Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099427.D
Acq On : 30 Apr 2019 15:33
Operator : JU/SJ
Sample : K2587-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-004-B163-042319

Quant Time: Apr 30 23:58:18 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	2686	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	9299	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6293	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19541	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31902	0.40	ng	0.00
34) Perylene-d12	23.86	264	38916	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2950	0.40	ng	0.00
5) Phenol-d6	6.96	99	4243	0.43	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3146	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	6041	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1459	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	8922	0.37	ng	-0.02
25) Fluoranthene-d10	19.22	212	96608	0.37	ng	0.00
29) Terphenyl-d14	19.81	244	20333	0.35	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.65	42	50	0.022	ng	# 1
22) Pentachlorophenol	16.79	266	2	0.216	ng	# 70
23) Phenanthrene	17.23	178	1318	0.026	ng	# 92
26) Fluoranthene	19.25	202	4685	0.062	ng	# 98
28) Pyrene	19.61	202	4808	0.058	ng	# 95
30) Benzo(a)anthracene	21.34	228	4259	0.042	ng	# 90
31) Chrysene	21.40	228	5146	0.052	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.27	149	15181	0.034	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.51	276	4686	0.040	ng	# 96
35) Benzo(b)fluoranthene	23.09	252	8125	0.072	ng	# 58
36) Benzo(k)fluoranthene	23.09	252	8125	0.075	ng	# 59
37) Benzo(a)pyrene	23.75	252	5157	0.049	ng	# 57
39) Benzo(g,h,i)perylene	27.32	276	4770	0.044	ng	# 87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
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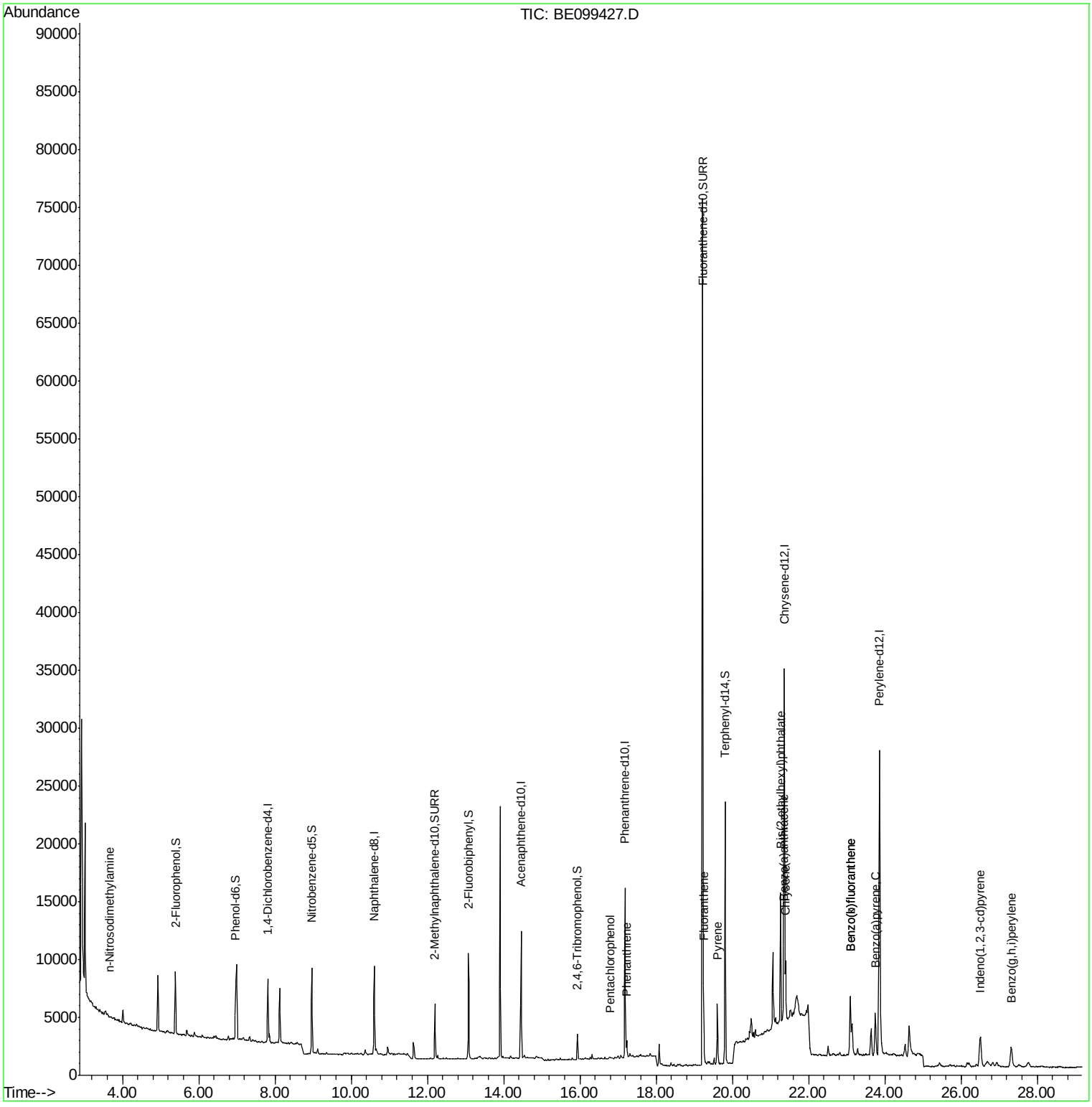
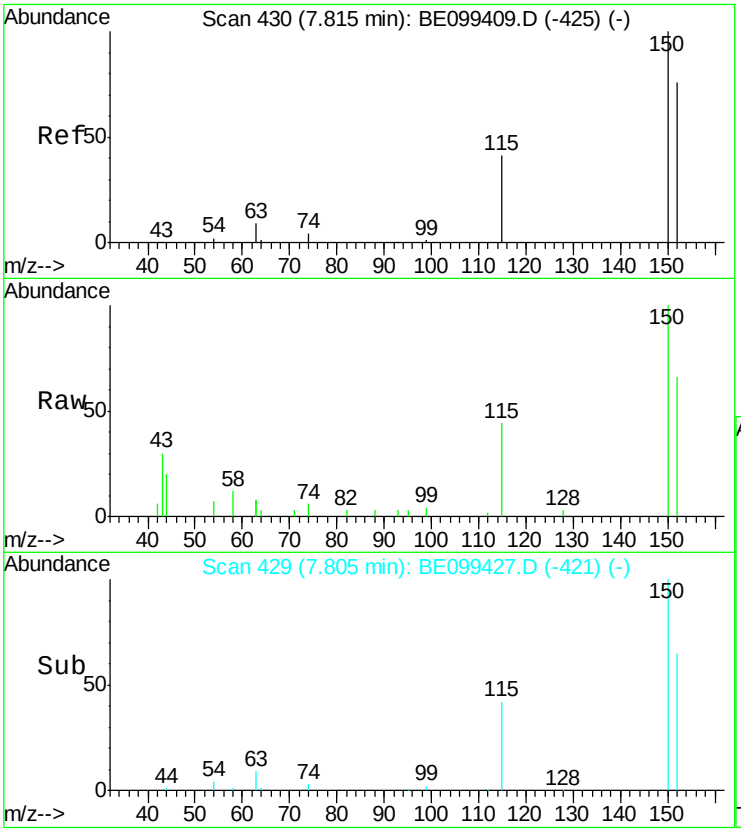
PST-004-B163-042319

Quant Time: Apr 30 23:58:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



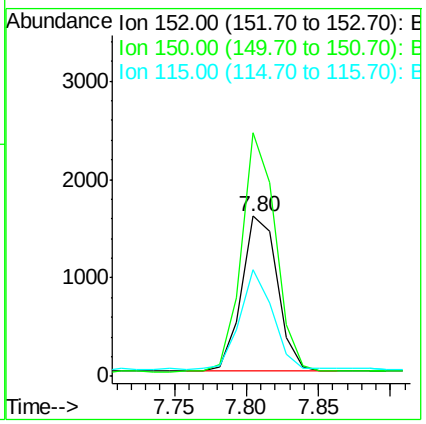


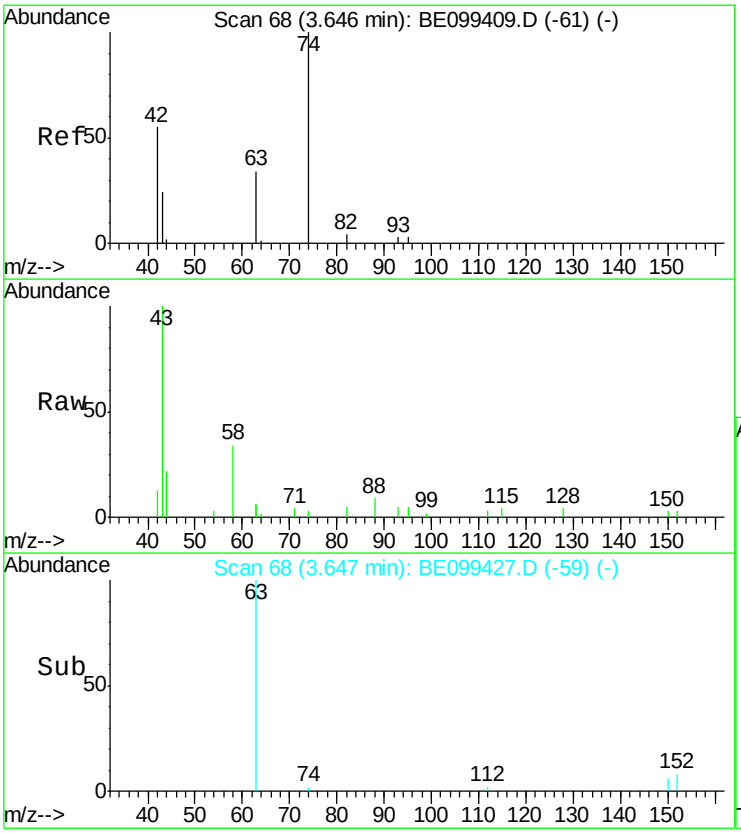
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:152 Resp: 2686

Ion	Ratio	Lower	Upper
152	100		
150	152.3	104.8	157.2
115	67.1	46.6	69.8

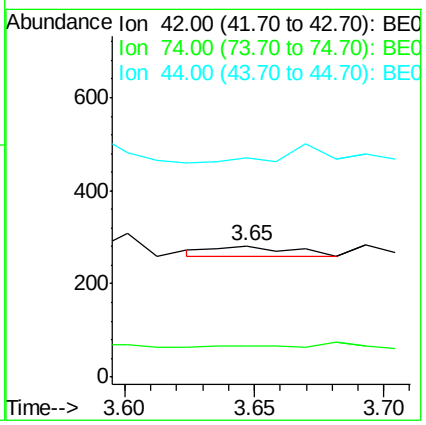


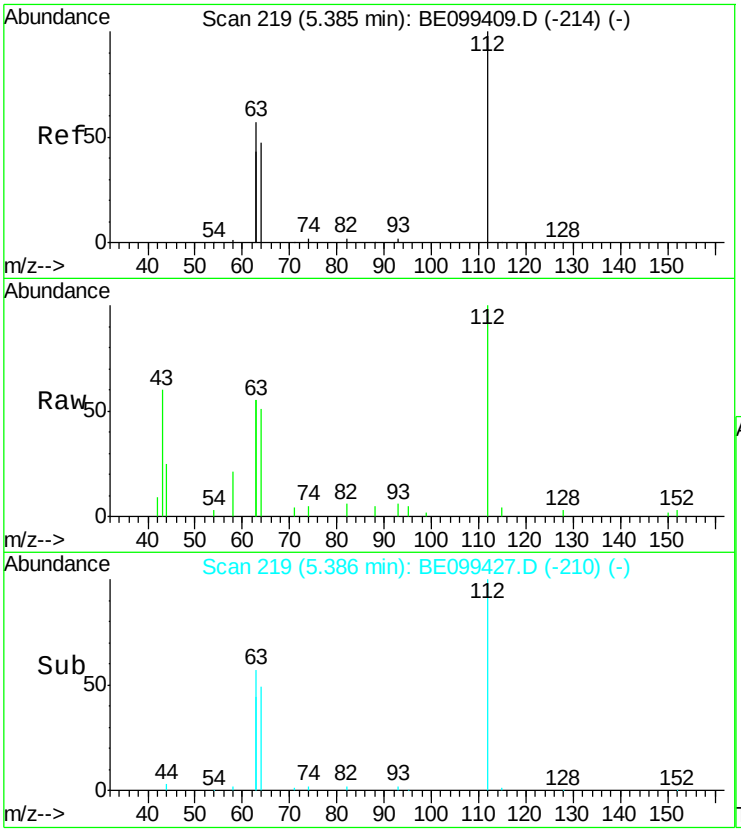


#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion: 42 Resp: 50

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



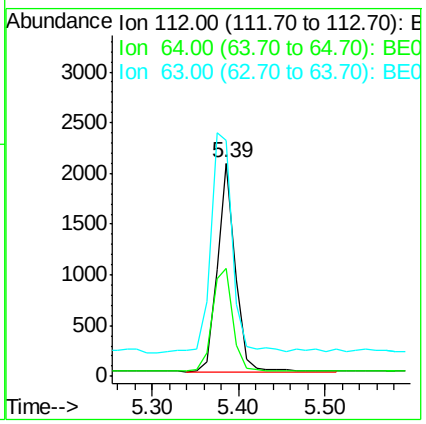


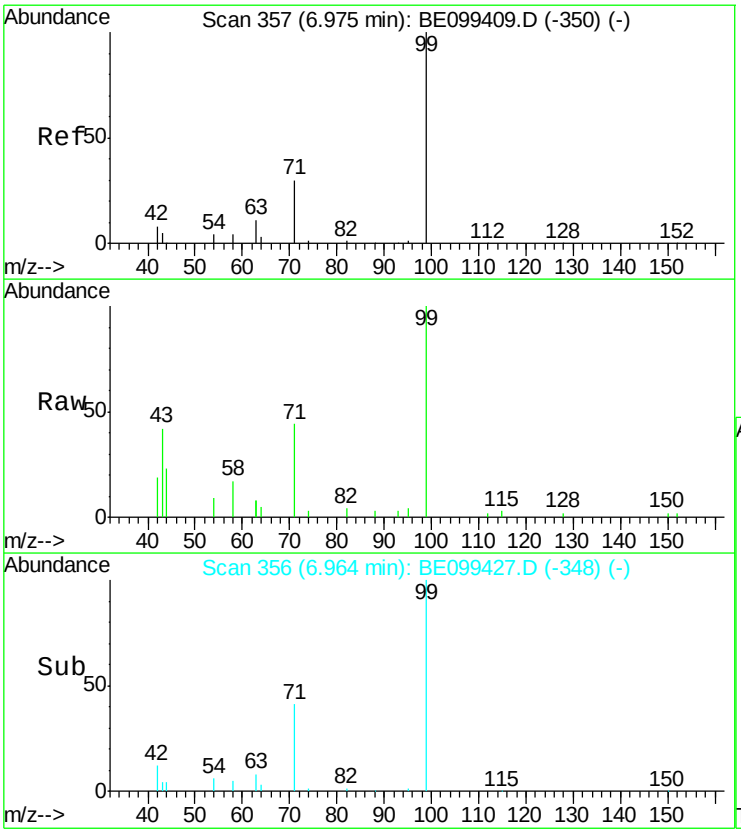
#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:112 Resp: 2950

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.4	71.0
63	128.6	104.3	156.5

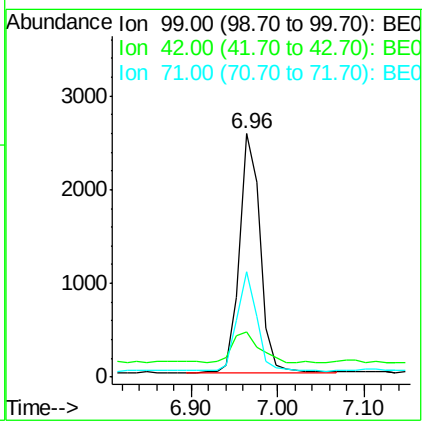


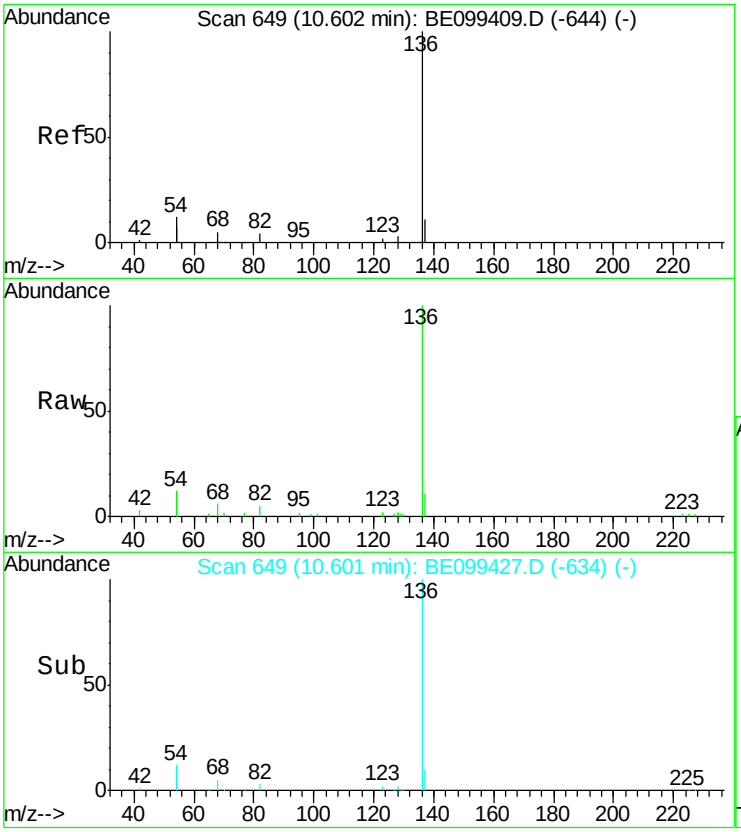


#5
Phenol-d6
Concen: 0.430 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion: 99 Resp: 4243

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.9	22.3
71	40.3	33.0	49.6



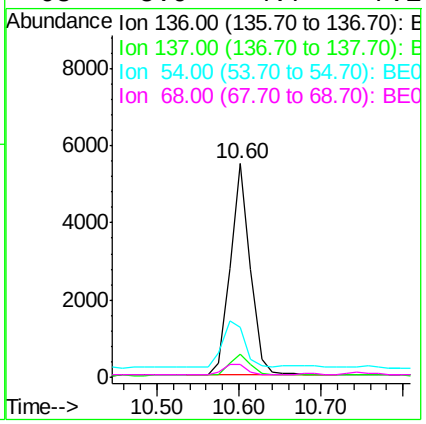


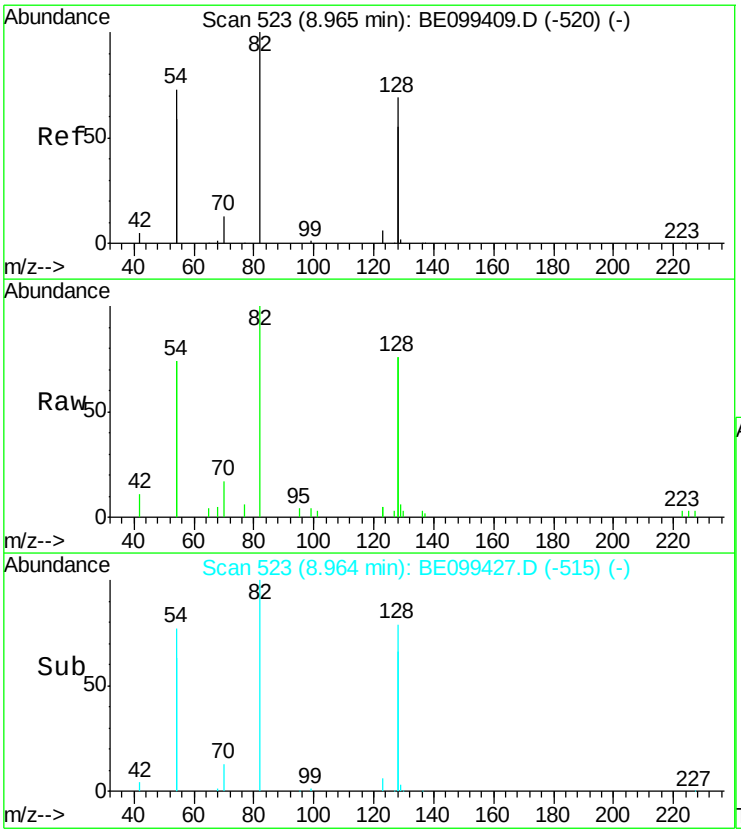
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:136 Resp: 9299

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	23.3	18.5	27.7
68	5.9	4.7	7.1

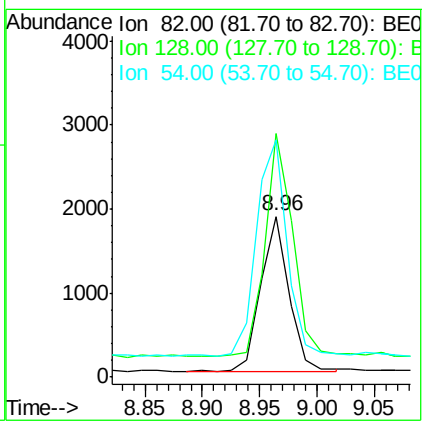


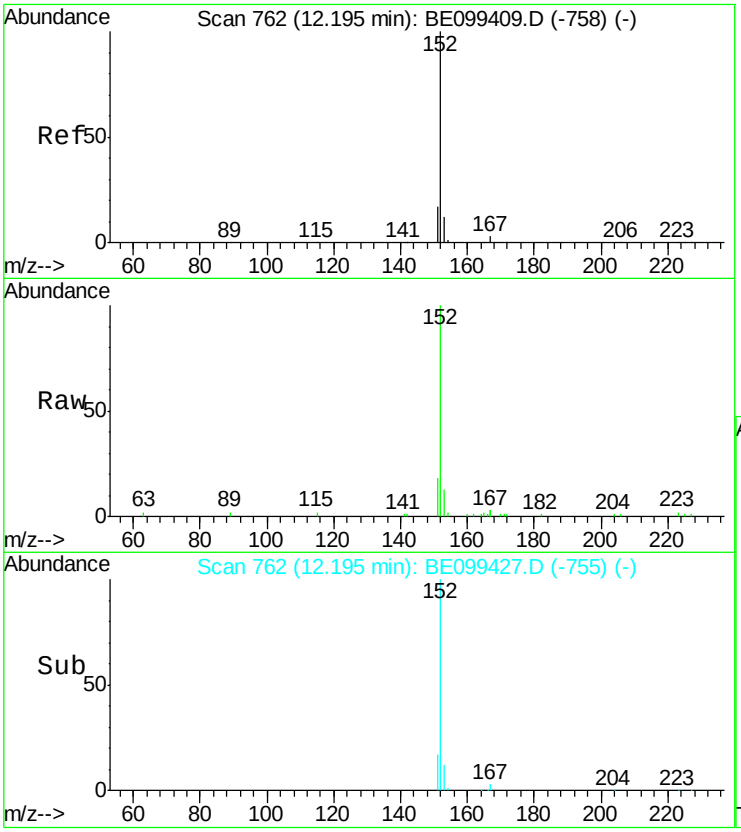


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion: 82 Resp: 3146

Ion	Ratio	Lower	Upper
82	100		
128	151.6	107.0	160.4
54	147.8	113.1	169.7



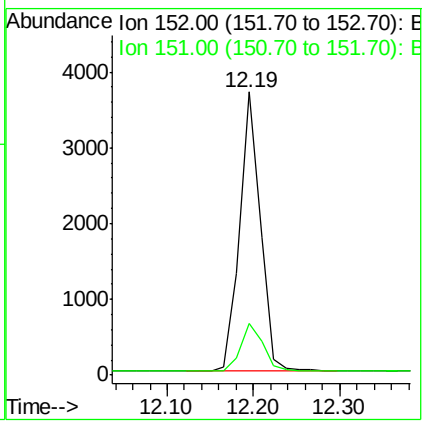


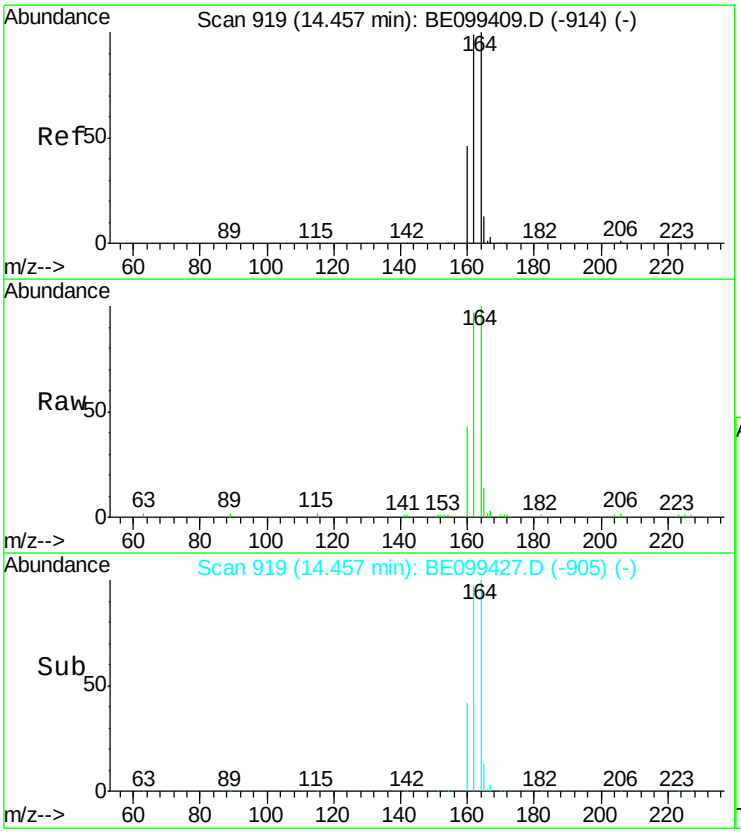
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:152 Resp: 6041

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3

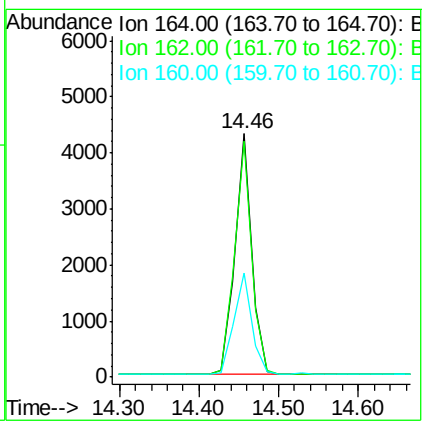


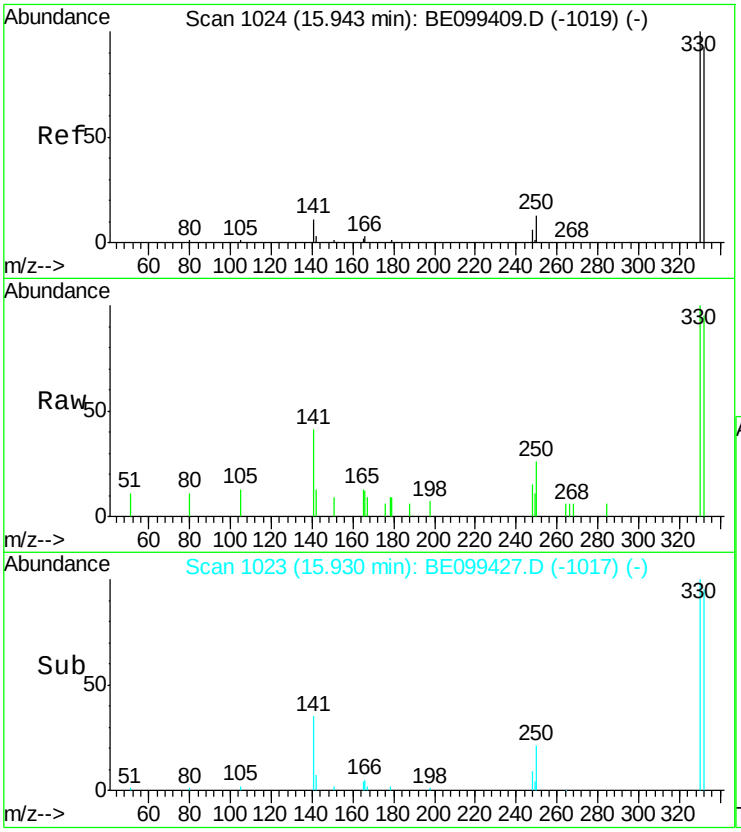


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:164 Resp: 6293

Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.0	118.4
160	42.8	37.0	55.4



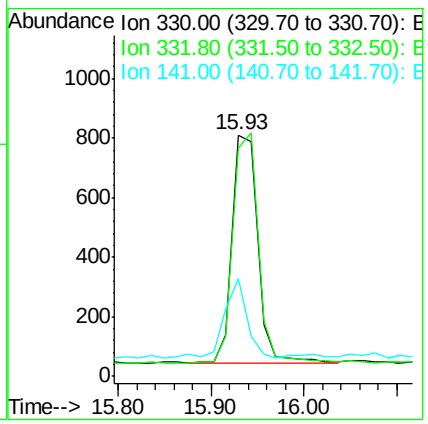


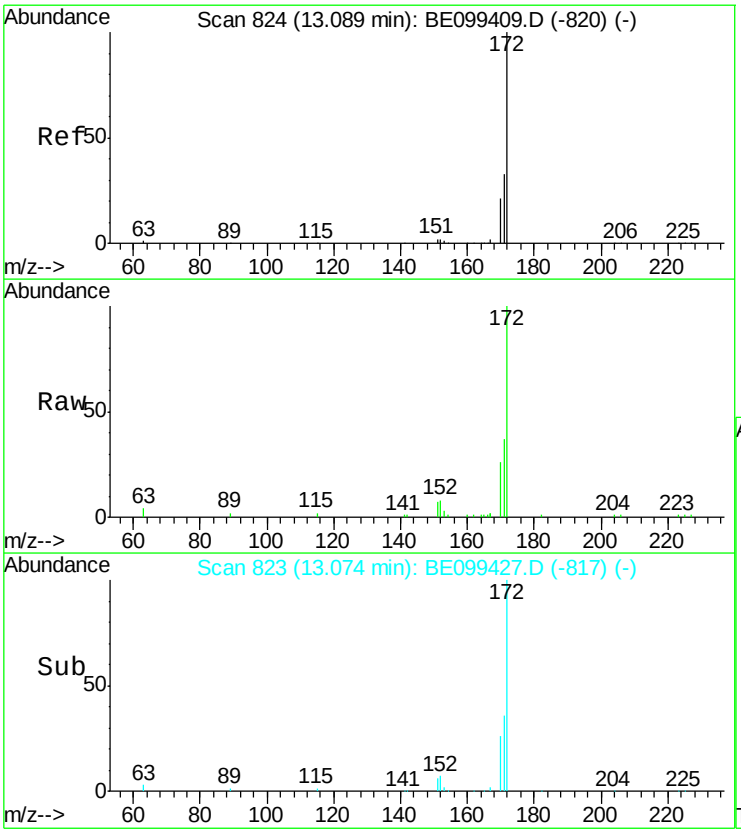
#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:330 Resp: 1459

Ion	Ratio	Lower	Upper
330	100		
332	98.6	71.5	107.3
141	29.7	24.0	36.0

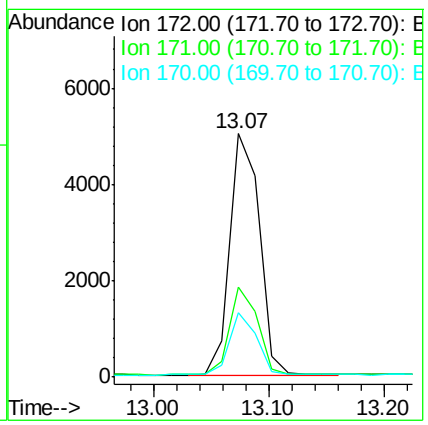


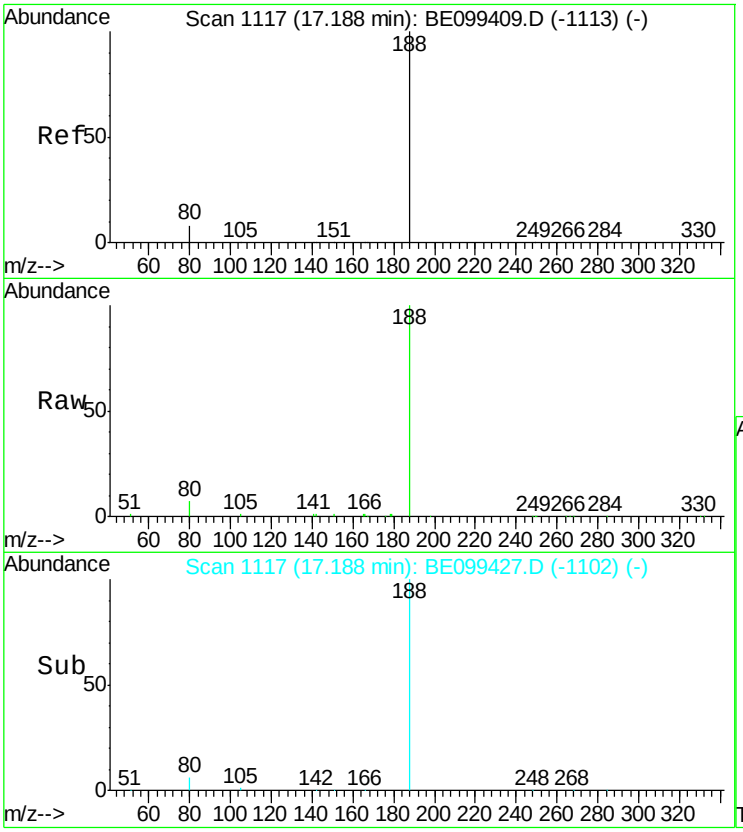


#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:172 Resp: 8922

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.6	39.8
170	26.5	17.0	25.6#



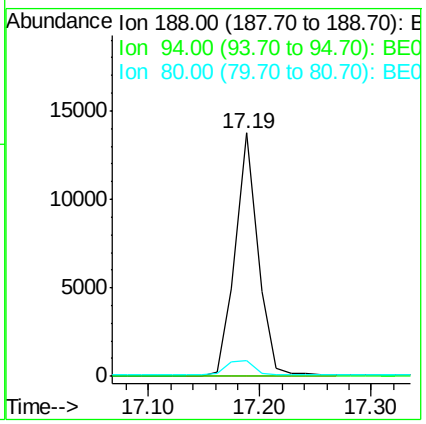


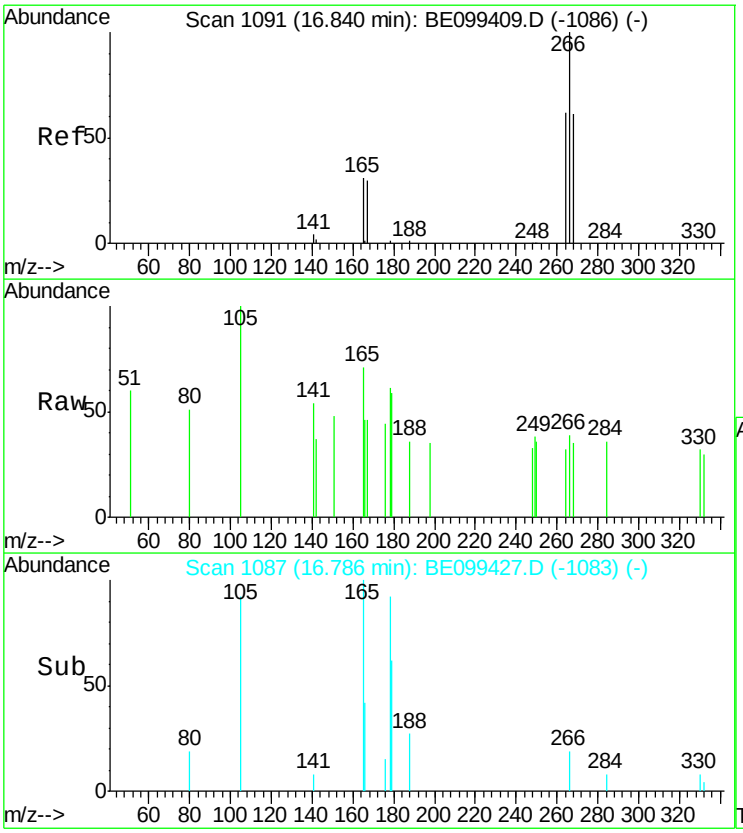
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:188 Resp: 19541

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.7	10.1#

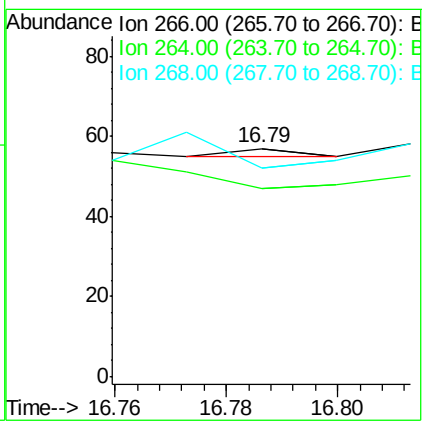


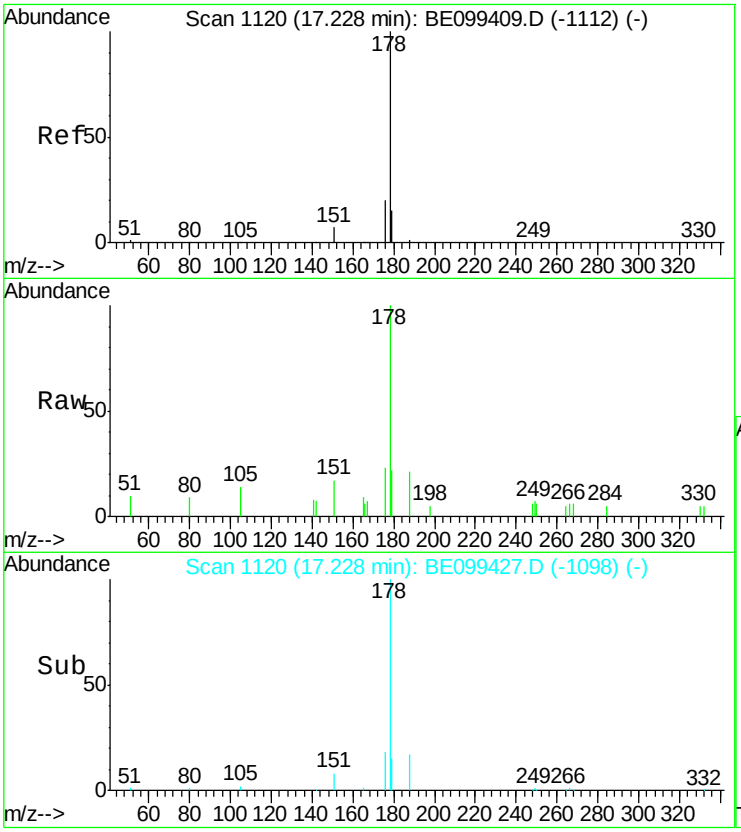


#22
Pentachlorophenol
Concen: 0.216 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	82.5	50.8	76.2#
268	91.2	50.5	75.7#



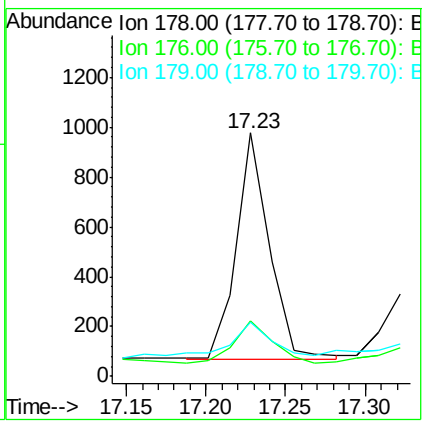


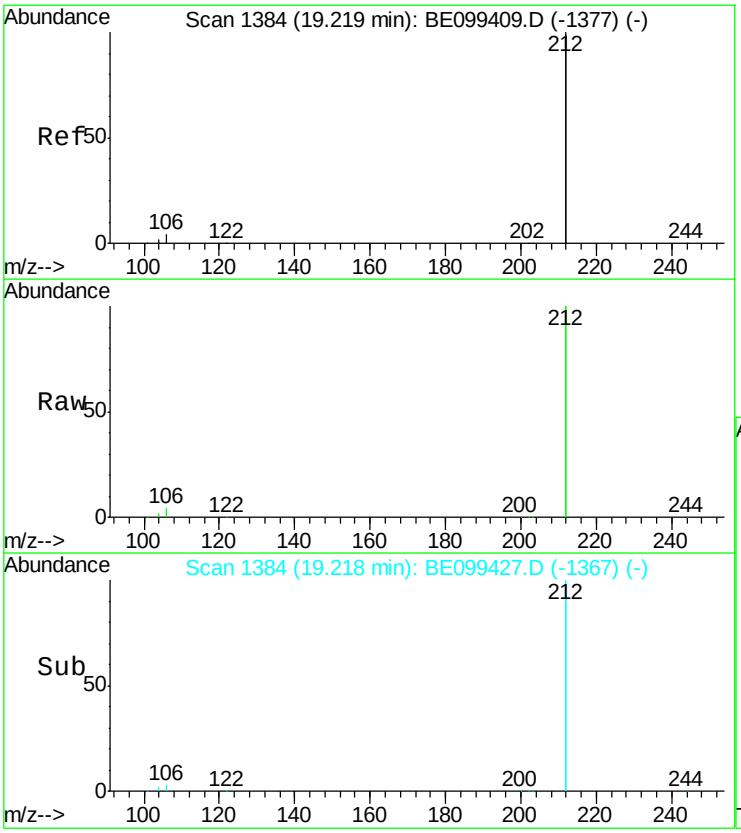
#23
Phenanthrene
Concen: 0.026 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:178 Resp: 1318

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.6	23.4
179	21.2	12.0	18.0#

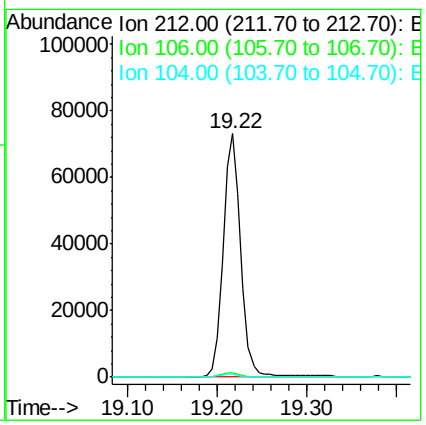


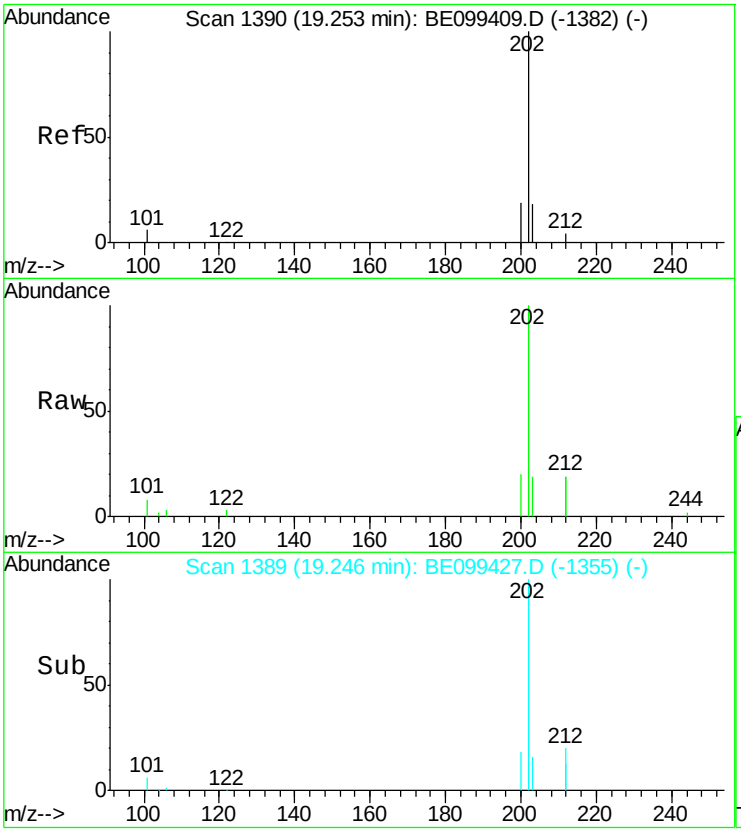


#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:212 Resp: 96608

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3



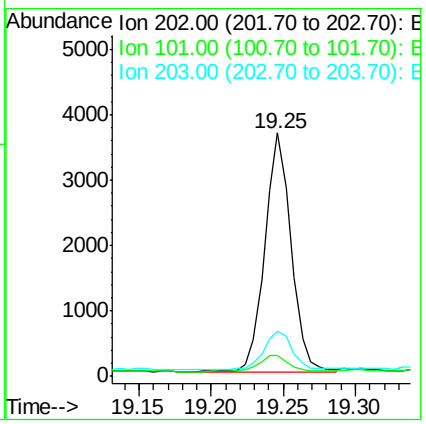


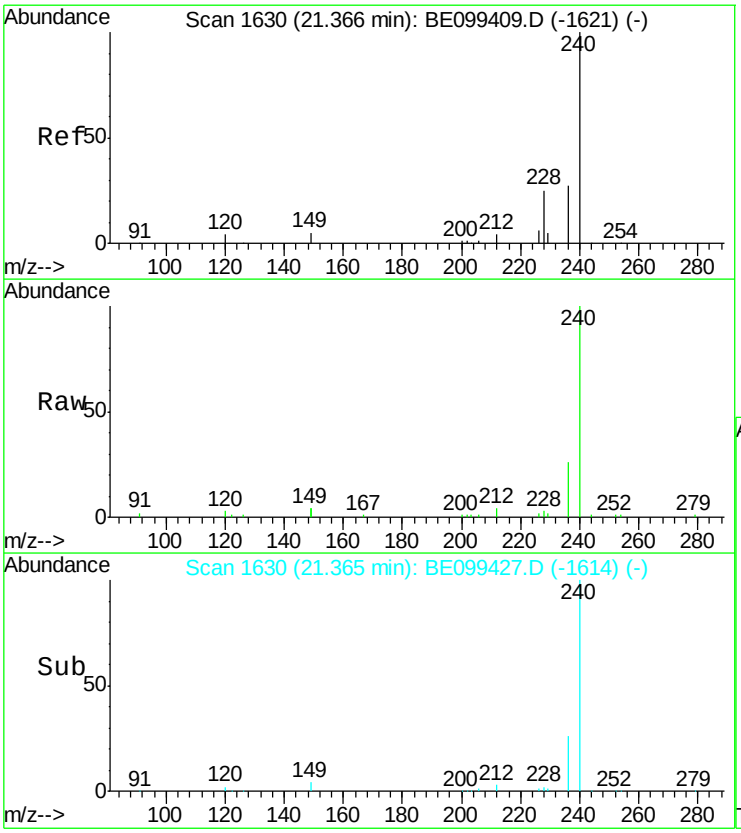
#26
Fluoranthene
Concen: 0.062 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:202 Resp: 4685

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.4	8.0#
203	17.5	13.9	20.9

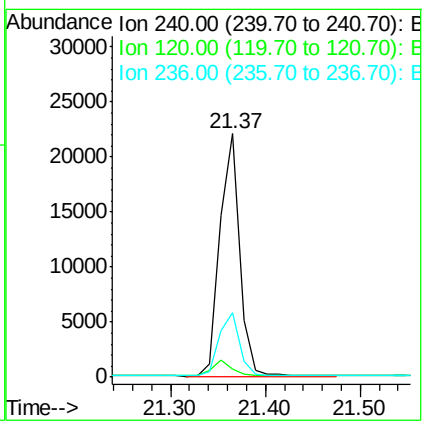


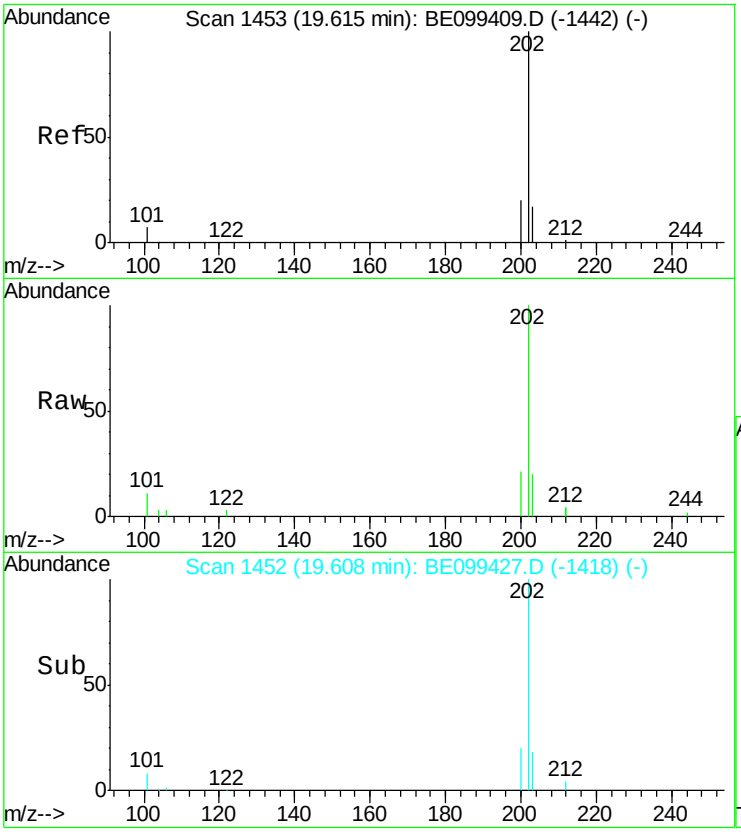


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:240 Resp: 31902

Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.0	6.0#
236	26.5	22.0	33.0



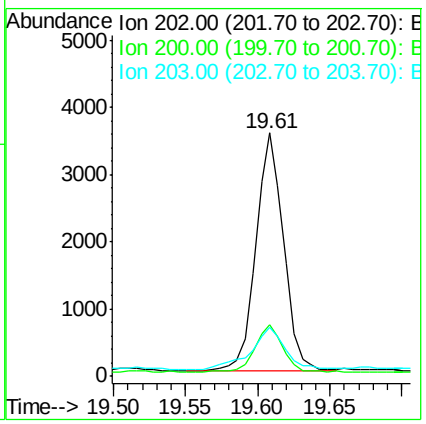


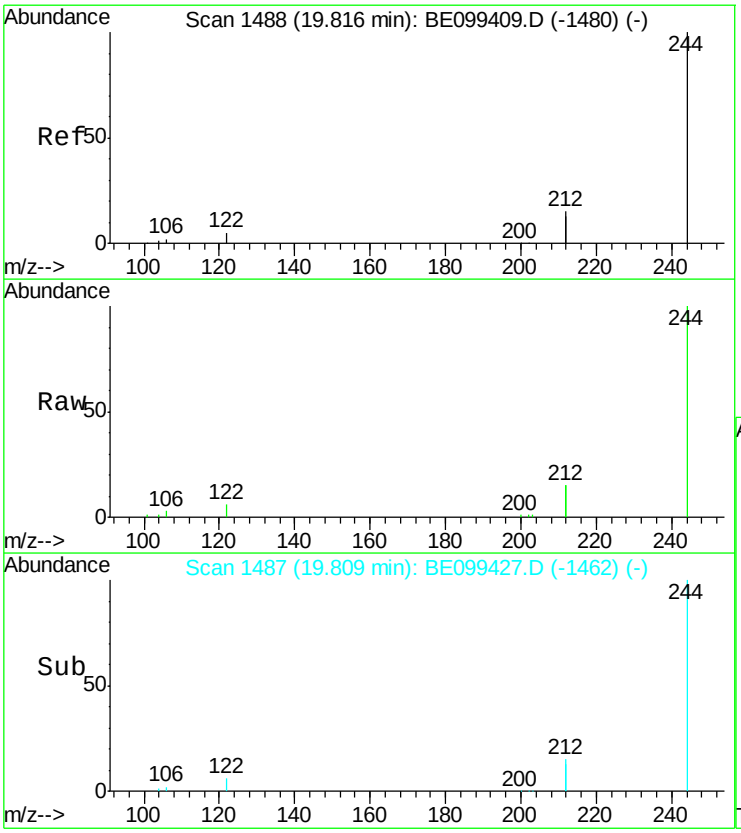
#28
Pyrene
Concen: 0.058 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:202 Resp: 4808

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	22.3	13.9	20.9#

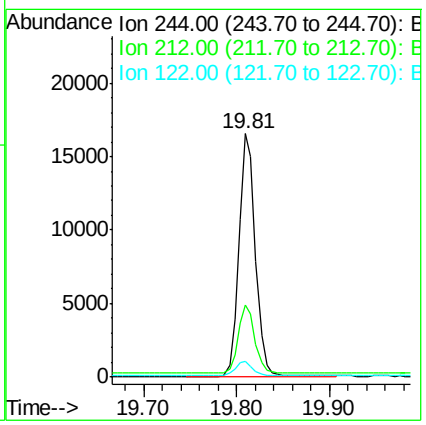


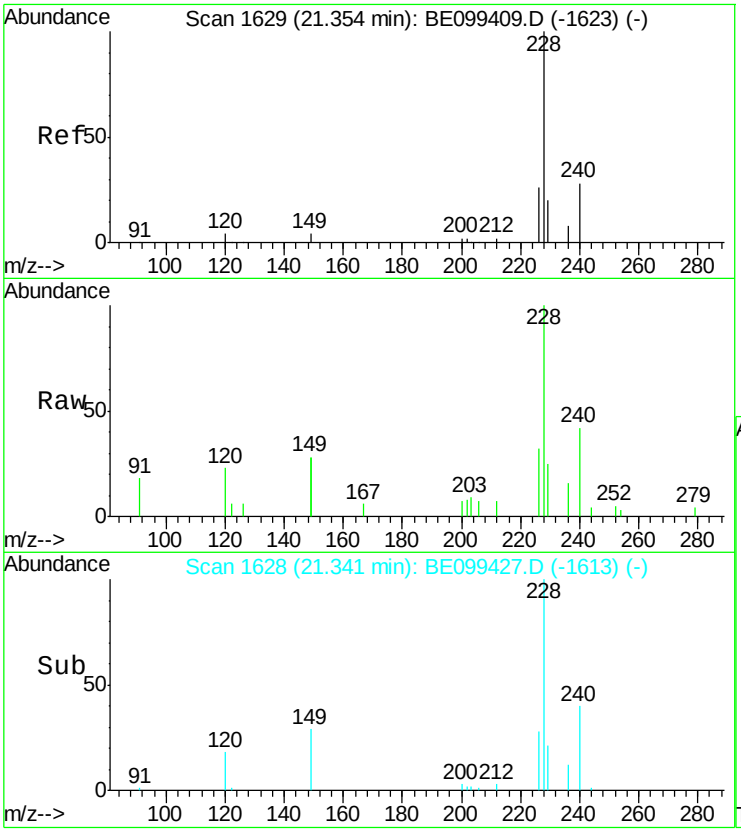


#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:244 Resp: 20333

Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.2	34.8
122	6.4	4.2	6.4#



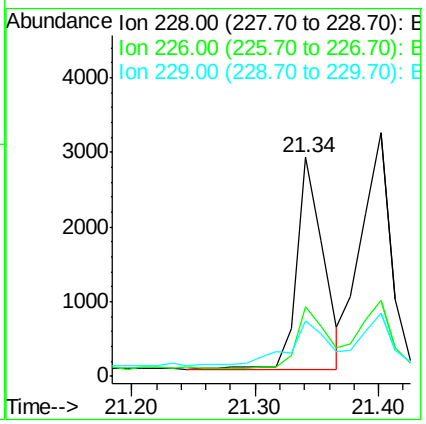


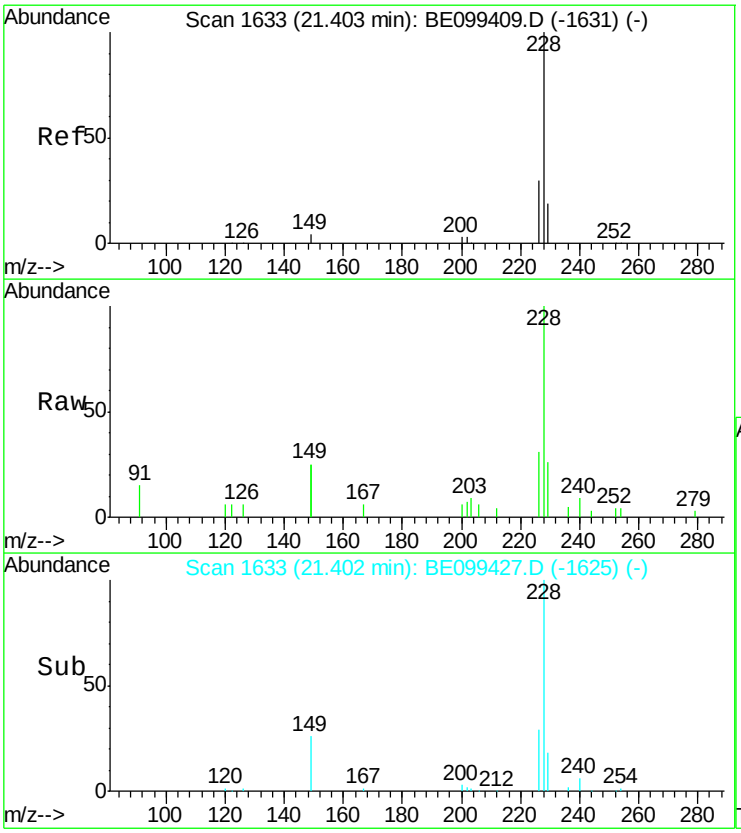
#30
Benzo(a)anthracene
Concen: 0.042 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:228 Resp: 4259

Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.0	31.6#
229	25.3	16.6	25.0#

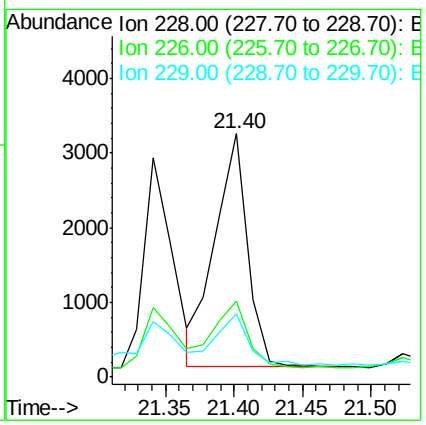


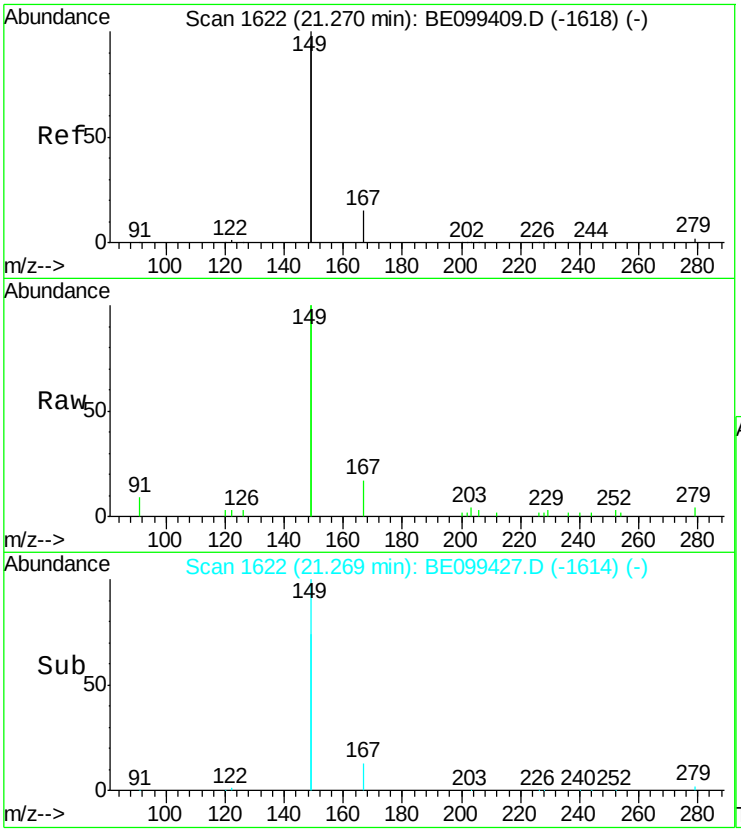


#31
Chrysene
Concen: 0.052 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:228 Resp: 5146

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	25.7	15.8	23.8#



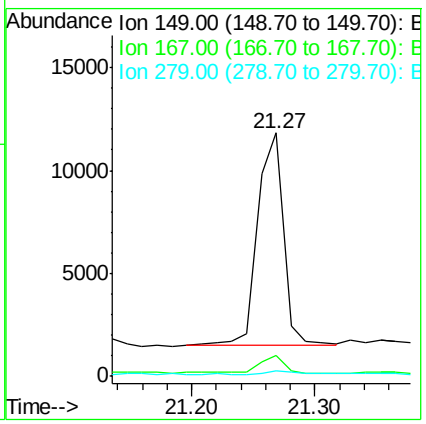


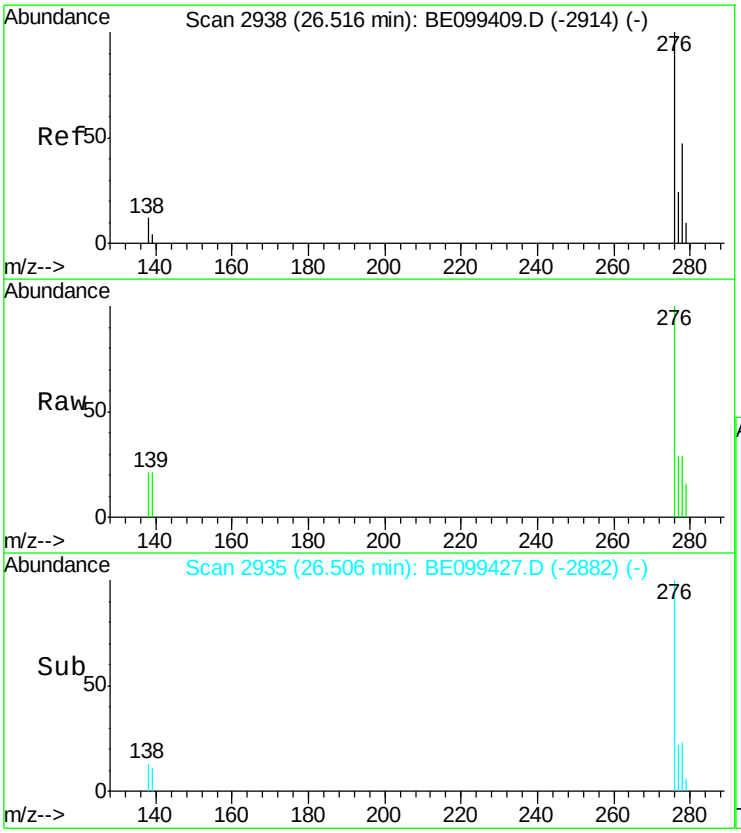
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:149 Resp: 15181

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.6	1.0	1.6#

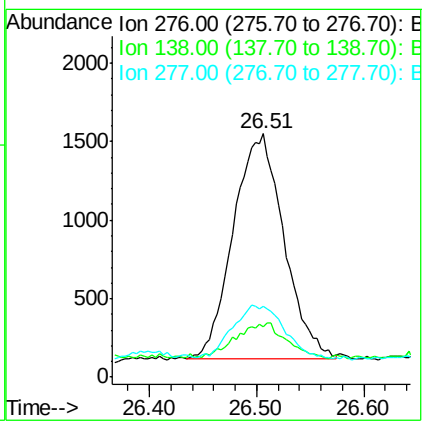


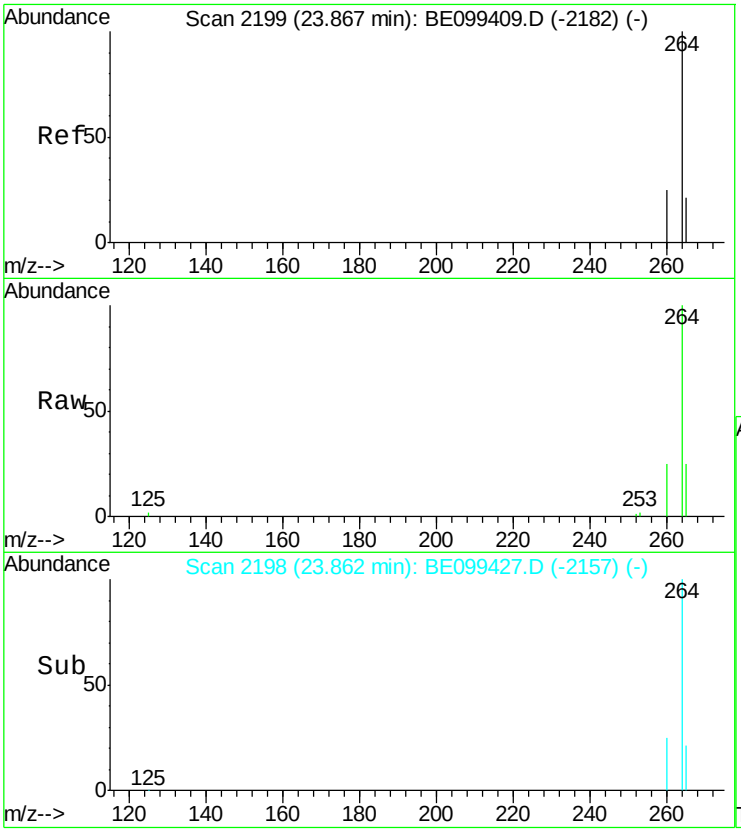


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:276 Resp: 4686

Ion	Ratio	Lower	Upper
276	100		
138	16.3	10.2	15.2#
277	24.8	19.2	28.8



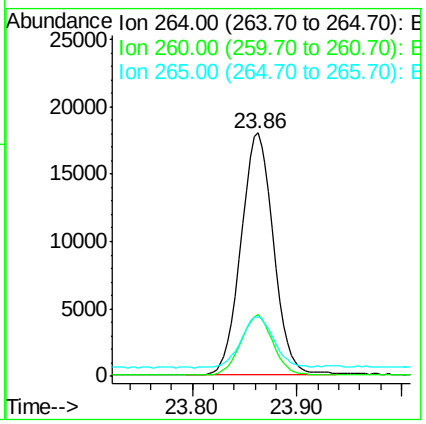


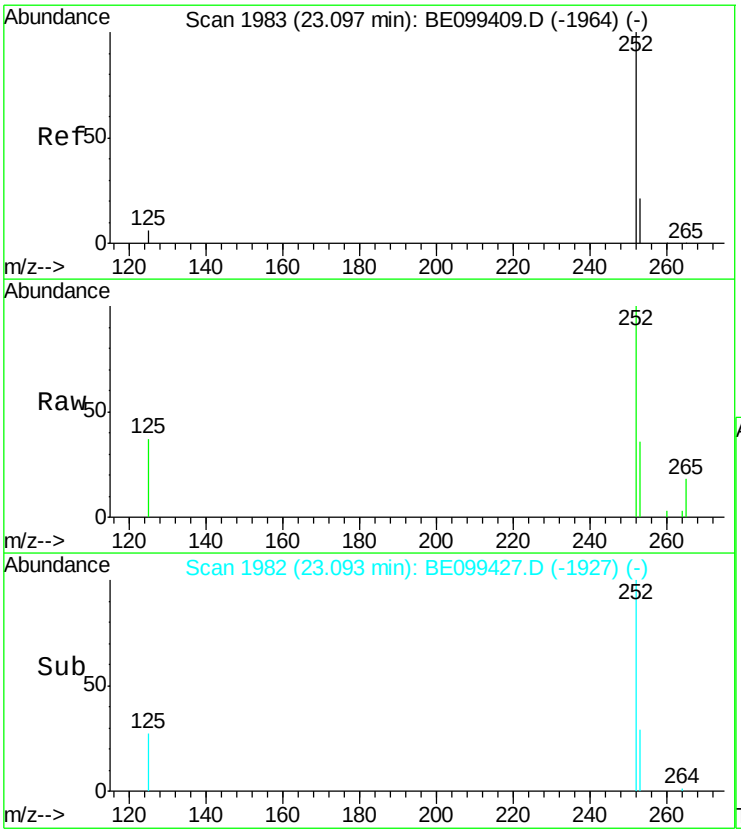
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:264 Resp: 38916

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	24.6	21.3	31.9

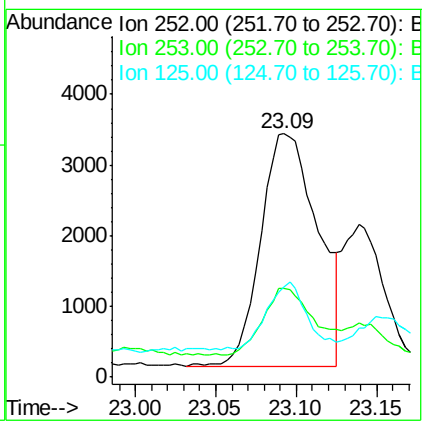


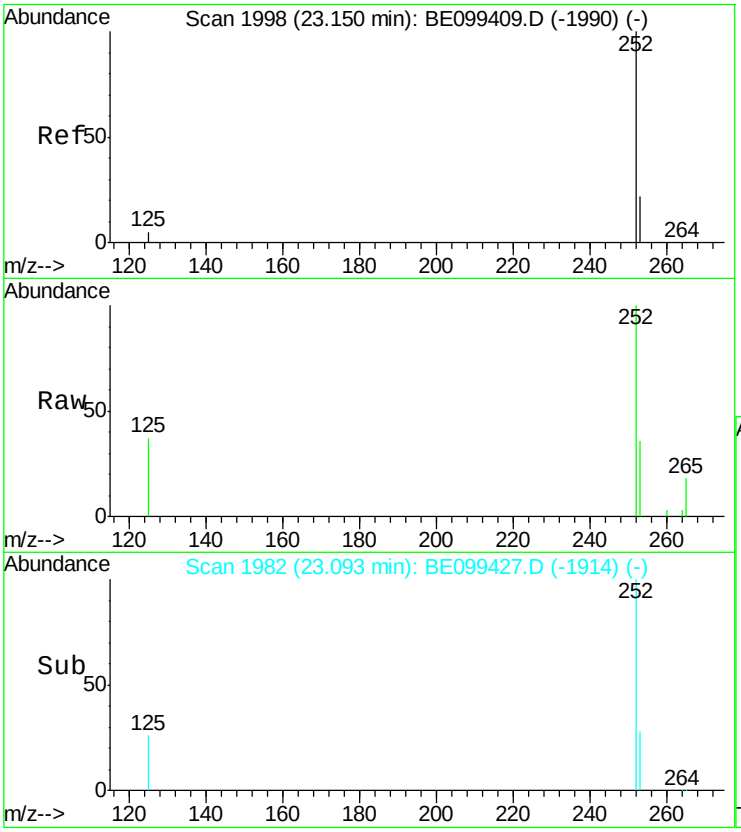


#35
Benzo(b)fluoranthene
Concen: 0.072 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:252 Resp: 8125

Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.1	27.1#
125	36.9	5.6	8.4#



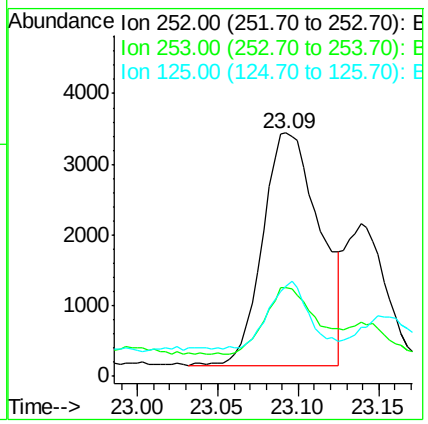


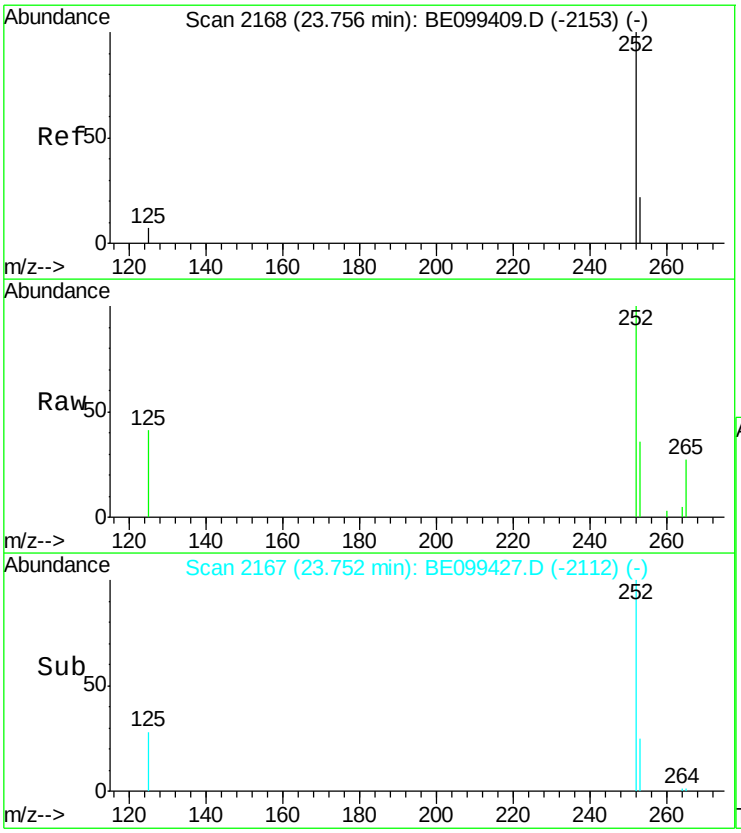
#36
Benzo(k)fluoranthene
Concen: 0.075 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:252 Resp: 8125

Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.4	27.6#
125	36.9	5.0	7.4#

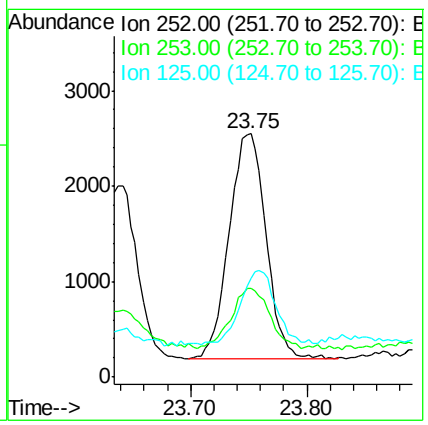


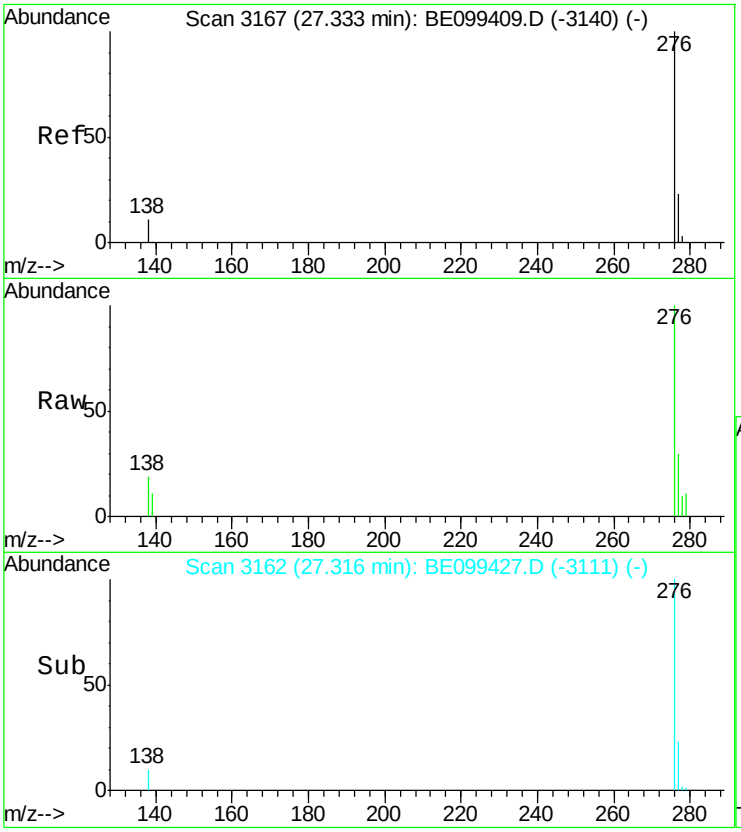


#37
Benzo(a)pyrene
Concen: 0.049 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Tgt Ion:252 Resp: 5157

Ion	Ratio	Lower	Upper
252	100		
253	36.4	18.9	28.3#
125	40.7	6.7	10.1#





#39
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 27.32 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BE099427.D
Acq: 30 Apr 2019 15:33

Instrument :
BNA_E
ClientSampleId :
PST-004-B163-042319

Tgt Ion:276 Resp: 4770

Ion	Ratio	Lower	Upper
276	100		
277	29.9	19.5	29.3#
138	19.0	9.6	14.4#