Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099094.D
Acq On : 22 Mar 2019 23:55
Operator : JU/SJ
Sample : K1947-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-025-B128-031319

Quant Time: Mar 23 01:16:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3264	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12645	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	8144	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	22001	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32929	0.40	ng	0.00
34) Perylene-d12	23.90	264	38430	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	4373	0.45	ng	0.00
5) Phenol-d6	7.00	99	6146	0.44	ng	0.00
8) Nitrobenzene-d5	9.16	82	214	0.04	ng	0.17
11) 2-Methylnaphthalene-d10	12.22	152	8041	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	1494	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12313	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	94709	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	20900	0.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	138	0.027	ng	# 1
22) Pentachlorophenol	16.87	266	27	0.257	ng	93
23) Phenanthrene	17.26	178	5155	0.079	ng	# 96
26) Fluoranthene	19.27	202	7061	0.077	ng	# 96
28) Pyrene	19.63	202	8168	0.073	ng	# 94
30) Benzo(a)anthracene	21.37	228	4023	0.035	ng	92
31) Chrysene	21.43	228	4900	0.042	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.31	149	37869	0.252	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.56	276	2629	0.021	ng	# 89
35) Benzo(b)fluoranthene	23.12	252	6019	0.045	ng	# 72
36) Benzo(k)fluoranthene	23.12	252	6019	0.046	ng	# 75
37) Benzo(a)pyrene	23.78	252	3765	0.031	ng	# 79
39) Benzo(g,h,i)perylene	27.38	276	2939	0.024	ng	# 87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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Acq On : 22 Mar 2019 23:55
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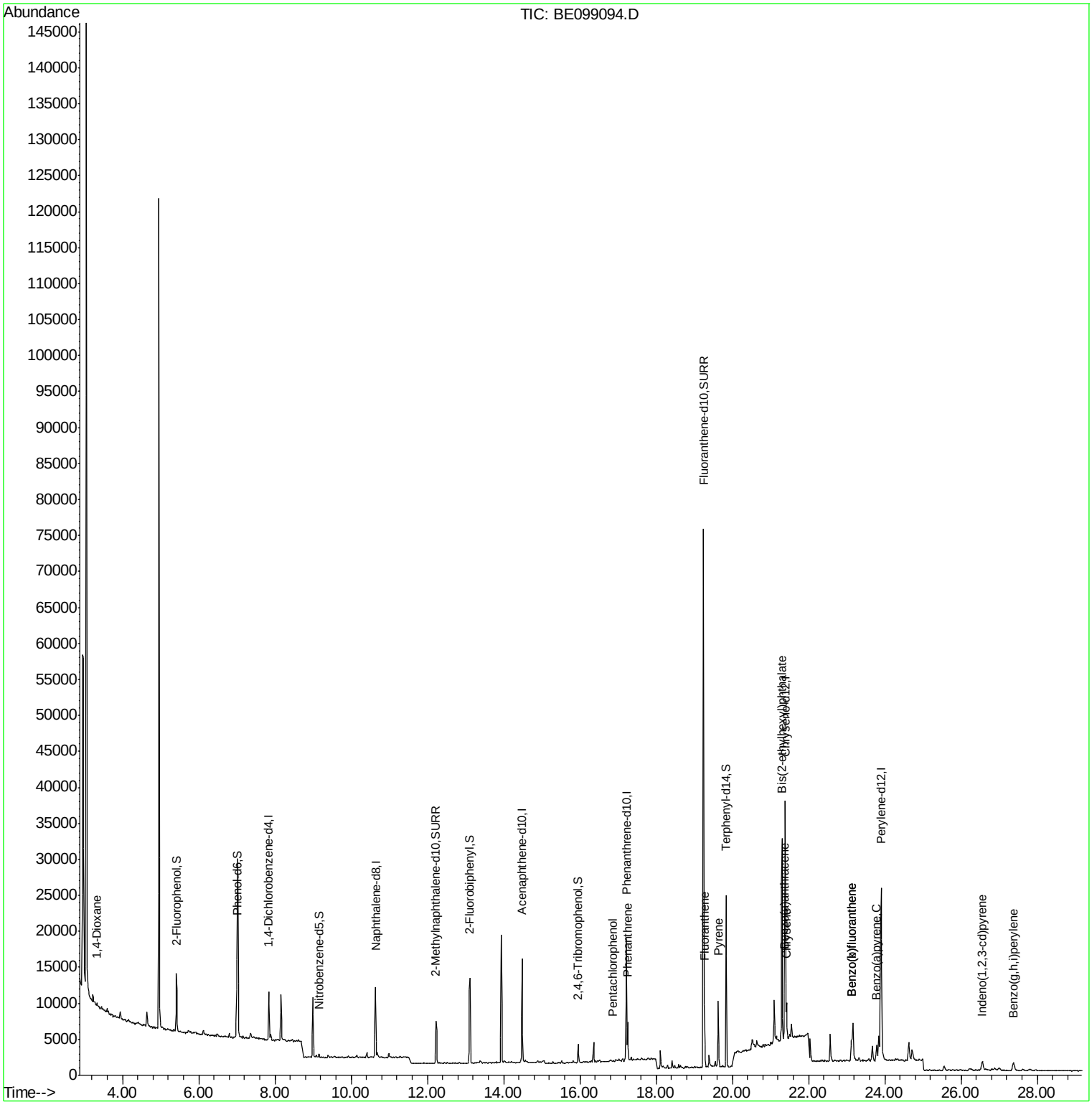
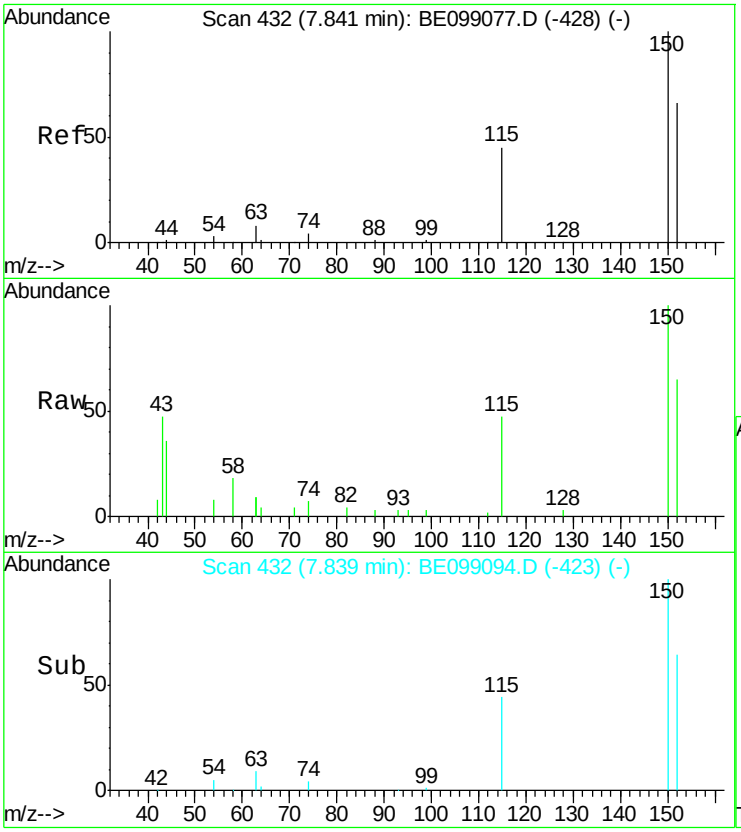
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Quant Time: Mar 23 01:16:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
Response via : Initial Calibration



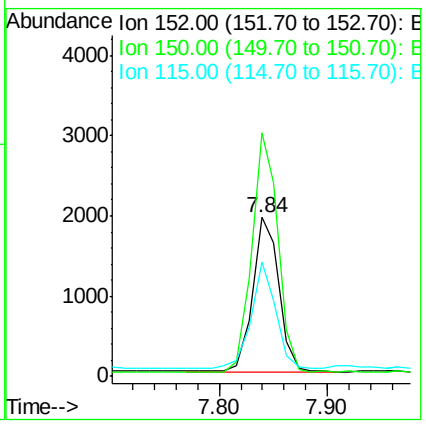


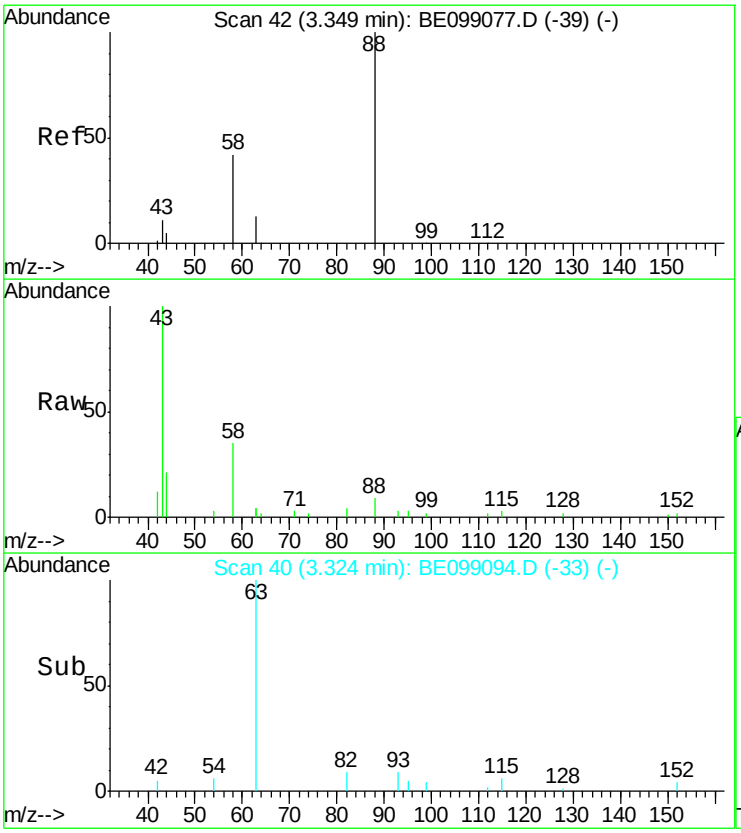
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:152 Resp: 3264

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.5	183.7
115	72.0	57.4	86.2

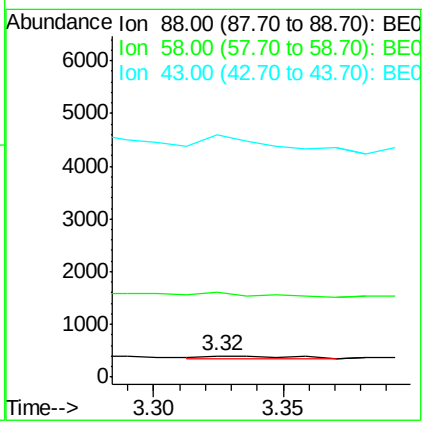


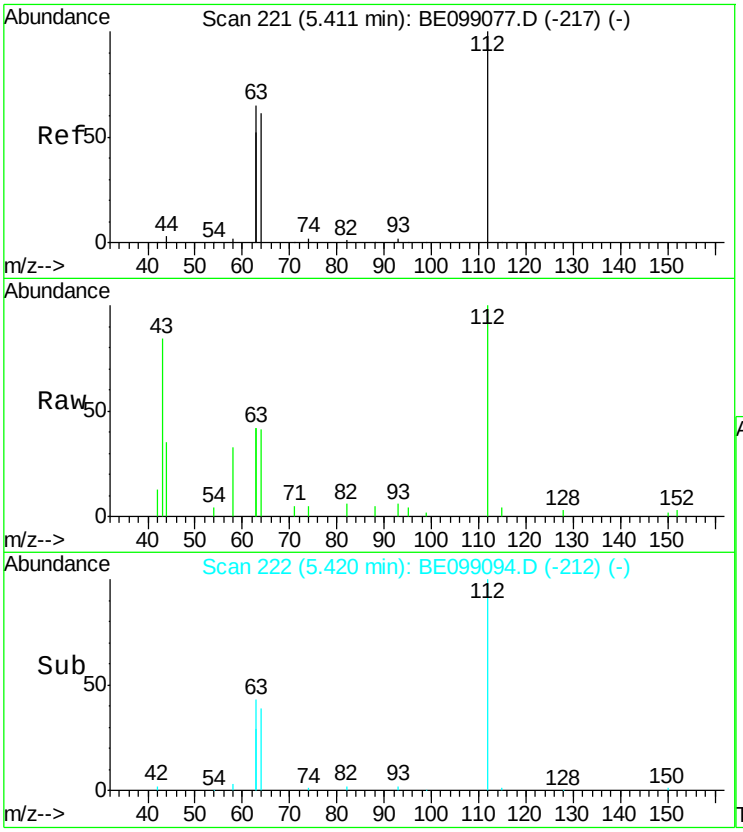


#2
1,4-Dioxane
Concen: 0.027 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.02 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.0	78.0#
43	439.9	24.0	36.0#



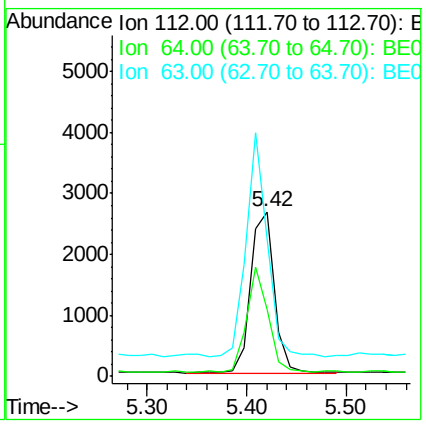


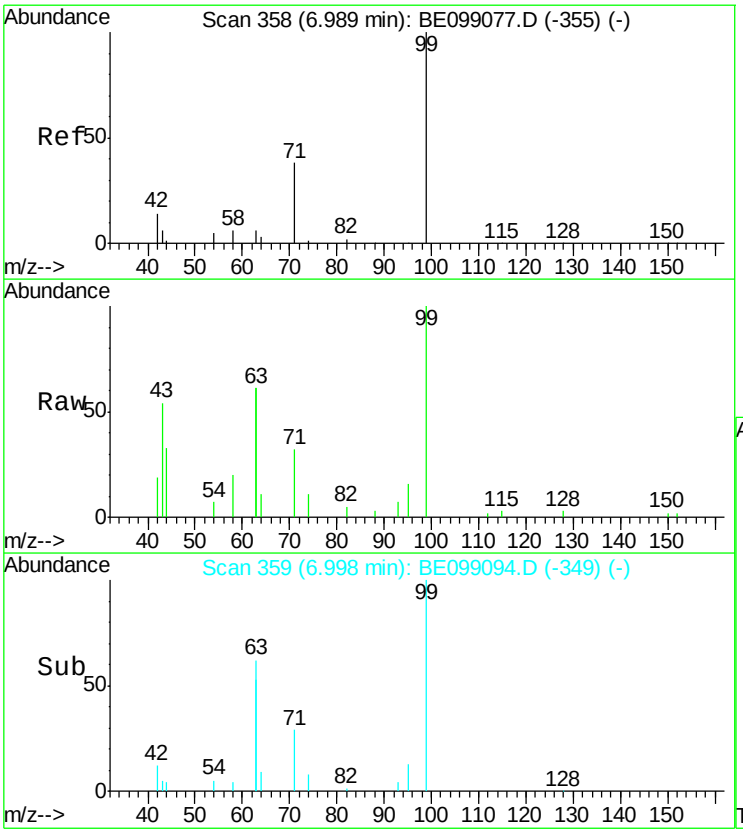
#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:112 Resp: 4373

Ion	Ratio	Lower	Upper
112	100		
64	58.9	57.9	86.9
63	122.4	158.3	237.5#

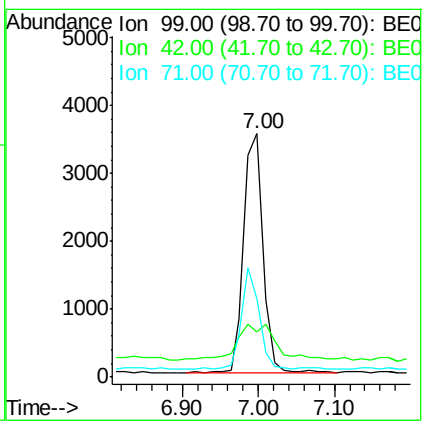


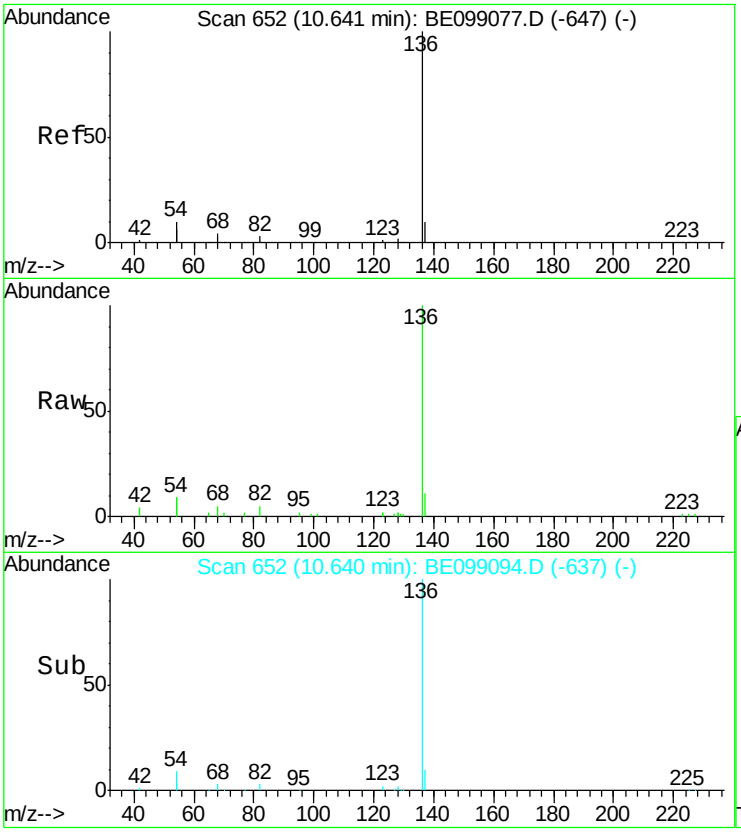


#5
Phenol-d6
Concen: 0.439 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion: 99 Resp: 6146

Ion	Ratio	Lower	Upper
99	100		
42	29.5	24.2	36.2
71	0.0	35.7	53.5#



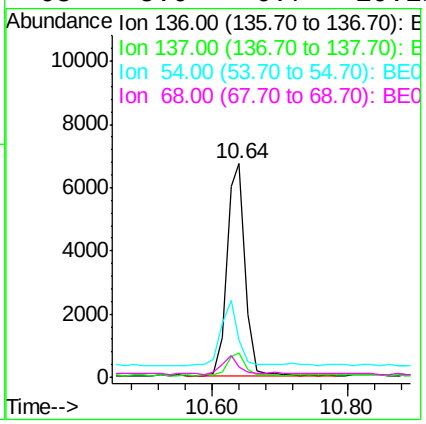


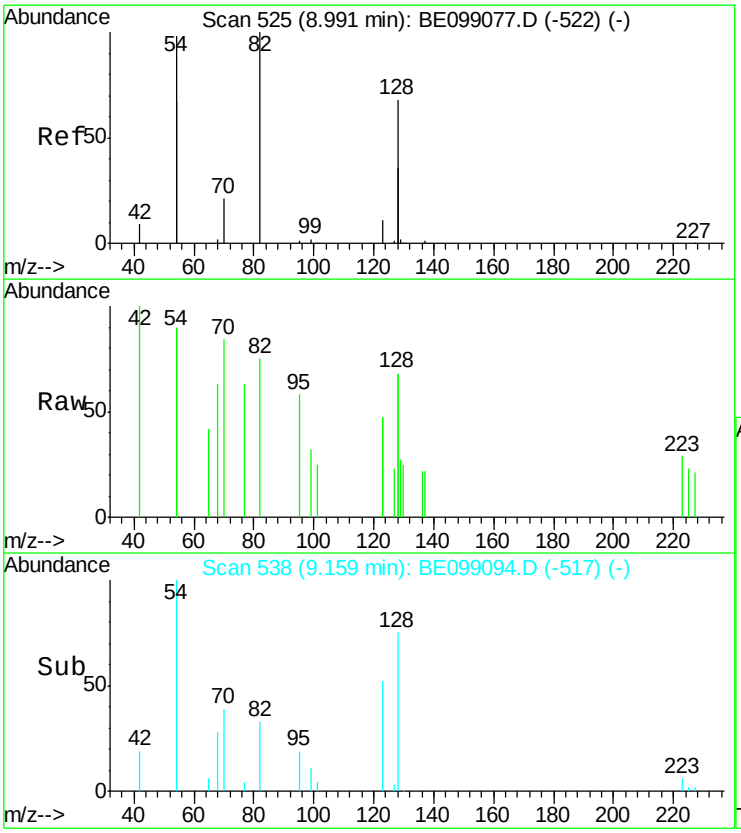
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:136 Resp: 12645

Ion	Ratio	Lower	Upper
136	100		
137	11.3	11.4	17.0#
54	17.7	39.3	58.9#
68	5.0	6.7	10.1#

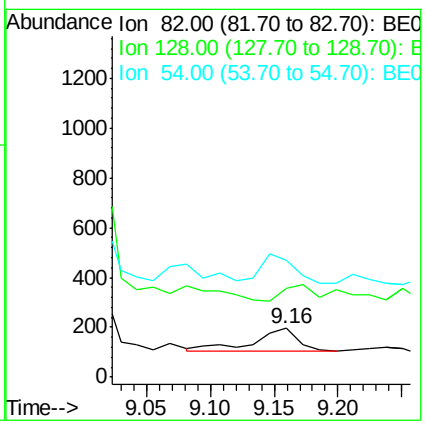


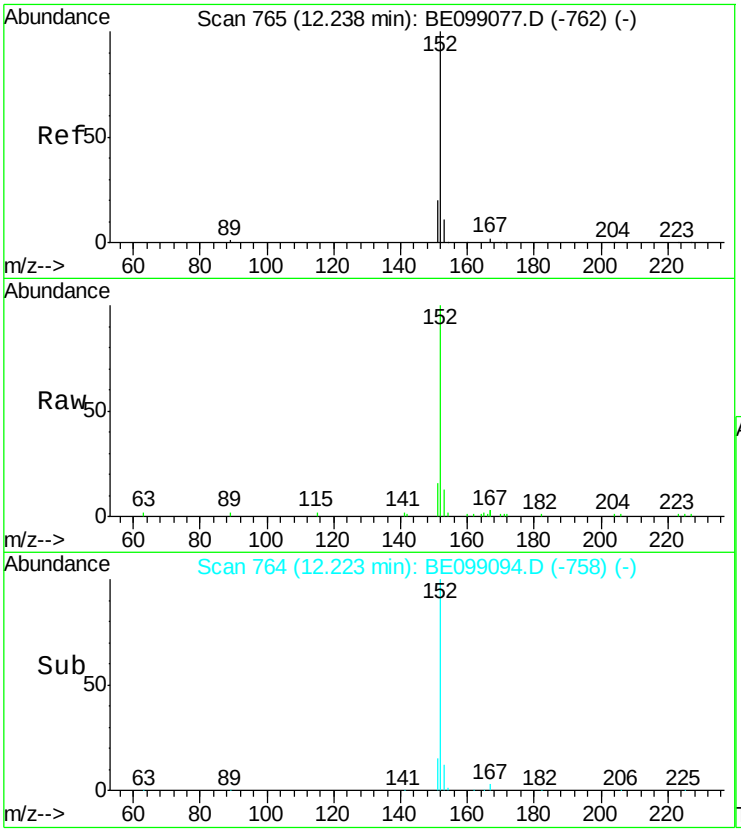


#8
Nitrobenzene-d5
Concen: 0.039 ng
RT: 9.16 min Scan# 538
Delta R.T. 0.17 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion: 82 Resp: 214

Ion	Ratio	Lower	Upper
82	100		
128	181.6	123.8	185.8
54	240.8	203.4	305.2



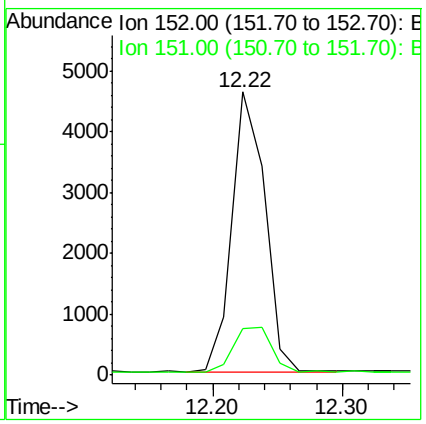


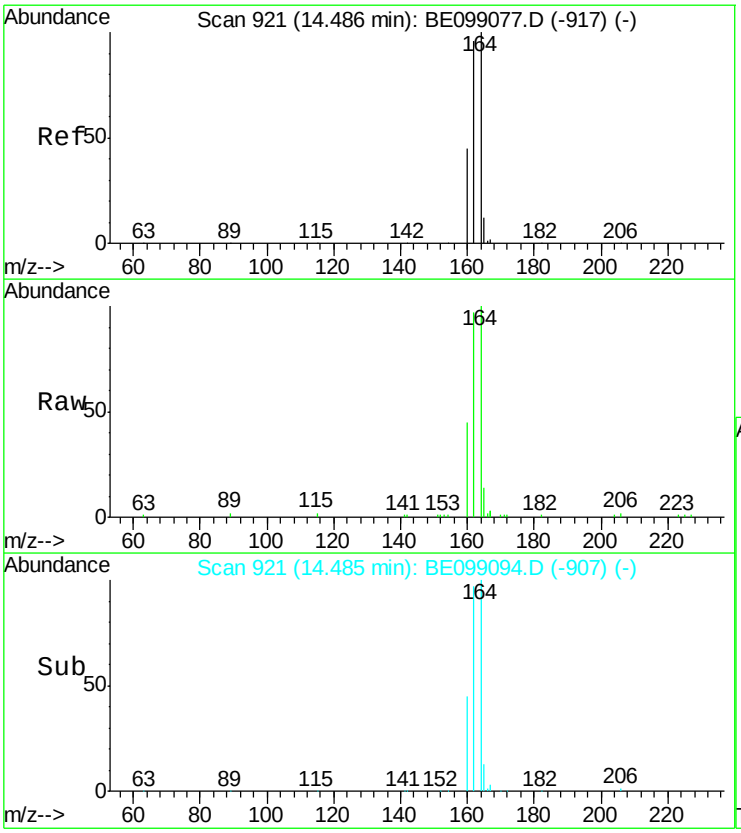
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:152 Resp: 8041

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.5	24.7

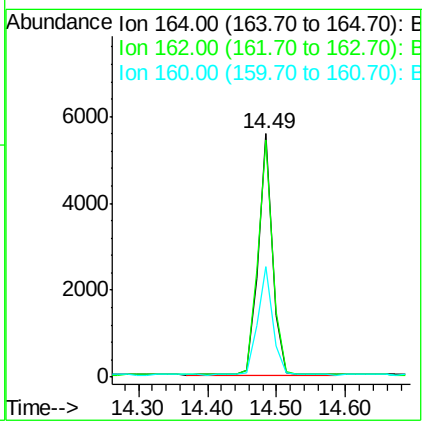


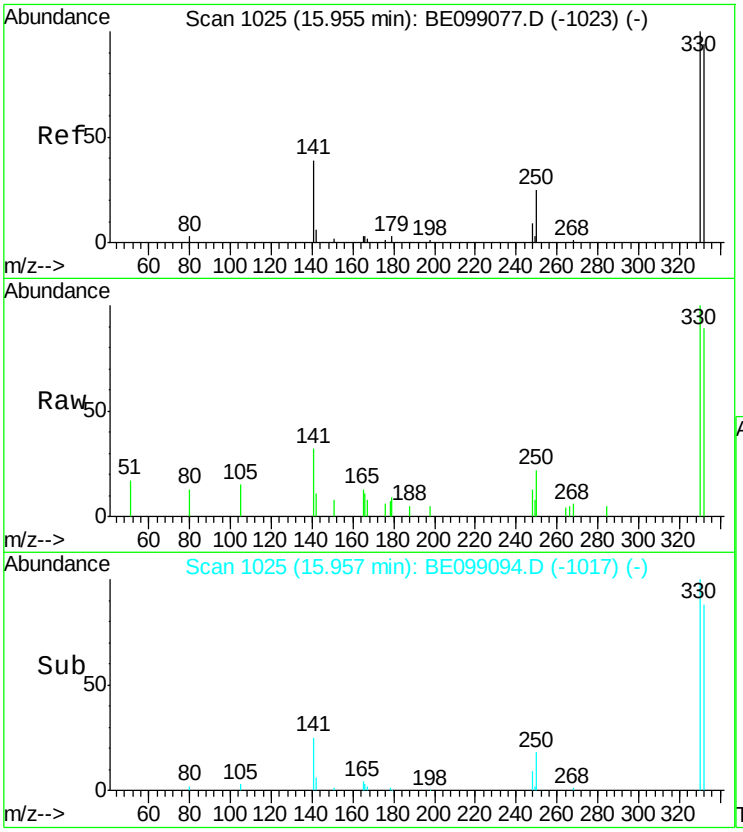


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:164 Resp: 8144

Ion	Ratio	Lower	Upper
164	100		
162	97.3	80.2	120.2
160	45.3	37.8	56.8



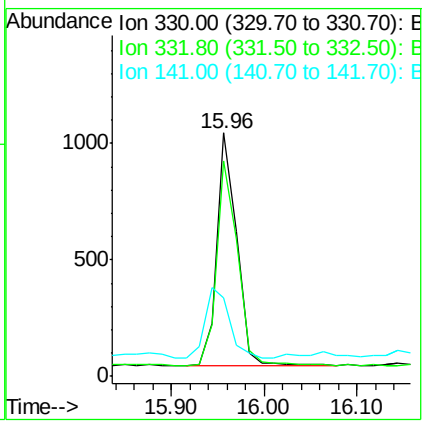


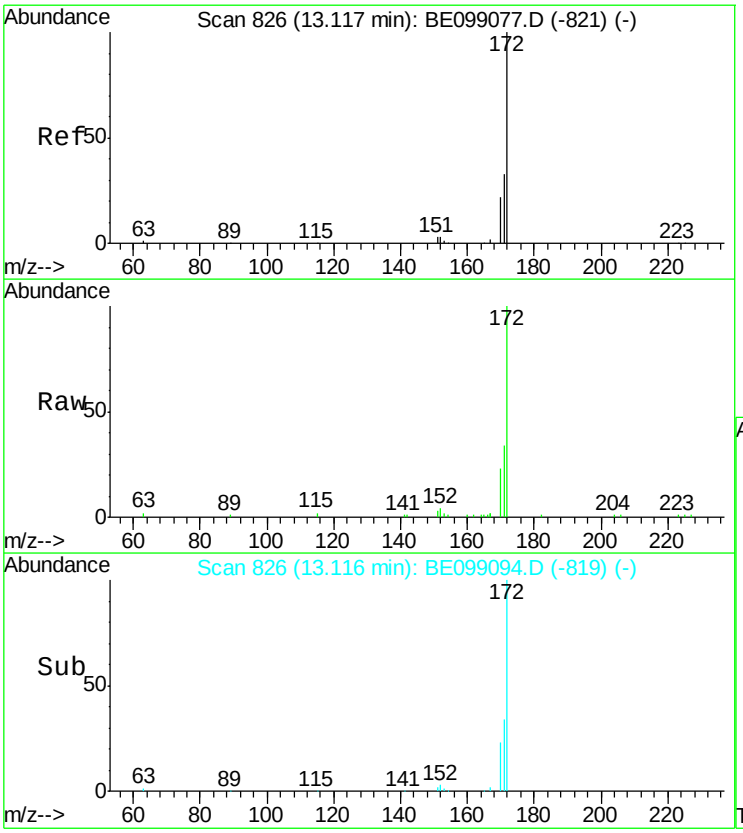
#14
2,4,6-Tribromophenol
Concen: 0.624 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:330 Resp: 1494

Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.6	116.4
141	36.9	31.0	46.4

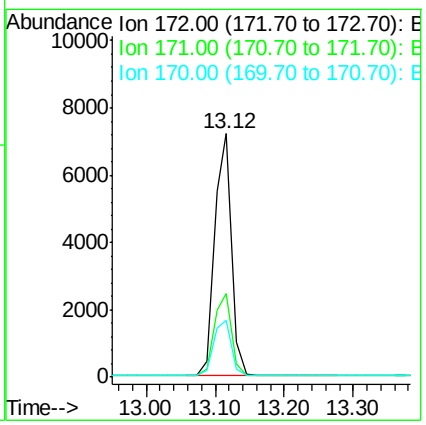


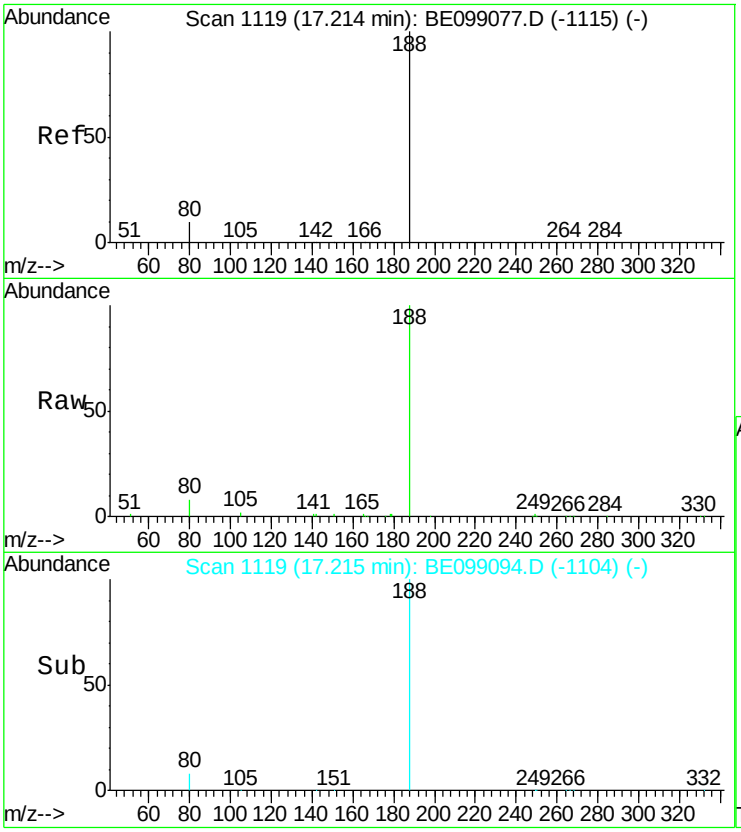


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:172 Resp: 12313

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.0	42.0
170	23.3	17.7	26.5



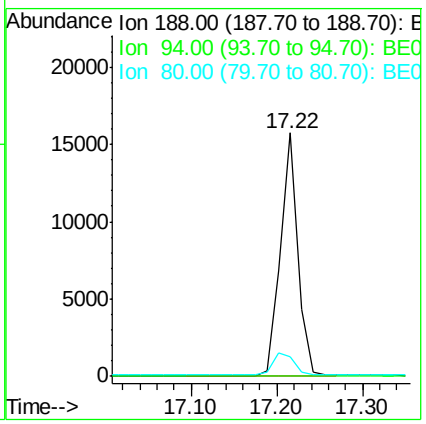


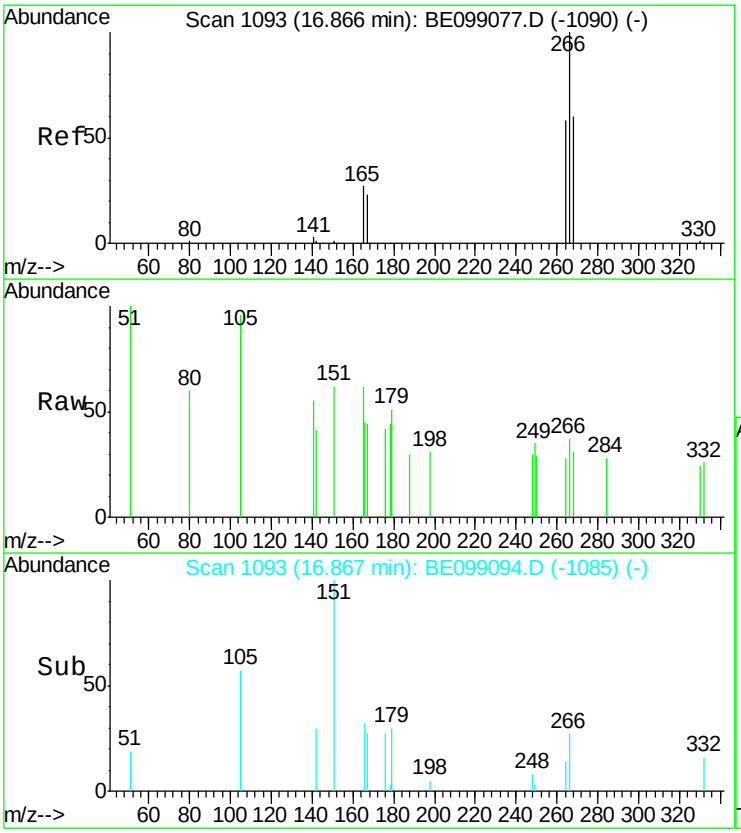
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:188 Resp: 22001

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5

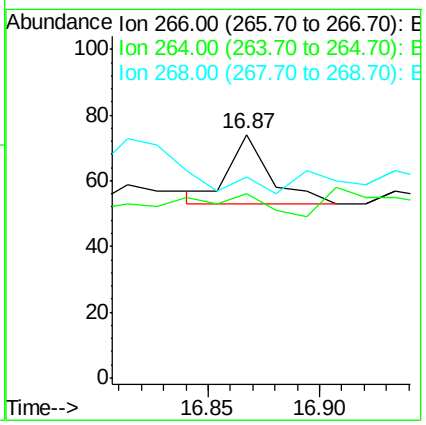


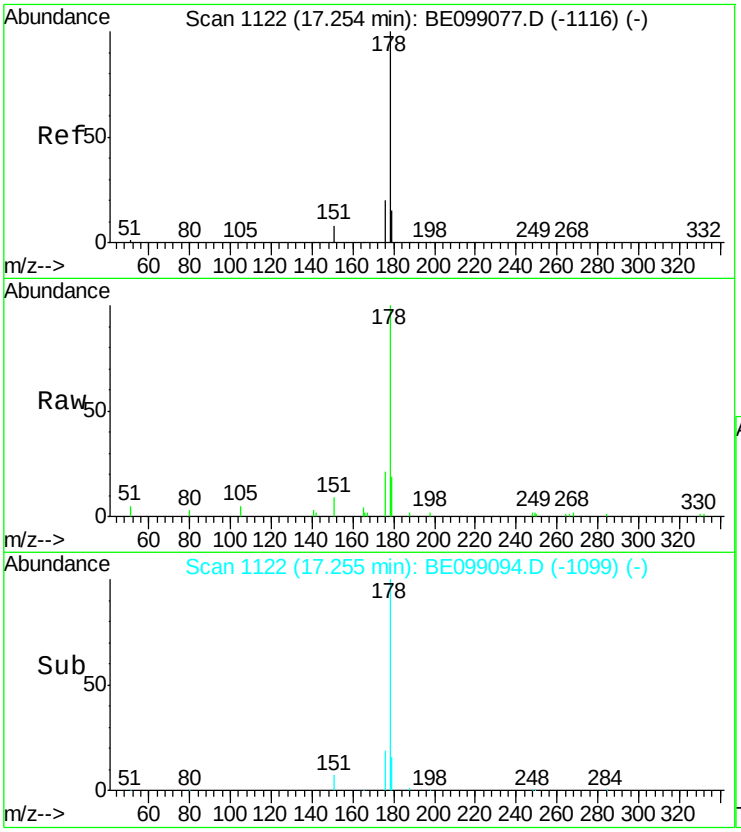


#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	75.7	66.6	100.0
268	82.4	69.8	104.8



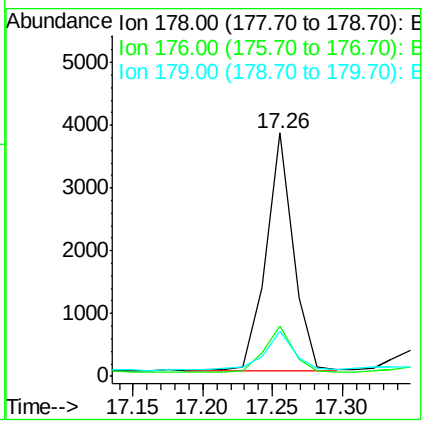


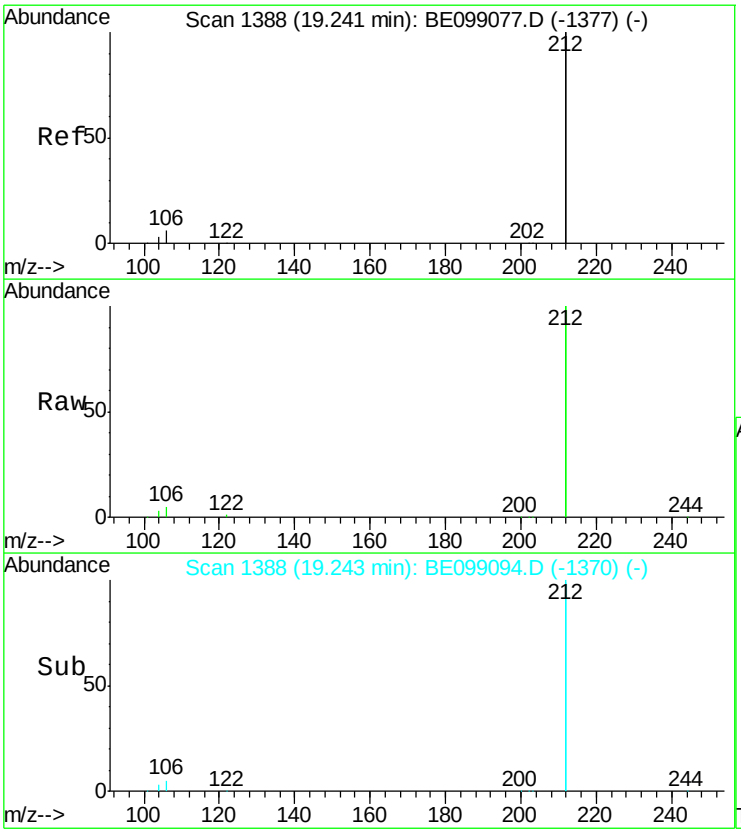
#23
Phenanthrene
Concen: 0.079 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:178 Resp: 5155

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	19.1	12.1	18.1#

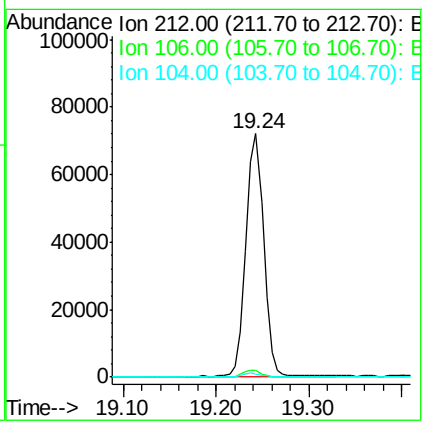


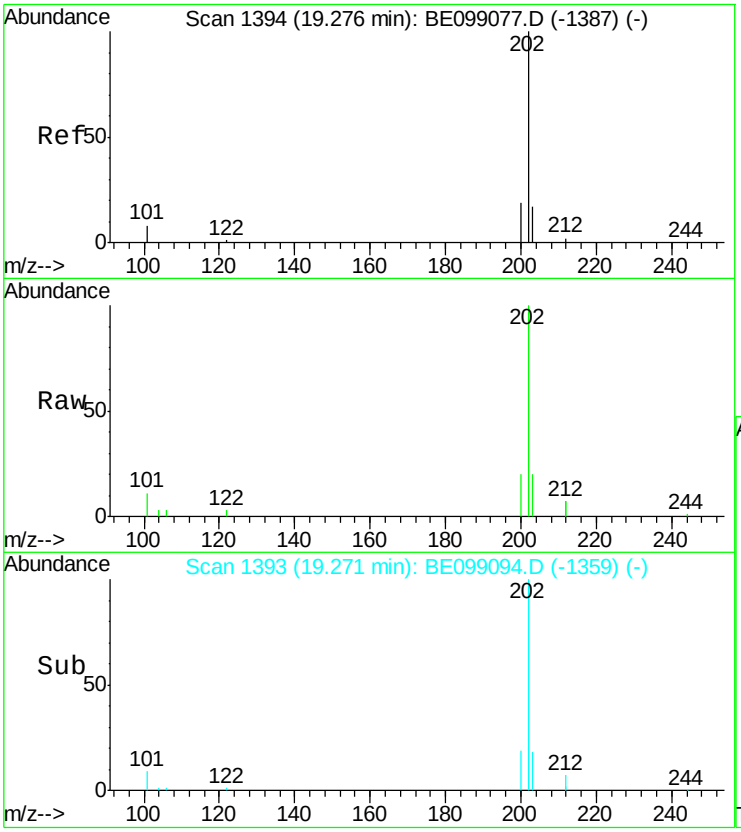


#25
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:212 Resp: 94709

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



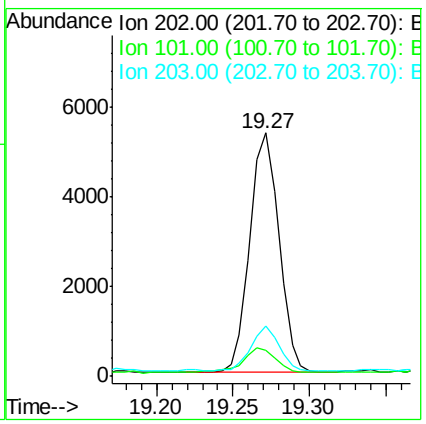


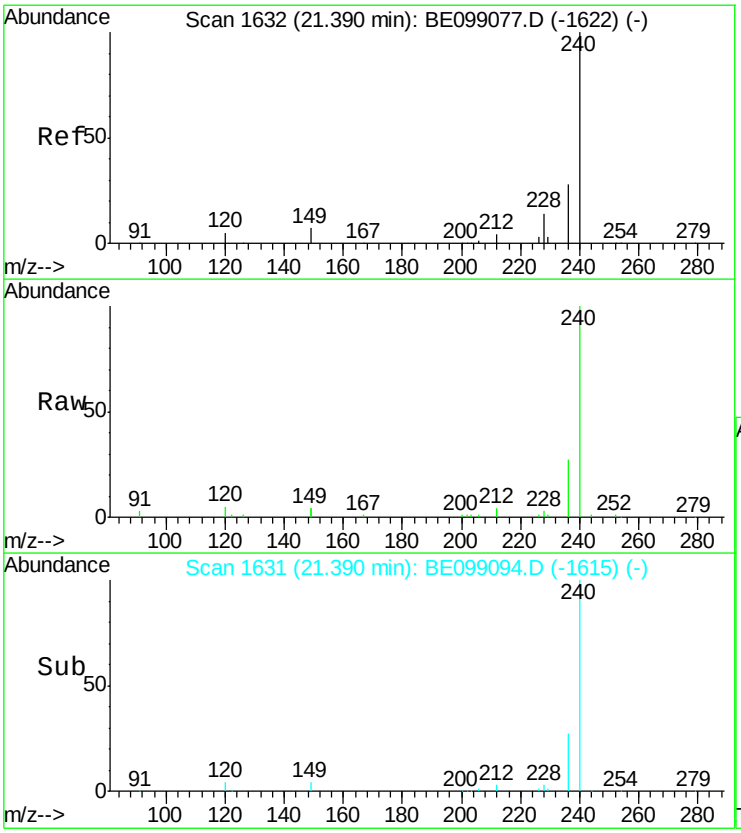
#26
Fluoranthene
Concen: 0.077 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:202 Resp: 7061

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.3	10.9#
203	18.2	13.4	20.2

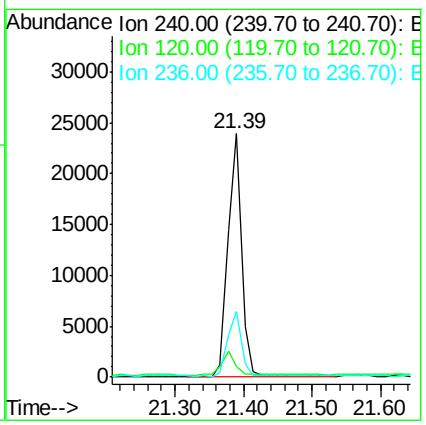


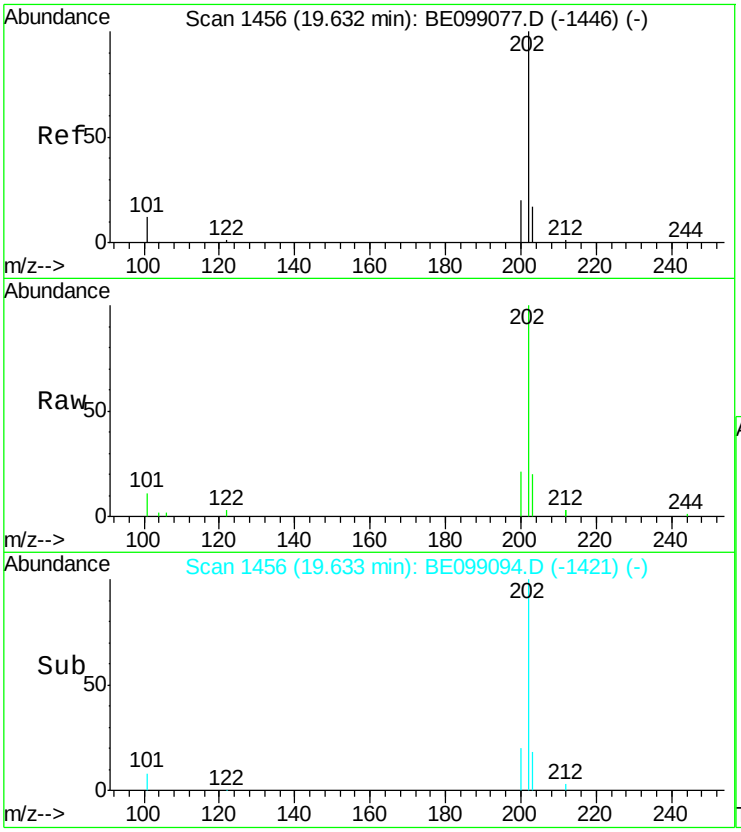


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:240 Resp: 32929

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.0	7.4#
236	27.0	22.7	34.1



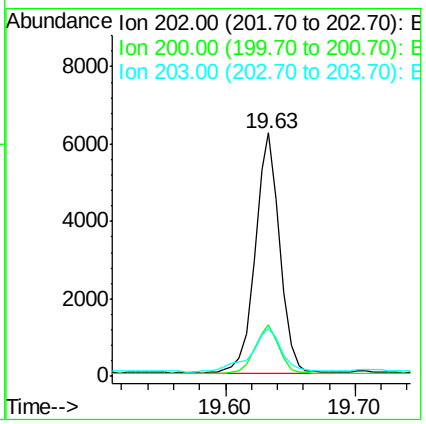


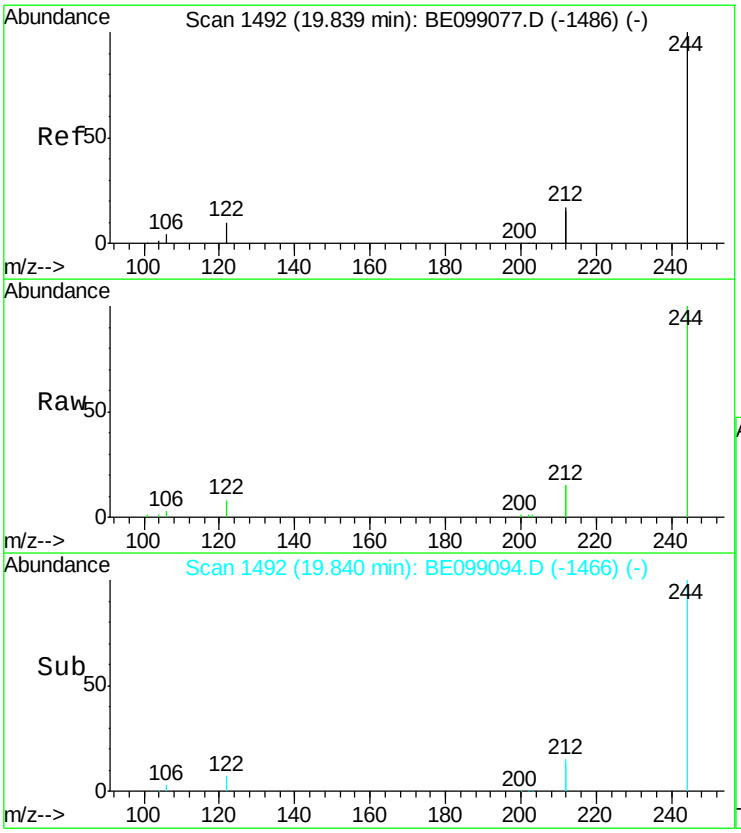
#28
Pyrene
Concen: 0.073 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:202 Resp: 8168

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	22.2	14.2	21.2#

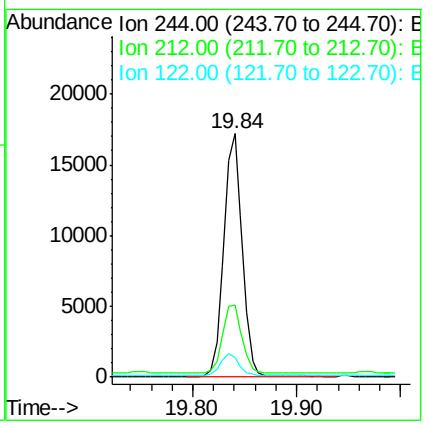


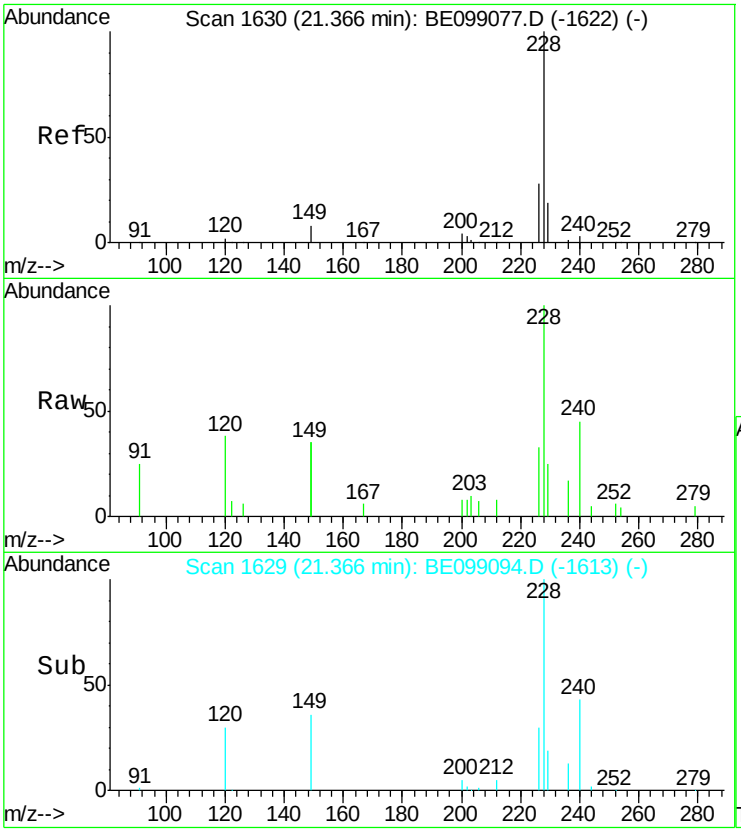


#29
Terphenyl-d14
Concen: 0.300 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:244 Resp: 20900

Ion	Ratio	Lower	Upper
244	100		
212	29.4	29.4	44.2#
122	8.1	7.1	10.7



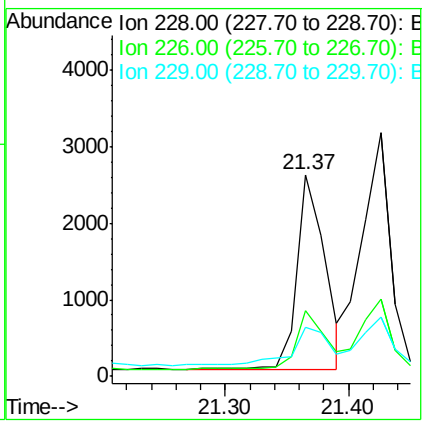


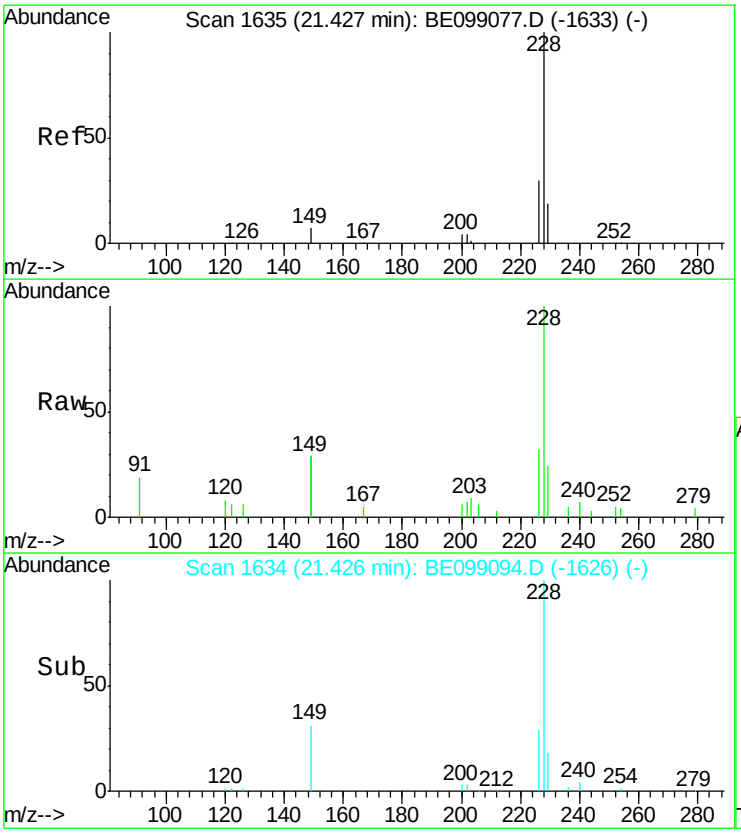
#30
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:228 Resp: 4023

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.0	34.4
229	24.6	16.5	24.7

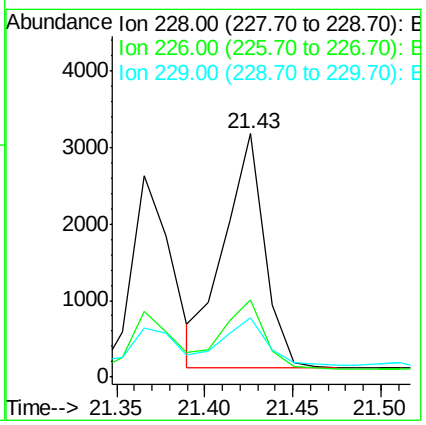


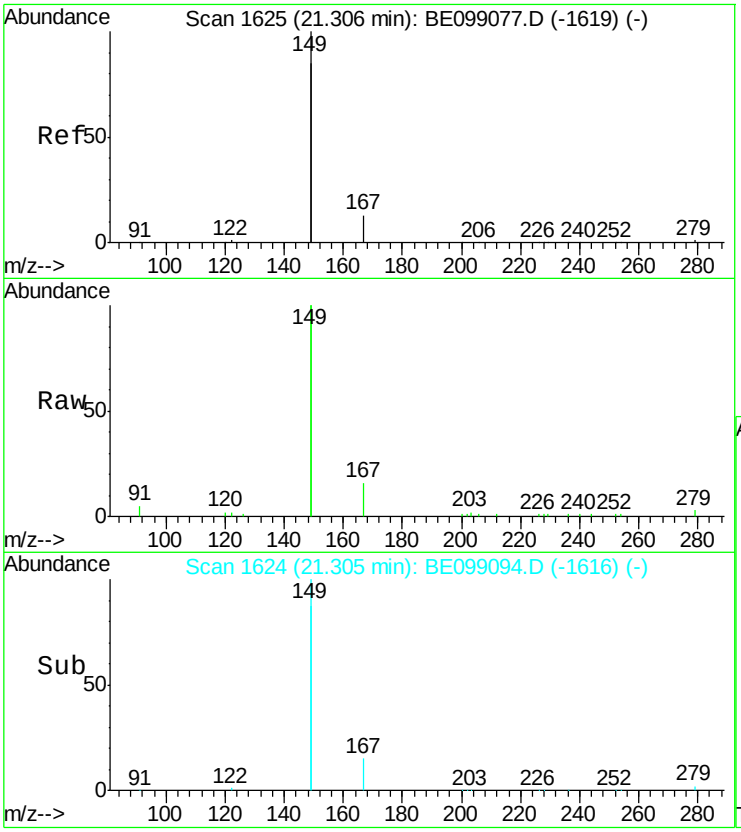


#31
Chrysene
Concen: 0.042 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:228 Resp: 4900

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	24.1	16.1	24.1#



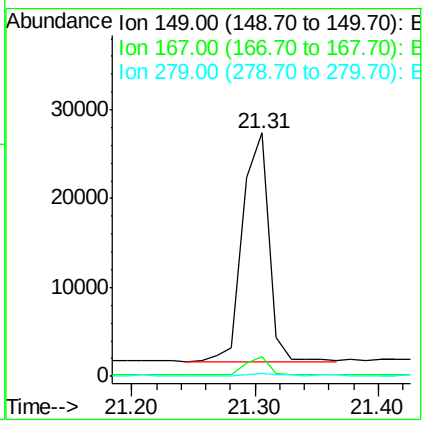


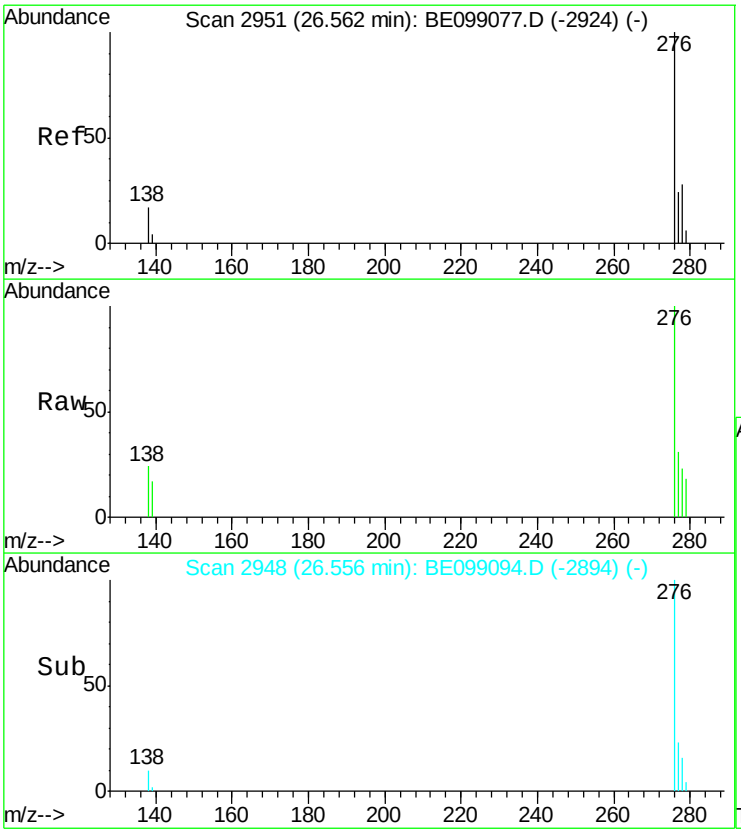
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.252 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:149 Resp: 37869

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.0	1.0	1.4#

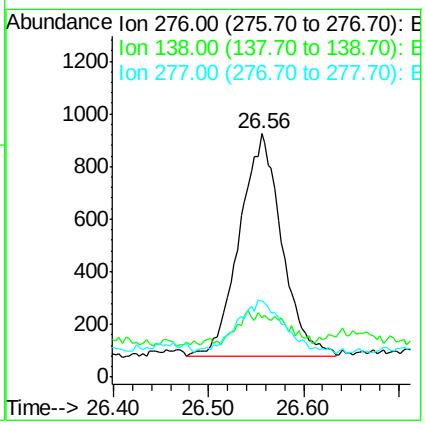


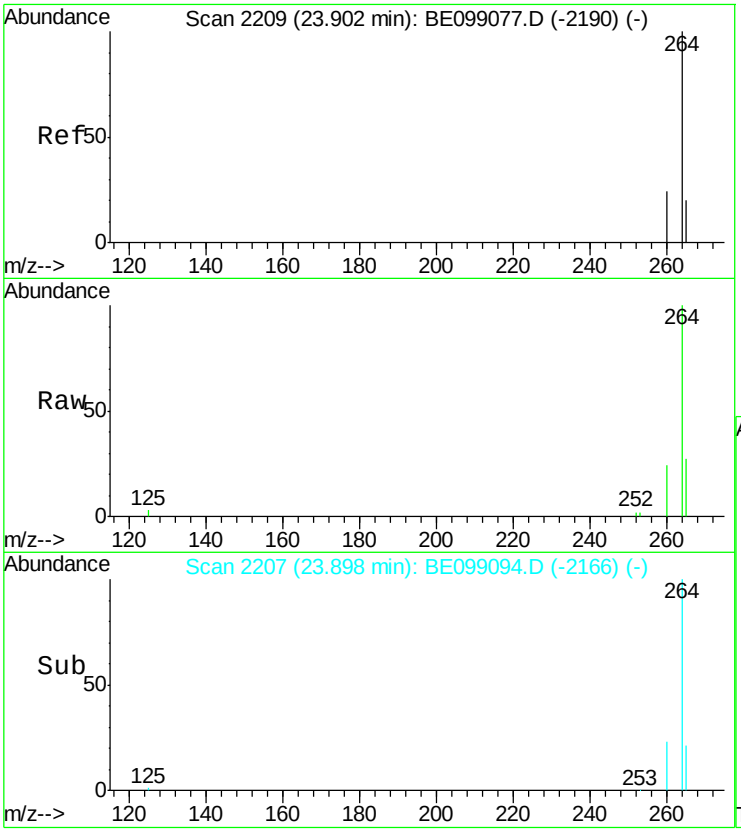


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 26.56 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:276 Resp: 2629

Ion	Ratio	Lower	Upper
276	100		
138	5.9	13.8	20.8#
277	24.6	19.5	29.3



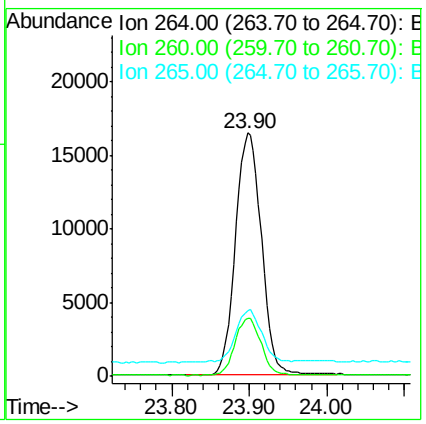


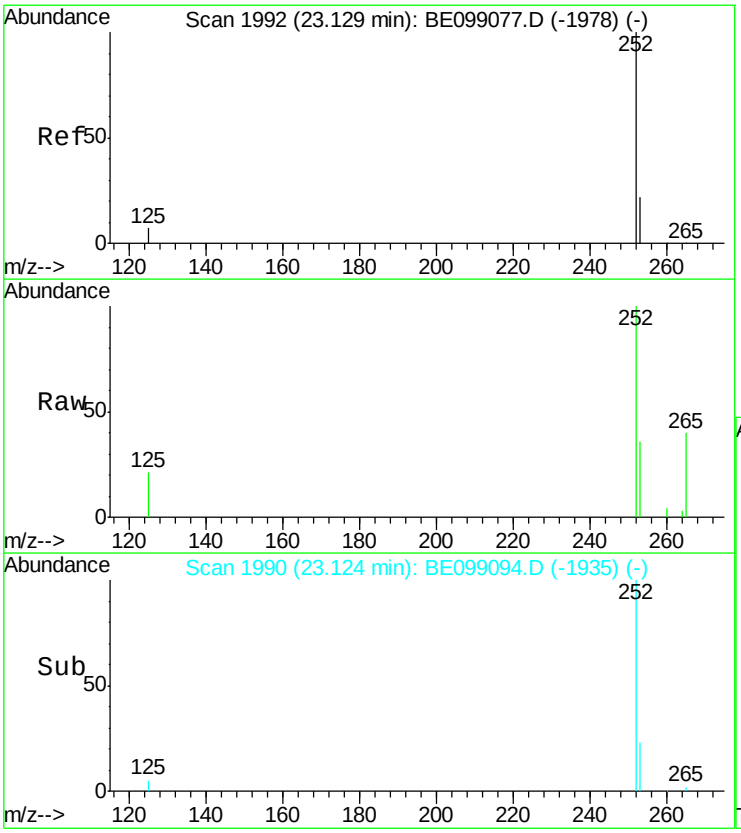
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:264 Resp: 38430

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	27.0	24.6	36.8

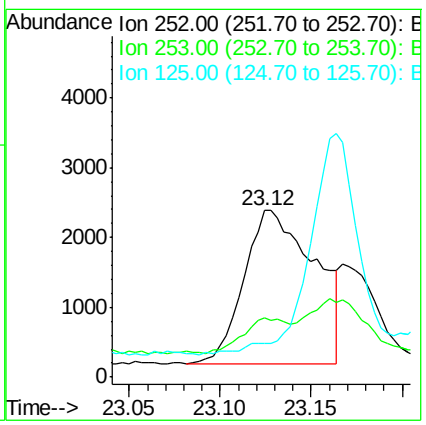


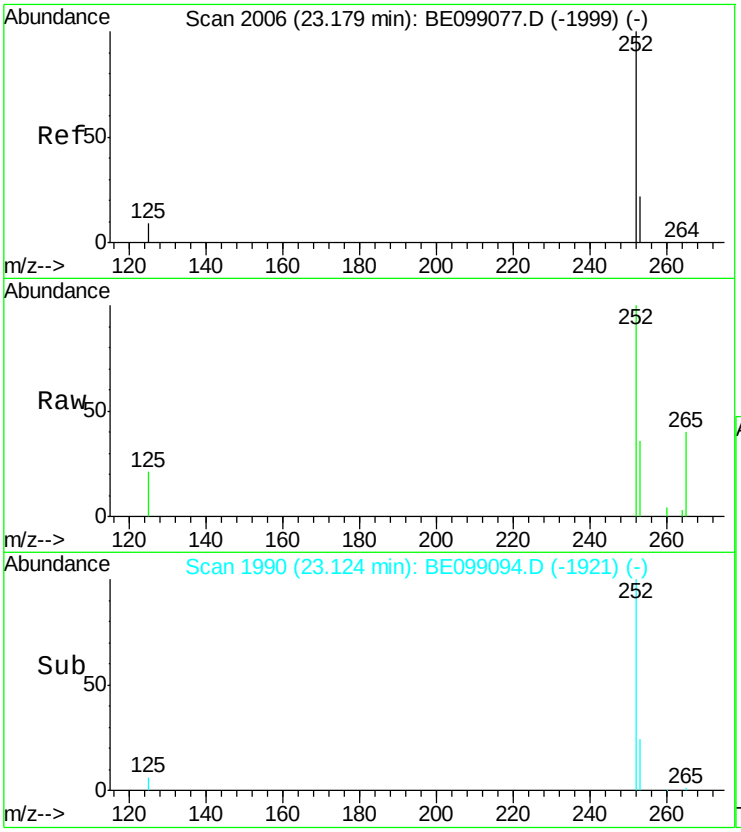


#35
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:252 Resp: 6019

Ion	Ratio	Lower	Upper
252	100		
253	35.7	18.2	27.2#
125	20.5	7.3	10.9#



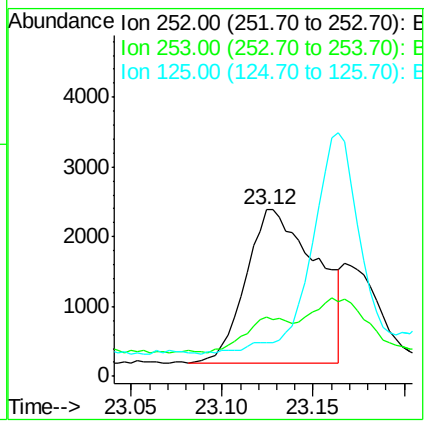


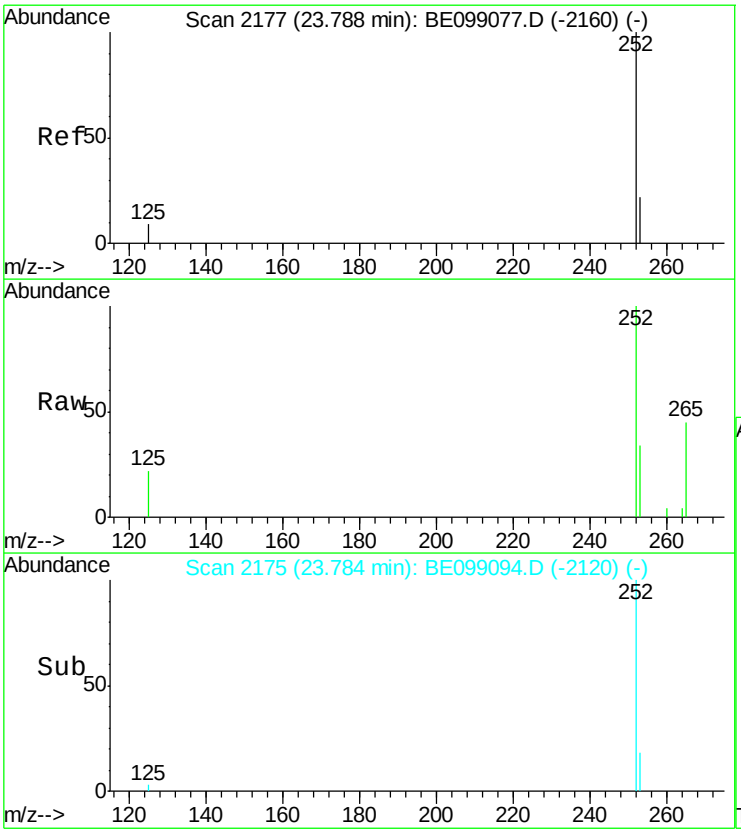
#36
Benzo(k)fluoranthene
Concen: 0.046 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.05 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:252 Resp: 6019

Ion	Ratio	Lower	Upper
252	100		
253	35.7	19.3	28.9#
125	20.5	7.5	11.3#

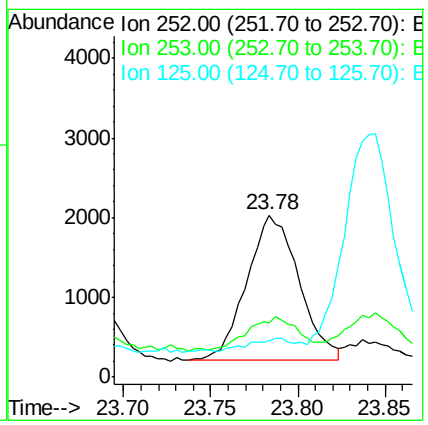


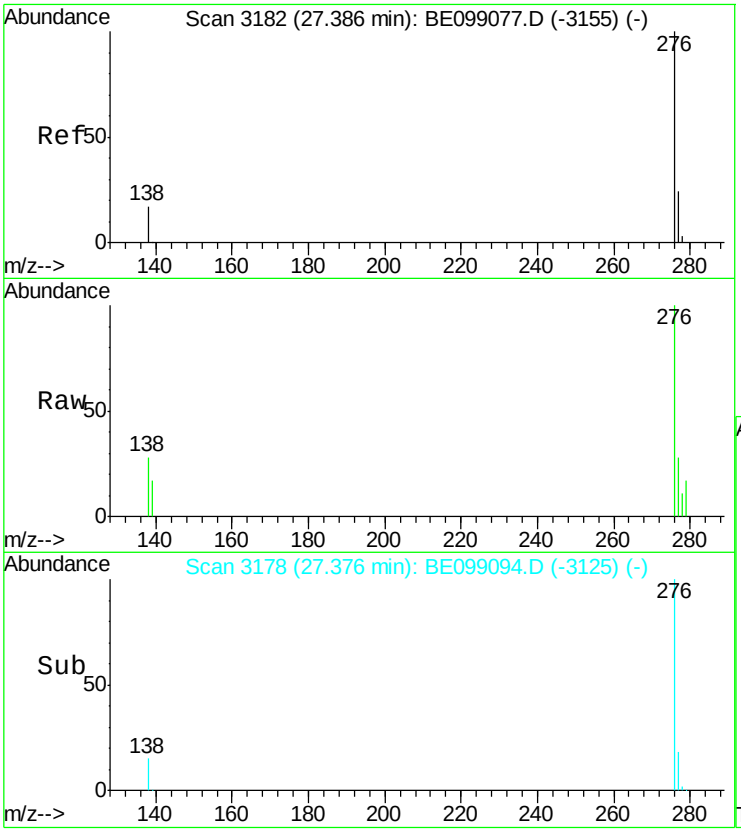


#37
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Tgt Ion:252 Resp: 3765

Ion	Ratio	Lower	Upper
252	100		
253	33.8	19.9	29.9#
125	22.3	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 27.38 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099094.D
Acq: 22 Mar 2019 23:55

Instrument :
BNA_E
ClientSampleId :
PST-025-B128-031319

Tgt Ion:276 Resp: 2939

Ion	Ratio	Lower	Upper
276	100		
277	28.1	20.4	30.6
138	27.9	13.6	20.4#