Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099117.D
Acq On : 23 Mar 2019 18:17
Operator : JU/SJ
Sample : K2014-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW042-031919

Quant Time: Mar 23 22:36:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3599	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13782	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	9049	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	26011	0.40	ng		0.00
27) Chrysene-d12	21.39	240	38259	0.40	ng		0.00
34) Perylene-d12	23.89	264	40671	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4751	0.44	ng		0.00
5) Phenol-d6	6.99	99	6705	0.43	ng		0.00
8) Nitrobenzene-d5	8.99	82	4505	0.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	9838	0.40	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1778	0.67	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	14900	0.41	ng		-0.02
25) Fluoranthene-d10	19.24	212	146035	0.42	ng		0.00
29) Terphenyl-d14	19.84	244	28763	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	419	0.075	ng	#	26
3) n-Nitrosodimethylamine	3.67	42	174	0.060	ng	#	1
22) Pentachlorophenol	16.84	266	19	0.255	ng		90
23) Phenanthrene	17.26	178	14177	0.184	ng		99
24) Anthracene	17.35	178	1858	0.025	ng	#	94
26) Fluoranthene	19.27	202	22759	0.209	ng		97
28) Pyrene	19.63	202	22656	0.175	ng		96
30) Benzo(a)anthracene	21.37	228	12391	0.092	ng		97
31) Chrysene	21.43	228	13177	0.098	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	19732	0.113	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	6800	0.047	ng	#	95
35) Benzo(b)fluoranthene	23.12	252	15661	0.111	ng	#	89
36) Benzo(k)fluoranthene	23.12	252	15661	0.114	ng	#	92
37) Benzo(a)pyrene	23.78	252	11013	0.085	ng	#	93
39) Benzo(g,h,i)perylene	27.37	276	6916	0.053	ng	#	93

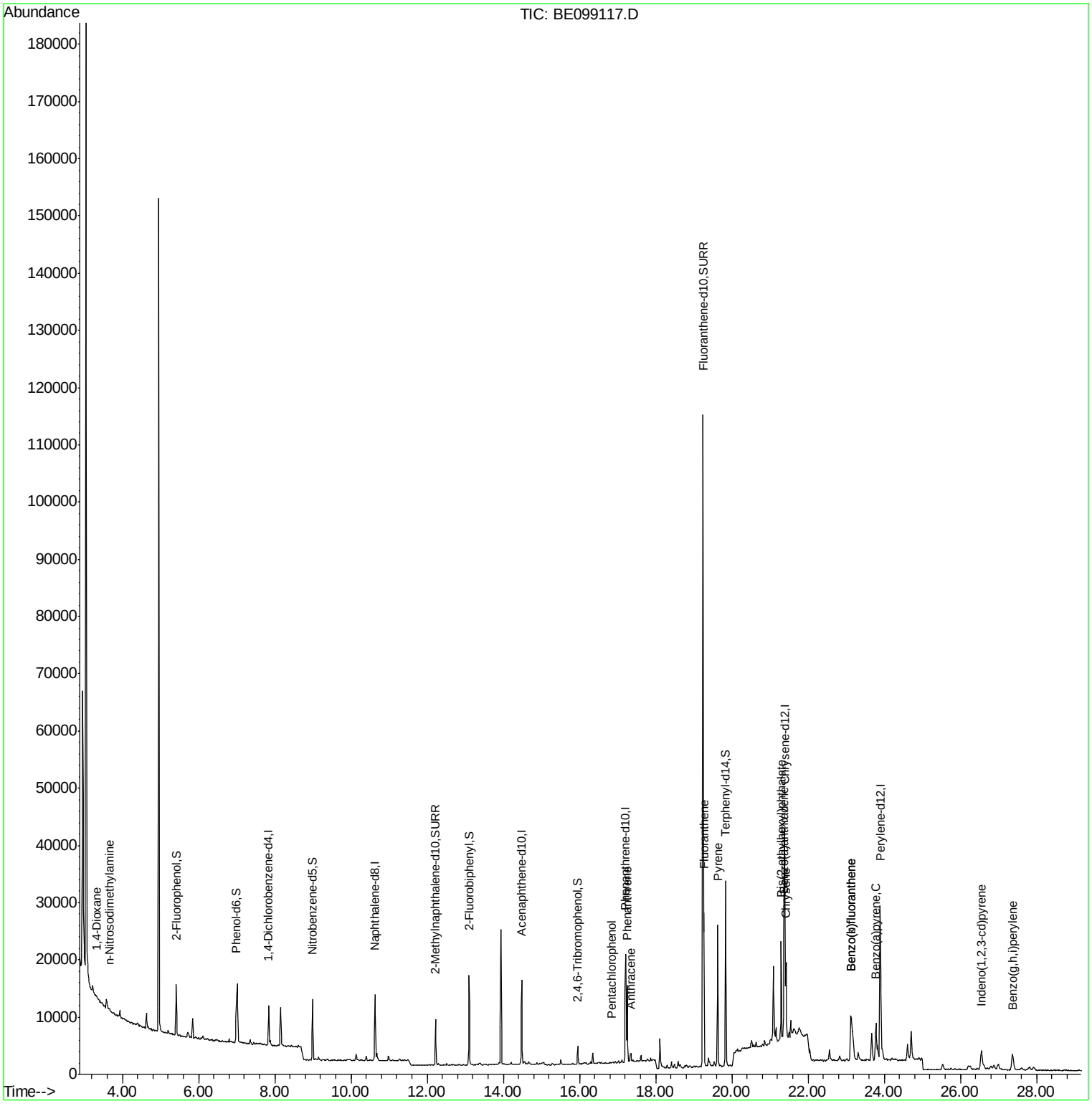
(#) = qualifier out of range (m) = manual integration (+) = signals summed

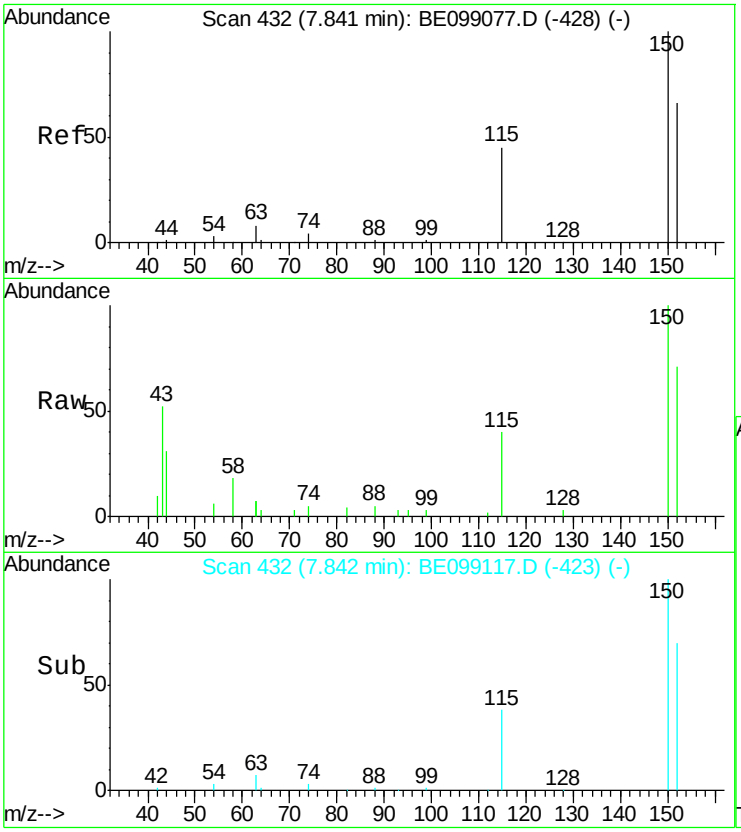
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099117.D
Acq On : 23 Mar 2019 18:17
Operator : JU/SJ
Sample : K2014-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Quant Time: Mar 23 22:36:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



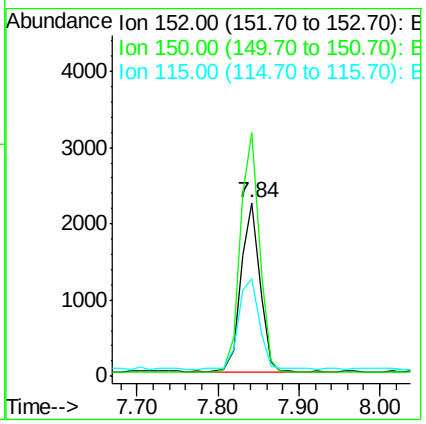


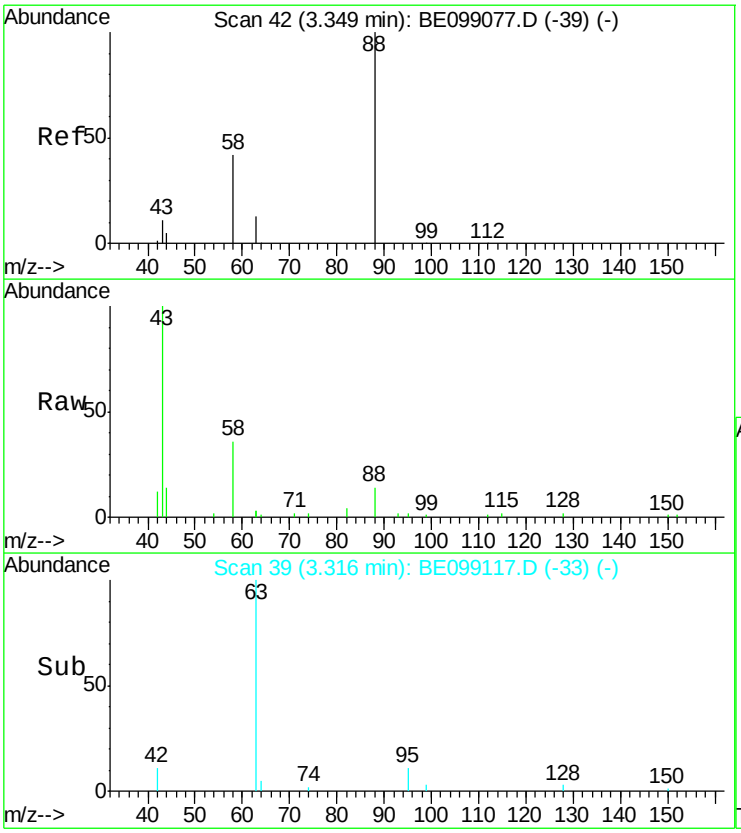
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:152 Resp: 3599

Ion	Ratio	Lower	Upper
152	100		
150	140.6	122.5	183.7
115	56.6	57.4	86.2#

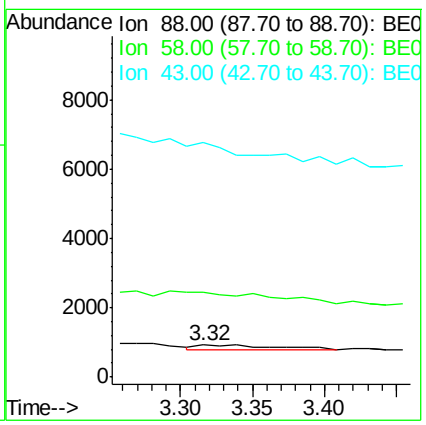


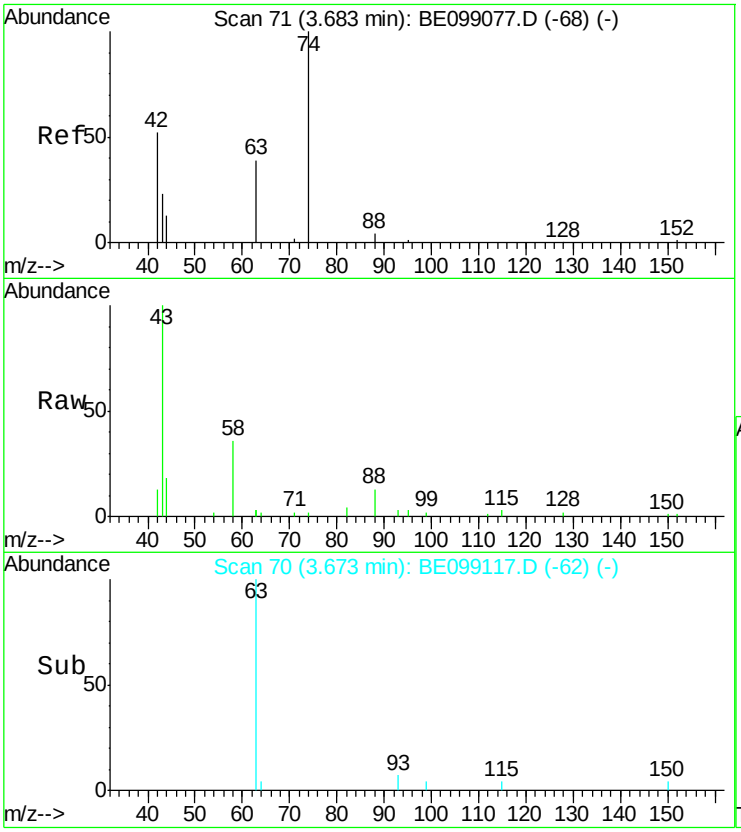


#2
1,4-Dioxane
Concen: 0.075 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.03 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion: 88 Resp: 419

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



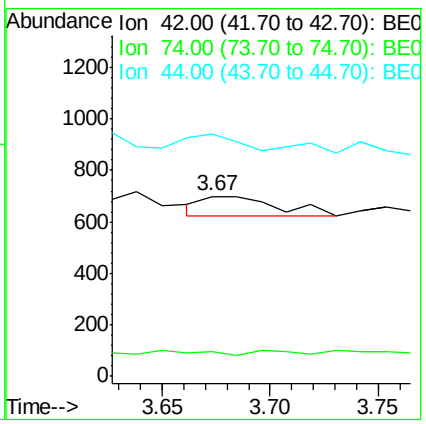


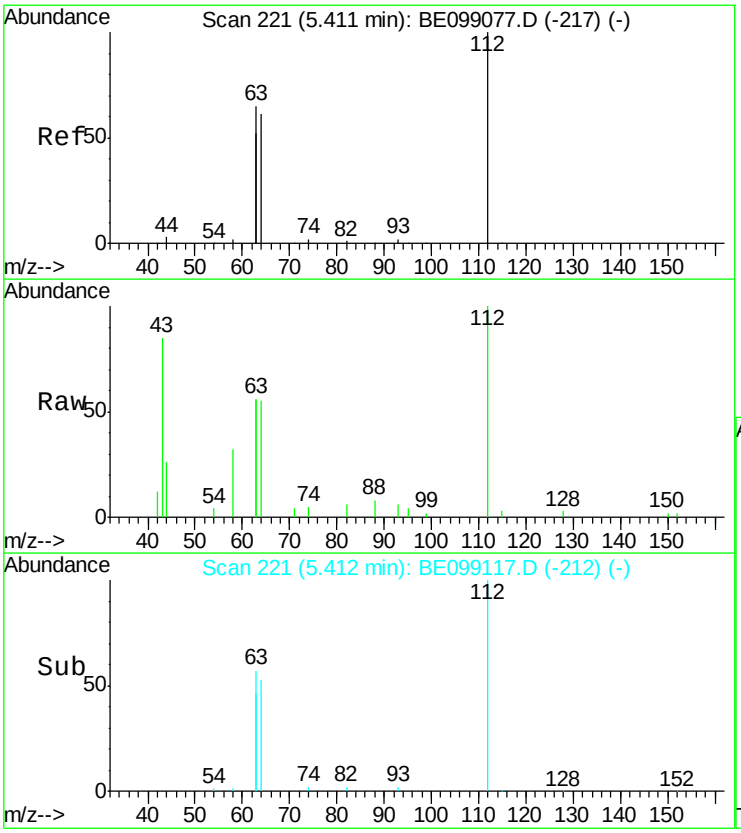
#3
n-Nitrosodimethylamine
Concen: 0.060 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion: 42 Resp: 174

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	43.1	0.0	0.0#

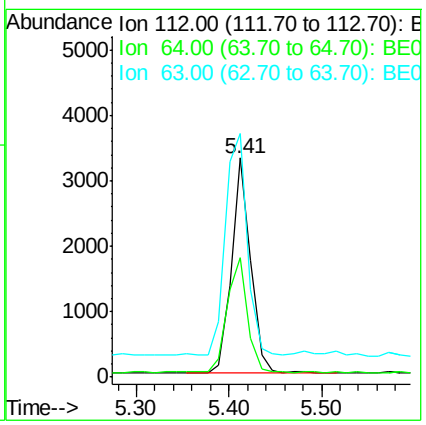


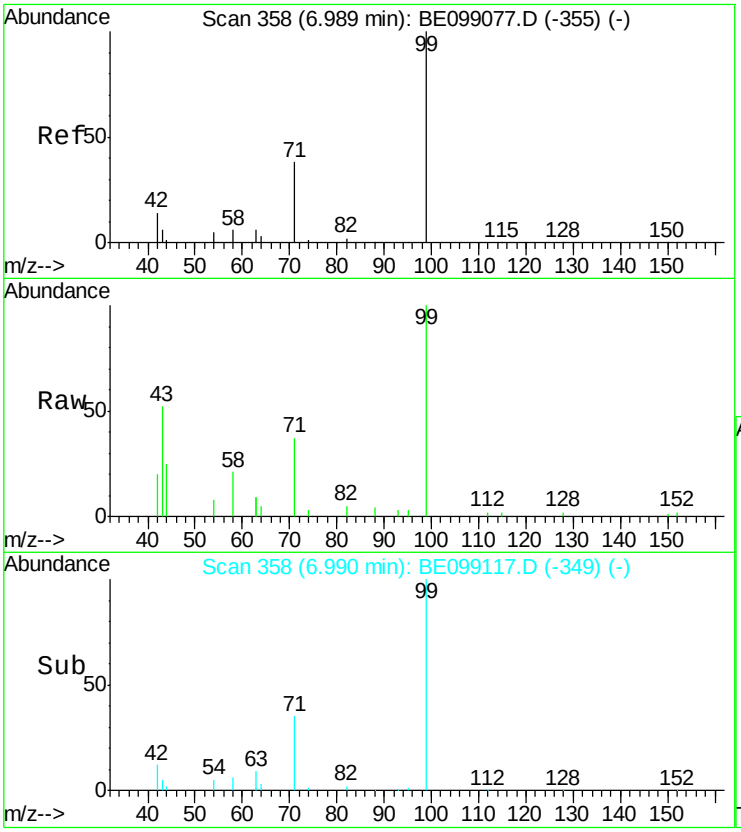


#4
2-Fluorophenol
Concen: 0.443 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:112 Resp: 4751

Ion	Ratio	Lower	Upper
112	100		
64	55.8	57.9	86.9#
63	117.2	158.3	237.5#



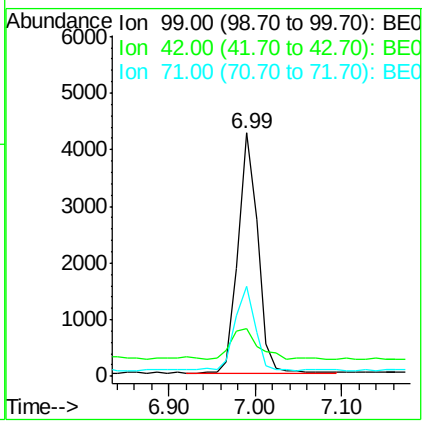


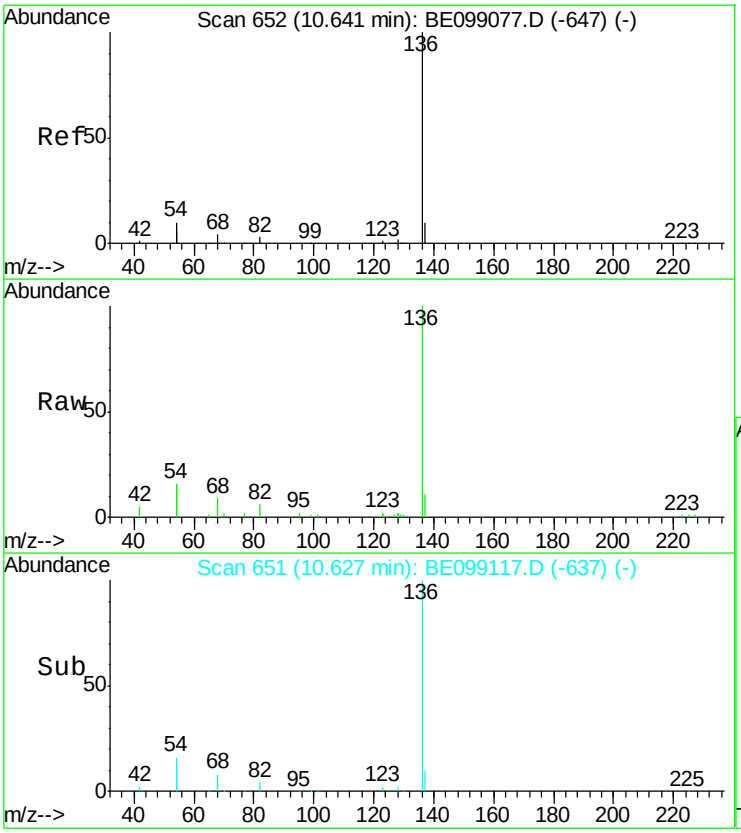
#5
Phenol-d6
Concen: 0.435 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion: 99 Resp: 6705

Ion	Ratio	Lower	Upper
99	100		
42	17.7	24.2	36.2#
71	35.7	35.7	53.5#

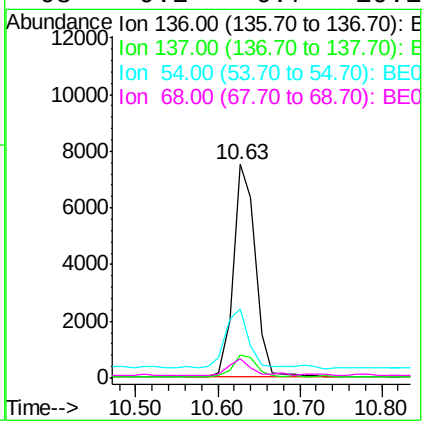


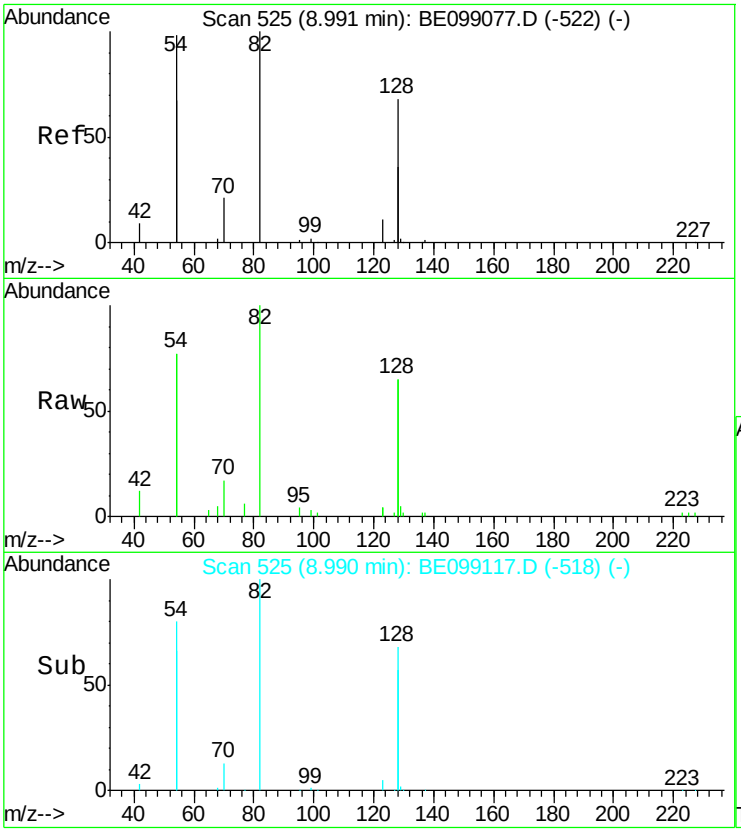


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:136 Resp: 13782

Ion	Ratio	Lower	Upper
136	100		
137	10.6	11.4	17.0#
54	32.5	39.3	58.9#
68	9.2	6.7	10.1



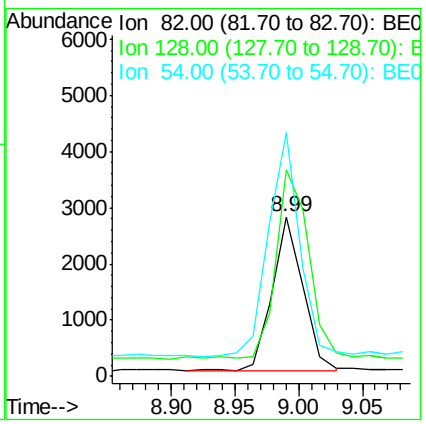


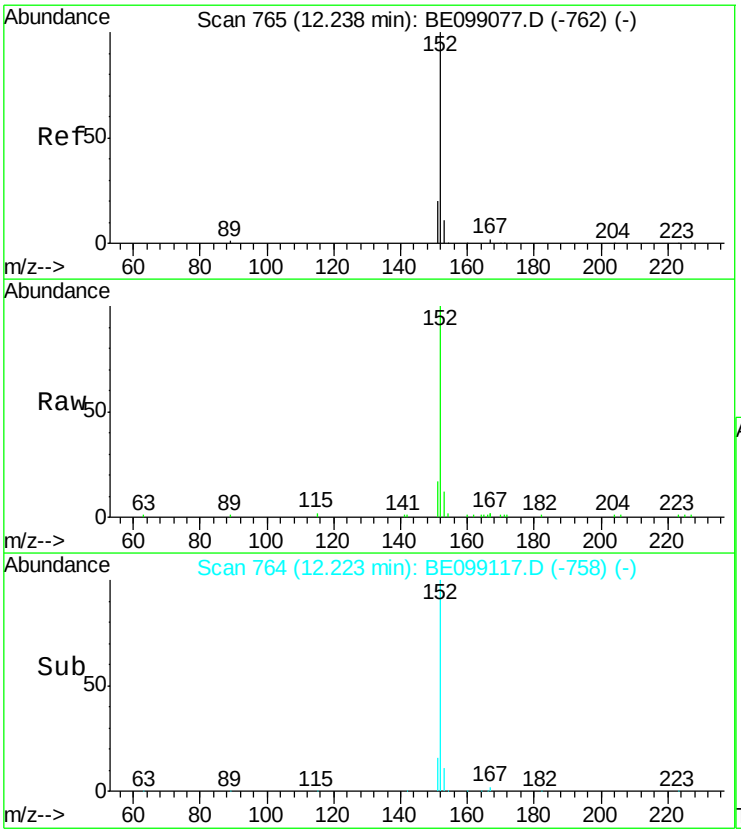
#8
Nitrobenzene-d5
Concen: 0.748 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion: 82 Resp: 4505

Ion	Ratio	Lower	Upper
82	100		
128	130.0	123.8	185.8
54	153.0	203.4	305.2#

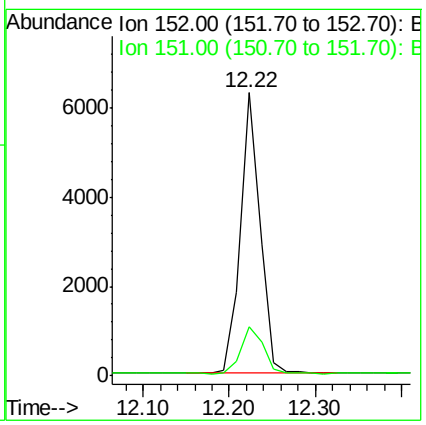


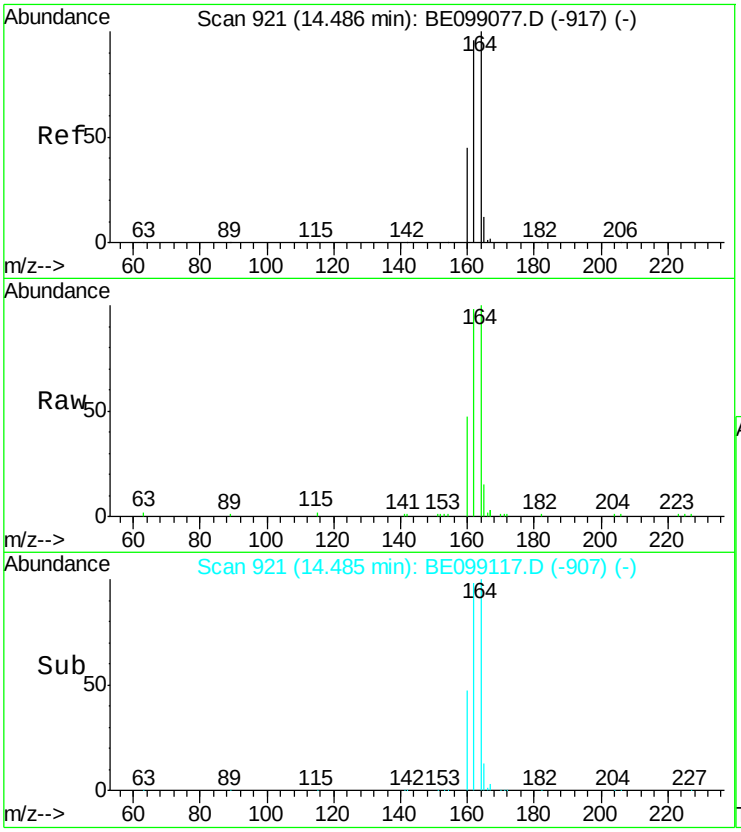


#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:152 Resp: 9838

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7



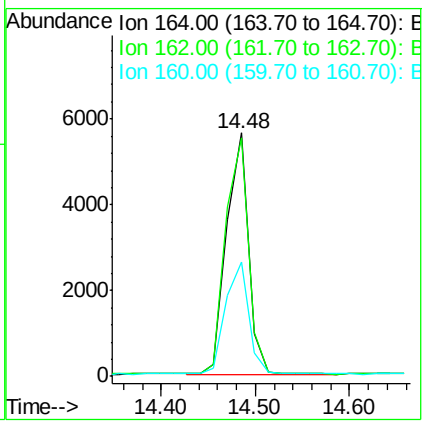


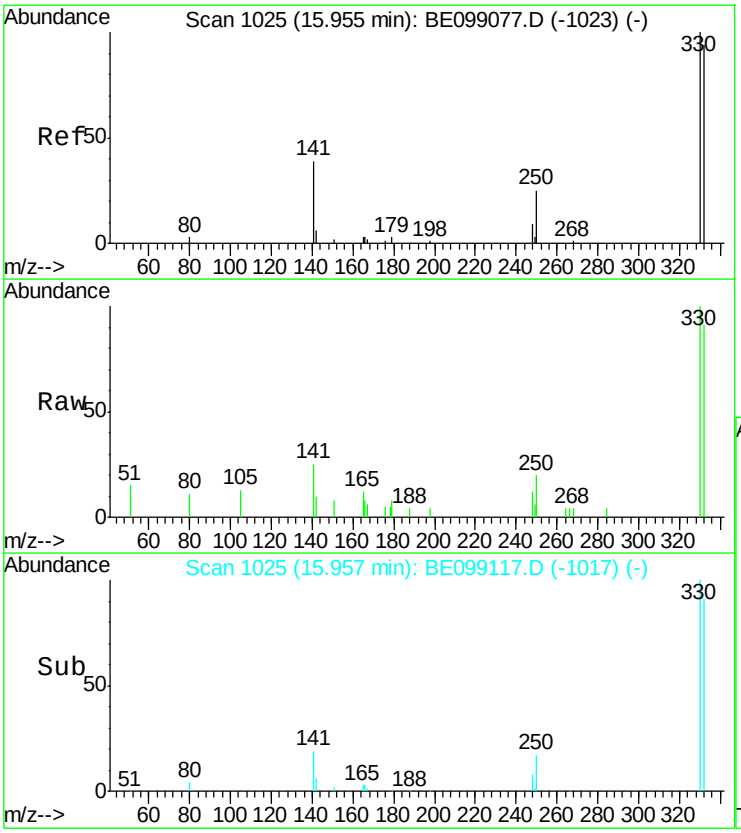
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:164 Resp: 9049

Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.2	120.2
160	47.2	37.8	56.8

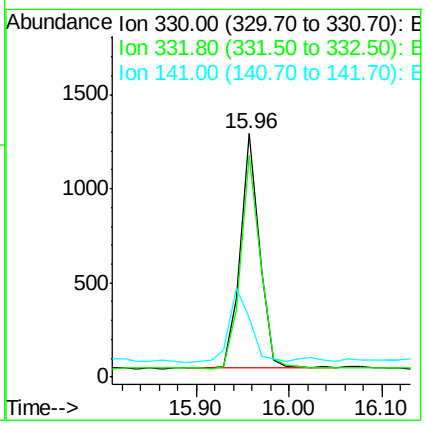


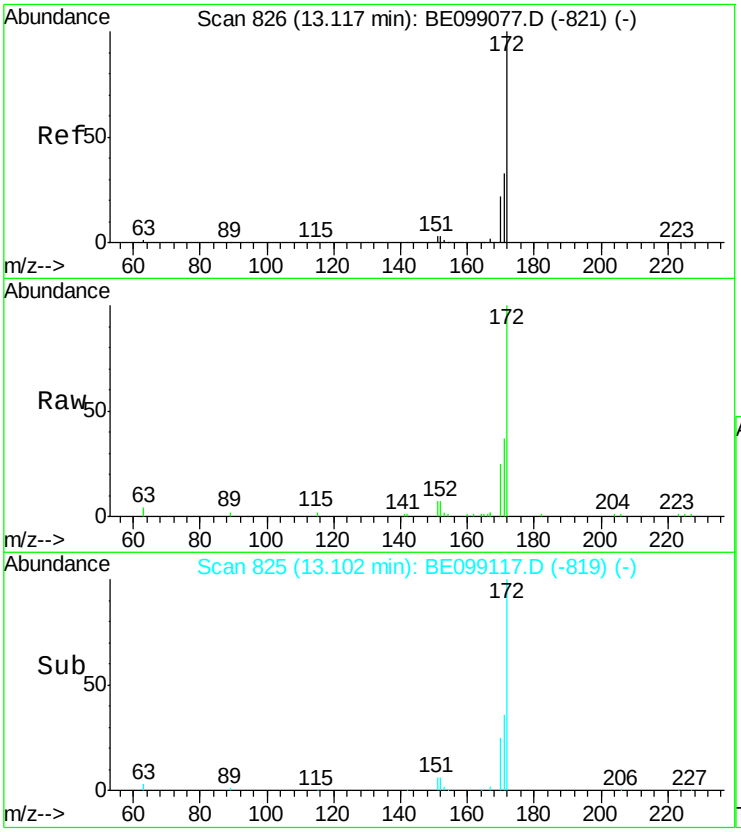


#14
2,4,6-Tribromophenol
Concen: 0.668 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:330 Resp: 1778

Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.6	116.4
141	34.8	31.0	46.4



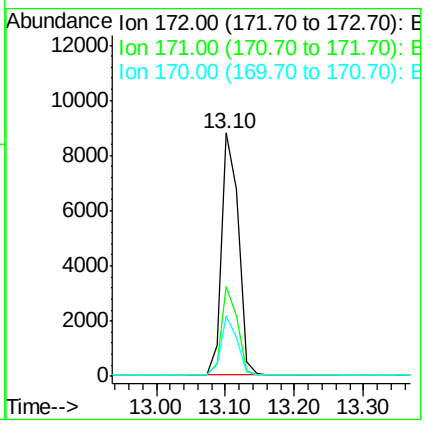


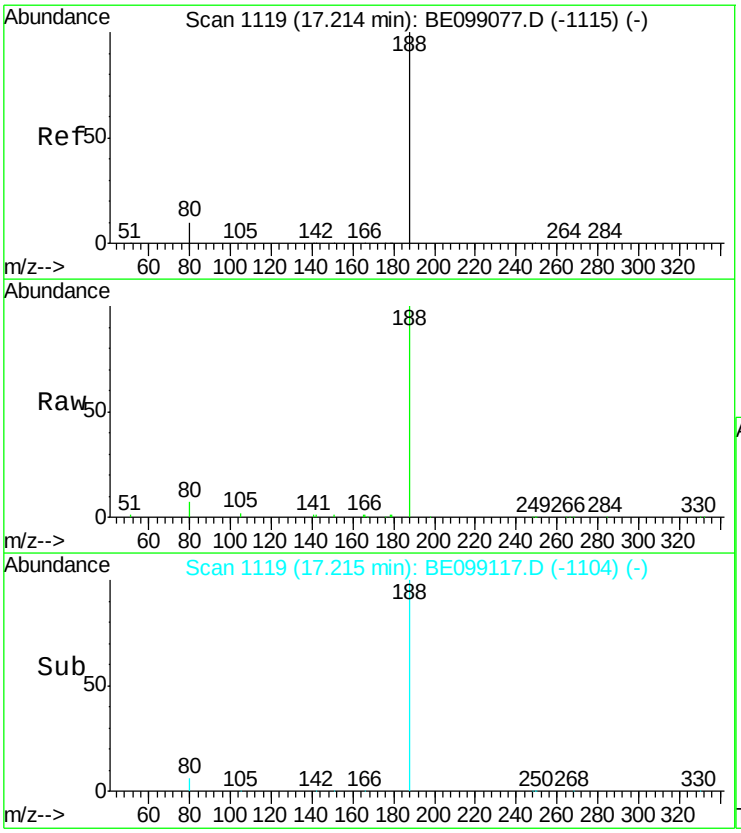
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:172 Resp: 14900

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.0	42.0
170	25.1	17.7	26.5

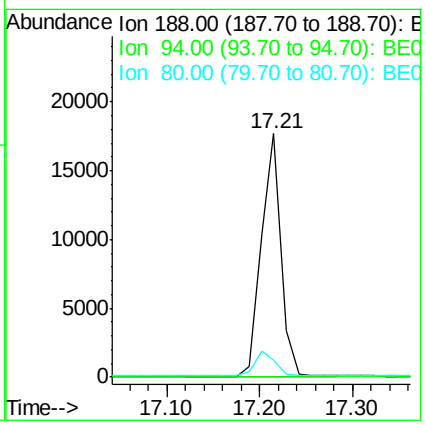


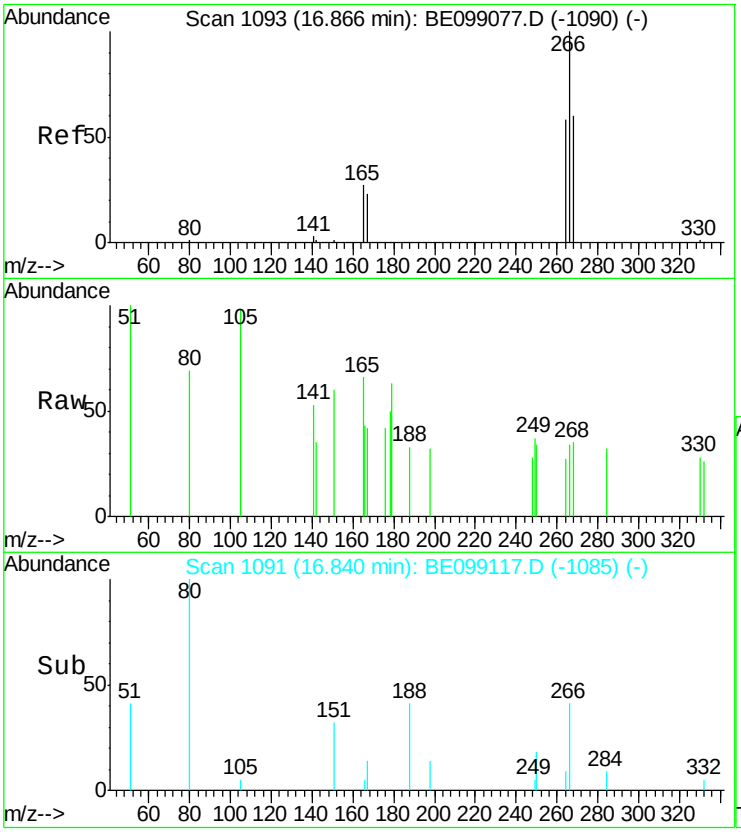


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:188 Resp: 26011

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.3	9.5



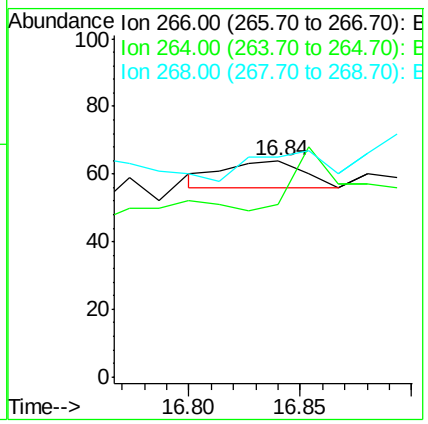


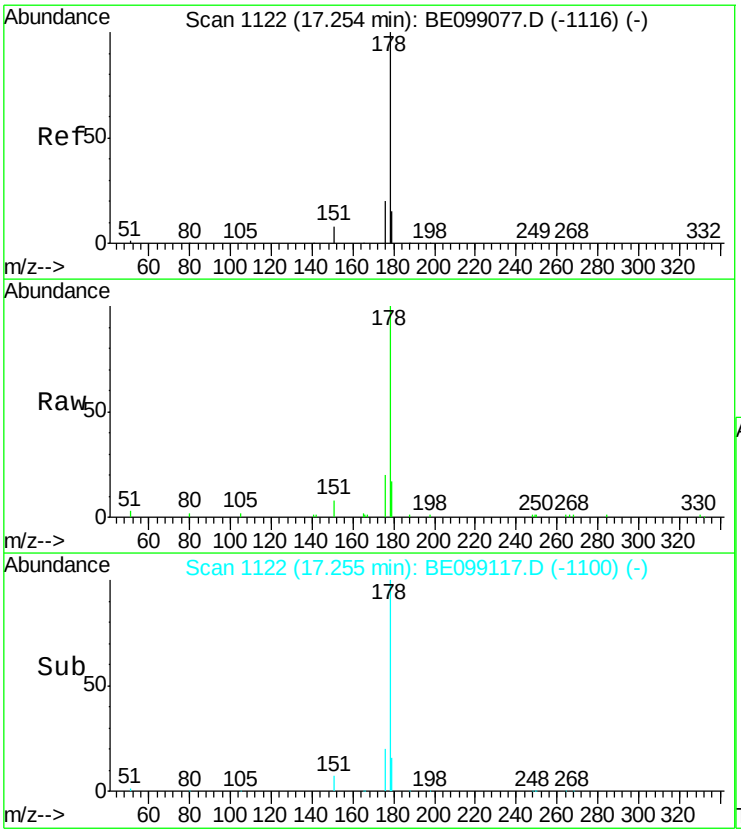
#22
Pentachlorophenol
Concen: 0.255 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	79.7	66.6	100.0
268	101.6	69.8	104.8

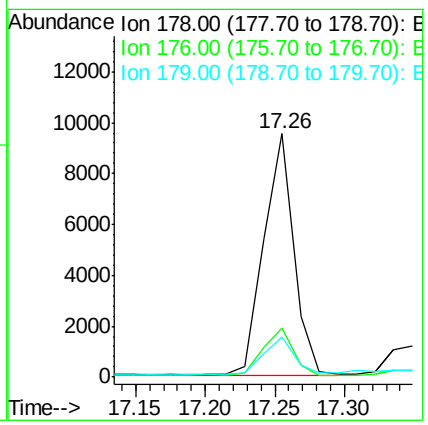


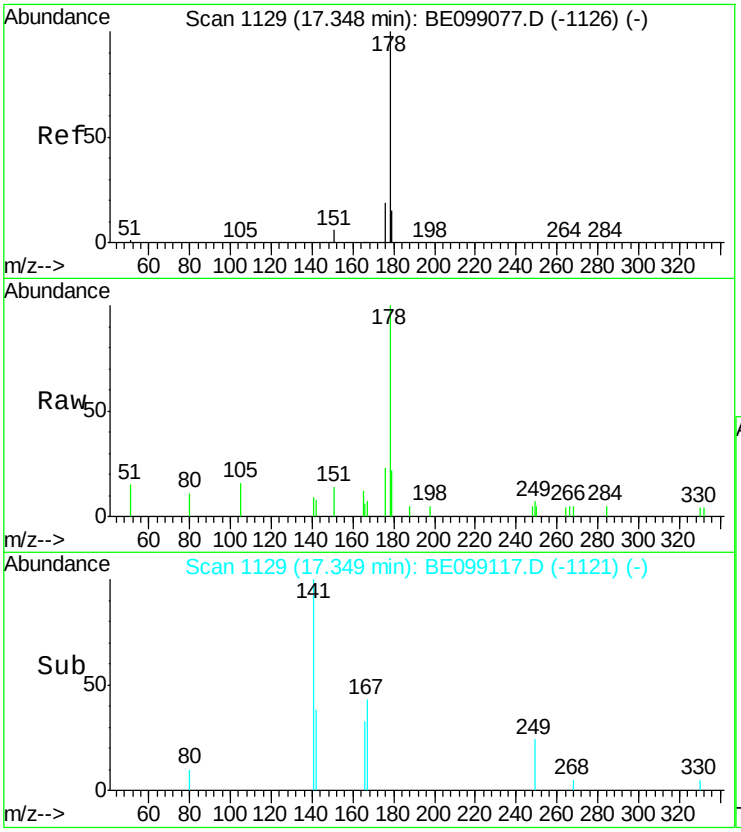


#23
Phenanthrene
Concen: 0.184 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:178 Resp: 14177

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.1	12.1	18.1



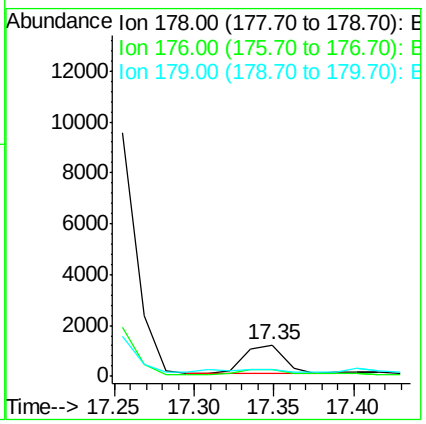


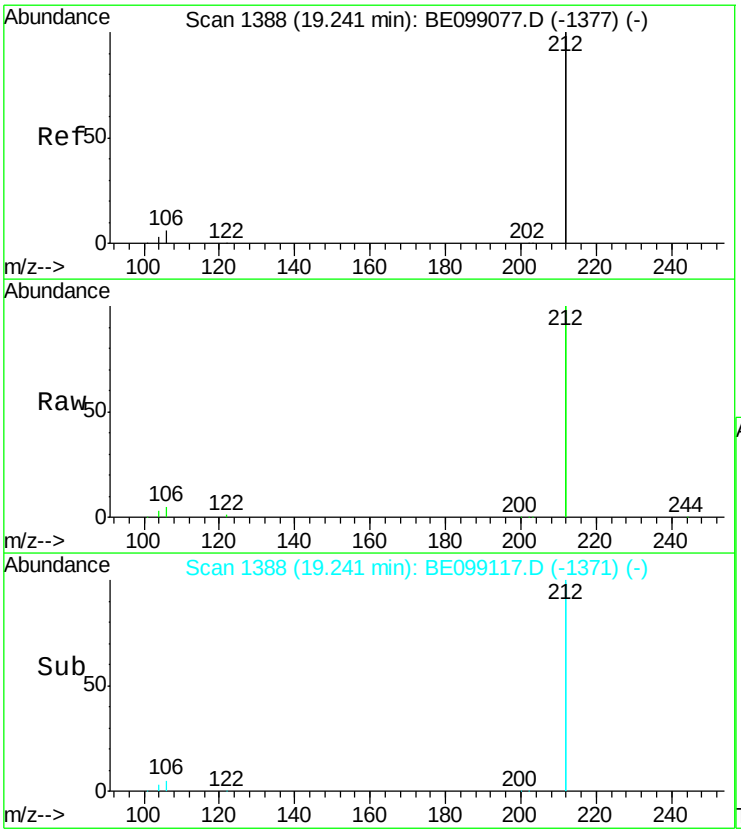
#24
Anthracene
Concen: 0.025 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:178 Resp: 1858

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	20.3	12.2	18.4#

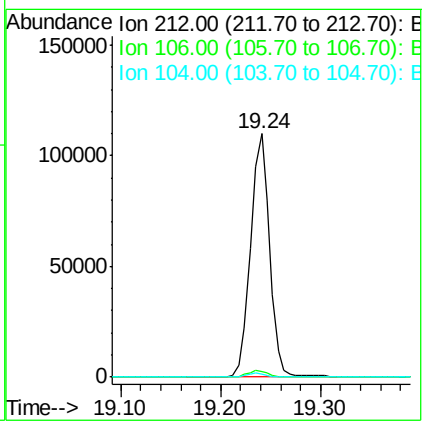


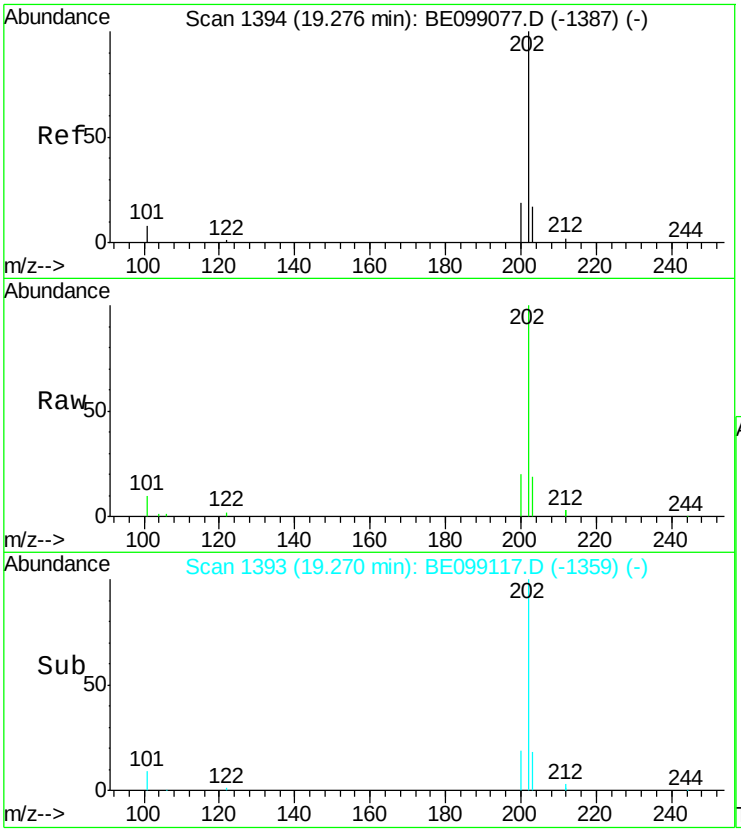


#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:212 Resp: 146035

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



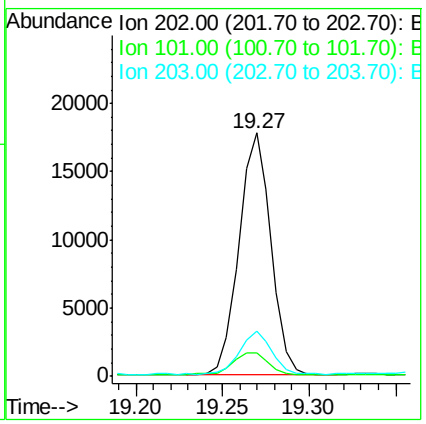


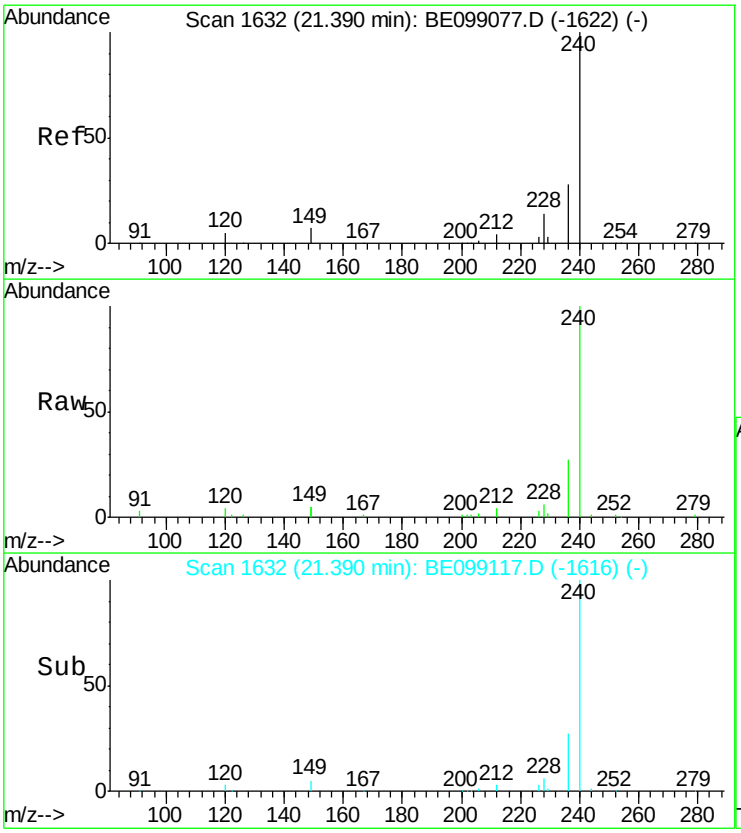
#26
Fluoranthene
Concen: 0.209 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:202 Resp: 22759

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.3	10.9
203	17.9	13.4	20.2

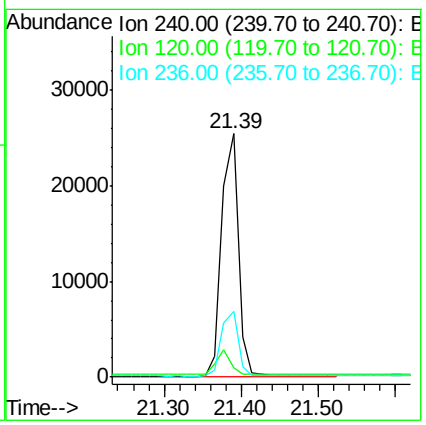


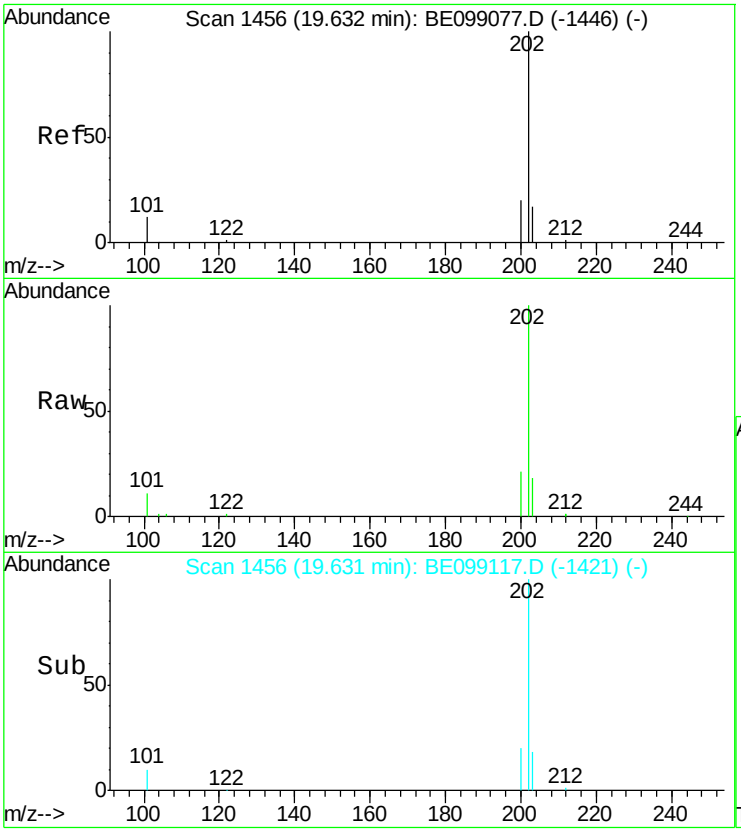


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:240 Resp: 38259

Ion	Ratio	Lower	Upper
240	100		
120	4.1	5.0	7.4#
236	27.0	22.7	34.1



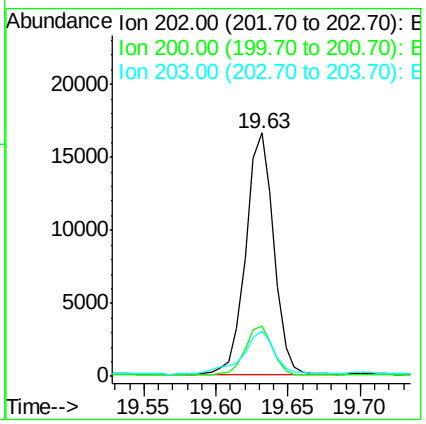


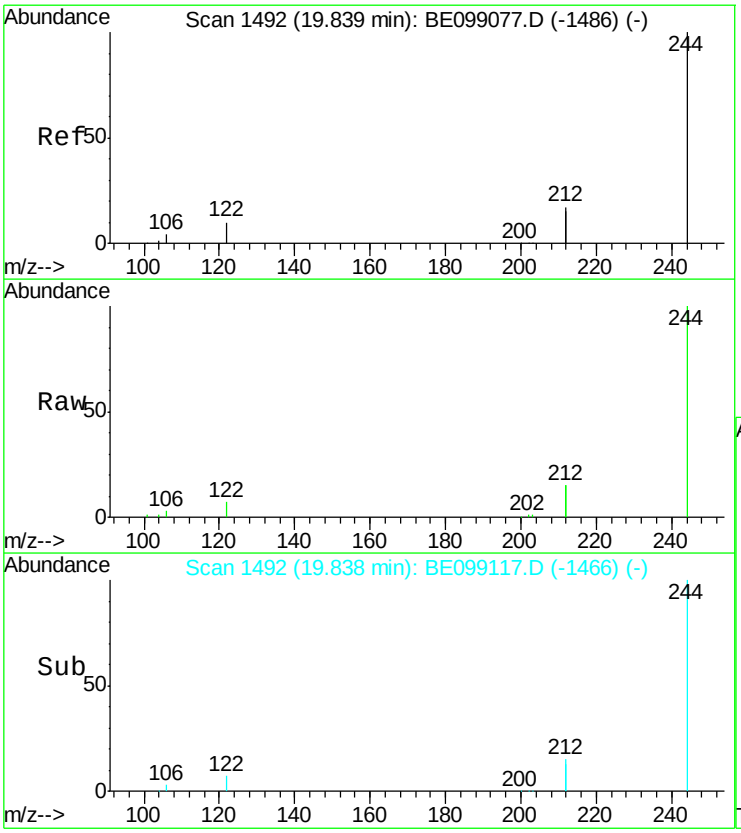
#28
Pyrene
Concen: 0.175 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:202 Resp: 22656

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	20.6	14.2	21.2

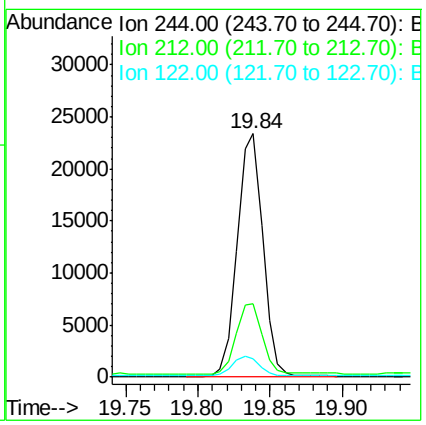


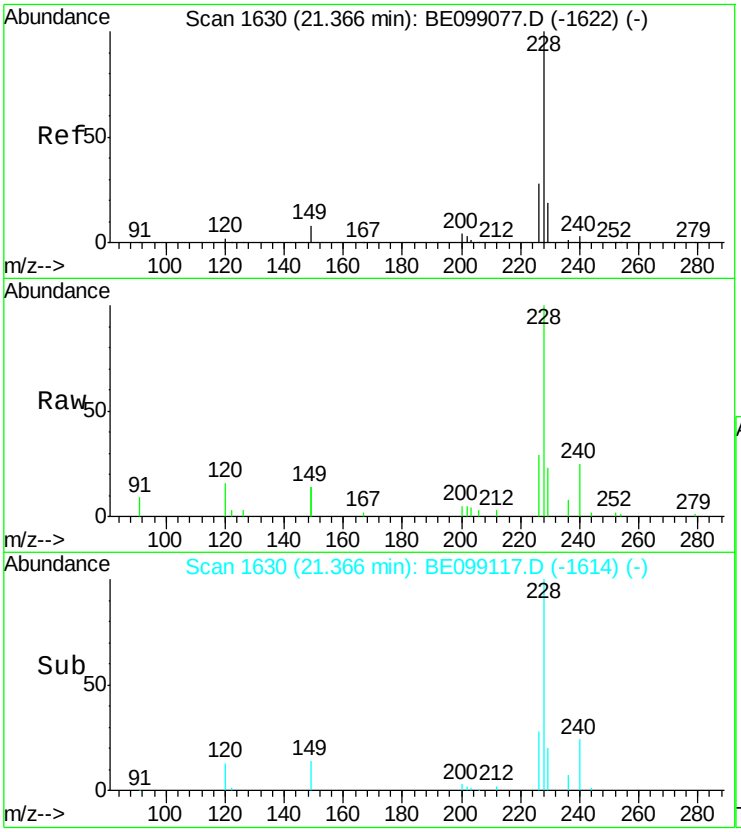


#29
Terphenyl-d14
Concen: 0.355 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:244 Resp: 28763

Ion	Ratio	Lower	Upper
244	100		
212	29.9	29.4	44.2
122	7.4	7.1	10.7



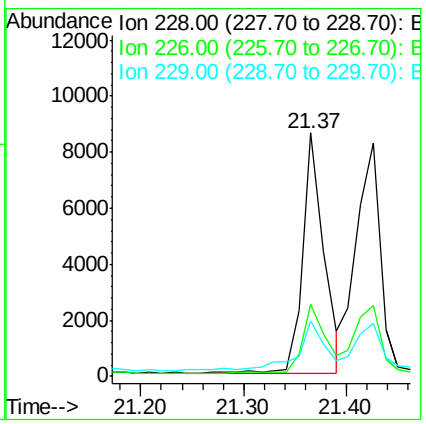


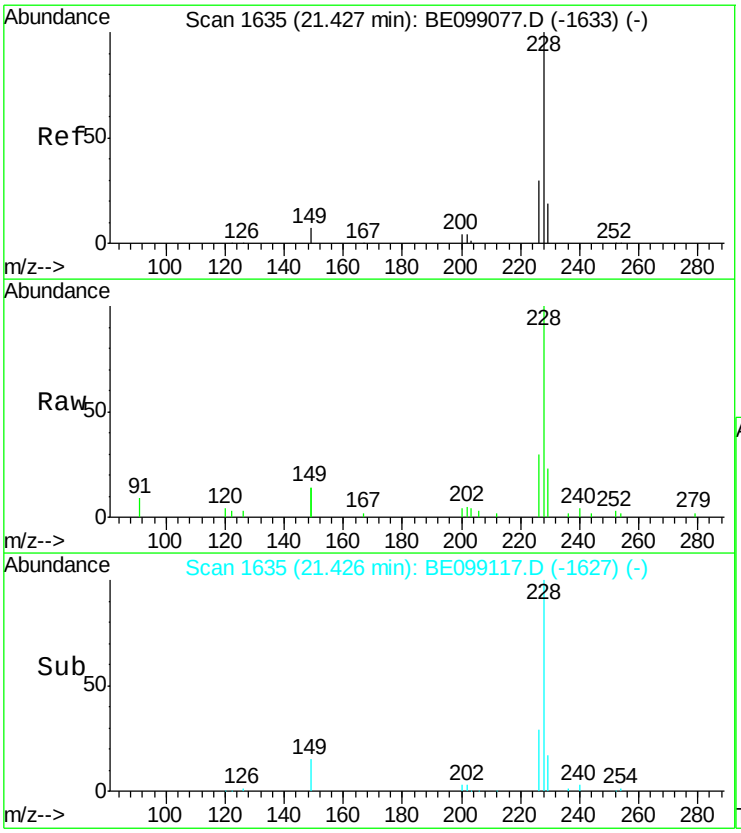
#30
Benzo(a)anthracene
Concen: 0.092 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:228 Resp: 12391

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	22.7	16.5	24.7

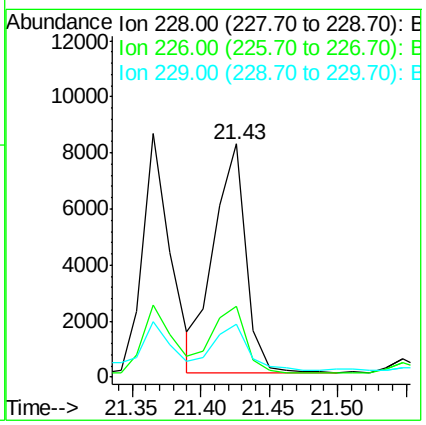


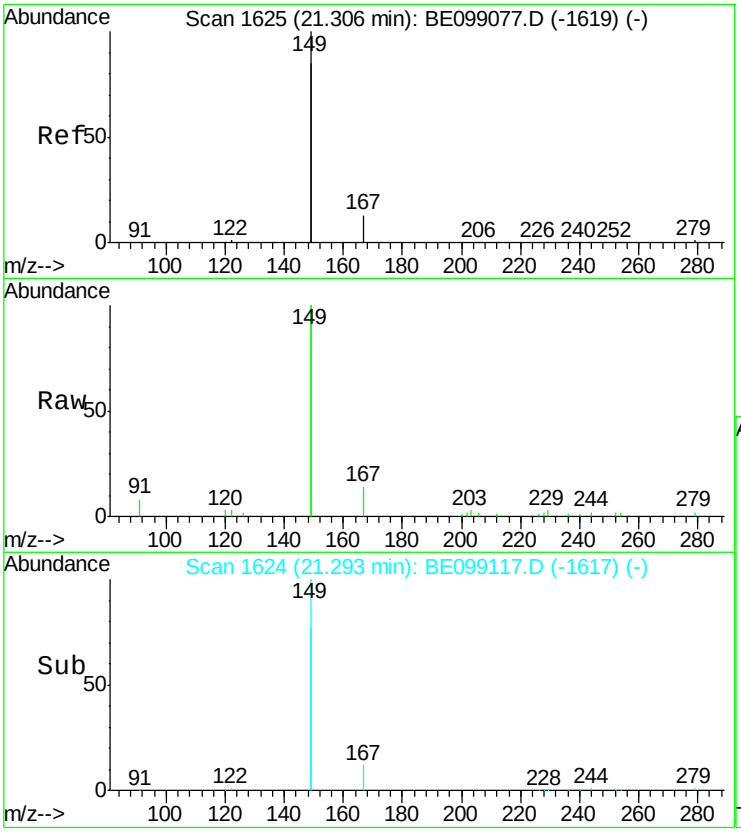


#31
Chrysene
Concen: 0.098 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:228 Resp: 13177

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	22.7	16.1	24.1



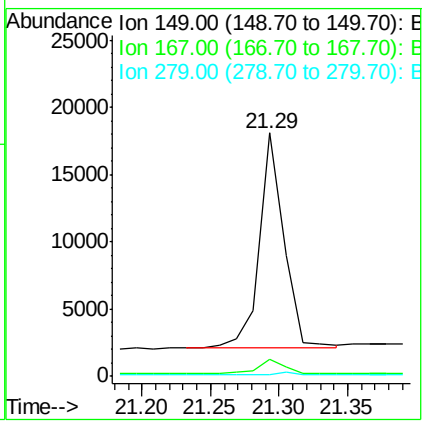


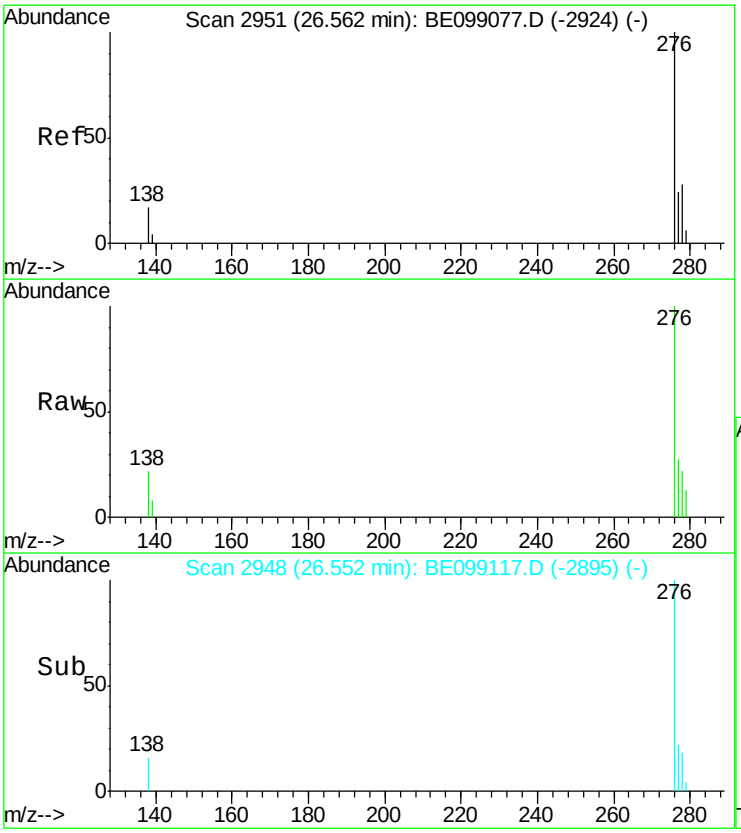
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:149 Resp: 19732

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.2	1.0	1.4

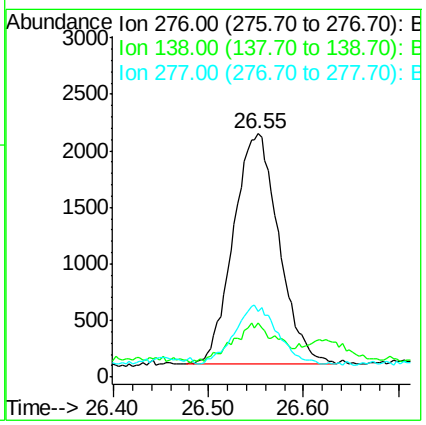


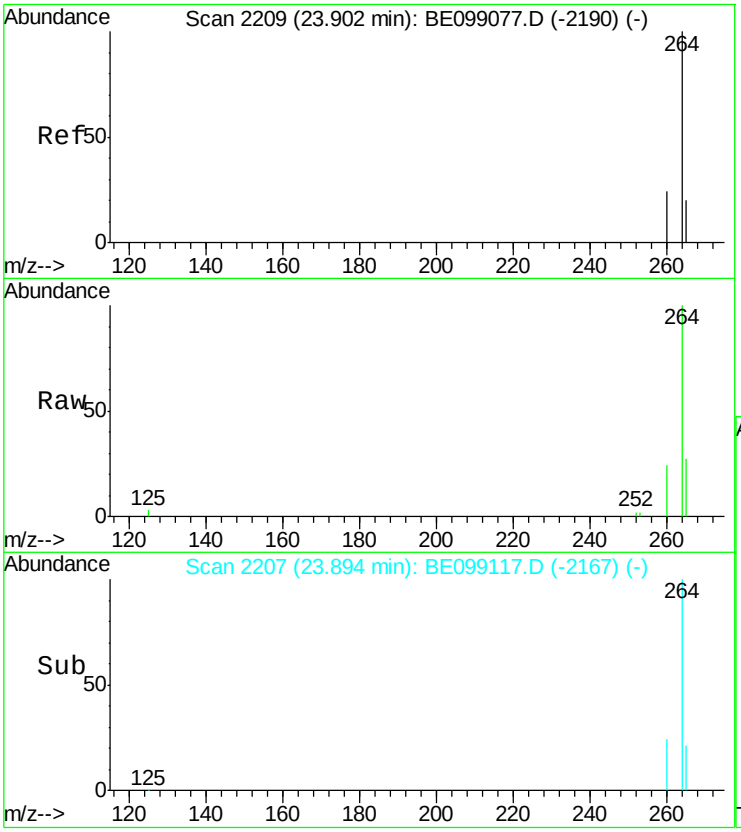


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:276 Resp: 6800

Ion	Ratio	Lower	Upper
276	100		
138	12.6	13.8	20.8#
277	23.9	19.5	29.3



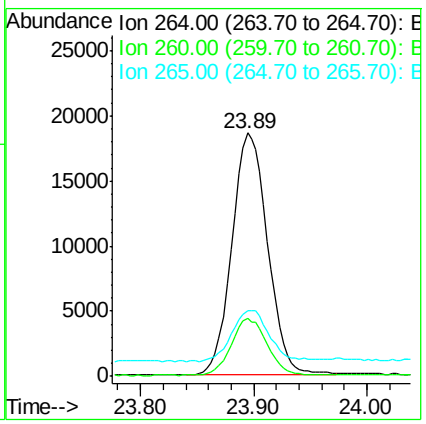


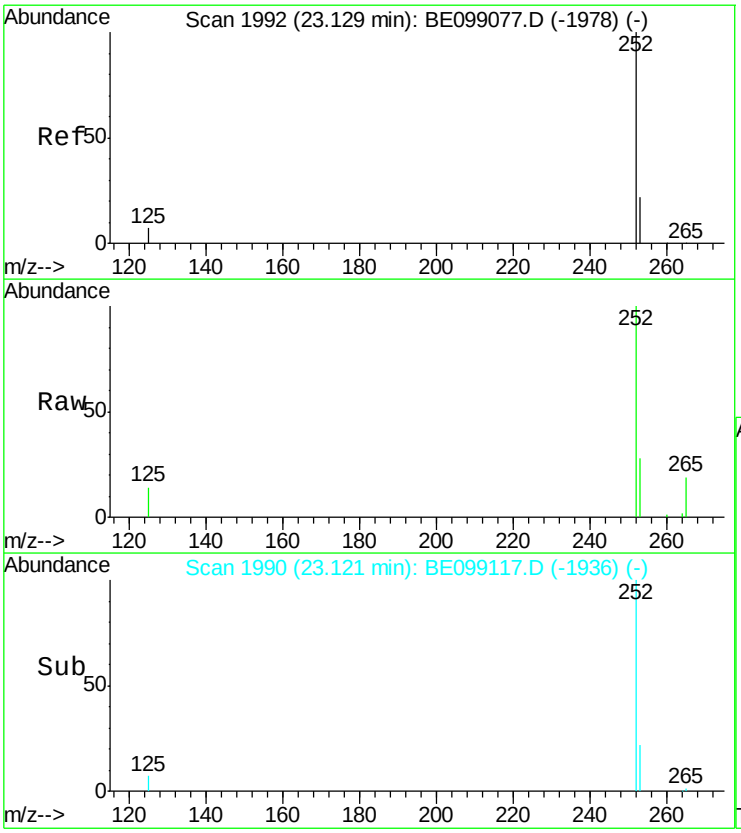
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:264 Resp: 40671

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.2	31.8
265	27.0	24.6	36.8

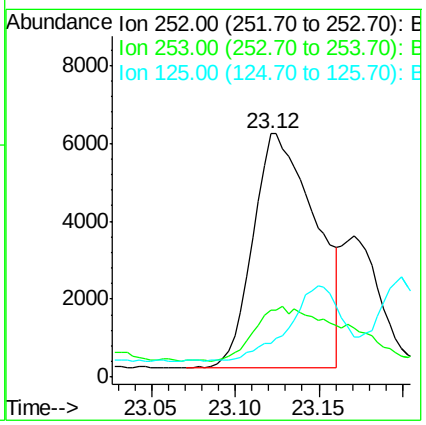


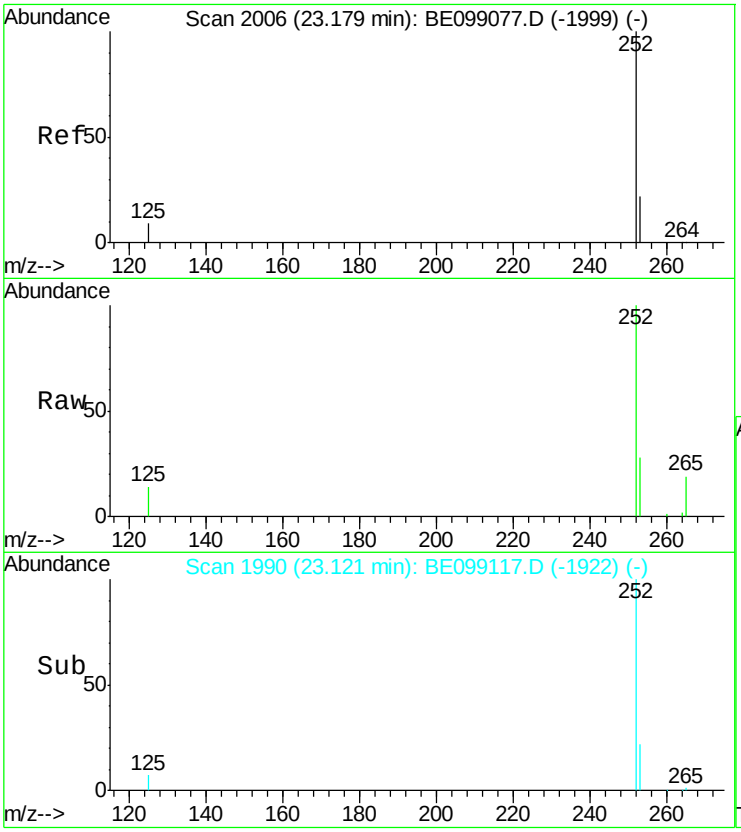


#35
Benzo(b)fluoranthene
Concen: 0.111 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:252 Resp: 15661

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.2	27.2#
125	13.7	7.3	10.9#



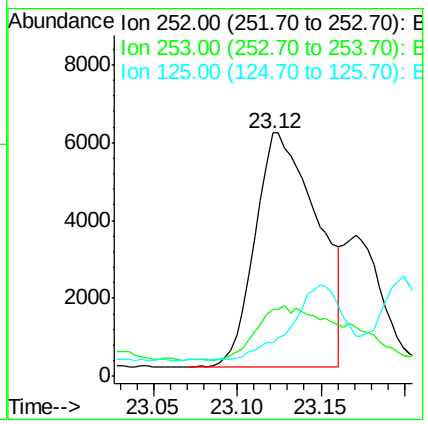


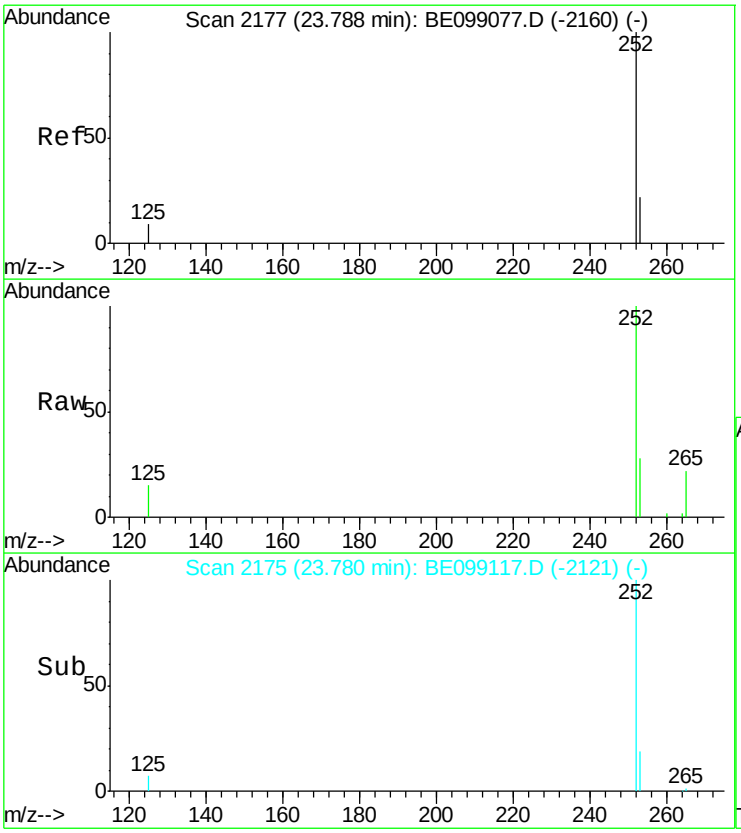
#36
Benzo(k)fluoranthene
Concen: 0.114 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:252 Resp: 15661

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.3	28.9
125	13.7	7.5	11.3#

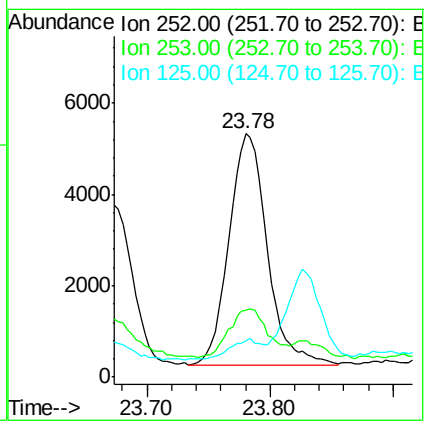


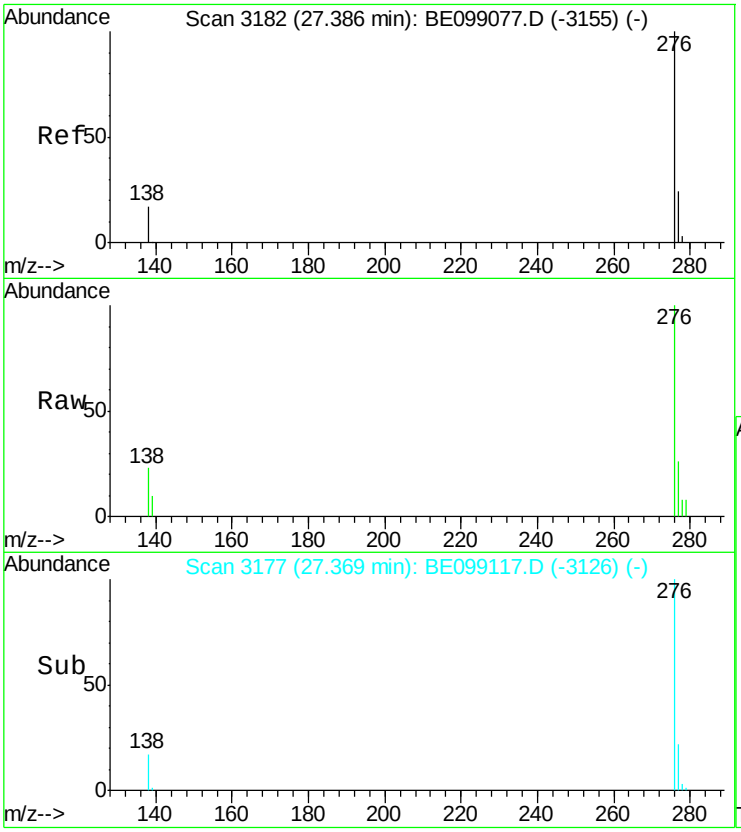


#37
Benzo(a)pyrene
Concen: 0.085 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Tgt Ion:252 Resp: 11013

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.9	29.9
125	15.0	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.053 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099117.D
Acq: 23 Mar 2019 18:17

Instrument :
BNA_E
ClientSampleId :
PST-026-SW042-031919

Tgt Ion:276 Resp: 6916

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.4	30.6
138	23.4	13.6	20.4#