Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099129.D
Acq On : 24 Mar 2019 2:30
Operator : JU/SJ
Sample : K1948-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-B020-031319

Quant Time: Mar 24 03:43:01 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 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	4038	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	15716	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	10665	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	32131	0.40	ng		0.00
27) Chrysene-d12	21.38	240	42690	0.40	ng		-0.01
34) Perylene-d12	23.89	264	45910	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4913	0.41	ng		0.00
5) Phenol-d6	6.99	99	7138	0.41	ng		0.00
8) Nitrobenzene-d5	8.99	82	5225	0.76	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	11210	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	2405	0.77	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	15827	0.37	ng		-0.01
25) Fluoranthene-d10	19.24	212	171164	0.40	ng		0.00
29) Terphenyl-d14	19.83	244	29216	0.32	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	101	0.031	ng	#	1
16) Acenaphthylene	14.20	152	2161	0.038	ng	#	94
22) Pentachlorophenol	16.87	266	39	0.257	ng	#	88
23) Phenanthrene	17.25	178	18490	0.194	ng		98
24) Anthracene	17.35	178	2086	0.023	ng	#	94
26) Fluoranthene	19.27	202	51246	0.382	ng		98
28) Pyrene	19.63	202	52661	0.364	ng		95
30) Benzo(a)anthracene	21.37	228	27722	0.184	ng		96
31) Chrysene	21.41	228	31155	0.207	ng		94
32) Bis(2-ethylhexyl)phthalate	21.29	149	46742	0.239	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	18709	0.116	ng		98
35) Benzo(b)fluoranthene	23.12	252	39509	0.249	ng	#	93
36) Benzo(k)fluoranthene	23.12	252	39534	0.254	ng	#	96
37) Benzo(a)pyrene	23.78	252	26047	0.177	ng		97
38) Dibenzo(a,h)anthracene	26.57	278	4659	0.033	ng	#	62
39) Benzo(g,h,i)perylene	27.37	276	19321	0.132	ng		98

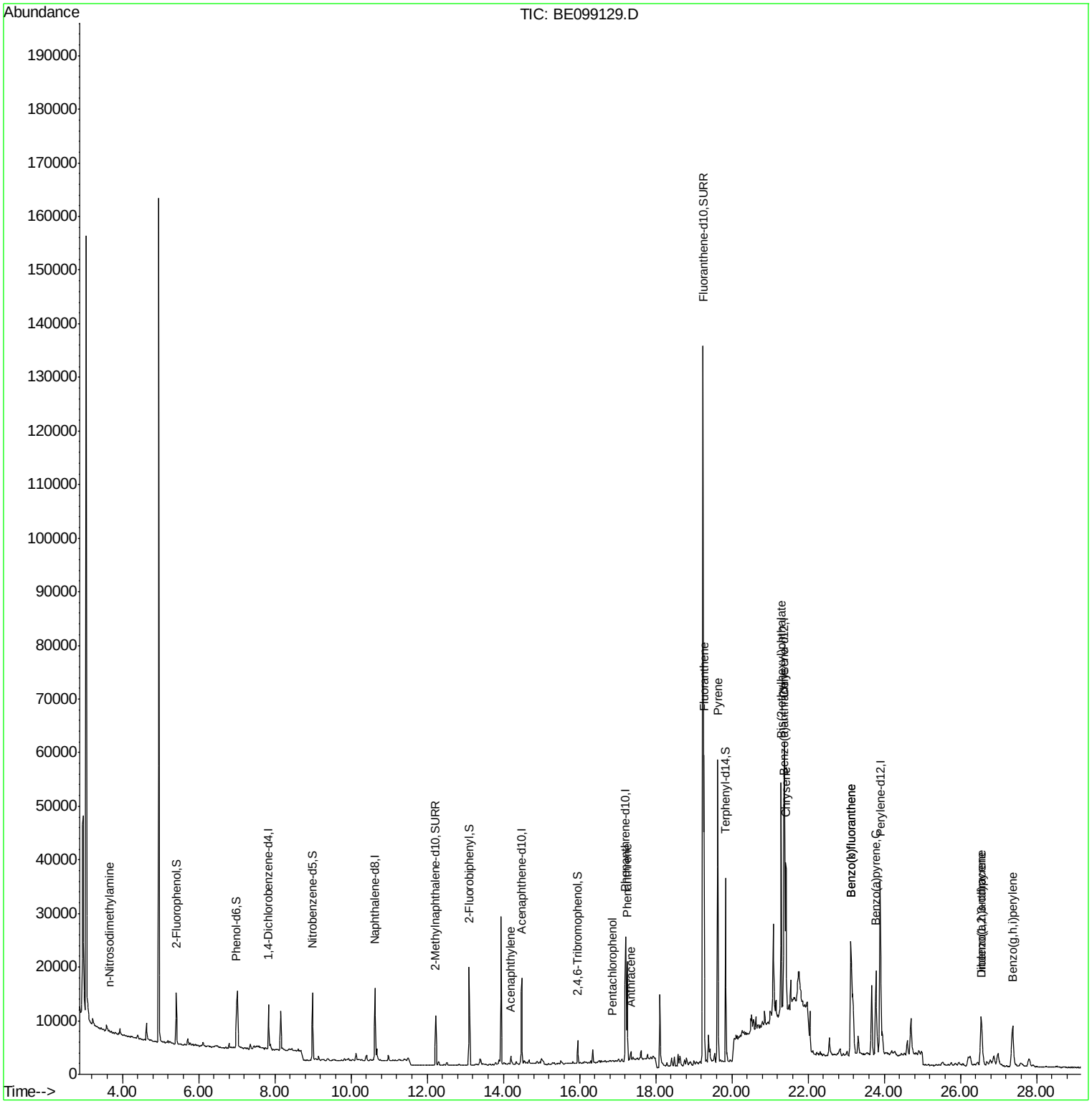
(#) = qualifier out of range (m) = manual integration (+) = signals summed

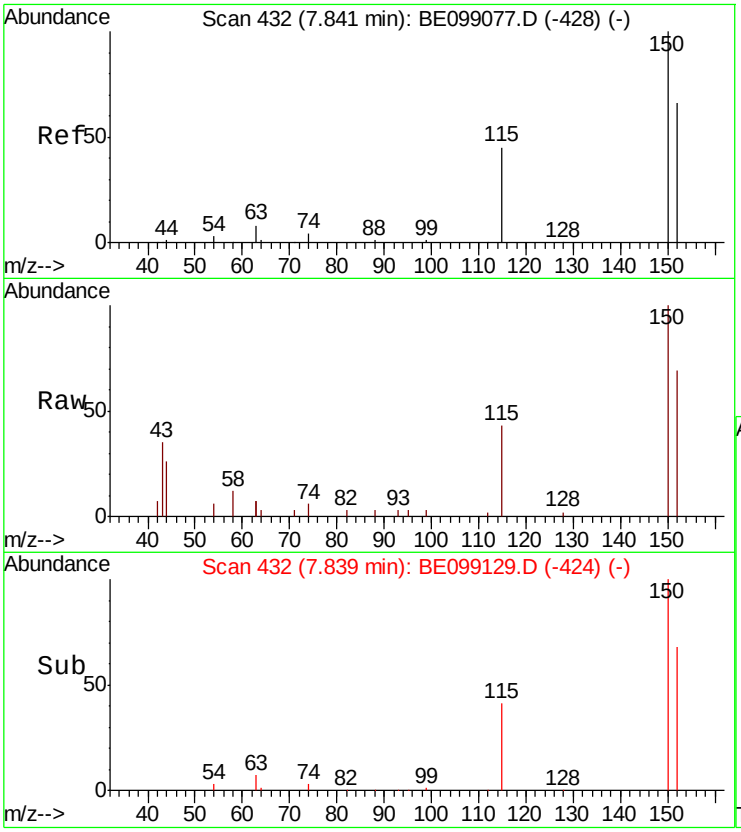
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099129.D
Acq On : 24 Mar 2019 2:30
Operator : JU/SJ
Sample : K1948-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Quant Time: Mar 24 03:43:01 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 04:40:11 2019
Response via : Initial Calibration



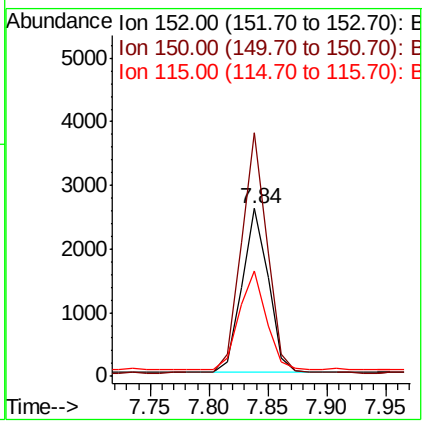


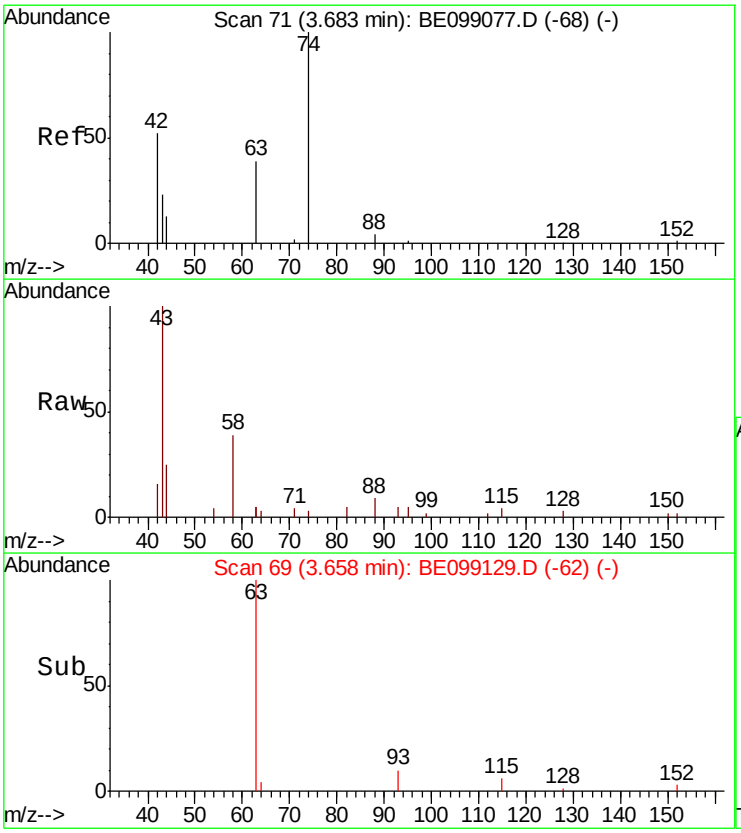
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:152 Resp: 4038

Ion	Ratio	Lower	Upper
152	100		
150	145.0	122.5	183.7
115	62.4	57.4	86.2

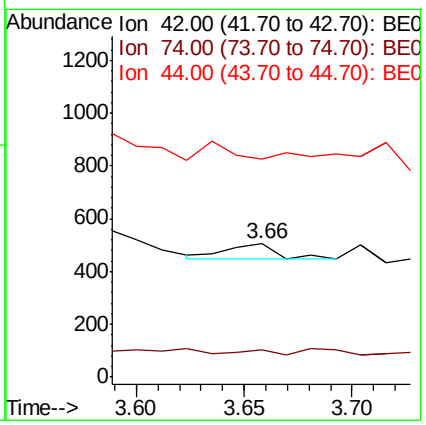


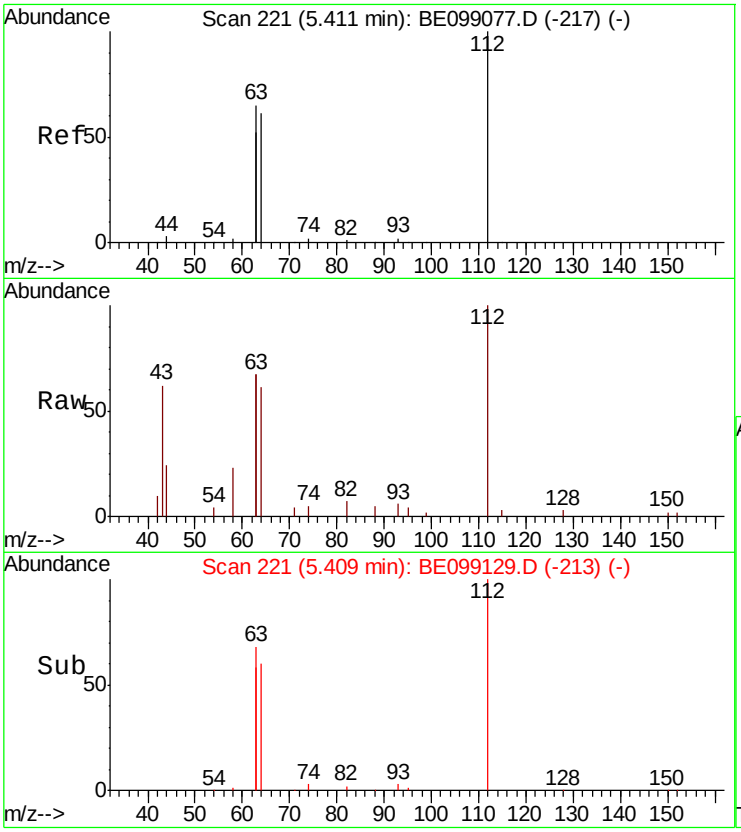


#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.03 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion: 42 Resp: 101

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



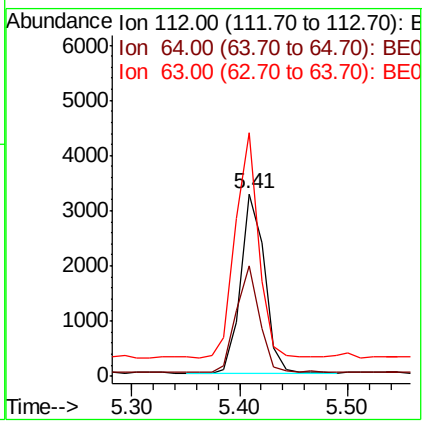


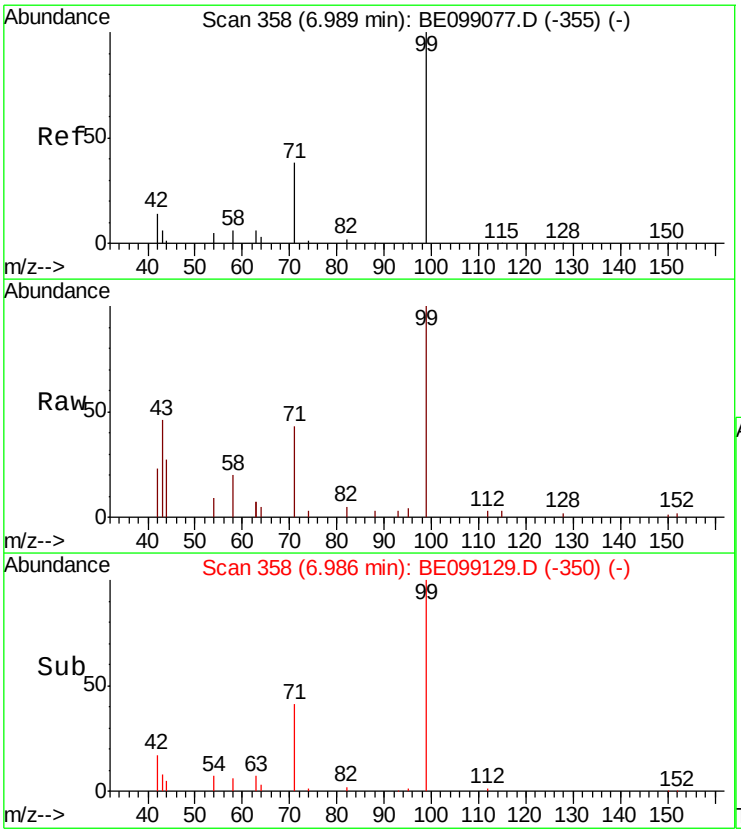
#4
2-Fluorophenol
Concen: 0.409 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:112 Resp: 4913

Ion	Ratio	Lower	Upper
112	100		
64	57.9	57.9	86.9
63	123.8	158.3	237.5#

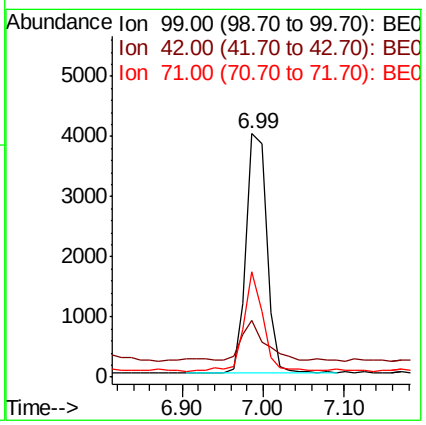


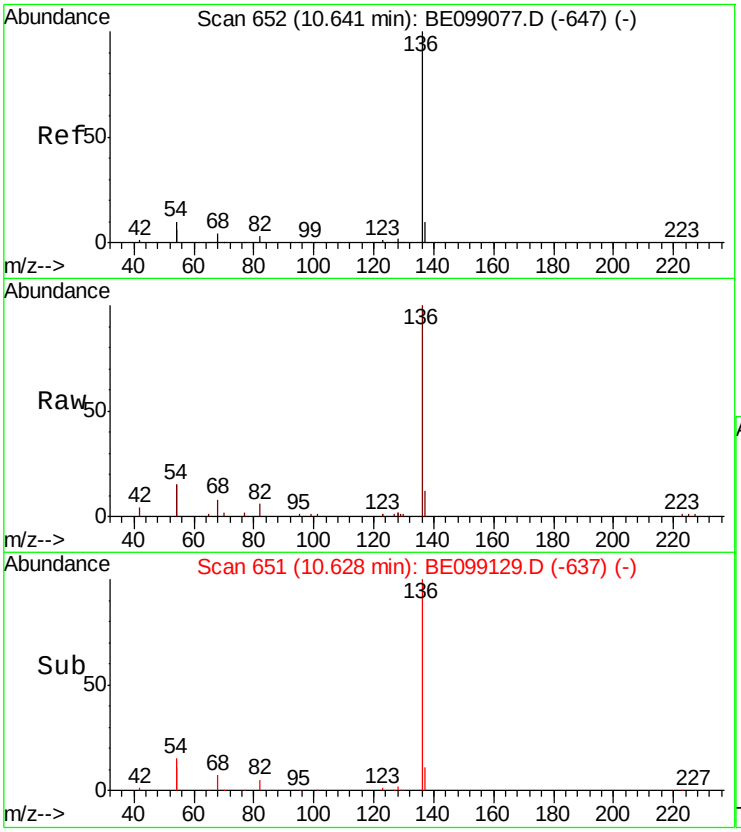


#5
Phenol-d6
Concen: 0.412 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion: 99 Resp: 7138

Ion	Ratio	Lower	Upper
99	100		
42	18.6	24.2	36.2#
71	37.2	35.7	53.5



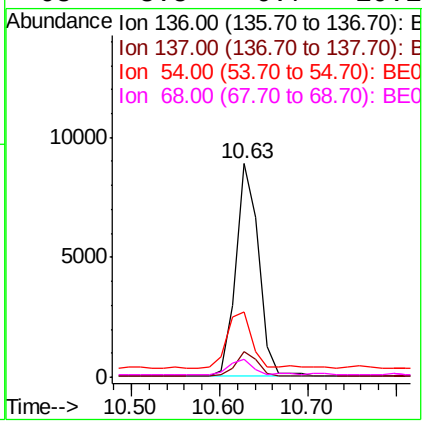


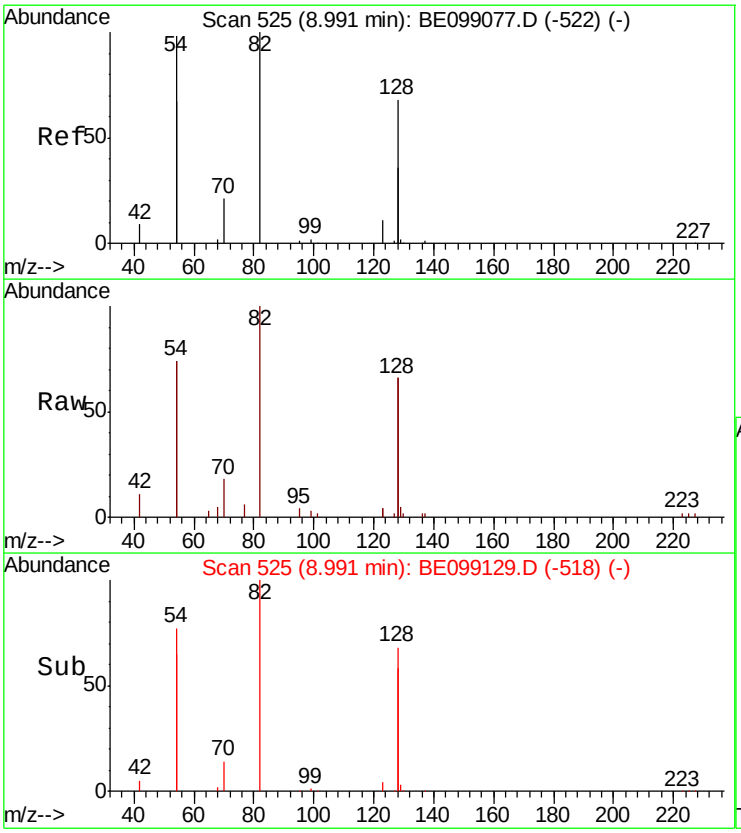
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:136 Resp: 15716

Ion	Ratio	Lower	Upper
136	100		
137	11.8	11.4	17.0
54	30.7	39.3	58.9#
68	8.5	6.7	10.1

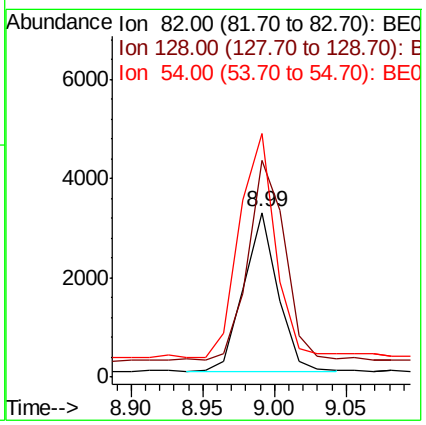


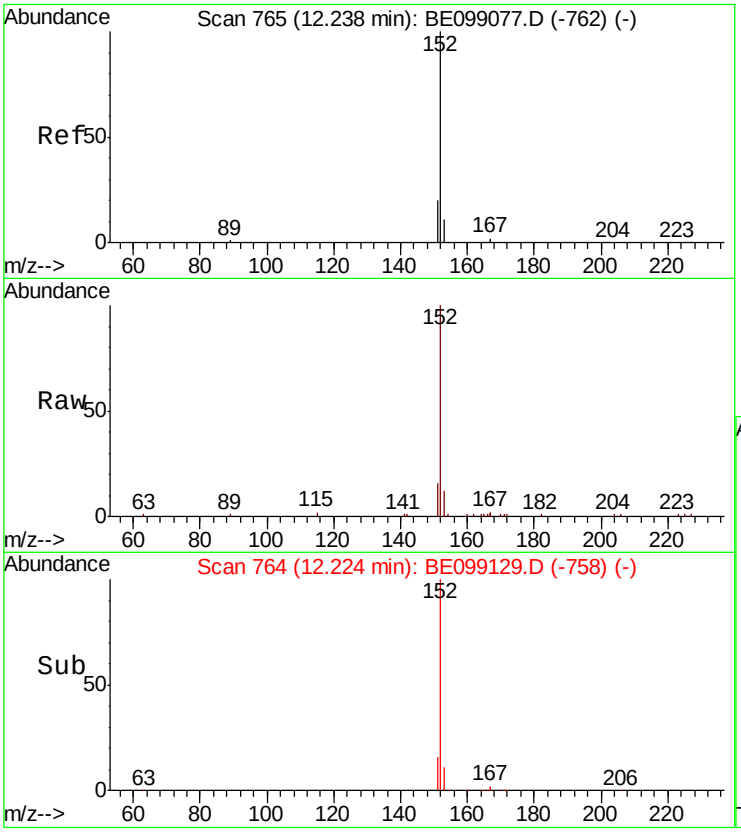


#8
Nitrobenzene-d5
Concen: 0.760 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion: 82 Resp: 5225

Ion	Ratio	Lower	Upper
82	100		
128	131.7	123.8	185.8
54	147.9	203.4	305.2#



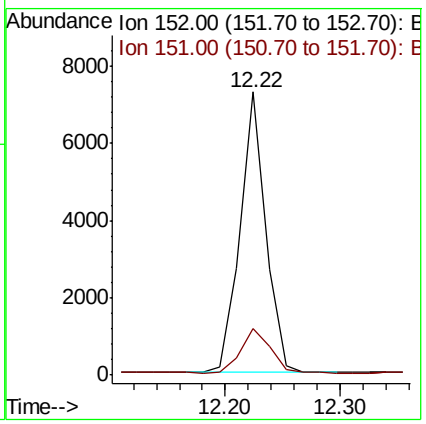


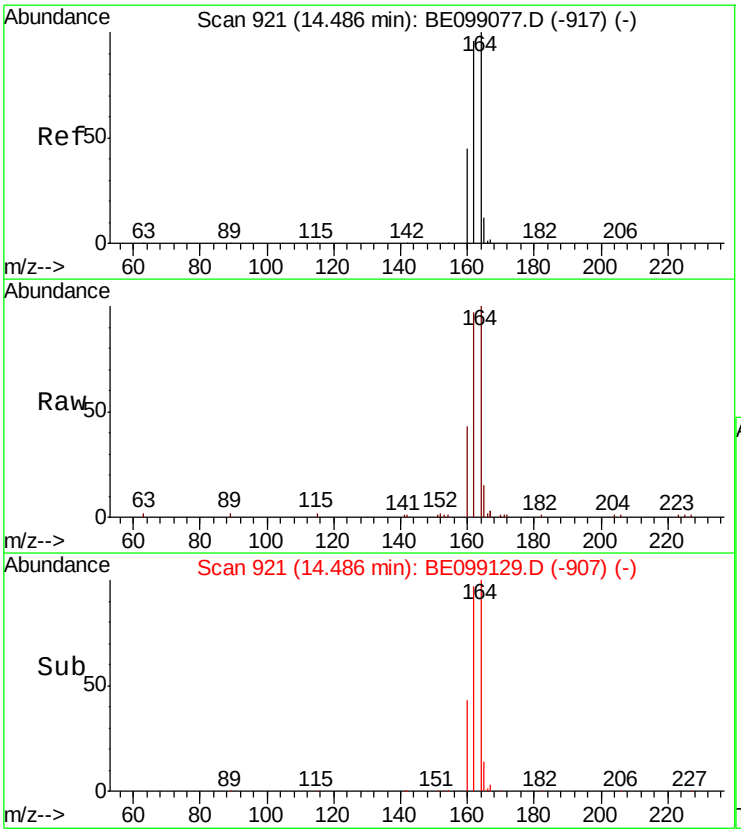
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:152 Resp: 11210

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.5	24.7

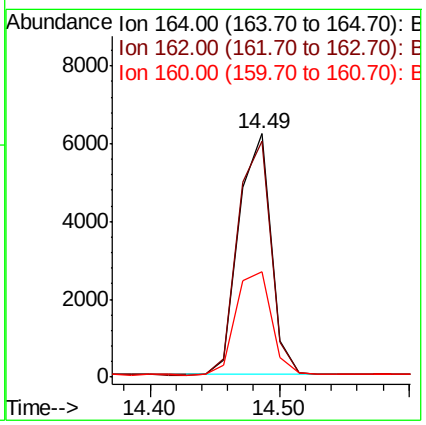


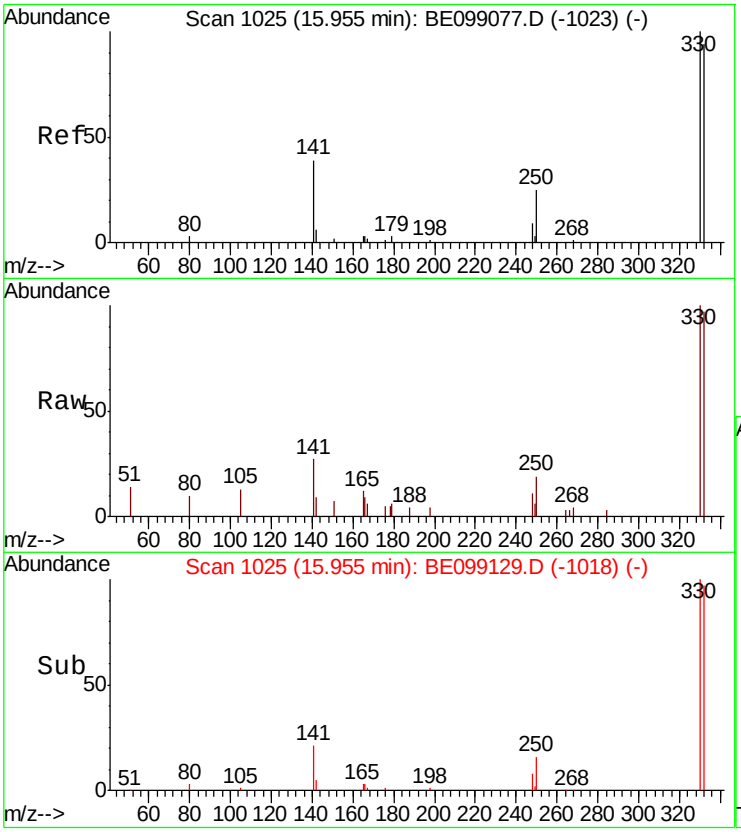


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:164 Resp: 10665

Ion	Ratio	Lower	Upper
164	100		
162	96.7	80.2	120.2
160	43.5	37.8	56.8



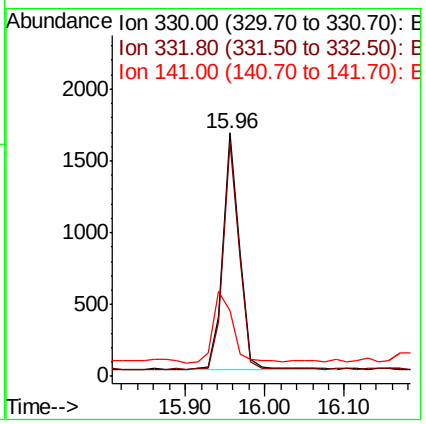


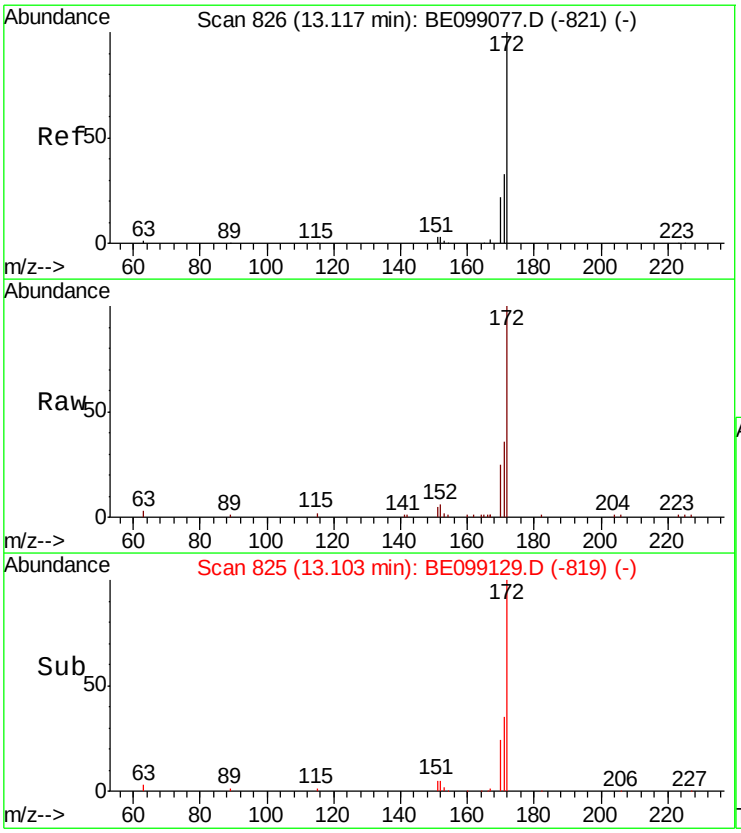
#14
2,4,6-Tribromophenol
Concen: 0.767 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:330 Resp: 2405

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.6	116.4
141	36.4	31.0	46.4

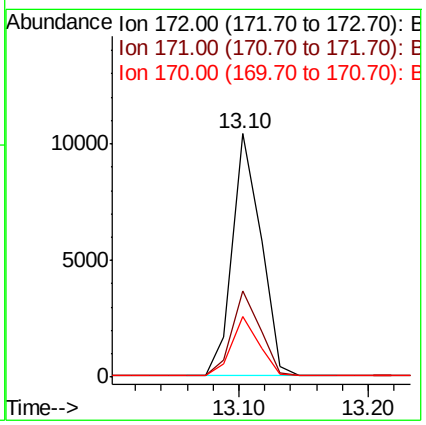


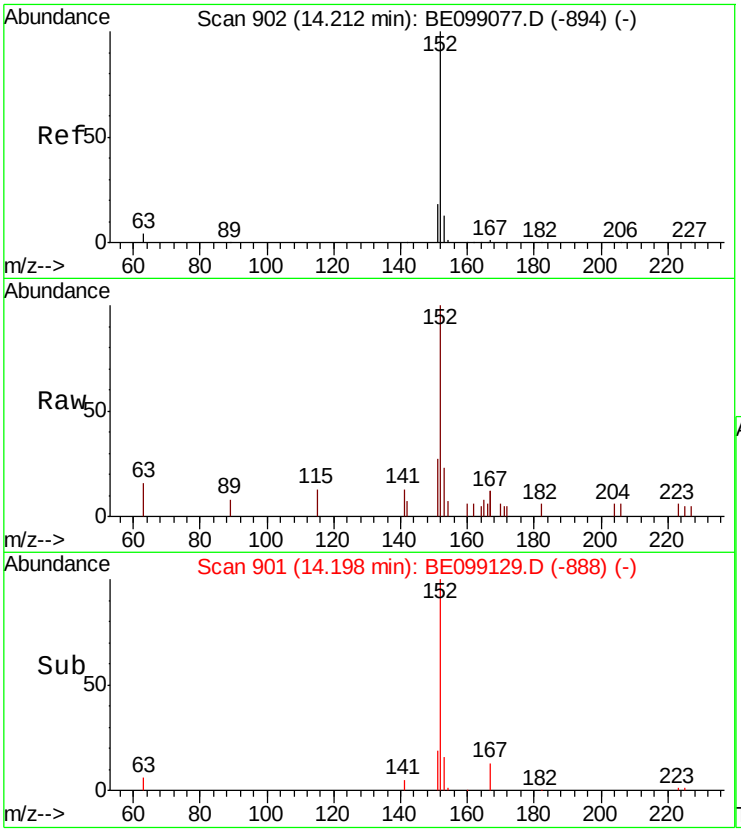


#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:172 Resp: 15827

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	24.8	17.7	26.5



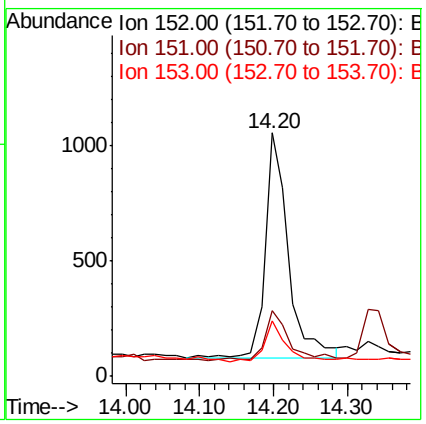


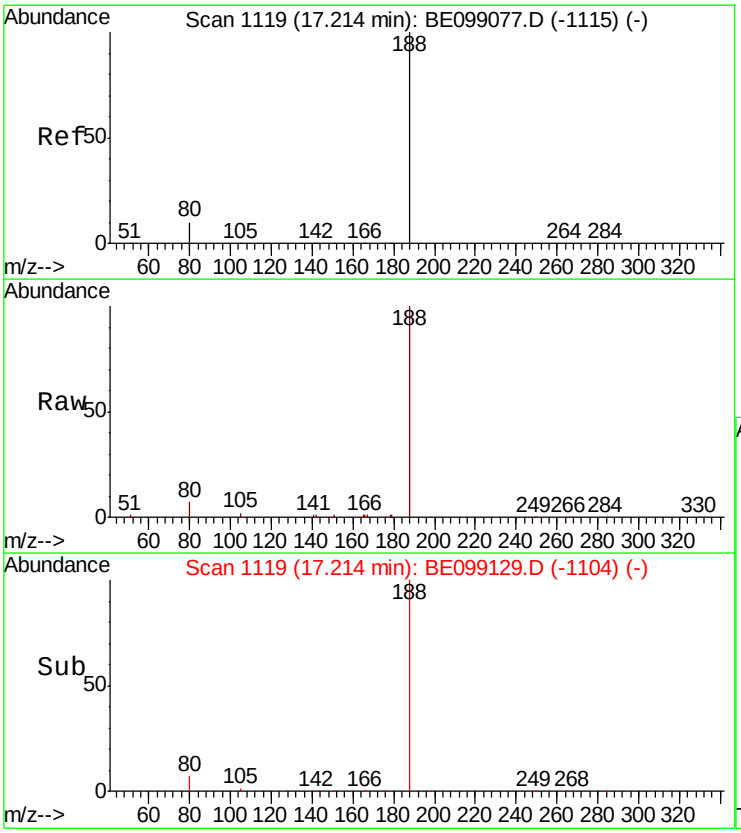
#16
Acenaphthylene
Concen: 0.038 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:152 Resp: 2161

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.0	25.6
153	17.6	11.2	16.8#

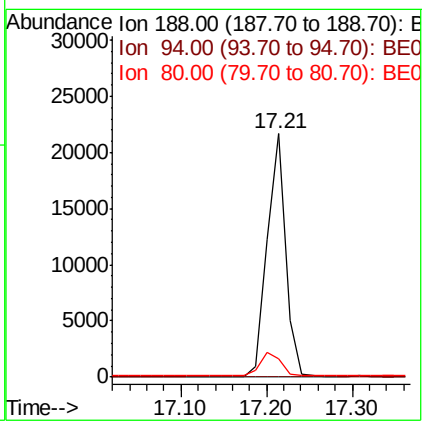


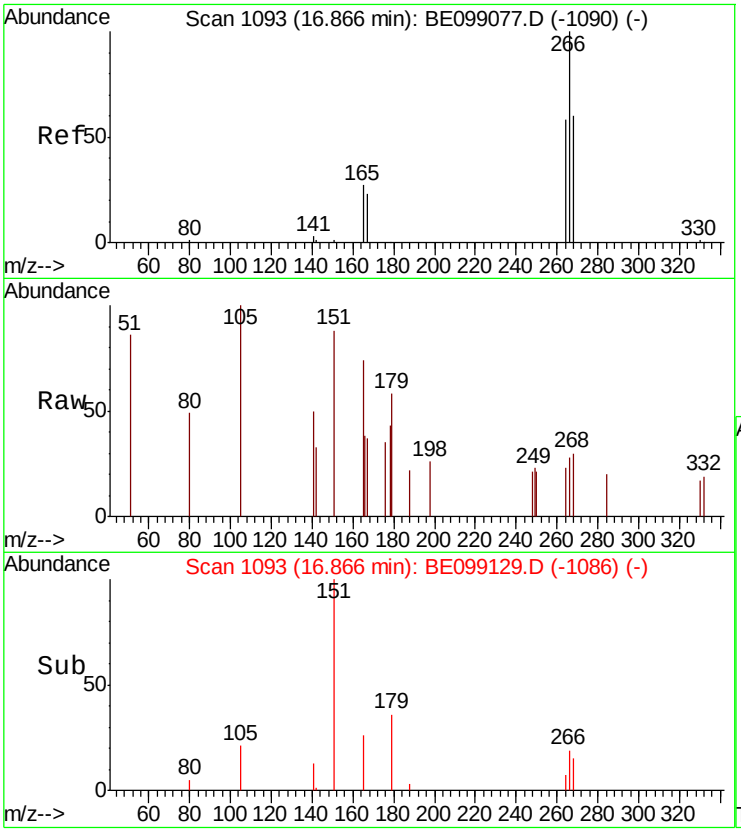


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:188 Resp: 32131

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.3	9.5



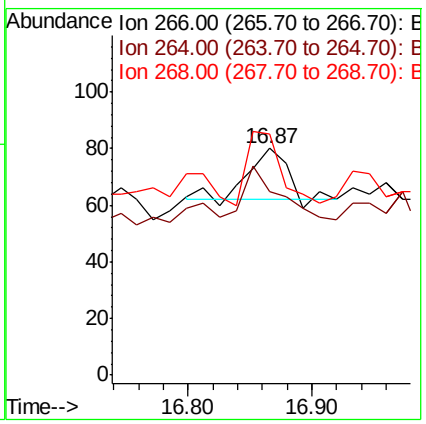


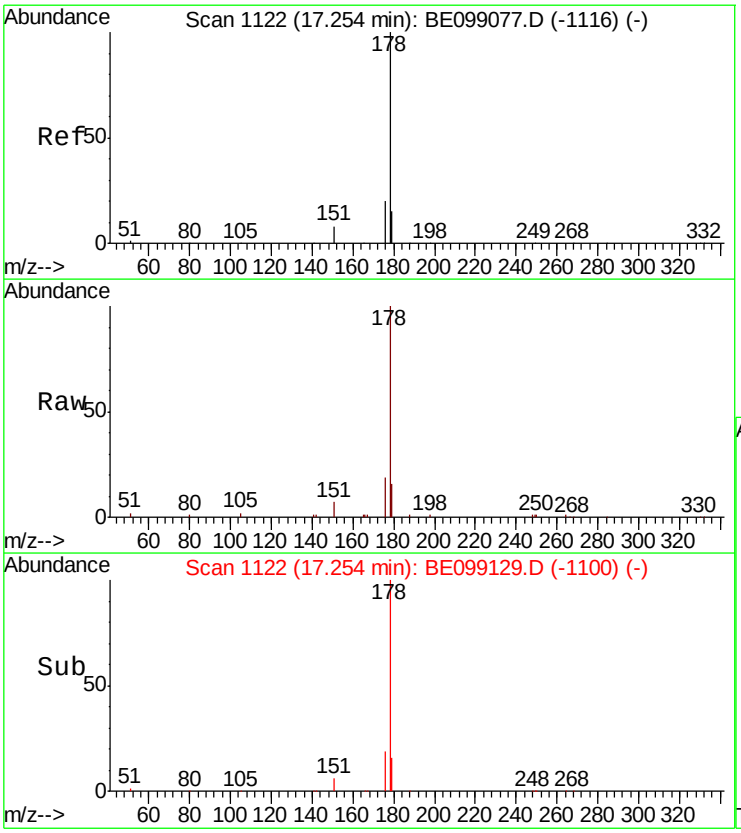
#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	81.3	66.6	100.0
268	106.3	69.8	104.8#

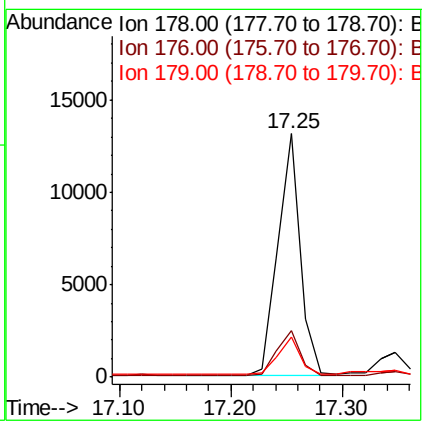


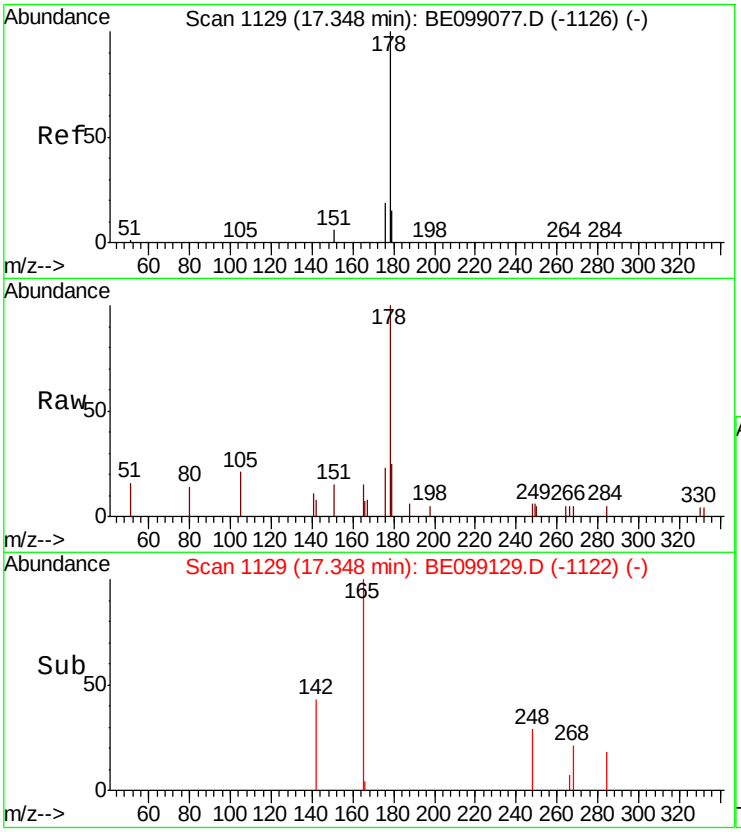


#23
Phenanthrene
Concen: 0.194 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:178 Resp: 18490

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.3	12.1	18.1



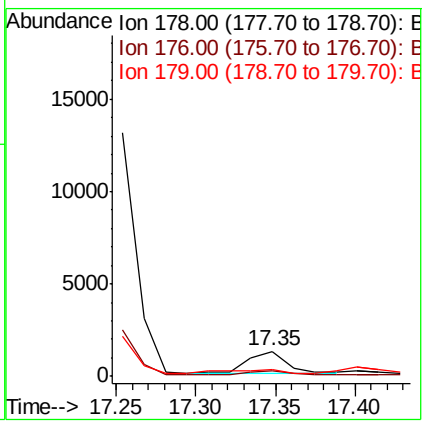


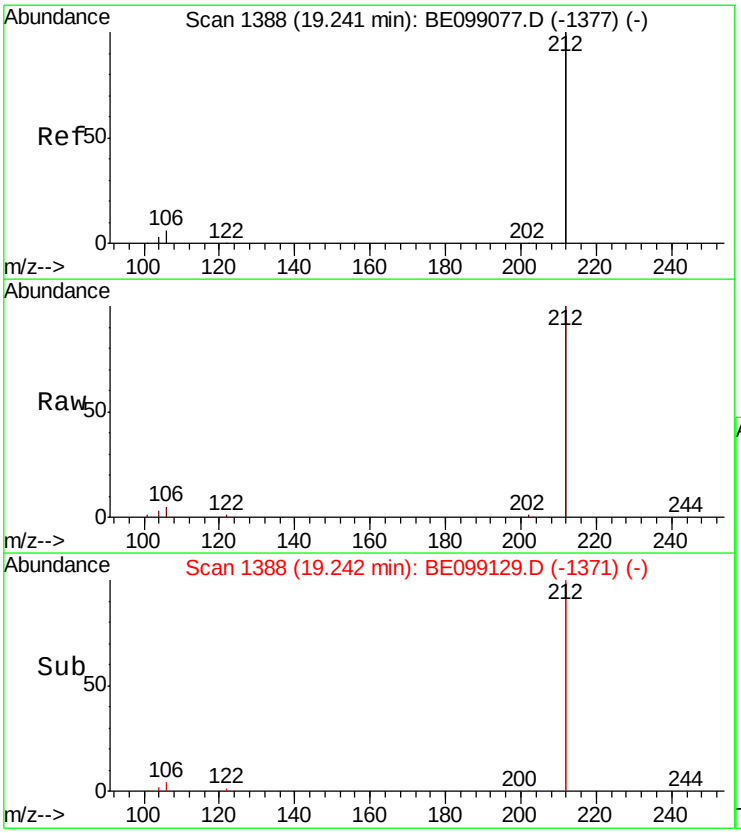
#24
Anthracene
Concen: 0.023 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:178 Resp: 2086

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	20.1	12.2	18.4#

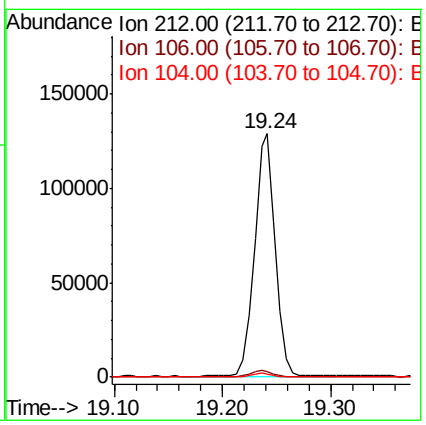


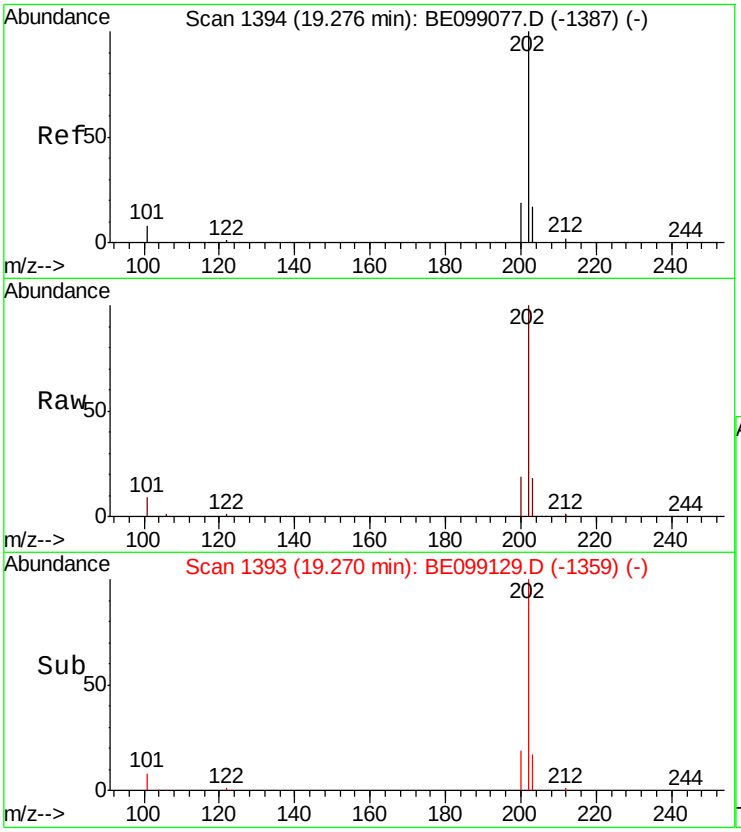


#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:212 Resp: 171164

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



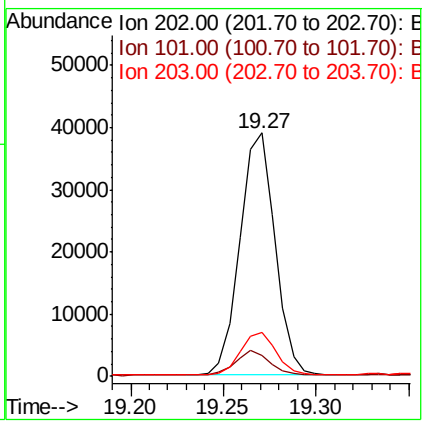


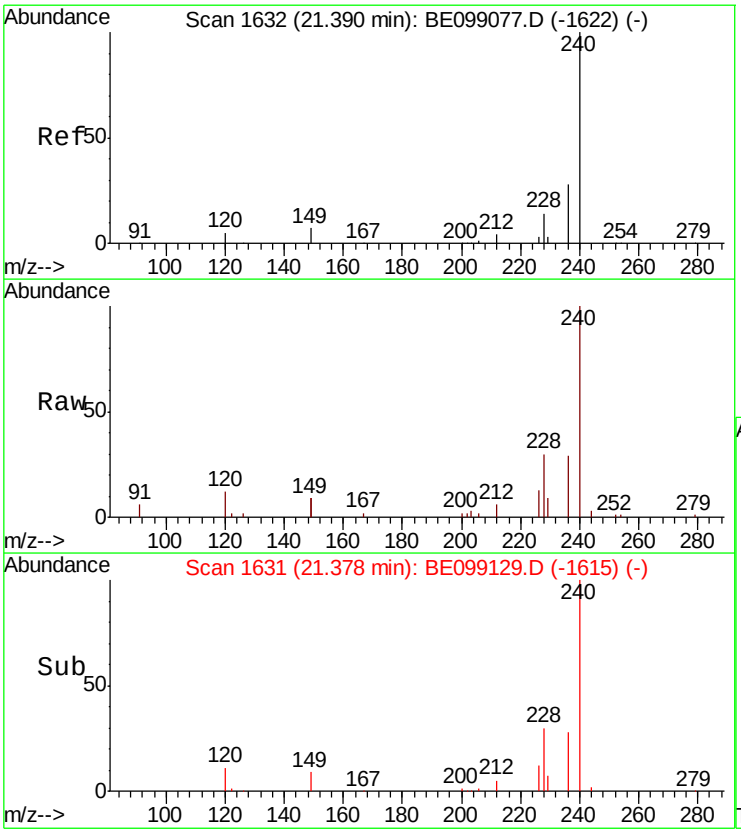
#26
Fluoranthene
Concen: 0.382 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:202 Resp: 51246

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.3	10.9
203	17.4	13.4	20.2

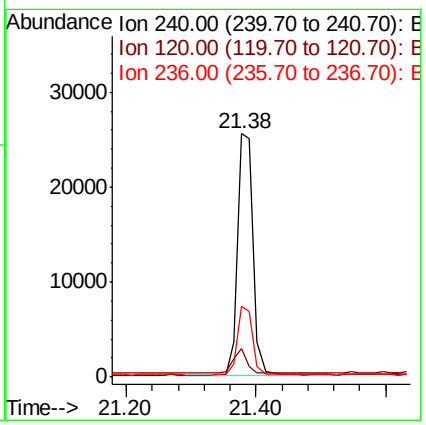


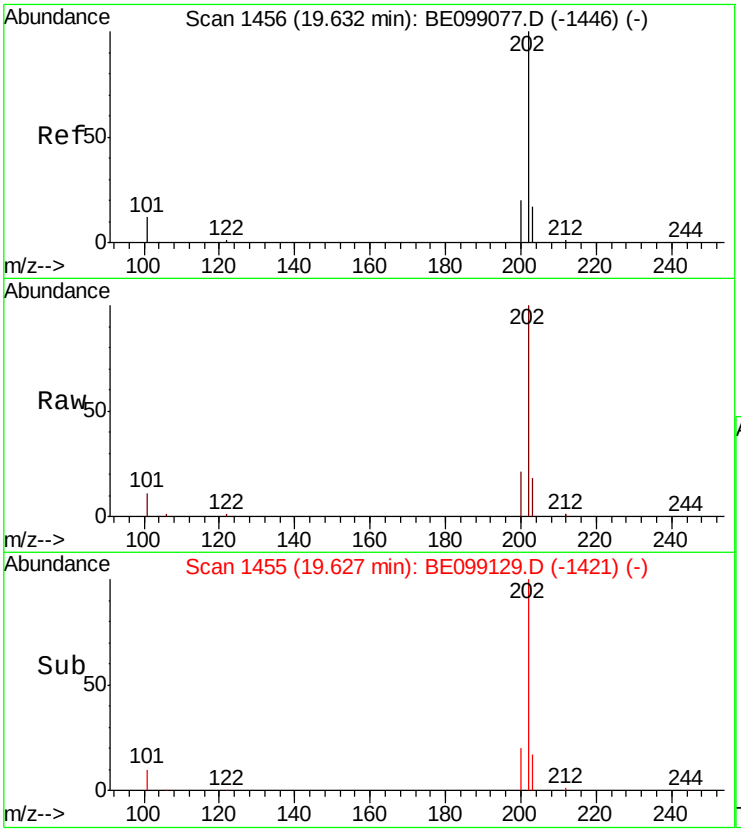


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:240 Resp: 42690

Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.0	7.4#
236	29.0	22.7	34.1



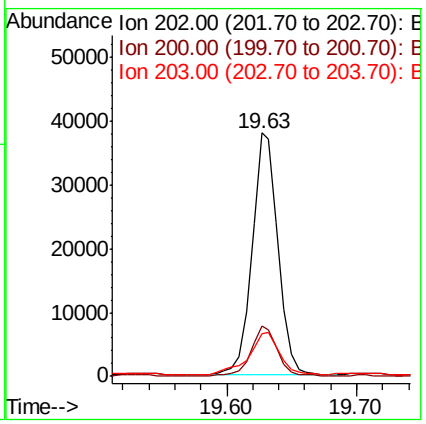


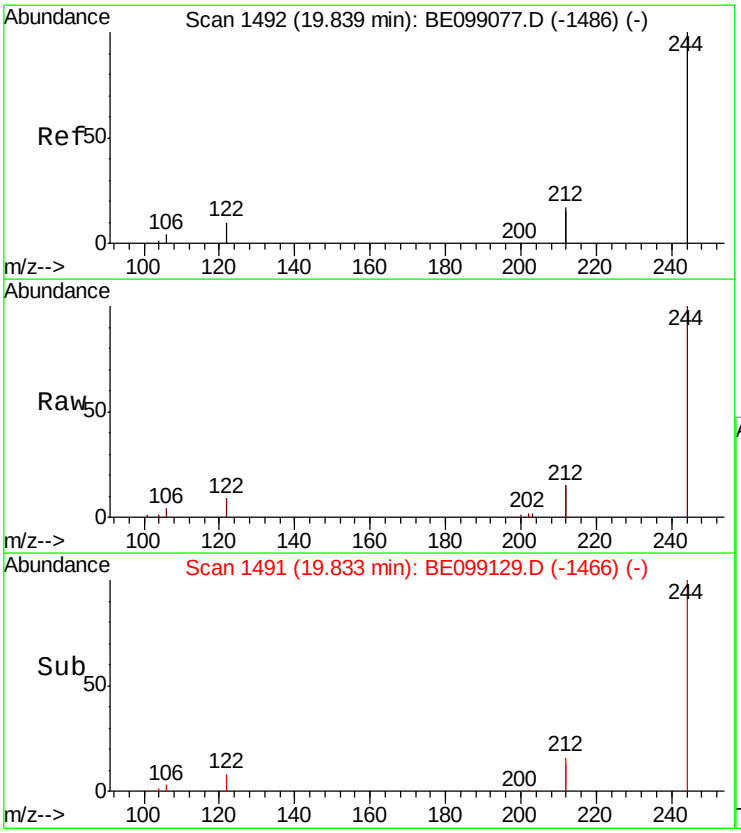
#28
Pyrene
Concen: 0.364 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:202 Resp: 52661

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	21.0	14.2	21.2

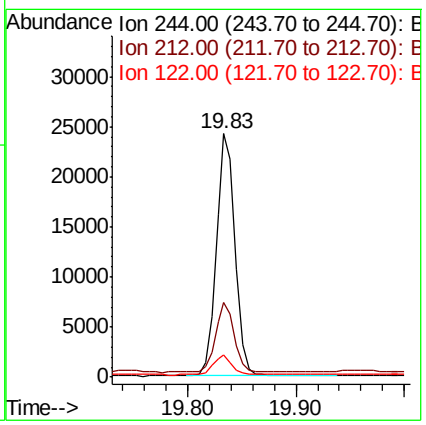


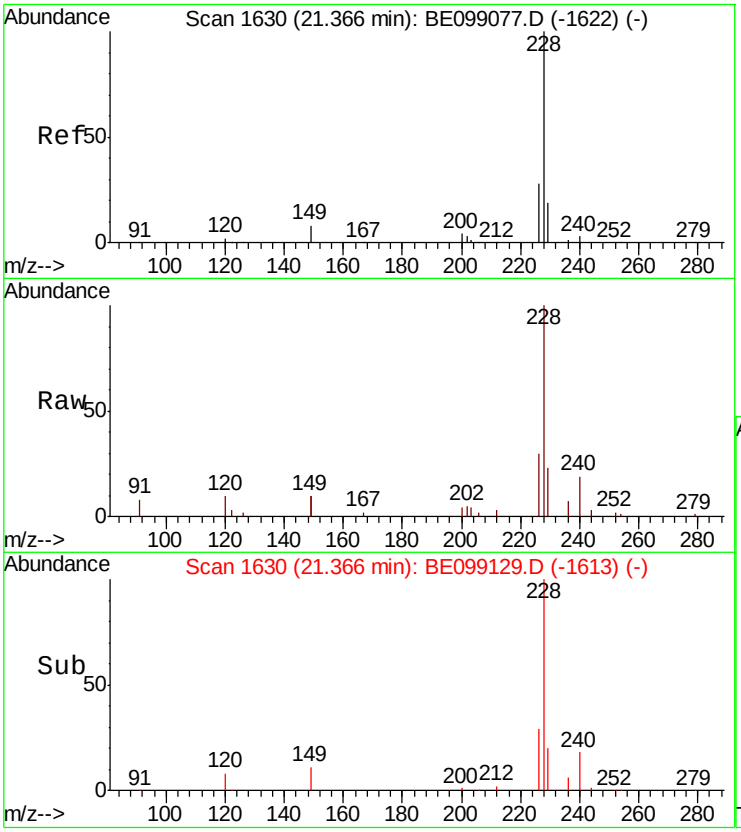


#29
Terphenyl-d14
Concen: 0.323 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:244 Resp: 29216

Ion	Ratio	Lower	Upper
244	100		
212	30.9	29.4	44.2
122	9.3	7.1	10.7



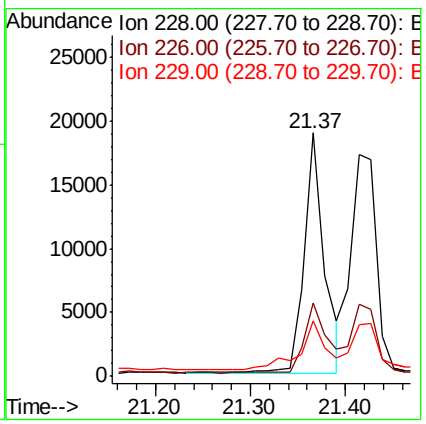


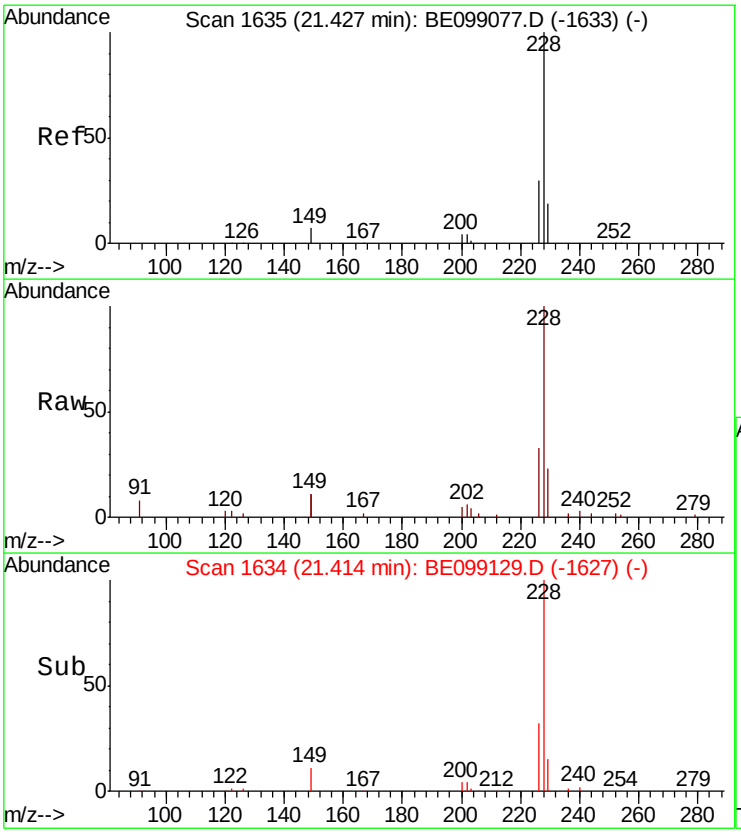
#30
Benzo(a)anthracene
Concen: 0.184 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:228 Resp: 27722

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	22.9	16.5	24.7

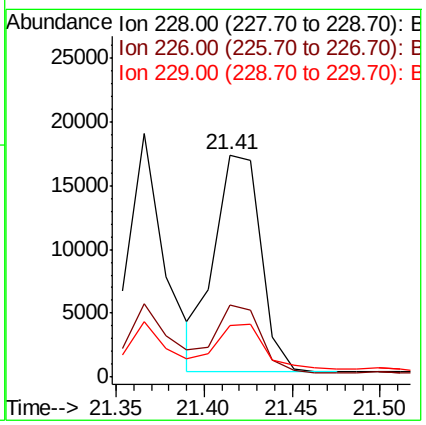


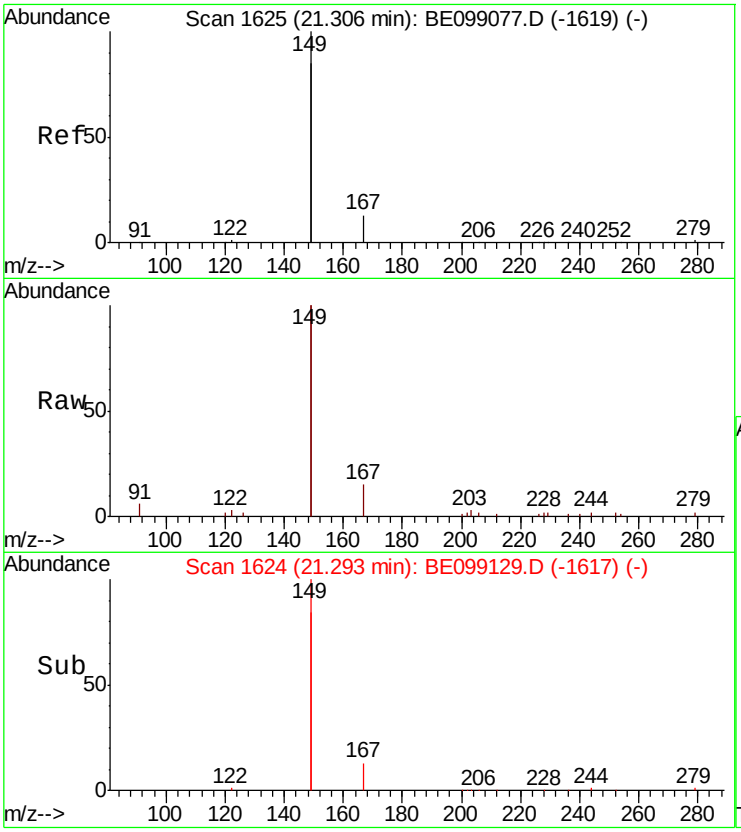


#31
Chrysene
Concen: 0.207 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:228 Resp: 31155

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.7	35.5
229	23.0	16.1	24.1



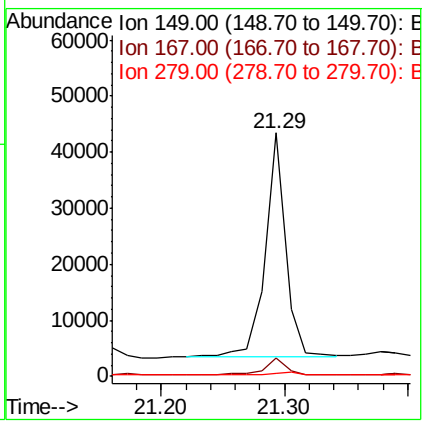


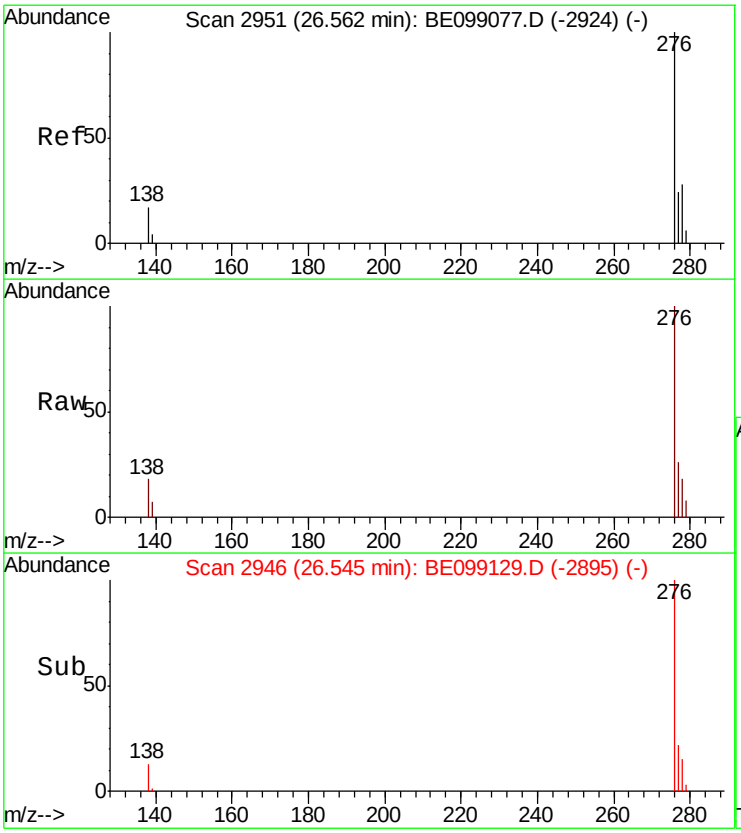
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:149 Resp: 46742

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.3	1.0	1.4

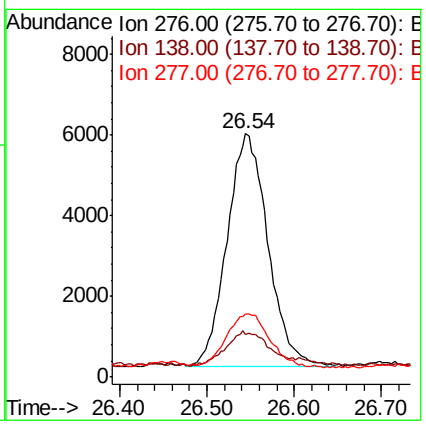


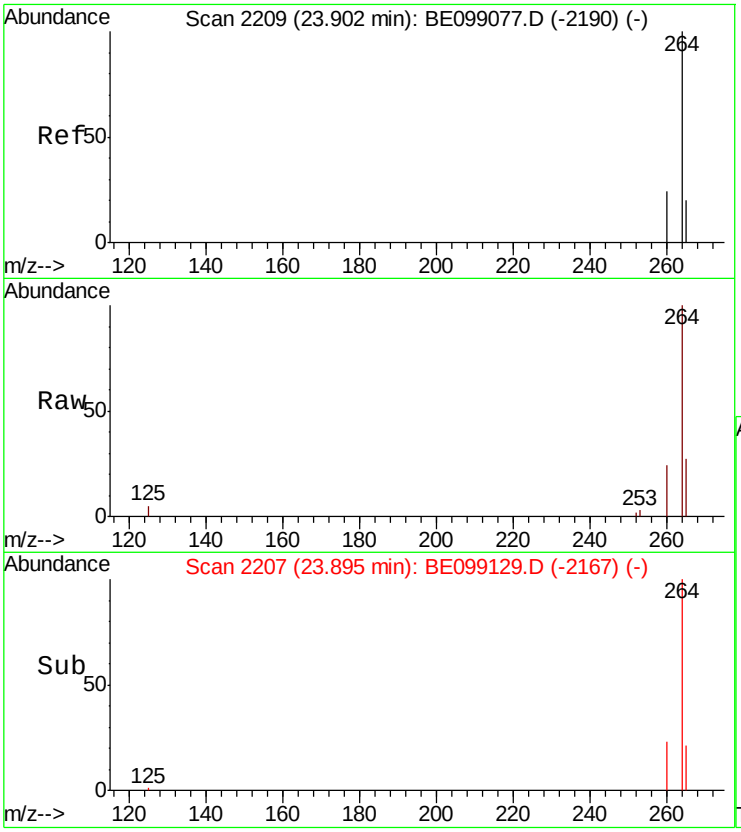


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:276 Resp: 18709

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.8	20.8
277	23.5	19.5	29.3



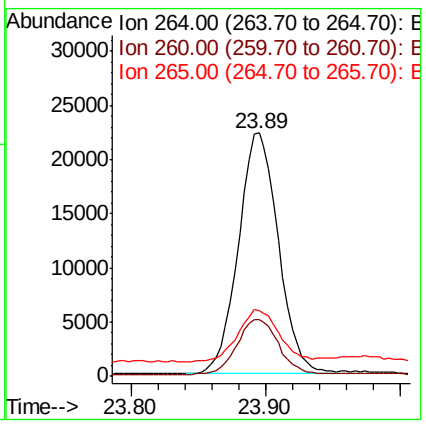


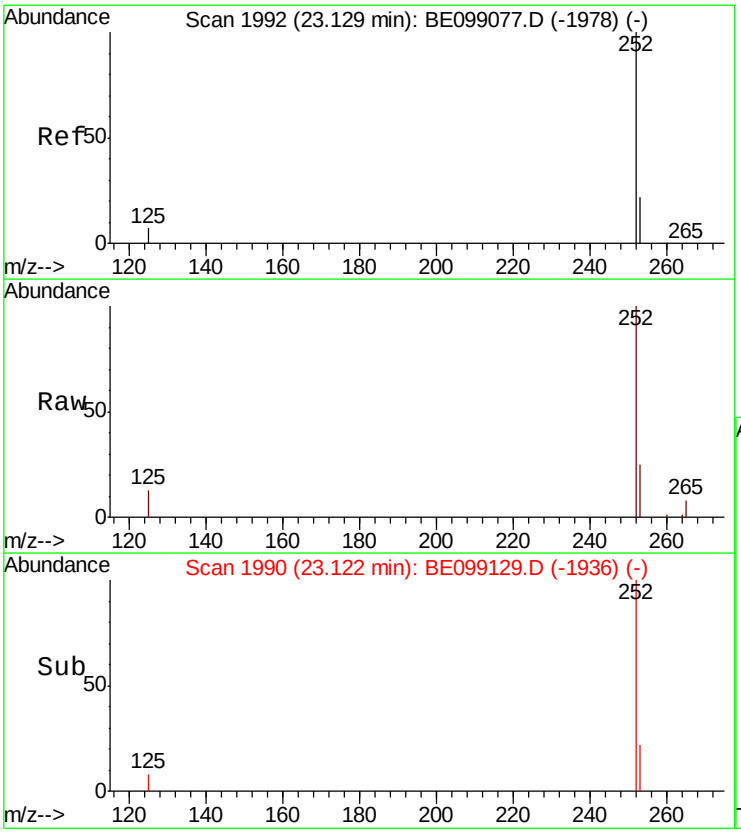
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:264 Resp: 45910

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.2	31.8
265	26.9	24.6	36.8

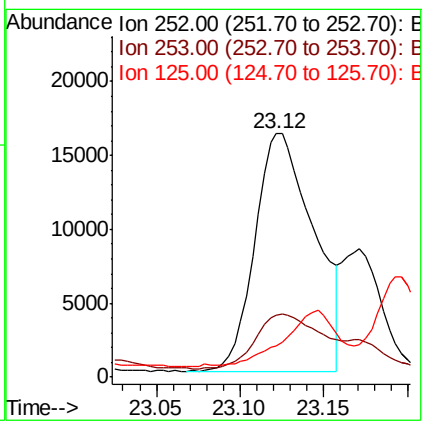


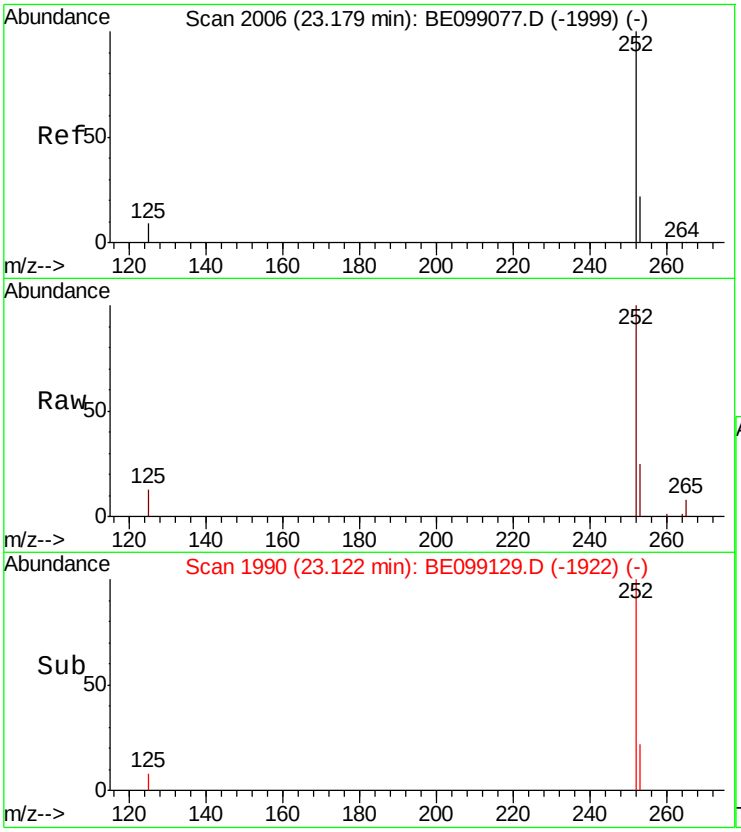


#35
Benzo(b)fluoranthene
Concen: 0.249 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:252 Resp: 39509

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	12.7	7.3	10.9#



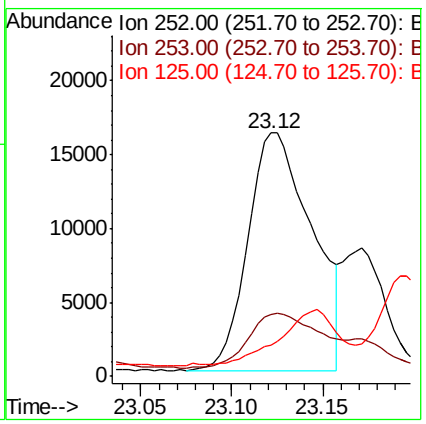


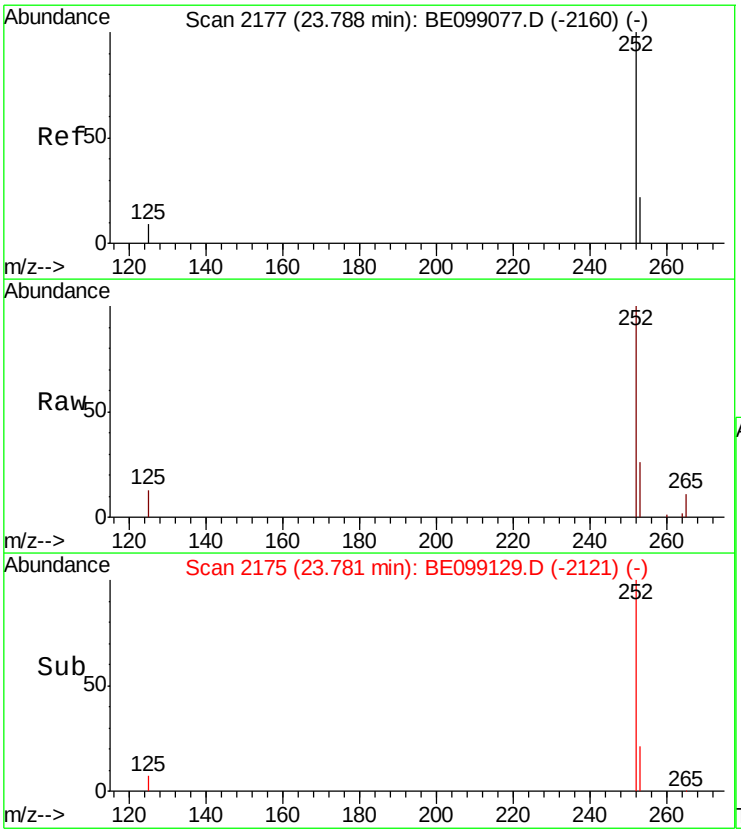
#36
Benzo(k)fluoranthene
Concen: 0.254 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:252 Resp: 39534

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.3	28.9
125	12.7	7.5	11.3#

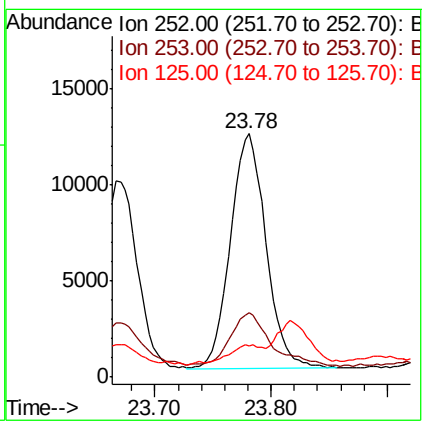


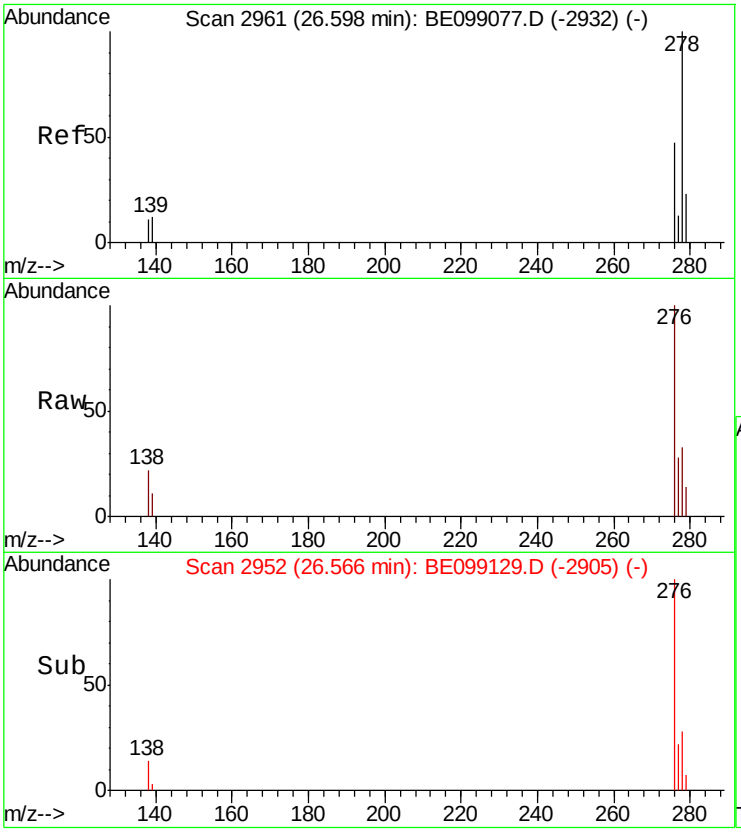


#37
Benzo(a)pyrene
Concen: 0.177 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:252 Resp: 26047

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.9	29.9
125	12.9	9.0	13.4



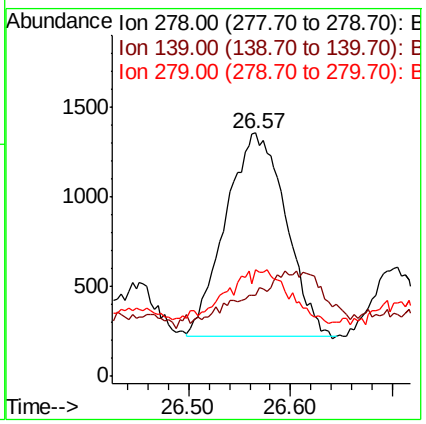


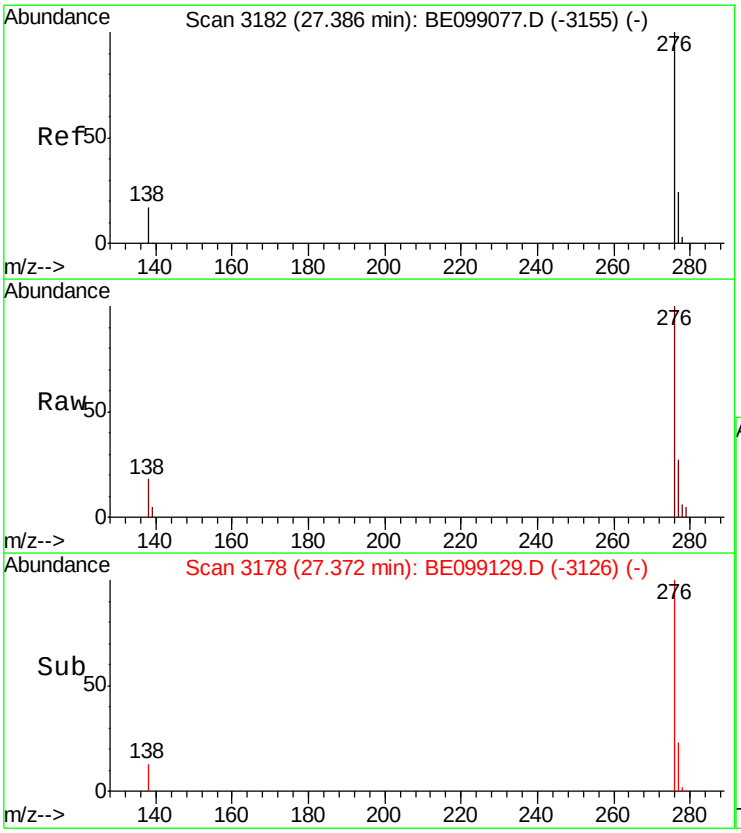
#38
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tgt Ion:278 Resp: 4659

Ion	Ratio	Lower	Upper
278	100		
139	33.1	11.8	17.6#
279	44.0	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.132 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:276 Resp: 19321

Ion	Ratio	Lower	Upper
276	100		
277	26.5	20.4	30.6
138	18.0	13.6	20.4