Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099130.D
Acq On : 24 Mar 2019 3:06
Operator : JU/SJ
Sample : K1948-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-028-SW065-031219

Quant Time: Mar 24 03:43:14 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	4085	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	15795	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	10245	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	28215	0.40	ng		0.00
27) Chrysene-d12	21.39	240	40644	0.40	ng		0.00
34) Perylene-d12	23.89	264	44637	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	5312	0.44	ng		0.00
5) Phenol-d6	6.99	99	7556	0.43	ng		0.00
8) Nitrobenzene-d5	8.99	82	5524	0.80	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	11220	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	2177	0.72	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	15502	0.38	ng		-0.02
25) Fluoranthene-d10	19.24	212	145651	0.39	ng		0.00
29) Terphenyl-d14	19.83	244	24858	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	182	0.029	ng	#	1
3) n-Nitrosodimethylamine	3.71	42	122	0.037	ng	#	1
6) bis(2-Chloroethyl)ether	7.28	93	7747	0.544	ng	#	1
9) Naphthalene	10.68	128	5070	0.027	ng	#	96
12) 2-Methylnaphthalene	12.30	142	646	0.020	ng	#	91
16) Acenaphthylene	14.20	152	3823	0.070	ng		95
17) Acenaphthene	14.54	154	782	0.024	ng	#	92
18) Fluorene	15.51	166	2281	0.048	ng	#	90
22) Pentachlorophenol	16.85	266	45	0.259	ng		89
23) Phenanthrene	17.25	178	44892	0.536	ng		99
24) Anthracene	17.35	178	6850	0.086	ng	#	94
26) Fluoranthene	19.27	202	110413	0.937	ng		99
28) Pyrene	19.63	202	105391	0.764	ng		95
30) Benzo(a)anthracene	21.37	228	62851	0.439	ng		99
31) Chrysene	21.43	228	60134	0.420	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	52671	0.283	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	34823	0.226	ng		97
35) Benzo(b)fluoranthene	23.12	252	74375	0.482	ng	#	95
36) Benzo(k)fluoranthene	23.12	252	74302	0.491	ng	#	97
37) Benzo(a)pyrene	23.78	252	53519	0.375	ng		99
38) Dibenzo(a,h)anthracene	26.57	278	9782	0.070	ng	#	79
39) Benzo(g,h,i)perylene	27.37	276	35430	0.249	ng		99

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

Quantitation Report (Not Reviewed)

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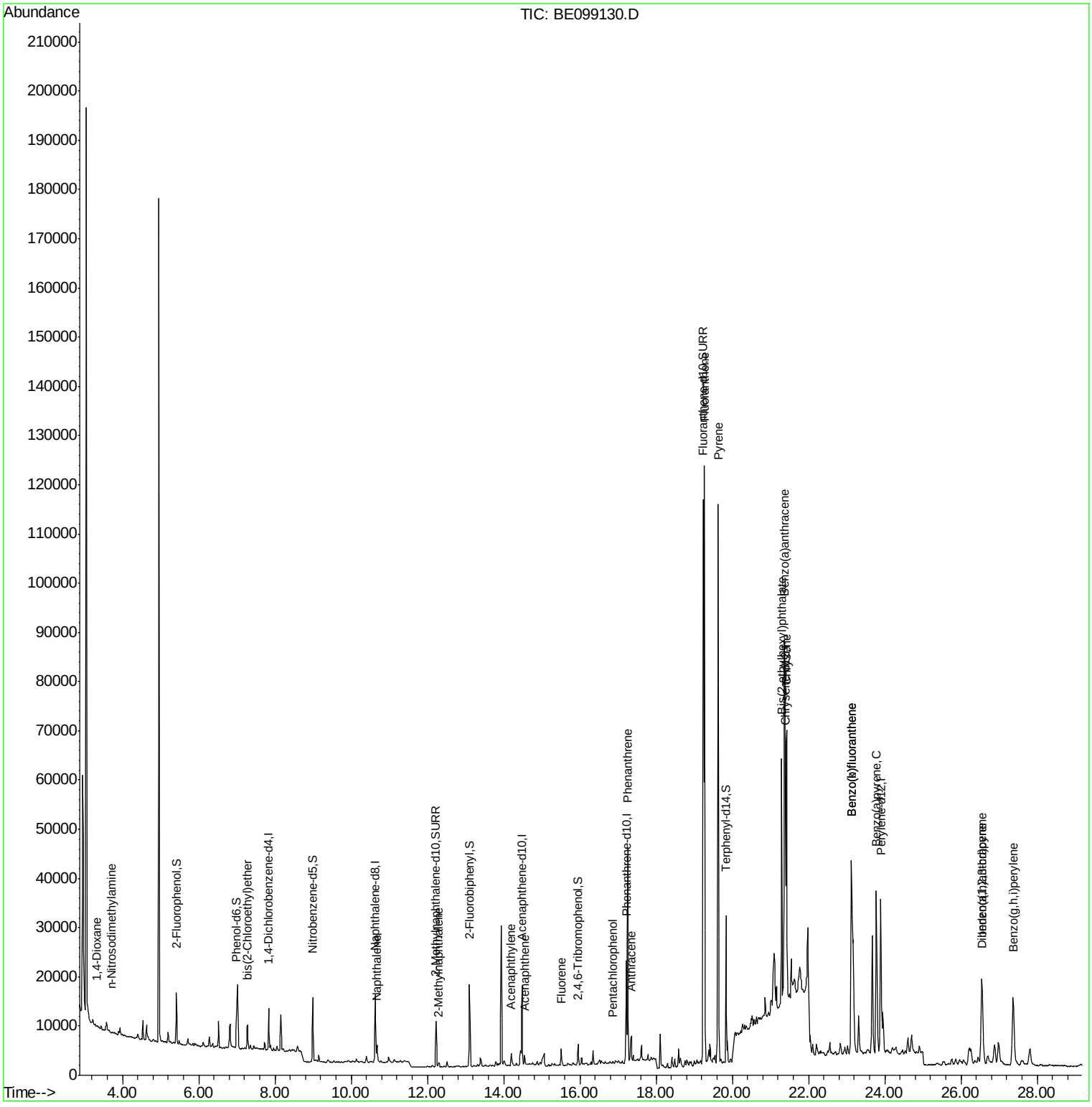
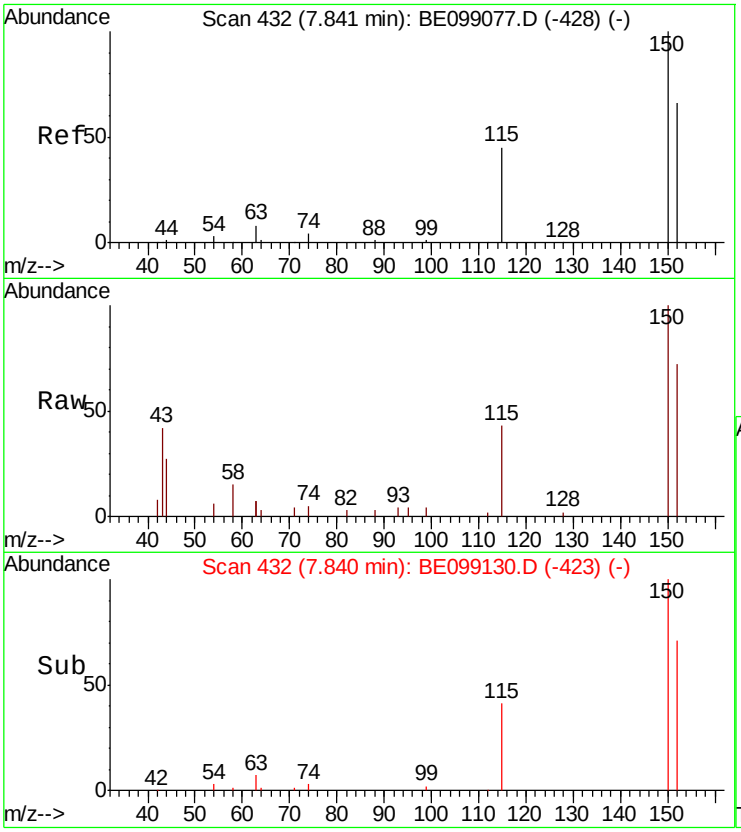
Acq On : 24 Mar 2019 3:06
Operator : JU/SJ
Sample : K1948-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Quant Time: Mar 24 03:43:14 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



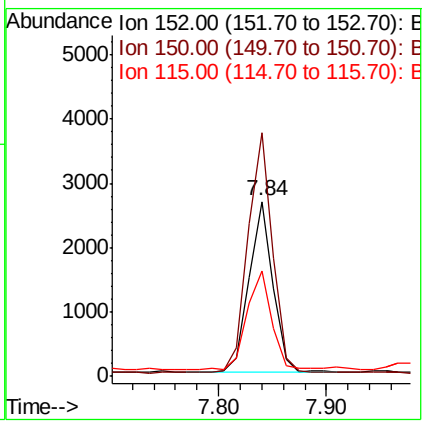


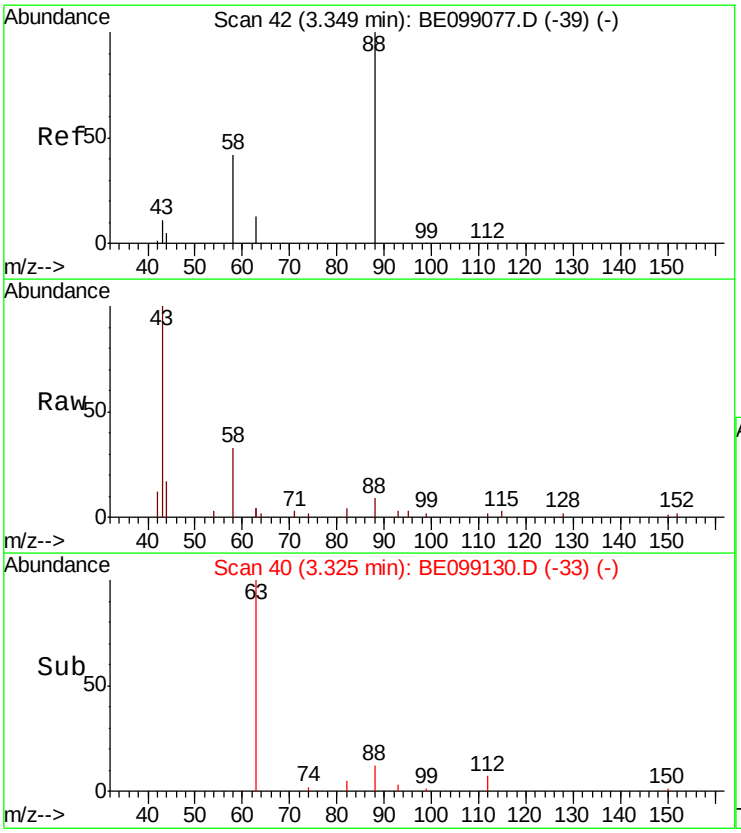
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:152 Resp: 4085

Ion	Ratio	Lower	Upper
152	100		
150	139.3	122.5	183.7
115	60.0	57.4	86.2

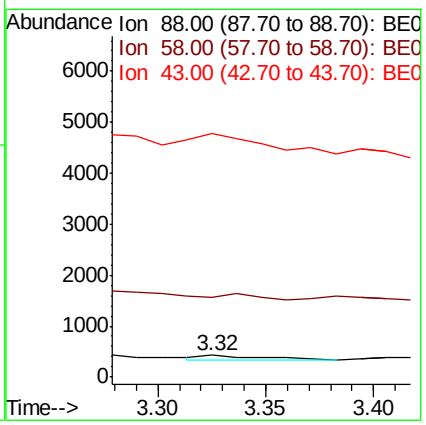


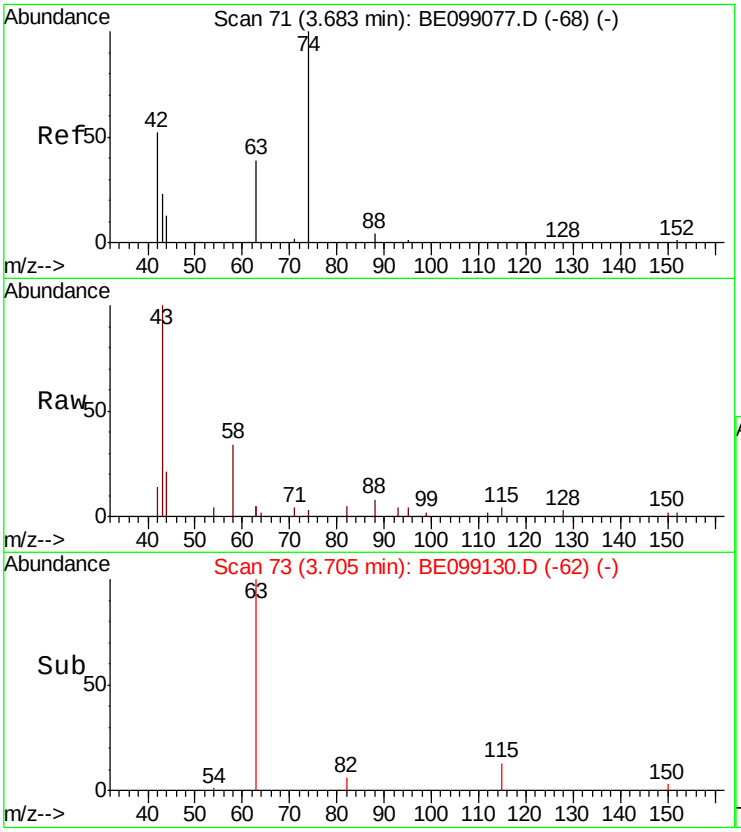


#2
1,4-Dioxane
Concen: 0.029 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion: 88 Resp: 182

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.0	78.0#
43	422.5	24.0	36.0#



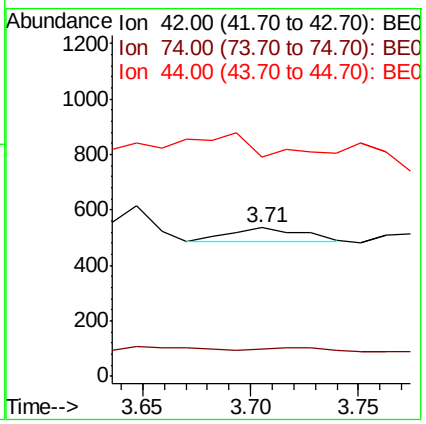


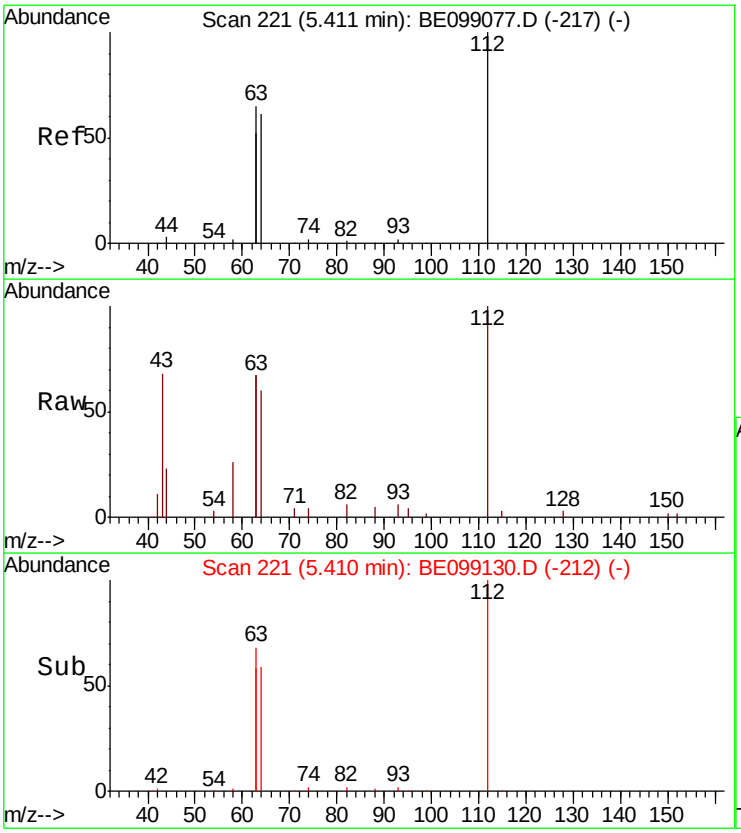
#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion: 42 Resp: 122

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	91.8	0.0	0.0#

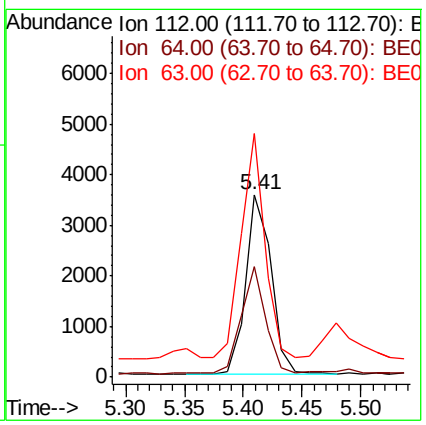


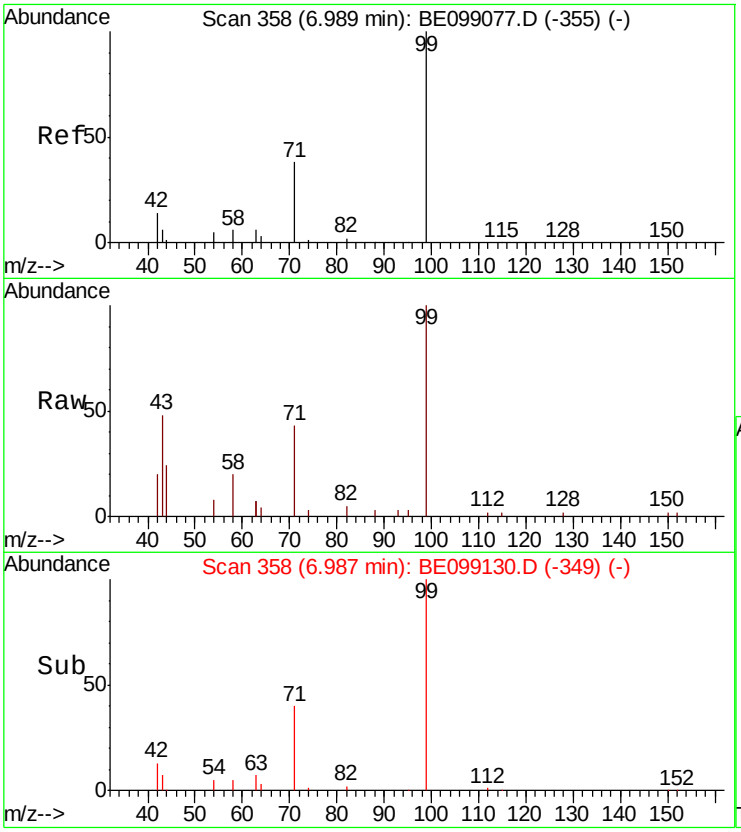


#4
2-Fluorophenol
Concen: 0.437 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:112 Resp: 5312

Ion	Ratio	Lower	Upper
112	100		
64	57.7	57.9	86.9#
63	117.6	158.3	237.5#



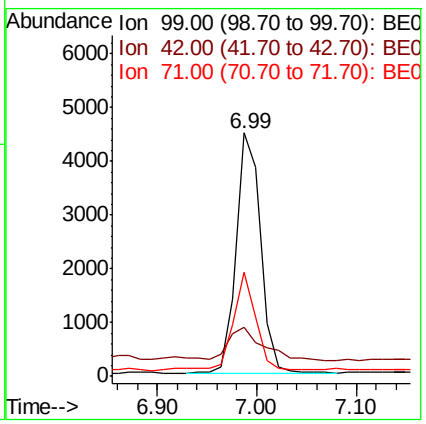


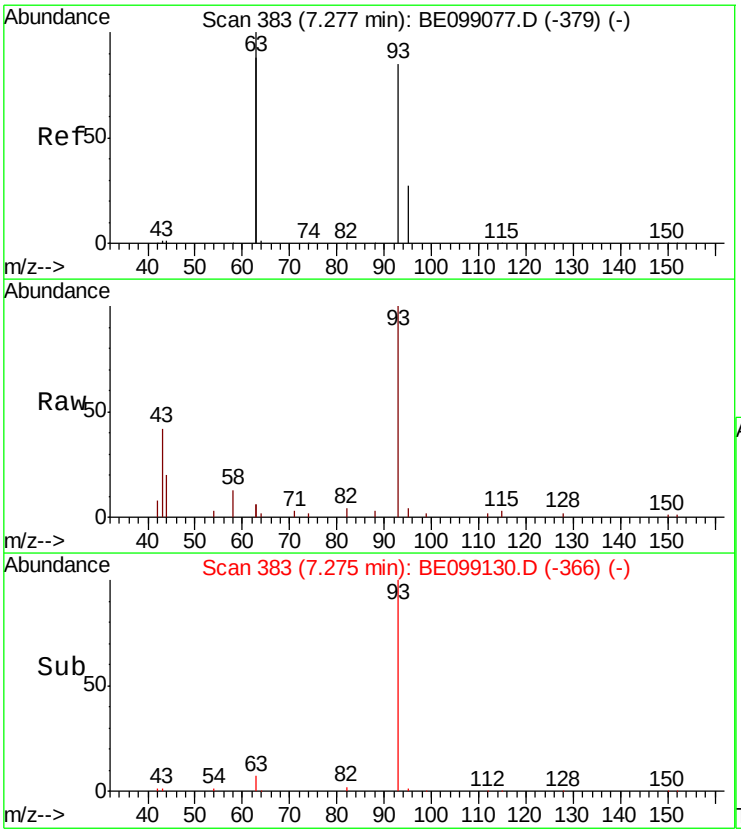
#5
Phenol-d6
Concen: 0.431 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion: 99 Resp: 7556

Ion	Ratio	Lower	Upper
99	100		
42	19.2	24.2	36.2#
71	38.0	35.7	53.5

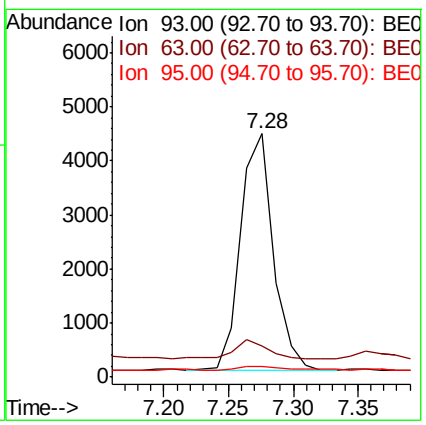


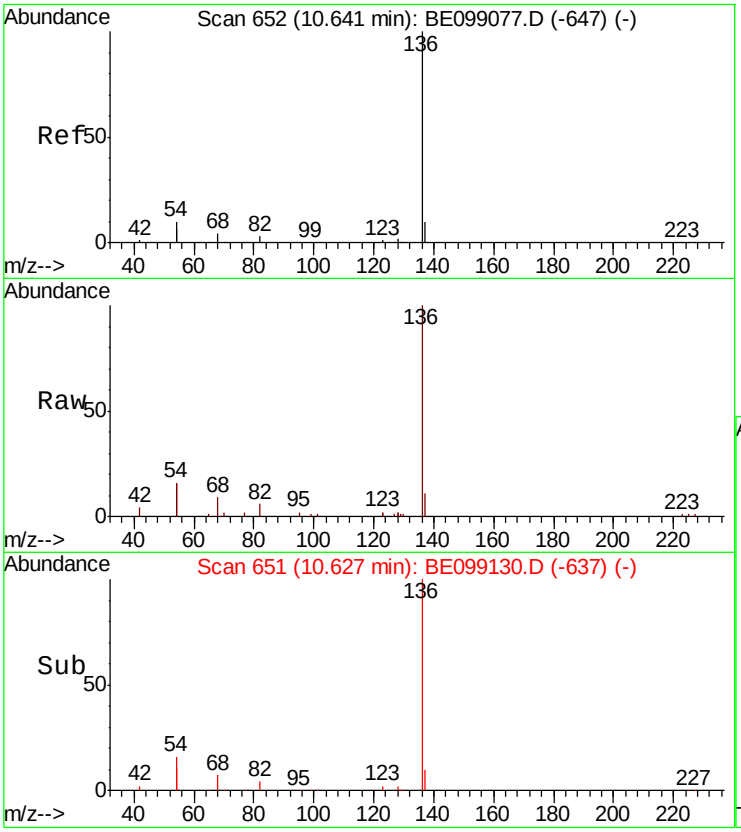


#6
bis(2-Chloroethyl)ether
Concen: 0.544 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion: 93 Resp: 7747

Ion	Ratio	Lower	Upper
93	100		
63	8.5	247.5	371.3#
95	2.5	21.8	32.8#



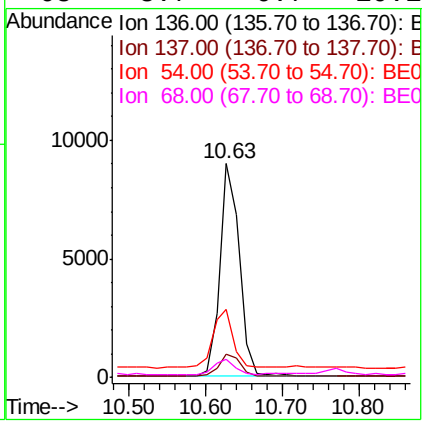


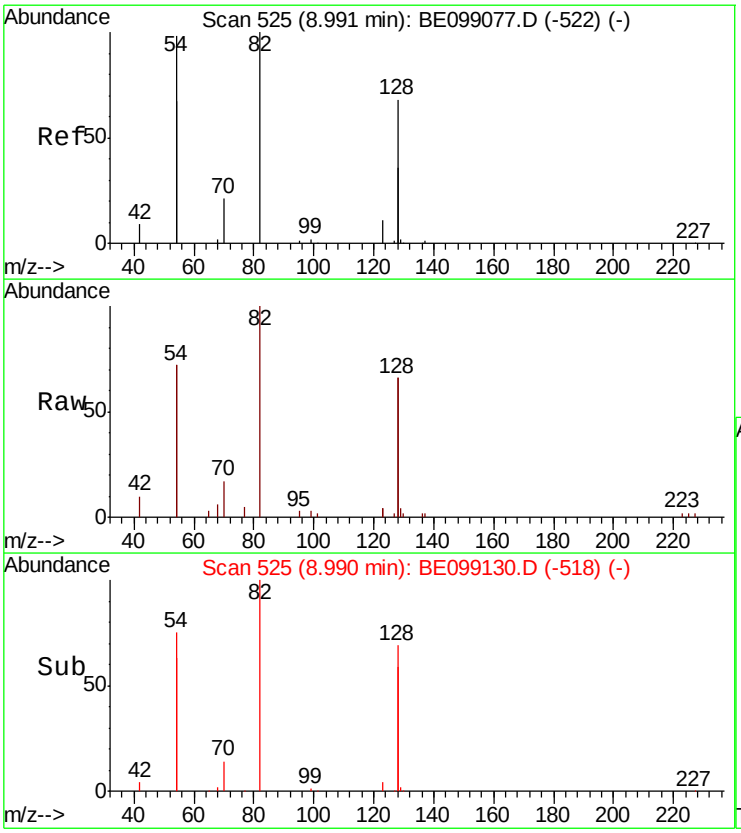
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:136 Resp: 15795

Ion	Ratio	Lower	Upper
136	100		
137	10.9	11.4	17.0#
54	31.6	39.3	58.9#
68	8.7	6.7	10.1

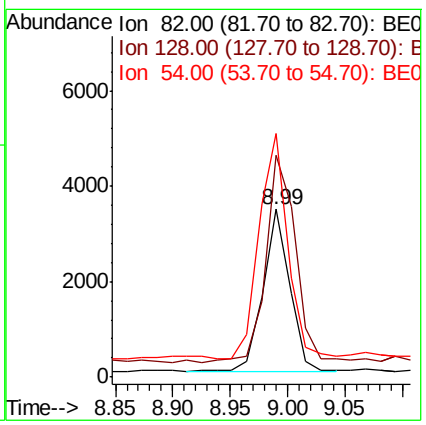


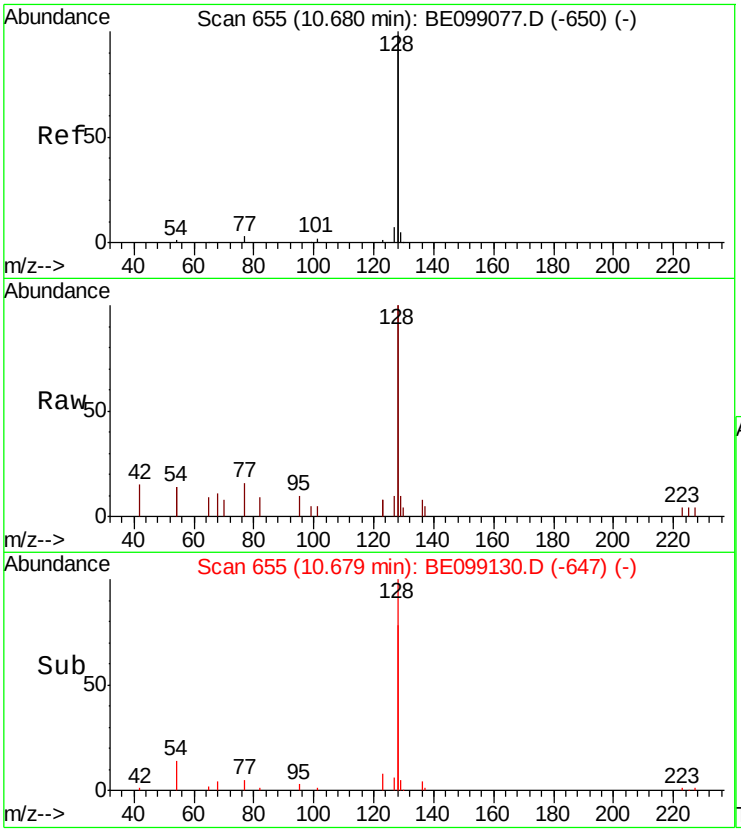


#8
Nitrobenzene-d5
Concen: 0.800 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion: 82 Resp: 5524

Ion	Ratio	Lower	Upper
82	100		
128	131.9	123.8	185.8
54	144.9	203.4	305.2#



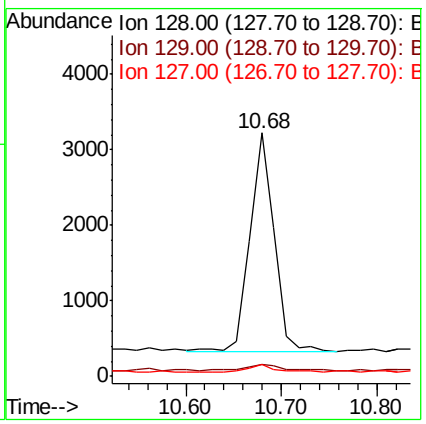


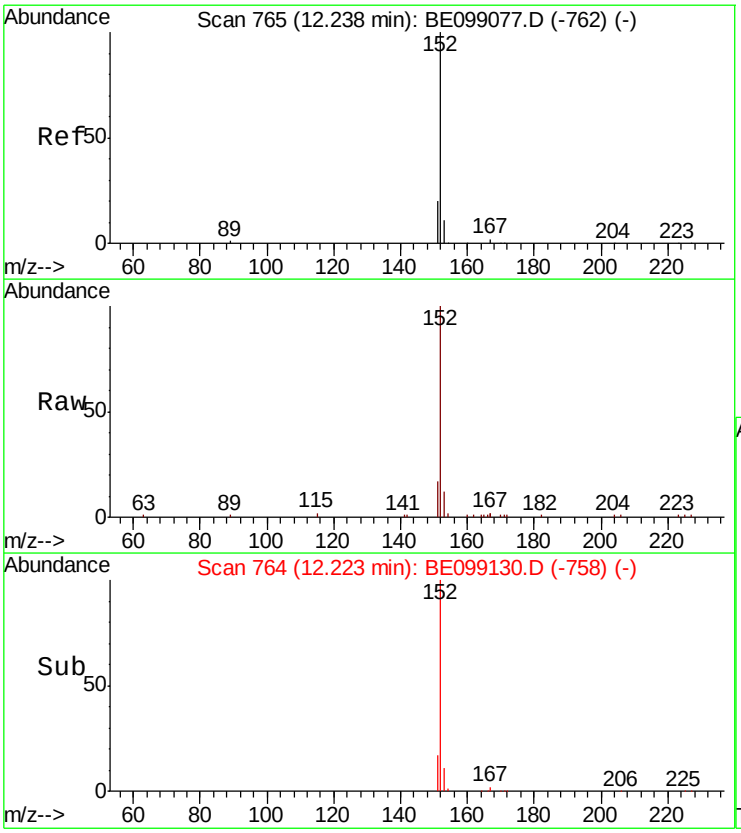
#9
Naphthalene
Concen: 0.027 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:128 Resp: 5070

Ion	Ratio	Lower	Upper
128	100		
129	5.0	2.6	4.0#
127	4.8	3.1	4.7#

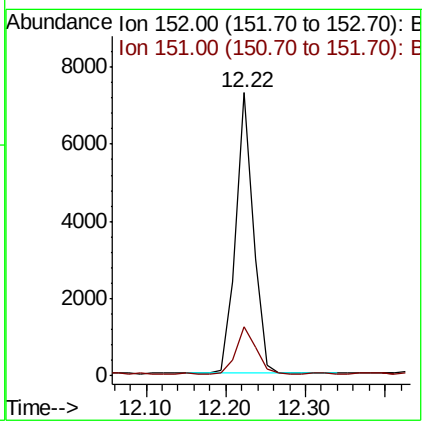


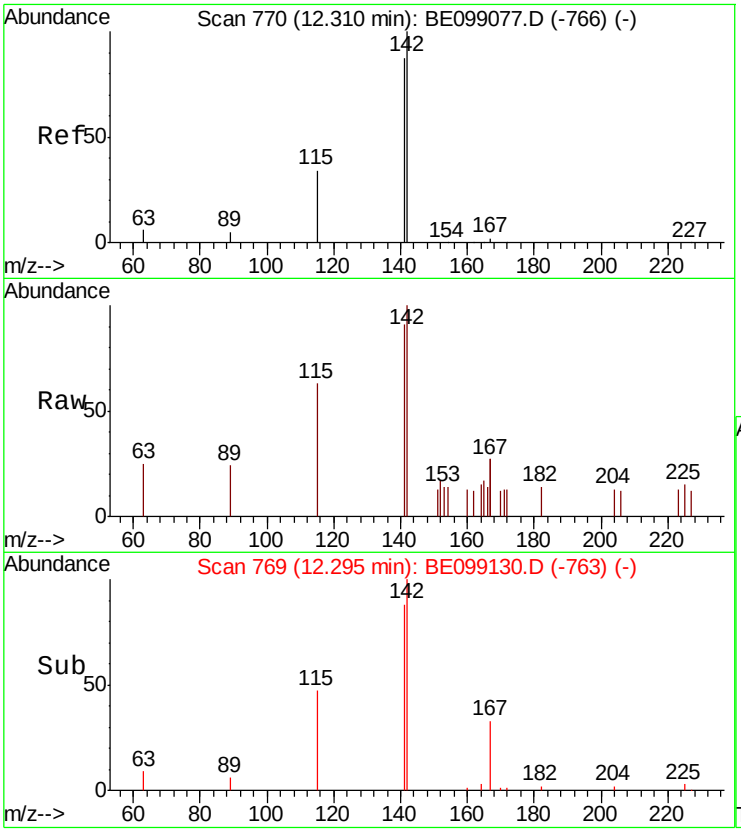


#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:152 Resp: 11220

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.5	24.7



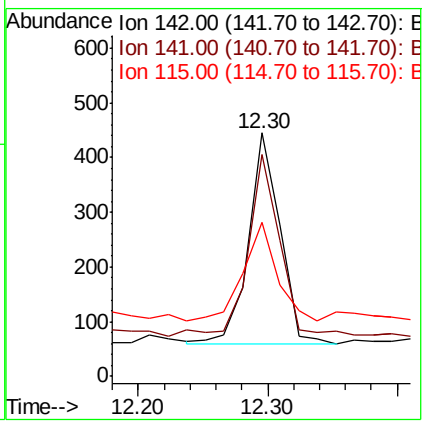


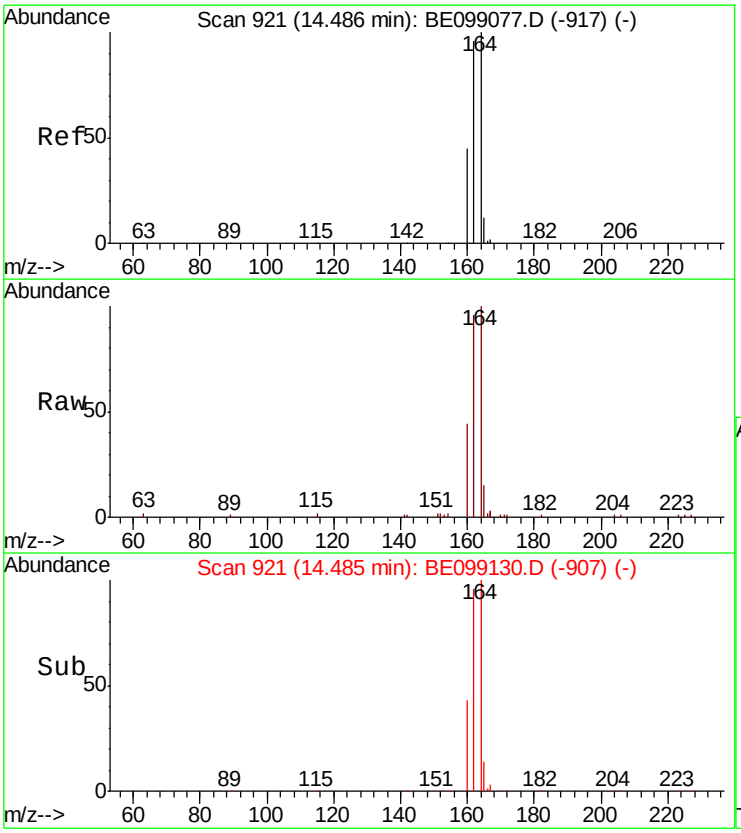
#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:142 Resp: 646

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8
115	63.1	37.4	56.2#

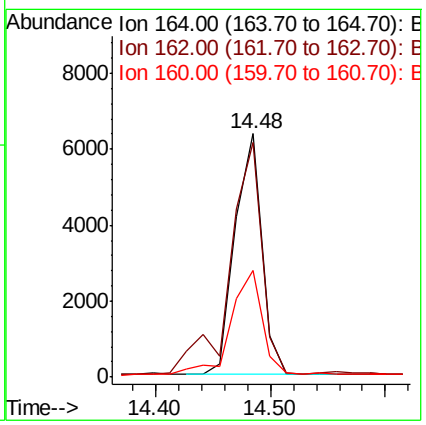


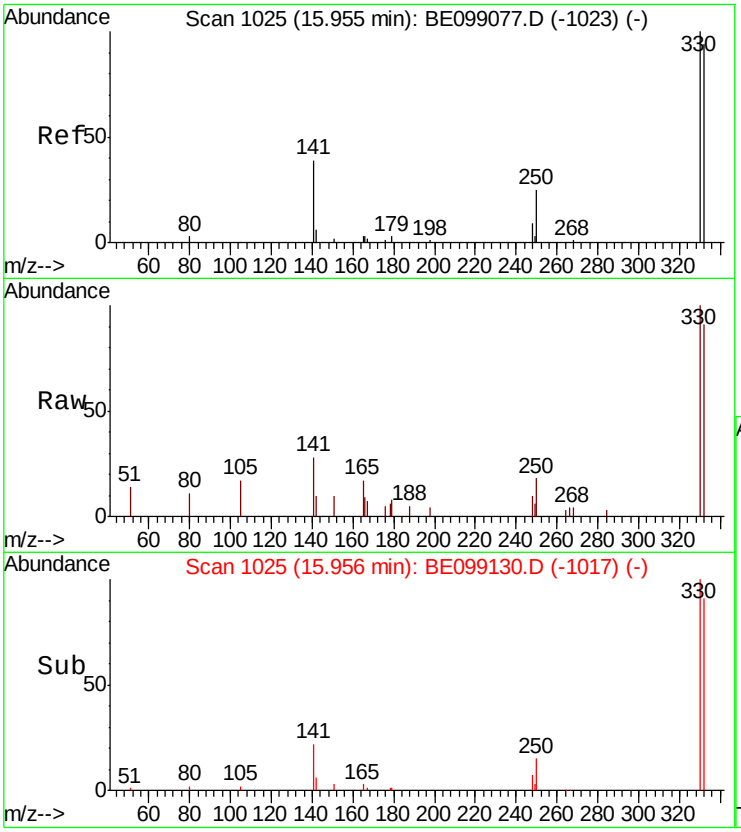


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:164 Resp: 10245

Ion	Ratio	Lower	Upper
164	100		
162	96.2	80.2	120.2
160	43.7	37.8	56.8



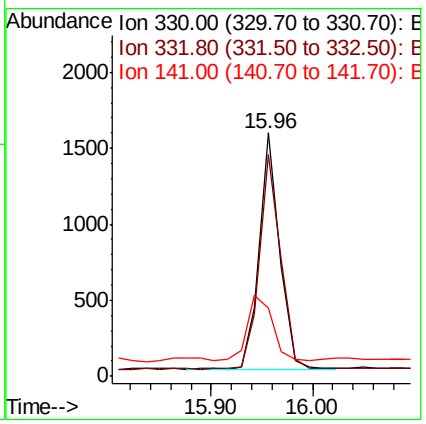


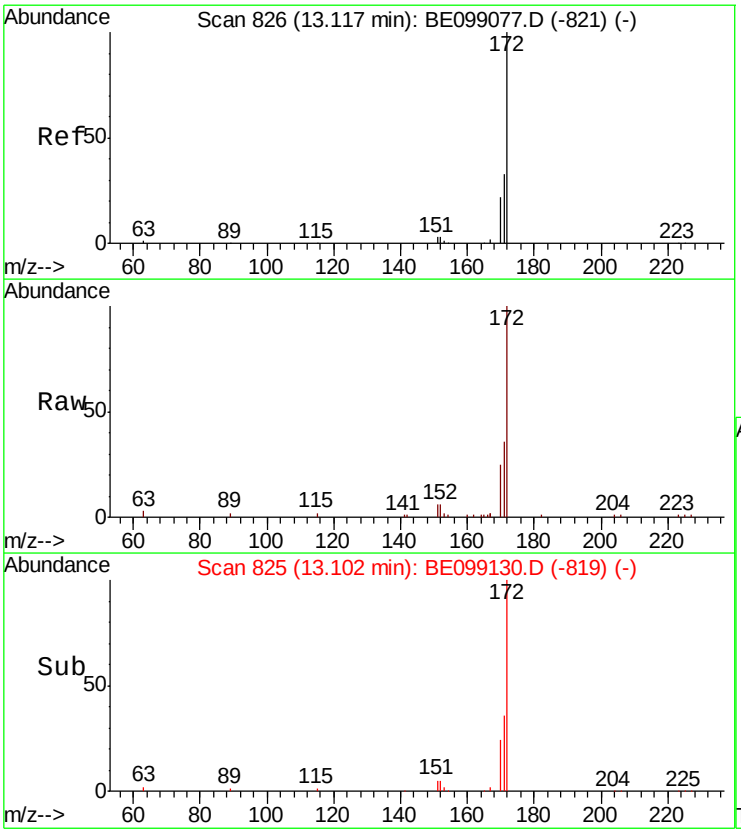
#14
2,4,6-Tribromophenol
Concen: 0.723 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:330 Resp: 2177

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	34.0	31.0	46.4

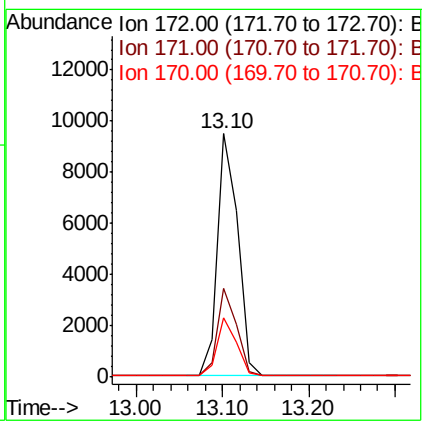


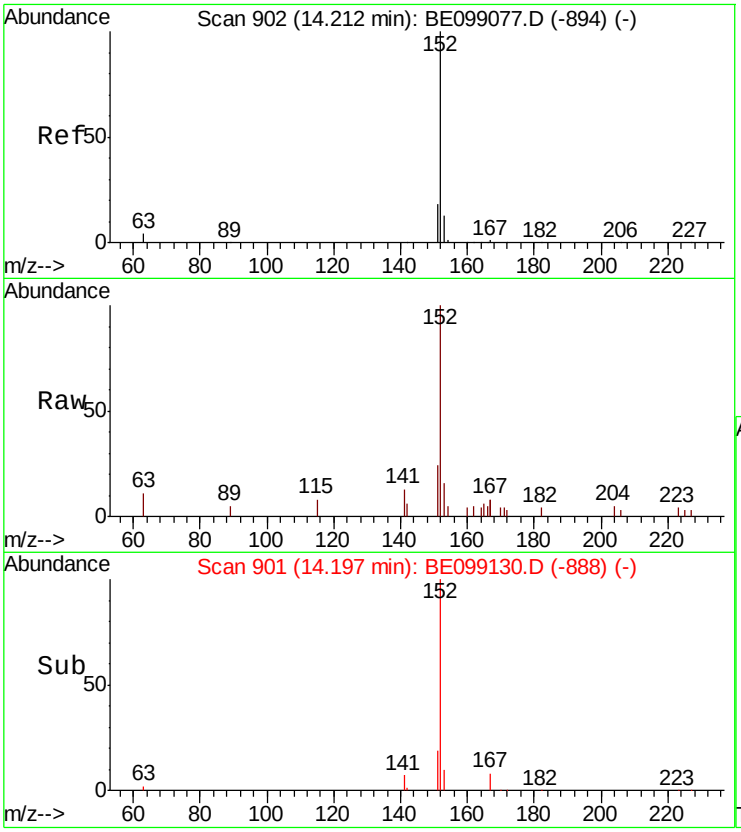


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:172 Resp: 15502

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.0	42.0
170	24.6	17.7	26.5



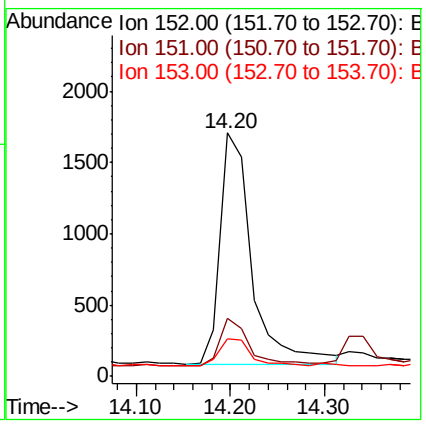


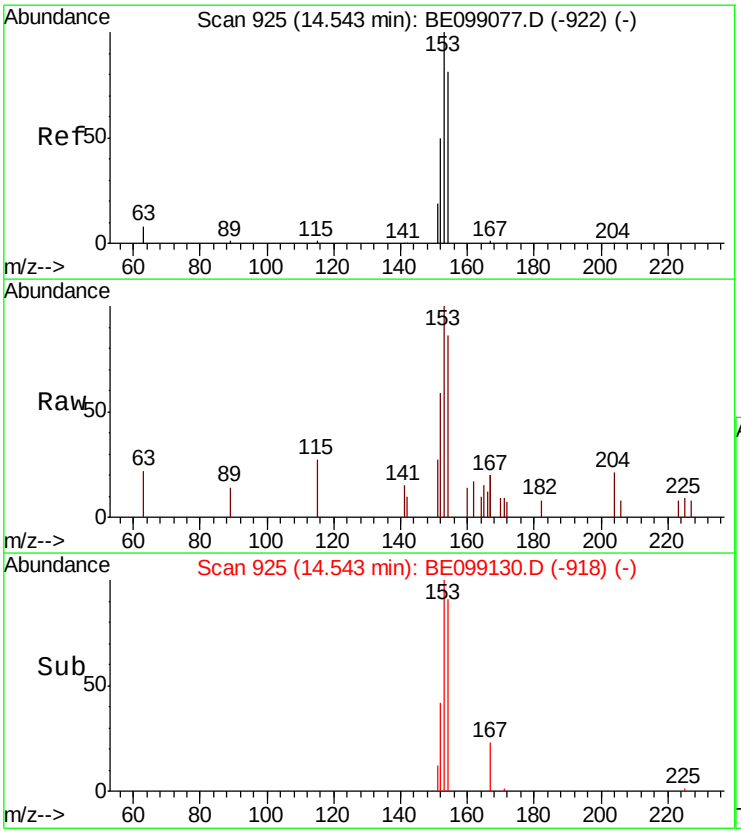
#16
Acenaphthylene
Concen: 0.070 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:152 Resp: 3823

Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.0	25.6
153	11.8	11.2	16.8

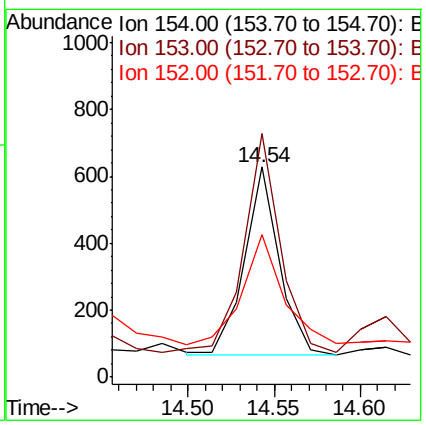


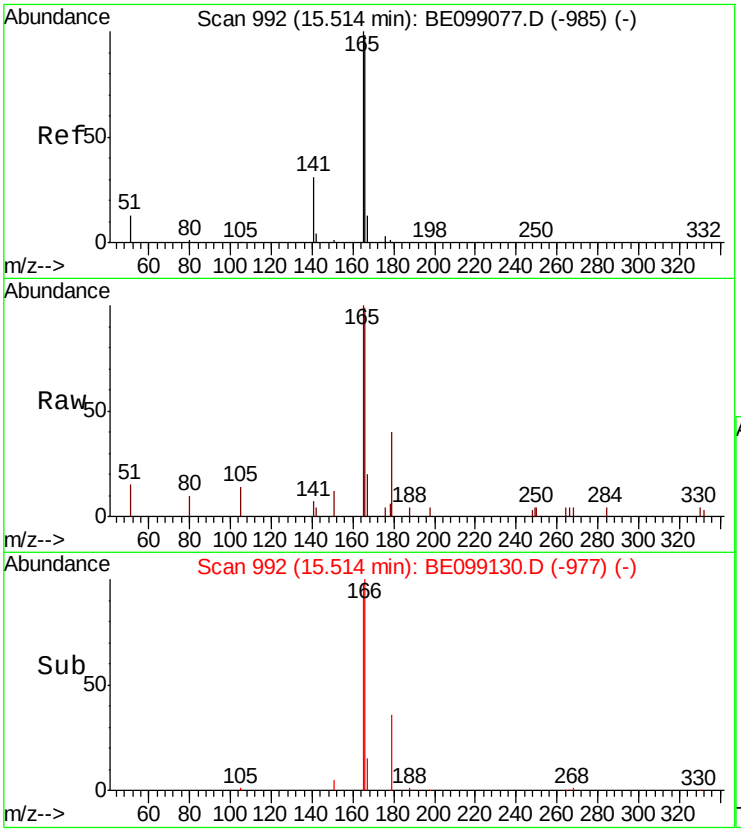


#17
Acenaphthene
Concen: 0.024 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:154 Resp: 782

Ion	Ratio	Lower	Upper
154	100		
153	121.9	94.2	141.4
152	69.4	45.0	67.4#



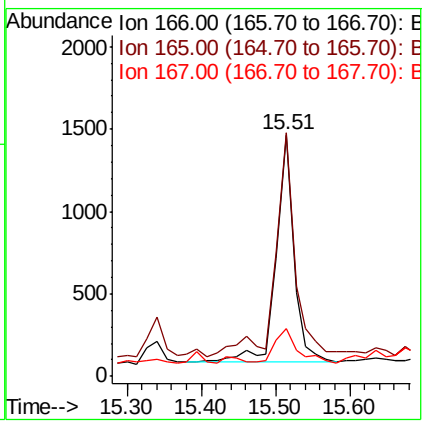


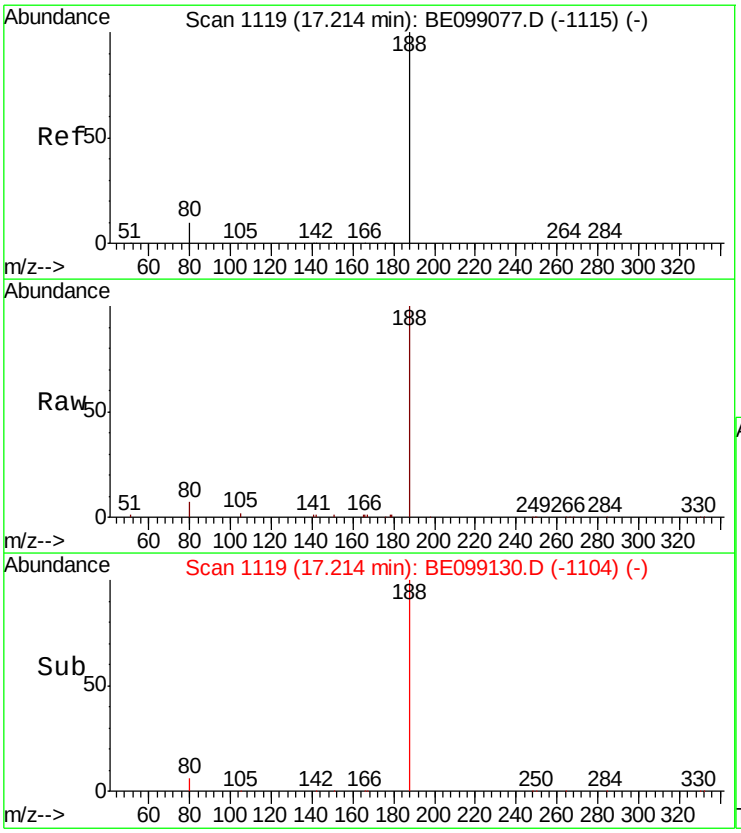
#18
Fluorene
Concen: 0.048 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:166 Resp: 2281

Ion	Ratio	Lower	Upper
166	100		
165	108.3	79.3	118.9
167	19.6	10.5	15.7#

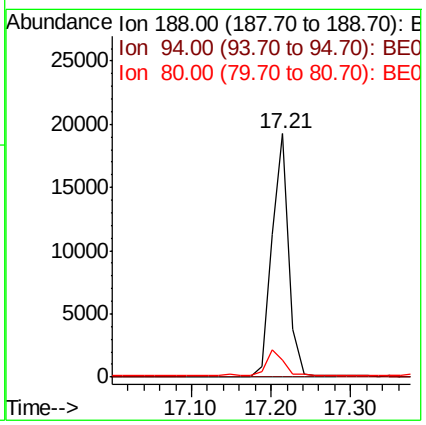


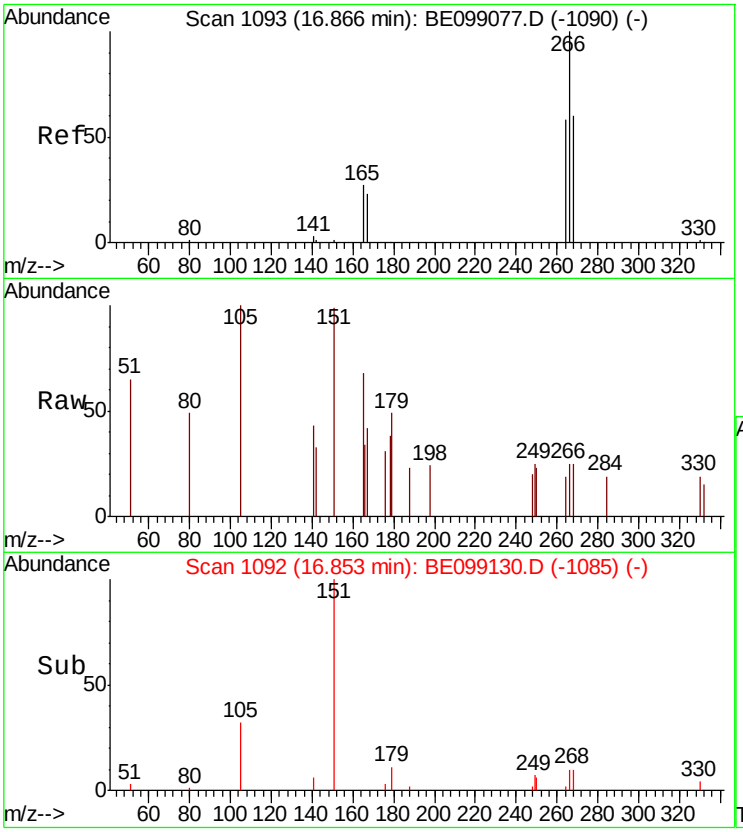


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:188 Resp: 28215

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.3	9.5



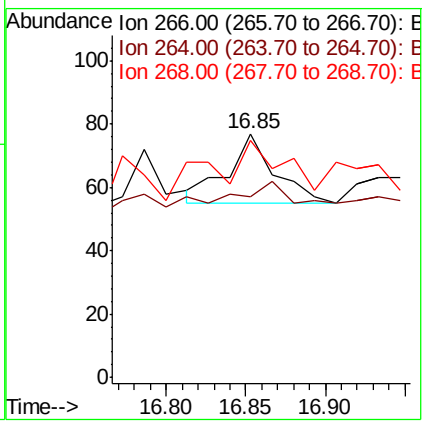


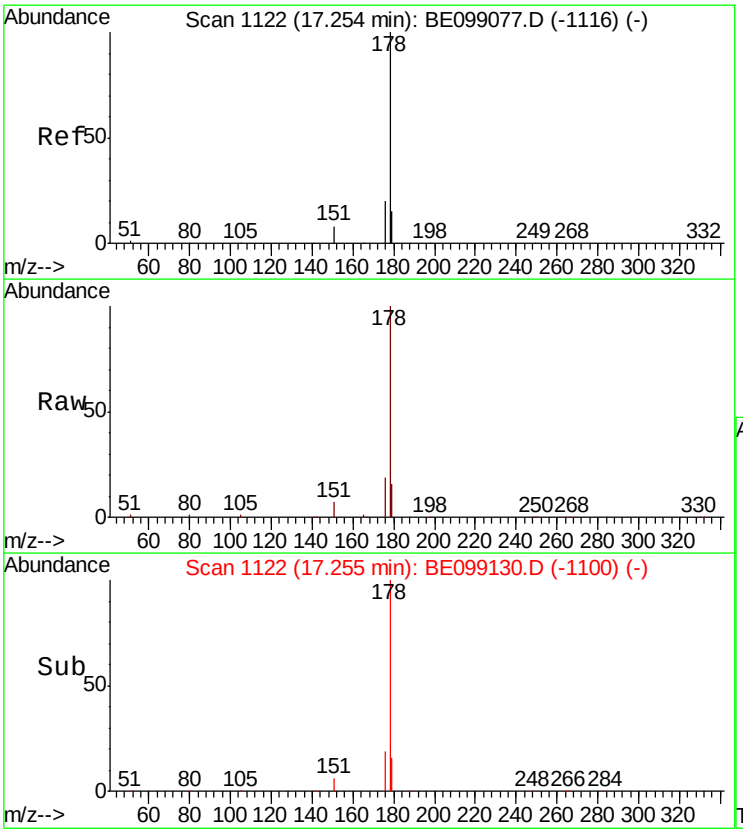
#22
Pentachlorophenol
Concen: 0.259 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
264	74.0	66.6	100.0
268	97.4	69.8	104.8

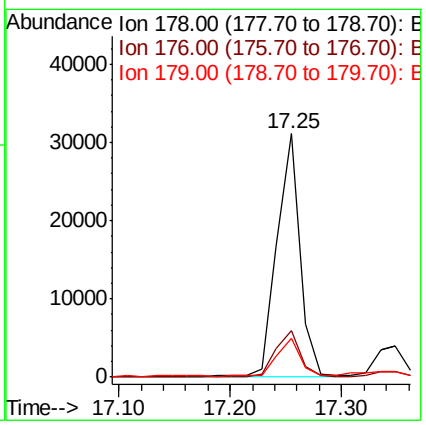


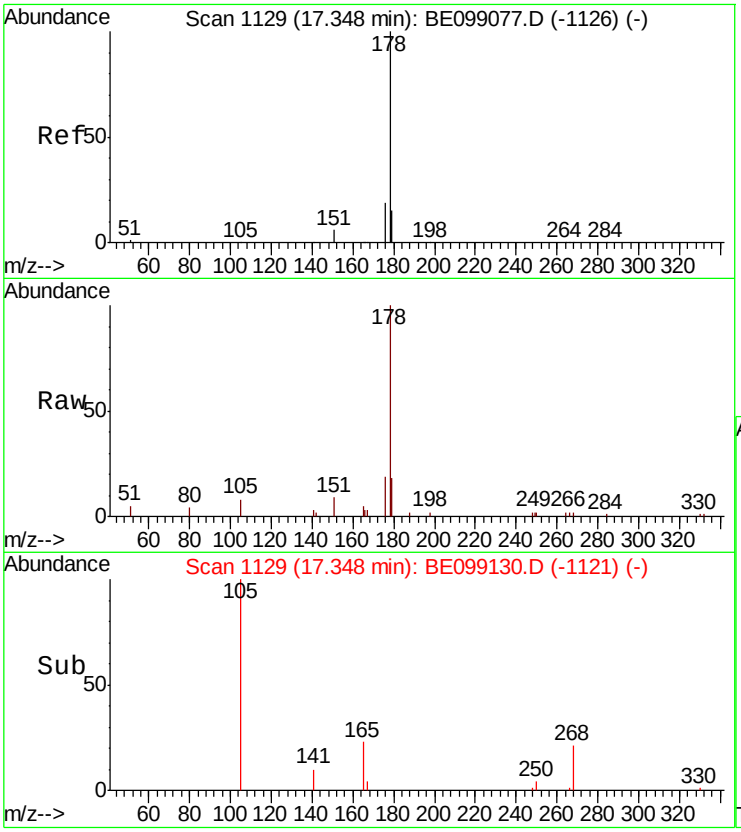


#23
Phenanthrene
Concen: 0.536 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:178 Resp: 44892

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.8	12.1	18.1



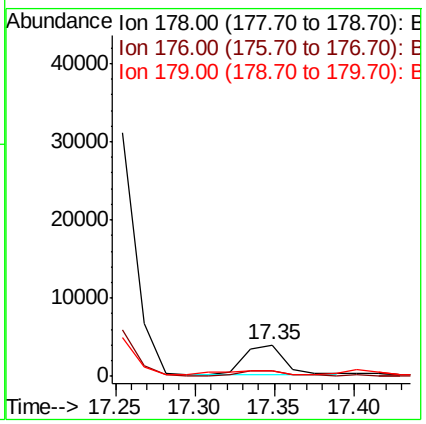


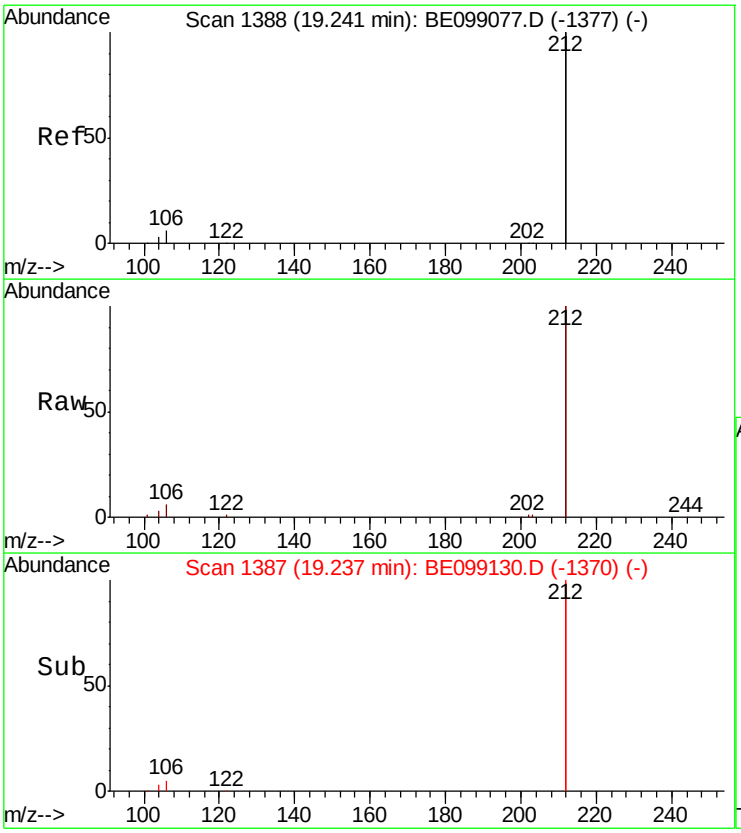
#24
Anthracene
Concen: 0.086 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:178 Resp: 6850

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	20.0	12.2	18.4#

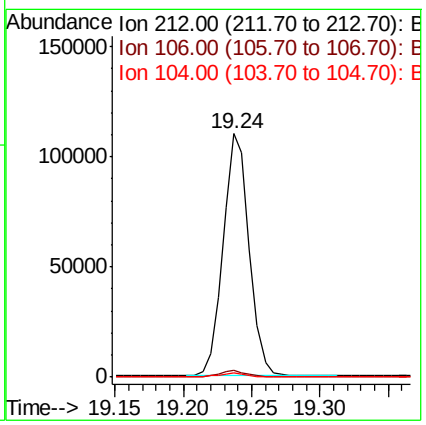


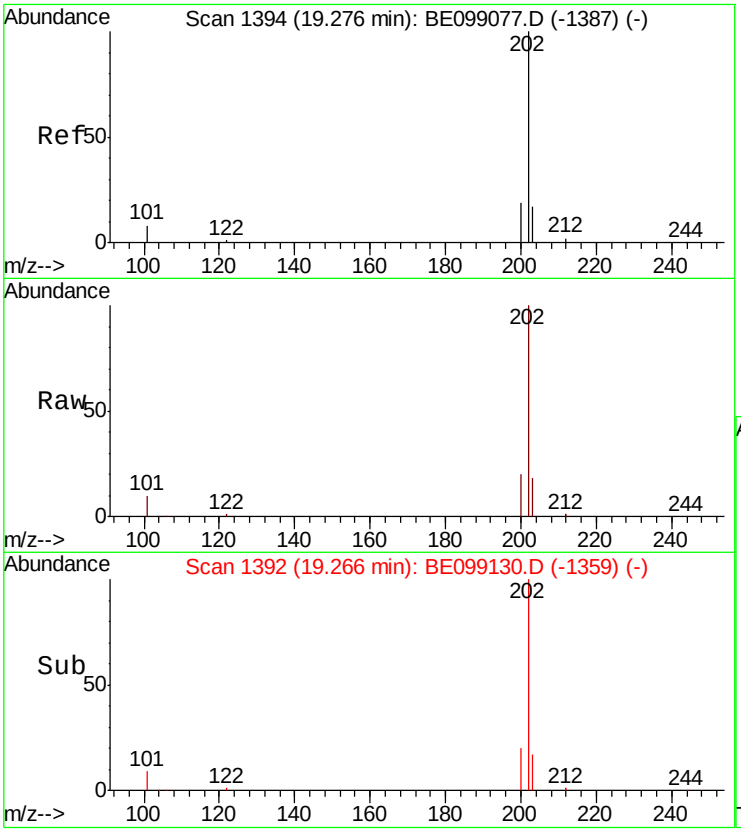


#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:212 Resp: 145651

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



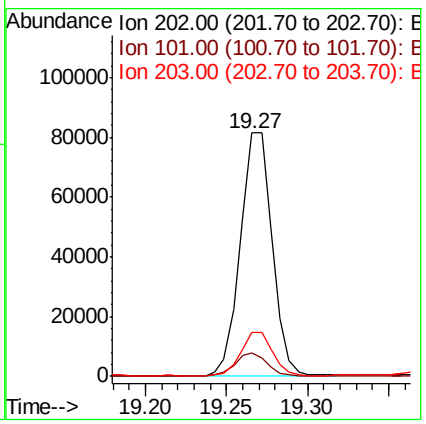


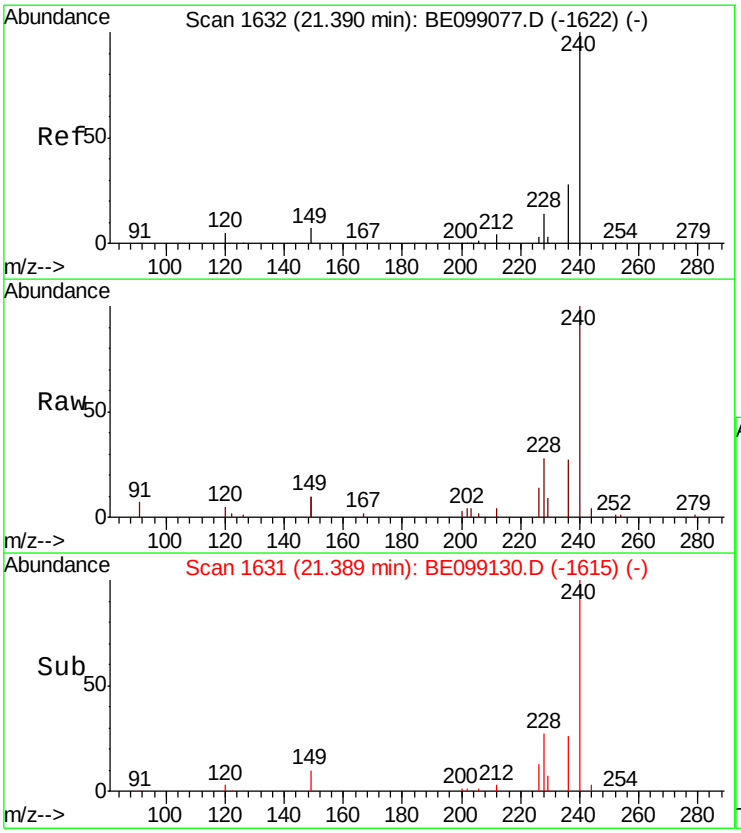
#26
Fluoranthene
Concen: 0.937 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:202 Resp: 110413

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.3	10.9
203	17.4	13.4	20.2

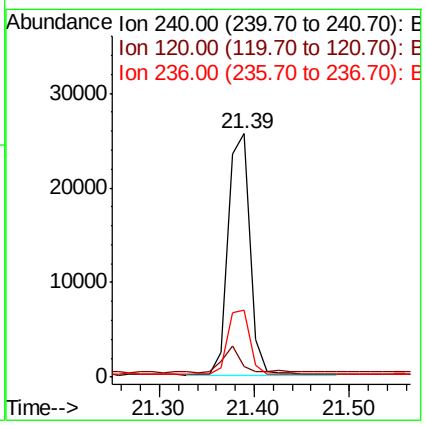


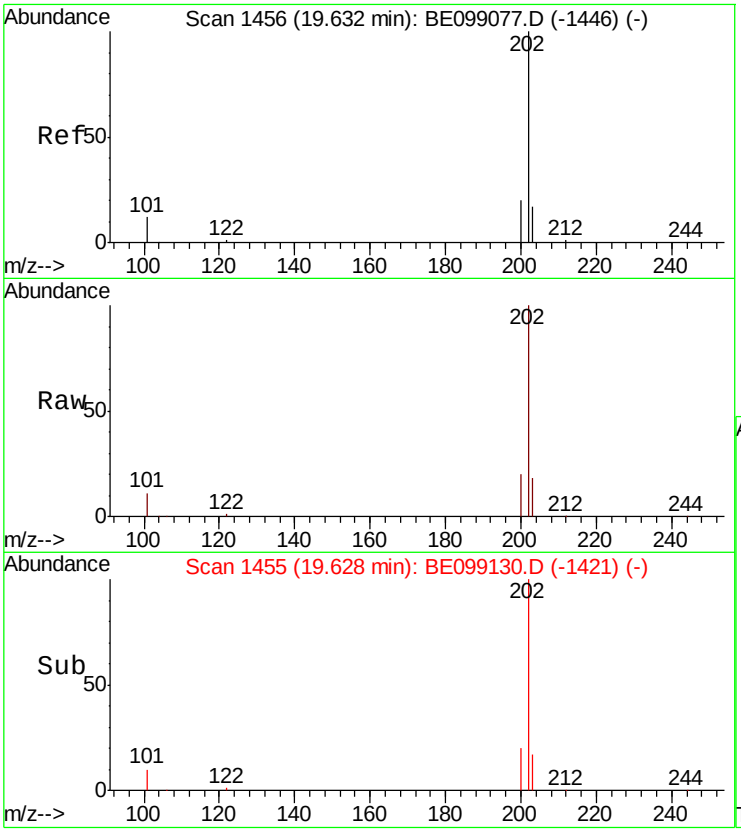


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:240 Resp: 40644

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.0	7.4#
236	27.4	22.7	34.1



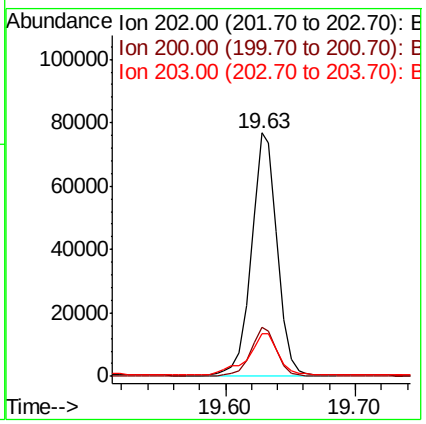


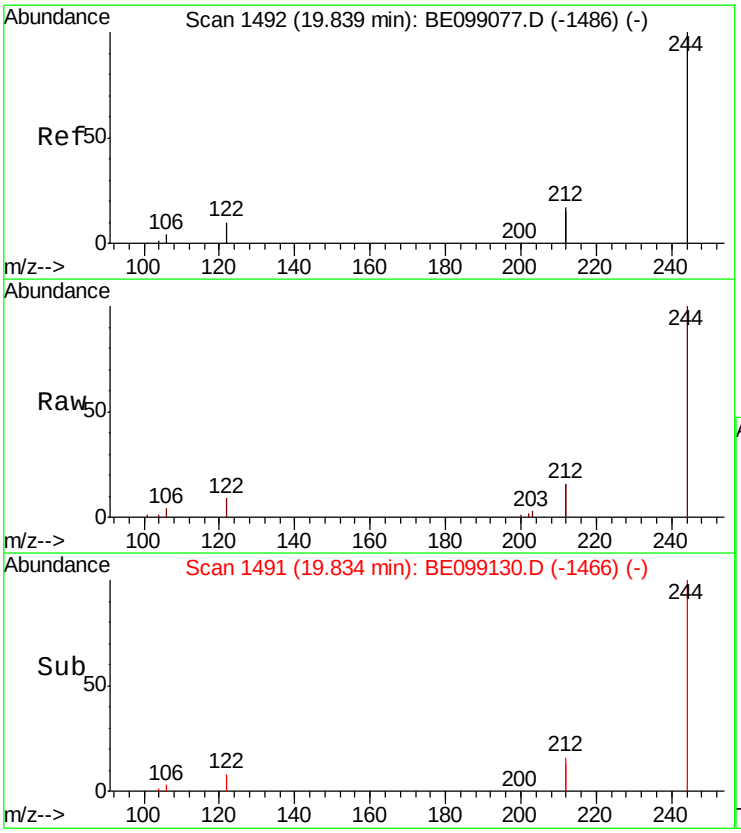
#28
Pyrene
Concen: 0.764 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:202 Resp: 105391

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	20.9	14.2	21.2

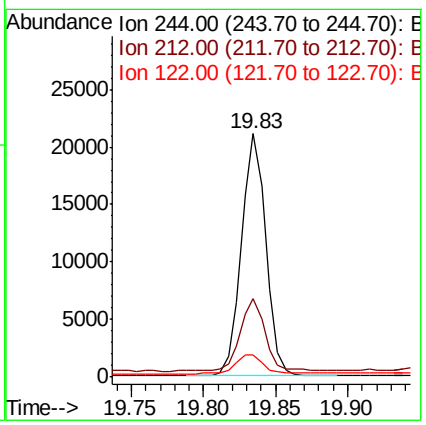


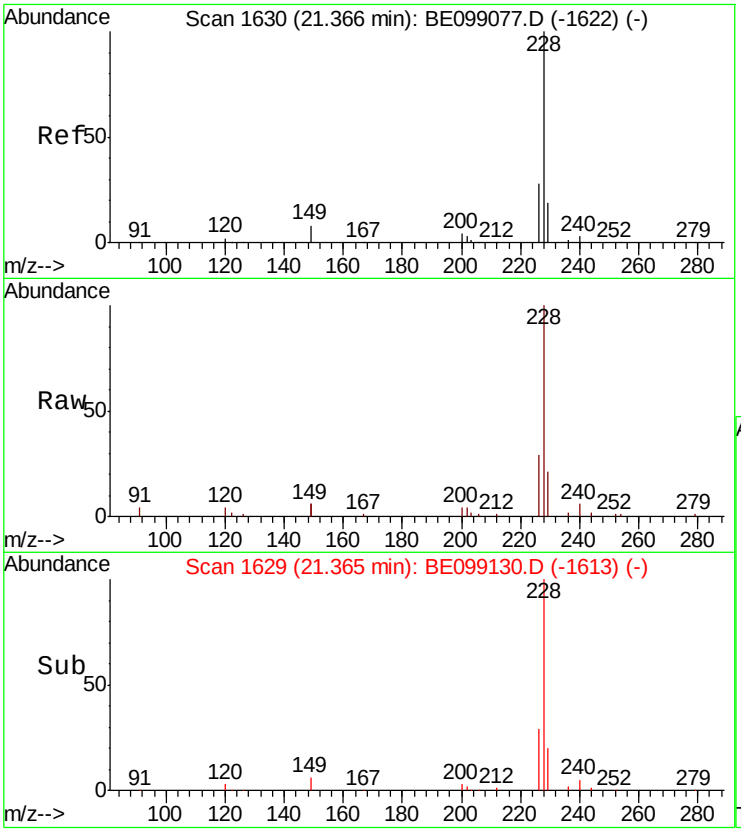


#29
Terphenyl-d14
Concen: 0.289 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:244 Resp: 24858

Ion	Ratio	Lower	Upper
244	100		
212	32.2	29.4	44.2
122	8.9	7.1	10.7



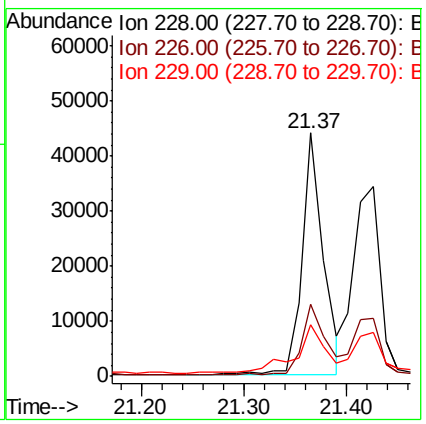


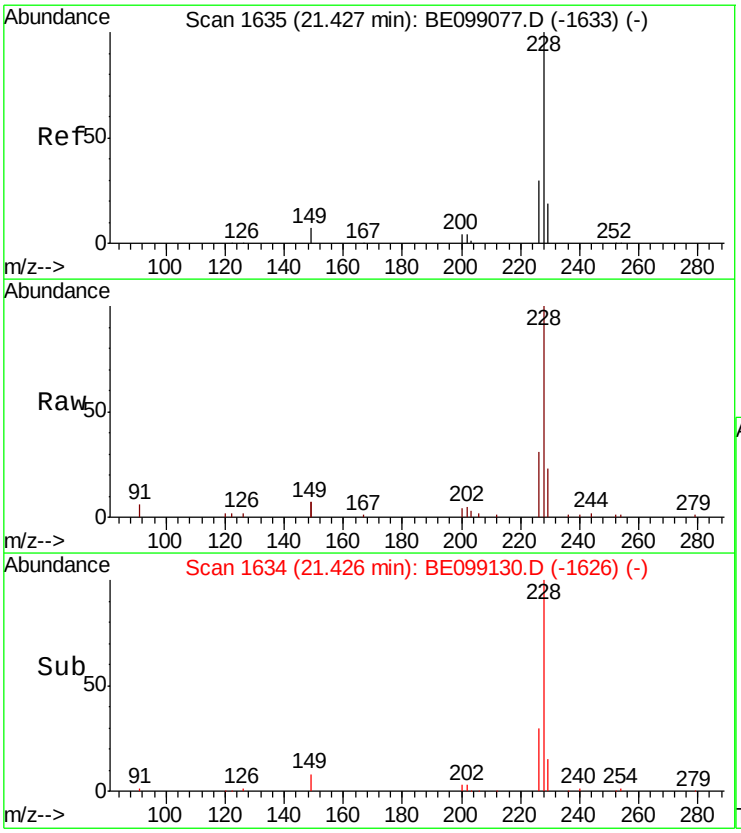
#30
Benzo(a)anthracene
Concen: 0.439 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:228 Resp: 62851

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.4	16.5	24.7

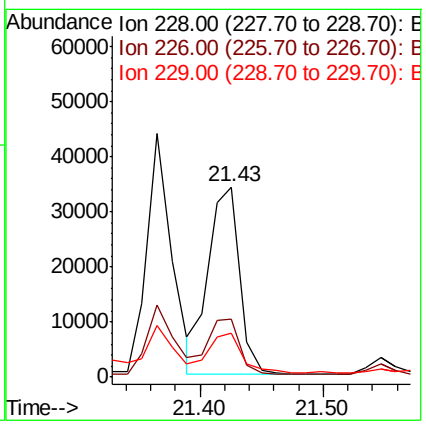


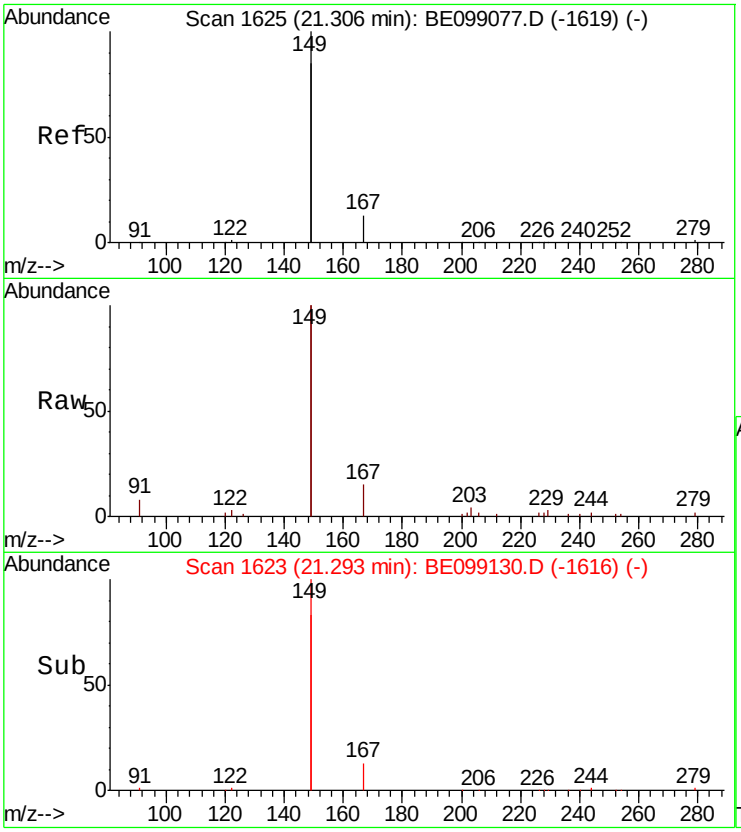


#31
Chrysene
Concen: 0.420 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:228 Resp: 60134

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	23.4	16.1	24.1



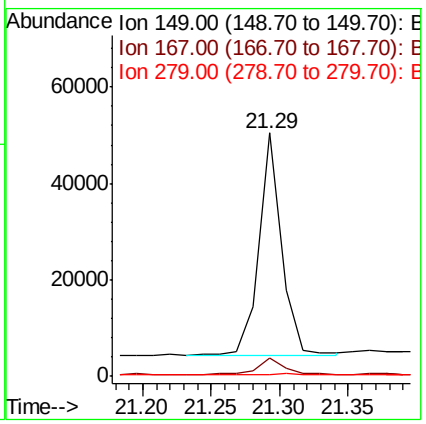


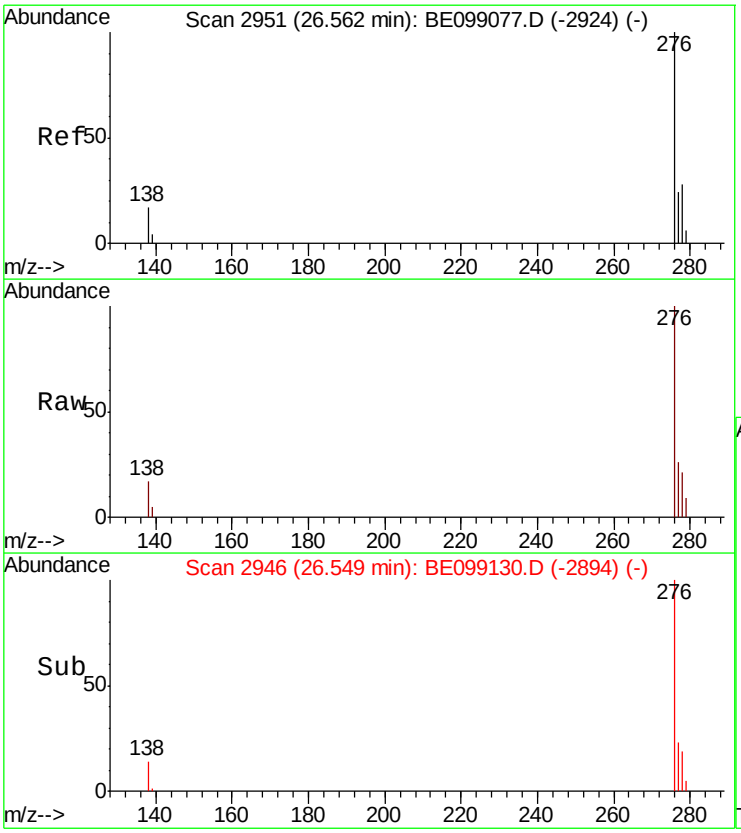
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.283 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:149 Resp: 52671

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	1.2	1.0	1.4

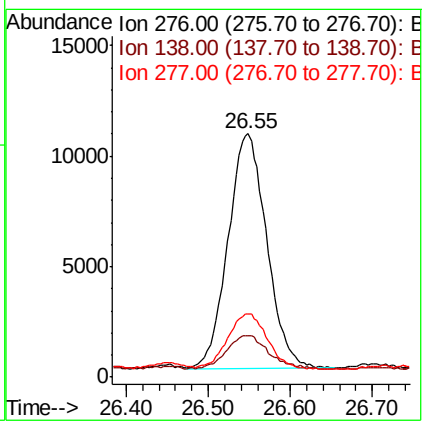


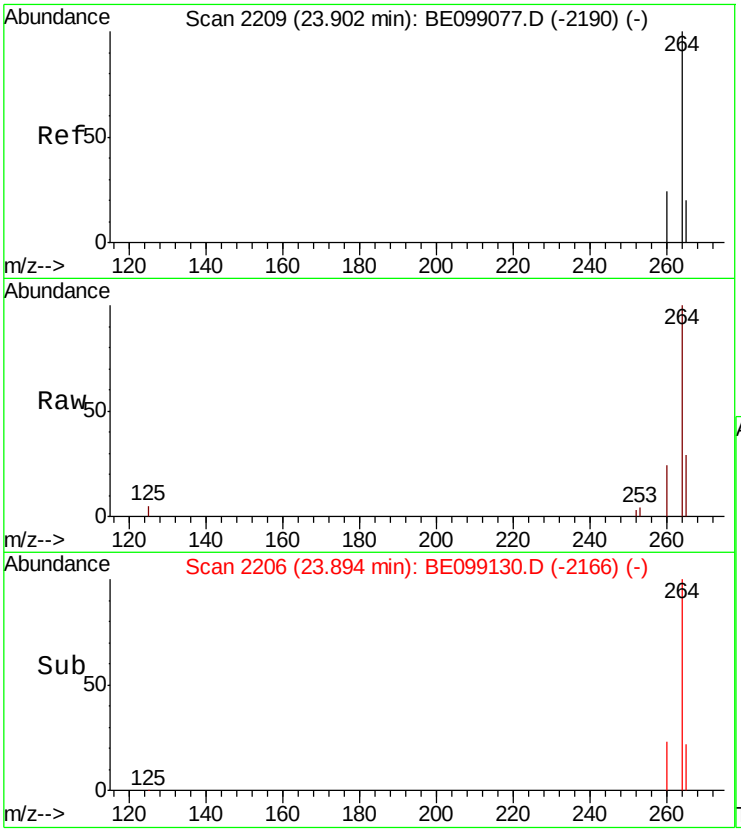


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:276 Resp: 34823

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.8	20.8
277	23.8	19.5	29.3



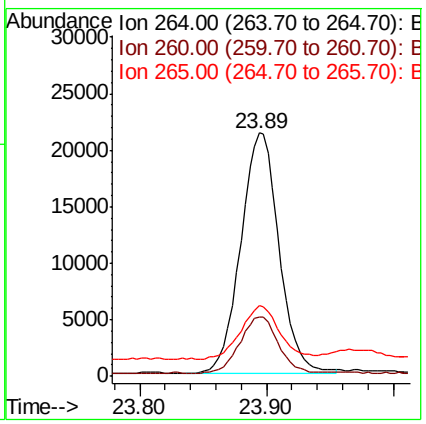


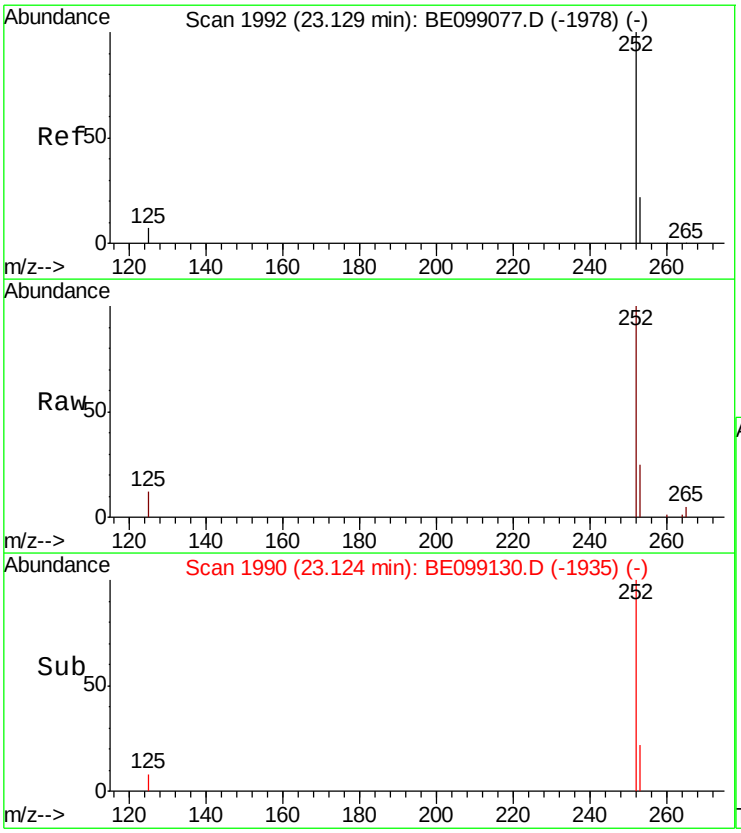
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:264 Resp: 44637

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.2	31.8
265	28.9	24.6	36.8

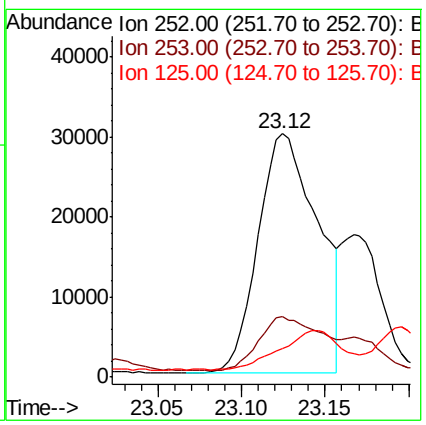


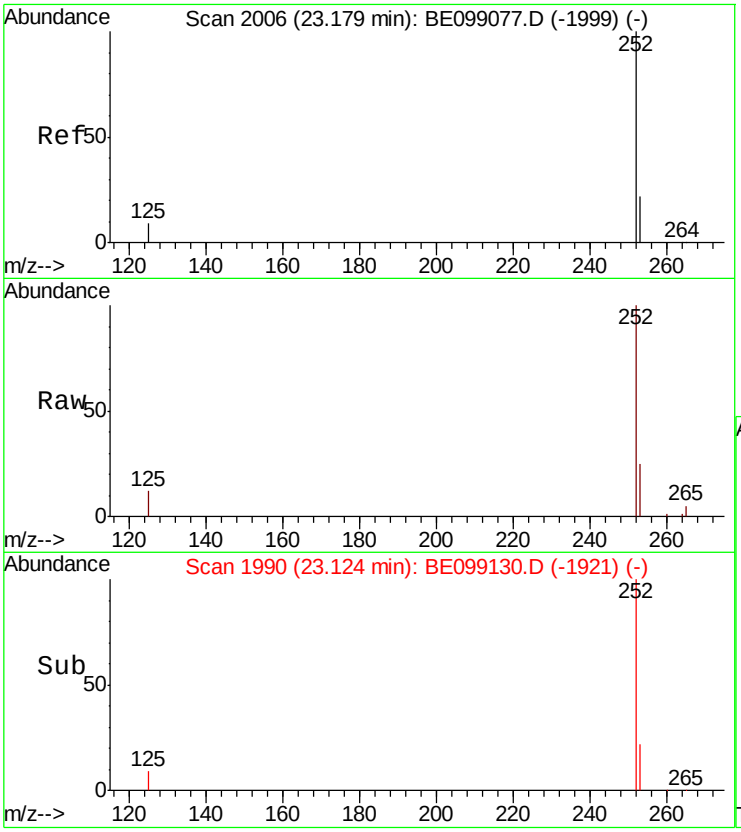


#35
Benzo(b)fluoranthene
Concen: 0.482 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:252 Resp: 74375

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	11.9	7.3	10.9#



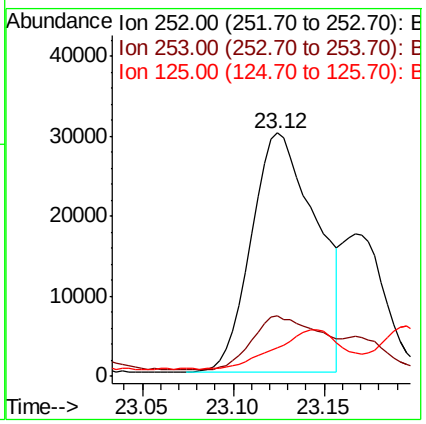


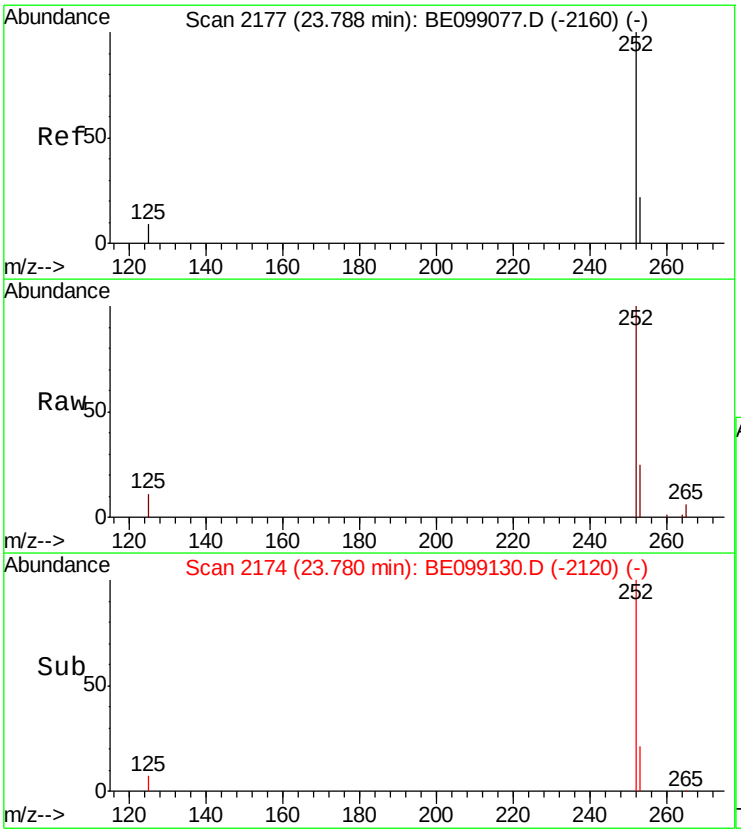
#36
Benzo(k)fluoranthene
Concen: 0.491 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.05 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:252 Resp: 74302

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	11.9	7.5	11.3#

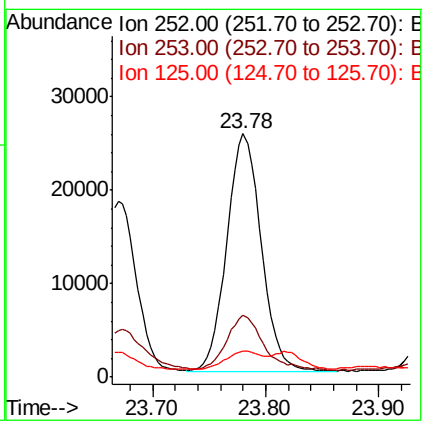


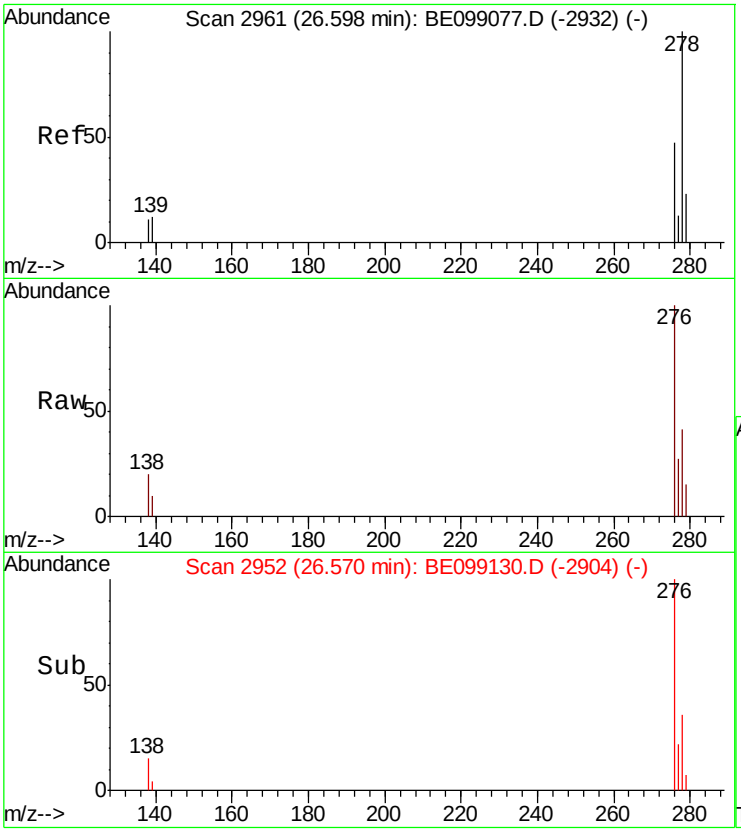


#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:252 Resp: 53519

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	10.7	9.0	13.4



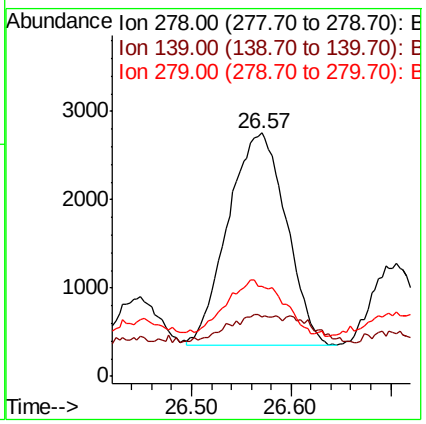


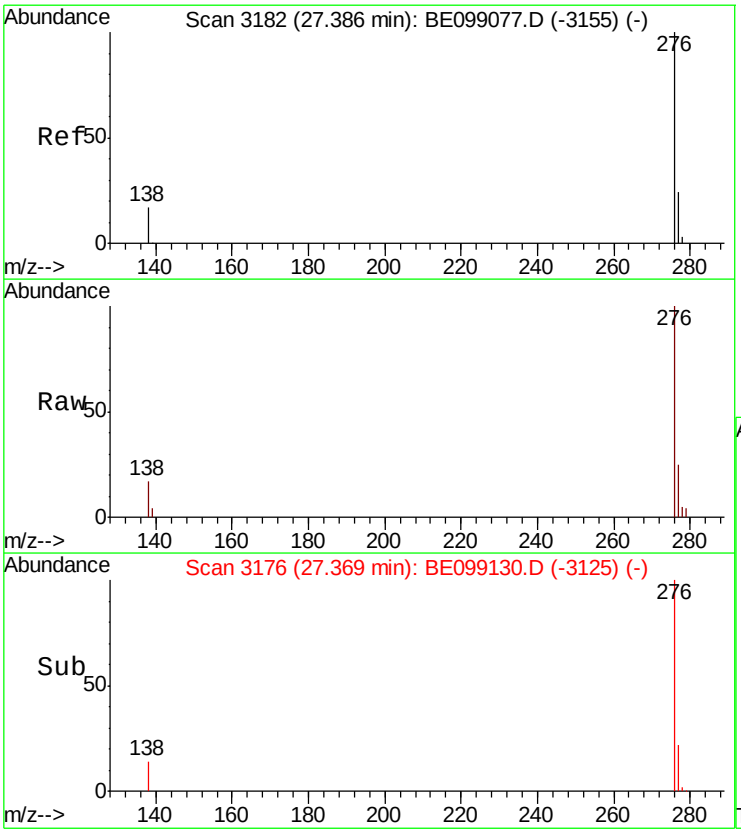
#38
Dibenzo(a,h)anthracene
Concen: 0.070 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Instrument :
BNA_E
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:278 Resp: 9782

Ion	Ratio	Lower	Upper
278	100		
139	24.4	11.8	17.6#
279	36.7	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.249 ng
RT: 27.37 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BE099130.D
Acq: 24 Mar 2019 3:06

Tgt Ion:276 Resp: 35430

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.4	30.6
138	17.4	13.6	20.4