Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099261.D
Acq On : 29 Mar 2019 19:00
Operator : JU/SJ
Sample : K1982-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-027-B110-032519

Quant Time: Mar 29 22:57:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3377	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	14001	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	10417	0.40	ng		-0.02
19) Phenanthrene-d10	17.20	188	31257	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	38979	0.40	ng		-0.01
34) Perylene-d12	23.89	264	38793	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	2356	0.23	ng		0.00
5) Phenol-d6	6.99	99	3568	0.23	ng		0.00
8) Nitrobenzene-d5	8.99	82	2861	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	6292	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1335	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	9052	0.21	ng		0.00
25) Fluoranthene-d10	19.23	212	86450	0.23	ng		-0.01
29) Terphenyl-d14	19.83	244	13724	0.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	244	0.055	ng	#	30
3) n-Nitrosodimethylamine	3.69	42	95	0.038	ng	#	1
9) Naphthalene	10.67	128	8726	0.053	ng	#	96
12) 2-Methylnaphthalene	12.29	142	1461	0.049	ng		97
16) Acenaphthylene	14.20	152	4352	0.082	ng		99
17) Acenaphthene	14.53	154	6659	0.210	ng		98
18) Fluorene	15.50	166	8607	0.193	ng	#	98
22) Pentachlorophenol	16.87	266	28	0.248	ng	#	79
23) Phenanthrene	17.24	178	201786	2.198	ng		100
24) Anthracene	17.34	178	38791	0.468	ng	#	91
26) Fluoranthene	19.26	202	370954	3.167	ng		98
28) Pyrene	19.62	202	331862	2.563	ng	#	95
30) Benzo(a)anthracene	21.35	228	210173	1.634	ng		98
31) Chrysene	21.35	228	200747	1.460	ng		96
32) Bis(2-ethylhexyl)phthalate	21.28	149	22957	0.150	ng		98
33) Indeno(1,2,3-cd)pyrene	26.53	276	80986	0.623	ng	#	96
35) Benzo(b)fluoranthene	23.12	252	197190	1.545	ng	#	96
36) Benzo(k)fluoranthene	23.12	252	197309	1.462	ng	#	96
37) Benzo(a)pyrene	23.77	252	147533	1.238	ng		98
38) Dibenzo(a,h)anthracene	26.55	278	23288	0.220	ng	#	88
39) Benzo(g,h,i)perylene	27.35	276	73708	0.694	ng		98

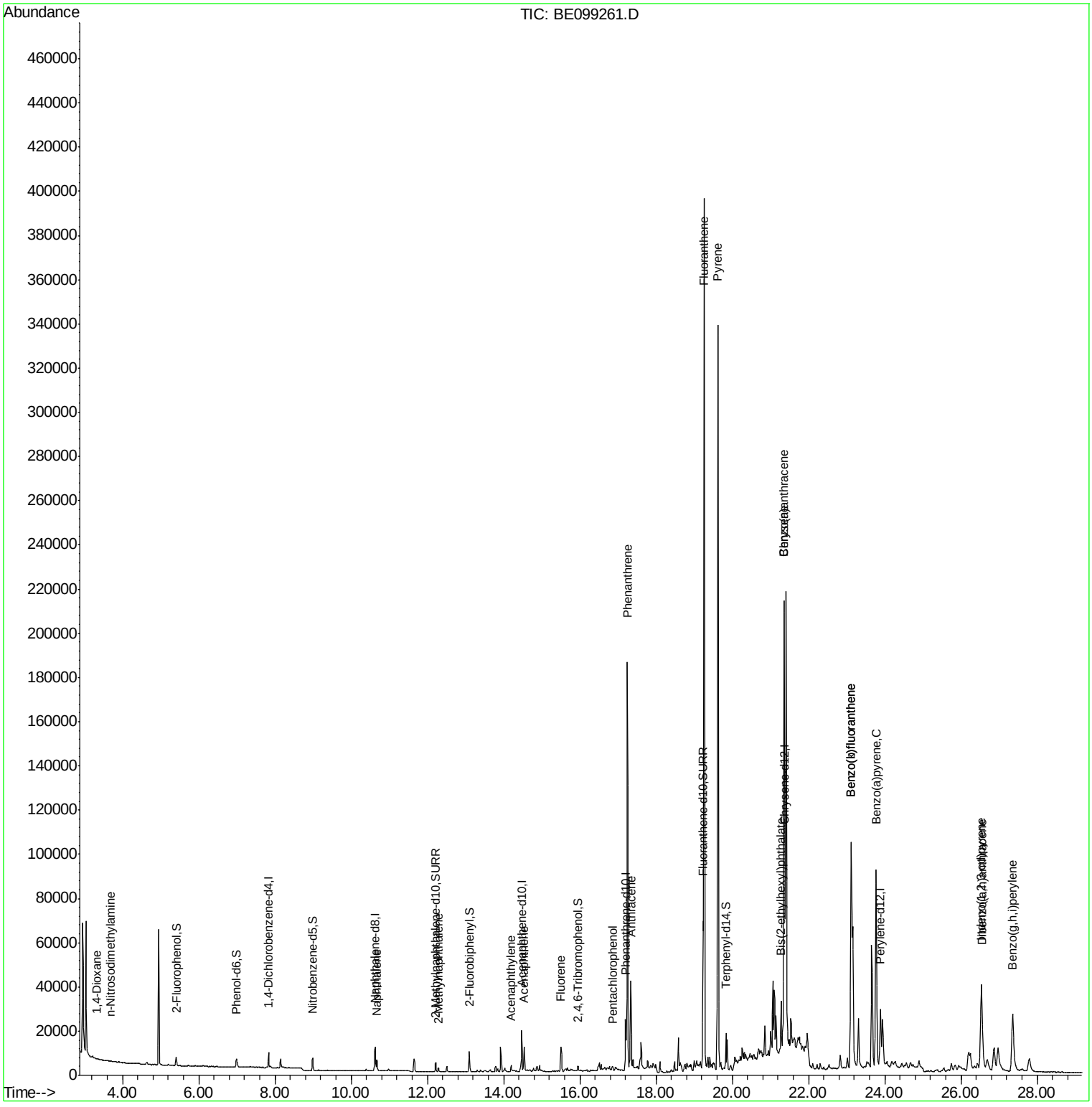
(#) = qualifier out of range (m) = manual integration (+) = signals summed

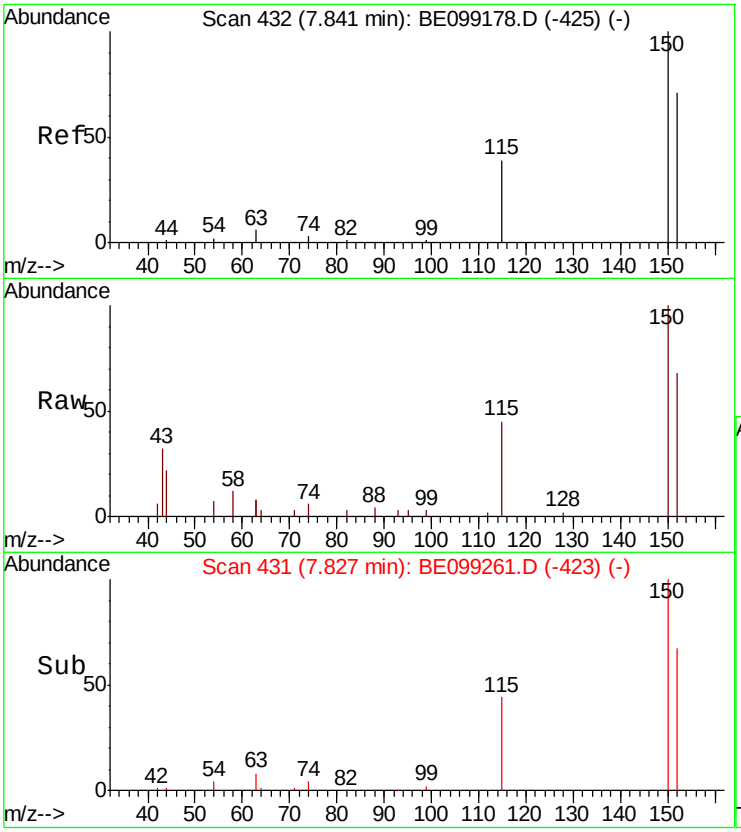
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099261.D
Acq On : 29 Mar 2019 19:00
Operator : JU/SJ
Sample : K1982-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Quant Time: Mar 29 22:57:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



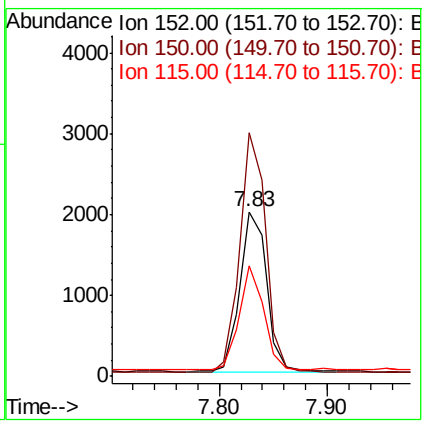


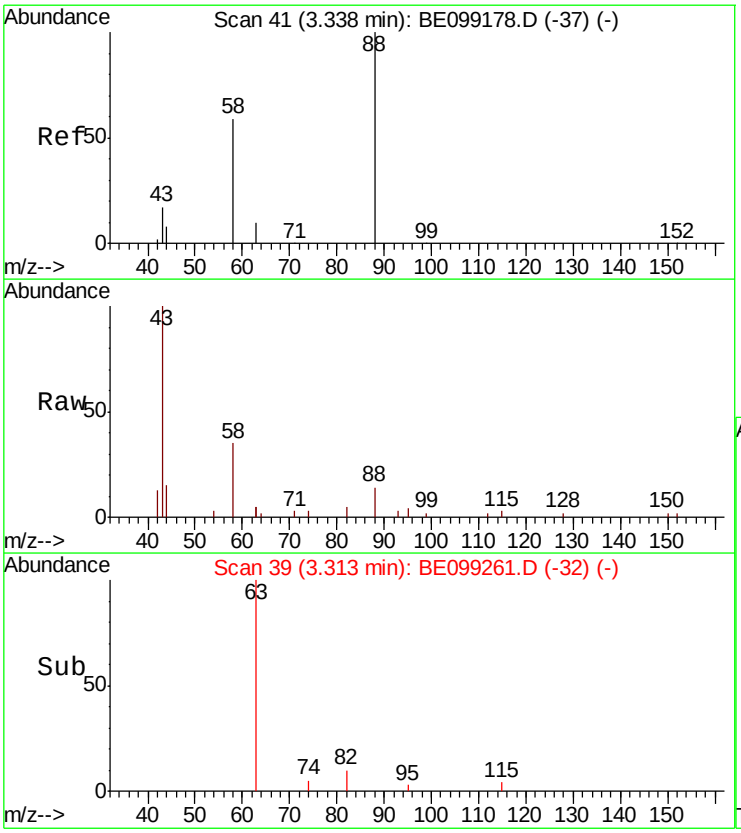
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:152 Resp: 3377

Ion	Ratio	Lower	Upper
152	100		
150	147.7	112.8	169.2
115	67.2	45.1	67.7

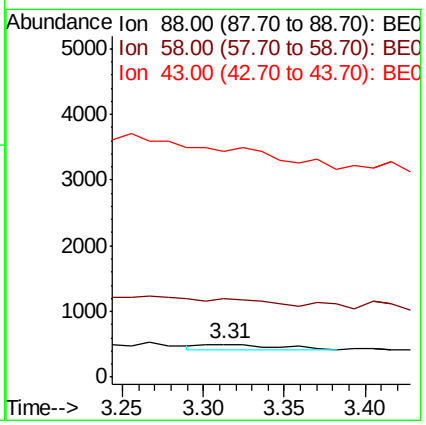


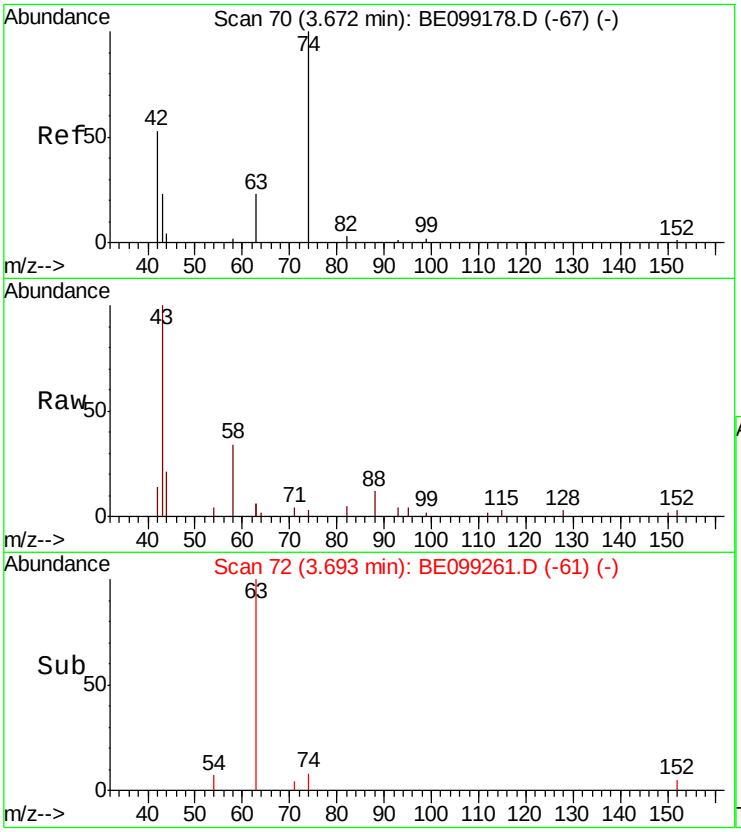


#2
1,4-Dioxane
Concen: 0.055 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion: 88 Resp: 244

Ion	Ratio	Lower	Upper
88	100		
58	0.0	47.4	71.0#
43	0.0	15.6	23.4#



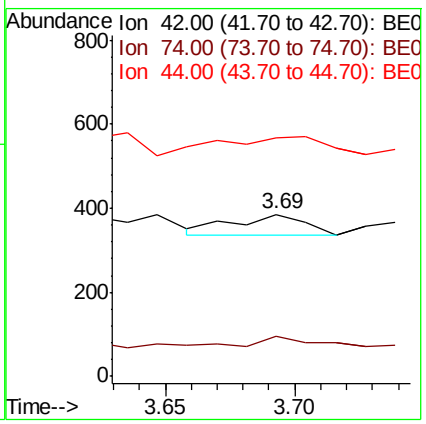


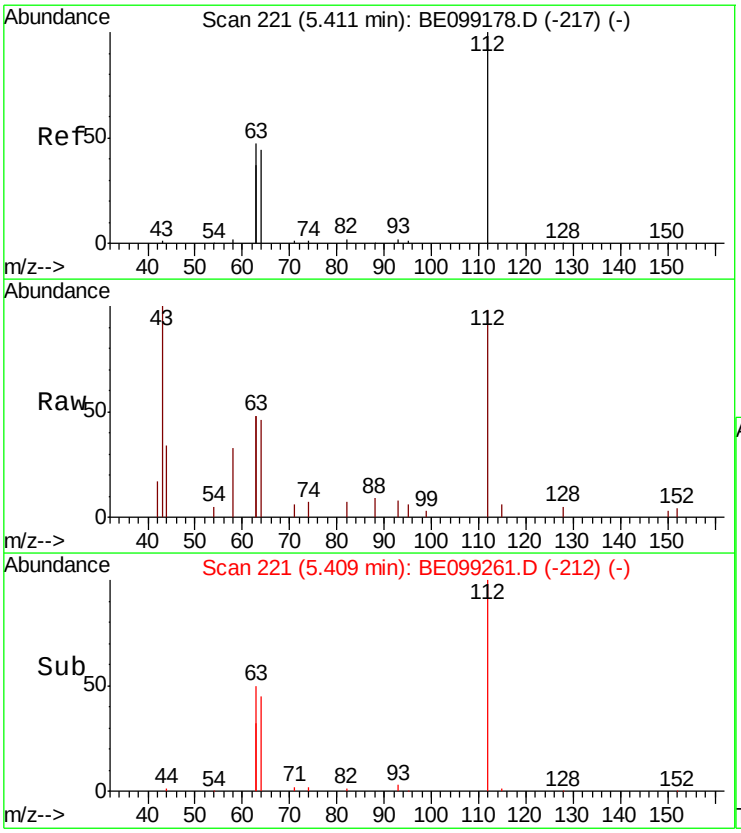
#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
74	53.7	138.6	207.8#
44	137.9	15.0	22.6#

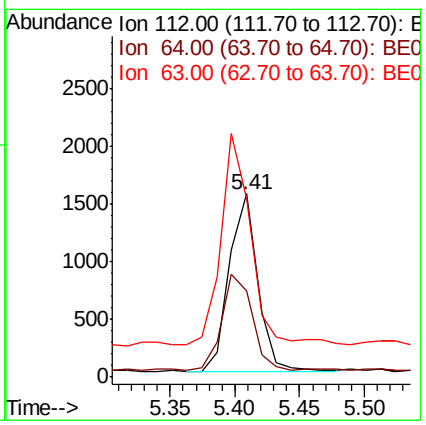


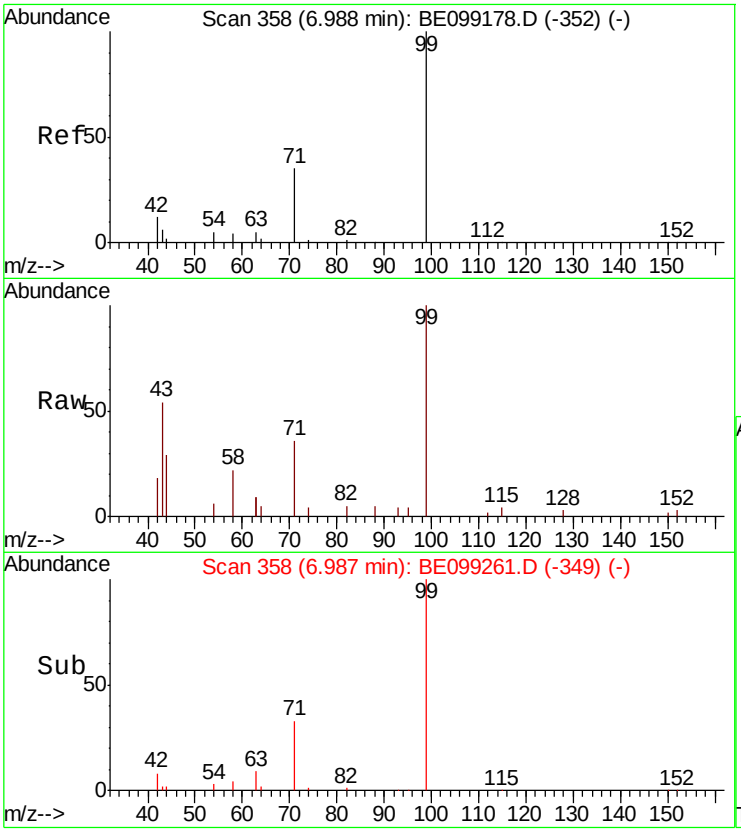


#4
2-Fluorophenol
Concen: 0.234 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:112 Resp: 2356

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.2	69.2
63	125.7	89.9	134.9



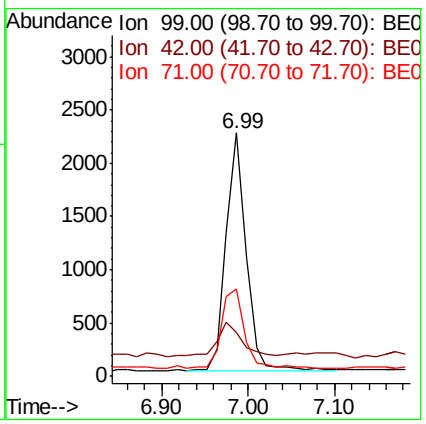


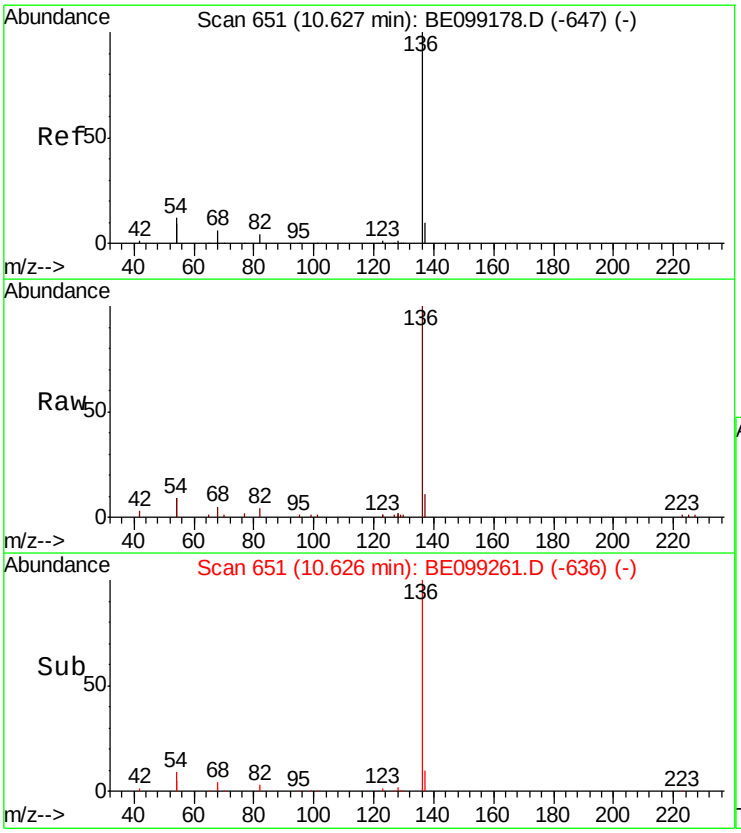
#5
Phenol-d6
Concen: 0.232 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion: 99 Resp: 3568

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.4	18.6
71	38.8	28.4	42.6

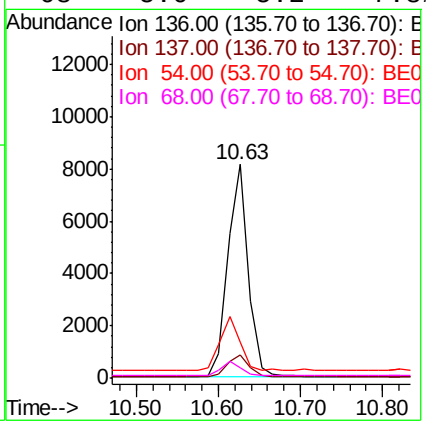


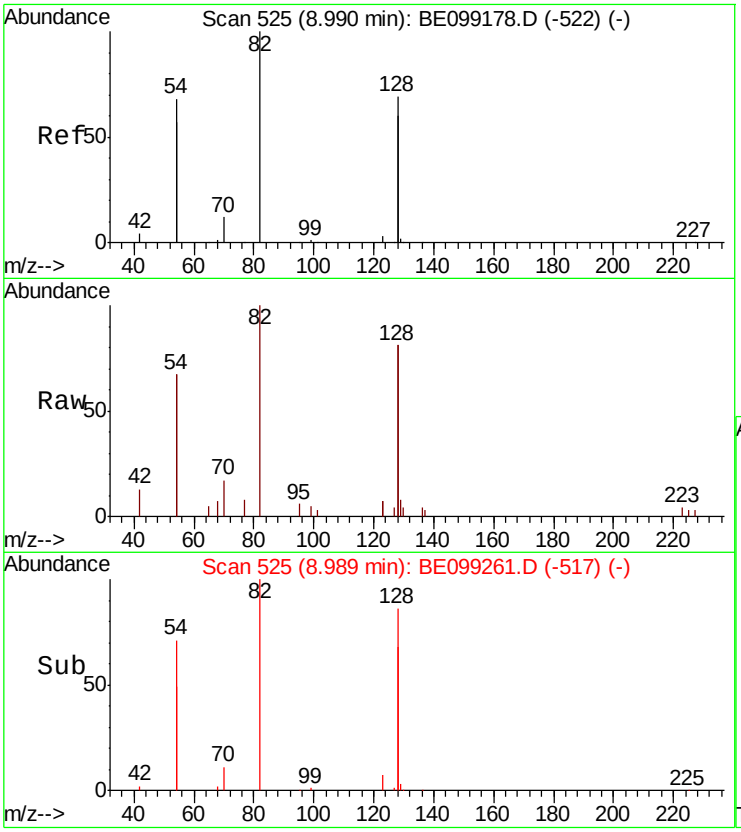


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:136 Resp: 14001

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	17.0	18.7	28.1#
68	5.0	5.2	7.8#



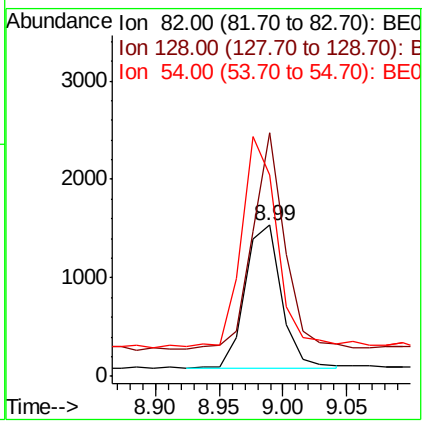


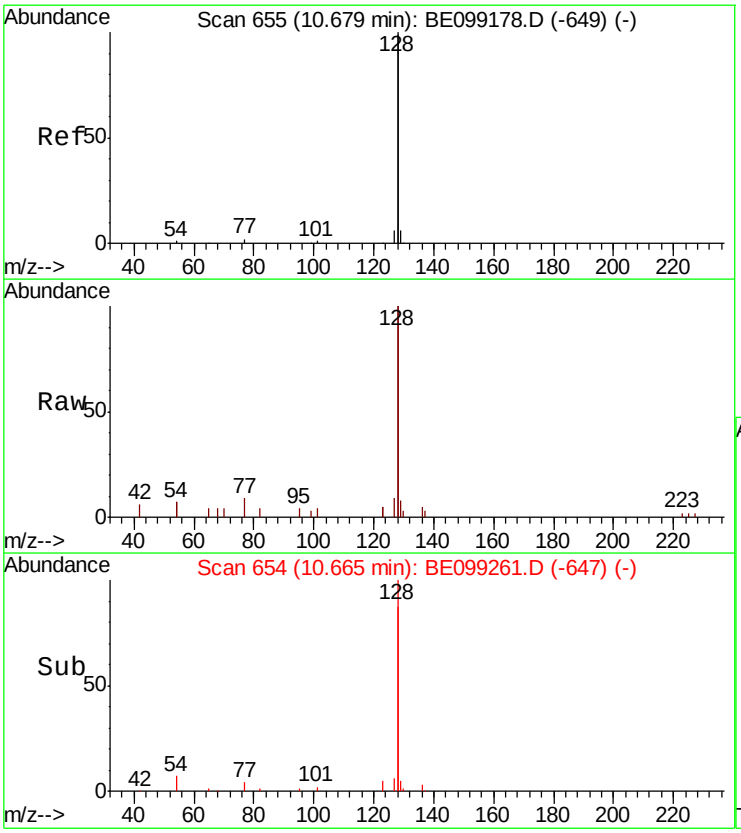
#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion: 82 Resp: 2861

Ion	Ratio	Lower	Upper
82	100		
128	161.3	107.5	161.3
54	133.1	106.3	159.5

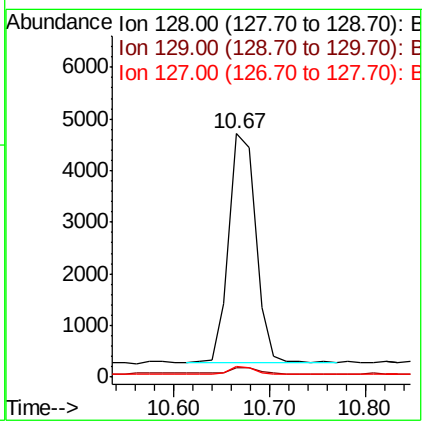


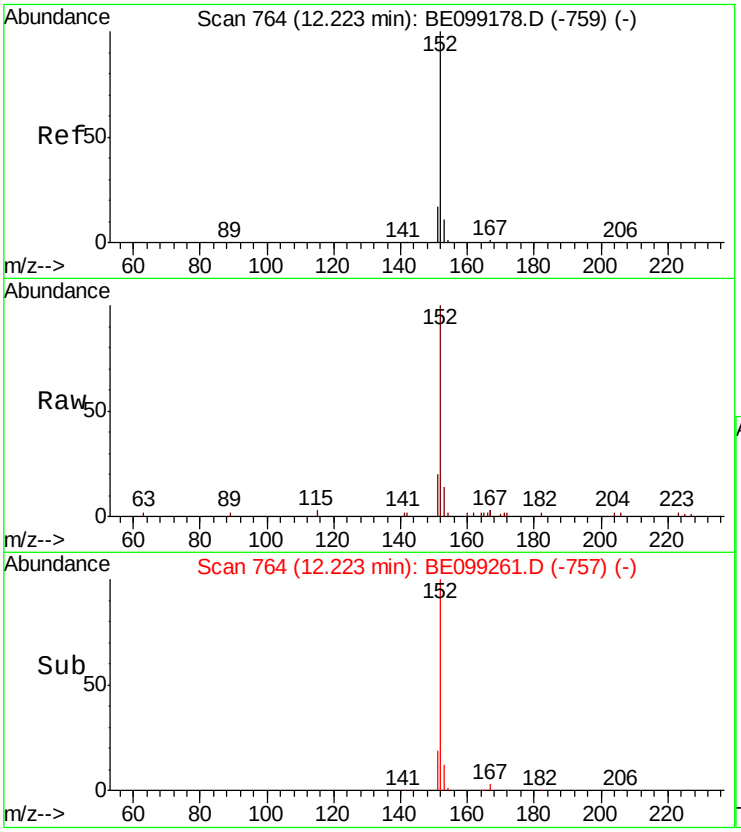


#9
Naphthalene
Concen: 0.053 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:128 Resp: 8726

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.3	3.5#
127	4.4	2.6	3.8#



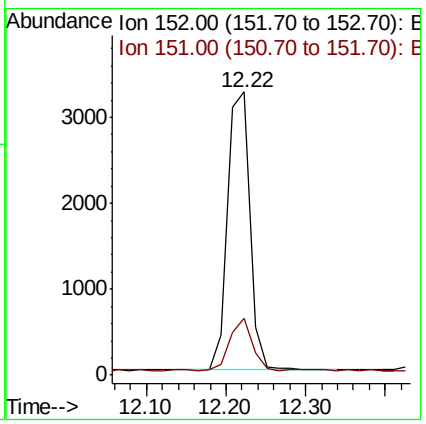


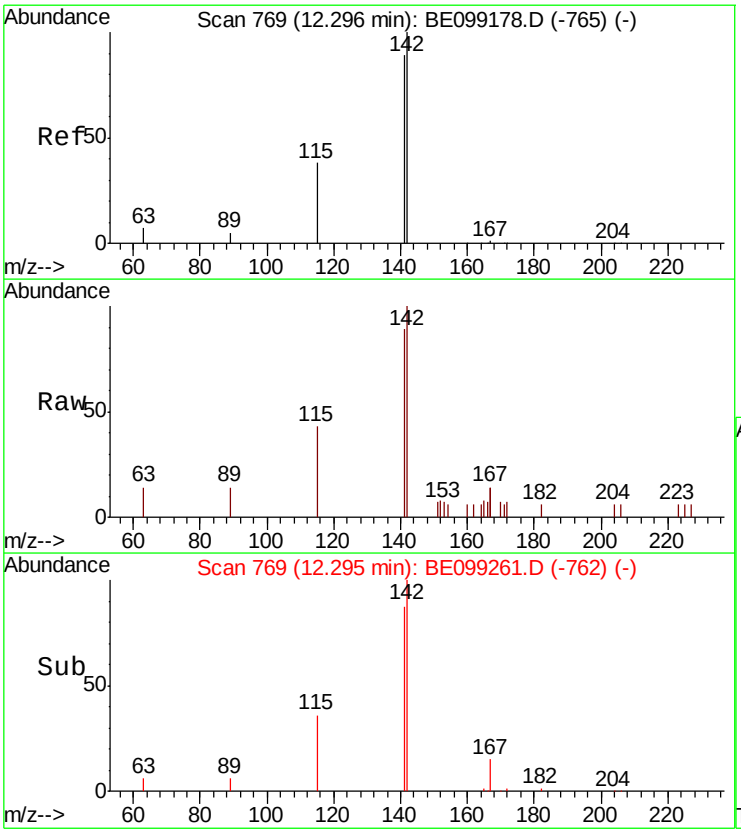
#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:152 Resp: 6292

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.6

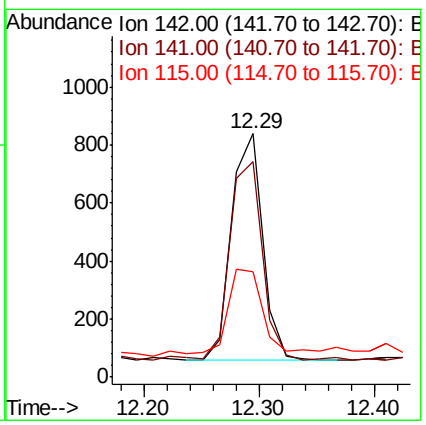


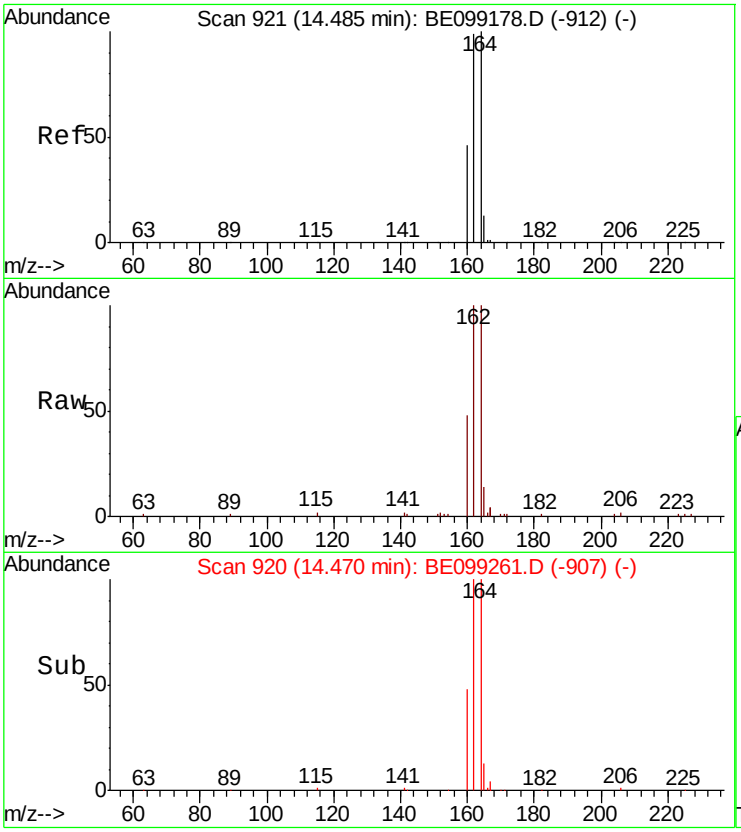


#12
2-Methylnaphthalene
Concen: 0.049 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:142 Resp: 1461

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	43.1	30.4	45.6



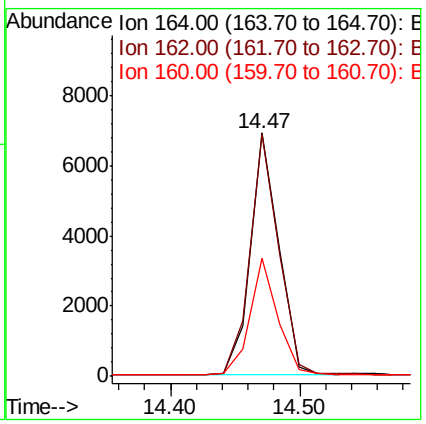


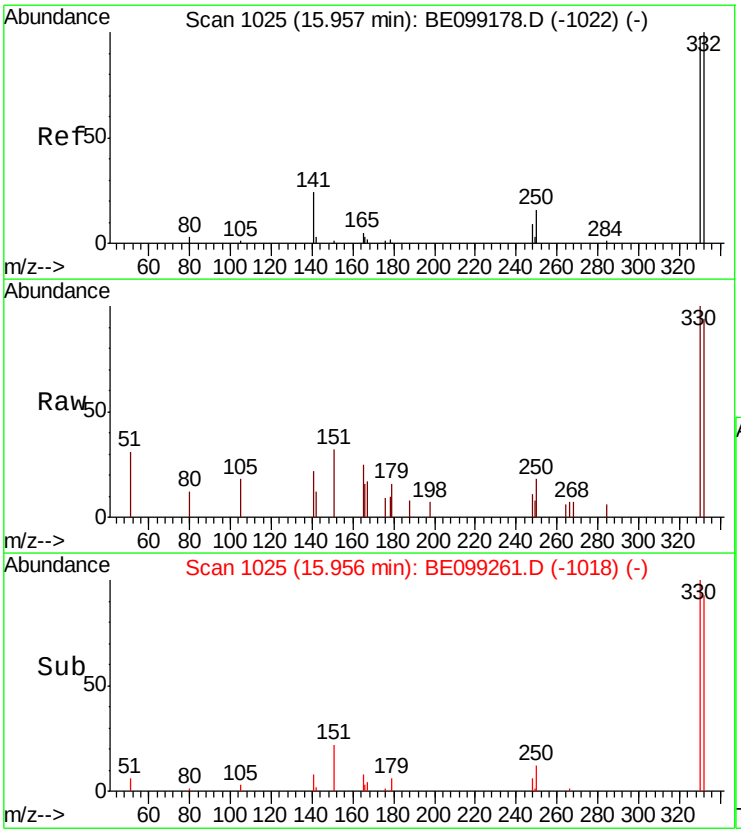
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:164 Resp: 10417

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	48.5	36.7	55.1

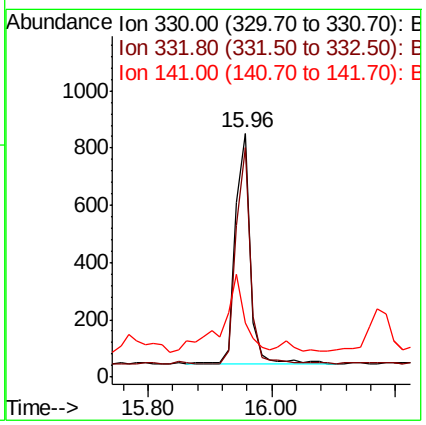


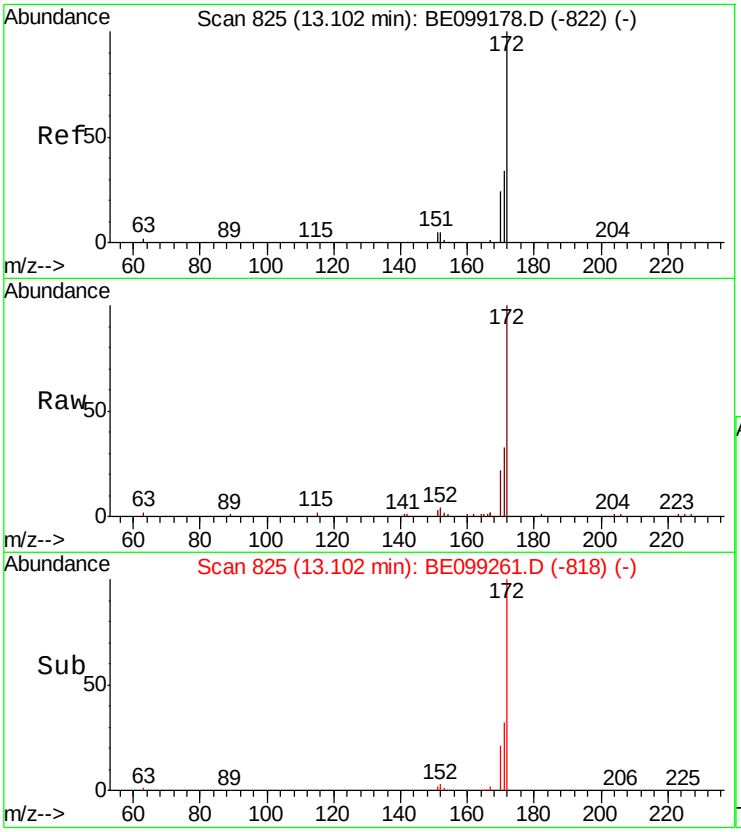


#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:330 Resp: 1335

Ion	Ratio	Lower	Upper
330	100		
332	92.6	71.3	106.9
141	42.4	21.7	32.5#



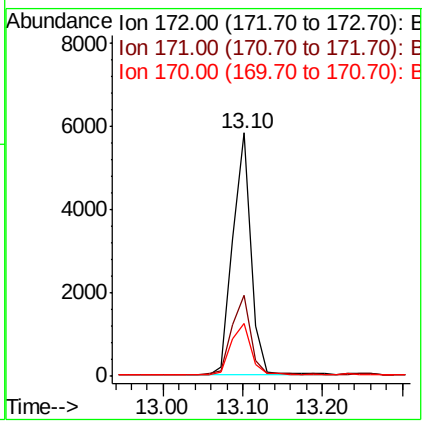


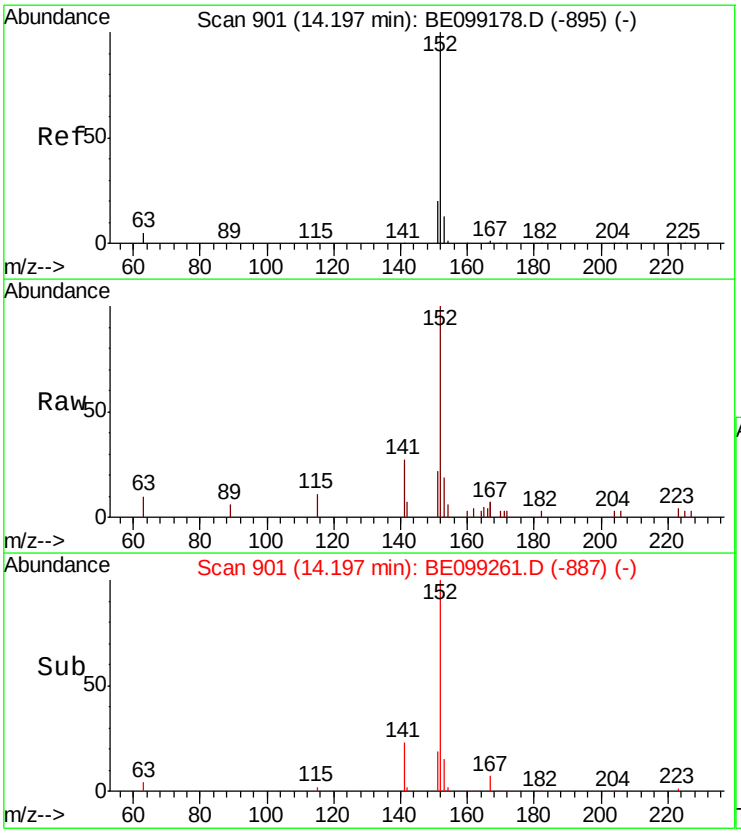
#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:172 Resp: 9052

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.4	41.0
170	21.7	19.1	28.7

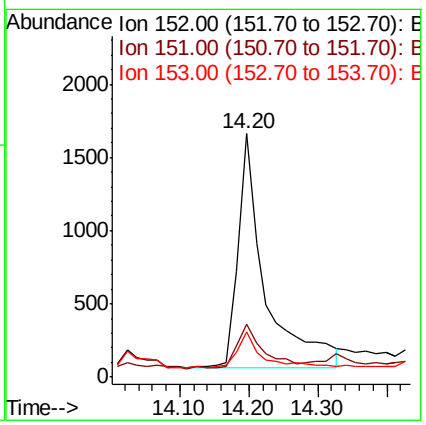


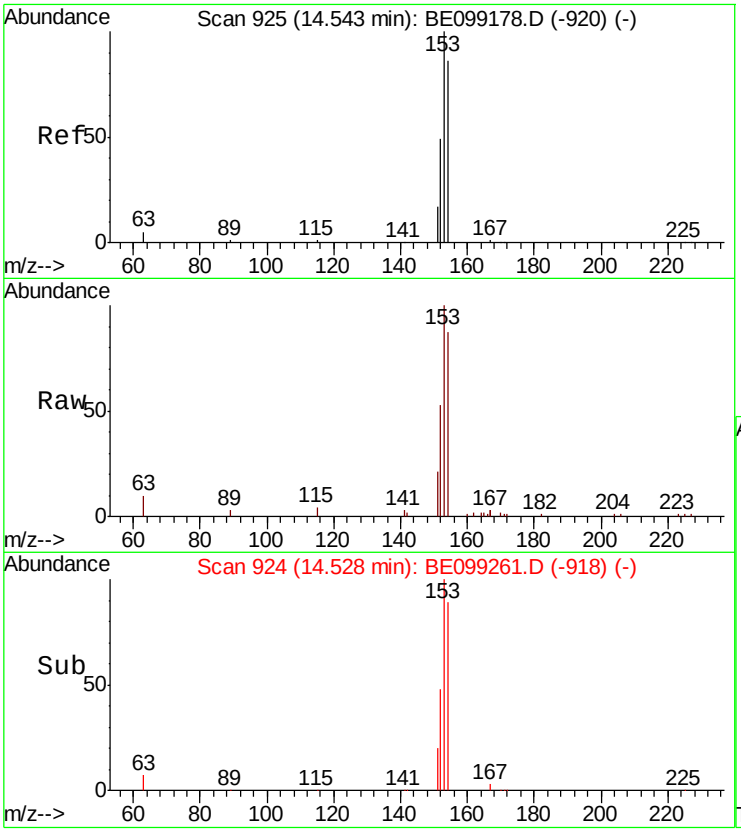


#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:152 Resp: 4352

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.9	10.6	15.8



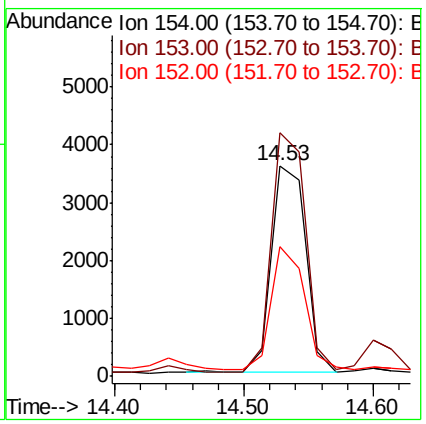


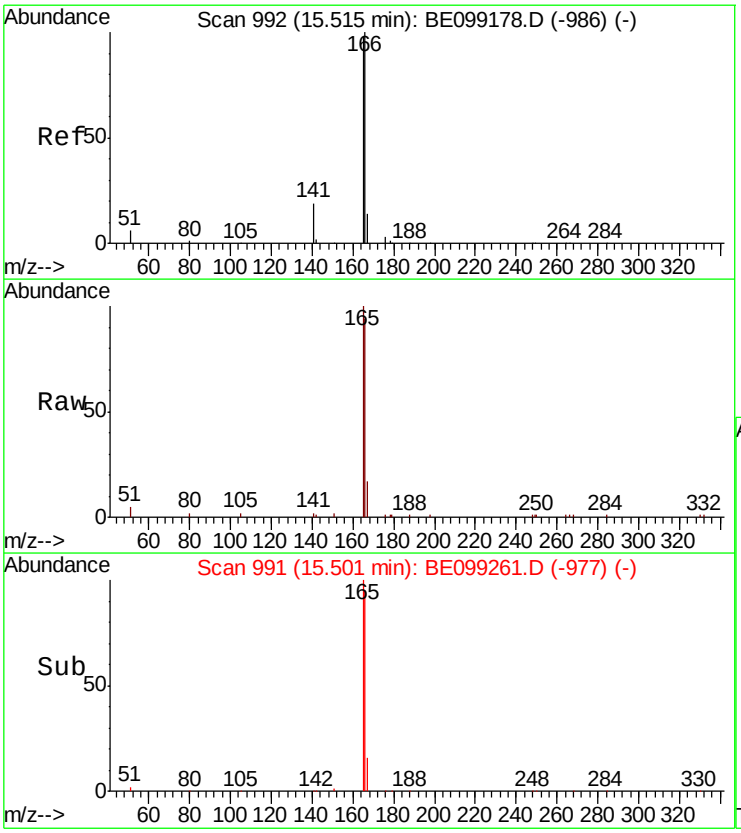
#17
Acenaphthene
Concen: 0.210 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:154 Resp: 6659

Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.4	140.0
152	57.3	46.6	69.8

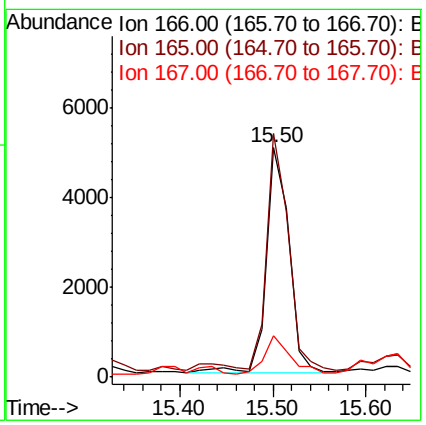


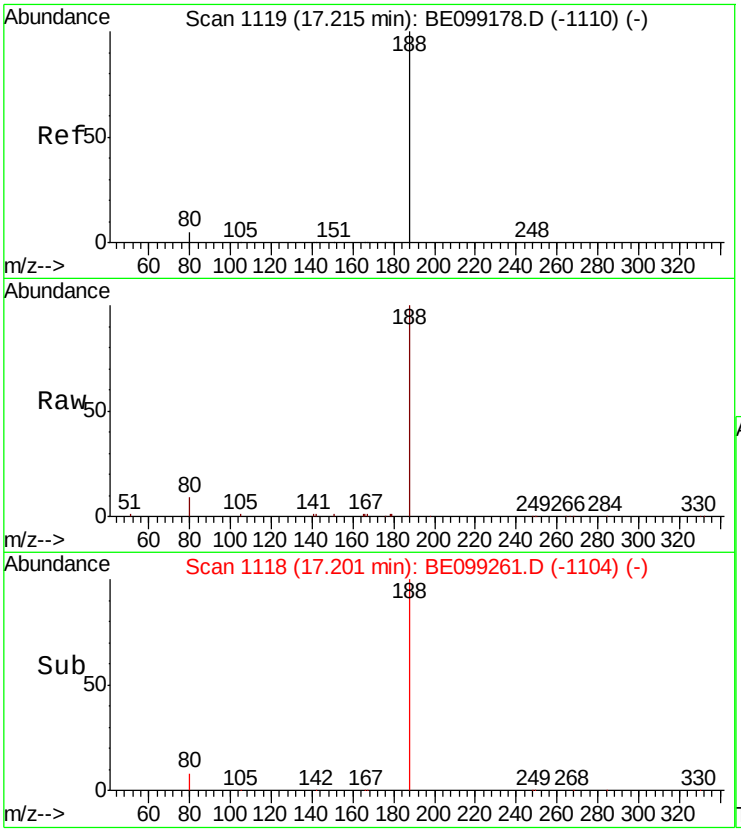


#18
Fluorene
Concen: 0.193 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:166 Resp: 8607

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.9	118.3
167	19.1	10.9	16.3#



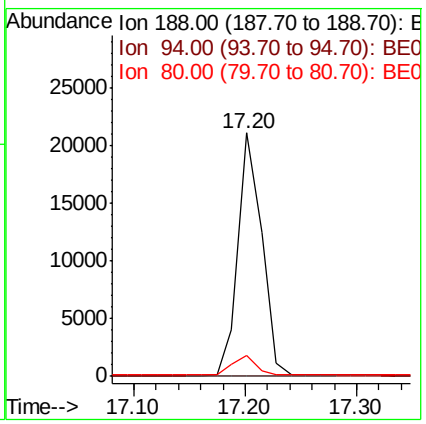


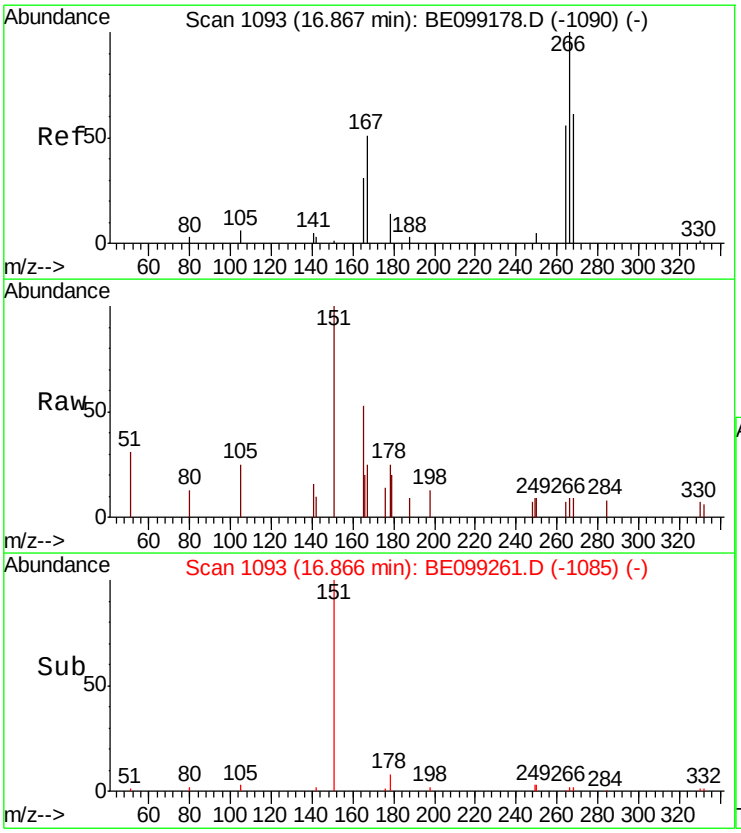
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:188 Resp: 31257

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	4.5	6.7#

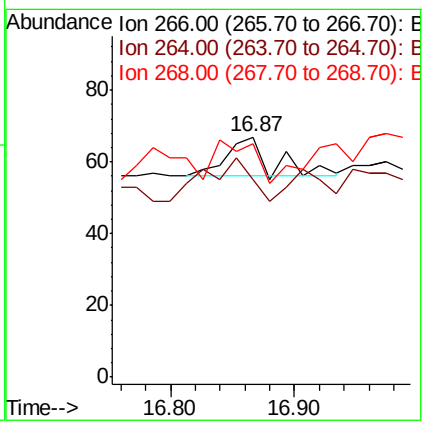


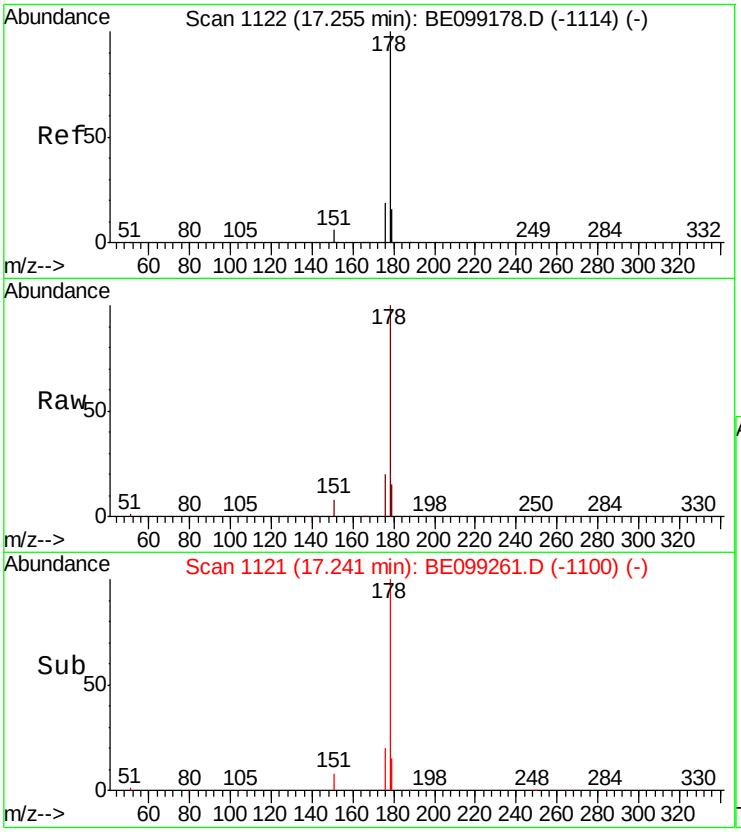


#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	82.1	54.4	81.6#
268	97.0	61.3	91.9#



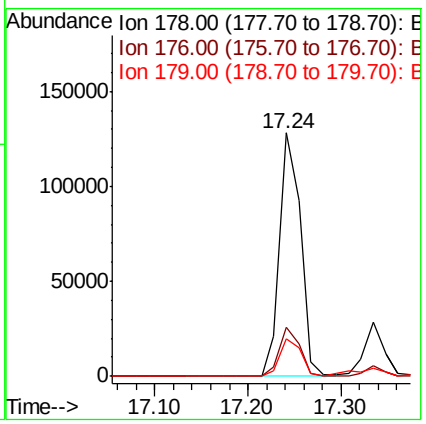


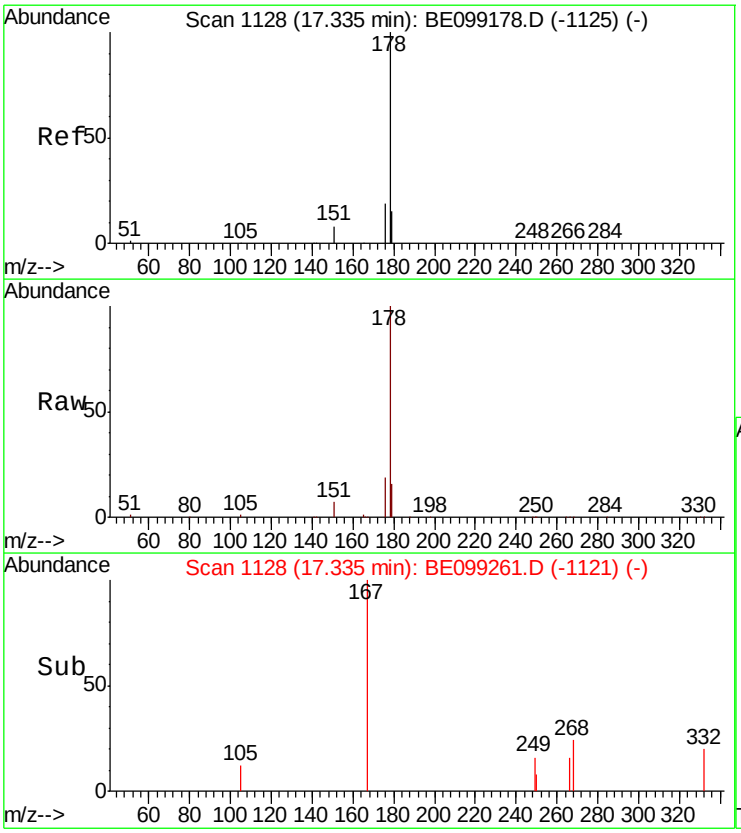
#23
Phenanthrene
Concen: 2.198 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:178 Resp: 201786

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.3	18.5

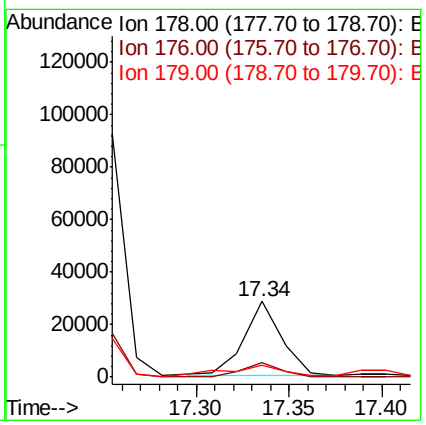


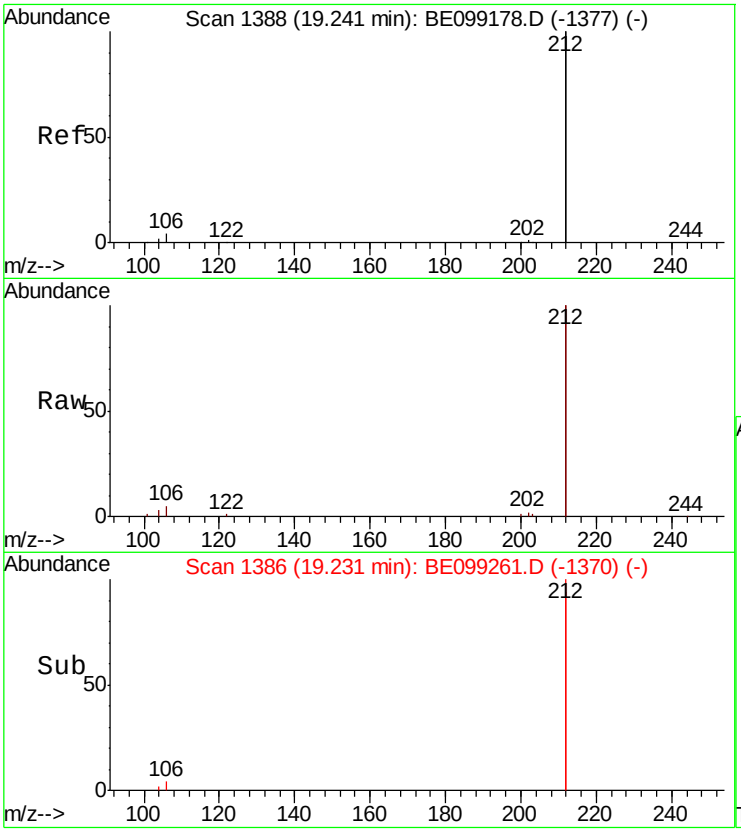


#24
Anthracene
Concen: 0.468 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:178 Resp: 38791

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	22.3	12.4	18.6#



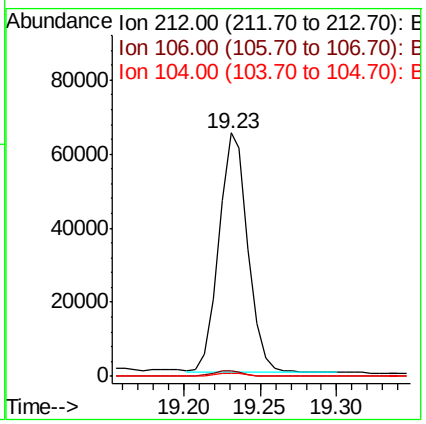


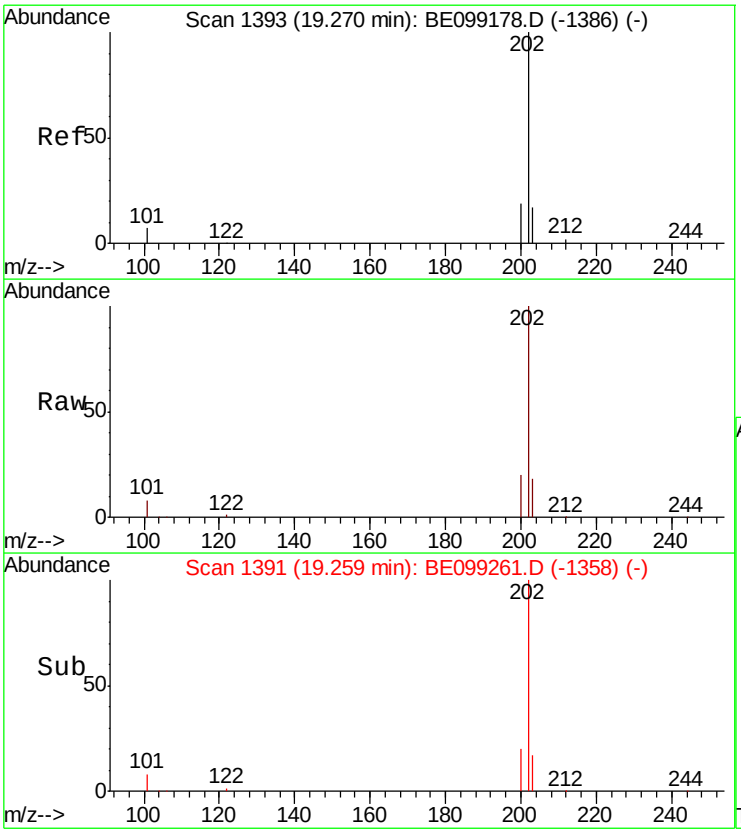
#25
Fluoranthene-d10
Concen: 0.228 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:212 Resp: 86450

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.3	1.1	1.7

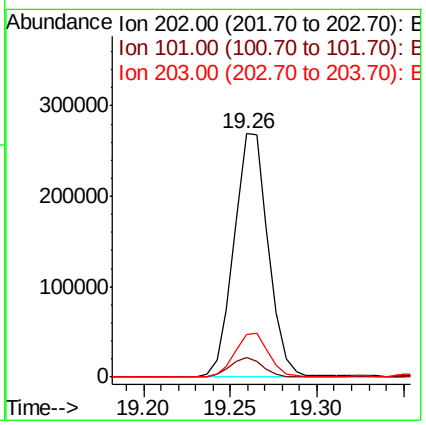


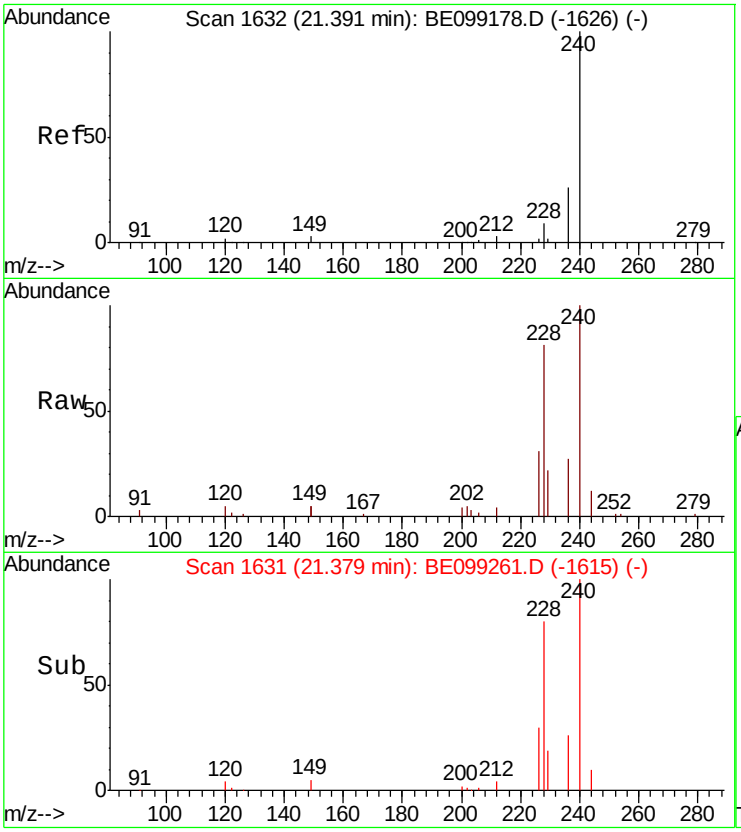


#26
Fluoranthene
Concen: 3.167 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:202 Resp: 370954

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.7	13.8	20.6



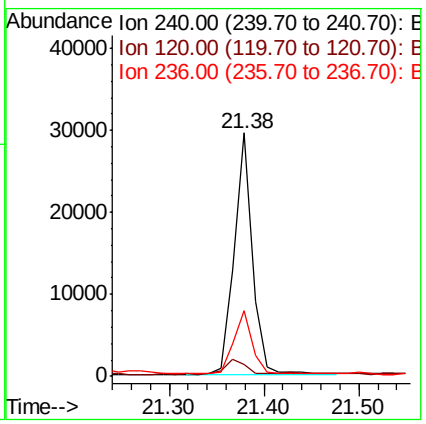


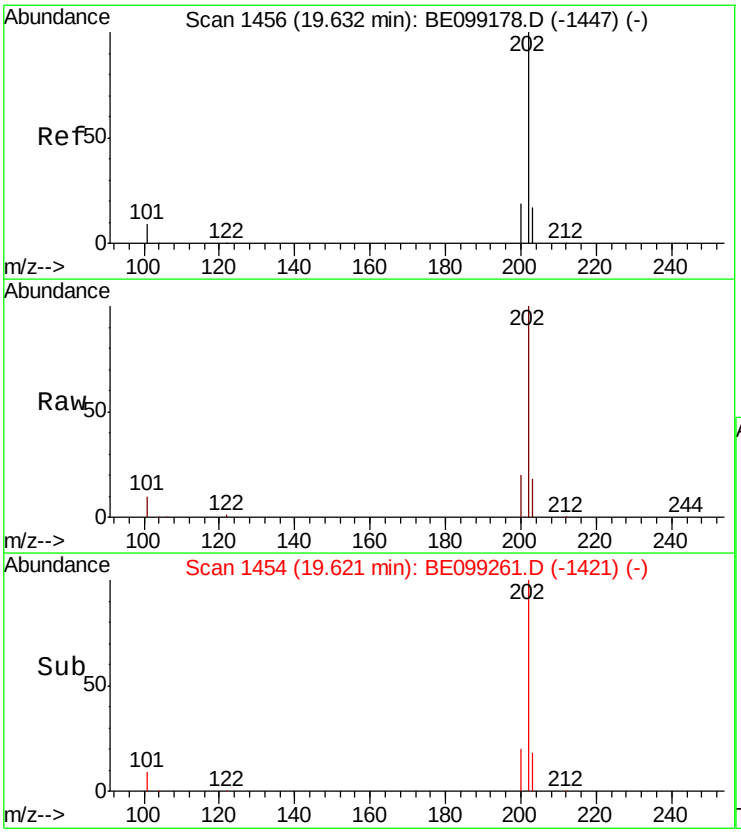
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:240 Resp: 38979

Ion	Ratio	Lower	Upper
240	100		
120	4.7	2.6	3.8#
236	27.2	20.9	31.3

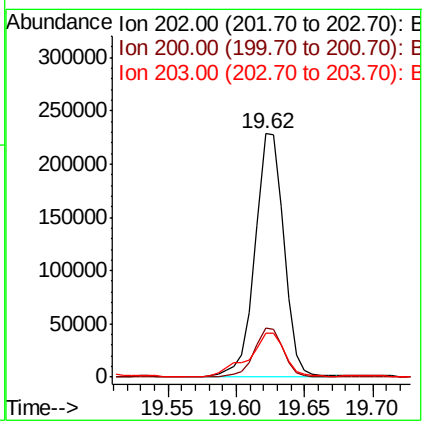


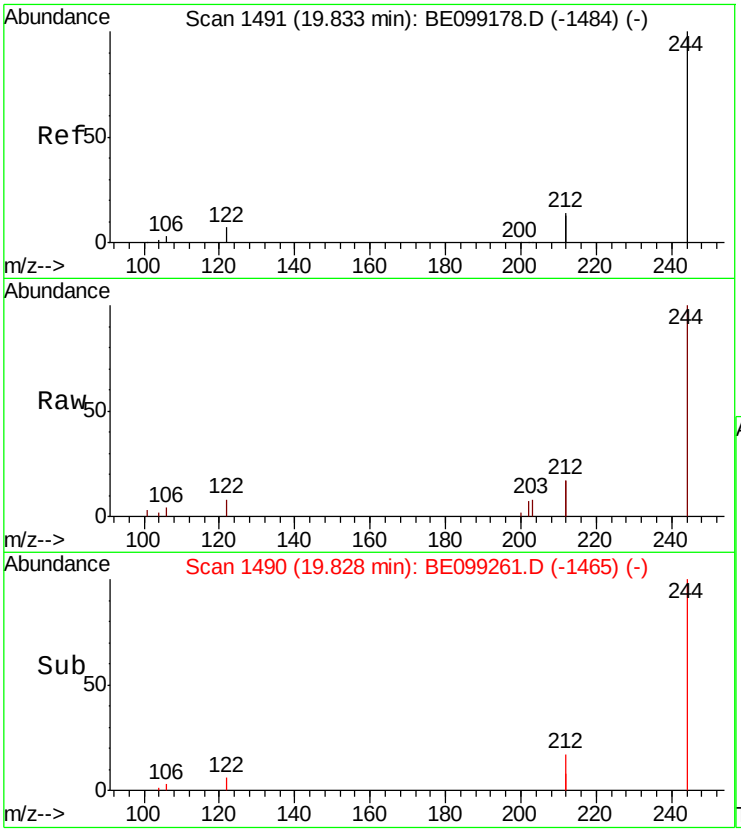


#28
Pyrene
Concen: 2.563 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:202 Resp: 331862

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.8	23.8
203	22.5	14.1	21.1#



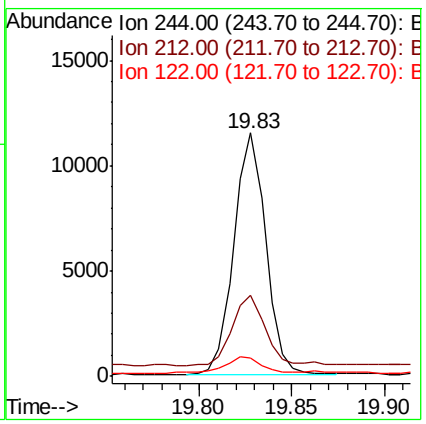


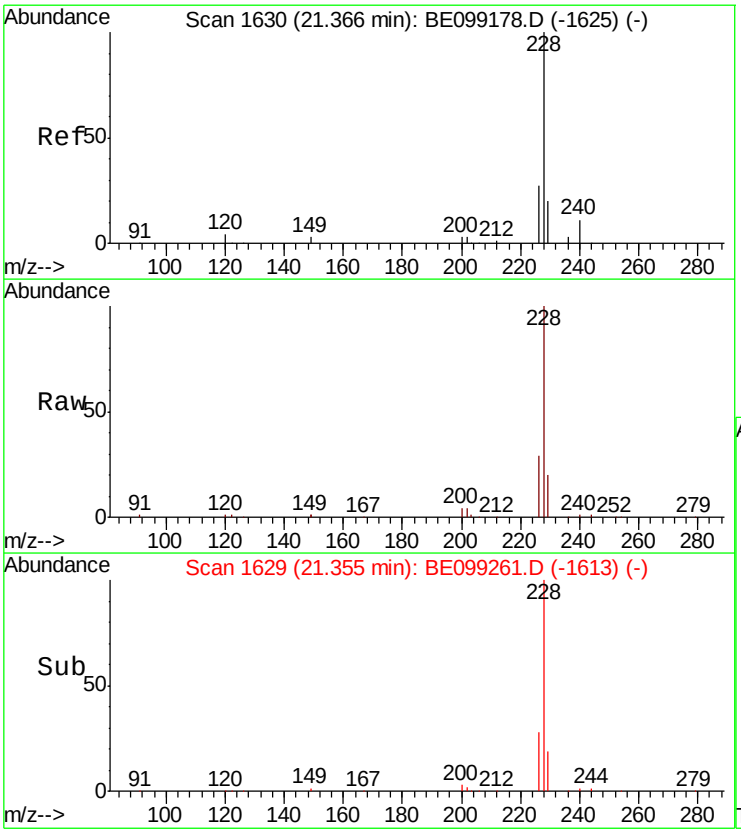
#29
Terphenyl-d14
Concen: 0.162 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:244 Resp: 13724

Ion	Ratio	Lower	Upper
244	100		
212	33.4	22.7	34.1
122	7.7	5.8	8.6

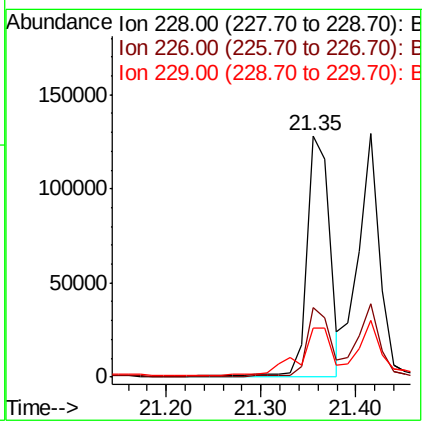


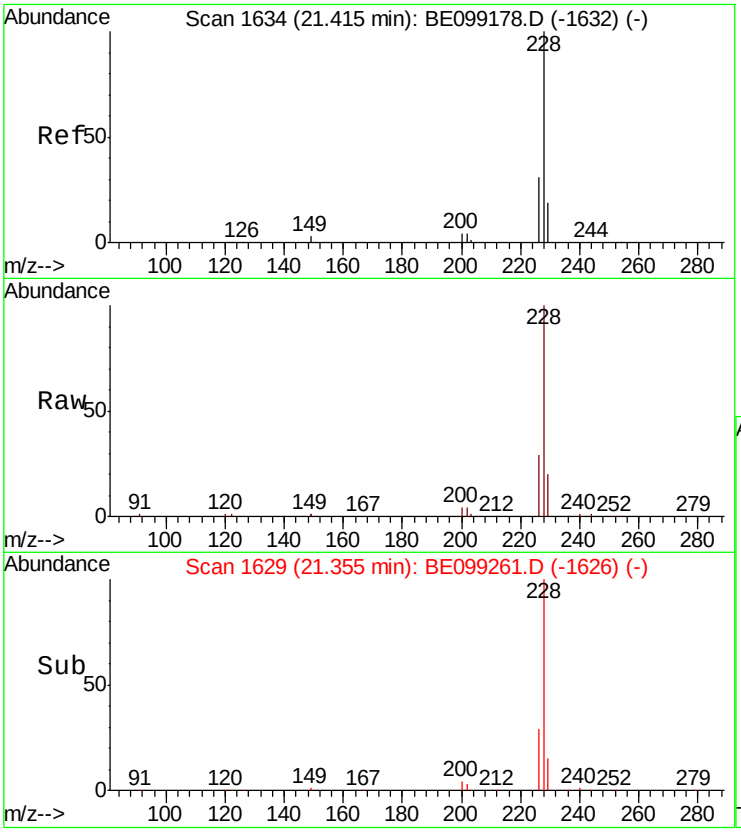


#30
Benzo(a)anthracene
Concen: 1.634 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:228 Resp: 210173

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.7	32.5
229	20.4	15.9	23.9



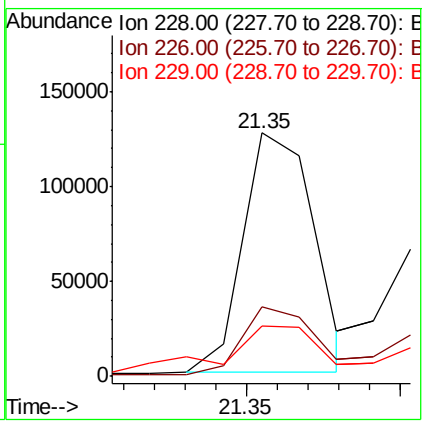


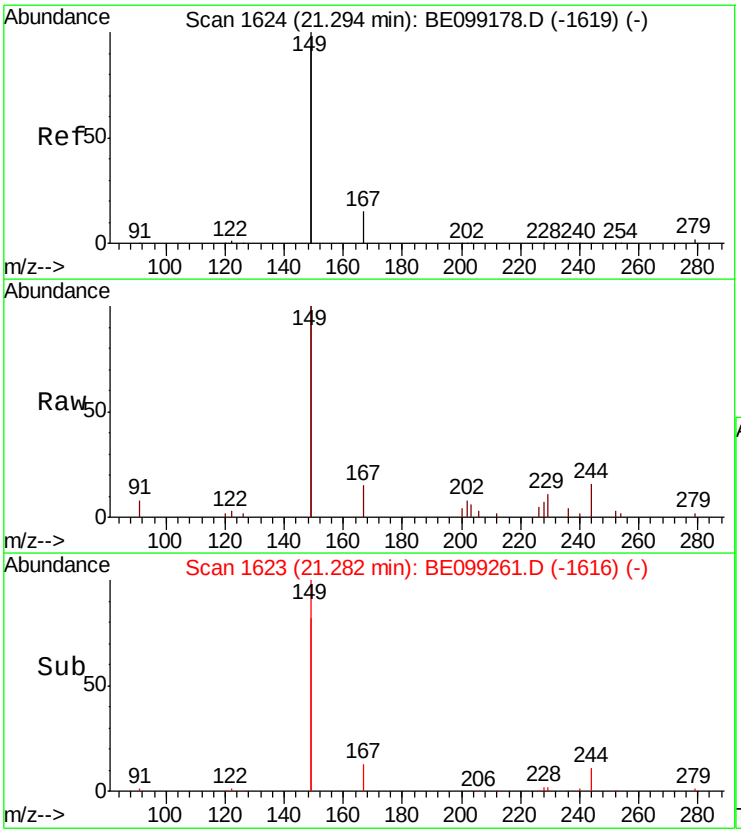
#31
Chrysene
Concen: 1.460 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.06 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:228 Resp: 200747

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.8	37.2
229	20.4	15.4	23.0

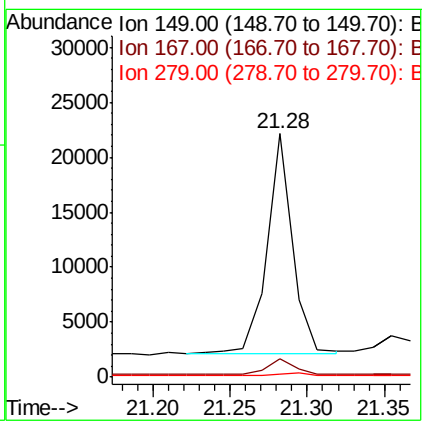


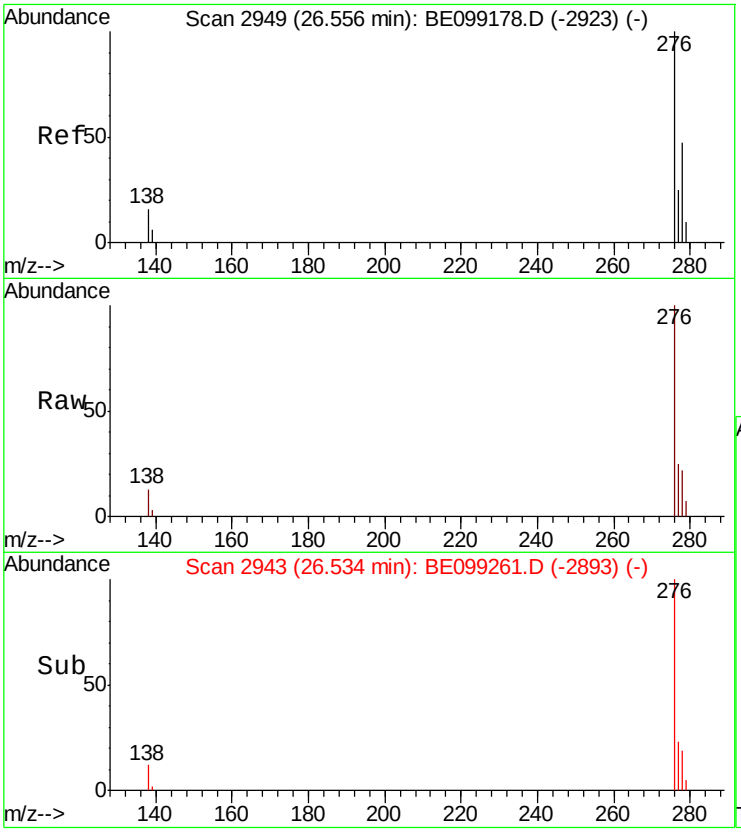


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:149 Resp: 22957

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.9	8.9
279	1.5	1.0	1.6



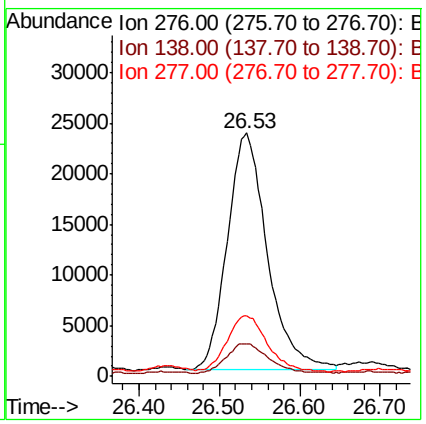


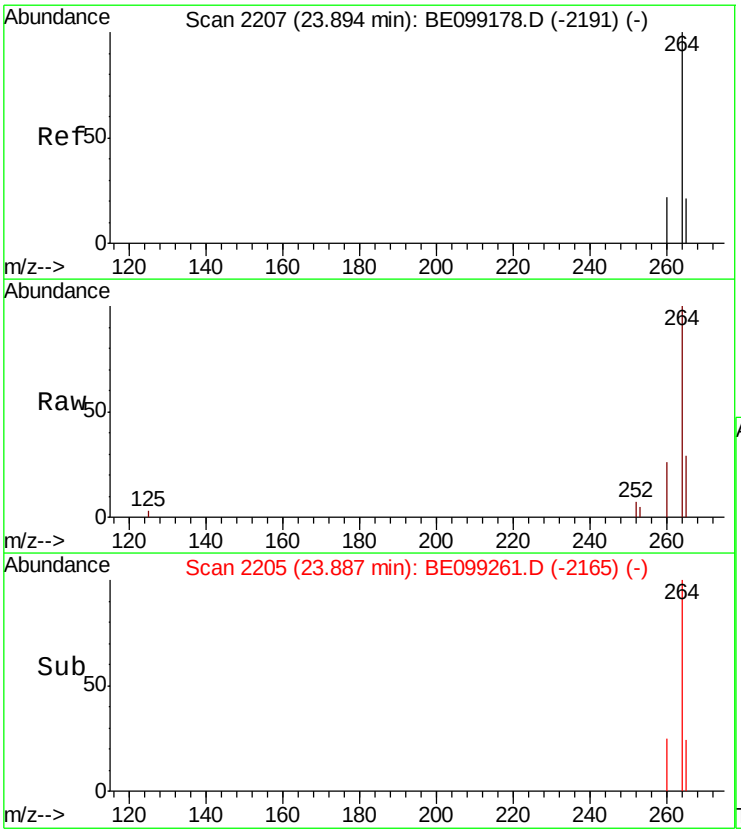
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.623 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:276 Resp: 80986

Ion	Ratio	Lower	Upper
276	100		
138	12.8	12.9	19.3#
277	23.7	18.3	27.5

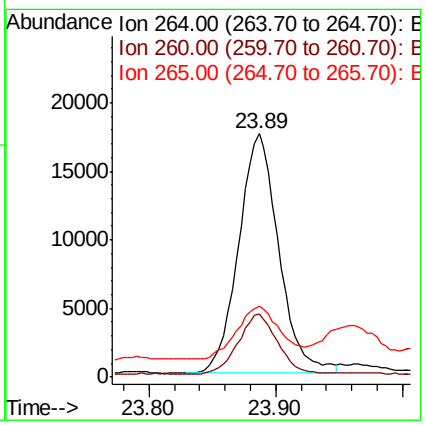


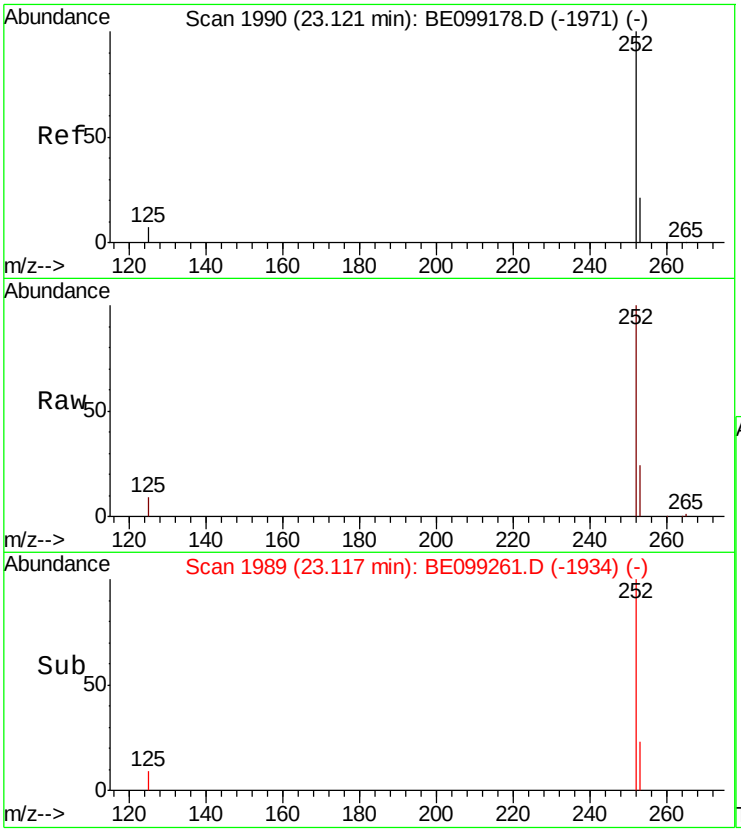


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:264 Resp: 38793

Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.2	27.2
265	28.9	21.8	32.8



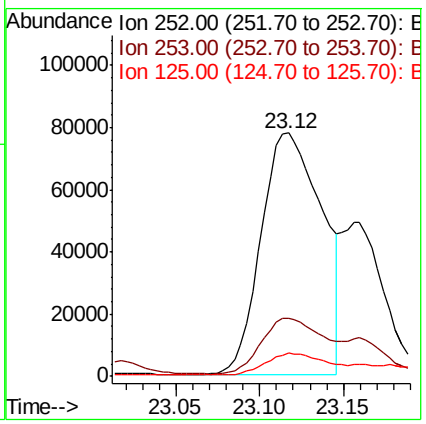


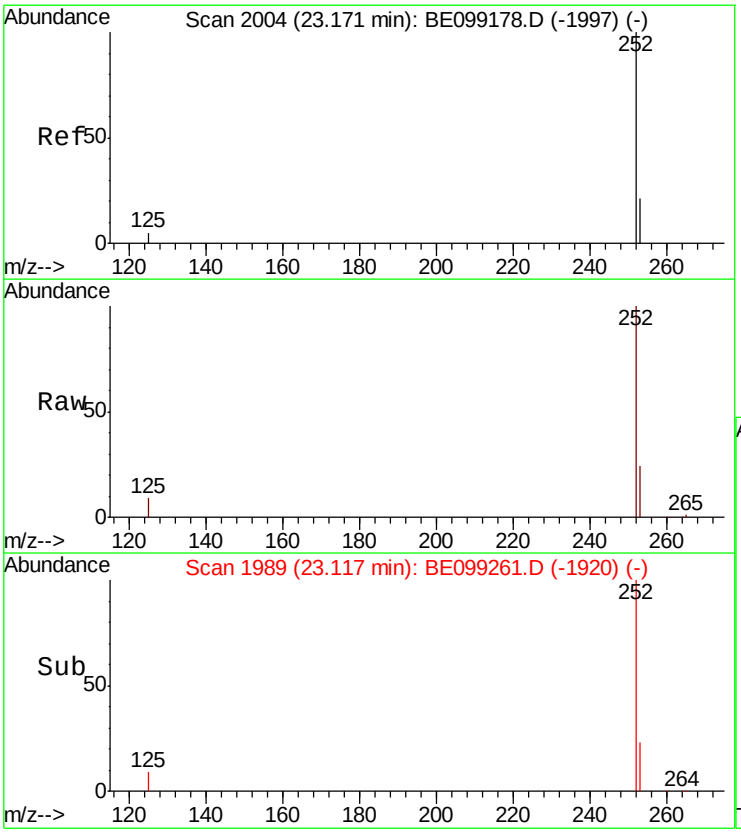
#35
Benzo(b)fluoranthene
Concen: 1.545 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:252 Resp: 197190

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	9.4	6.1	9.1#

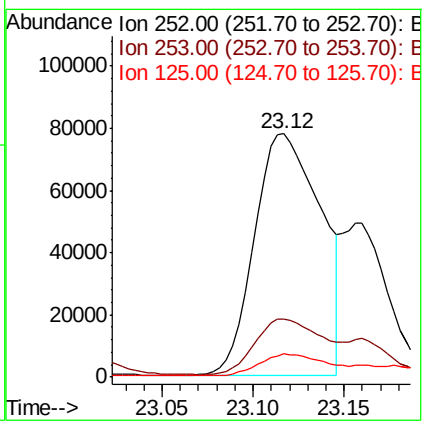


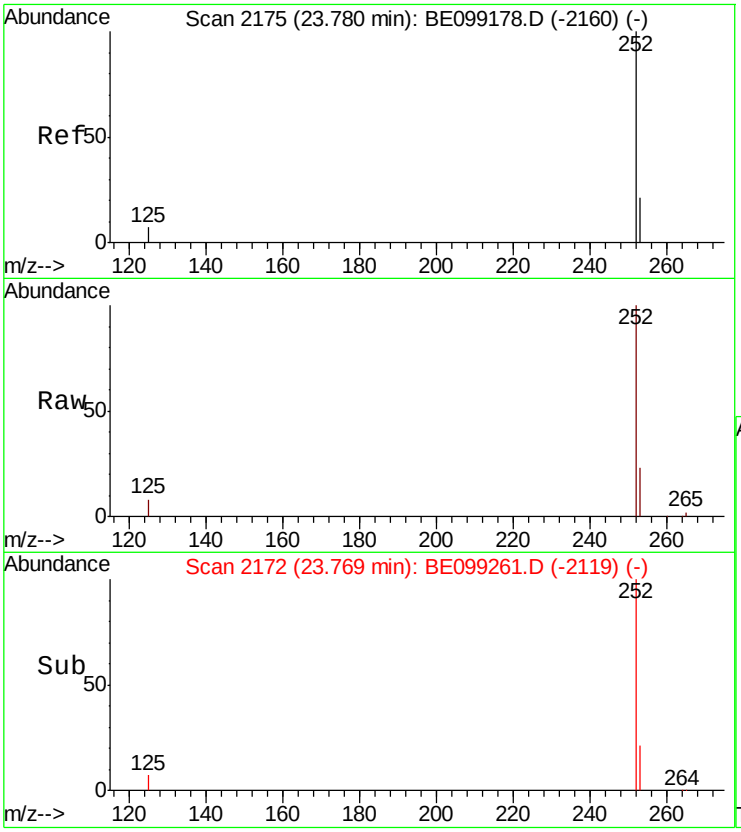


#36
Benzo(k)fluoranthene
Concen: 1.462 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:252 Resp: 197309

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	9.4	5.9	8.9#



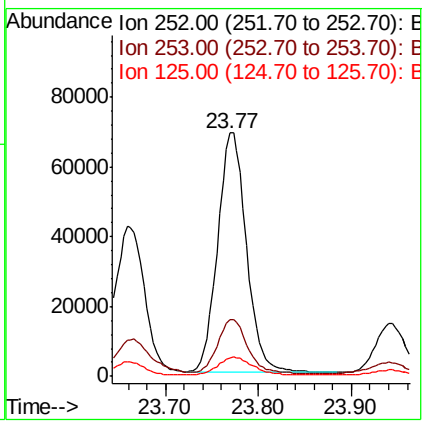


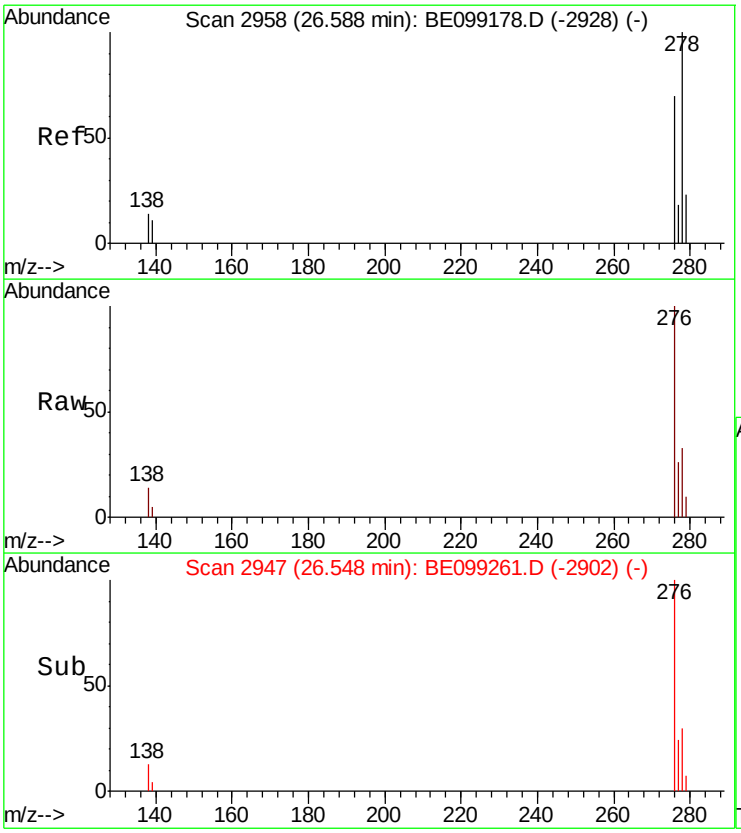
#37
Benzo(a)pyrene
Concen: 1.238 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:252 Resp: 147533

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	7.7	6.8	10.2

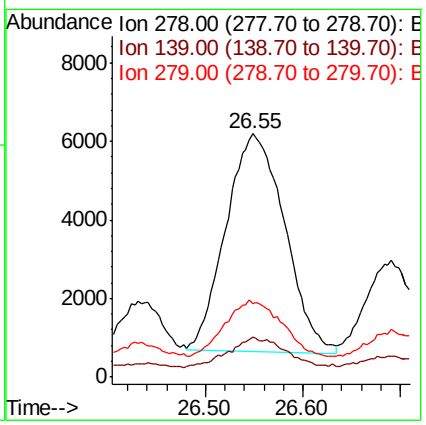


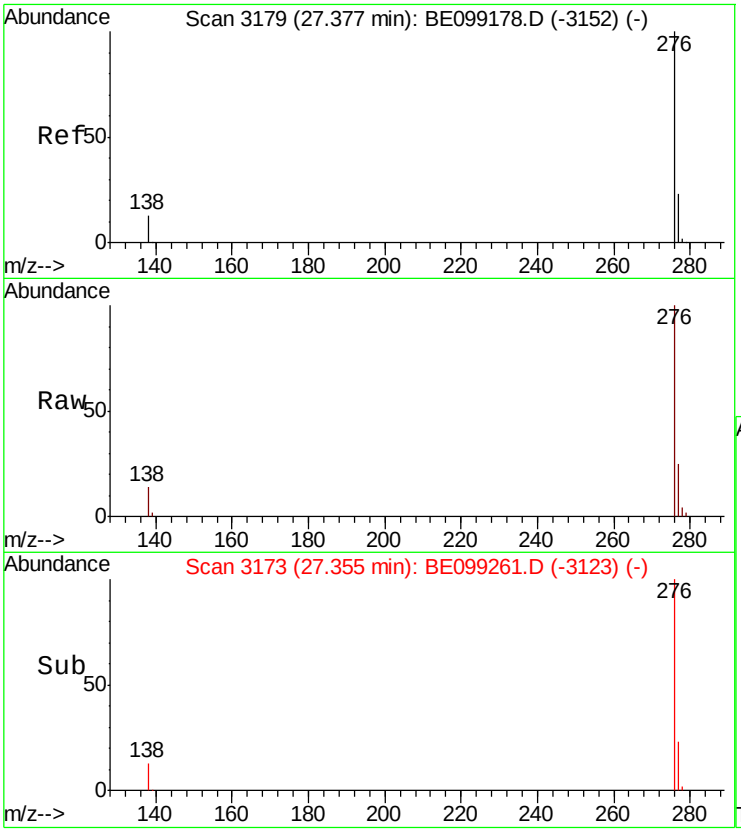


#38
Dibenzo(a,h)anthracene
Concen: 0.220 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.04 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Tgt Ion:278 Resp: 23288

Ion	Ratio	Lower	Upper
278	100		
139	16.3	9.5	14.3#
279	30.3	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.694 ng
RT: 27.35 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BE099261.D
Acq: 29 Mar 2019 19:00

Instrument :
BNA_E
ClientSampleId :
PST-027-B110-032519

Tgt Ion:276 Resp: 73708

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	14.2	11.1	16.7