Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099136.D
Acq On : 24 Mar 2019 6:50
Operator : JU/SJ
Sample : K1947-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-028-B098-031219

Quant Time: Mar 24 23:02:36 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	3590	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	14641	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9522	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	27674	0.40	ng		0.00
27) Chrysene-d12	21.39	240	38436	0.40	ng		0.00
34) Perylene-d12	23.90	264	41634	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4483	0.42	ng		0.00
5) Phenol-d6	6.99	99	6630	0.43	ng		0.00
8) Nitrobenzene-d5	8.99	82	5018	0.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	9479	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	2377	0.85	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	14275	0.38	ng		-0.02
25) Fluoranthene-d10	19.24	212	131421	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	27442	0.34	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.72	42	63	0.022	ng	#	40
17) Acenaphthene	14.54	154	608	0.020	ng		98
22) Pentachlorophenol	16.85	266	113	0.271	ng		92
23) Phenanthrene	17.25	178	15906	0.194	ng		98
24) Anthracene	17.35	178	3682	0.047	ng	#	93
26) Fluoranthene	19.27	202	26795	0.232	ng		97
28) Pyrene	19.63	202	23380	0.179	ng	#	93
30) Benzo(a)anthracene	21.37	228	14709	0.109	ng		97
31) Chrysene	21.37	228	8981	0.066	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	23756	0.135	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.55	276	6206	0.043	ng		94
35) Benzo(b)fluoranthene	23.12	252	15973	0.111	ng	#	72
36) Benzo(k)fluoranthene	23.12	252	15973	0.113	ng	#	75
37) Benzo(a)pyrene	23.78	252	11419	0.086	ng	#	86
39) Benzo(g,h,i)perylene	27.37	276	5870	0.044	ng	#	87

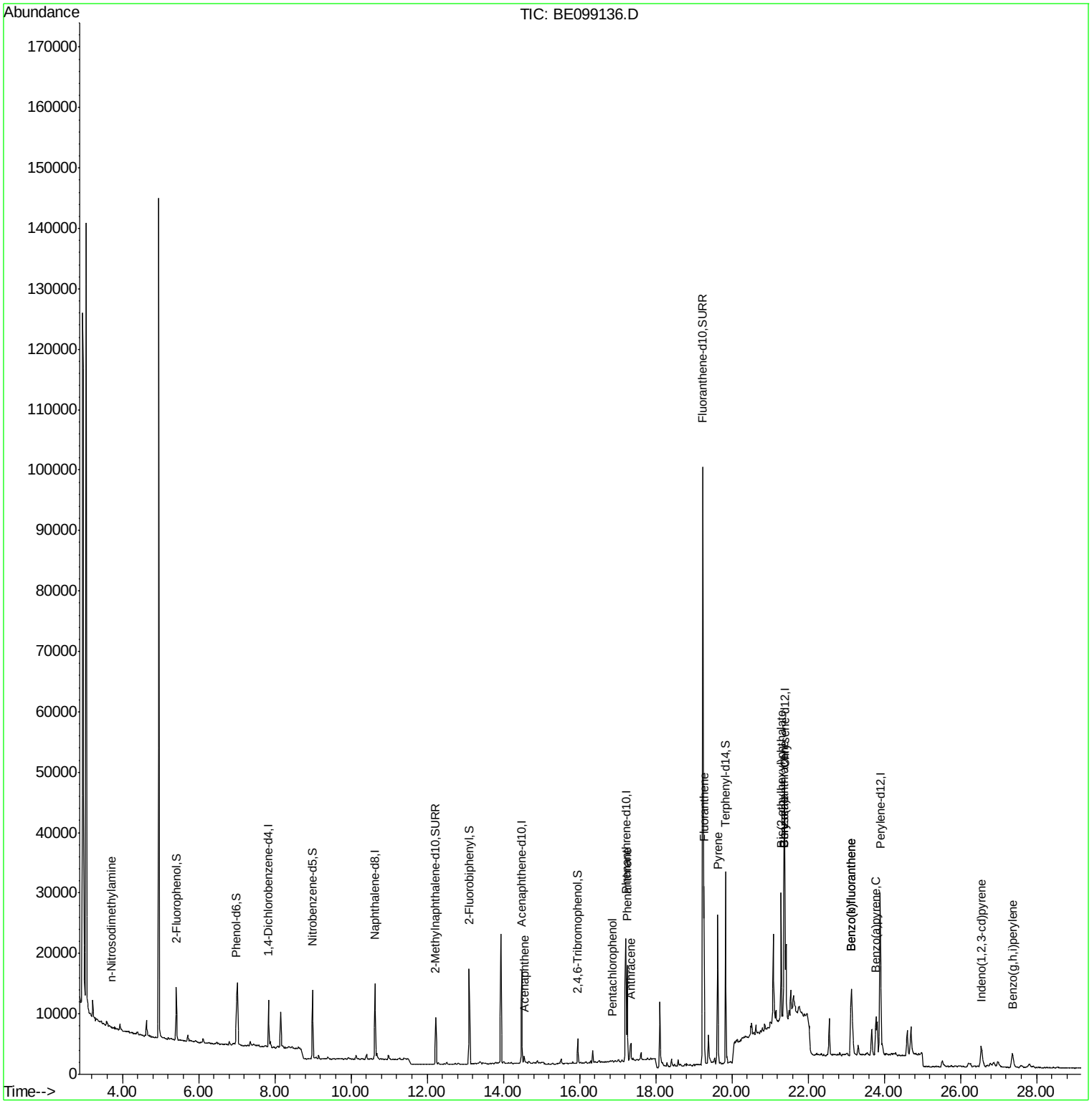
(#) = qualifier out of range (m) = manual integration (+) = signals summed

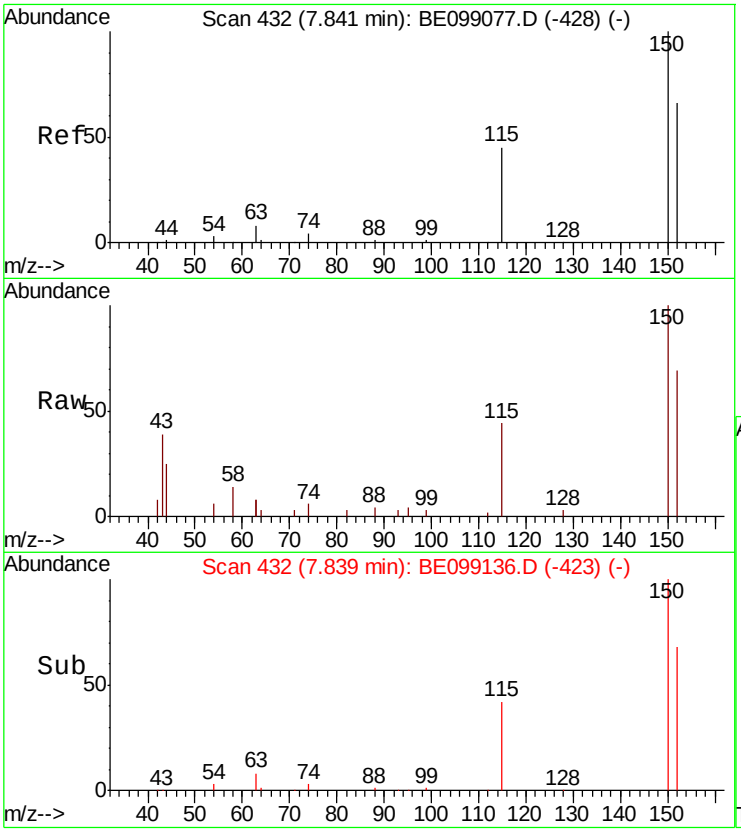
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099136.D
Acq On : 24 Mar 2019 6:50
Operator : JU/SJ
Sample : K1947-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Quant Time: Mar 24 23:02:36 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



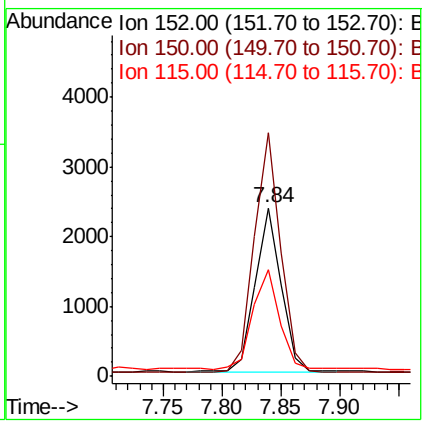


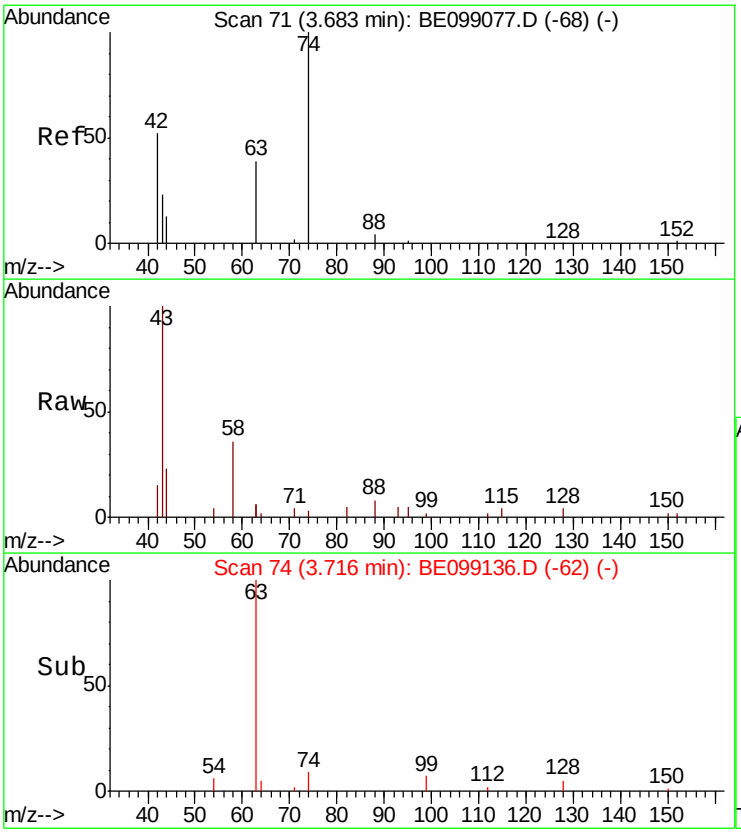
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:152 Resp: 3590

Ion	Ratio	Lower	Upper
152	100		
150	144.7	122.5	183.7
115	63.5	57.4	86.2

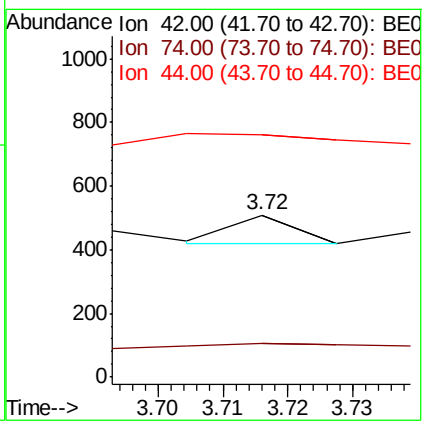


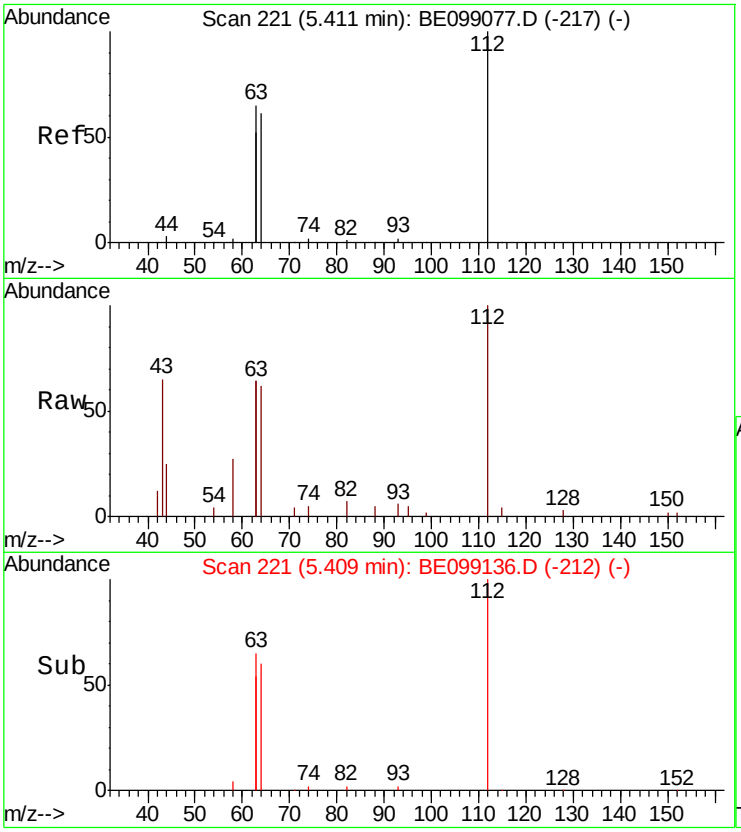


#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.03 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion: 42 Resp: 63

Ion	Ratio	Lower	Upper
42	100		
74	109.5	160.0	240.0#
44	112.7	0.0	0.0#



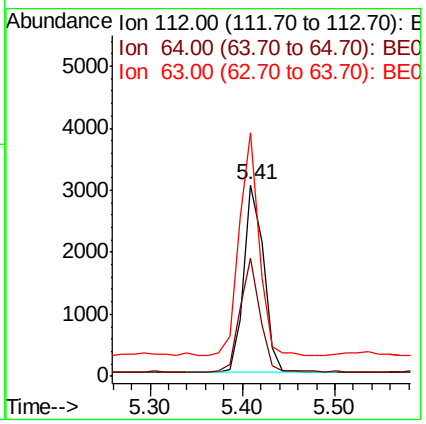


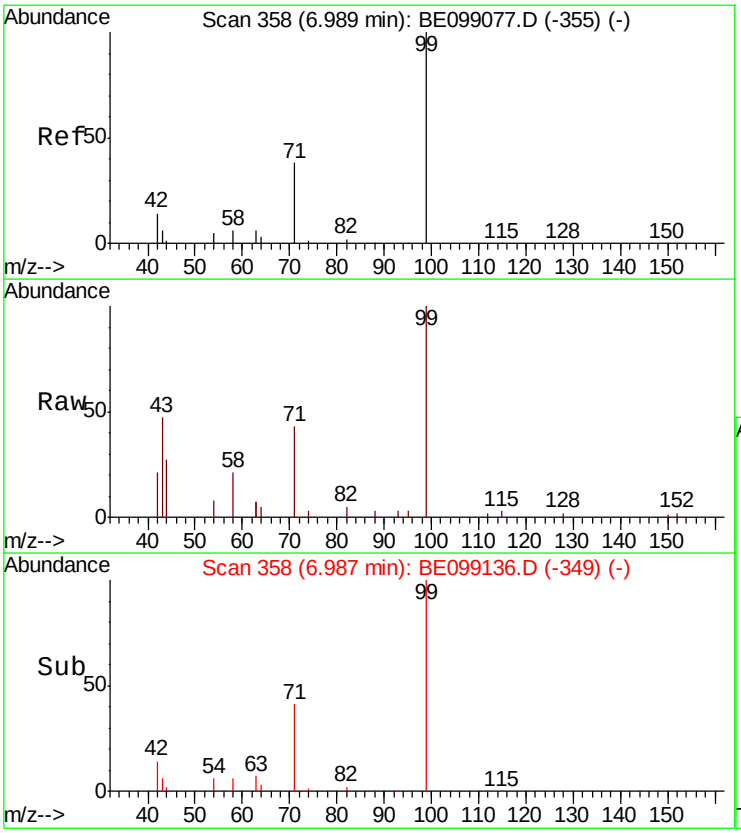
#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:112 Resp: 4483

Ion	Ratio	Lower	Upper
112	100		
64	60.3	57.9	86.9
63	119.0	158.3	237.5#

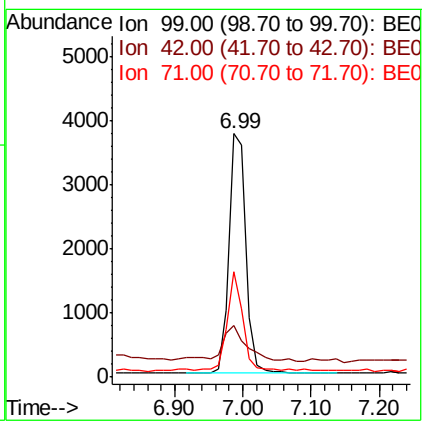


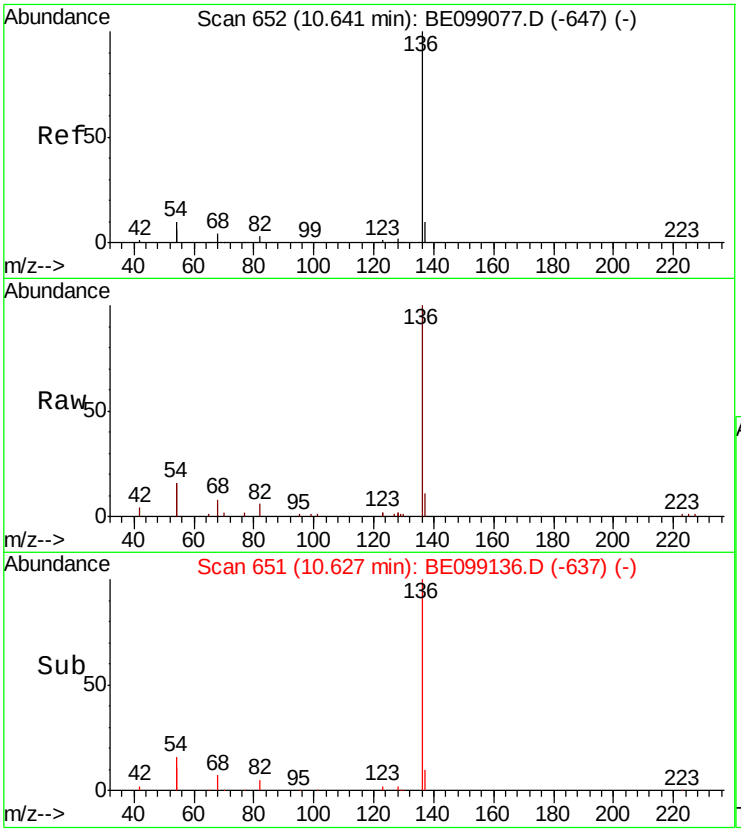


#5
Phenol-d6
Concen: 0.431 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion: 99 Resp: 6630

Ion	Ratio	Lower	Upper
99	100		
42	21.5	24.2	36.2#
71	37.0	35.7	53.5



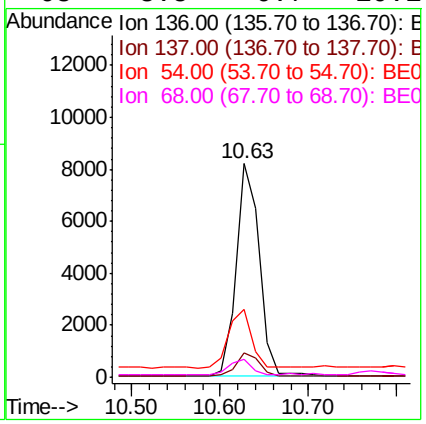


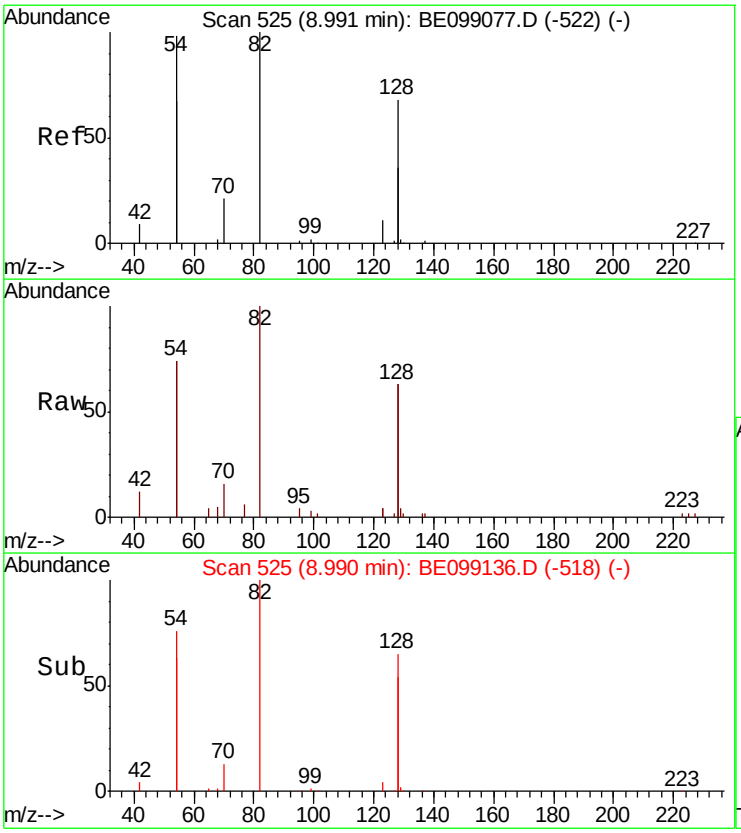
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:136 Resp: 14641

Ion	Ratio	Lower	Upper
136	100		
137	11.1	11.4	17.0#
54	31.9	39.3	58.9#
68	8.5	6.7	10.1

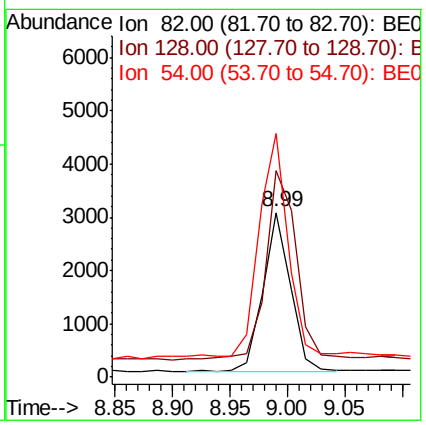


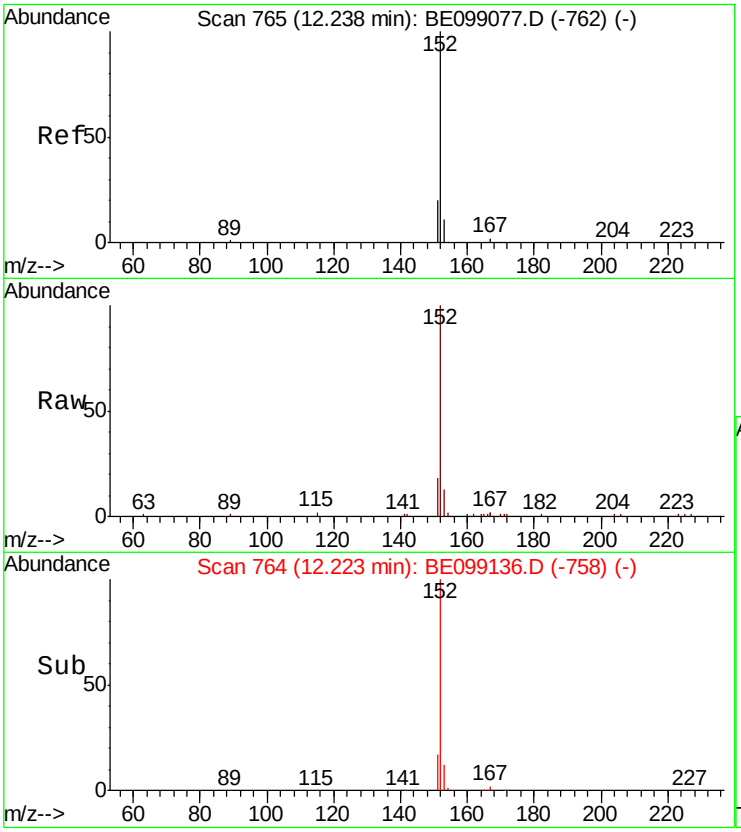


#8
Nitrobenzene-d5
Concen: 0.784 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion: 82 Resp: 5018

Ion	Ratio	Lower	Upper
82	100		
128	125.8	123.8	185.8
54	147.9	203.4	305.2#



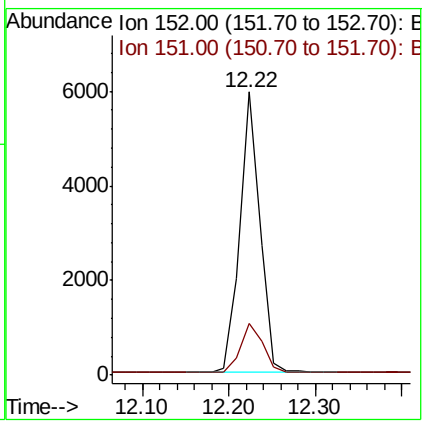


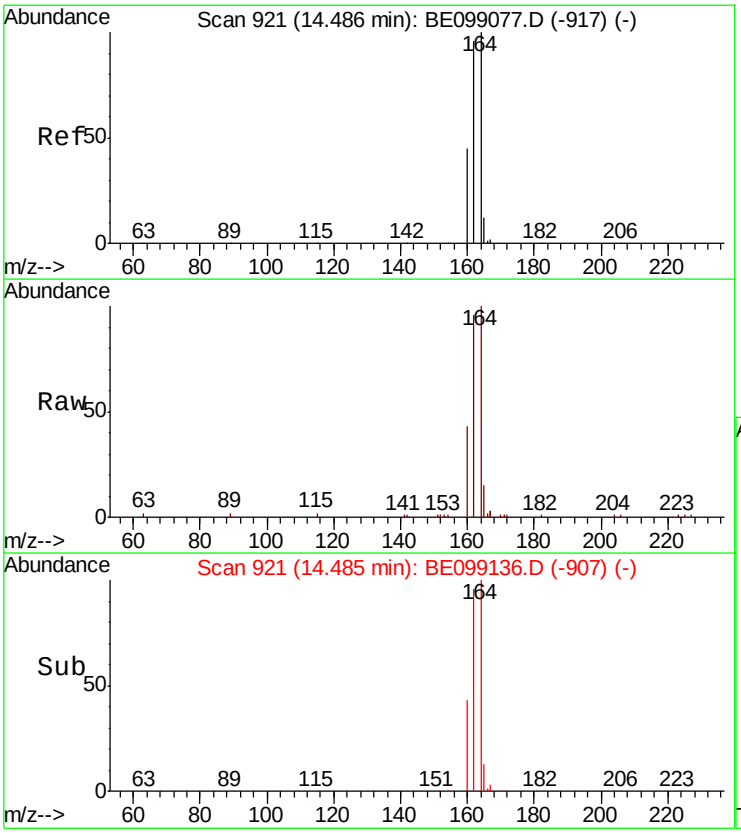
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:152 Resp: 9479

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7

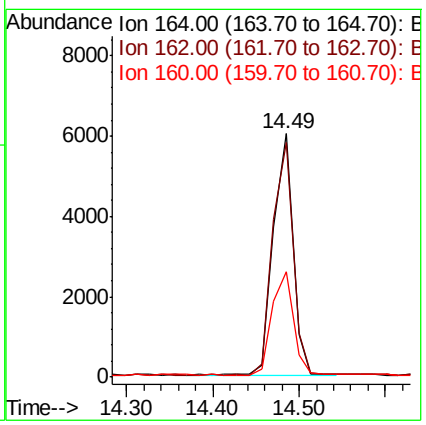


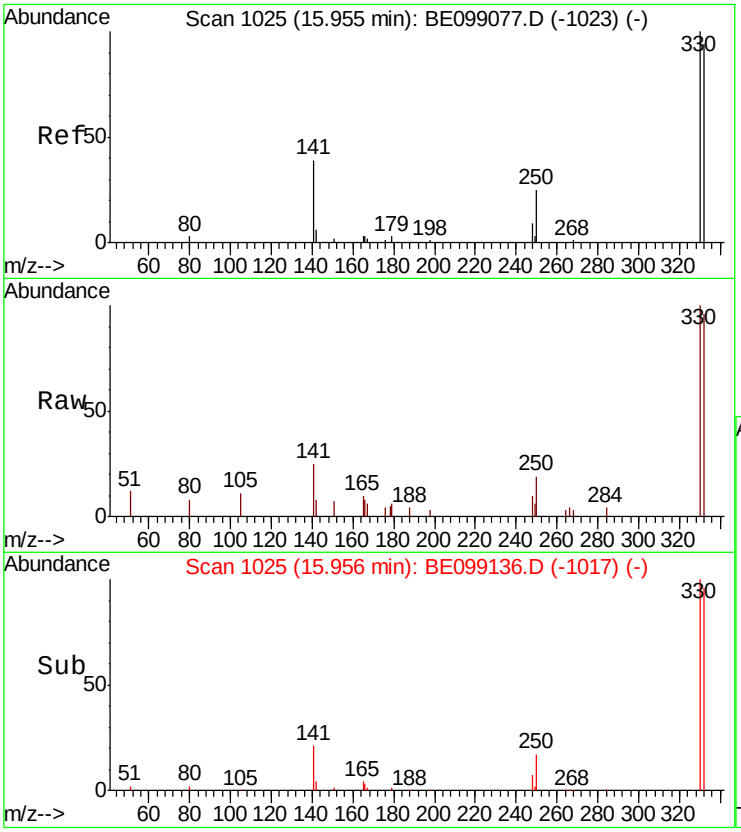


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:164 Resp: 9522

Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.2	120.2
160	43.1	37.8	56.8



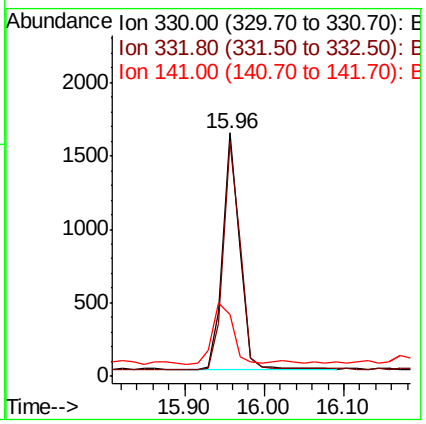


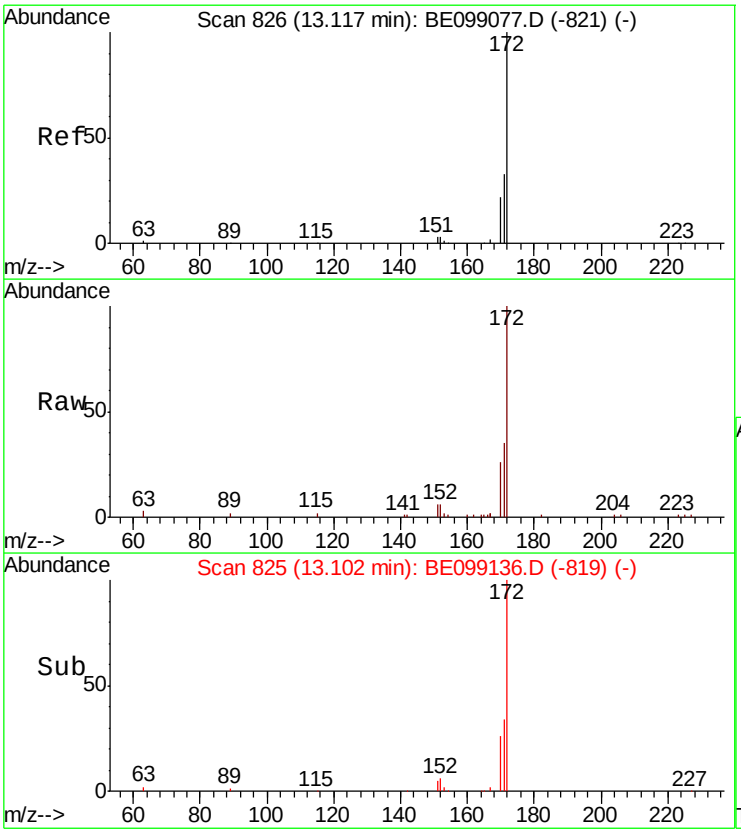
#14
2,4,6-Tribromophenol
Concen: 0.849 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:330 Resp: 2377

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	31.7	31.0	46.4

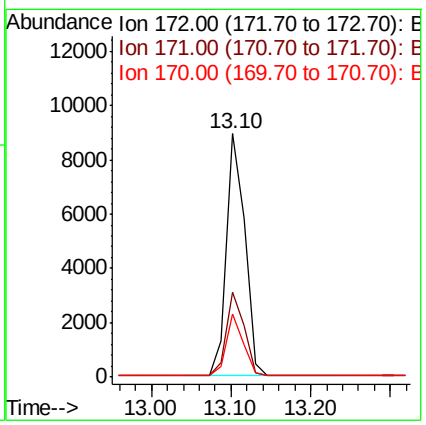


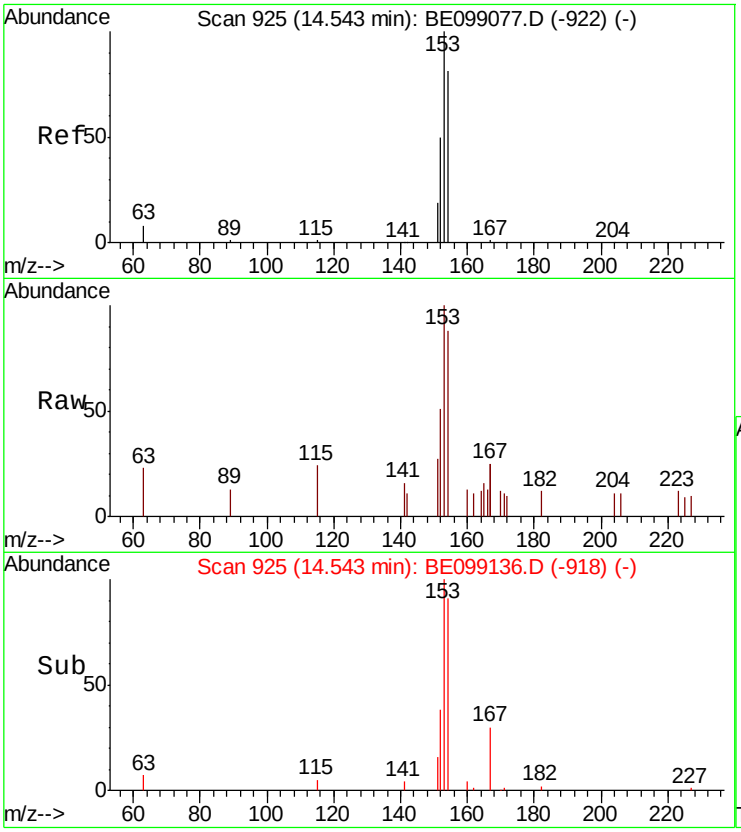


#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:172 Resp: 14275

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	26.2	17.7	26.5



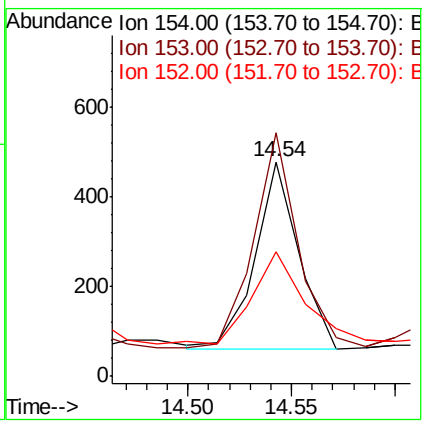


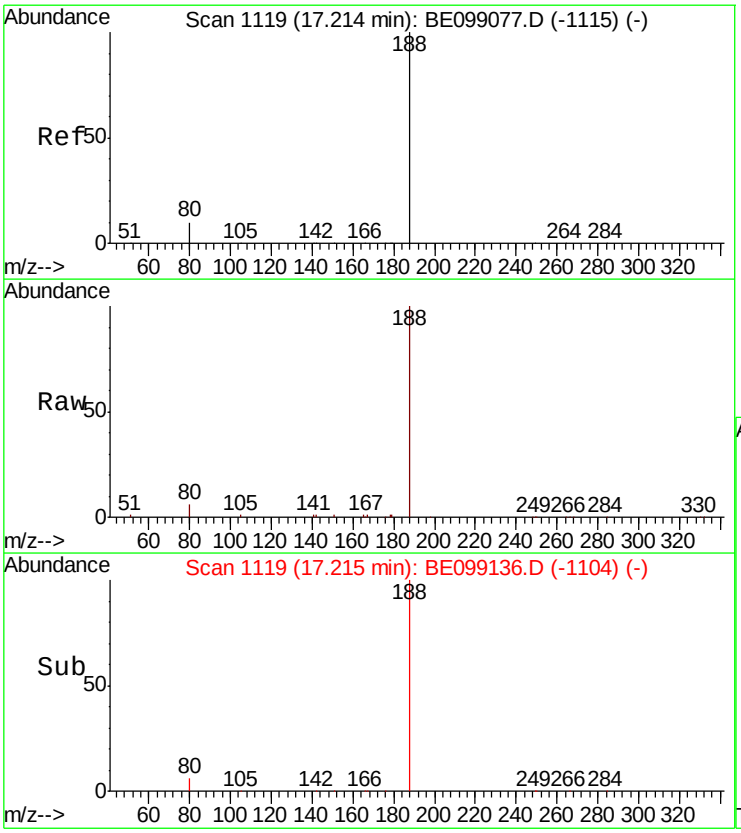
#17
Acenaphthene
Concen: 0.020 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:154 Resp: 608

Ion	Ratio	Lower	Upper
154	100		
153	117.1	94.2	141.4
152	59.9	45.0	67.4

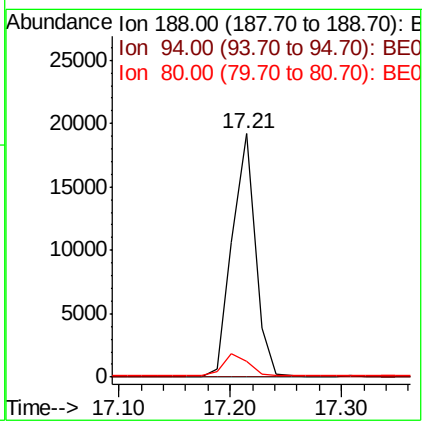


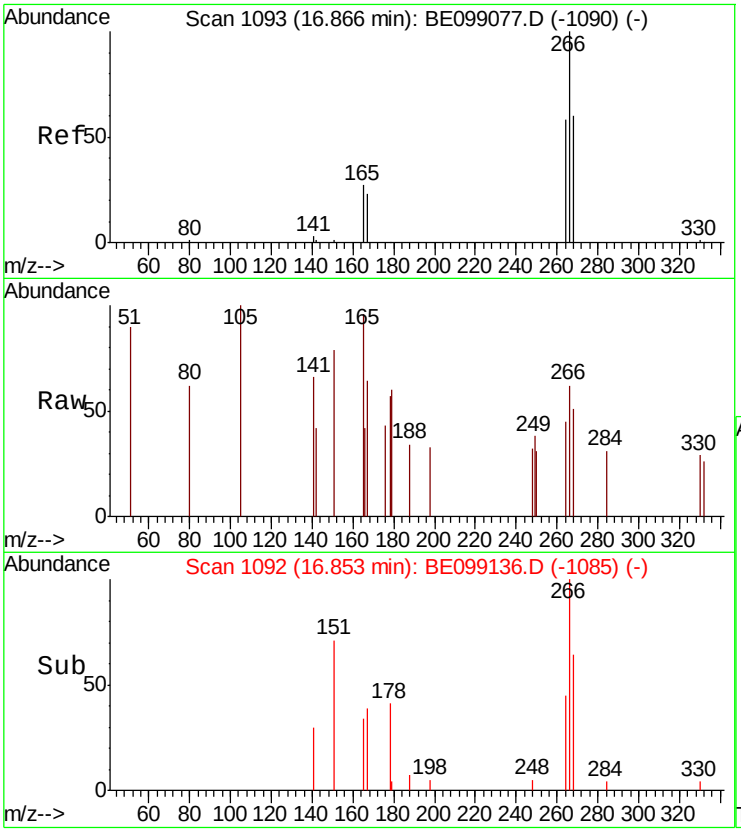


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:188 Resp: 27674

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



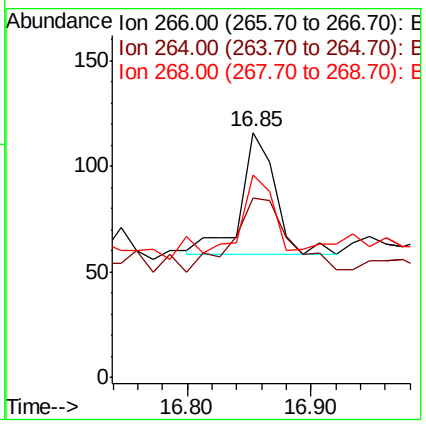


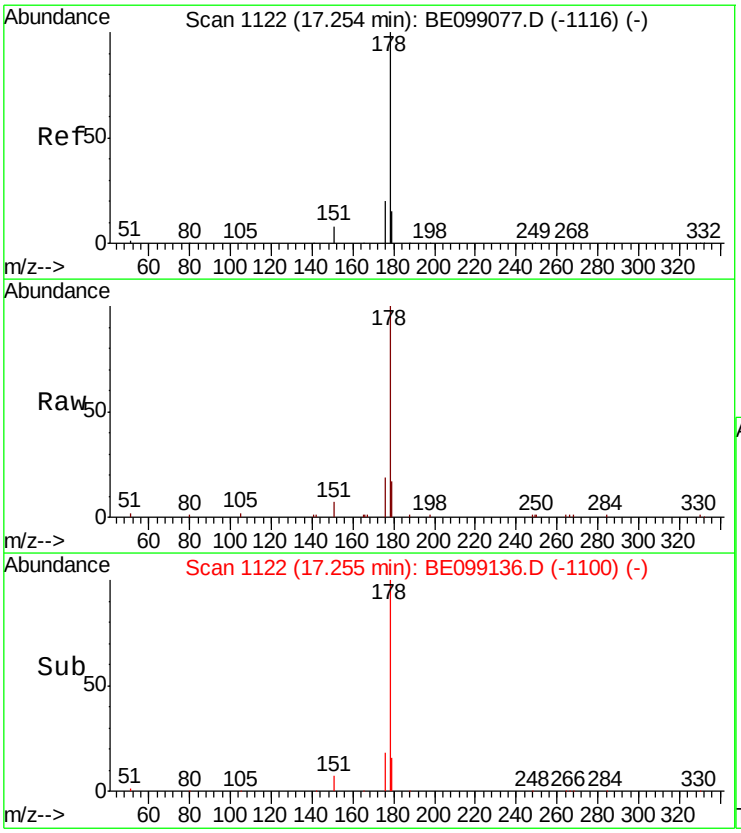
#22
Pentachlorophenol
Concen: 0.271 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:266 Resp: 113

Ion	Ratio	Lower	Upper
266	100		
264	73.3	66.6	100.0
268	82.8	69.8	104.8

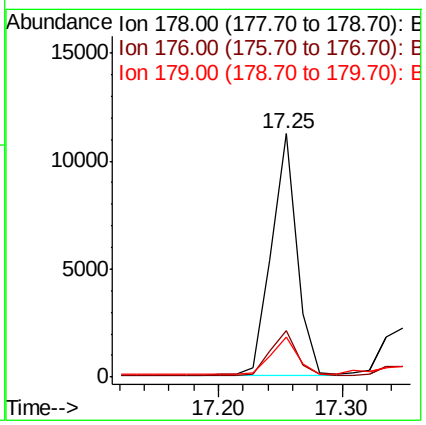


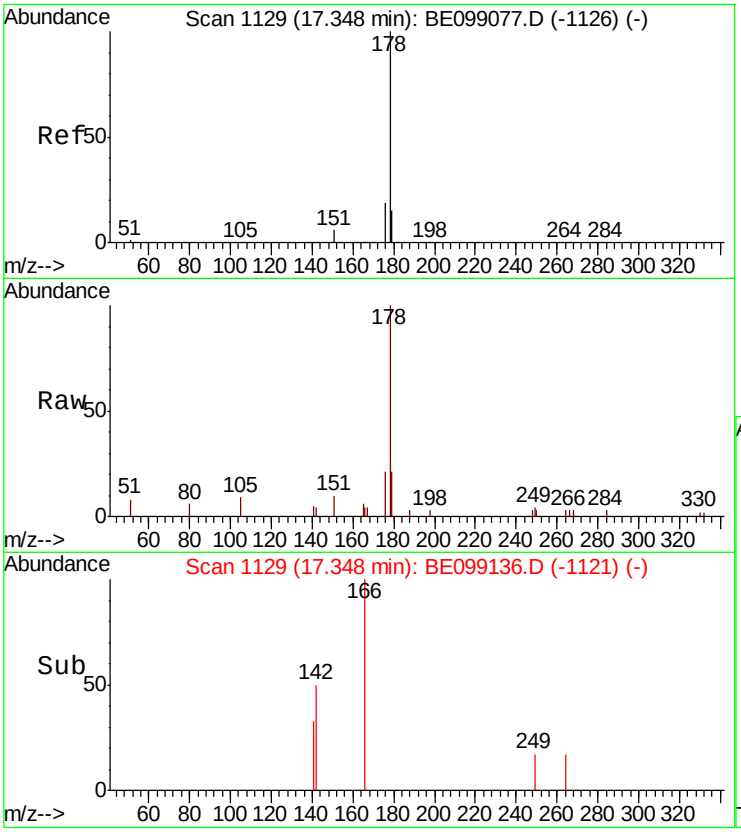


#23
Phenanthrene
Concen: 0.194 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:178 Resp: 15906

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.4	12.1	18.1



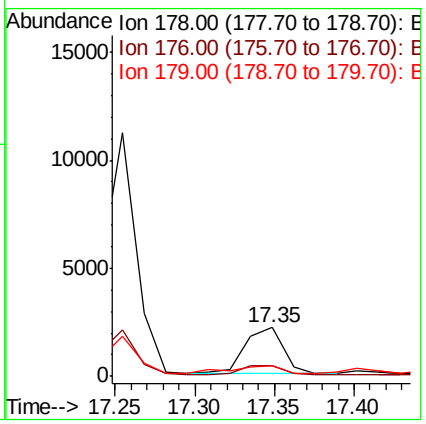


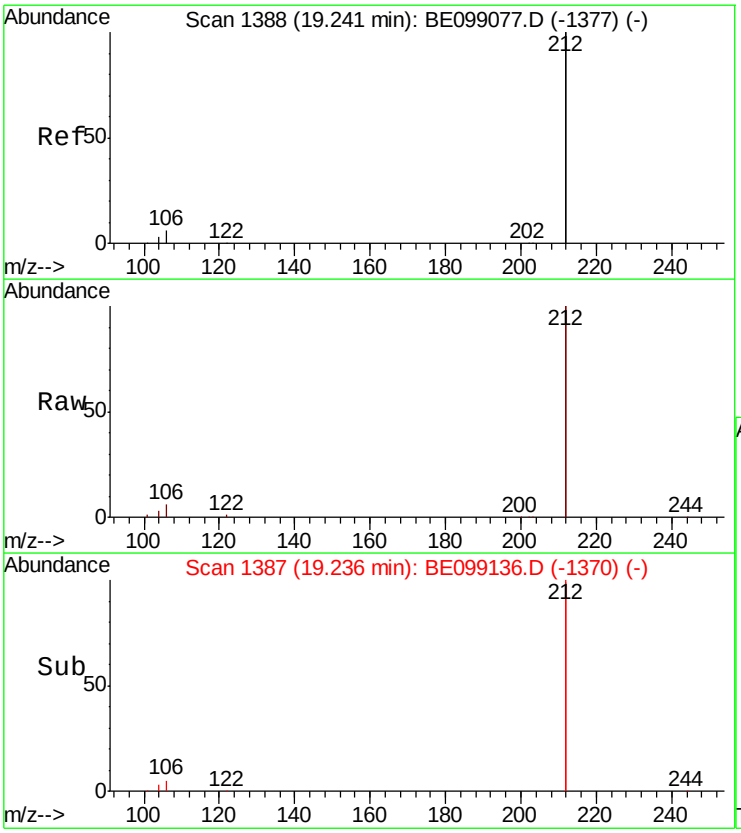
#24
Anthracene
Concen: 0.047 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:178 Resp: 3682

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	20.2	12.2	18.4#

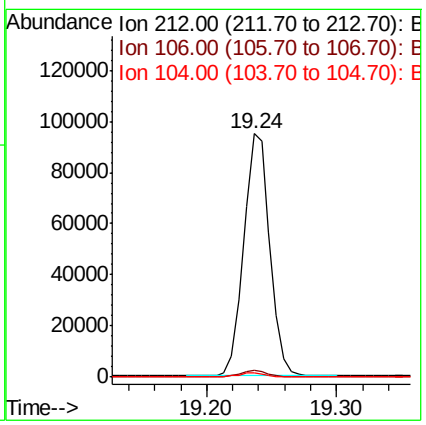


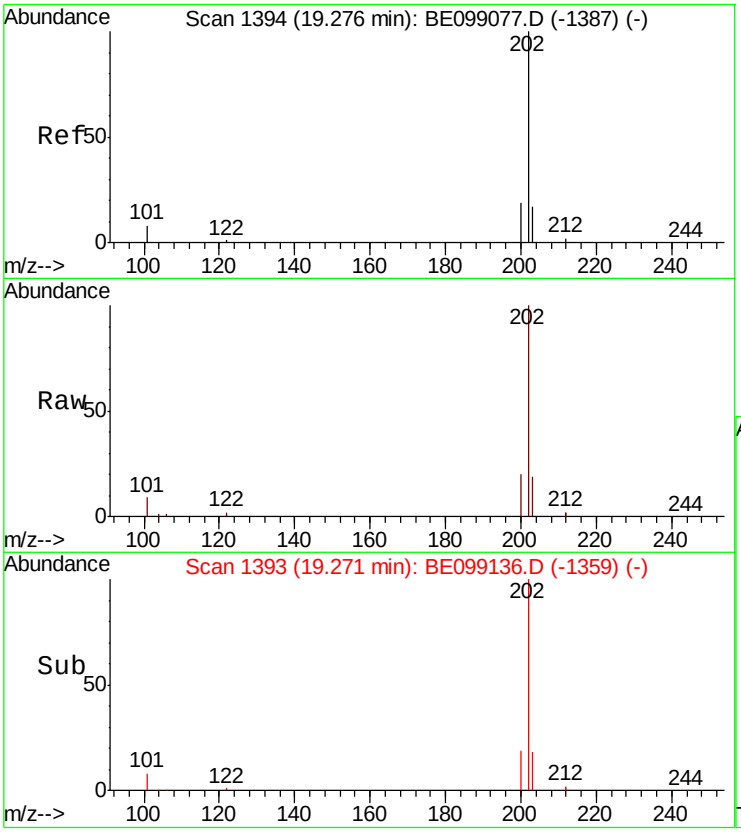


#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:212 Resp: 131421

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6



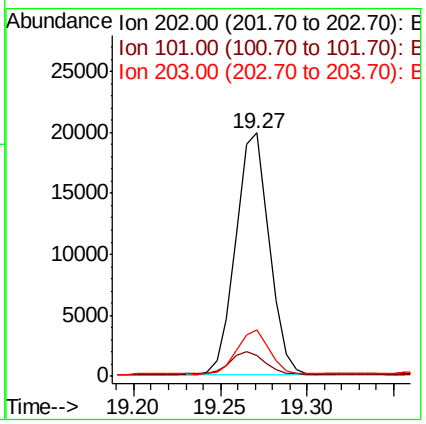


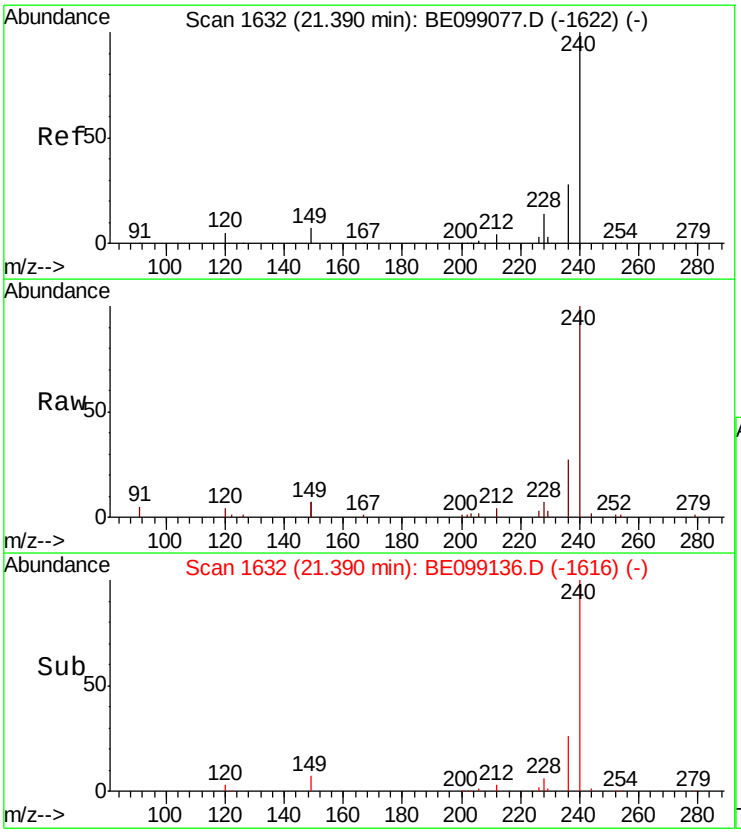
#26
Fluoranthene
Concen: 0.232 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:202 Resp: 26795

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.3	10.9
203	17.8	13.4	20.2

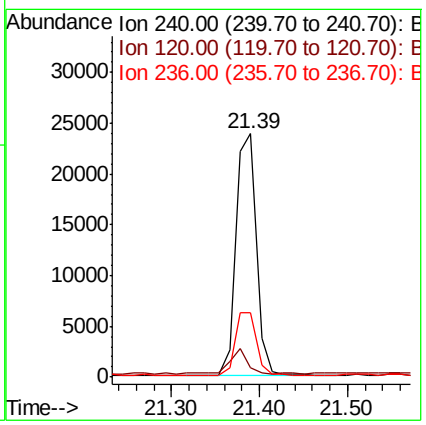


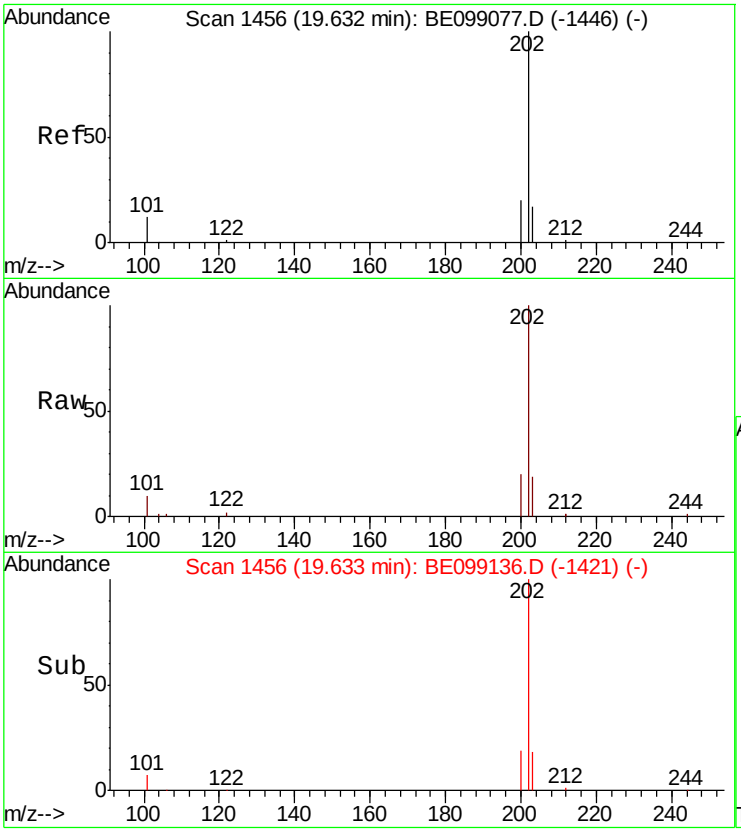


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:240 Resp: 38436

Ion	Ratio	Lower	Upper
240	100		
120	4.1	5.0	7.4#
236	26.7	22.7	34.1



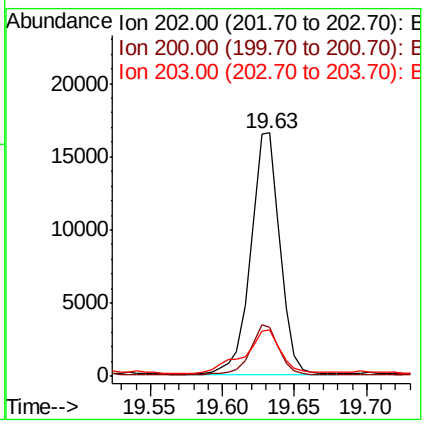


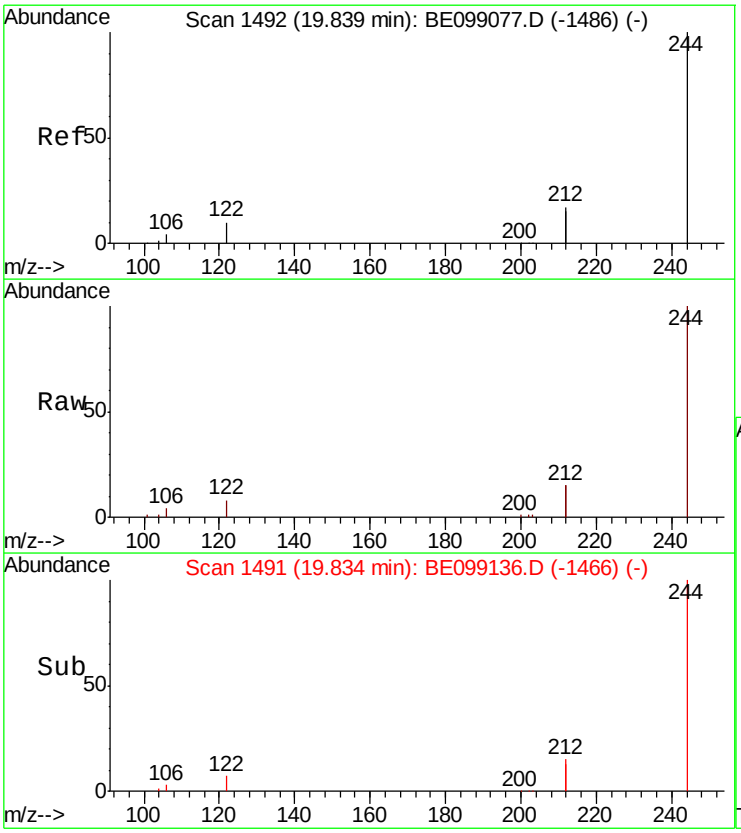
#28
Pyrene
Concen: 0.179 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:202 Resp: 23380

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	22.9	14.2	21.2#

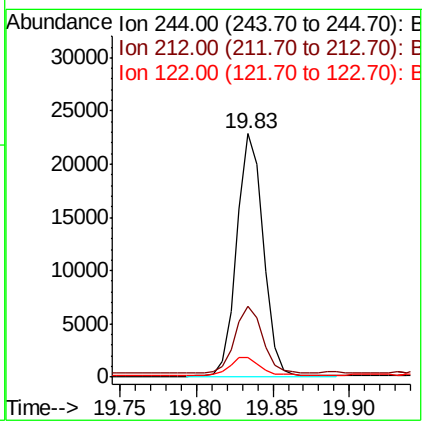


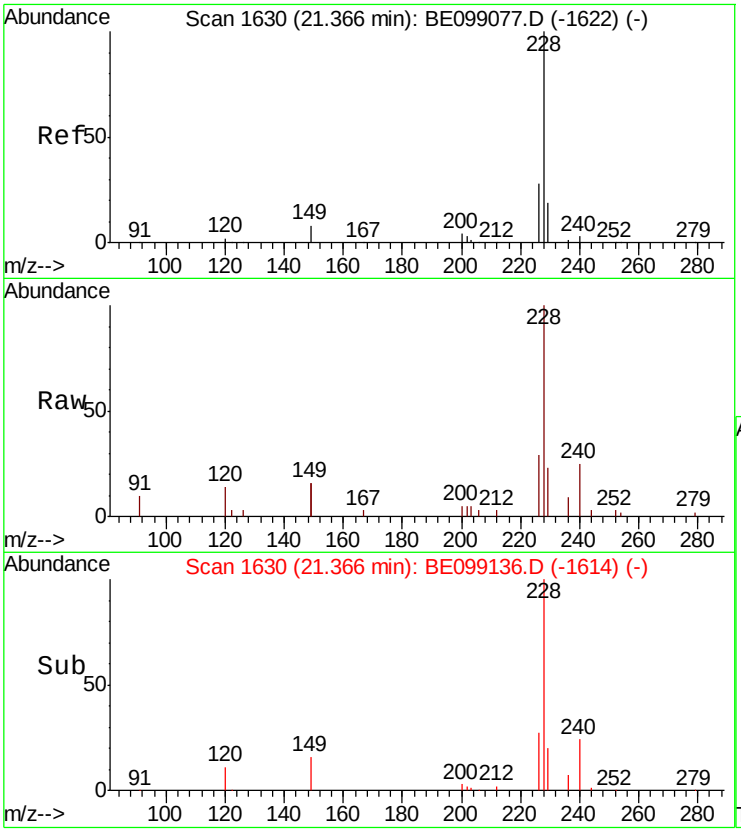


#29
Terphenyl-d14
Concen: 0.337 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:244 Resp: 27442

Ion	Ratio	Lower	Upper
244	100		
212	29.3	29.4	44.2#
122	8.3	7.1	10.7



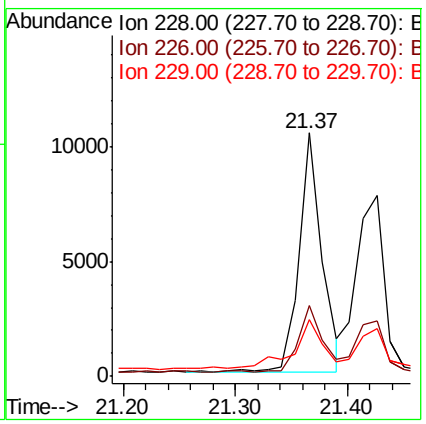


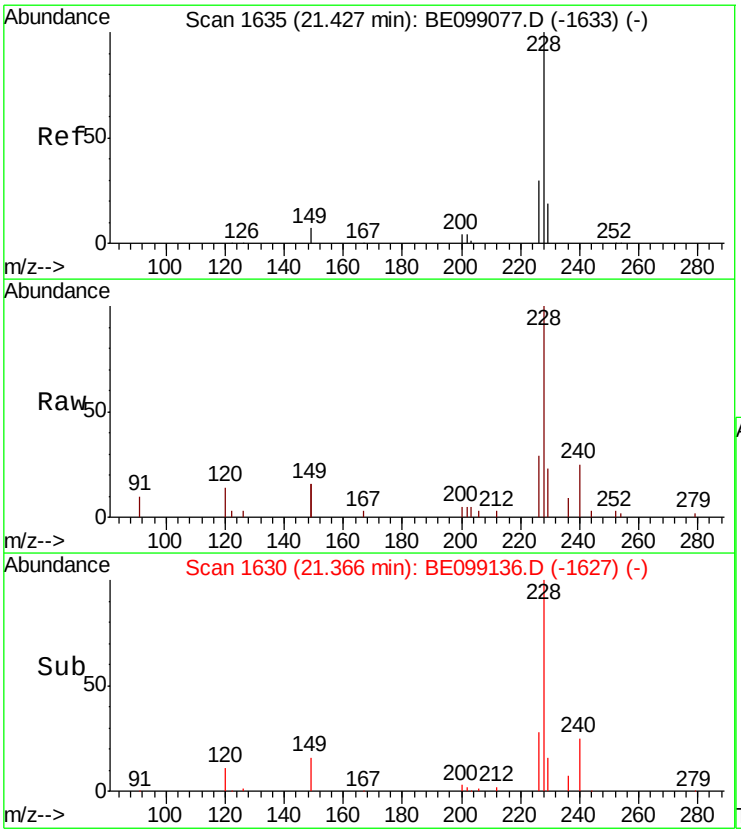
#30
Benzo(a)anthracene
Concen: 0.109 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:228 Resp: 14709

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	23.4	16.5	24.7

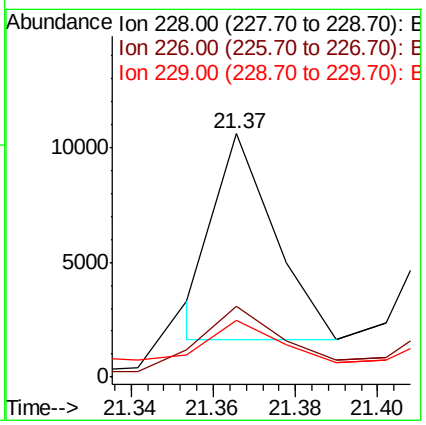


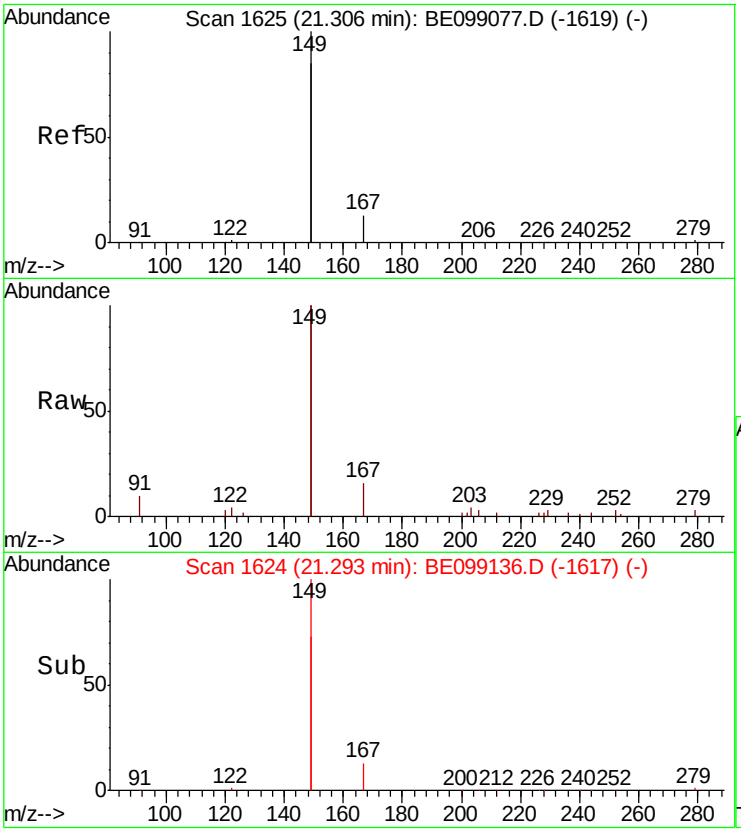


#31
Chrysene
Concen: 0.066 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.06 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:228 Resp: 8981

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	23.4	16.1	24.1



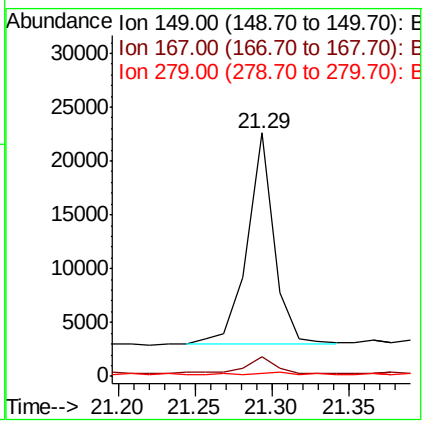


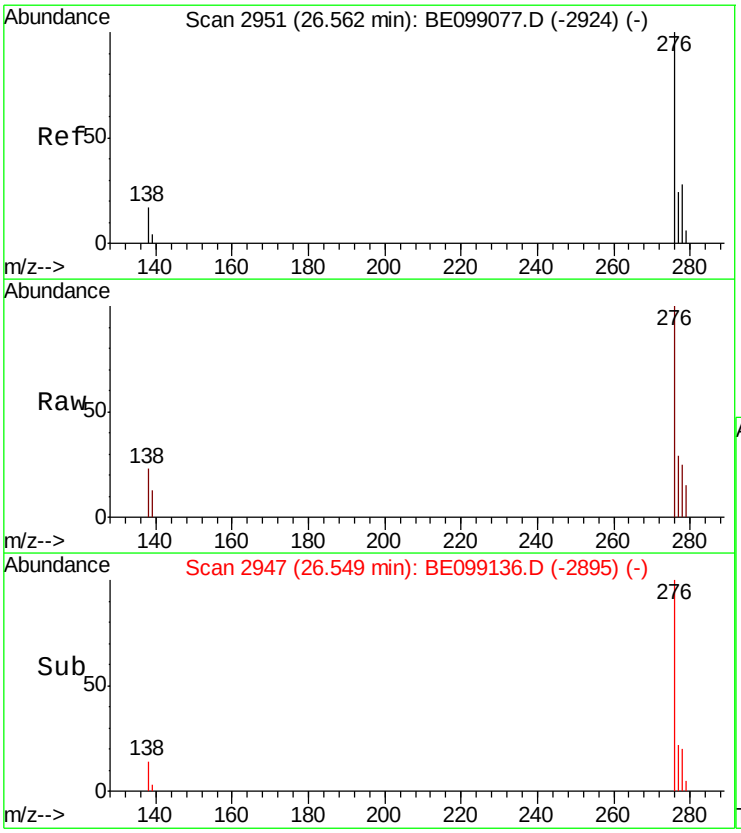
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:149 Resp: 23756

Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.4	8.0
279	1.4	1.0	1.4#

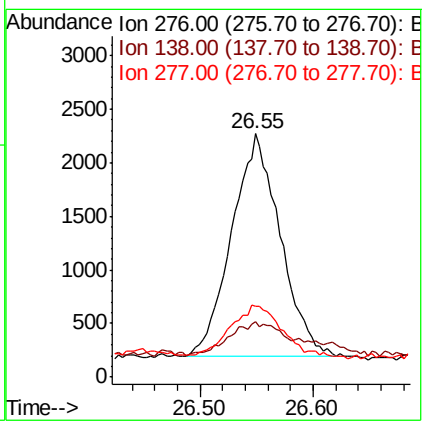


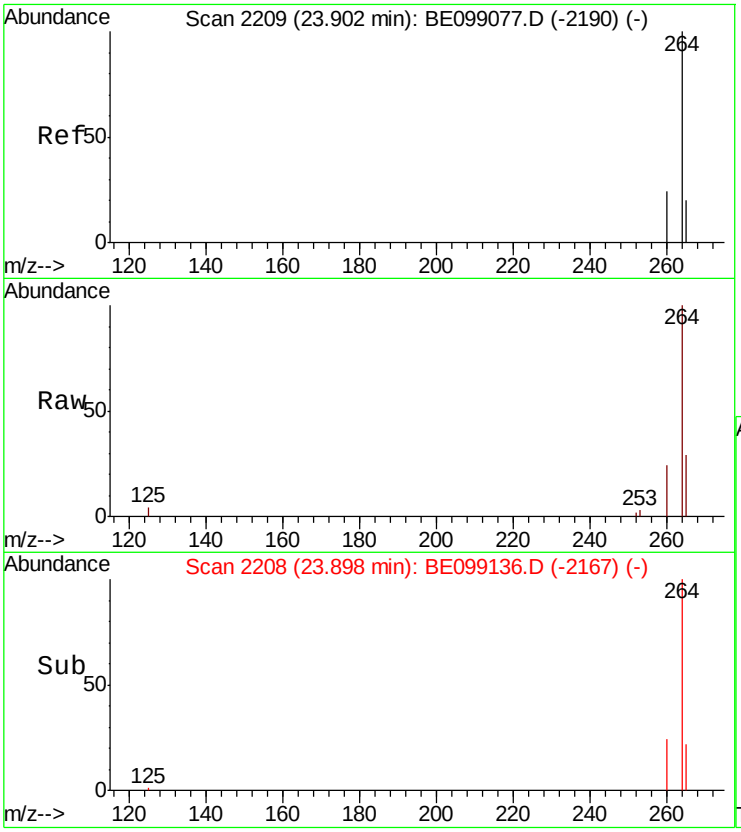


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:276 Resp: 6206

Ion	Ratio	Lower	Upper
276	100		
138	20.3	13.8	20.8
277	27.1	19.5	29.3



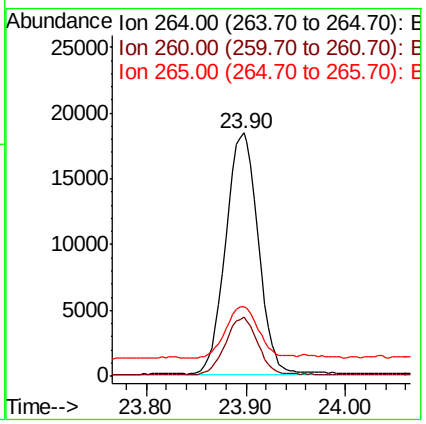


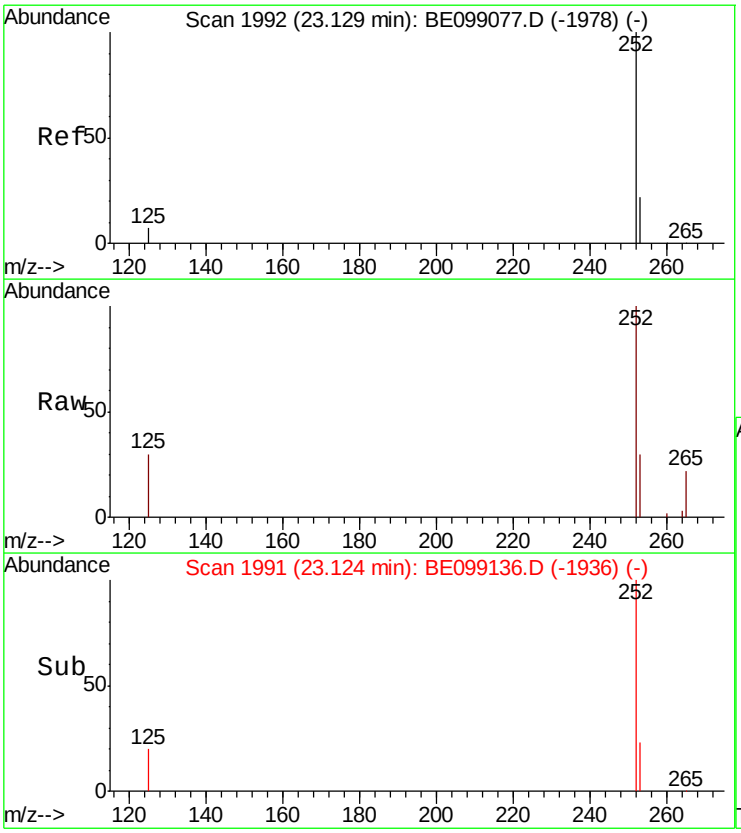
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:264 Resp: 41634

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.2	31.8
265	28.8	24.6	36.8

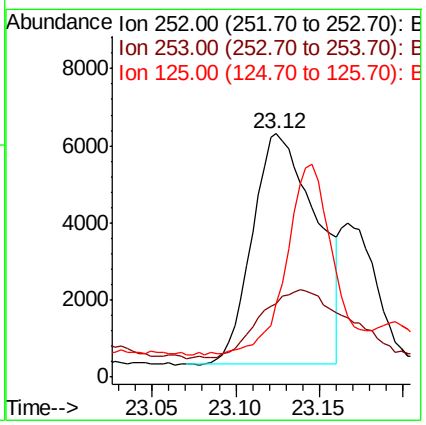


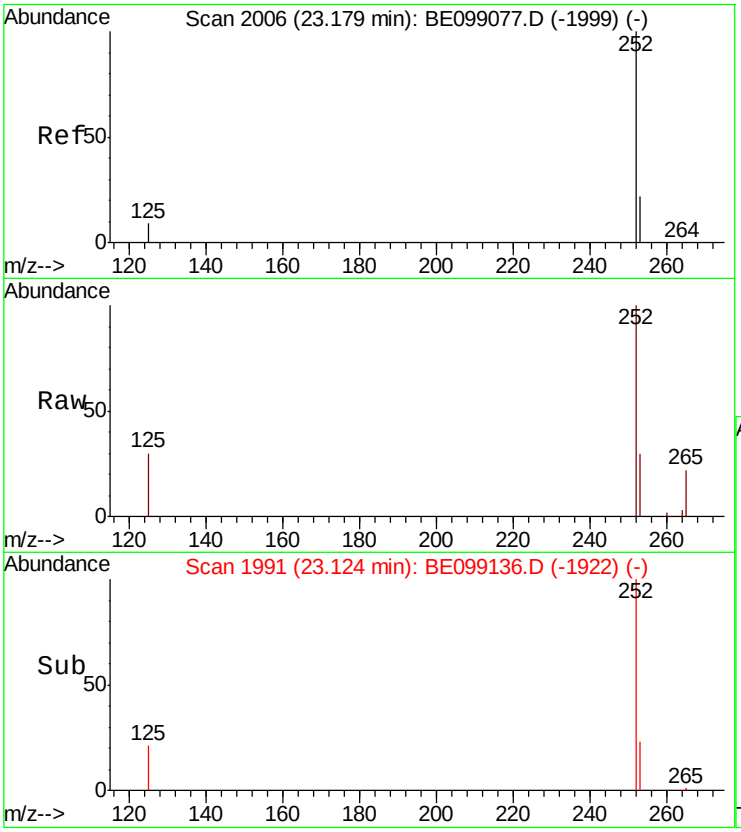


#35
Benzo(b)fluoranthene
Concen: 0.111 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:252 Resp: 15973

Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.2	27.2#
125	30.1	7.3	10.9#



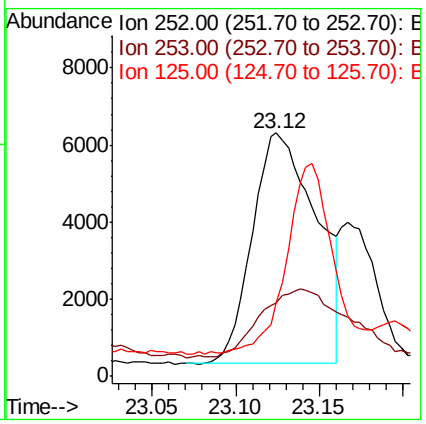


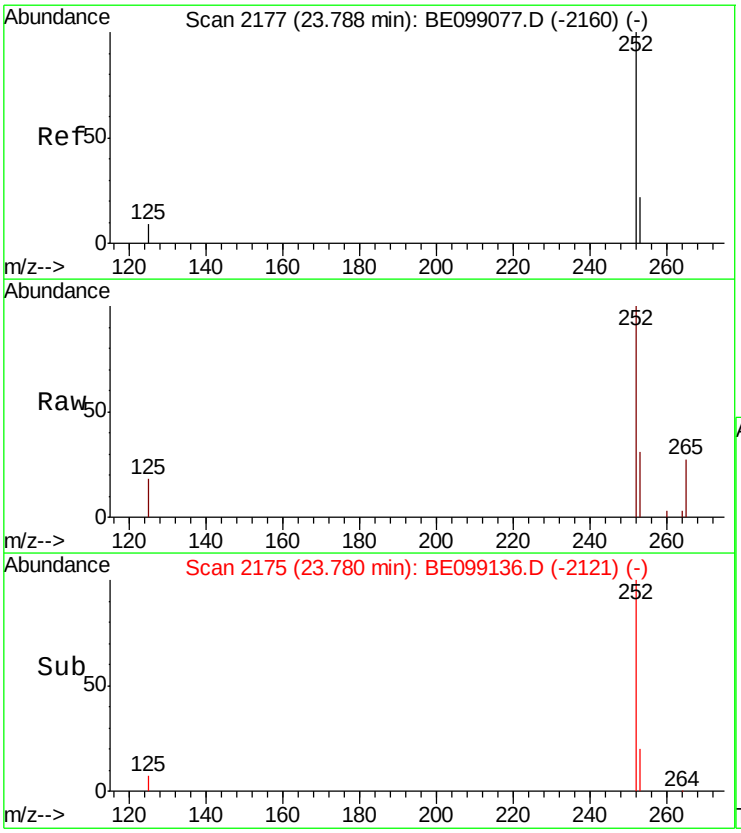
#36
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:252 Resp: 15973

Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.3	28.9#
125	30.1	7.5	11.3#

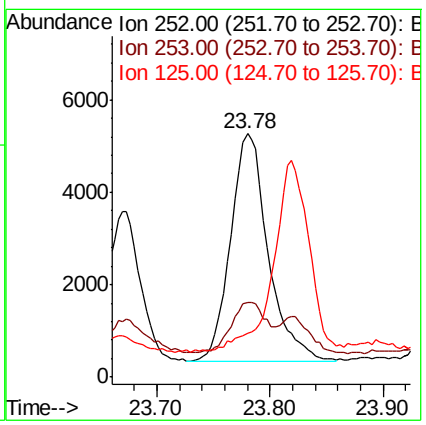


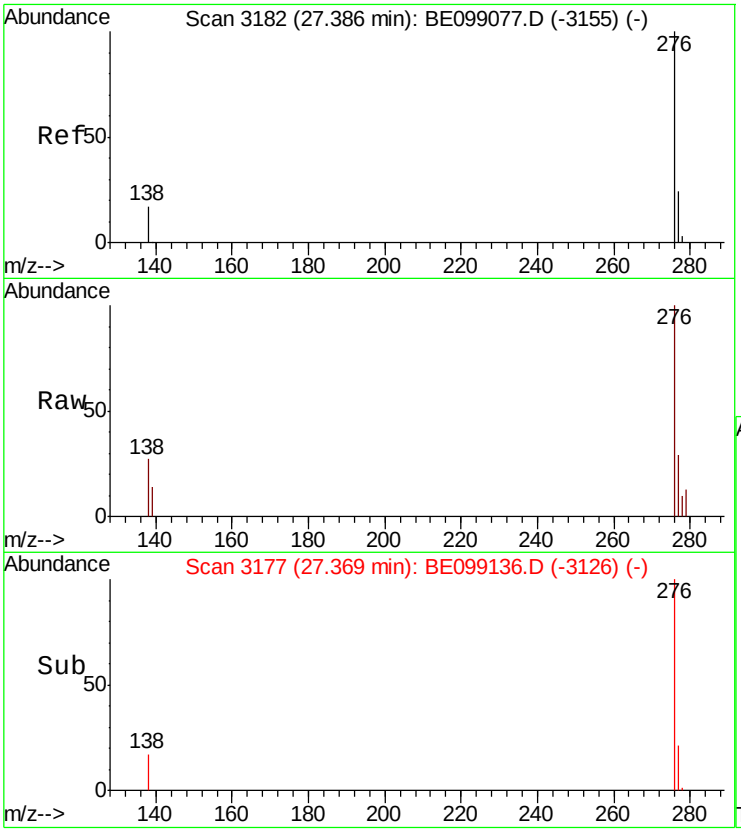


#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion:252 Resp: 11419

Ion	Ratio	Lower	Upper
252	100		
253	30.7	19.9	29.9#
125	18.1	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tgt Ion:276 Resp: 5870

Ion	Ratio	Lower	Upper
276	100		
277	29.1	20.4	30.6
138	26.7	13.6	20.4#