Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099118.D
Acq On : 23 Mar 2019 18:53
Operator : JU/SJ
Sample : K2014-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW043-031919

Quant Time: Mar 23 22:37:07 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	3375	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13781	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9312	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	27197	0.40	ng		0.00
27) Chrysene-d12	21.39	240	39964	0.40	ng		0.00
34) Perylene-d12	23.89	264	43582	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4129	0.41	ng		0.00
5) Phenol-d6	6.99	99	5994	0.41	ng		0.00
8) Nitrobenzene-d5	8.99	82	4019	0.67	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8459	0.34	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1641	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	13091	0.35	ng		-0.01
25) Fluoranthene-d10	19.24	212	133486	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	25420	0.30	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.70	42	131	0.048	ng	#	1
22) Pentachlorophenol	16.85	266	65	0.263	ng		93
23) Phenanthrene	17.26	178	4464	0.055	ng		95
26) Fluoranthene	19.27	202	9406	0.083	ng	#	93
28) Pyrene	19.63	202	10342	0.076	ng		97
30) Benzo(a)anthracene	21.37	228	5440	0.039	ng	#	90
31) Chrysene	21.43	228	6572	0.047	ng	#	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	25335	0.139	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	3848	0.025	ng	#	86
35) Benzo(b)fluoranthene	23.13	252	8159	0.054	ng	#	70
36) Benzo(k)fluoranthene	23.13	252	8159	0.055	ng	#	73
37) Benzo(a)pyrene	23.78	252	5550	0.040	ng	#	77
39) Benzo(g,h,i)perylene	27.37	276	3952	0.028	ng	#	89

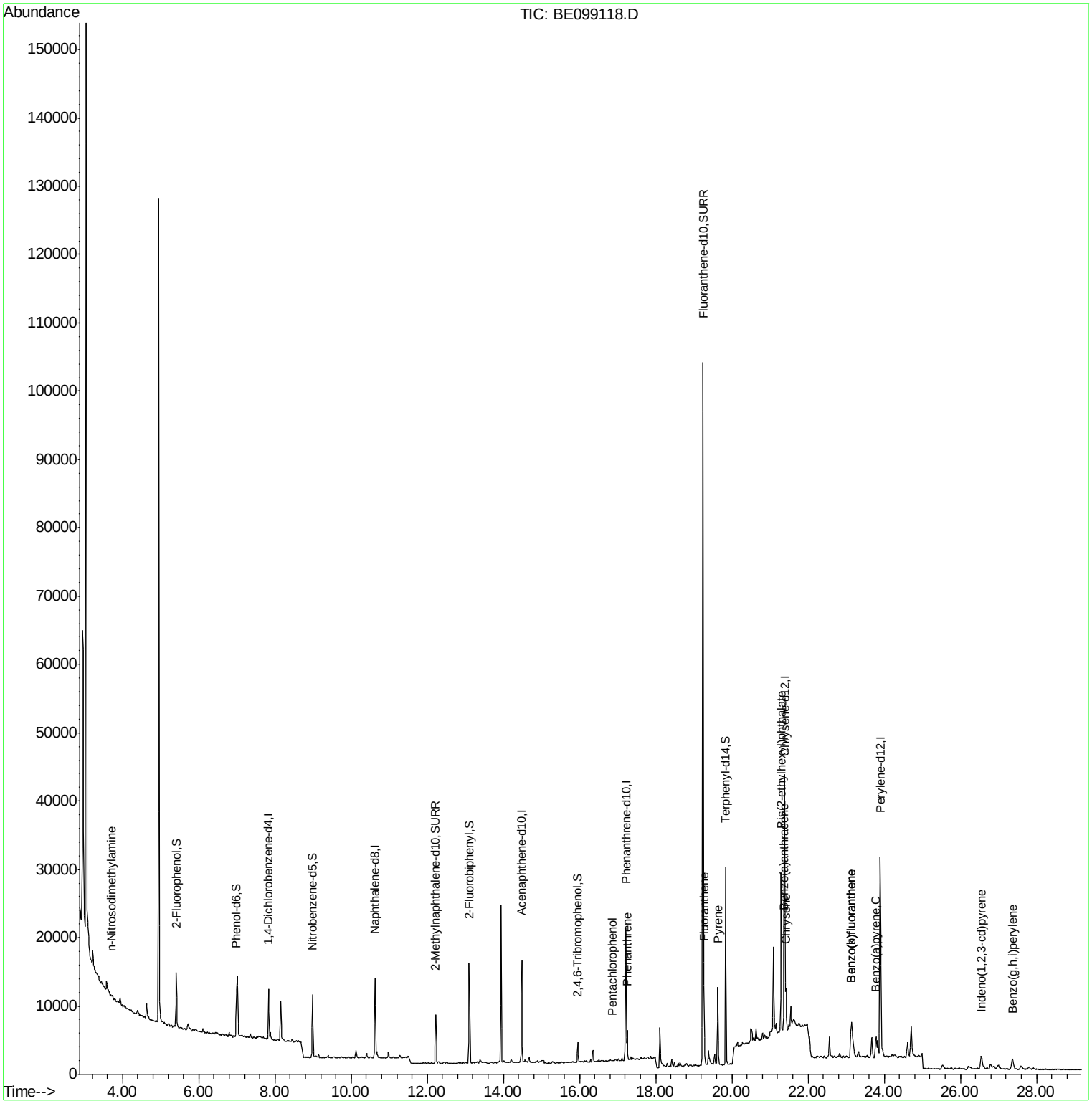
(#) = qualifier out of range (m) = manual integration (+) = signals summed

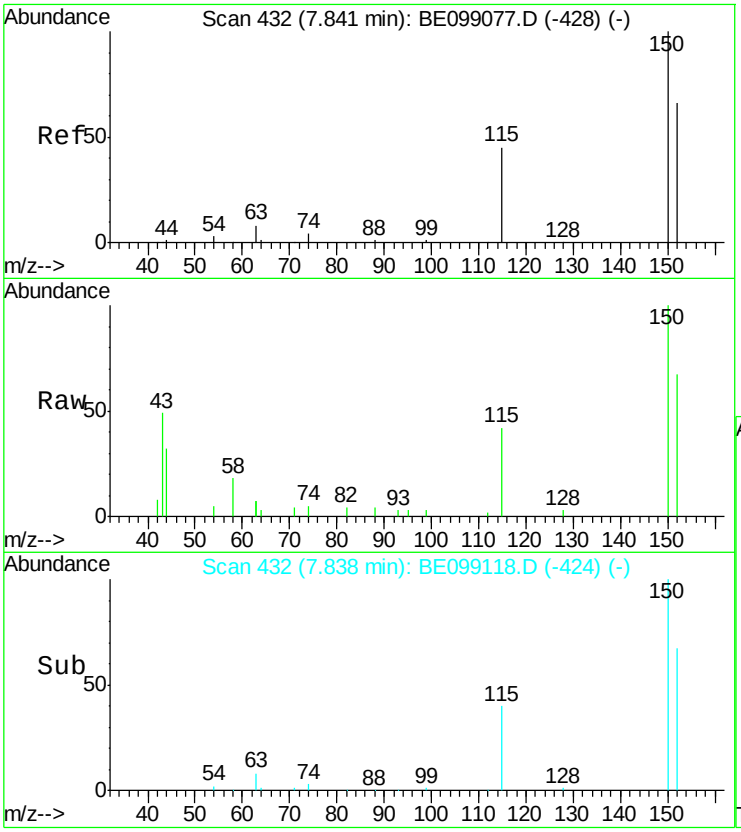
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099118.D
Acq On : 23 Mar 2019 18:53
Operator : JU/SJ
Sample : K2014-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Quant Time: Mar 23 22:37:07 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



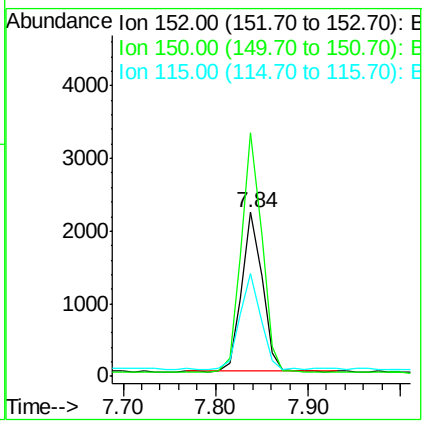


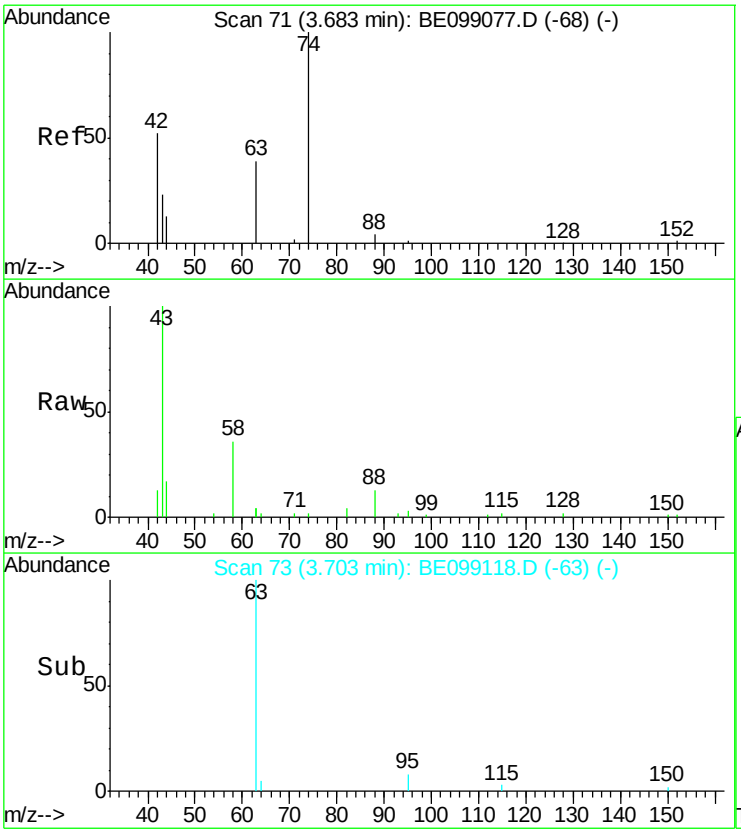
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:152 Resp: 3375

Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.5	183.7
115	62.8	57.4	86.2

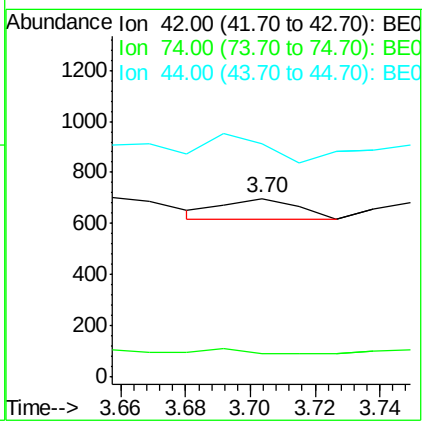


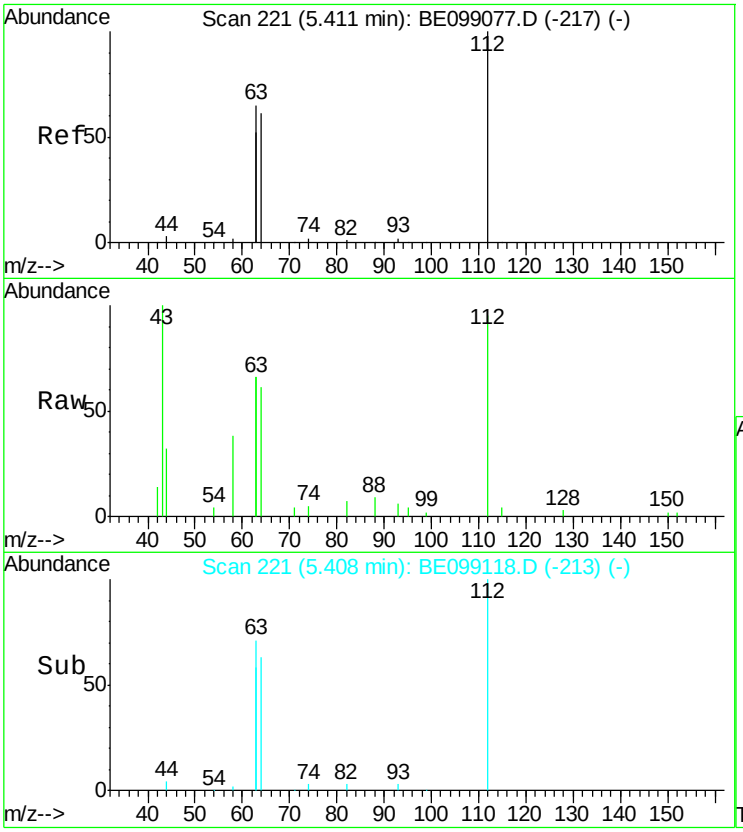


#3
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion: 42 Resp: 131

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	100.0	0.0	0.0#



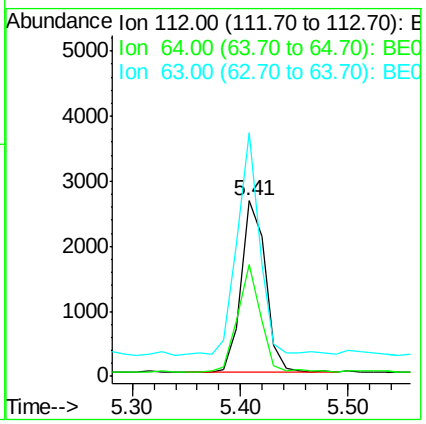


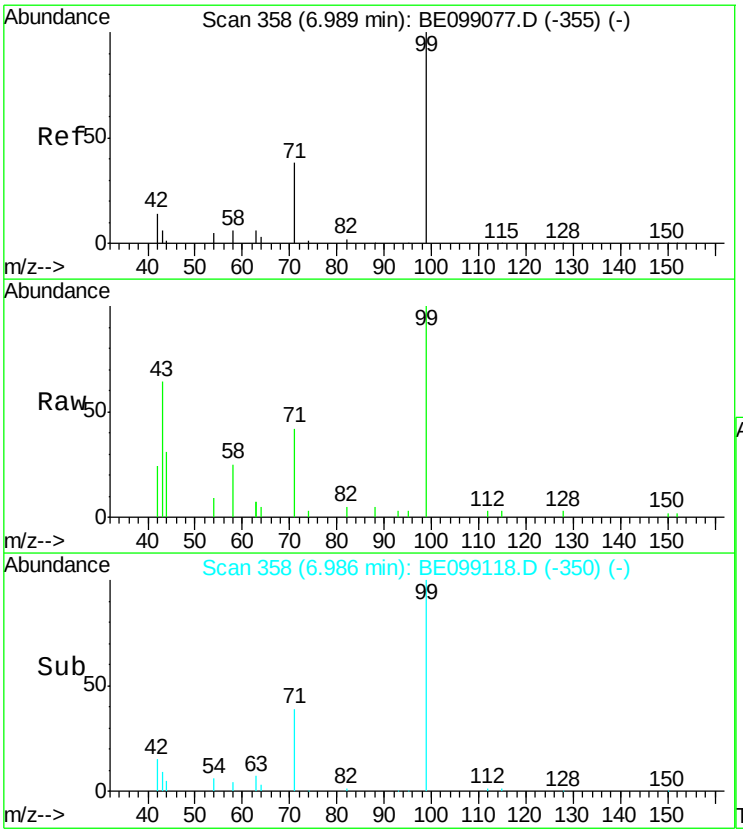
#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:112 Resp: 4129

Ion	Ratio	Lower	Upper
112	100		
64	58.5	57.9	86.9
63	118.8	158.3	237.5#

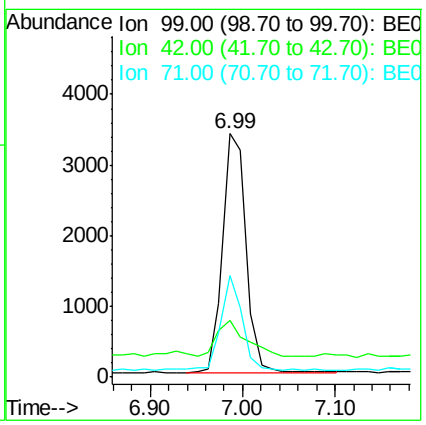


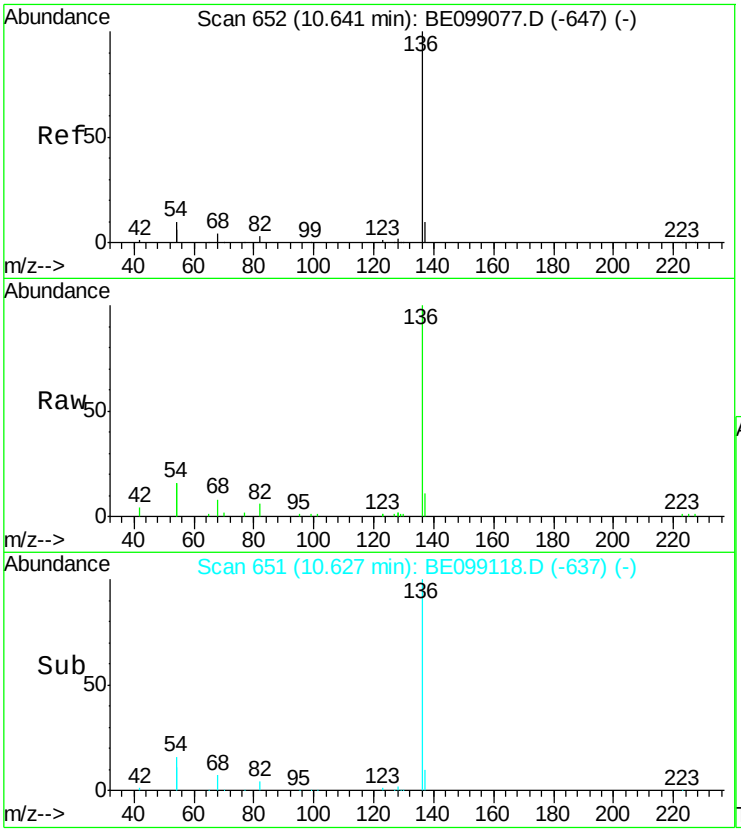


#5
Phenol-d6
Concen: 0.414 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion: 99 Resp: 5994

Ion	Ratio	Lower	Upper
99	100		
42	17.9	24.2	36.2#
71	36.6	35.7	53.5



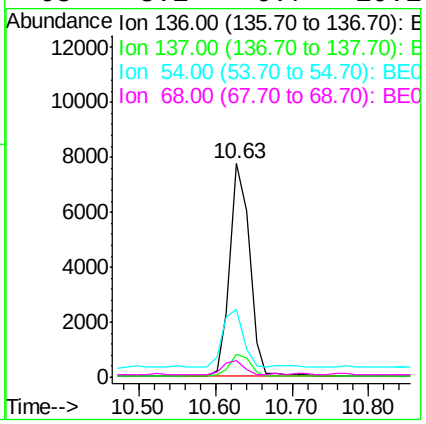


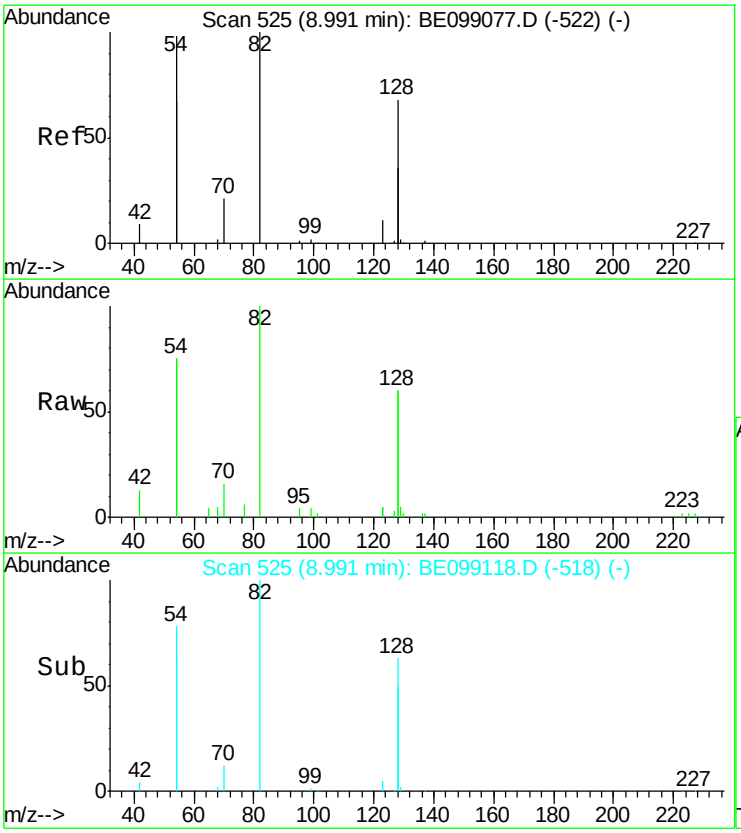
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:136 Resp: 13781

Ion	Ratio	Lower	Upper
136	100		
137	10.8	11.4	17.0#
54	31.8	39.3	58.9#
68	8.1	6.7	10.1

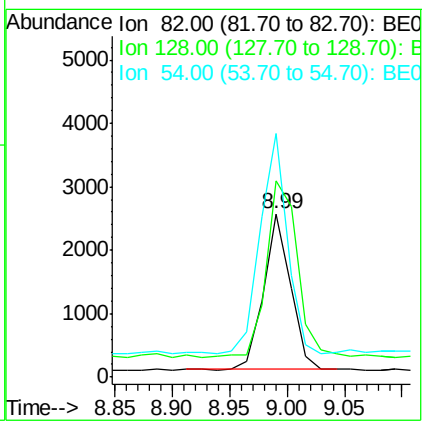


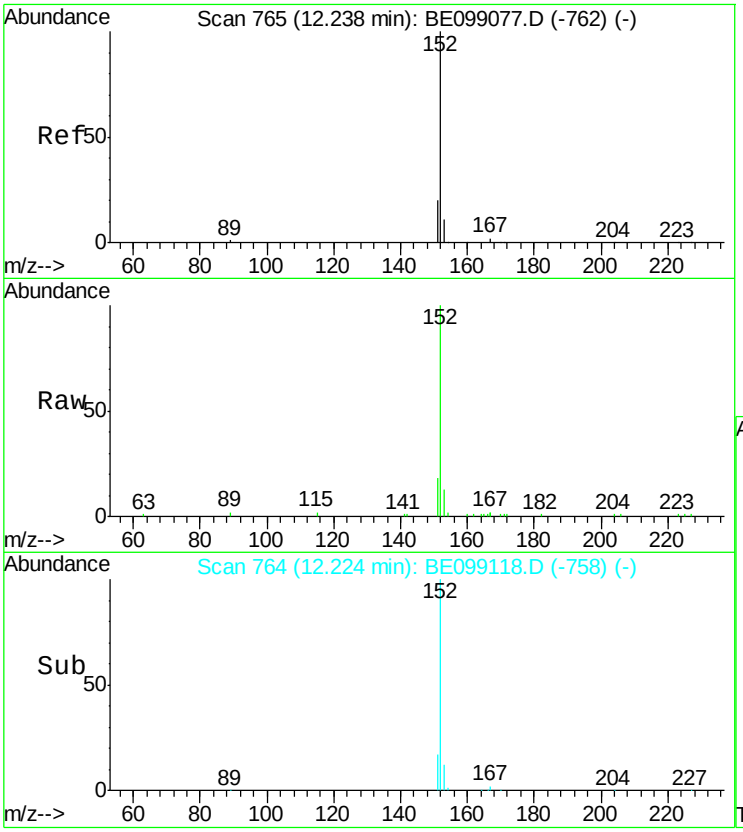


#8
Nitrobenzene-d5
Concen: 0.667 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion: 82 Resp: 4019

Ion	Ratio	Lower	Upper
82	100		
128	120.7	123.8	185.8#
54	149.4	203.4	305.2#



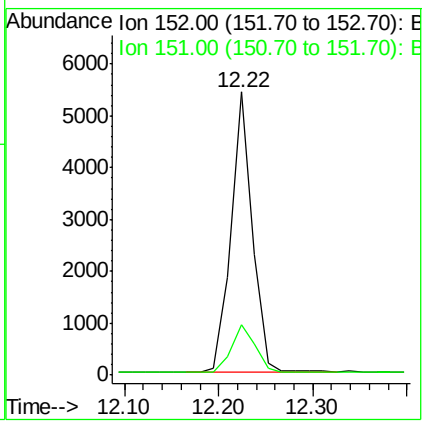


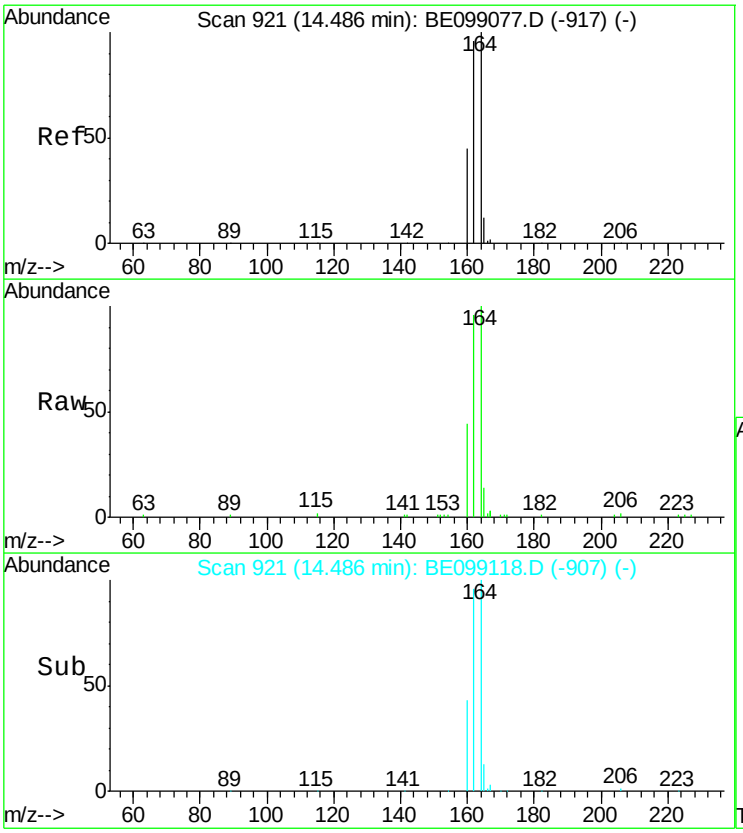
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:152 Resp: 8459

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7

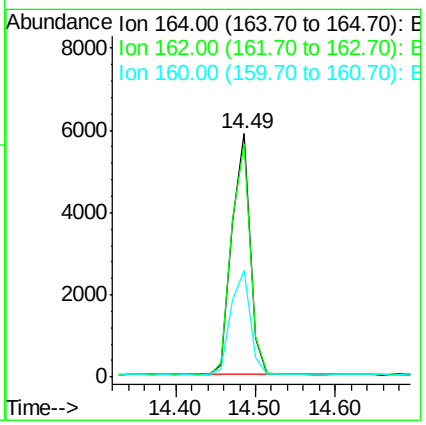


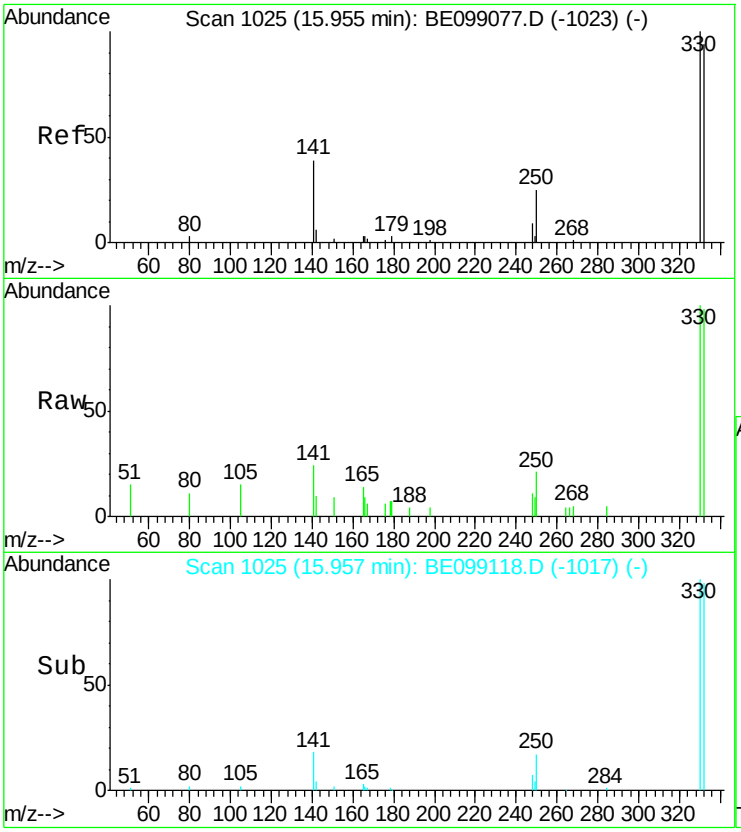


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:164 Resp: 9312

Ion	Ratio	Lower	Upper
164	100		
162	95.6	80.2	120.2
160	43.9	37.8	56.8



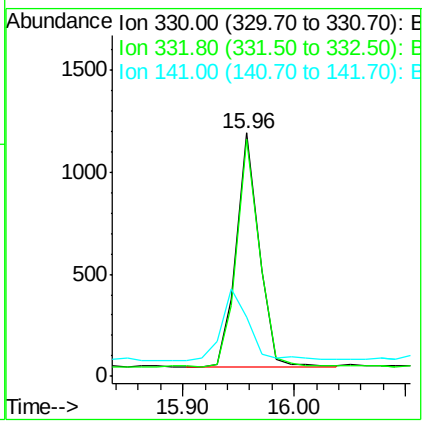


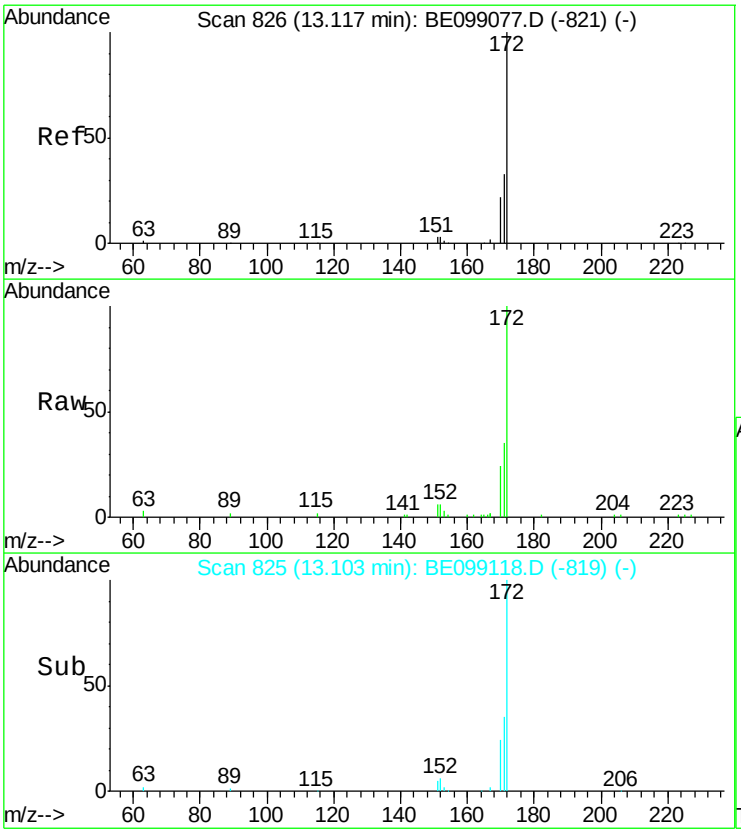
#14
2,4,6-Tribromophenol
Concen: 0.599 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:330 Resp: 1641

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	37.4	31.0	46.4

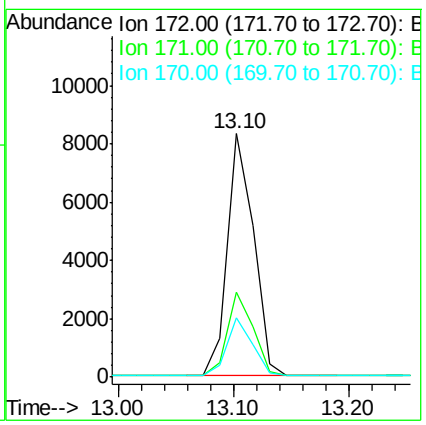


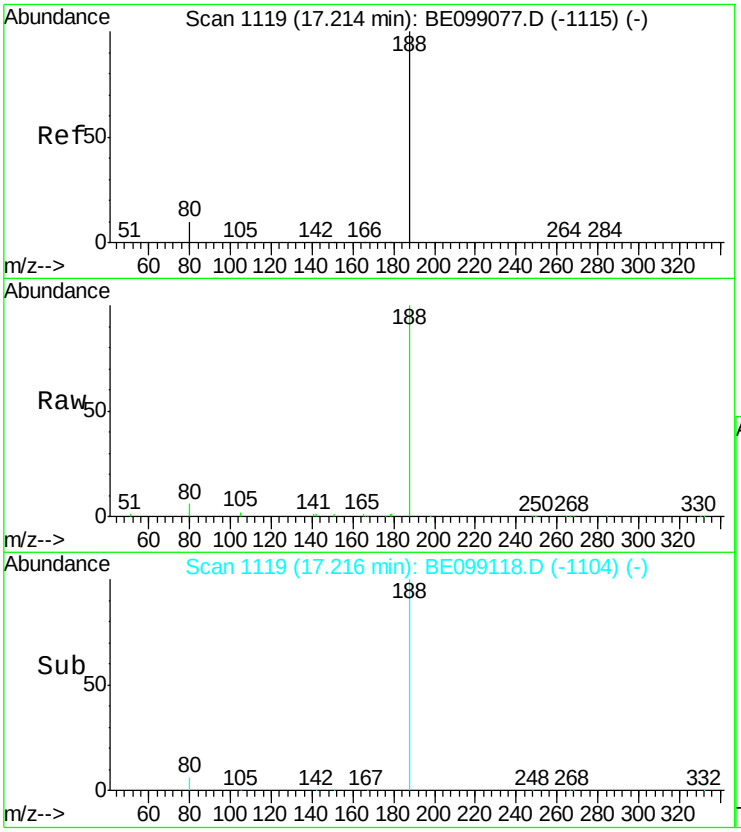


#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:172 Resp: 13091

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	24.2	17.7	26.5



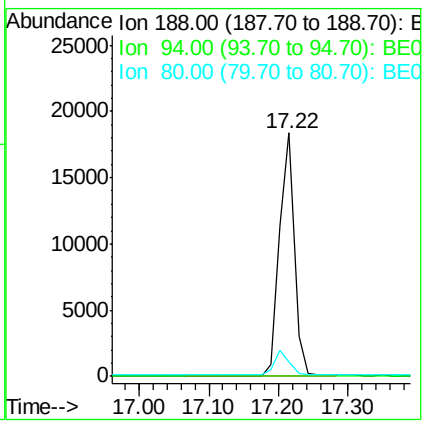


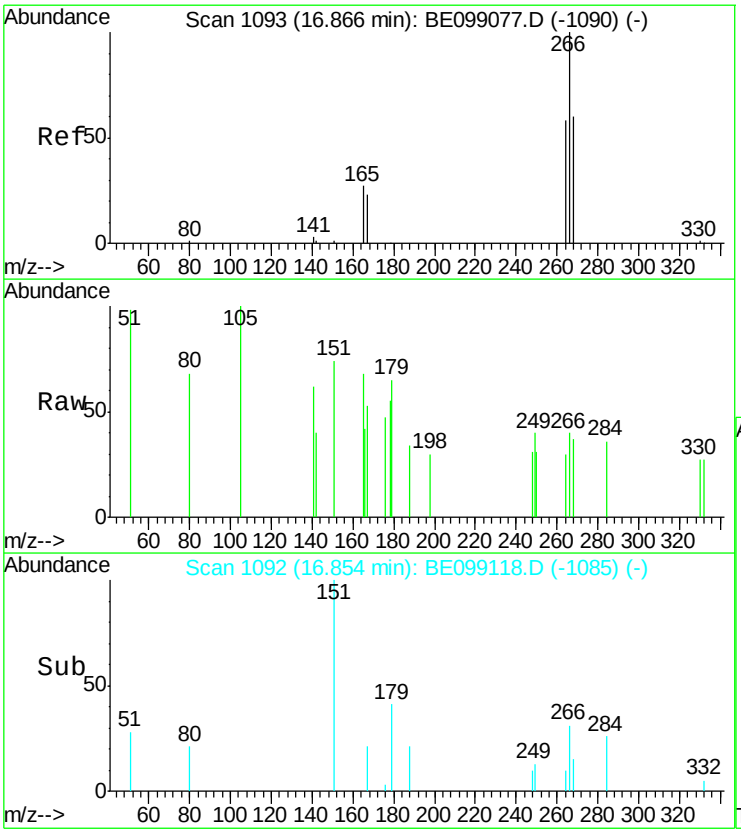
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:188 Resp: 27197

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	6.3	9.5#

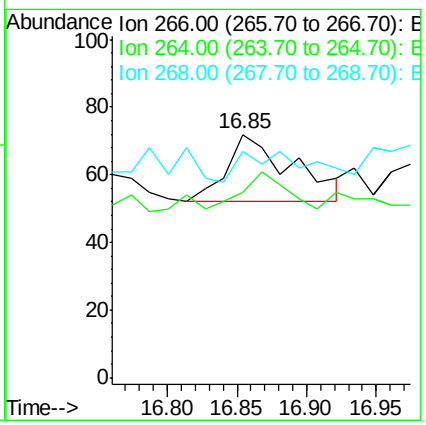


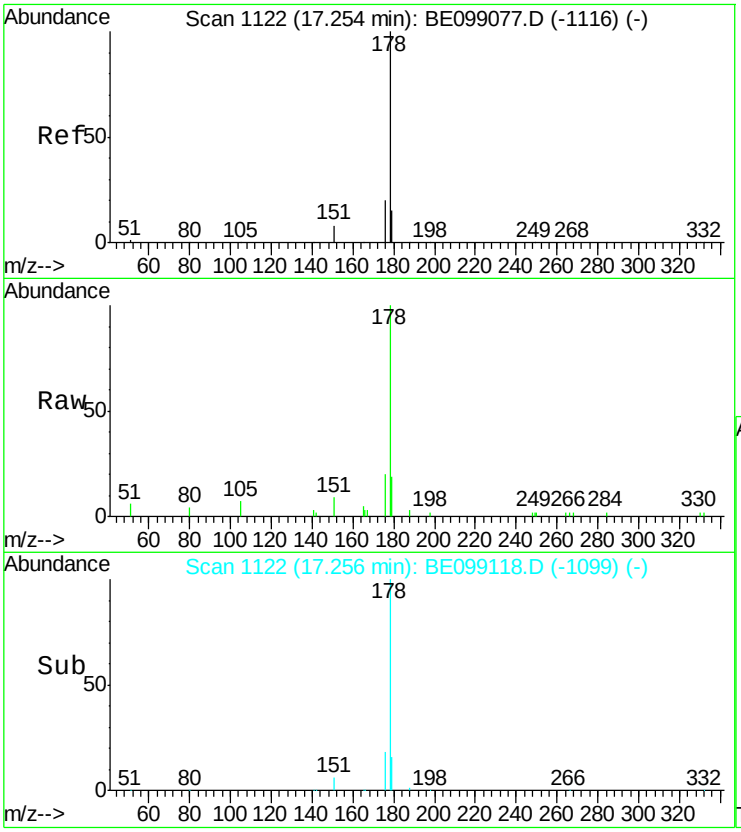


#22
Pentachlorophenol
Concen: 0.263 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
264	76.4	66.6	100.0
268	93.1	69.8	104.8



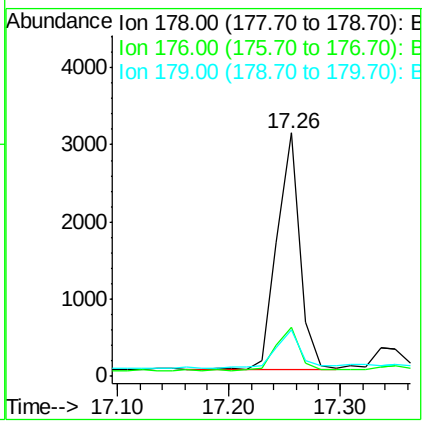


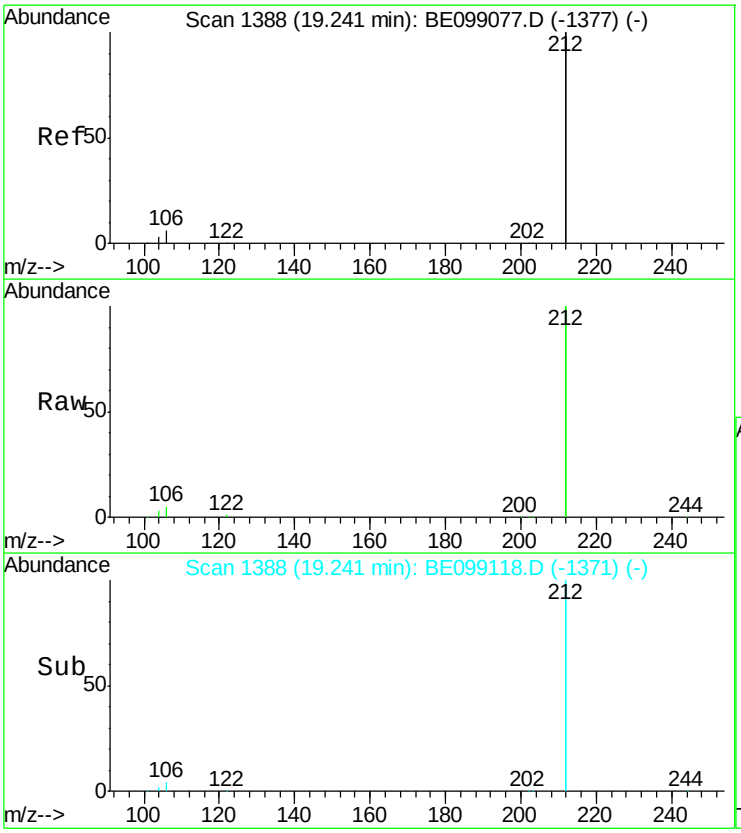
#23
Phenanthrene
Concen: 0.055 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:178 Resp: 4464

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.0	24.0
179	18.1	12.1	18.1

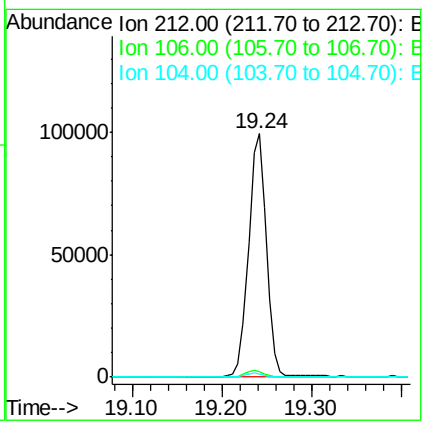


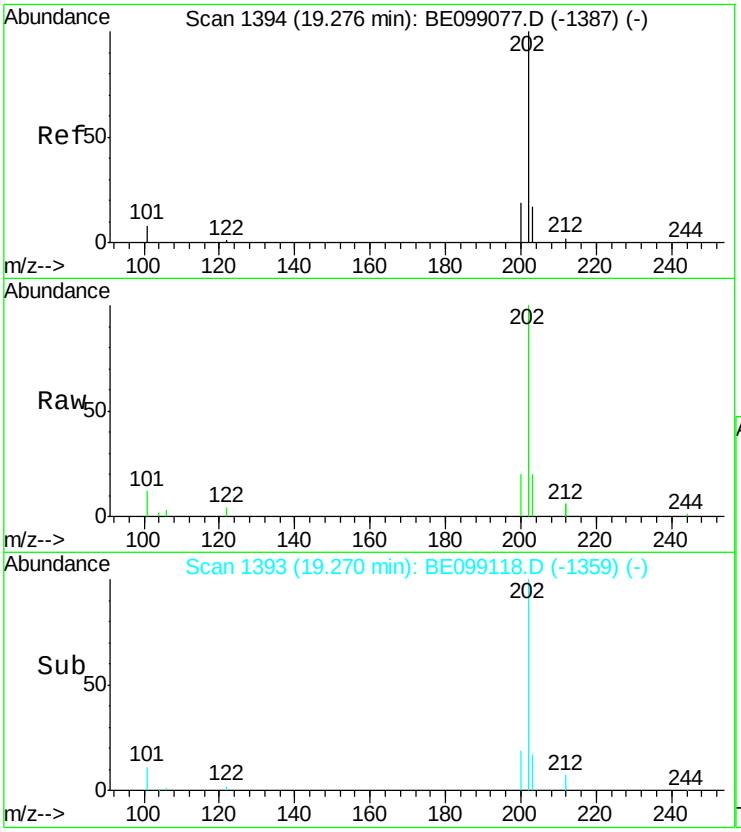


#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:212 Resp: 133486

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



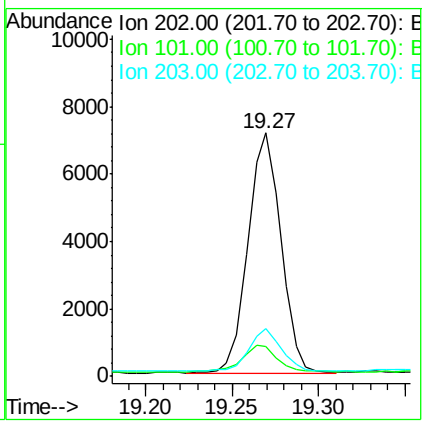


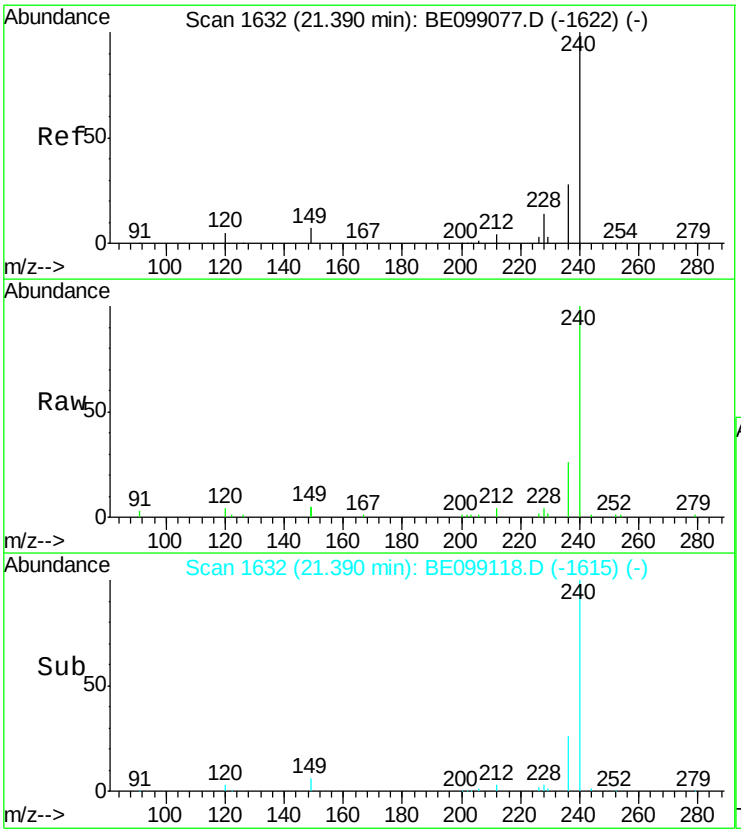
#26
Fluoranthene
Concen: 0.083 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:202 Resp: 9406

Ion	Ratio	Lower	Upper
202	100		
101	13.9	7.3	10.9#
203	18.2	13.4	20.2

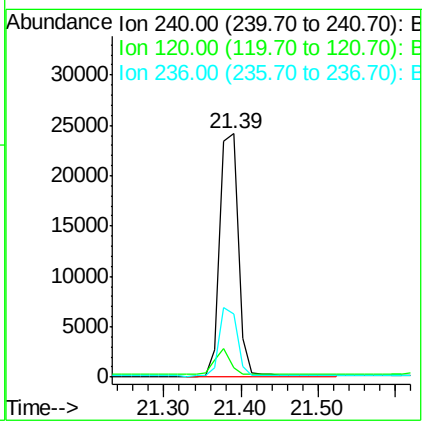


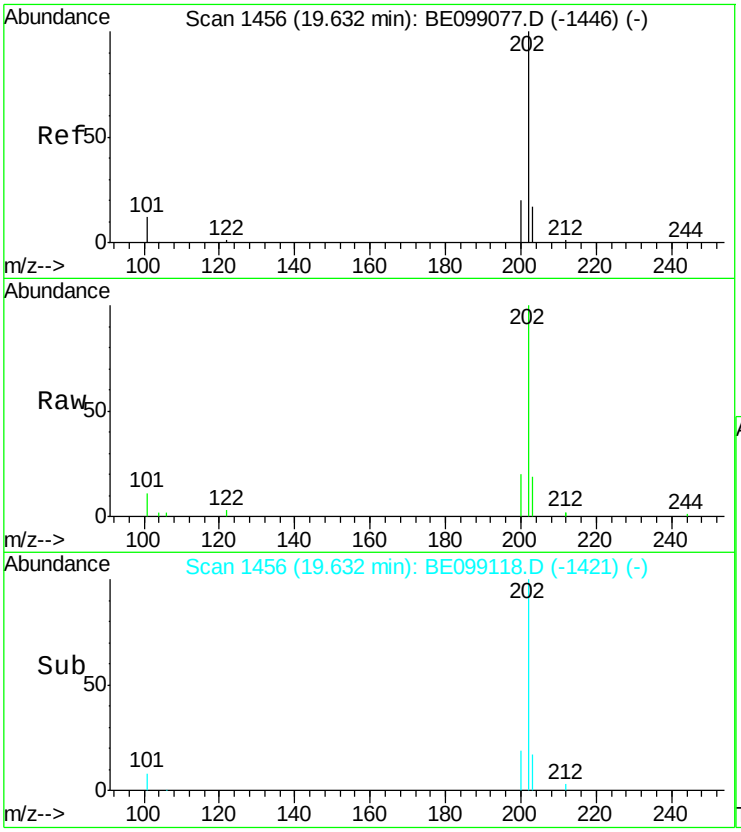


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:240 Resp: 39964

Ion	Ratio	Lower	Upper
240	100		
120	3.8	5.0	7.4#
236	26.1	22.7	34.1



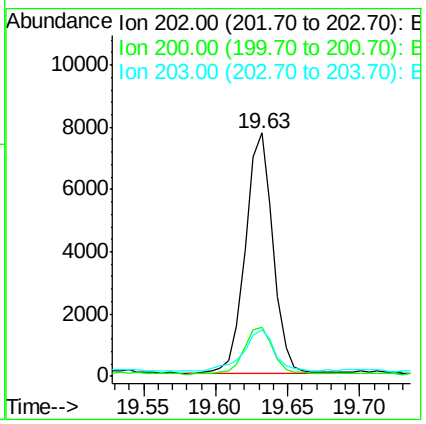


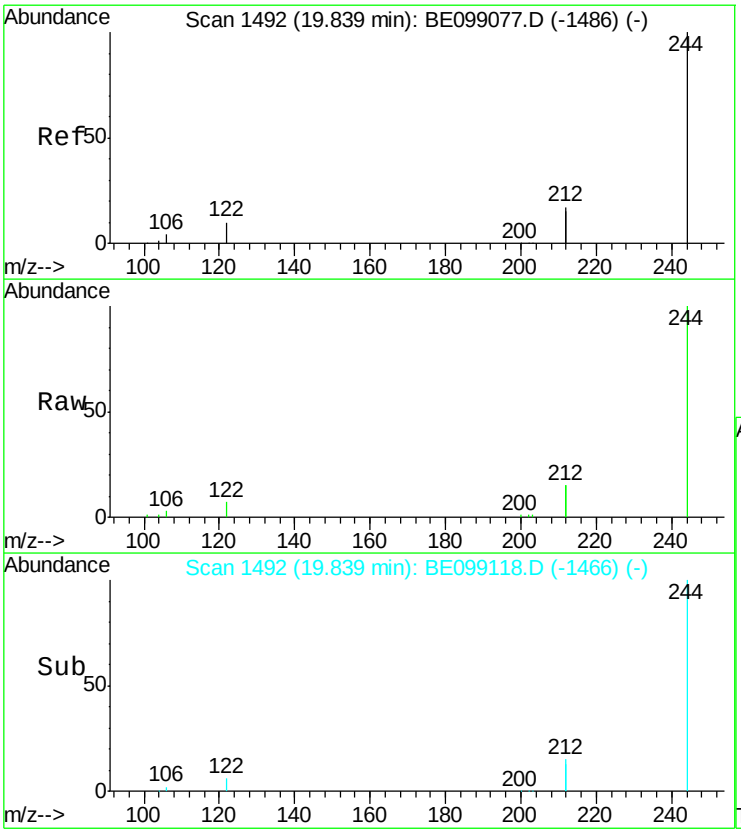
#28
Pyrene
Concen: 0.076 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:202 Resp: 10342

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	19.5	14.2	21.2

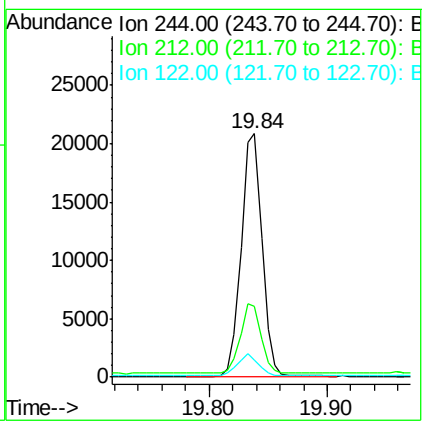


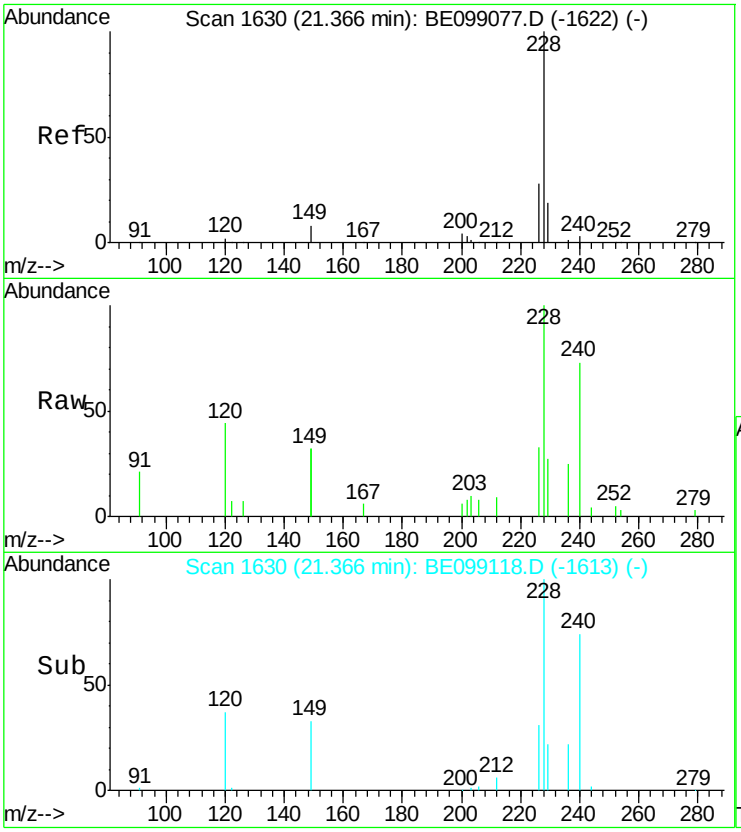


#29
Terphenyl-d14
Concen: 0.301 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:244 Resp: 25420

Ion	Ratio	Lower	Upper
244	100		
212	29.2	29.4	44.2#
122	7.0	7.1	10.7#



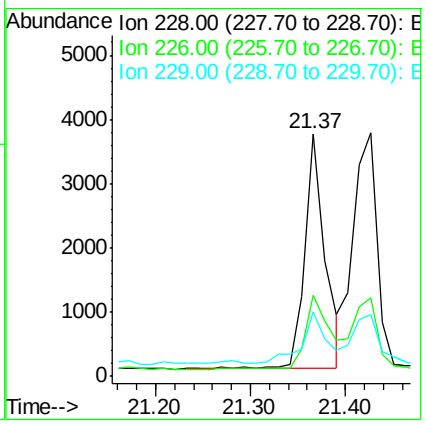


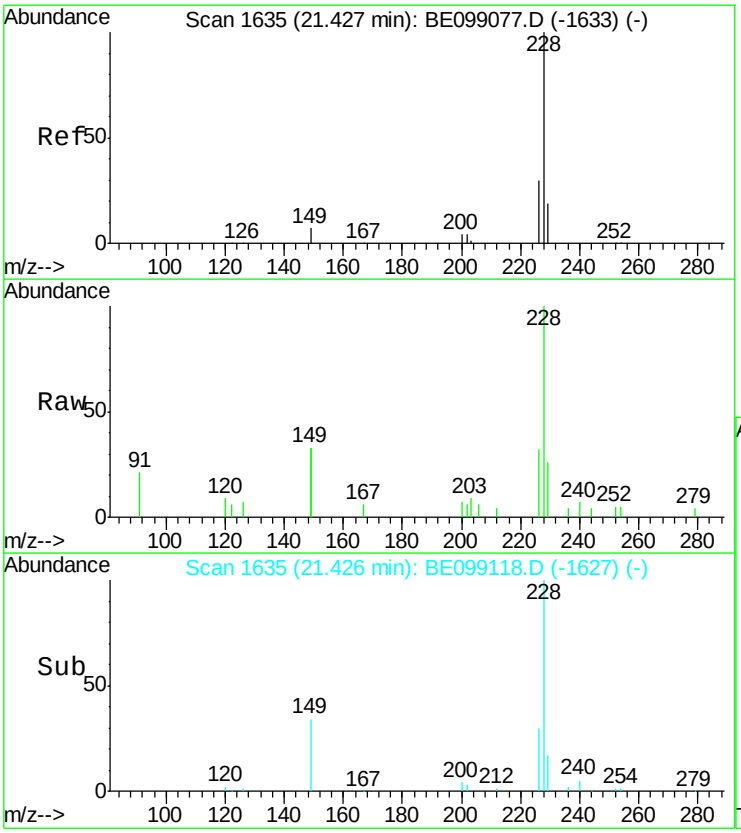
#30
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:228 Resp: 5440

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.0	34.4
229	26.5	16.5	24.7#

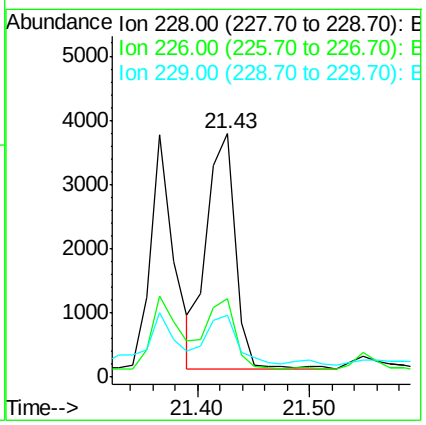


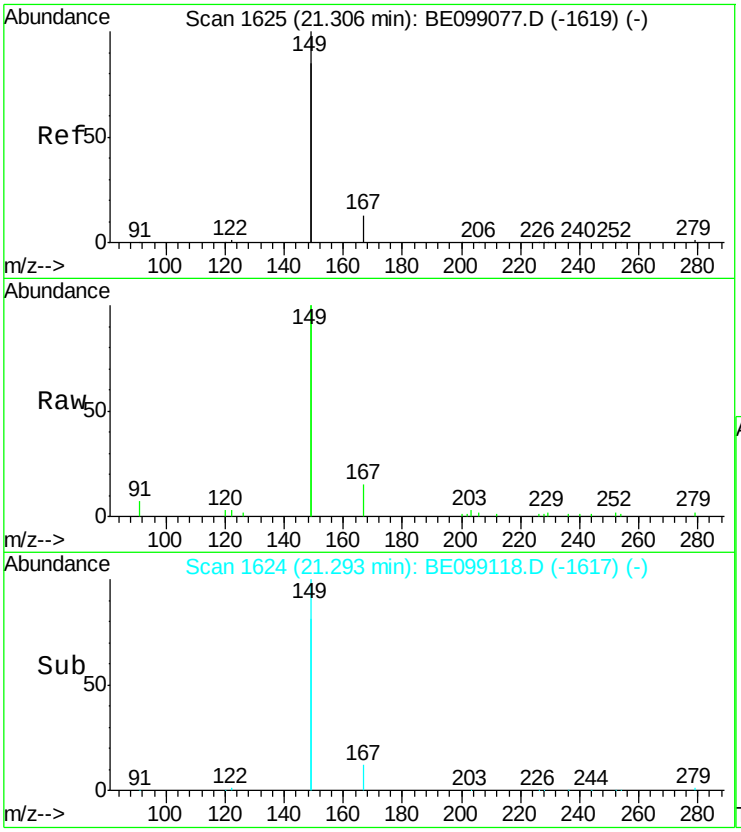


#31
Chrysene
Concen: 0.047 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:228 Resp: 6572

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.7	35.5
229	25.5	16.1	24.1#



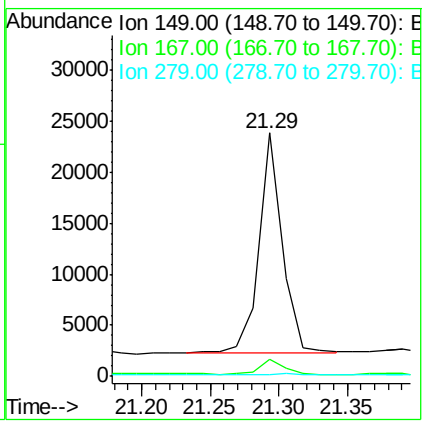


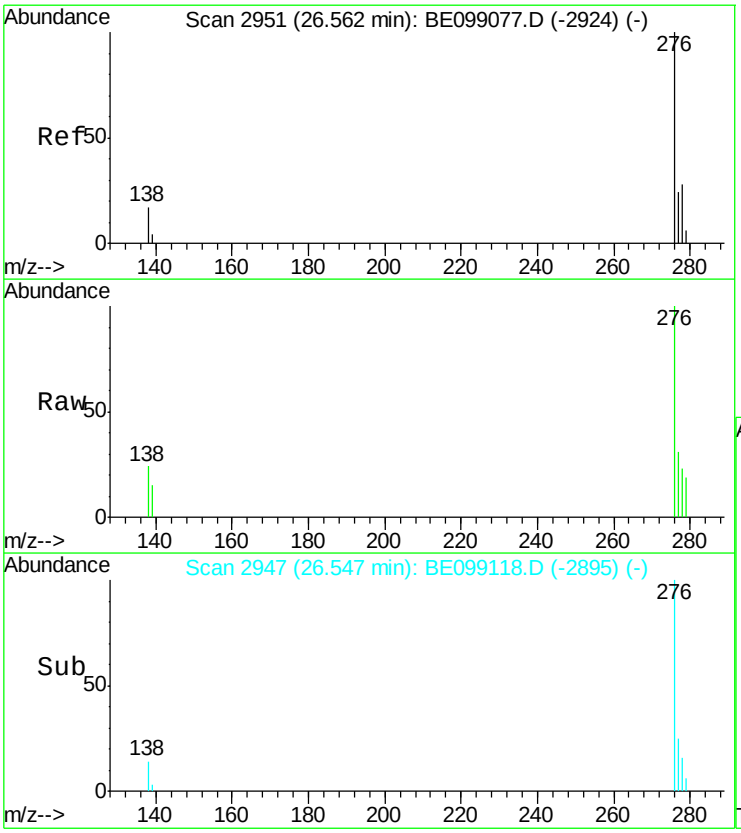
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:149 Resp: 25335

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	1.3	1.0	1.4

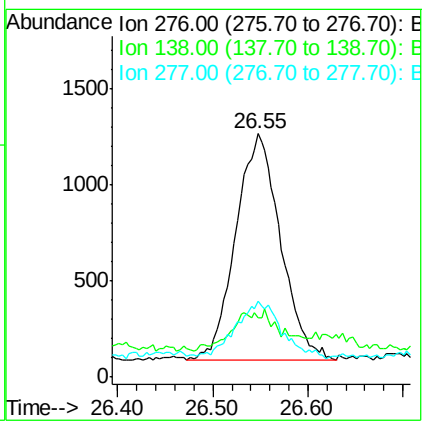


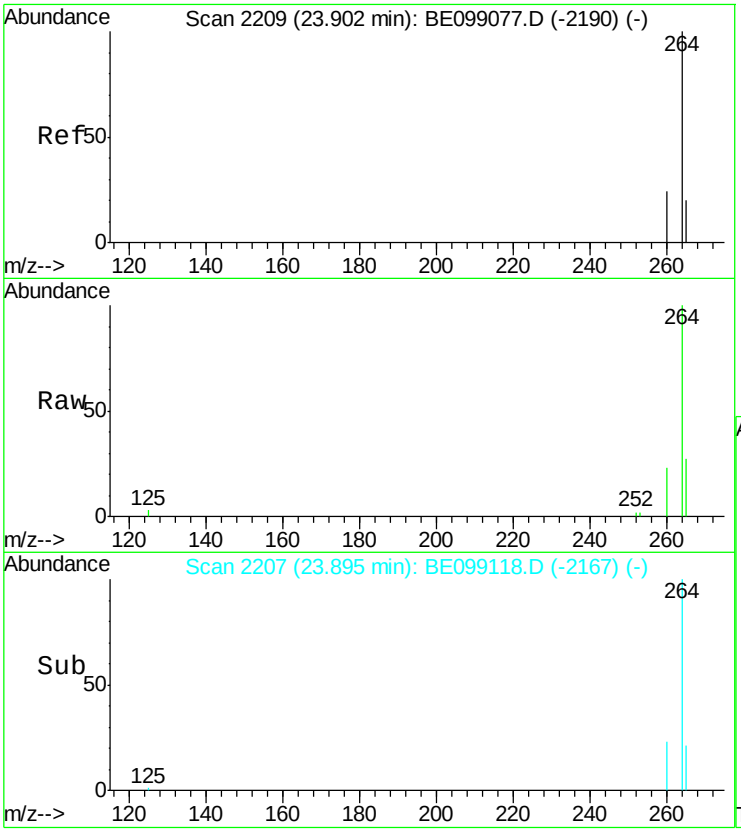


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:276 Resp: 3848

Ion	Ratio	Lower	Upper
276	100		
138	6.0	13.8	20.8#
277	26.8	19.5	29.3



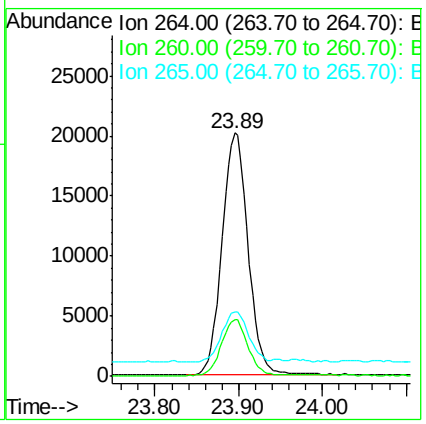


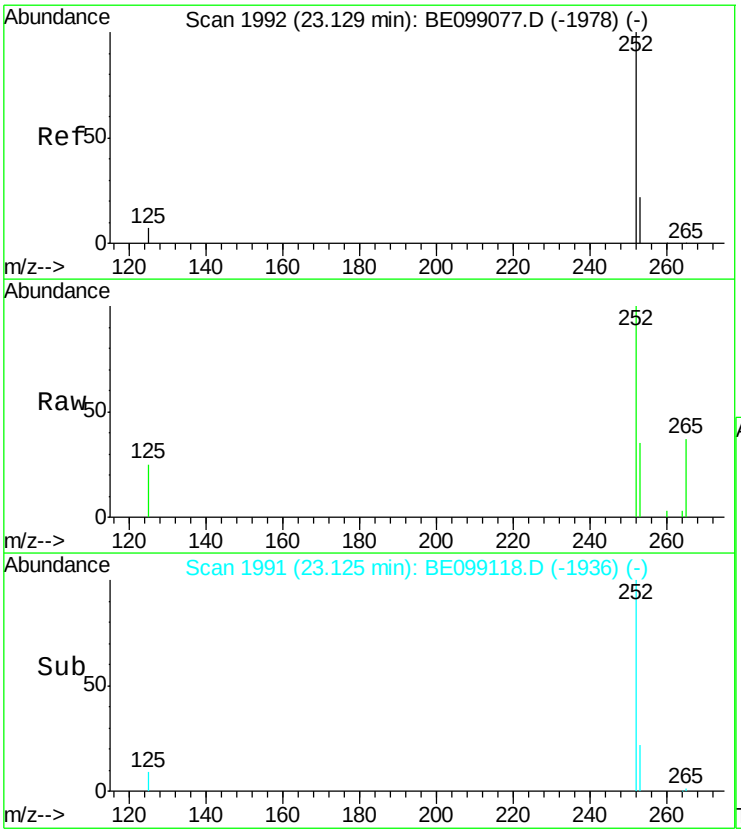
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:264 Resp: 43582

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.2	31.8
265	26.7	24.6	36.8

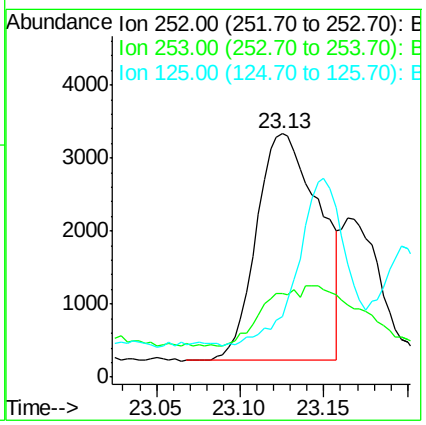


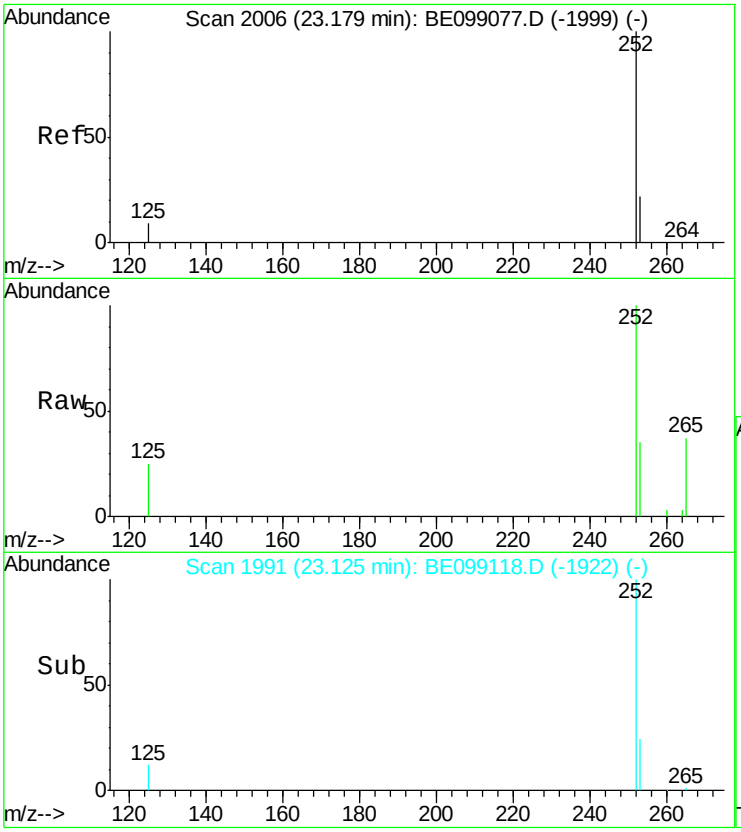


#35
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:252 Resp: 8159

Ion	Ratio	Lower	Upper
252	100		
253	34.6	18.2	27.2#
125	24.9	7.3	10.9#



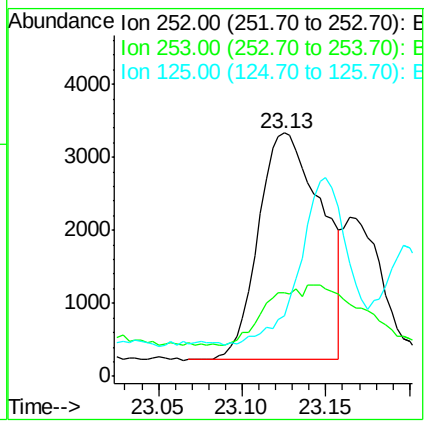


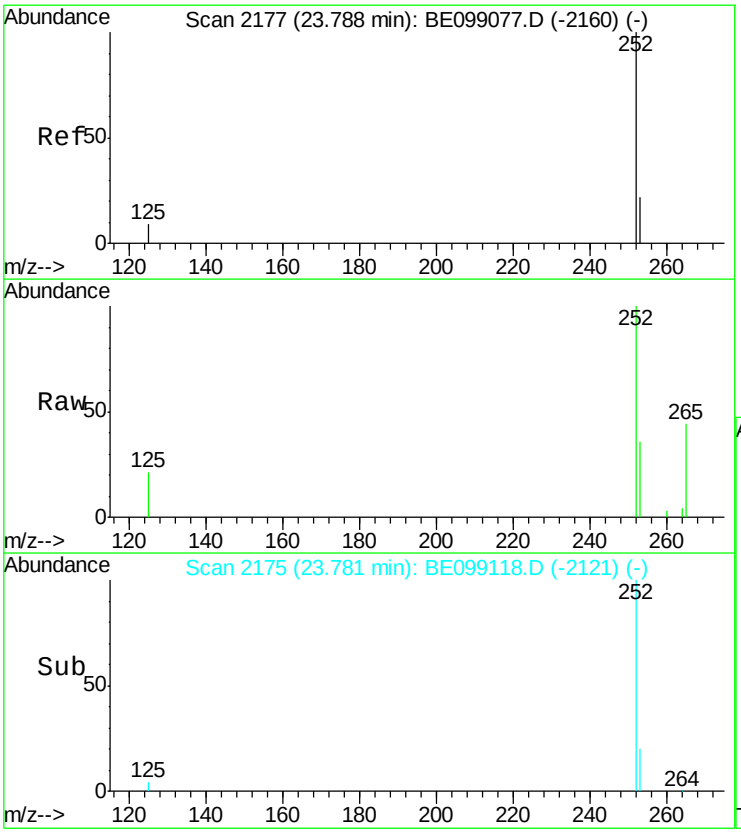
#36
Benzo(k)fluoranthene
Concen: 0.055 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:252 Resp: 8159

Ion	Ratio	Lower	Upper
252	100		
253	34.6	19.3	28.9#
125	24.9	7.5	11.3#

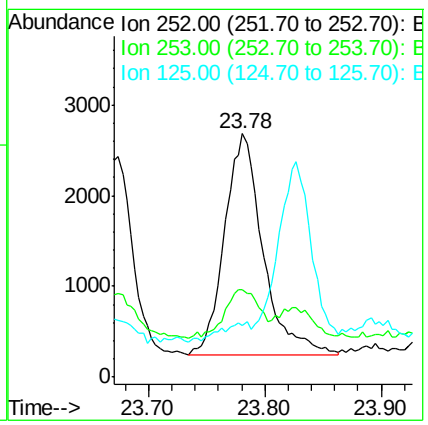


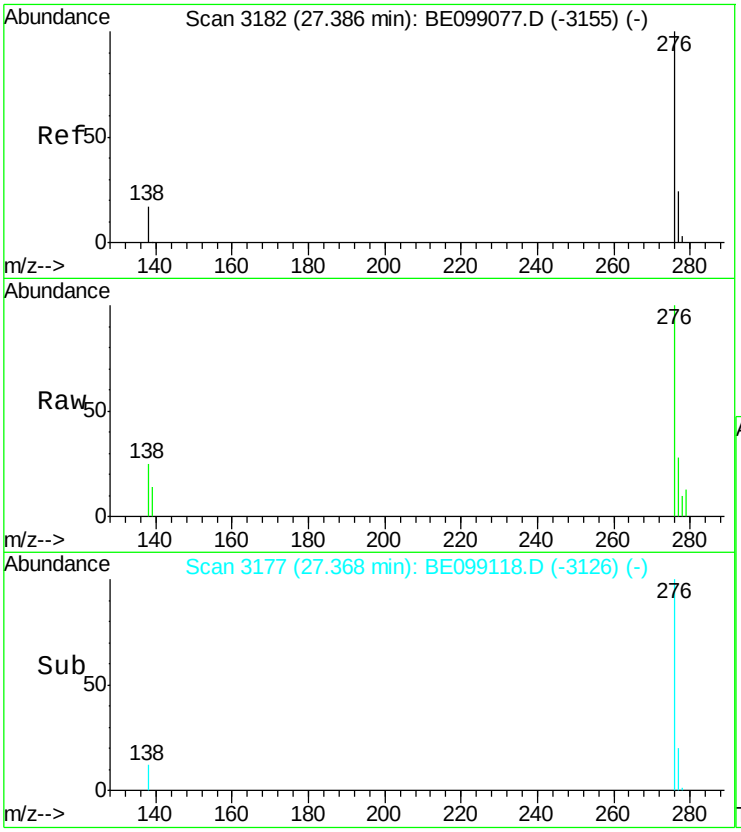


#37
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Tgt Ion:252 Resp: 5550

Ion	Ratio	Lower	Upper
252	100		
253	35.8	19.9	29.9#
125	21.4	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099118.D
Acq: 23 Mar 2019 18:53

Instrument :
BNA_E
ClientSampleId :
PST-026-SW043-031919

Tgt Ion:276 Resp: 3952

Ion	Ratio	Lower	Upper
276	100		
277	28.0	20.4	30.6
138	25.4	13.6	20.4#