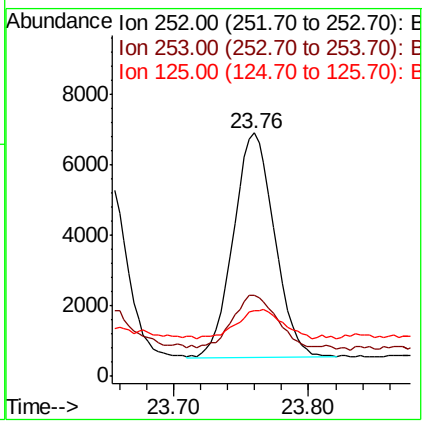


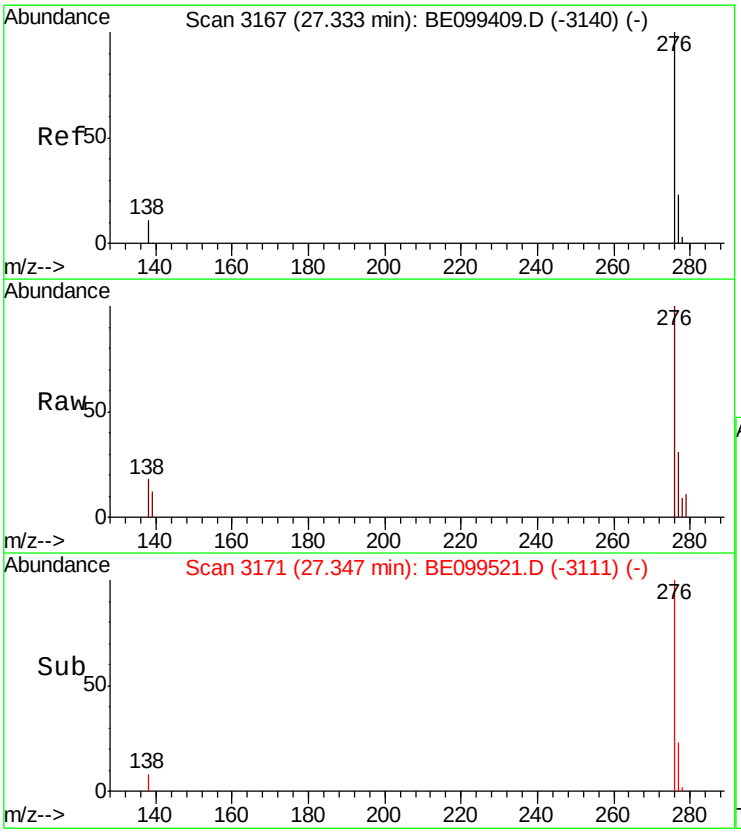
#37
Benzo(a)pyrene
Concen: 0.181 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Instrument :
BNA_E
ClientSampleId :
PST-001-B189-042419

Tgt Ion:252 Resp: 13533

Ion	Ratio	Lower	Upper
252	100		
253	33.1	18.9	28.3#
125	27.2	6.7	10.1#





#39
Benzo(g,h,i)perylene
Concen: 0.132 ng
RT: 27.35 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BE099521.D
Acq: 3 May 2019 8:31

Tgt Ion:276 Resp: 10114

Ion	Ratio	Lower	Upper
276	100		
277	31.3	19.5	29.3#
138	17.7	9.6	14.4#