Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099087.D
Acq On : 22 Mar 2019 19:33
Operator : JU/SJ
Sample : K1948-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-028-SW064-031219

Quant Time: Mar 23 01:15:01 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 00:46:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2973	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	11289	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	7155	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	20934	0.40	ng		0.00
27) Chrysene-d12	21.39	240	31630	0.40	ng		0.00
34) Perylene-d12	23.90	264	34707	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3983	0.45	ng		0.00
5) Phenol-d6	6.99	99	5822	0.46	ng		0.00
8) Nitrobenzene-d5	9.16	82	224	0.05	ng		0.17
11) 2-Methylnaphthalene-d10	12.22	152	8436	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1117	0.53	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	11879	0.42	ng		0.00
25) Fluoranthene-d10	19.24	212	124475	0.45	ng		0.00
29) Terphenyl-d14	19.84	244	21198	0.32	ng		0.00
Target Compounds							Qvalue
22) Pentachlorophenol	16.87	266	67	0.266	ng		91
23) Phenanthrene	17.25	178	4861	0.078	ng		99
26) Fluoranthene	19.27	202	10707	0.122	ng		98
28) Pyrene	19.63	202	9684	0.090	ng		96
30) Benzo(a)anthracene	21.37	228	6091	0.055	ng		98
31) Chrysene	21.37	228	4179	0.038	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	18700	0.129	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	3865	0.032	ng	#	84
35) Benzo(b)fluoranthene	23.13	252	8577	0.071	ng	#	83
36) Benzo(k)fluoranthene	23.13	252	8577	0.073	ng	#	86
37) Benzo(a)pyrene	23.79	252	5616	0.051	ng	#	86
39) Benzo(g,h,i)perylene	27.38	276	4084	0.037	ng	#	85

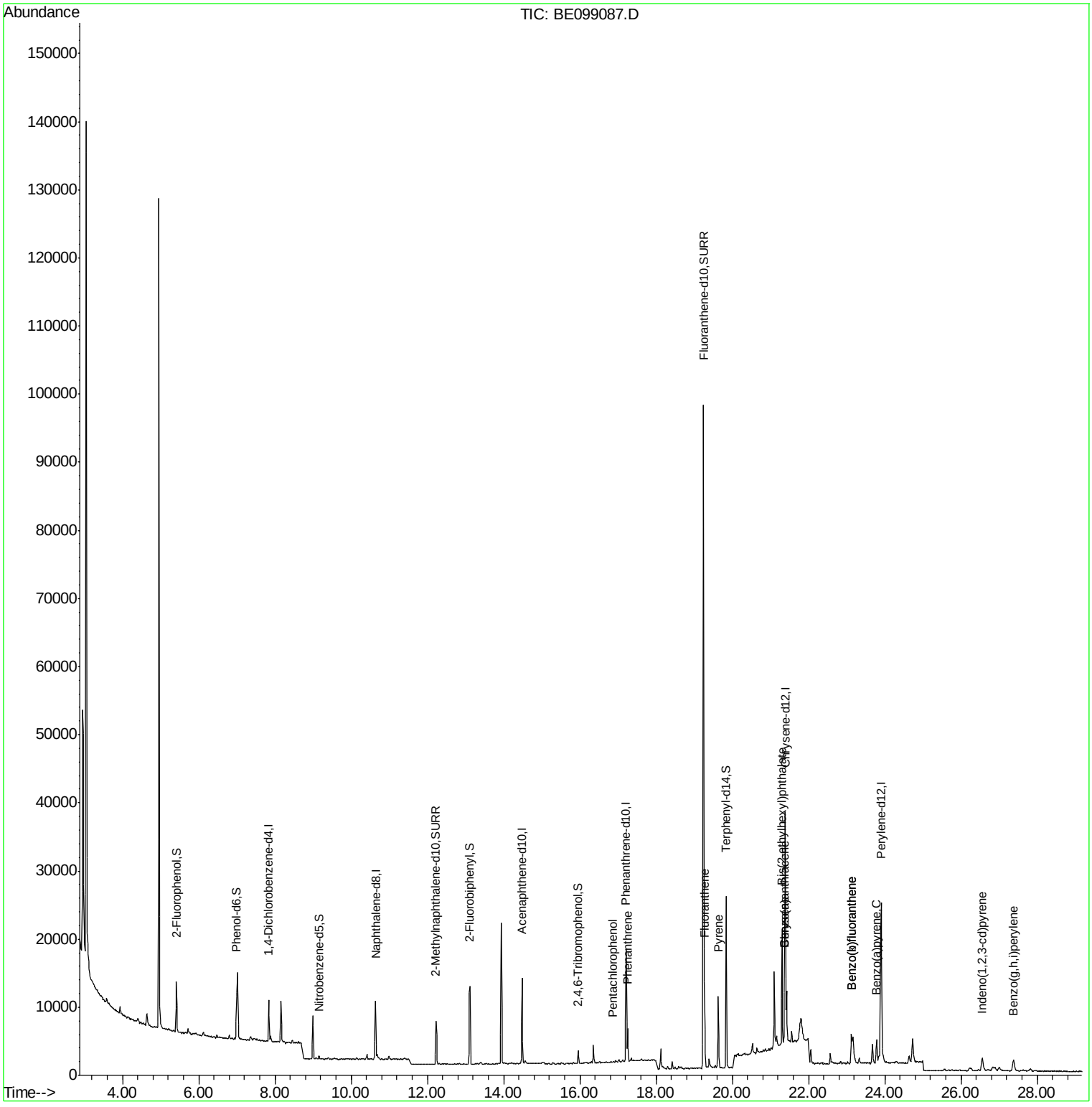
(#) = qualifier out of range (m) = manual integration (+) = signals summed

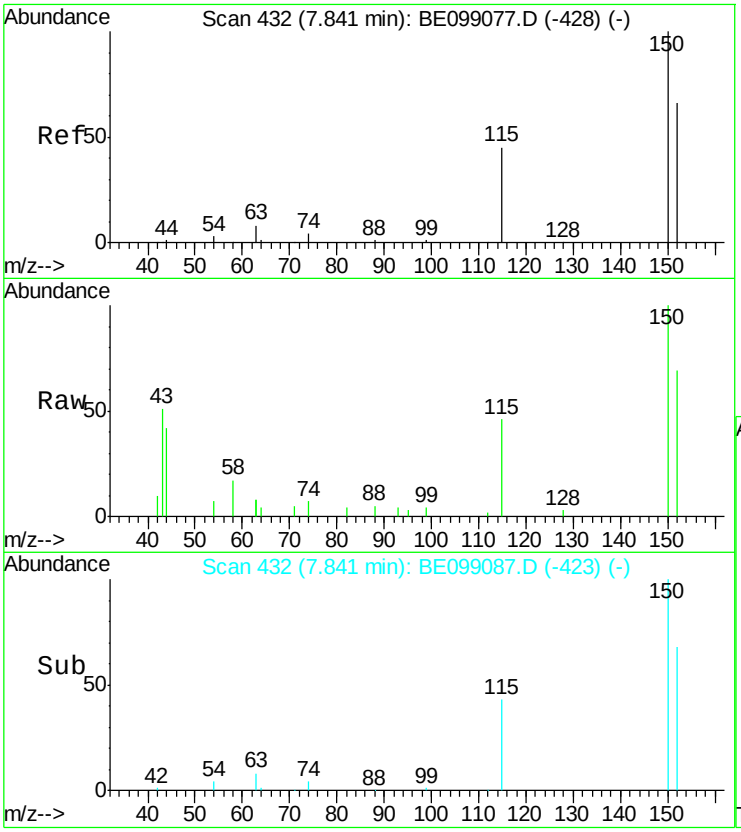
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099087.D
Acq On : 22 Mar 2019 19:33
Operator : JU/SJ
Sample : K1948-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Quant Time: Mar 23 01:15:01 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 00:46:37 2019
Response via : Initial Calibration



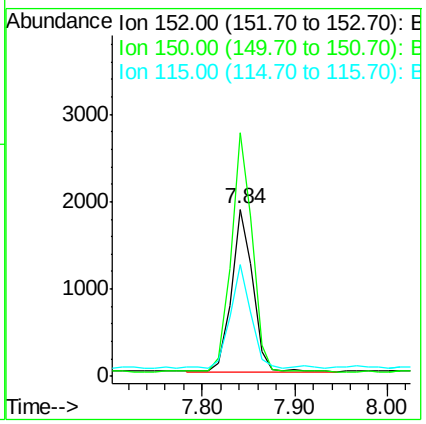


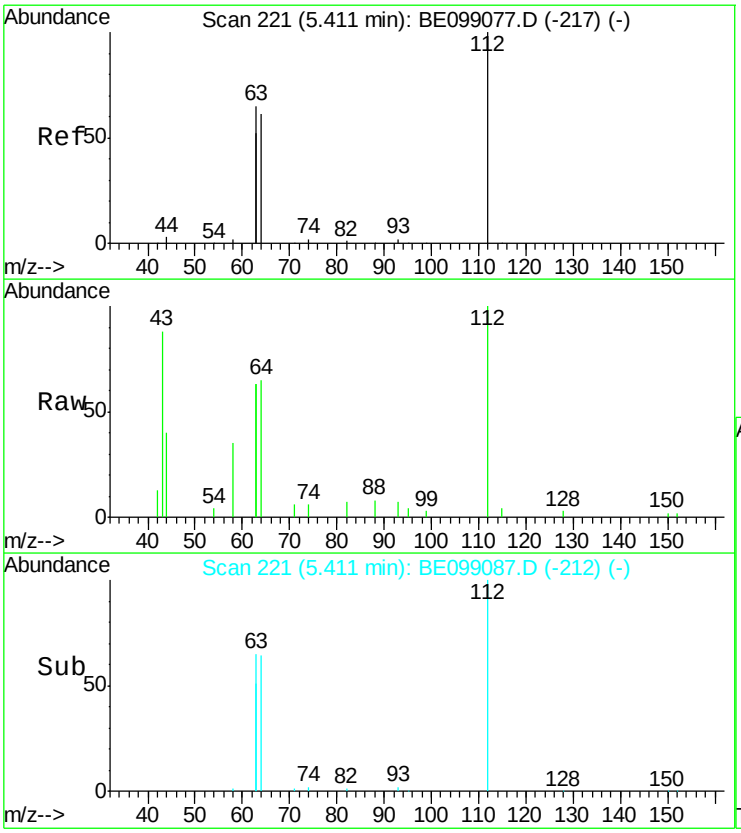
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:152 Resp: 2973

Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.5	183.7
115	66.7	57.4	86.2

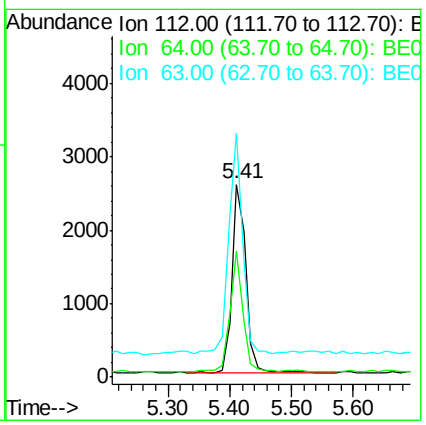


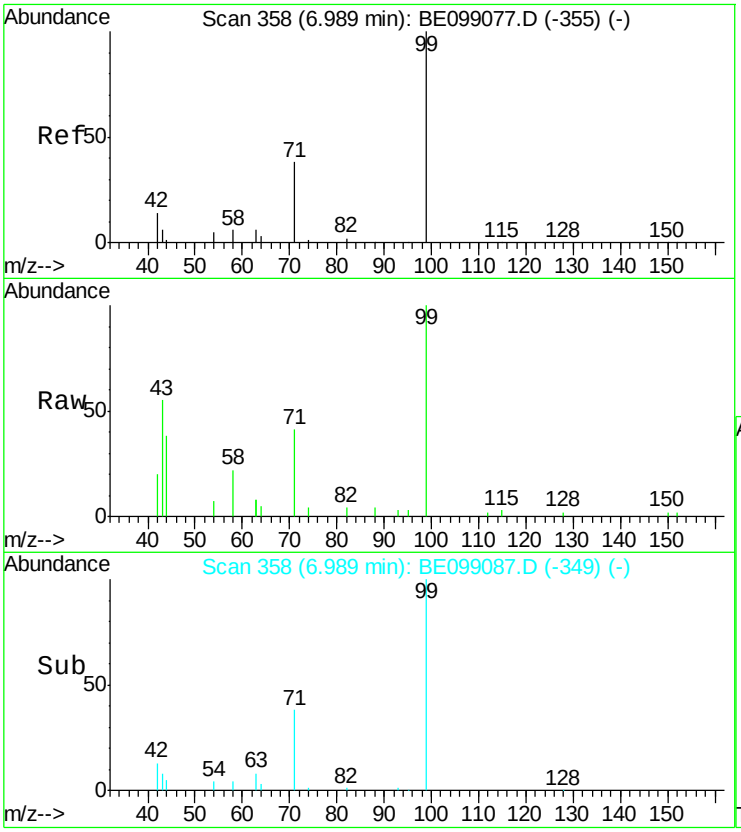


#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:112 Resp: 3983

Ion	Ratio	Lower	Upper
112	100		
64	59.5	57.9	86.9
63	115.7	158.3	237.5#



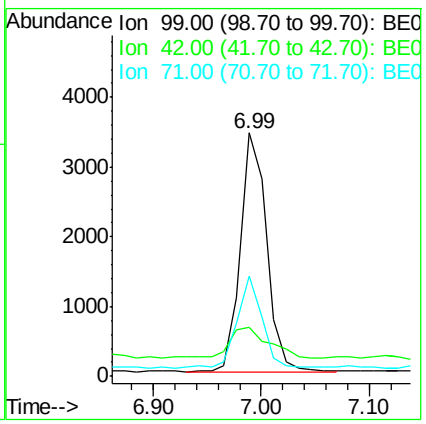


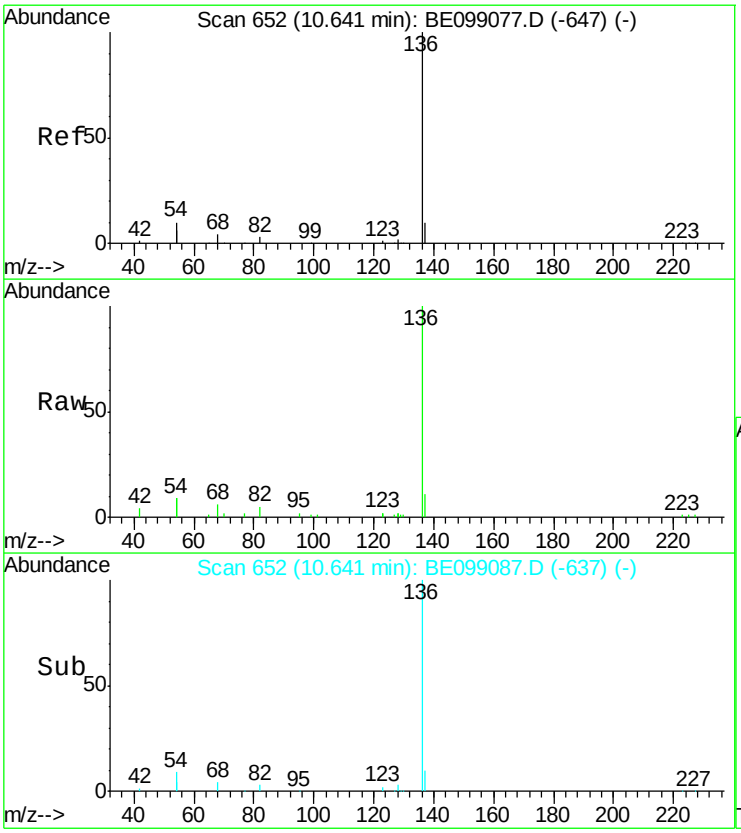
#5
Phenol-d6
Concen: 0.457 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion: 99 Resp: 5822

Ion	Ratio	Lower	Upper
99	100		
42	19.7	24.2	36.2#
71	35.8	35.7	53.5

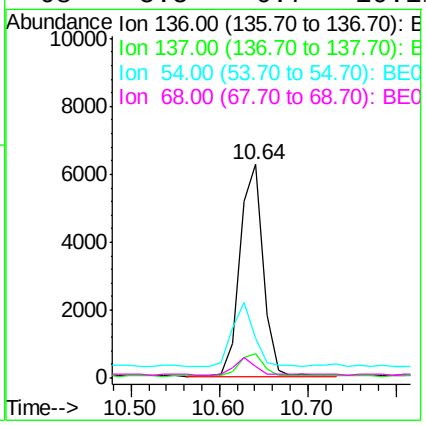


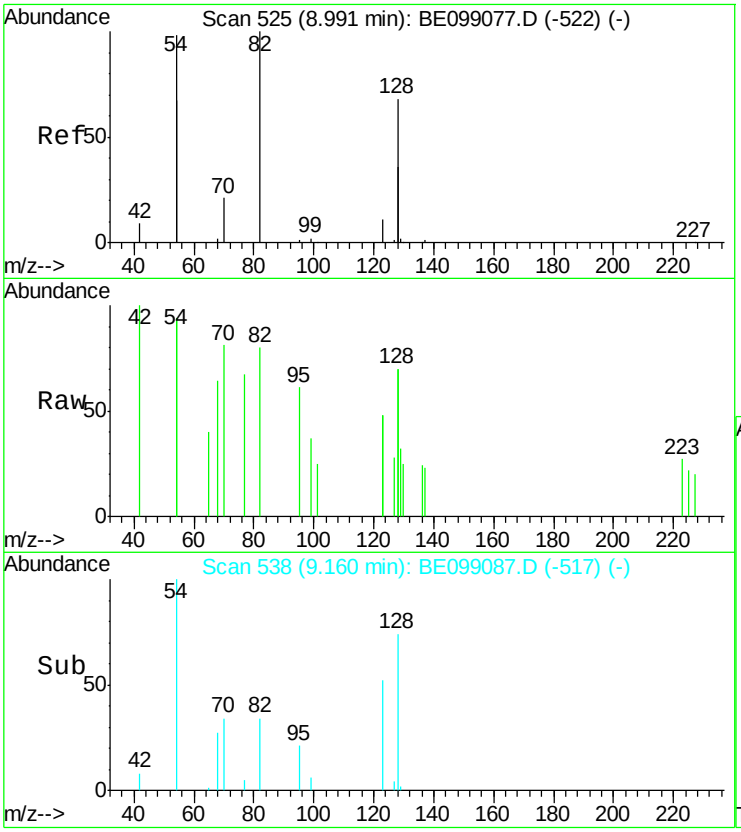


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:136 Resp: 11289

Ion	Ratio	Lower	Upper
136	100		
137	11.2	11.4	17.0#
54	18.6	39.3	58.9#
68	5.5	6.7	10.1#



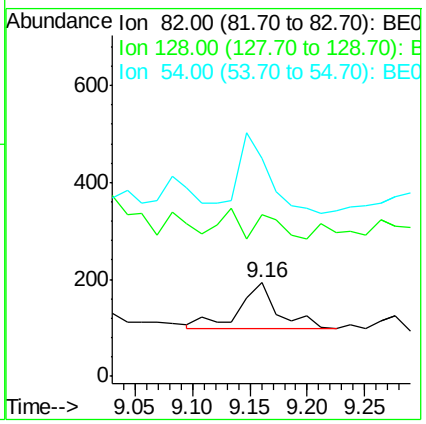


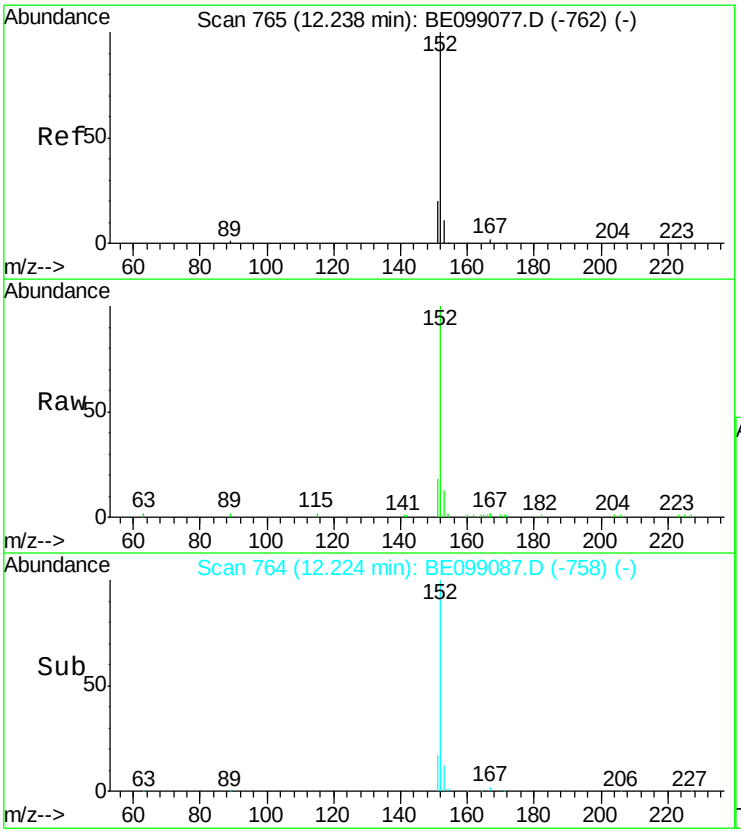
#8
Nitrobenzene-d5
Concen: 0.045 ng
RT: 9.16 min Scan# 538
Delta R.T. 0.17 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion: 82 Resp: 224

Ion	Ratio	Lower	Upper
82	100		
128	173.1	123.8	185.8
54	233.2	203.4	305.2

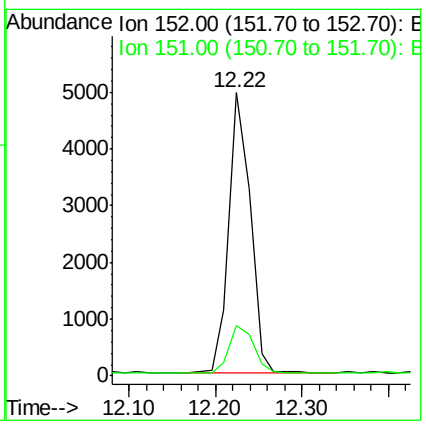


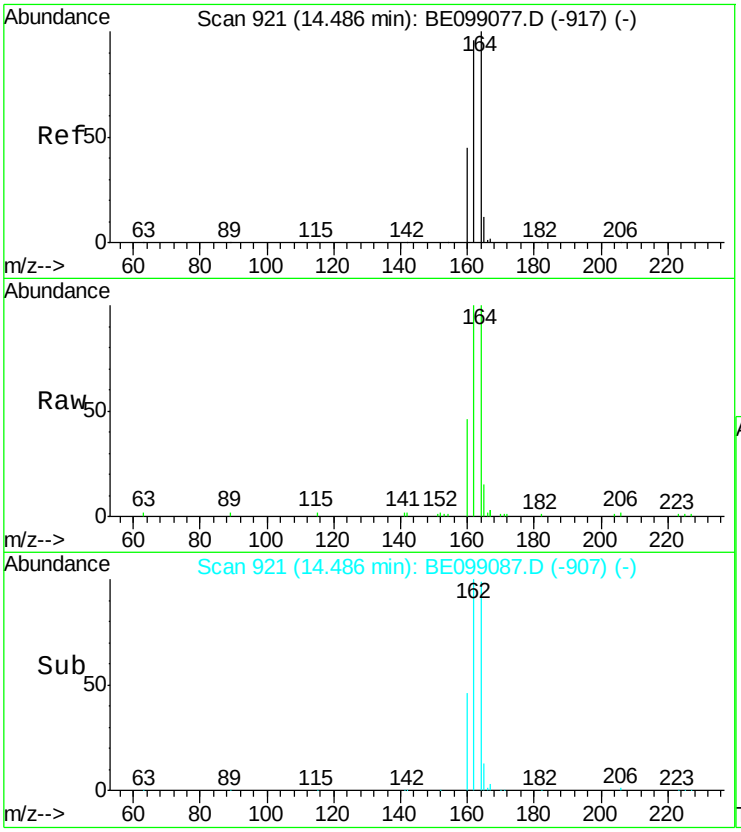


#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:152 Resp: 8436

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7



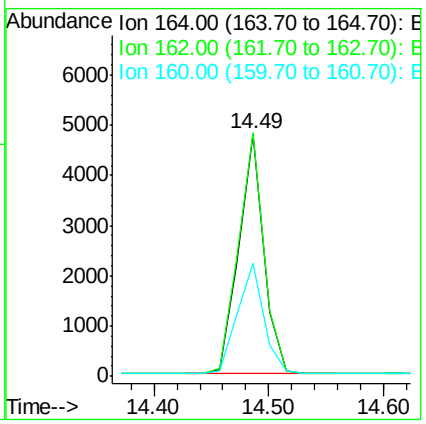


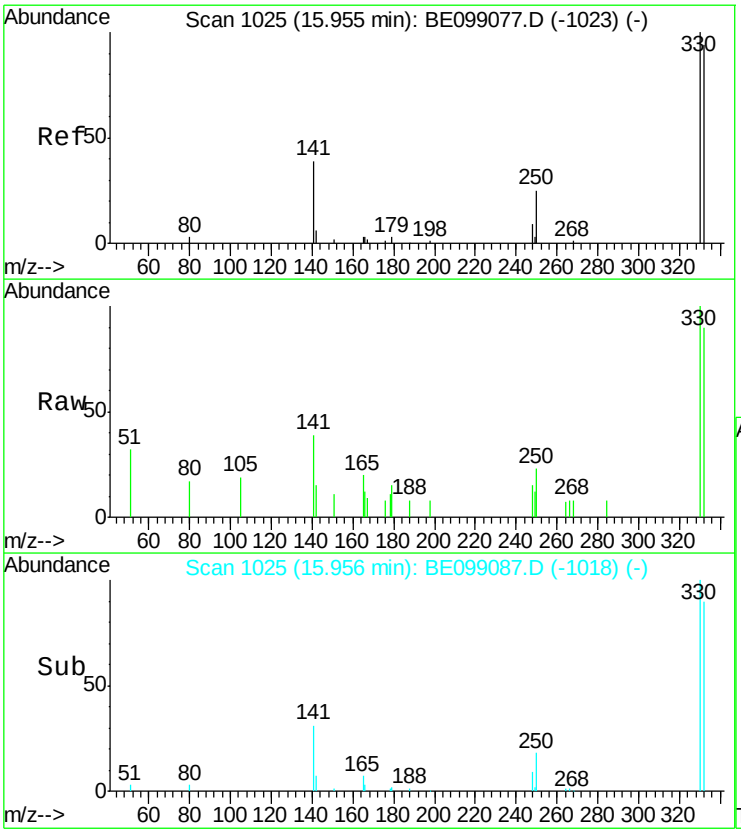
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:164 Resp: 7155

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	46.7	37.8	56.8

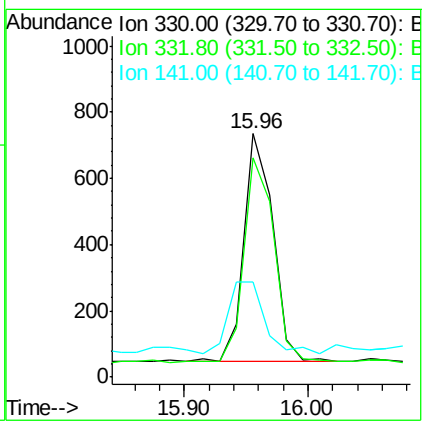


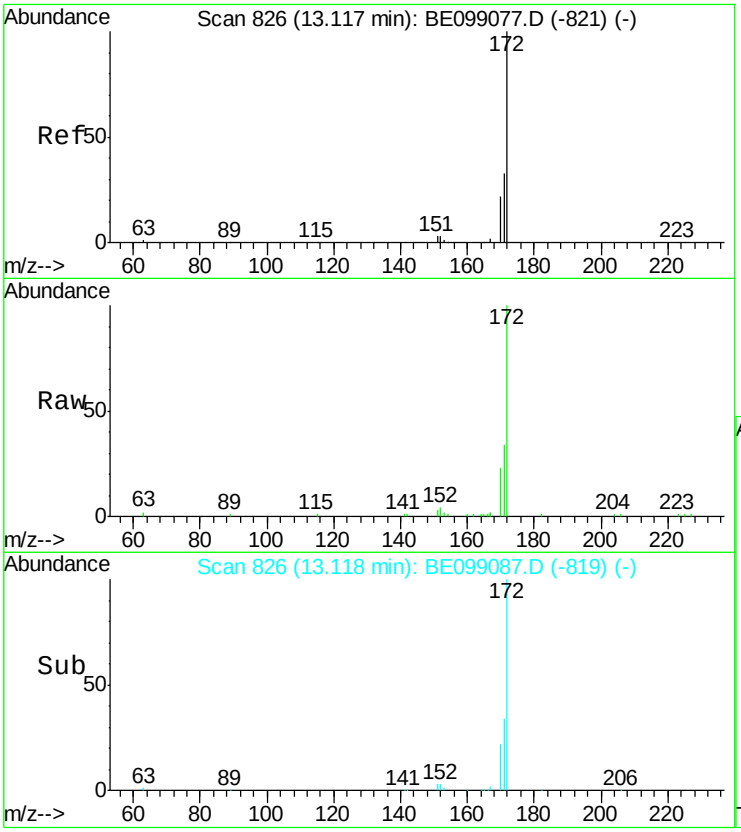


#14
2,4,6-Tribromophenol
Concen: 0.531 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:330 Resp: 1117

Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.6	116.4
141	39.3	31.0	46.4



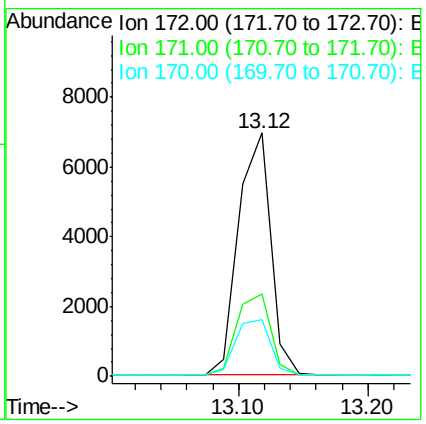


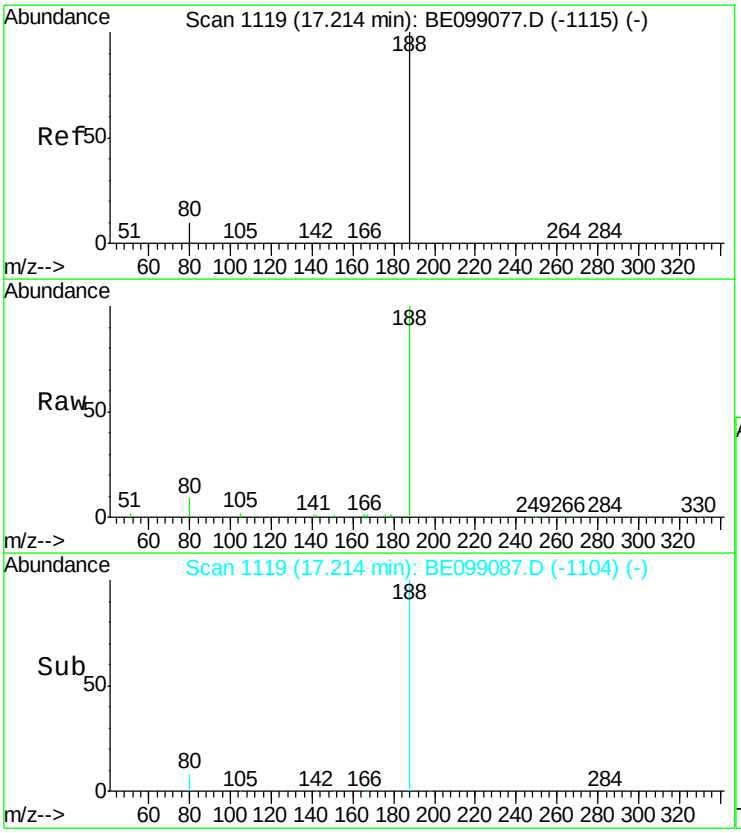
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:172 Resp: 11879

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	23.1	17.7	26.5

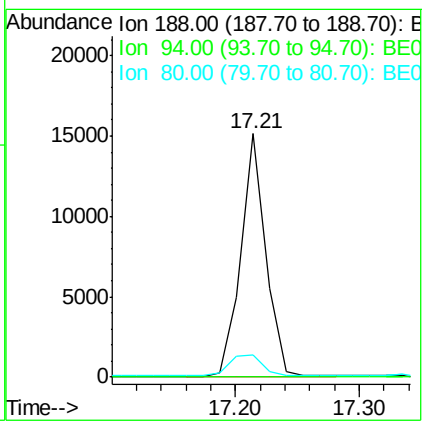


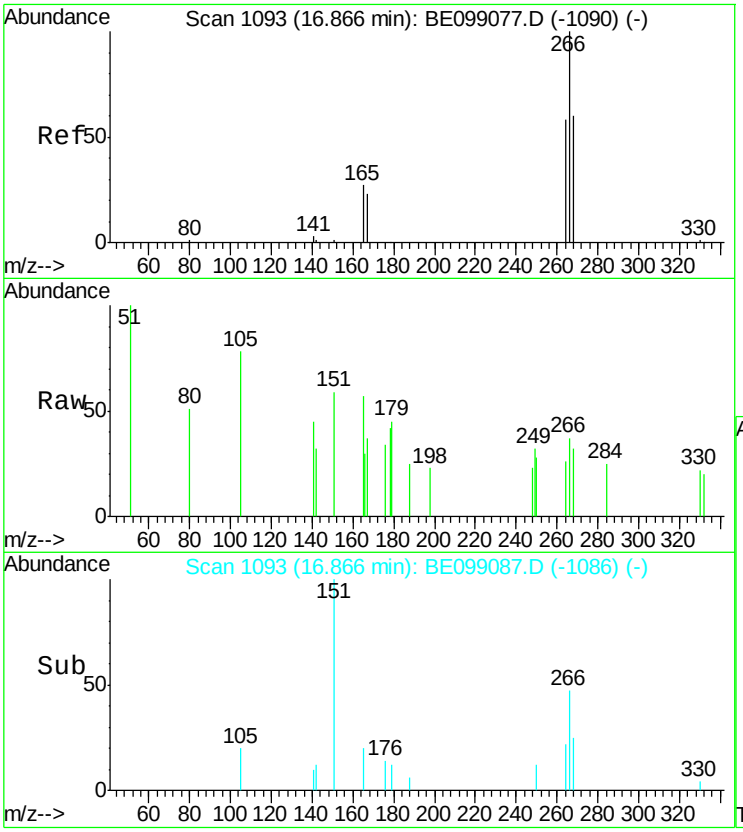


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:188 Resp: 20934

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5



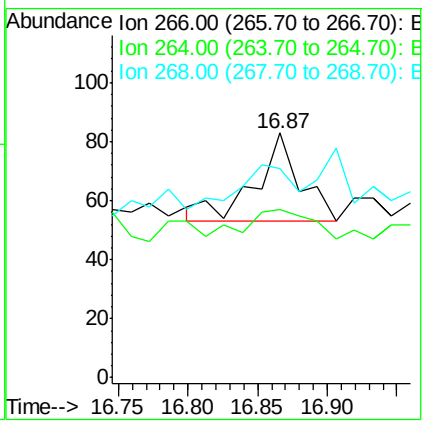


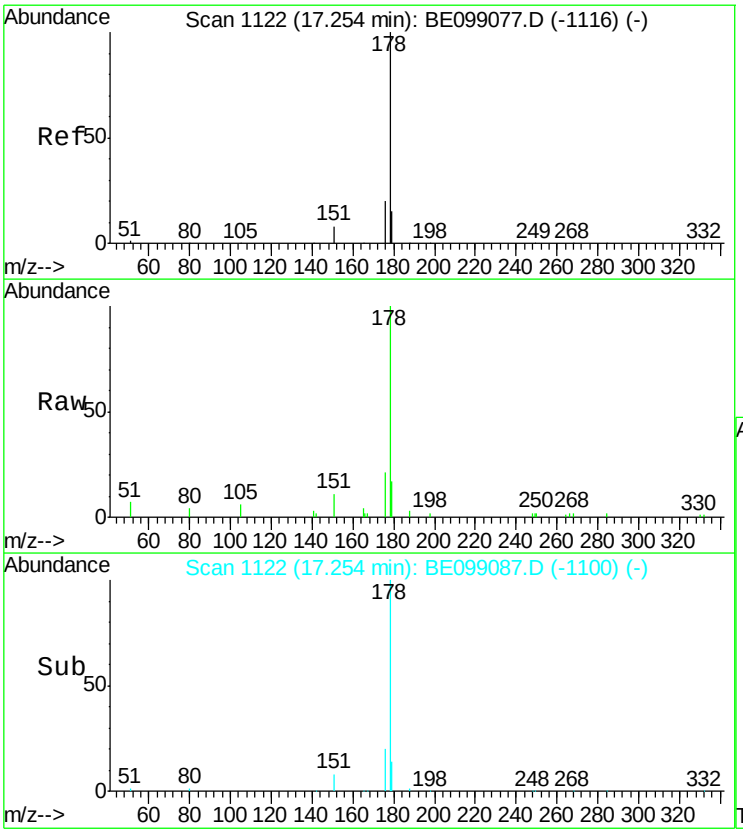
#22
Pentachlorophenol
Concen: 0.266 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	68.7	66.6	100.0
268	85.5	69.8	104.8

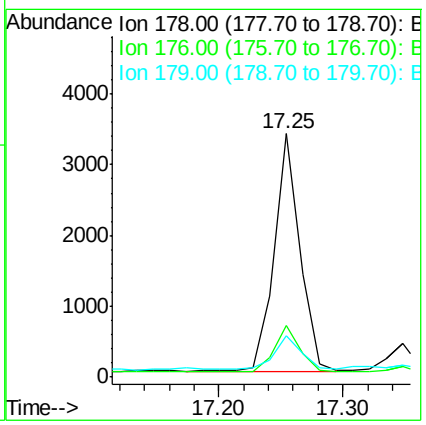


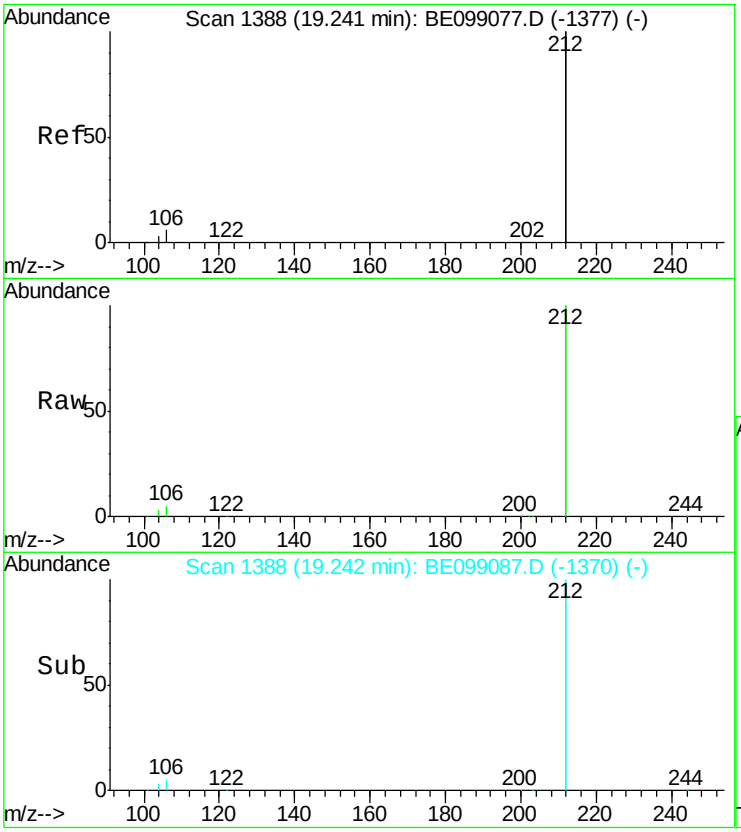


#23
Phenanthrene
Concen: 0.078 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:178 Resp: 4861

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	14.7	12.1	18.1



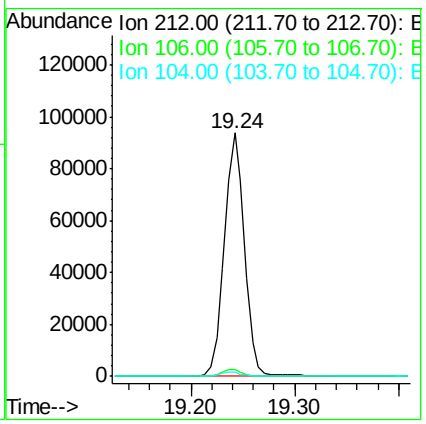


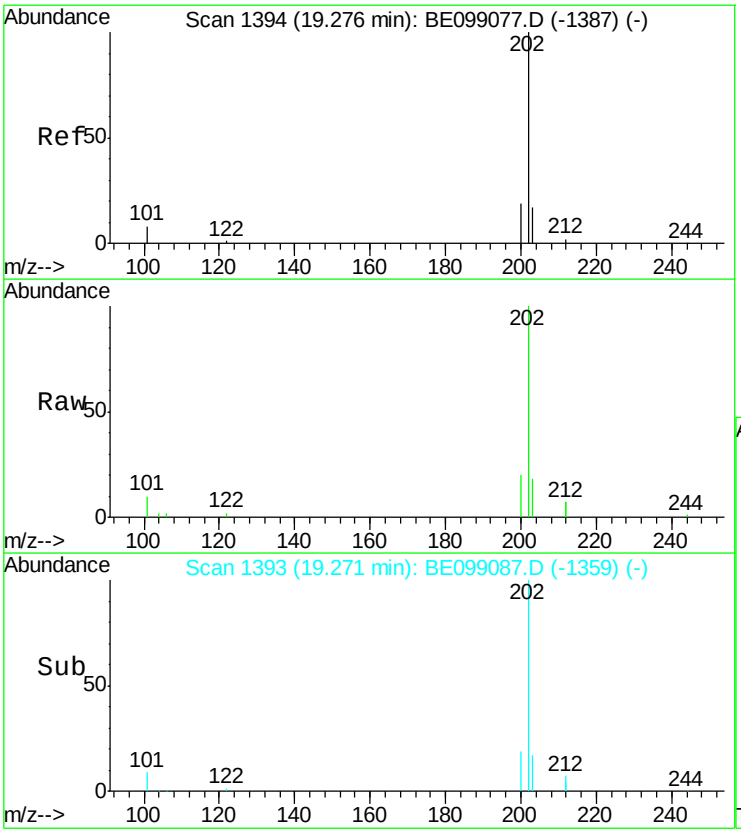
#25
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:212 Resp: 124475

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6

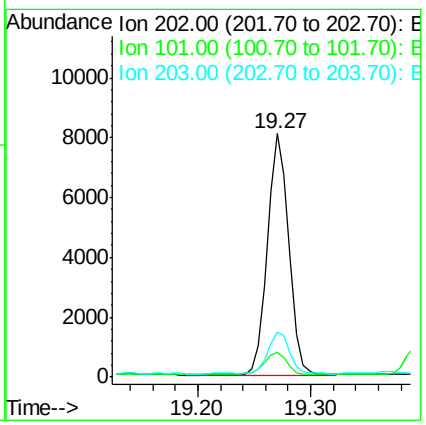


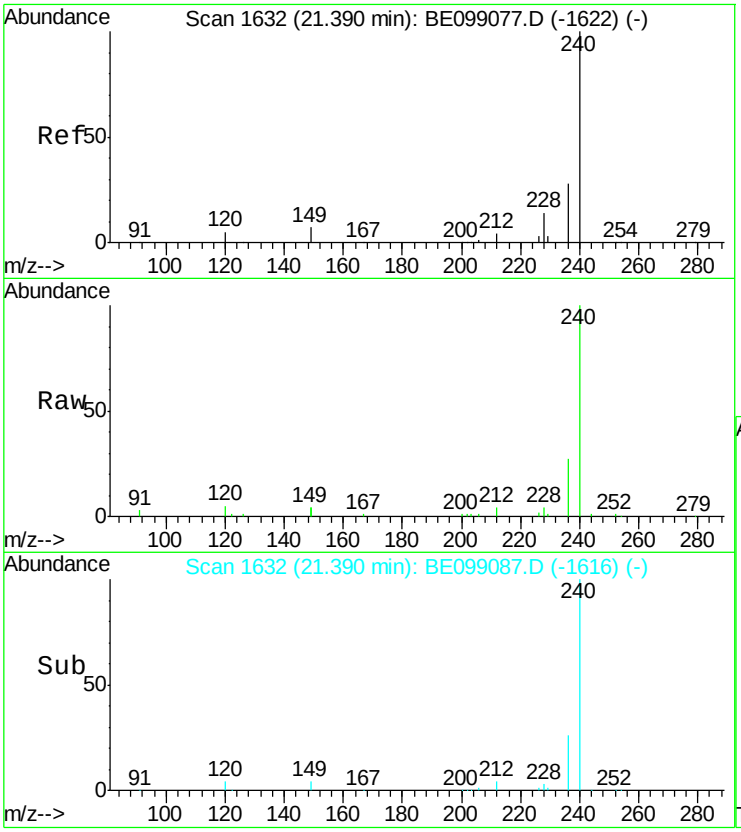


#26
Fluoranthene
Concen: 0.122 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:202 Resp: 10707

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.3	10.9
203	17.2	13.4	20.2



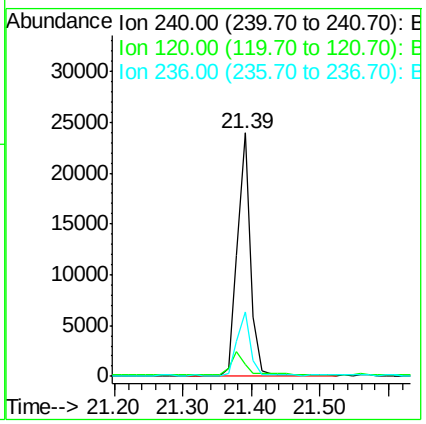


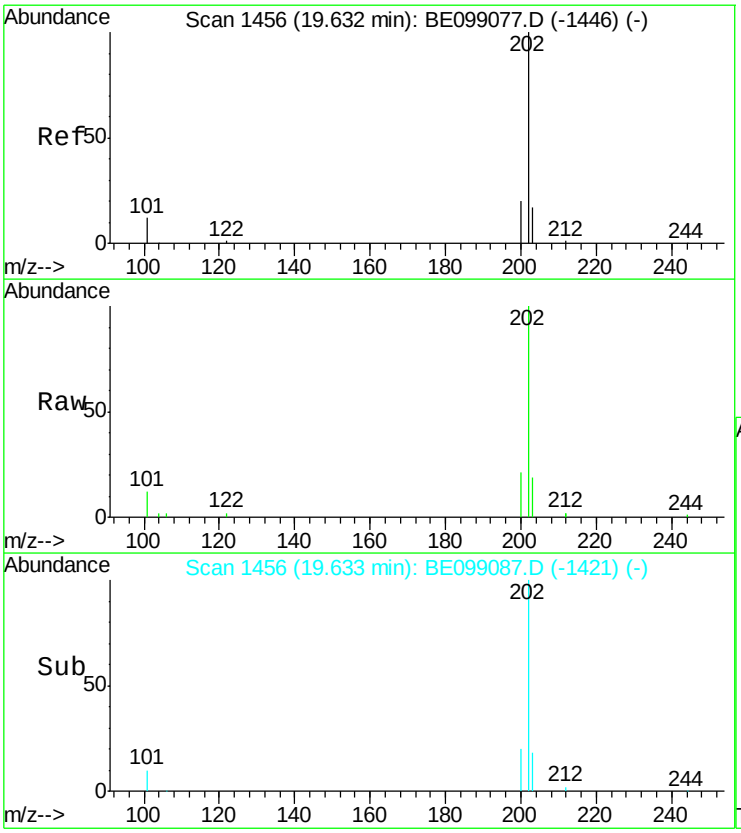
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:240 Resp: 31630

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.0	7.4#
236	26.5	22.7	34.1

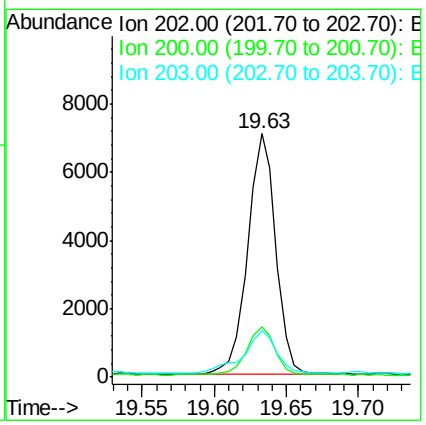


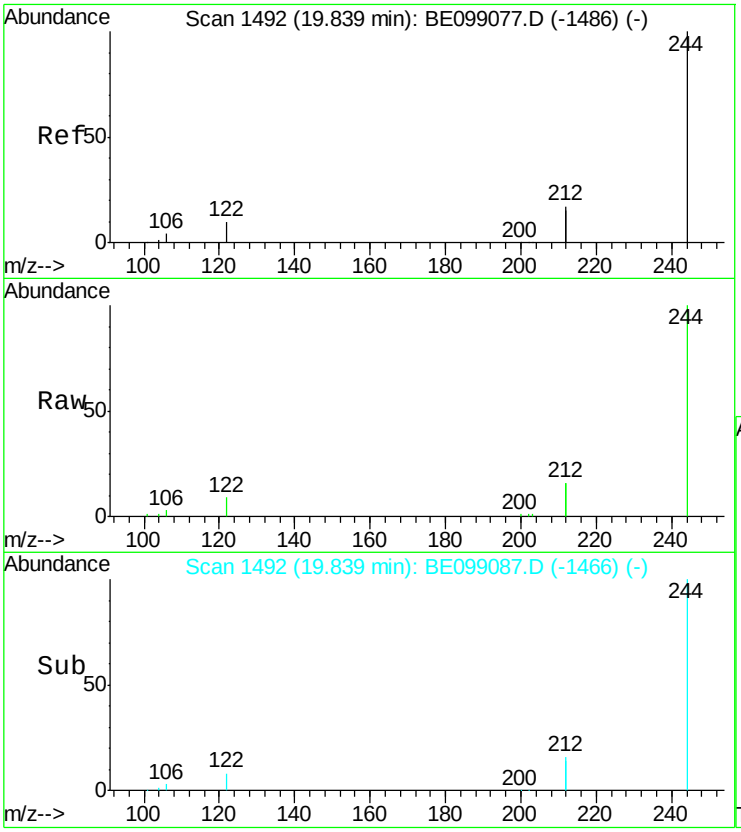


#28
Pyrene
Concen: 0.090 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:202 Resp: 9684

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	20.5	14.2	21.2



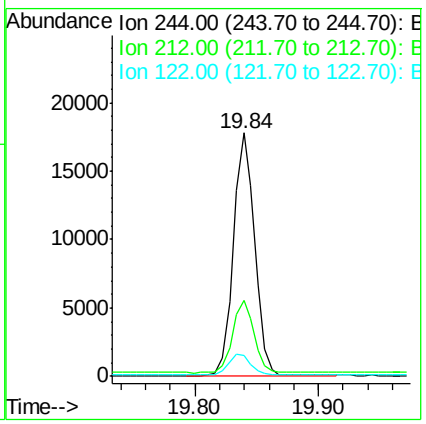


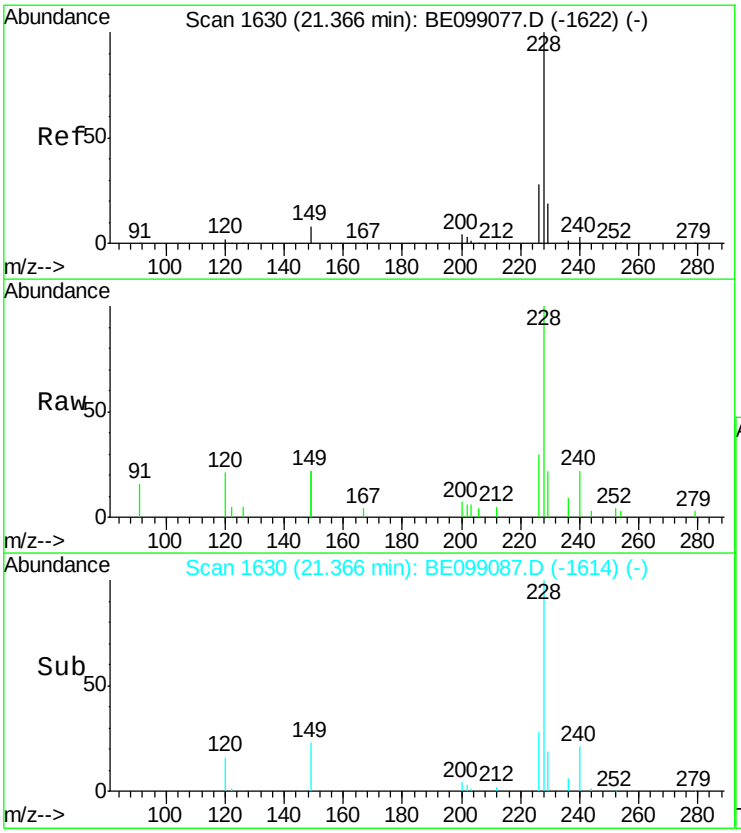
#29
Terphenyl-d14
Concen: 0.317 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:244 Resp: 21198

Ion	Ratio	Lower	Upper
244	100		
212	31.4	29.4	44.2
122	8.7	7.1	10.7

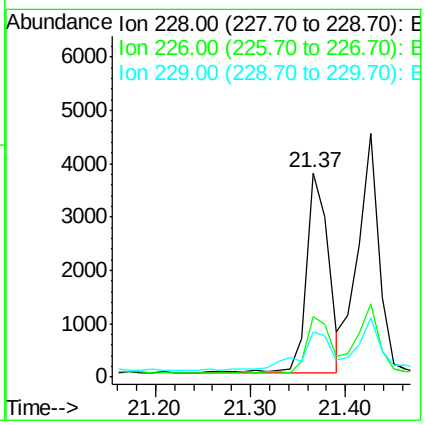


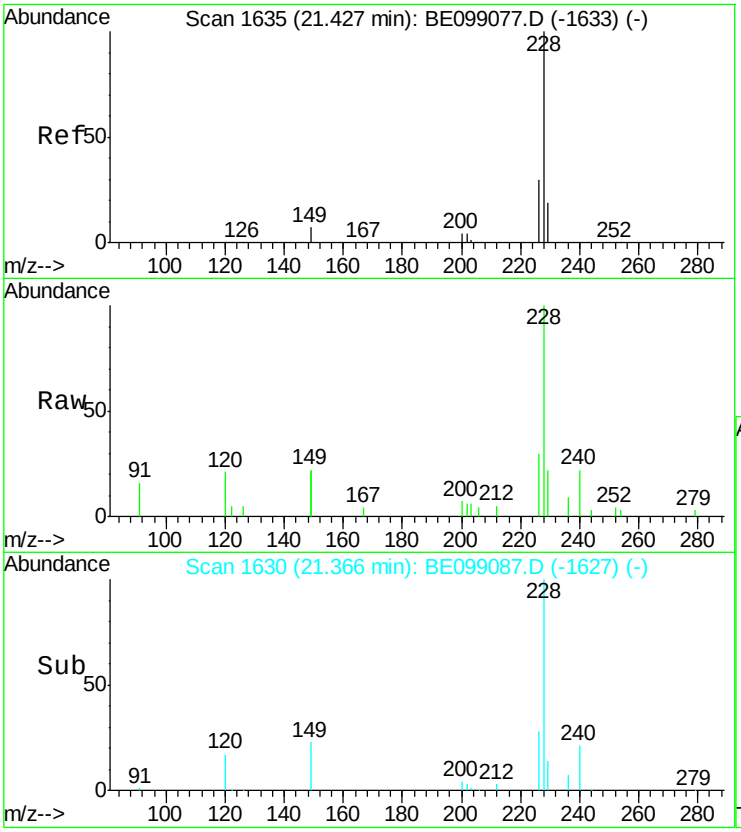


#30
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:228 Resp: 6091

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	22.0	16.5	24.7



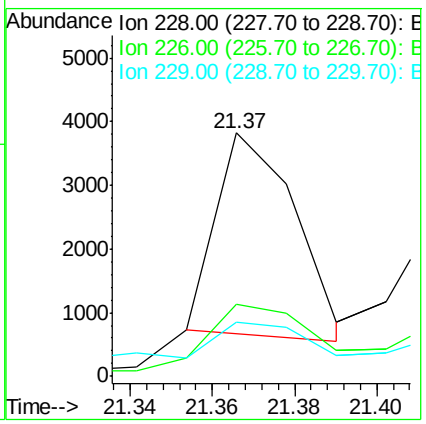


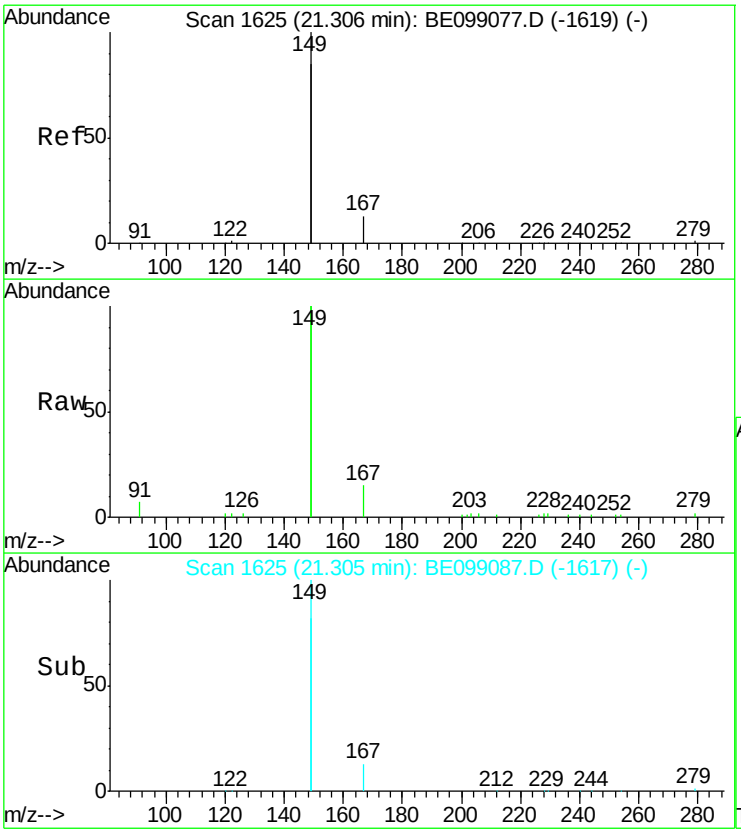
#31
Chrysene
Concen: 0.038 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.06 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:228 Resp: 4179

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	22.0	16.1	24.1

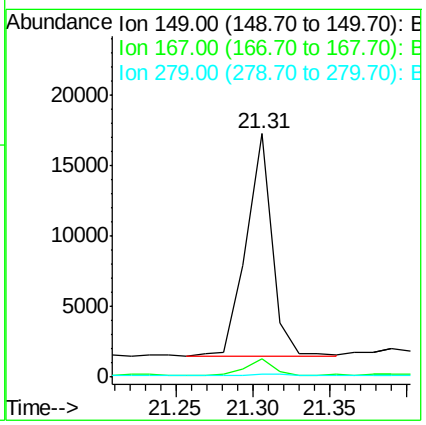


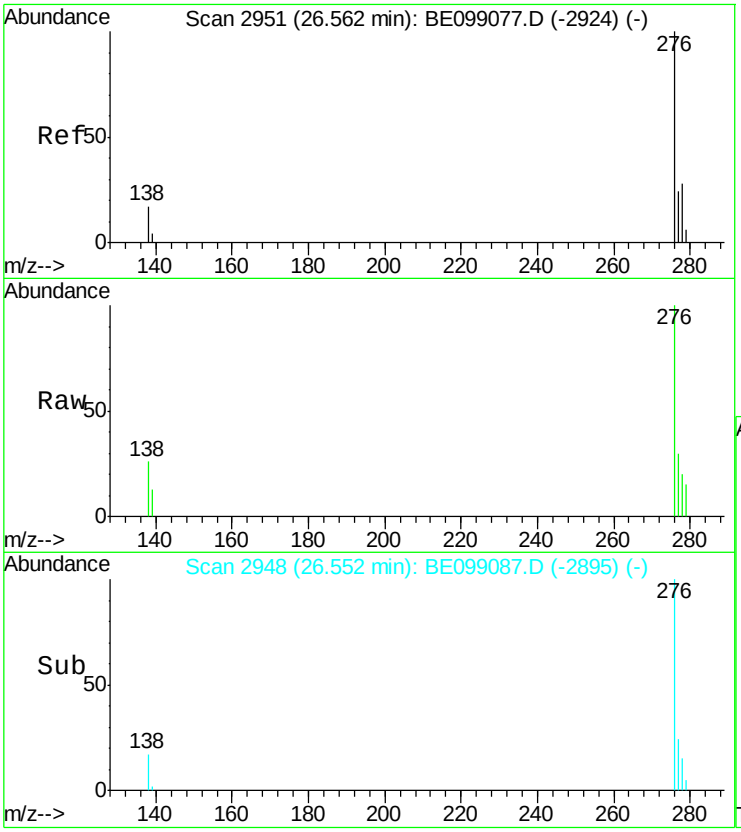


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.129 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:149 Resp: 18700

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



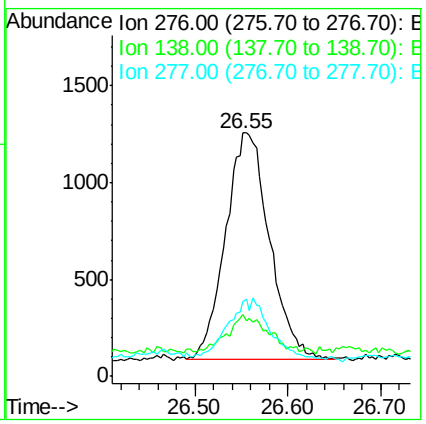


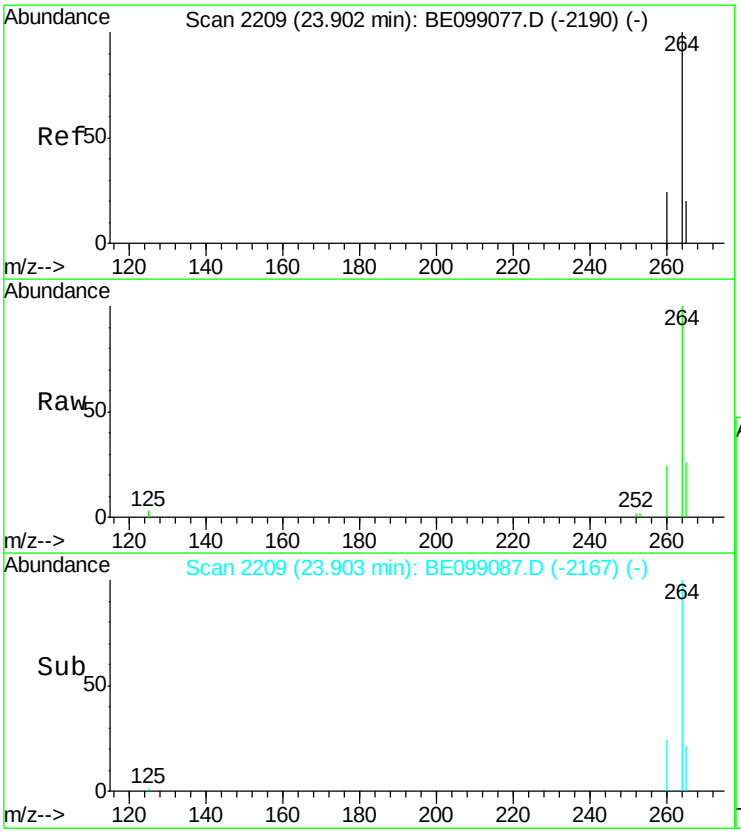
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:276 Resp: 3865

Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.8	20.8
277	12.7	19.5	29.3#

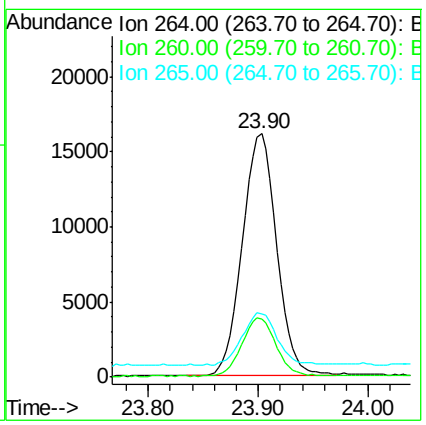


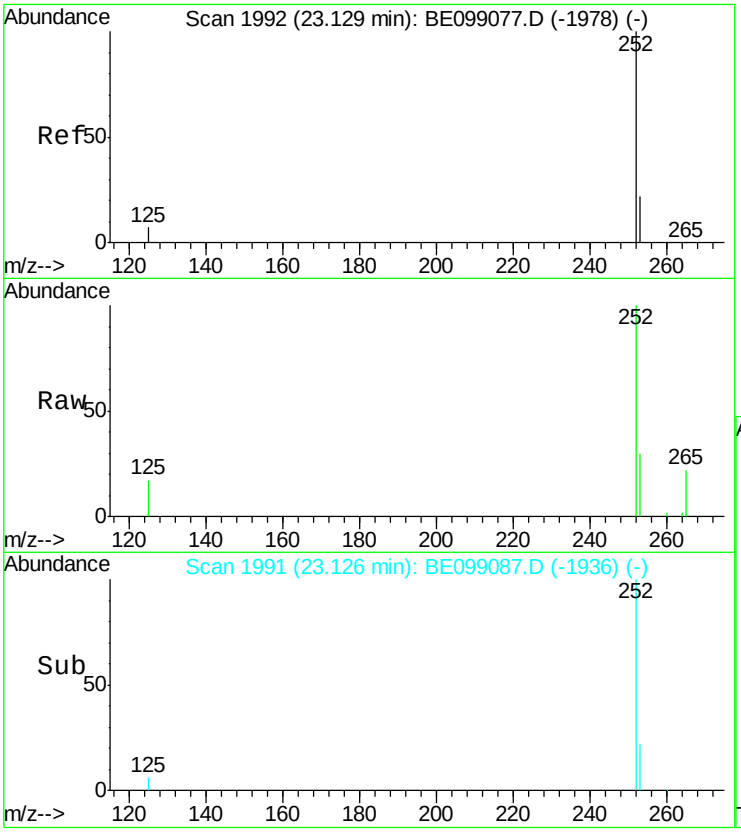


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:264 Resp: 34707

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.2	31.8
265	25.9	24.6	36.8



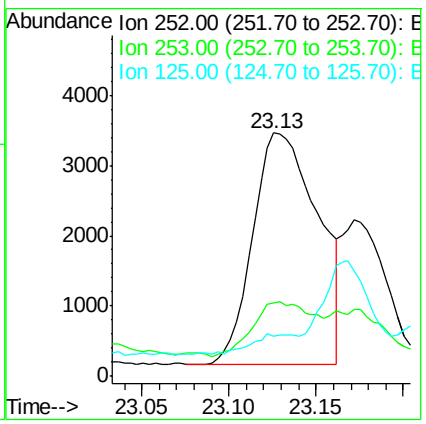


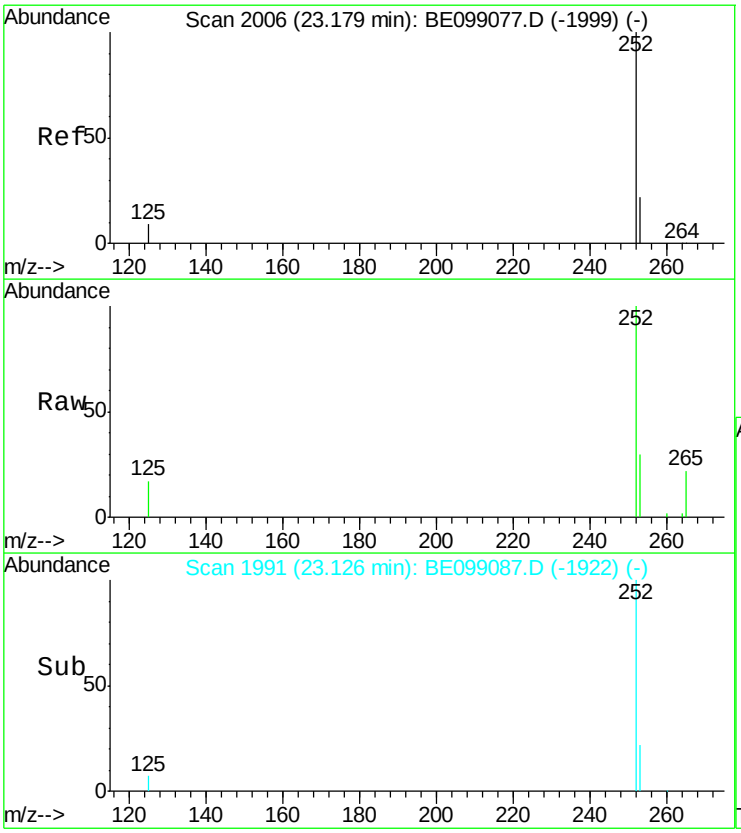
#35
Benzo(b)fluoranthene
Concen: 0.071 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:252 Resp: 8577

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.2	27.2#
125	16.5	7.3	10.9#

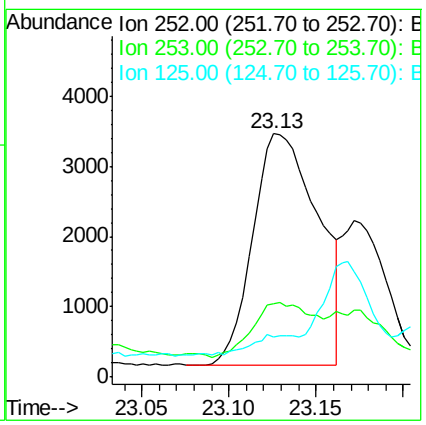


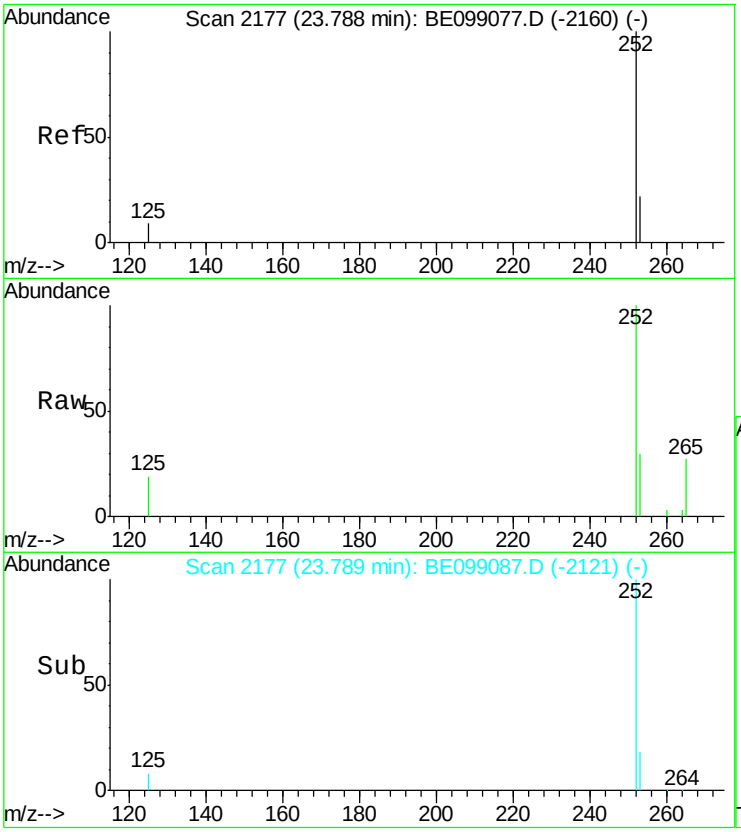


#36
Benzo(k)fluoranthene
Concen: 0.073 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:252 Resp: 8577

Ion	Ratio	Lower	Upper
252	100		
253	30.2	19.3	28.9#
125	16.5	7.5	11.3#



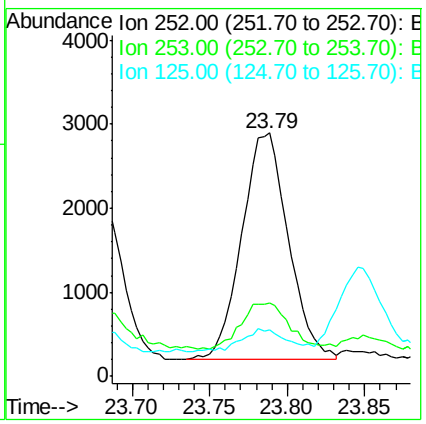


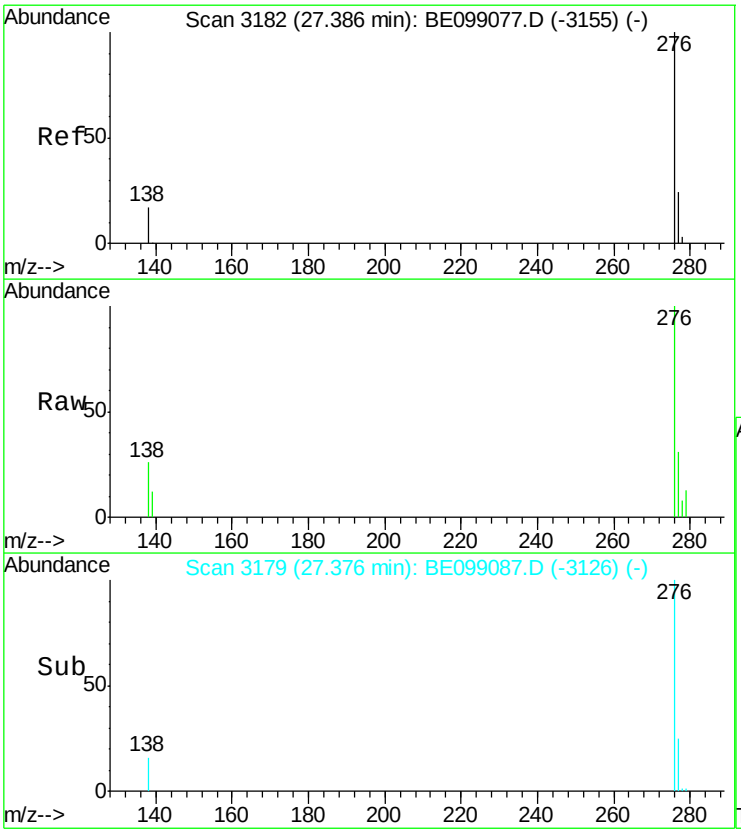
#37
Benzo(a)pyrene
Concen: 0.051 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:252 Resp: 5616

Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.9	29.9#
125	19.2	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 27.38 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:276 Resp: 4084

Ion	Ratio	Lower	Upper
276	100		
277	31.2	20.4	30.6#
138	26.4	13.6	20.4#