Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099134.D
Acq On : 24 Mar 2019 5:35
Operator : JU/SJ
Sample : K2014-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW075-031819MS

Quant Time: Mar 24 23:02:03 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	4138	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	15768	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9726	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24994	0.40	ng		0.00
27) Chrysene-d12	21.38	240	37824	0.40	ng		-0.01
34) Perylene-d12	23.90	264	41952	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4806	0.39	ng		0.00
5) Phenol-d6	6.99	99	6569	0.37	ng		0.00
8) Nitrobenzene-d5	8.99	82	4950	0.72	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14112	0.50	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1781	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	13441	0.35	ng		-0.02
25) Fluoranthene-d10	19.24	212	128485	0.39	ng		0.00
29) Terphenyl-d14	19.83	244	22503	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1657	0.258	ng	#	73
3) n-Nitrosodimethylamine	3.66	42	1159	0.350	ng	#	91
6) bis(2-Chloroethyl)ether	7.27	93	5206	0.361	ng	#	86
9) Naphthalene	10.68	128	67424	0.363	ng		99
10) Hexachlorobutadiene	10.96	225	3288	0.362	ng		98
12) 2-Methylnaphthalene	12.30	142	11597	0.364	ng		95
16) Acenaphthylene	14.20	152	21336	0.411	ng		96
17) Acenaphthene	14.54	154	10302	0.335	ng		99
18) Fluorene	15.51	166	15563	0.347	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	4940	0.357	ng	#	62
21) Hexachlorobenzene	16.52	284	4678	0.364	ng		93
22) Pentachlorophenol	16.85	266	5508	1.298	ng	#	77
23) Phenanthrene	17.25	178	54125	0.729	ng		99
24) Anthracene	17.35	178	27460	0.391	ng		99
26) Fluoranthene	19.27	202	90580	0.867	ng		99
28) Pyrene	19.63	202	111725	0.871	ng		97
30) Benzo(a)anthracene	21.37	228	83160	0.624	ng		99
31) Chrysene	21.42	228	82388	0.619	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	99779	0.577	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	71510	0.500	ng		99
35) Benzo(b)fluoranthene	23.12	252	82811	0.571	ng		98
36) Benzo(k)fluoranthene	23.17	252	62884	0.442	ng		98
37) Benzo(a)pyrene	23.78	252	75988	0.566	ng		96
38) Dibenzo(a,h)anthracene	26.58	278	47172	0.362	ng		99
39) Benzo(g,h,i)perylene	27.38	276	67924	0.507	ng		98

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
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Acq On : 24 Mar 2019 5:35
Operator : JU/SJ
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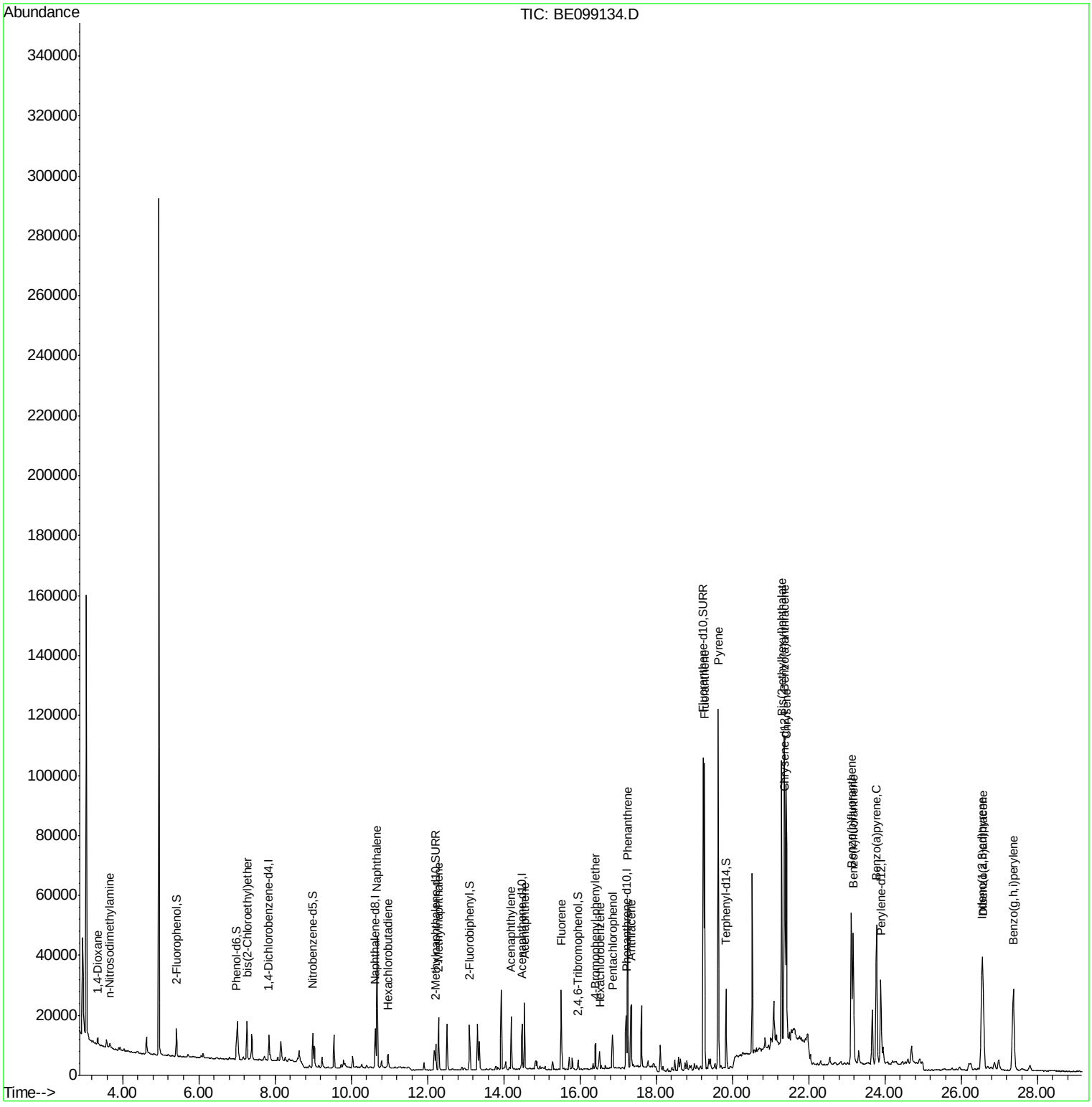
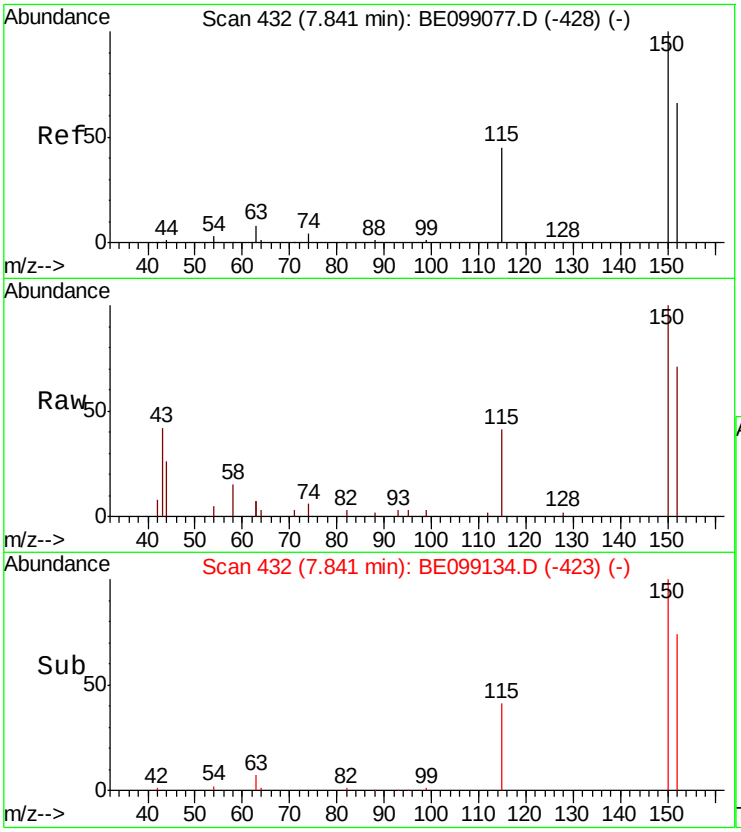
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Quant Time: Mar 24 23:02:03 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



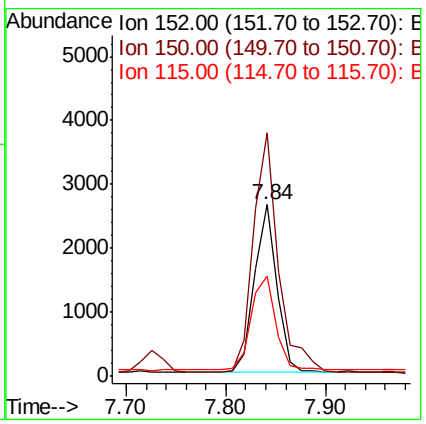


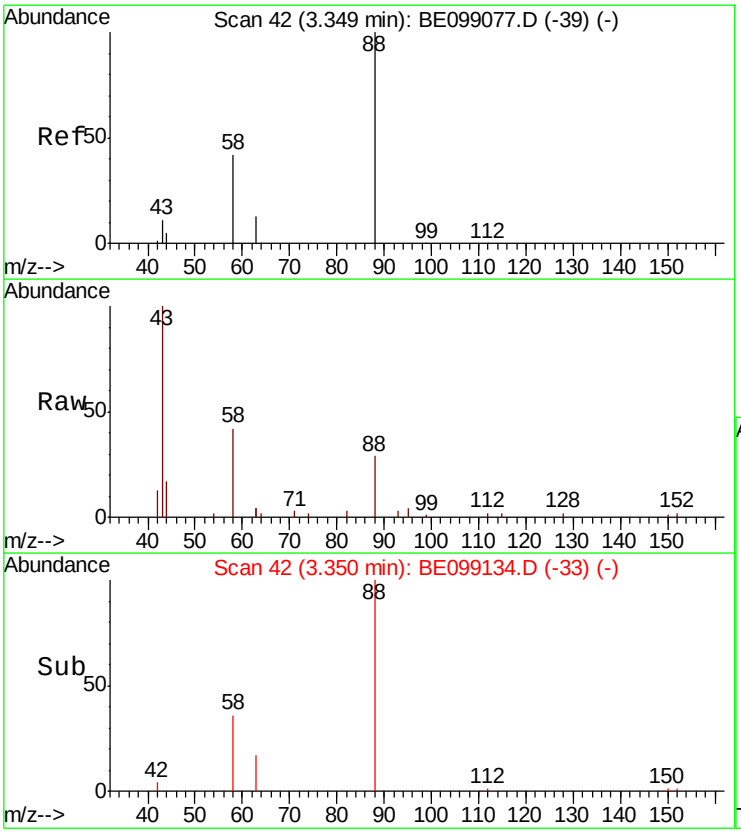
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:152 Resp: 4138

Ion	Ratio	Lower	Upper
152	100		
150	141.8	122.5	183.7
115	58.4	57.4	86.2

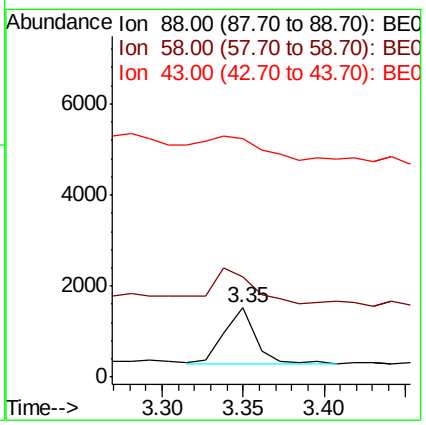


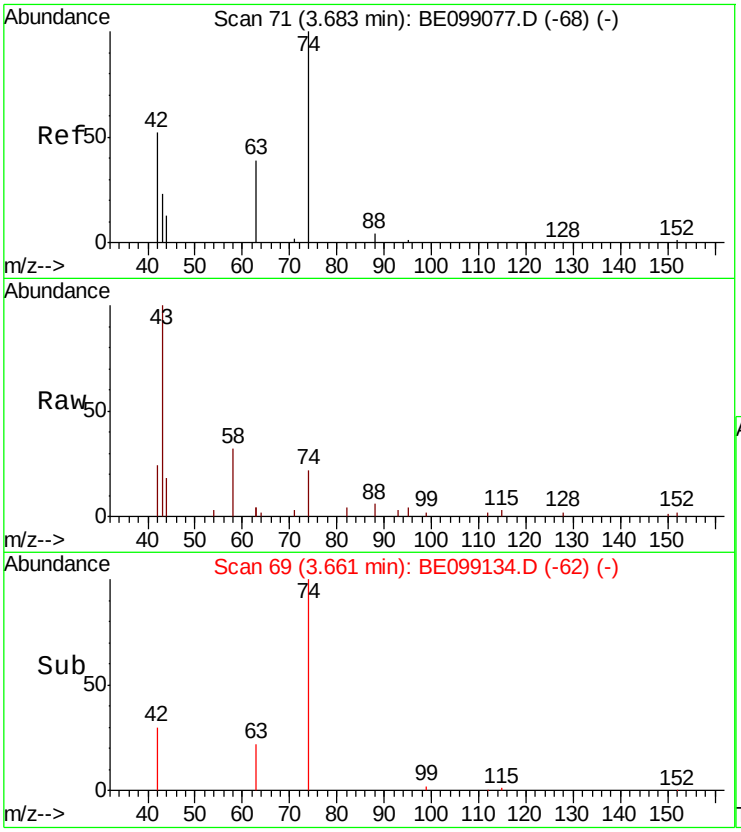


#2
1,4-Dioxane
Concen: 0.258 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion: 88 Resp: 1657

Ion	Ratio	Lower	Upper
88	100		
58	70.5	52.0	78.0
43	68.9	24.0	36.0#



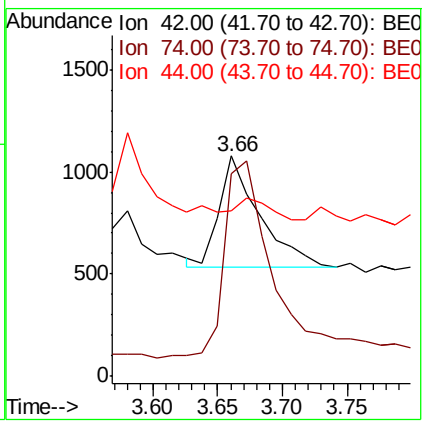


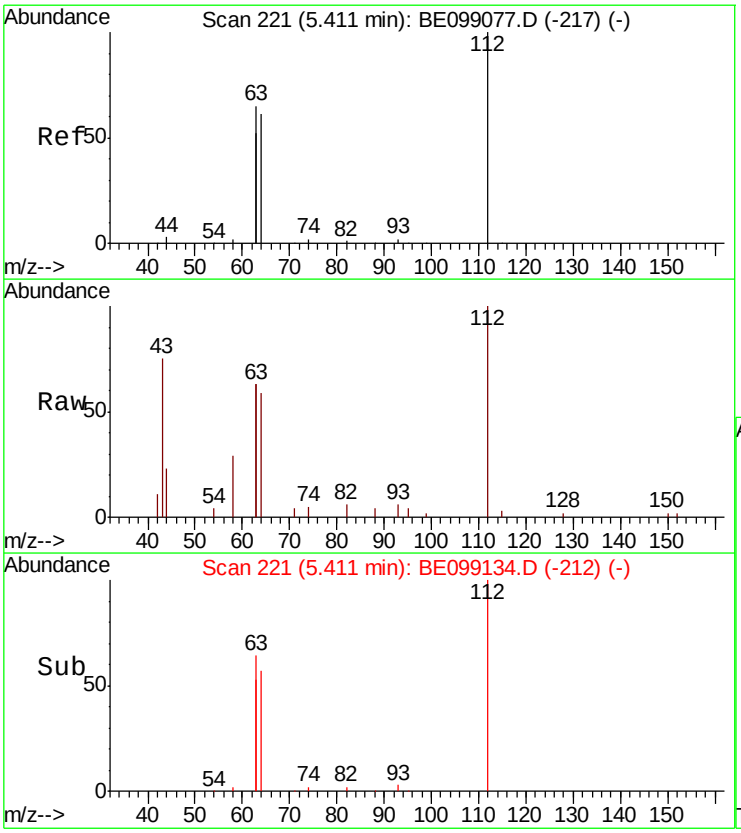
#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion: 42 Resp: 1159

Ion	Ratio	Lower	Upper
42	100		
74	213.1	160.0	240.0
44	16.7	0.0	0.0#

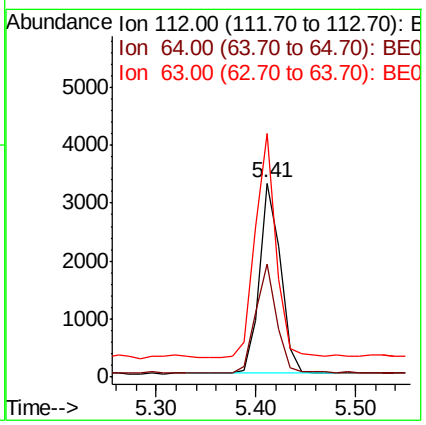


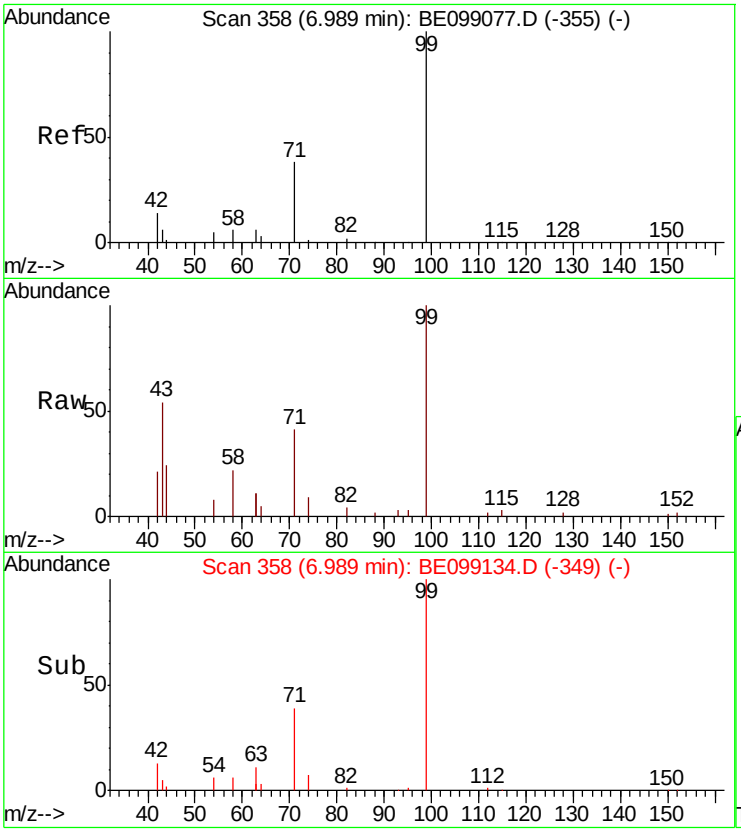


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:112 Resp: 4806

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



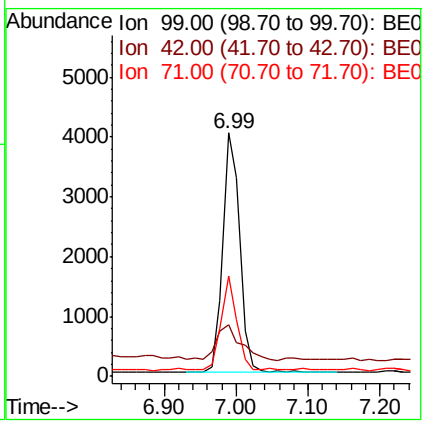


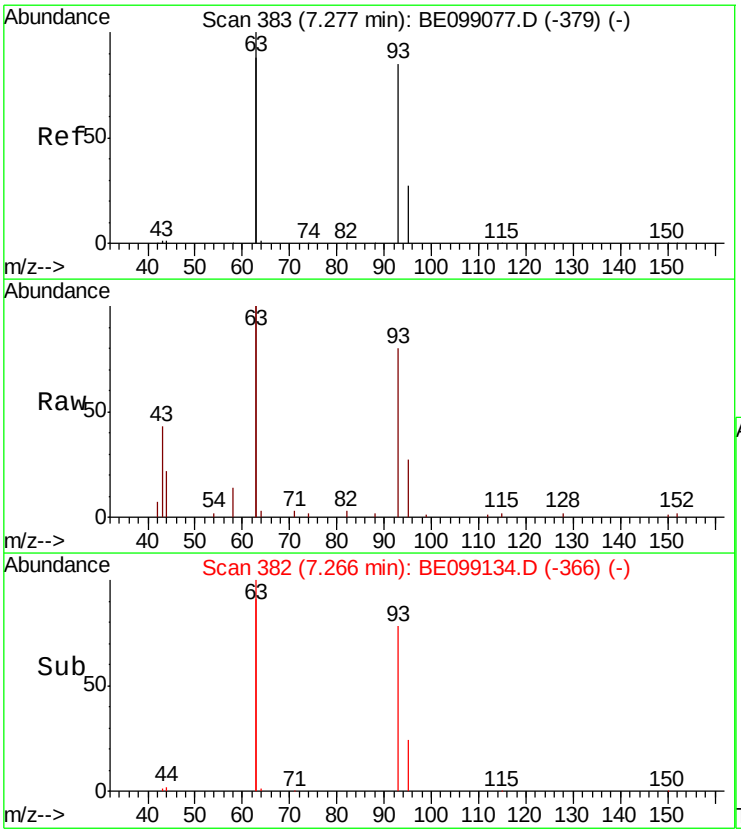
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion: 99 Resp: 6569

Ion	Ratio	Lower	Upper
99	100		
42	21.3	24.2	36.2#
71	36.4	35.7	53.5

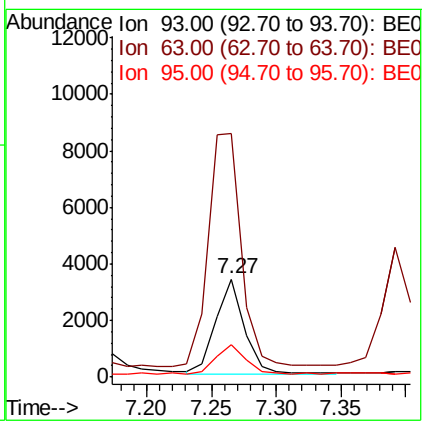


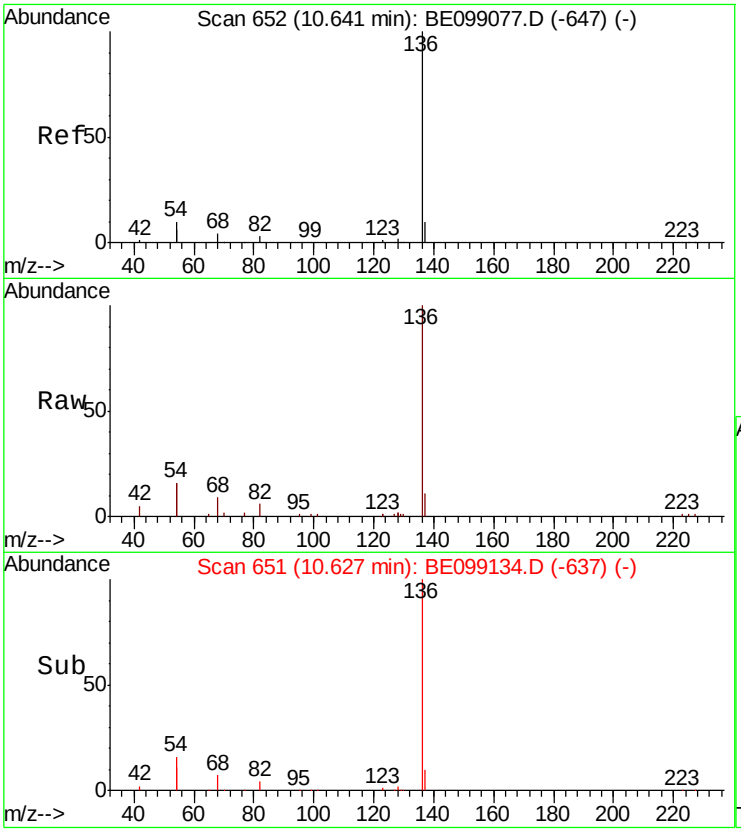


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion: 93 Resp: 5206

Ion	Ratio	Lower	Upper
93	100		
63	281.9	247.5	371.3
95	34.2	21.8	32.8#



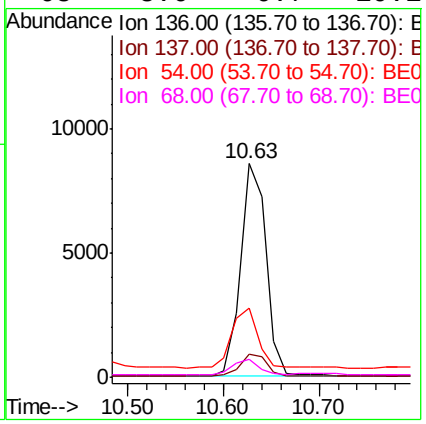


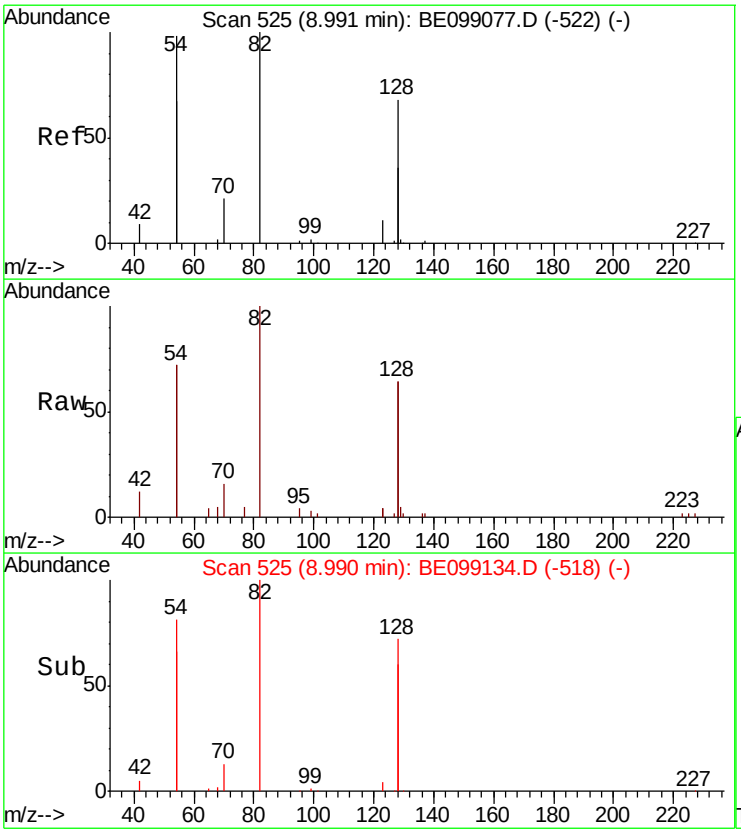
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:136 Resp: 15768

Ion	Ratio	Lower	Upper
136	100		
137	11.1	11.4	17.0#
54	32.2	39.3	58.9#
68	8.6	6.7	10.1

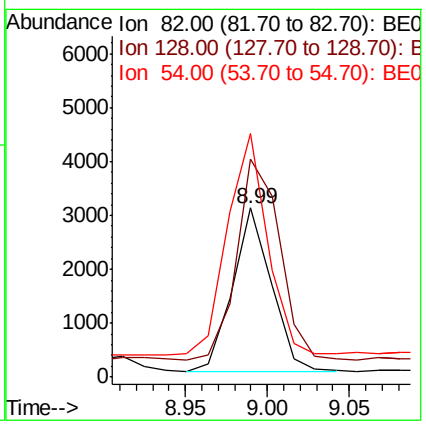


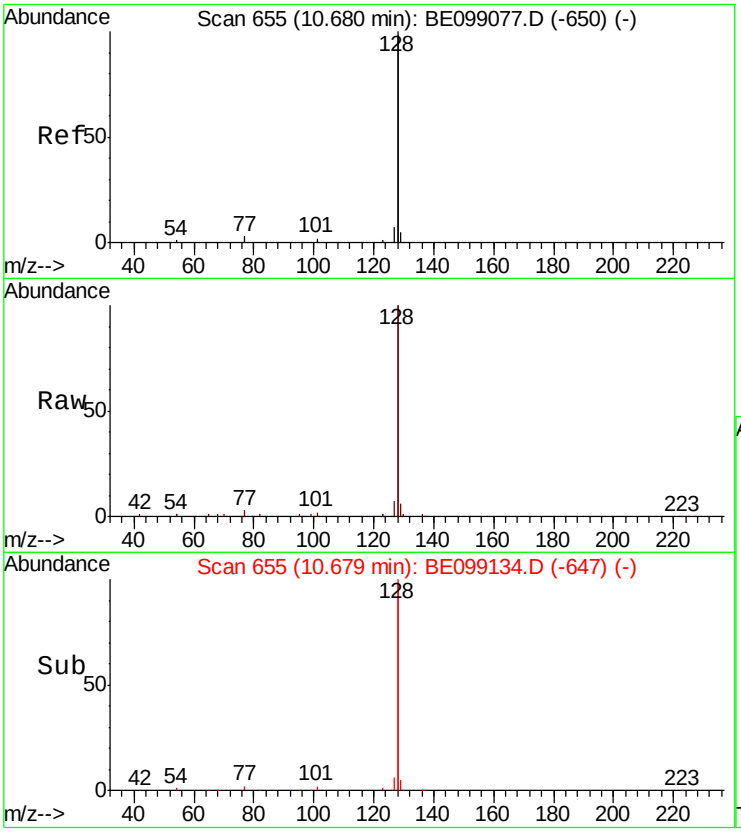


#8
Nitrobenzene-d5
Concen: 0.718 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion: 82 Resp: 4950

Ion	Ratio	Lower	Upper
82	100		
128	128.7	123.8	185.8
54	144.0	203.4	305.2#



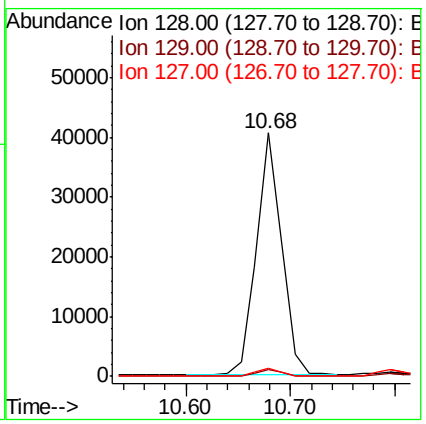


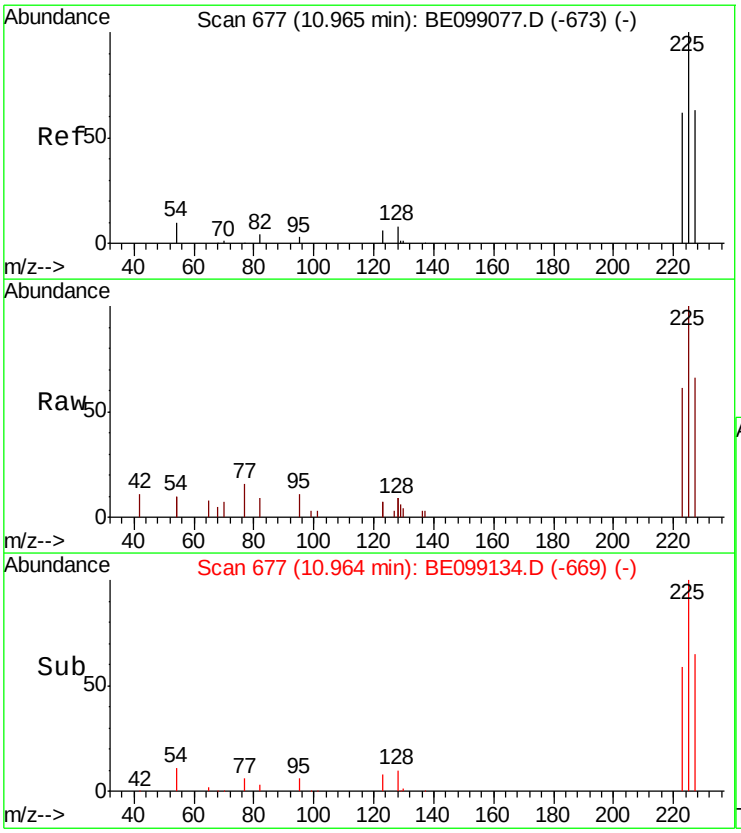
#9
Naphthalene
Concen: 0.363 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:128 Resp: 67424

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.3	3.1	4.7

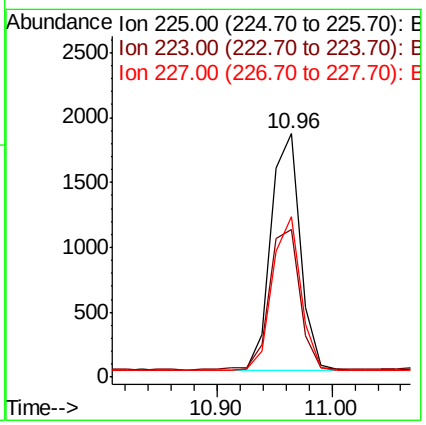


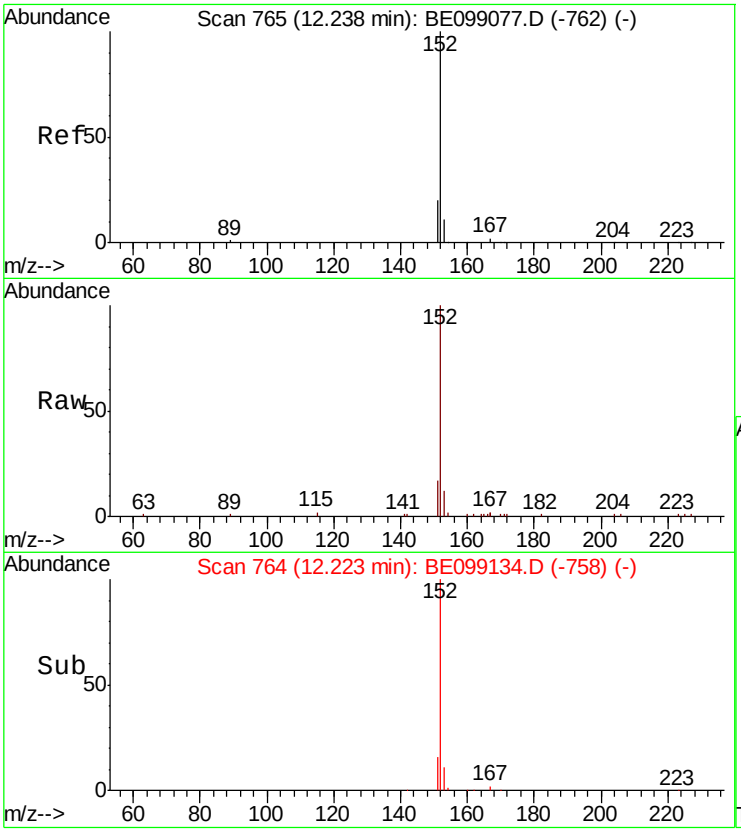


#10
Hexachlorobutadiene
Concen: 0.362 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:225 Resp: 3288

Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.1	76.7
227	63.1	51.6	77.4



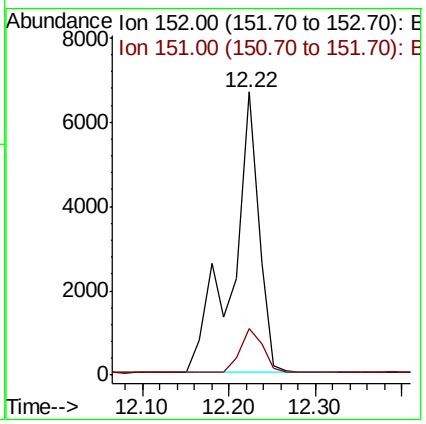


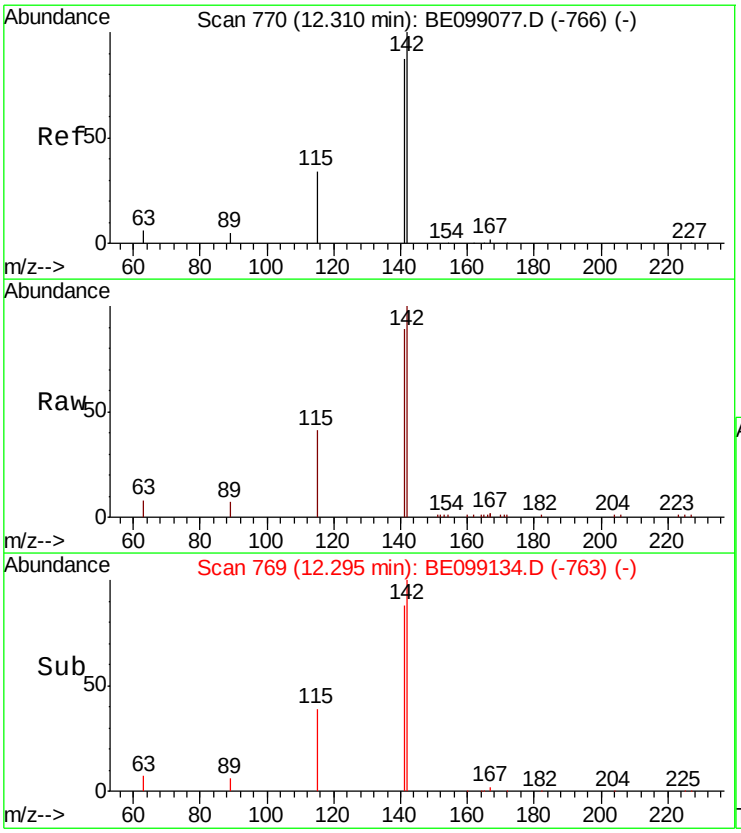
#11
2-Methylnaphthalene-d10
Concen: 0.497 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:152 Resp: 14112

Ion	Ratio	Lower	Upper
152	100		
151	13.7	16.5	24.7#

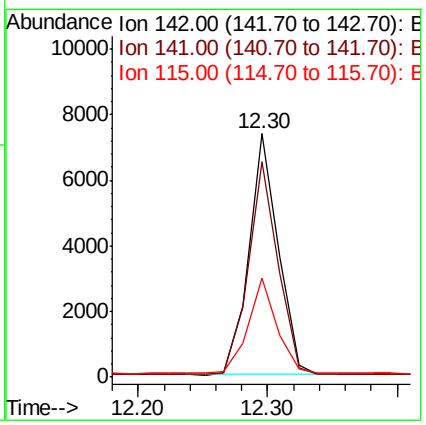


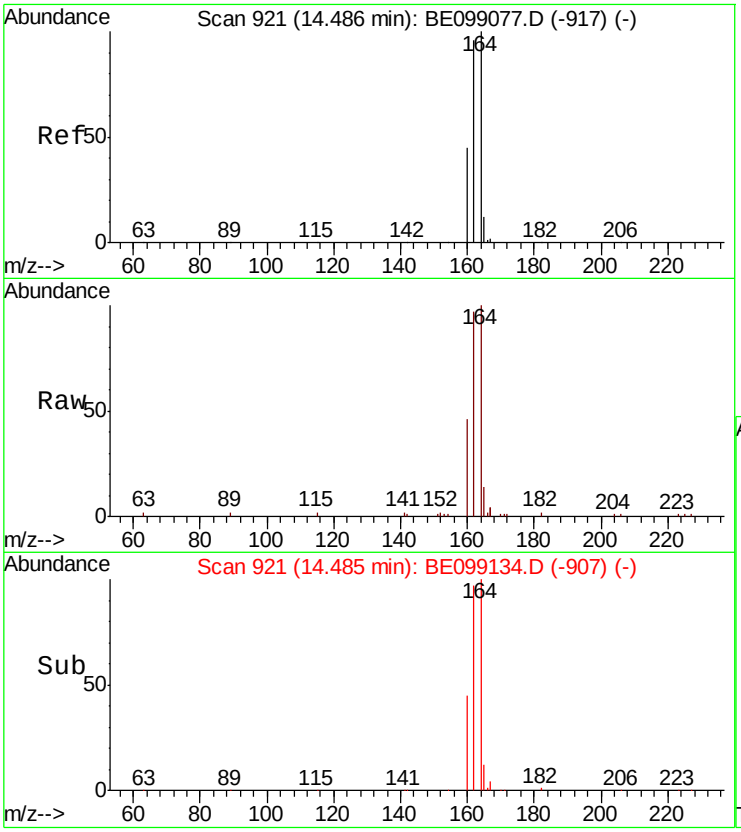


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:142 Resp: 11597

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8
115	40.5	37.4	56.2



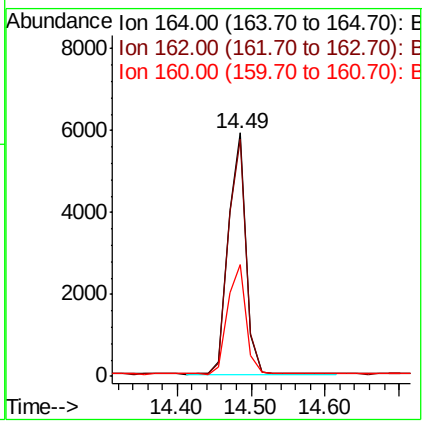


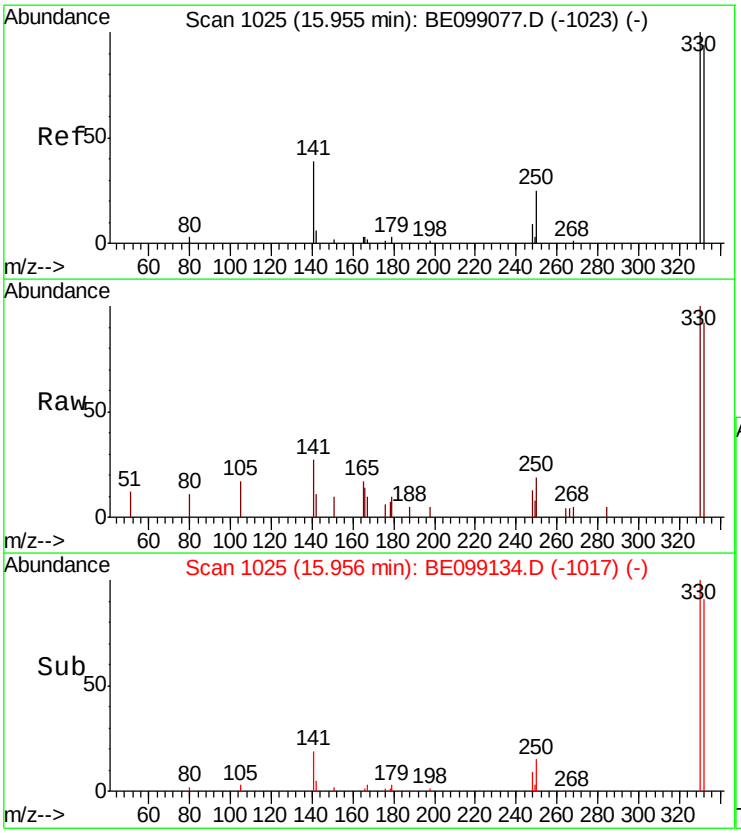
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:164 Resp: 9726

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.2	120.2
160	46.1	37.8	56.8

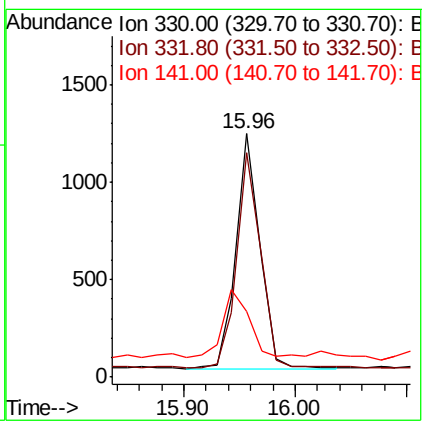


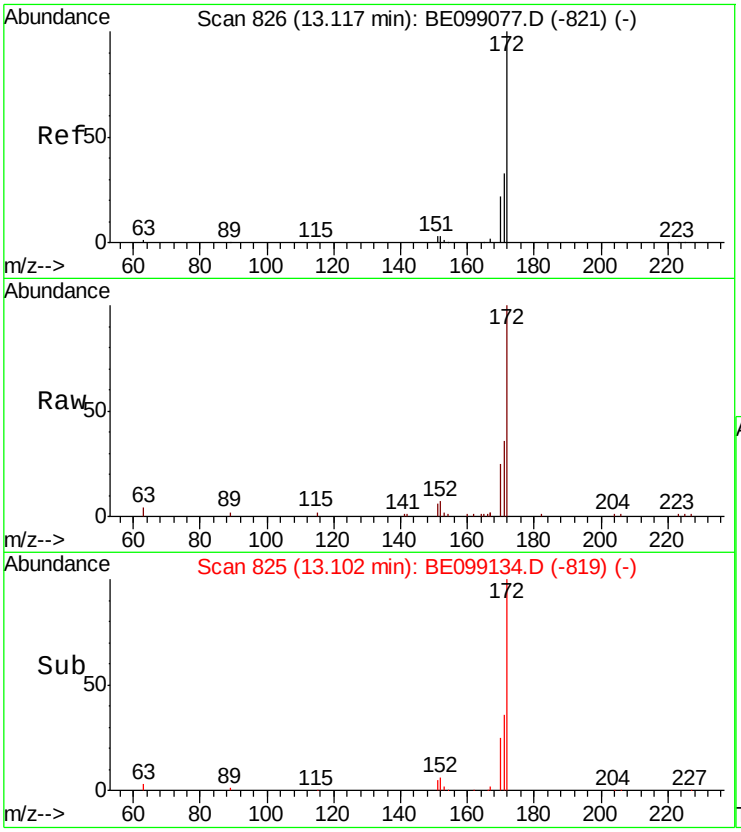


#14
2,4,6-Tribromophenol
Concen: 0.623 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:330 Resp: 1781

Ion	Ratio	Lower	Upper
330	100		
332	91.1	77.6	116.4
141	33.4	31.0	46.4



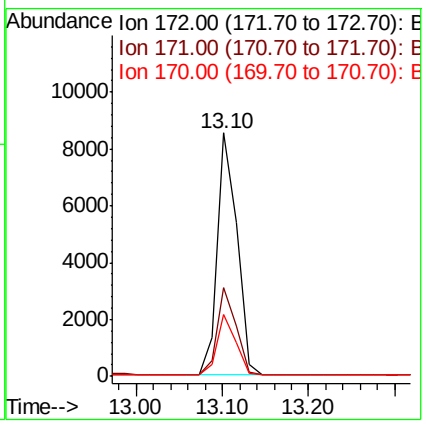


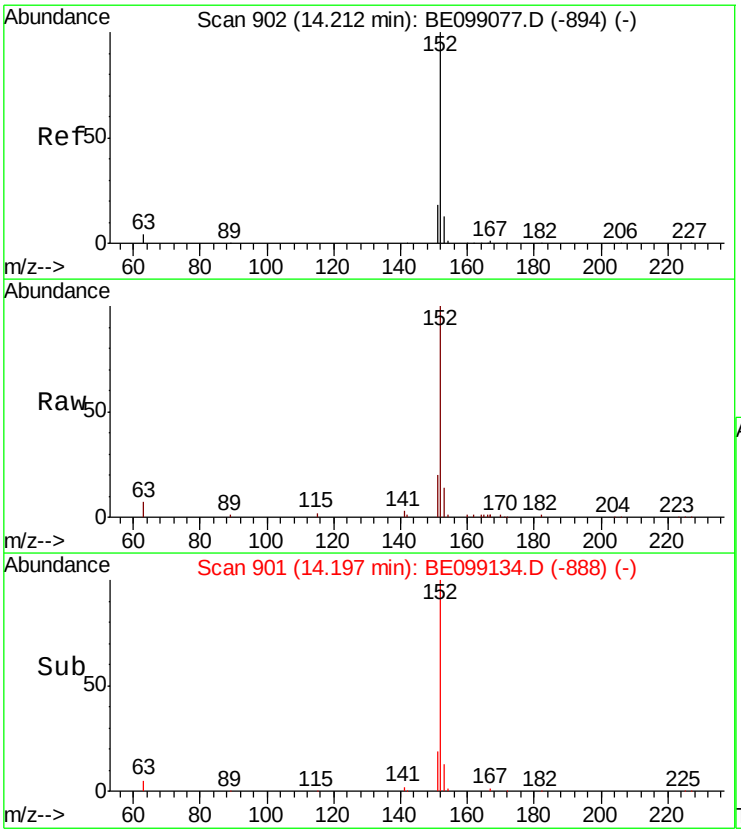
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:172 Resp: 13441

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.0	42.0
170	25.4	17.7	26.5

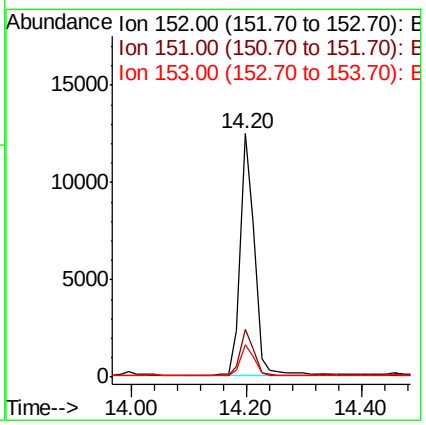


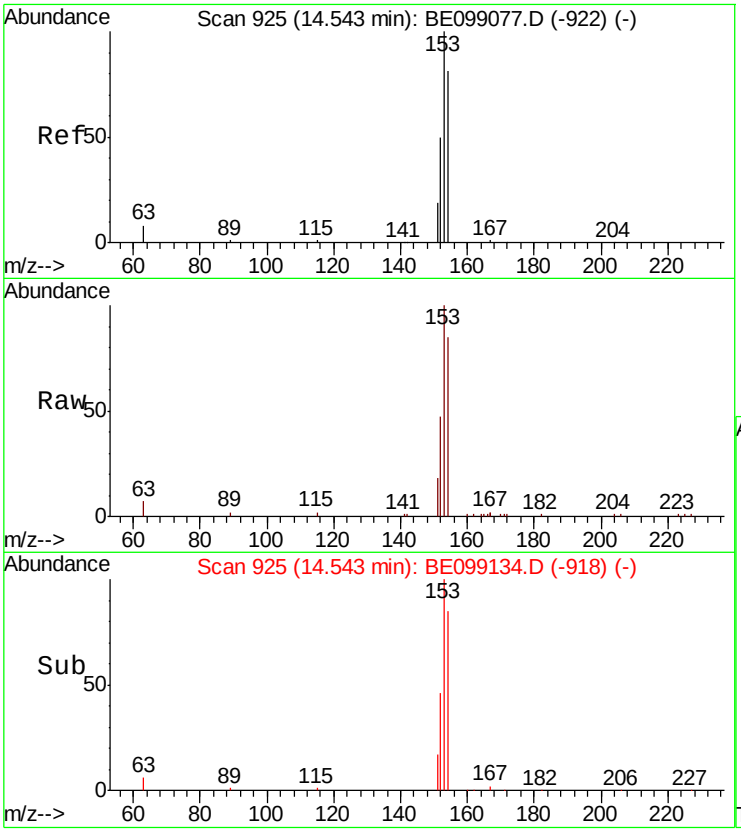


#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:152 Resp: 21336

Ion	Ratio	Lower	Upper
152	100		
151	18.7	17.0	25.6
153	13.2	11.2	16.8



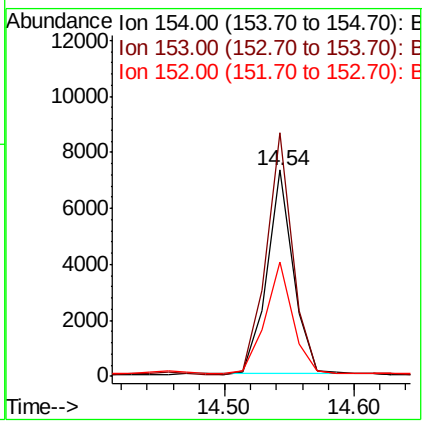


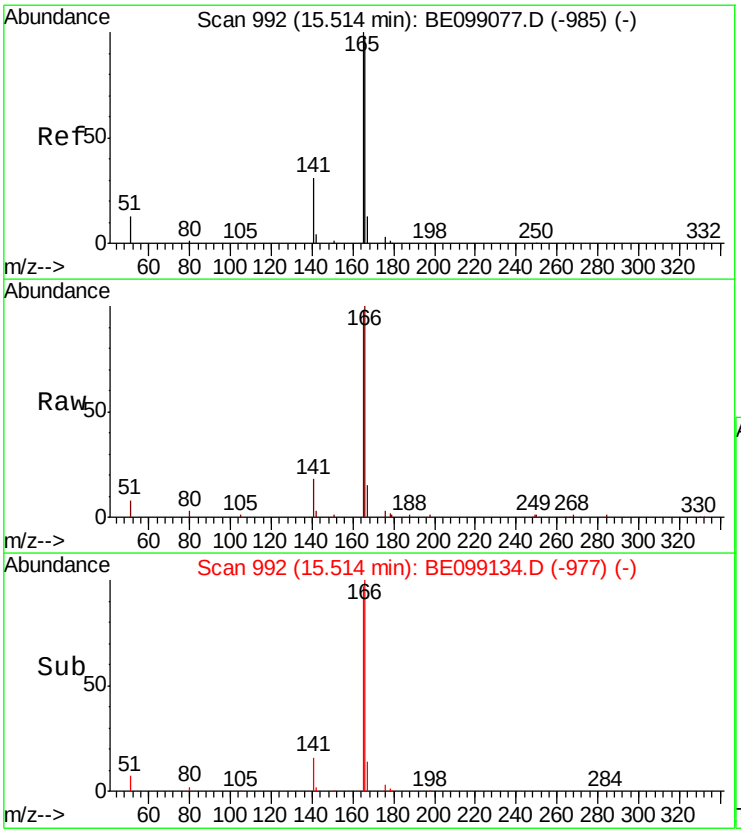
#17
Acenaphthene
Concen: 0.335 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:154 Resp: 10302

Ion	Ratio	Lower	Upper
154	100		
153	119.1	94.2	141.4
152	56.5	45.0	67.4

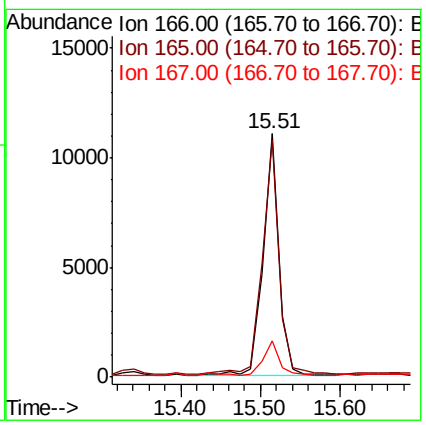


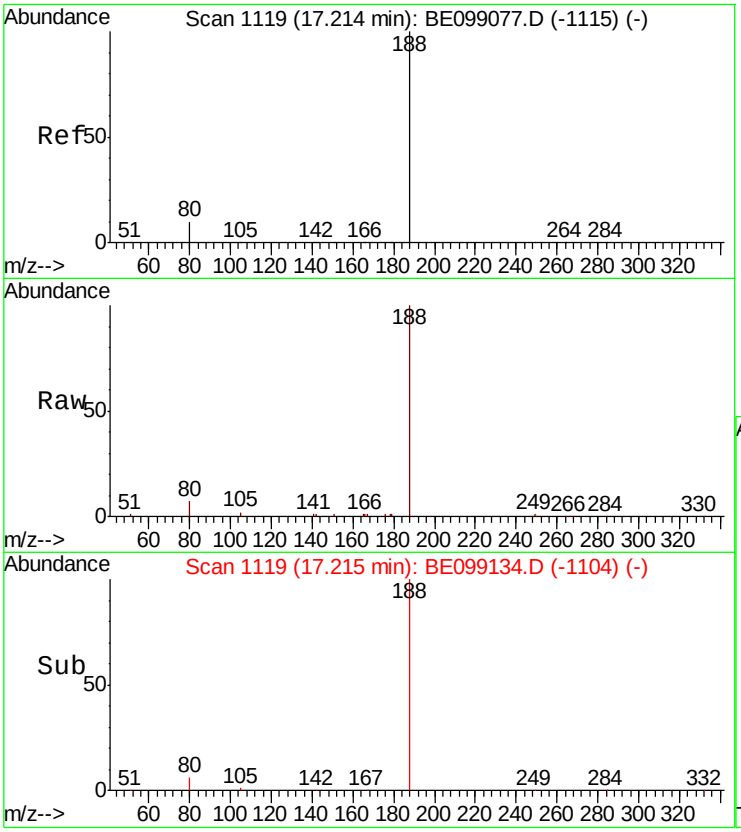


#18
Fluorene
Concen: 0.347 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:166 Resp: 15563

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.3	118.9
167	14.0	10.5	15.7



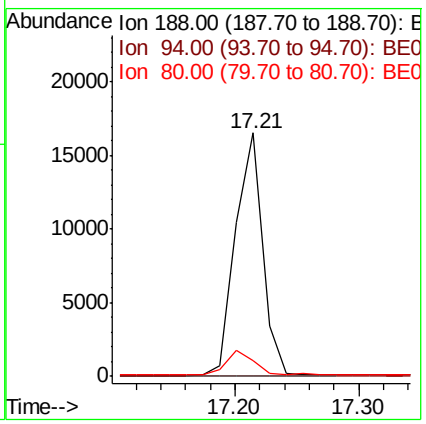


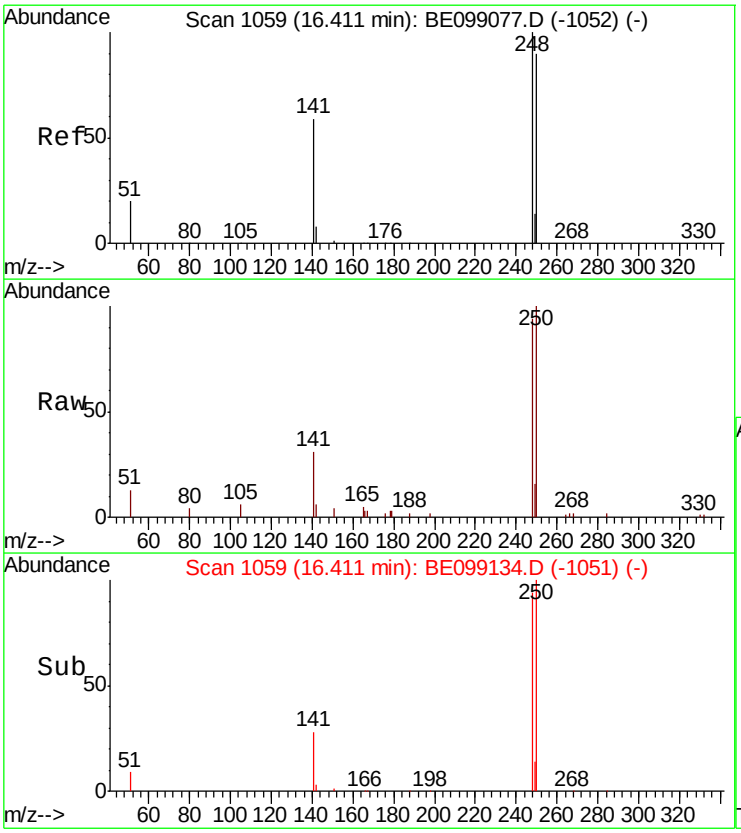
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:188 Resp: 24994

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	6.3	9.5

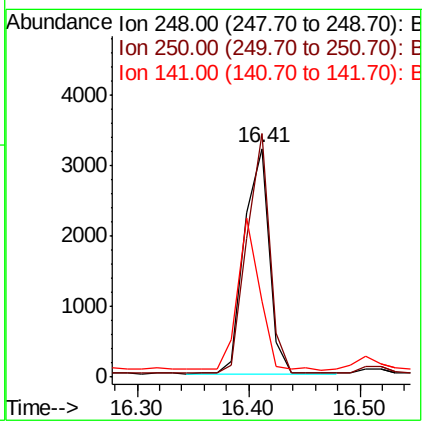


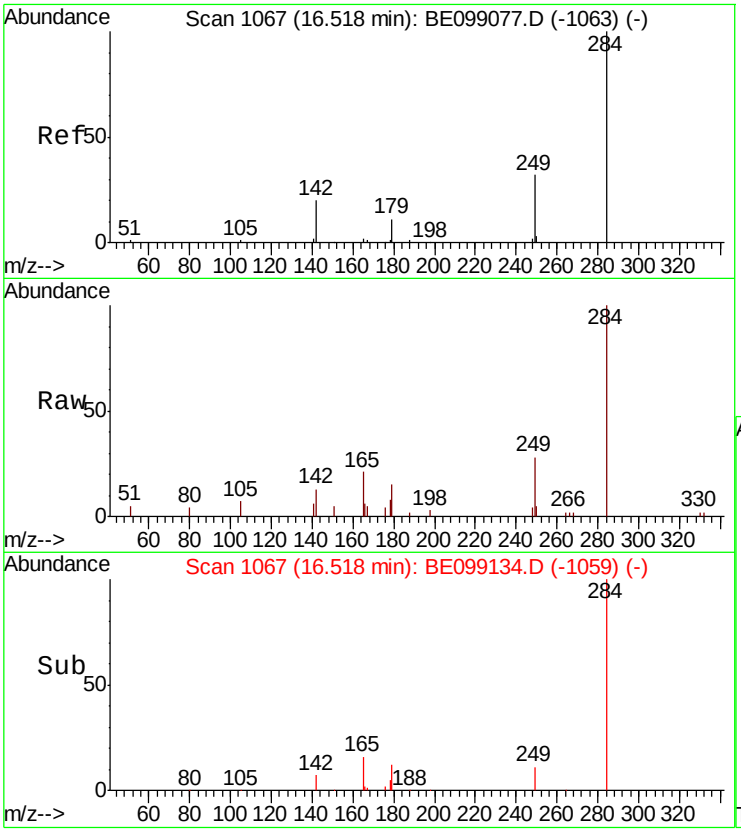


#20
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:248 Resp: 4940

Ion	Ratio	Lower	Upper
248	100		
250	106.6	70.6	105.8#
141	33.2	68.6	102.8#



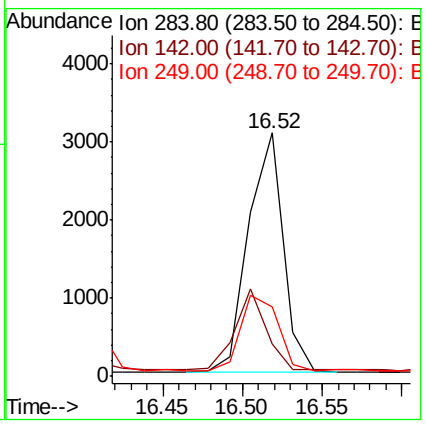


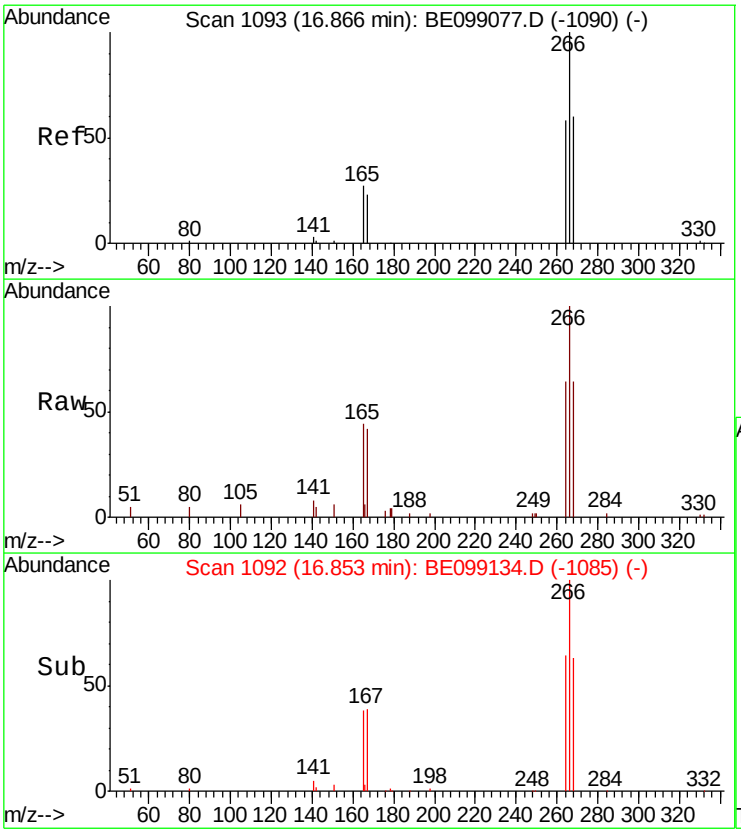
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:284 Resp: 4678

Ion	Ratio	Lower	Upper
284	100		
142	29.9	28.7	43.1
249	34.2	29.6	44.4

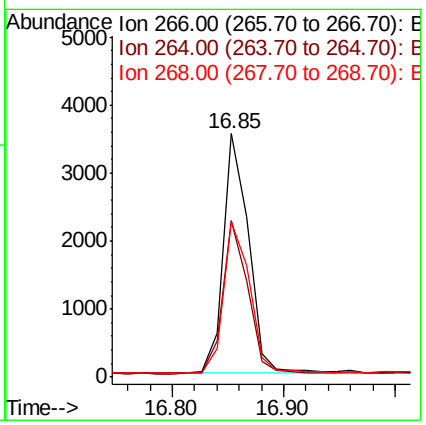


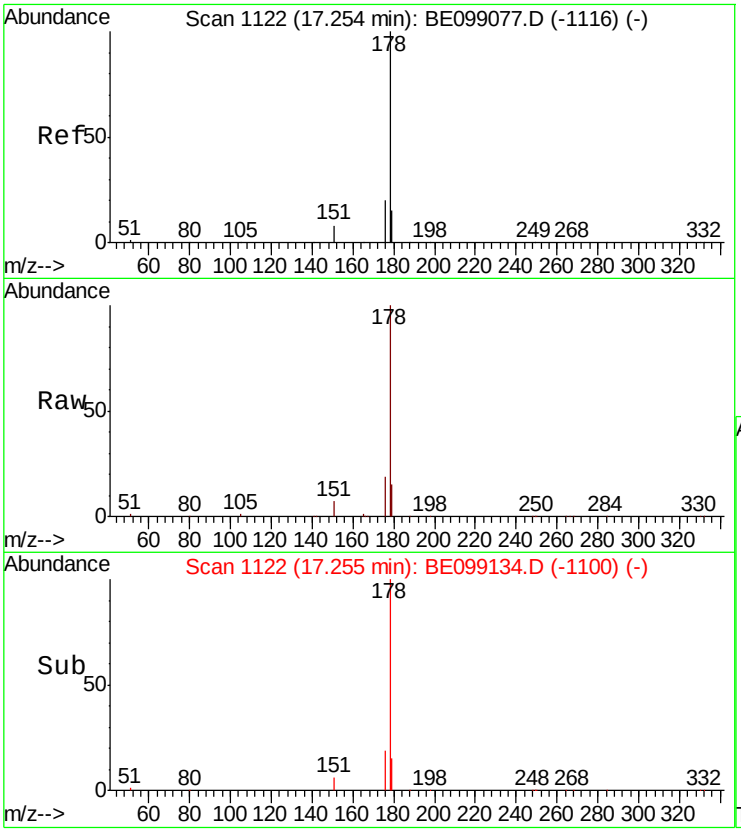


#22
Pentachlorophenol
Concen: 1.298 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:266 Resp: 5508

Ion	Ratio	Lower	Upper
266	100		
264	64.3	66.6	100.0#
268	63.9	69.8	104.8#



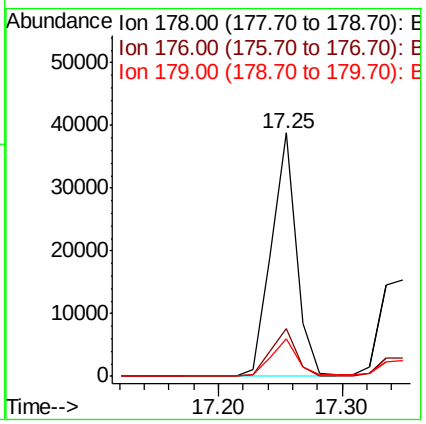


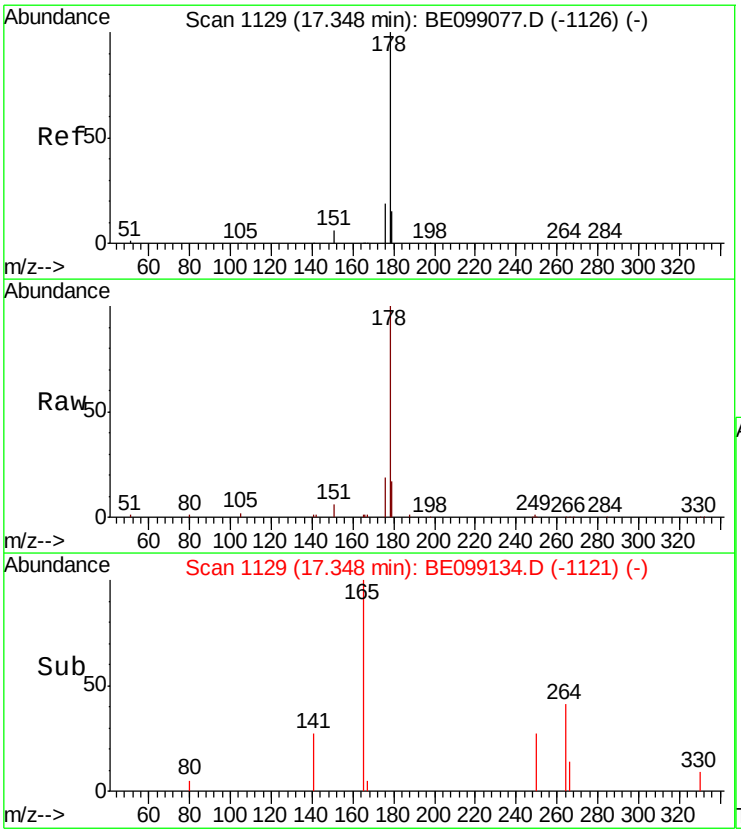
#23
Phenanthrene
Concen: 0.729 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:178 Resp: 54125

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.3	12.1	18.1

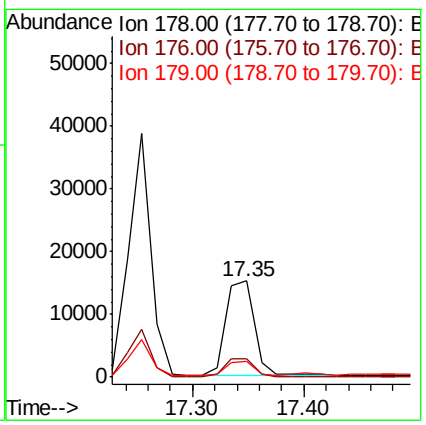


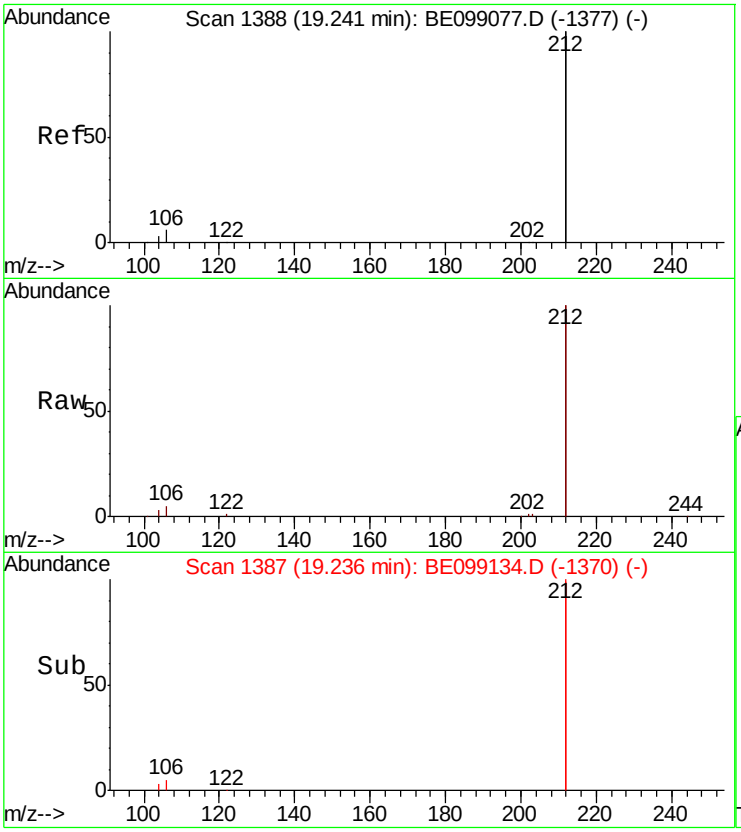


#24
Anthracene
Concen: 0.391 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:178 Resp: 27460

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	14.9	12.2	18.4



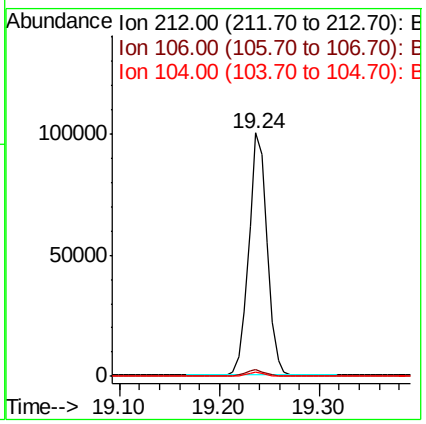


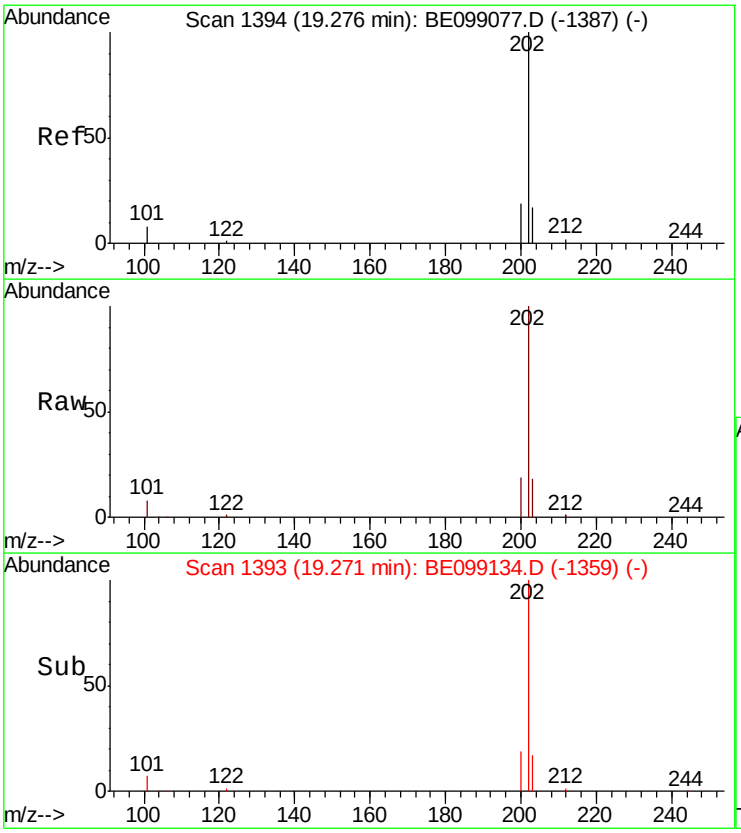
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:212 Resp: 128485

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6

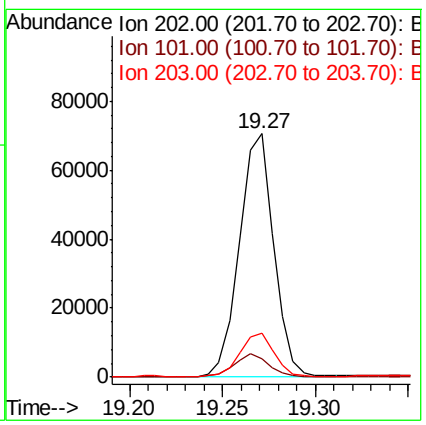


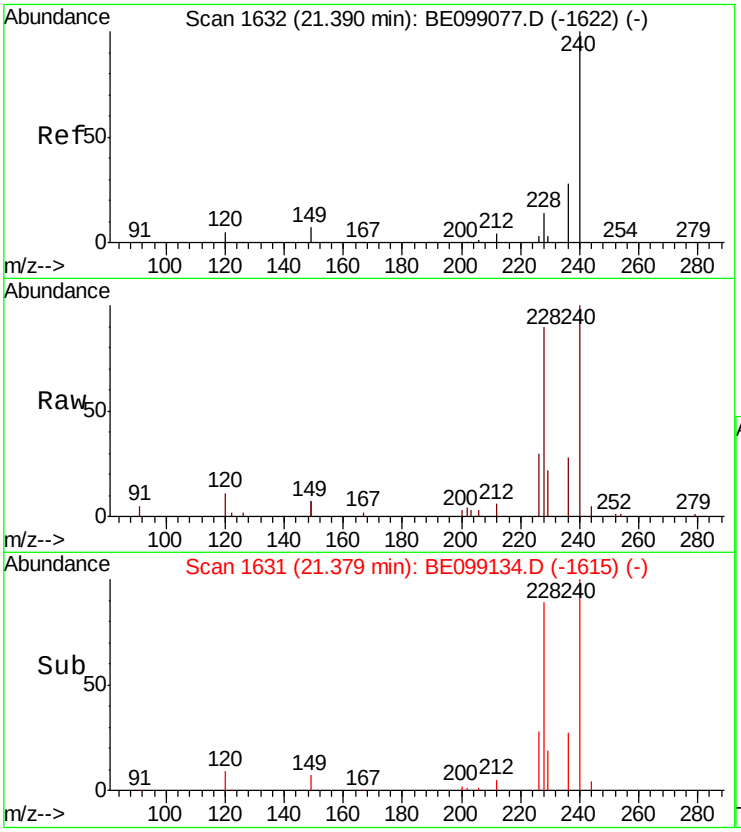


#26
Fluoranthene
Concen: 0.867 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:202 Resp: 90580

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.5	13.4	20.2



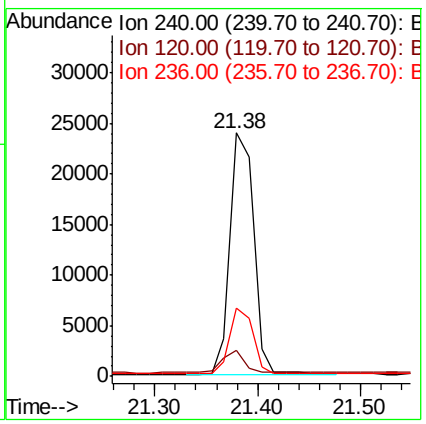


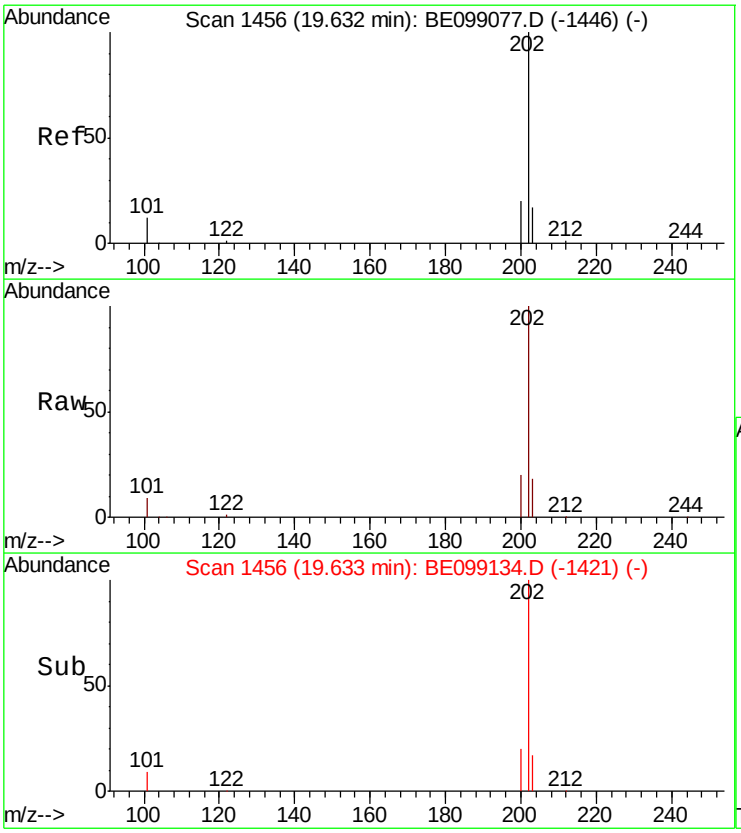
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:240 Resp: 37824

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.0	7.4#
236	28.2	22.7	34.1

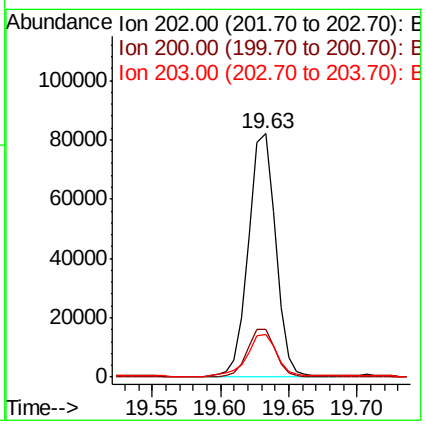


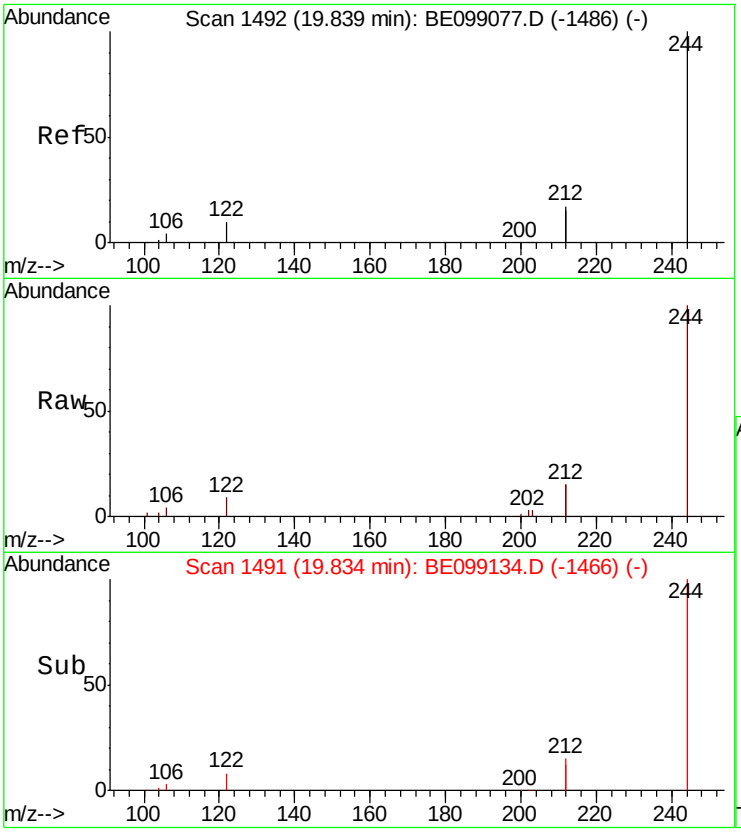


#28
Pyrene
Concen: 0.871 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:202 Resp: 111725

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	19.2	14.2	21.2



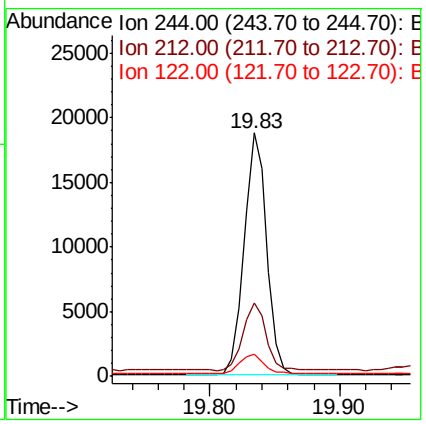


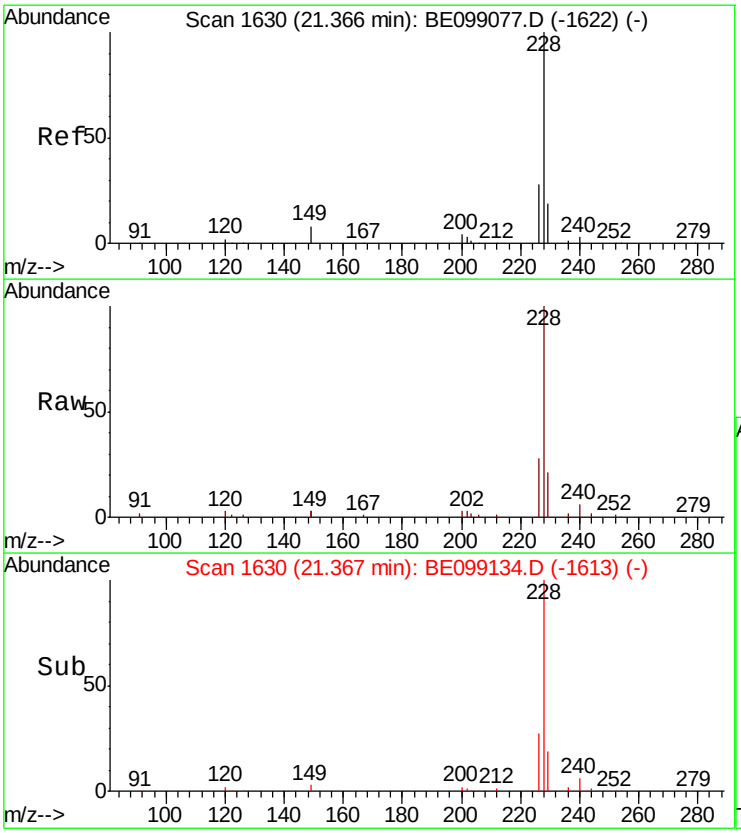
#29
Terphenyl-d14
Concen: 0.281 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:244 Resp: 22503

Ion	Ratio	Lower	Upper
244	100		
212	29.9	29.4	44.2
122	9.1	7.1	10.7

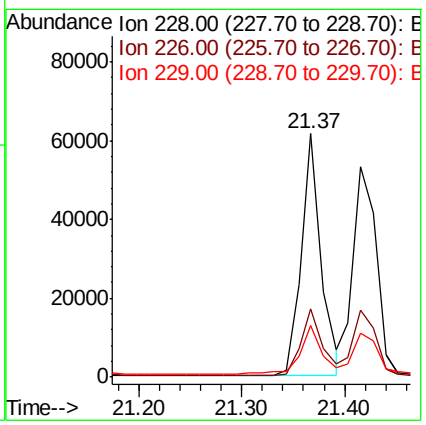


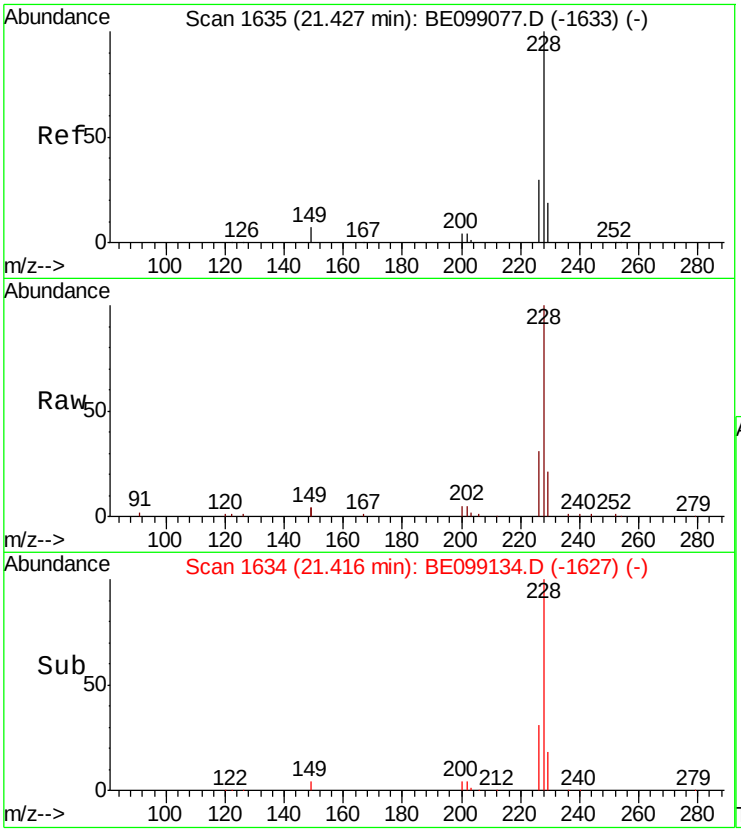


#30
Benzo(a)anthracene
Concen: 0.624 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:228 Resp: 83160

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	21.0	16.5	24.7



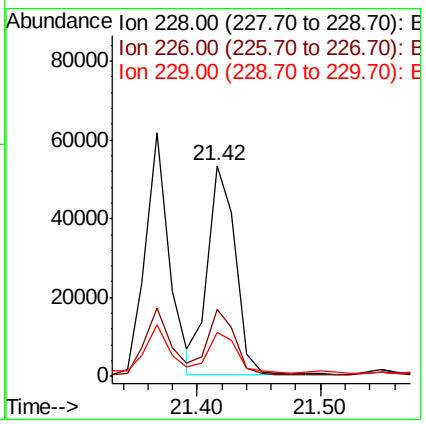


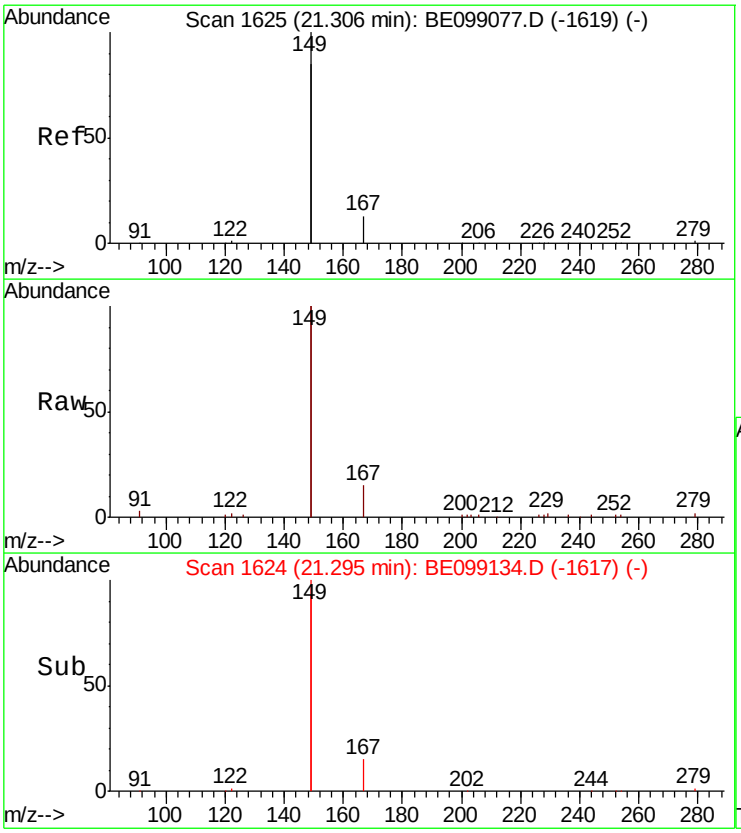
#31
Chrysene
Concen: 0.619 ng
RT: 21.42 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:228 Resp: 82388

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	20.8	16.1	24.1

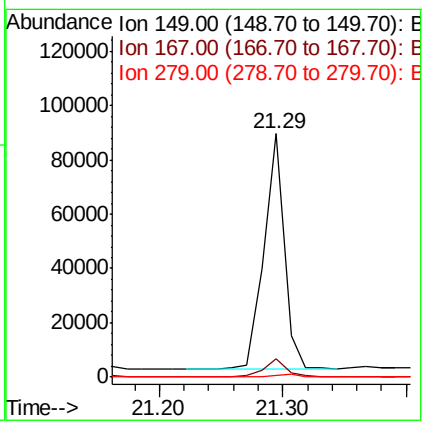


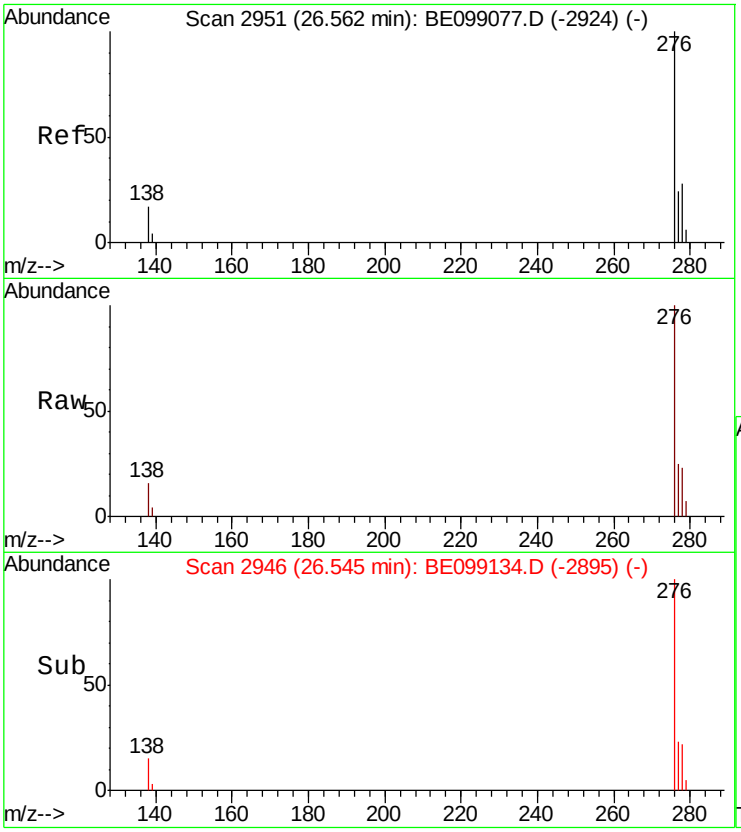


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.577 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:149 Resp: 99779

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.1	1.0	1.4



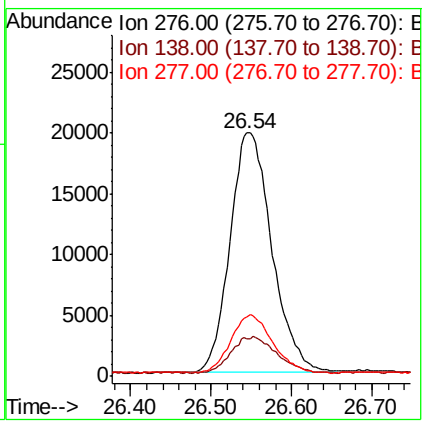


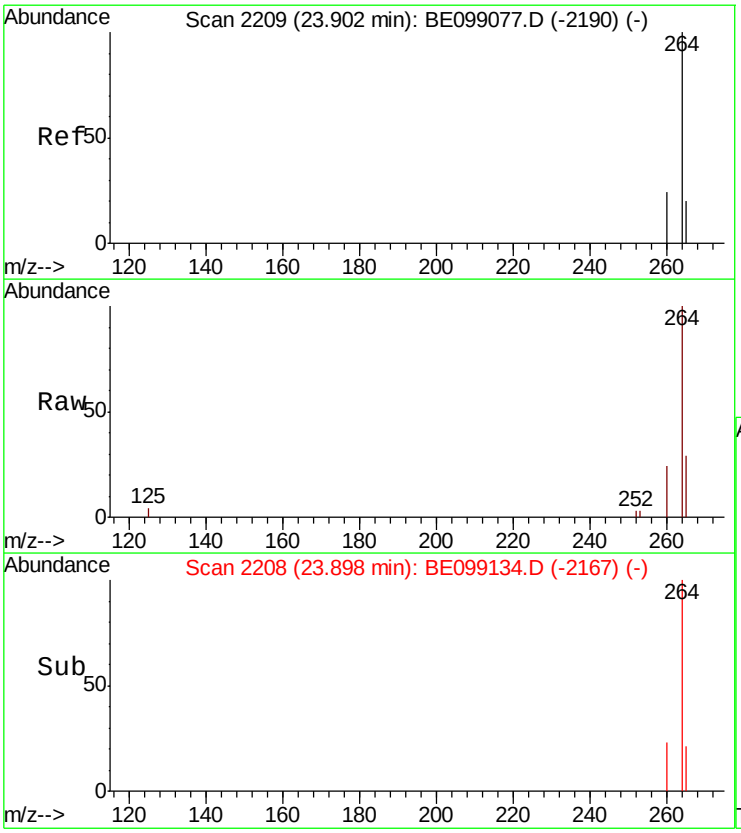
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.500 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:276 Resp: 71510

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.8	20.8
277	24.0	19.5	29.3

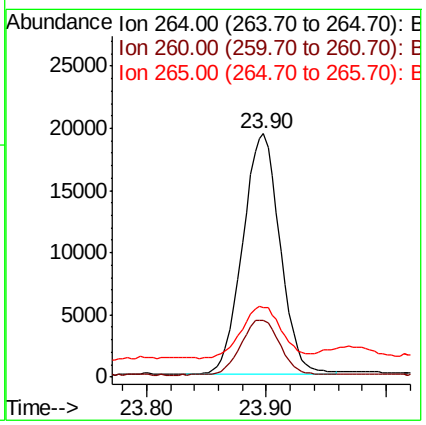


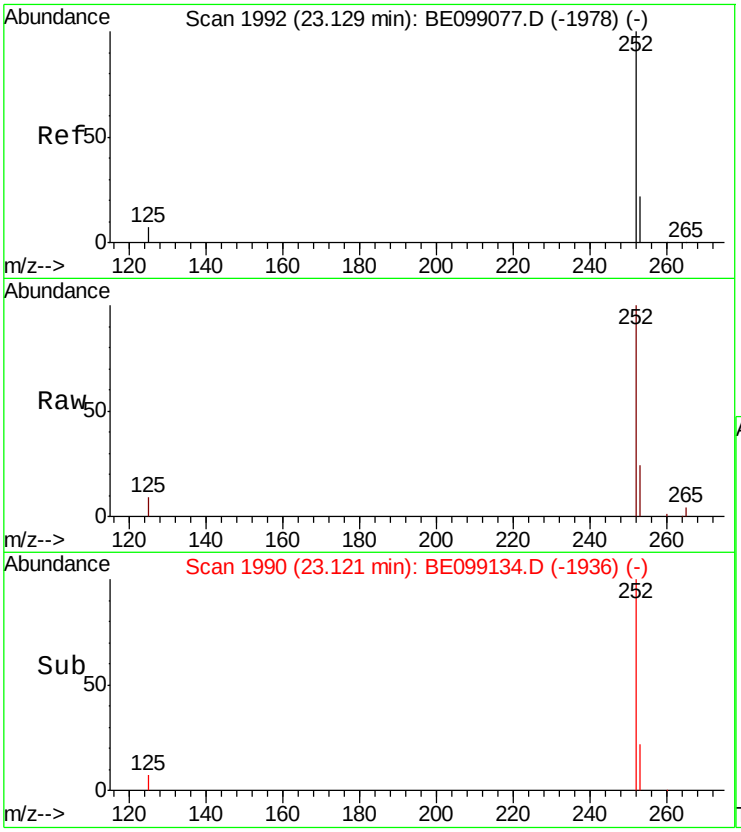


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:264 Resp: 41952

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.2	31.8
265	28.7	24.6	36.8



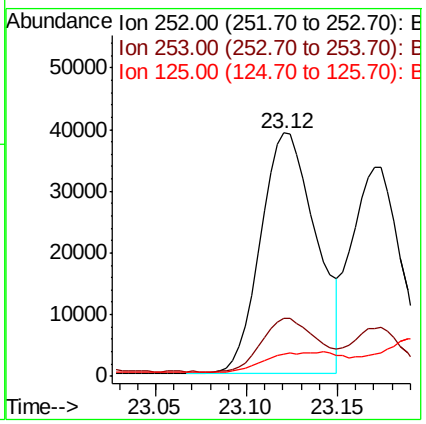


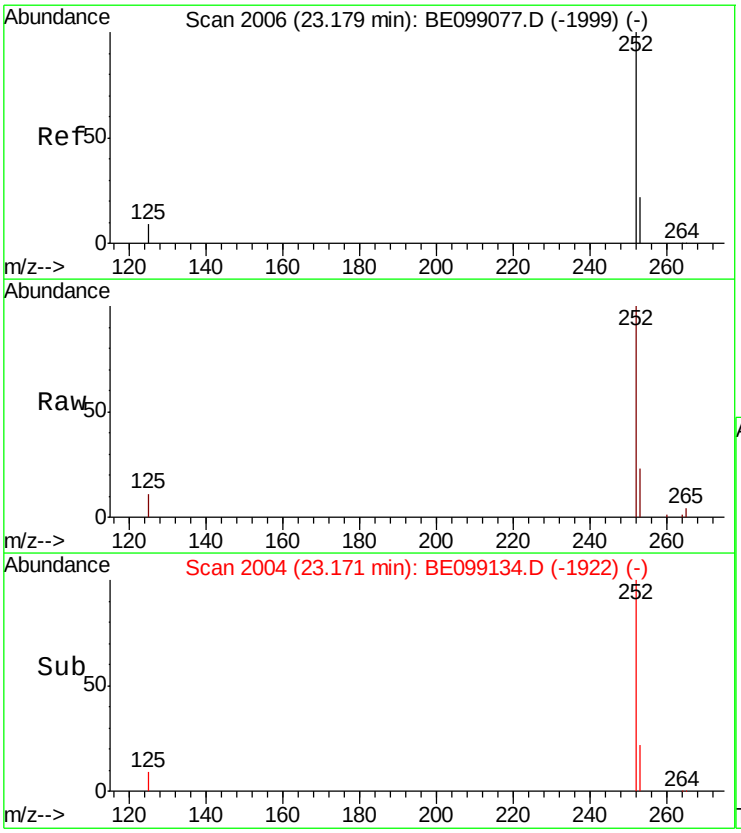
#35
Benzo(b)fluoranthene
Concen: 0.571 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:252 Resp: 82811

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	9.1	7.3	10.9

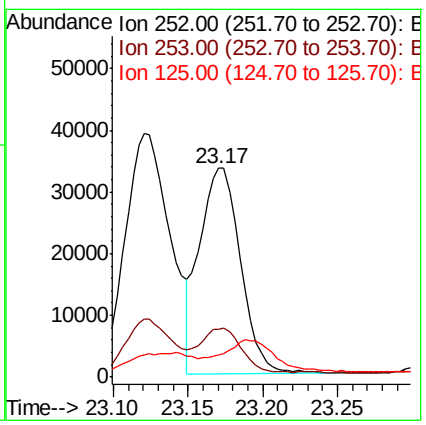


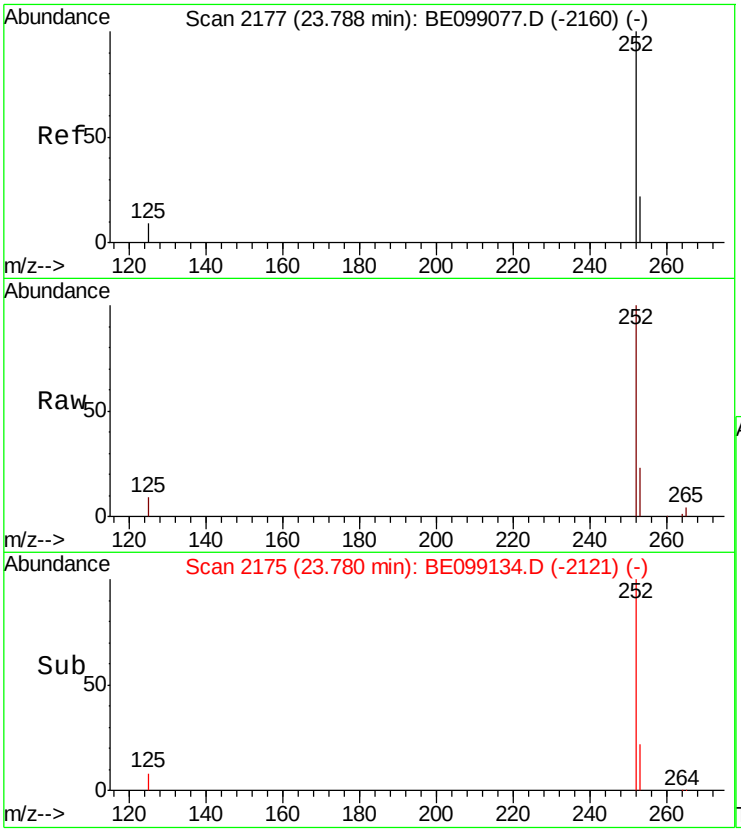


#36
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:252 Resp: 62884

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	10.7	7.5	11.3



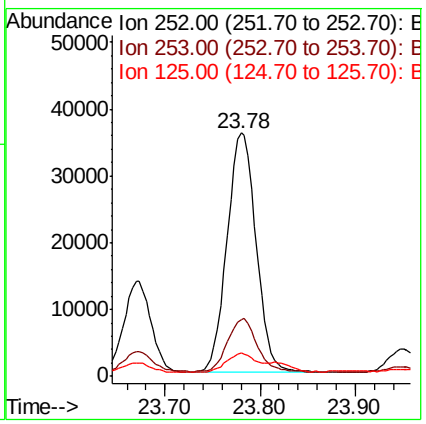


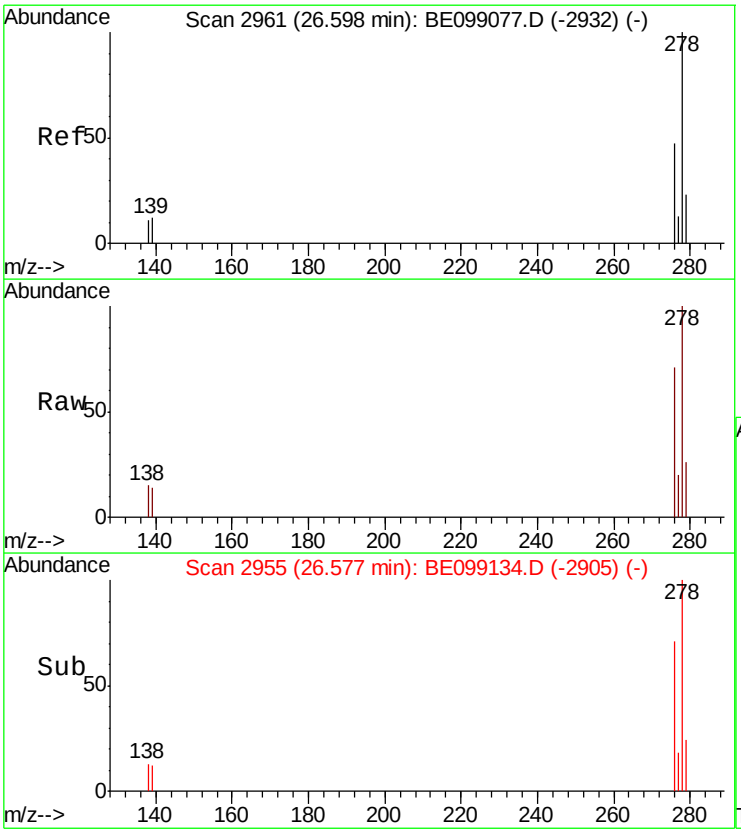
#37
Benzo(a)pyrene
Concen: 0.566 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:252 Resp: 75988

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.9	29.9
125	9.4	9.0	13.4

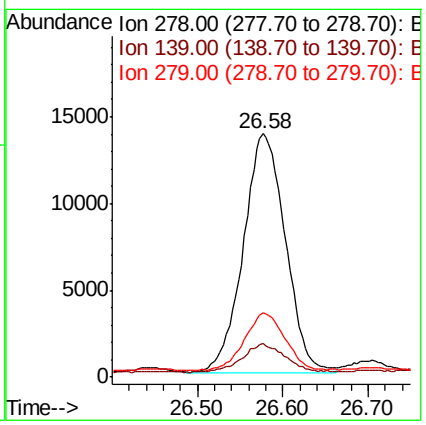


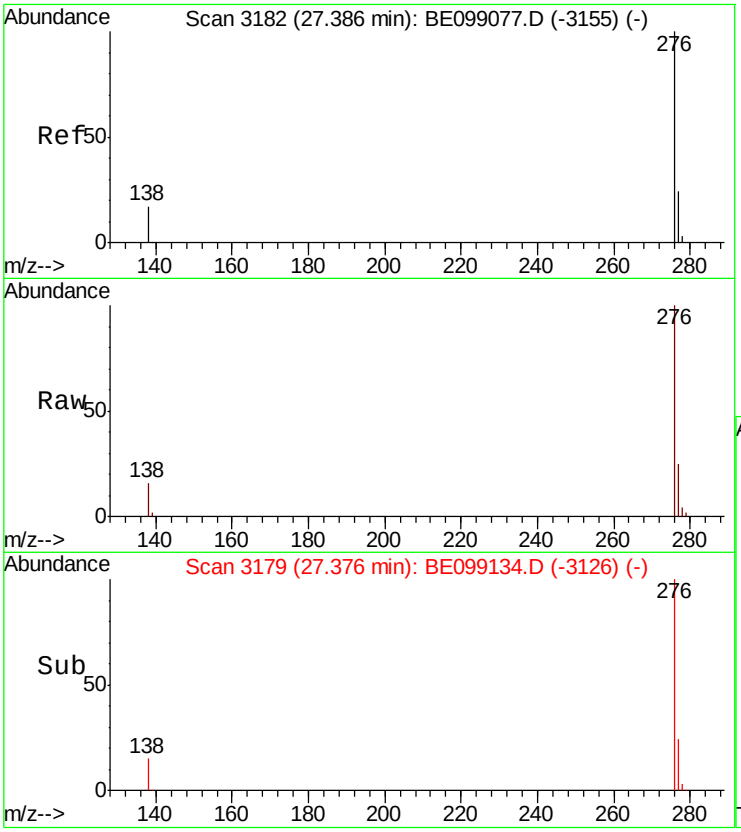


#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Tgt Ion:278 Resp: 47172

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.8	17.6
279	26.3	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.507 ng
RT: 27.38 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BE099134.D
Acq: 24 Mar 2019 5:35

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MS

Tgt Ion:276 Resp: 67924

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.4	30.6
138	15.9	13.6	20.4