Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100353.D
Acq On : 4 Jul 2019 6:43
Operator : JU/SJ
Sample : K3561-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-016-SW117-062519

Quant Time: Jul 05 01:13:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	556	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	1995	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1729	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5173	0.40	ng		0.00
27) Chrysene-d12	21.25	240	7257	0.40	ng		0.00
34) Perylene-d12	23.66	264	8381	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	531	0.37	ng		-0.01
5) Phenol-d6	6.84	99	694	0.37	ng		0.00
8) Nitrobenzene-d5	8.82	82	706	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	1396	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	459	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2318	0.34	ng		-0.01
25) Fluoranthene-d10	19.09	212	21504	0.29	ng		0.00
29) Terphenyl-d14	19.69	244	4810	0.32	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.43	42	26	0.065	ng	#	1
9) Naphthalene	10.48	128	3066	0.139	ng	#	94
12) 2-Methylnaphthalene	12.12	142	564	0.146	ng		93
16) Acenaphthylene	14.04	152	5442	0.656	ng		99
17) Acenaphthene	14.37	154	545	0.116	ng	#	82
18) Fluorene	15.35	166	1925	0.277	ng	#	88
22) Pentachlorophenol	16.75	266	33	0.032	ng	#	81
23) Phenanthrene	17.09	178	51979	4.146	ng		99
24) Anthracene	17.19	178	5043	0.447	ng	#	94
26) Fluoranthene	19.12	202	99696	4.992	ng		99
28) Pyrene	19.48	202	122324	6.367	ng		96
30) Benzo(a)anthracene	21.22	228	66431	2.784	ng		97
31) Chrysene	21.28	228	75445	3.149	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	172329	5.052	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	39133	1.235	ng	#	97
35) Benzo(b)fluoranthene	22.92	252	73909	3.253	ng	#	96
36) Benzo(k)fluoranthene	22.92	252	73909	2.914	ng		98
37) Benzo(a)pyrene	23.72	252	11554	0.507	ng		93
38) Dibenzo(a,h)anthracene	26.23	278	9868	0.415	ng	#	87
39) Benzo(g,h,i)perylene	27.01	276	43475	1.779	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Jul 2019 6:43
Operator : JU/SJ
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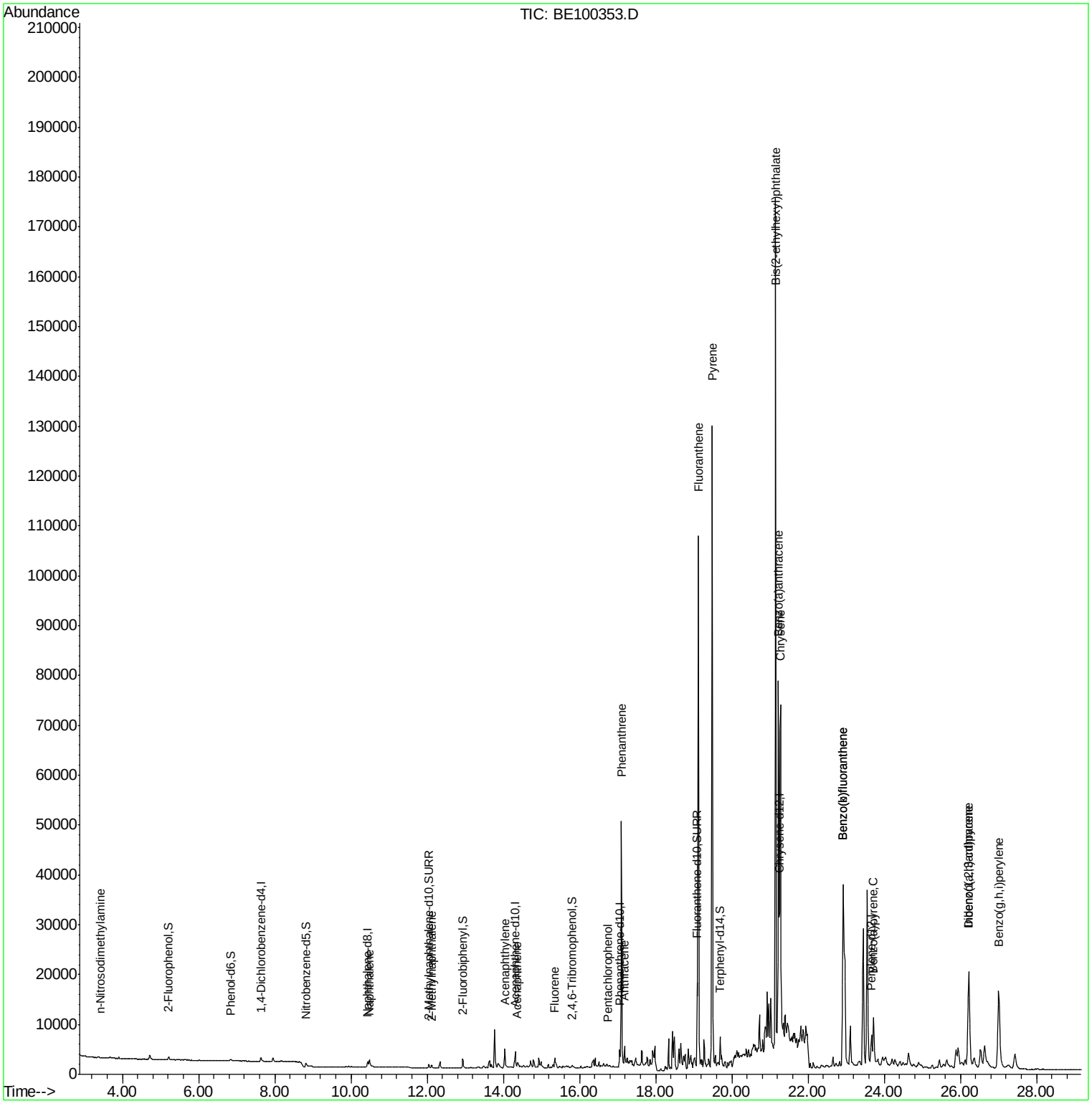
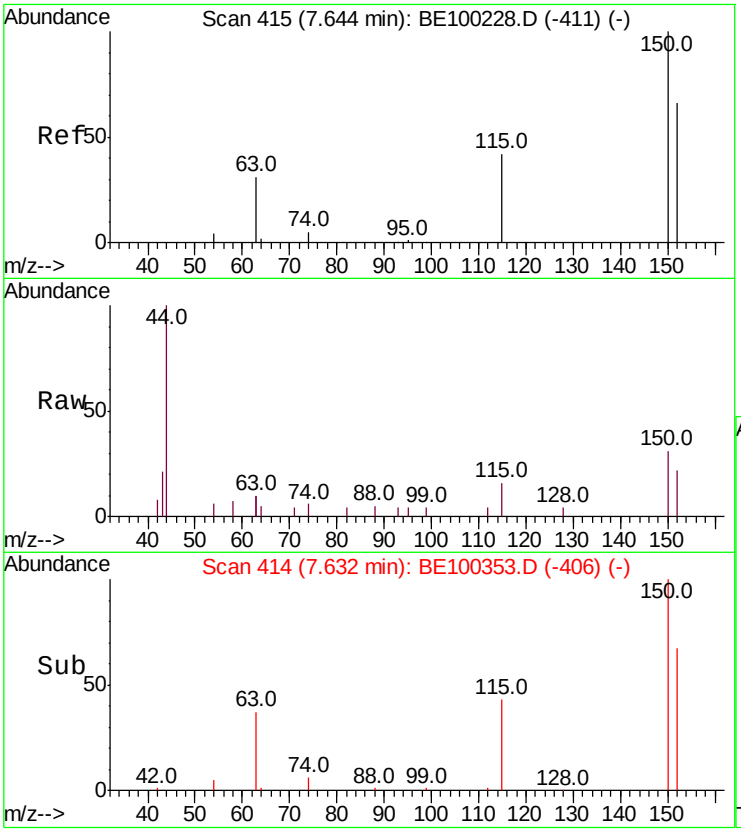
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Quant Time: Jul 05 01:13:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



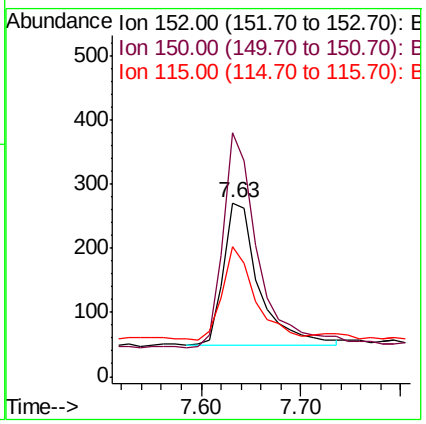


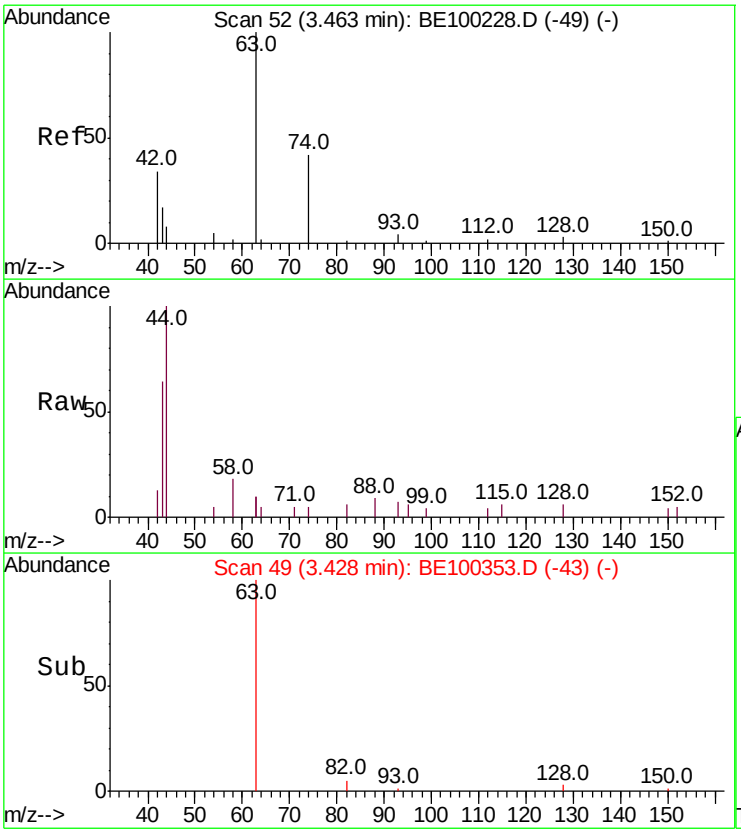
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:152 Resp: 556

Ion	Ratio	Lower	Upper
152	100		
150	140.4	114.5	171.7
115	74.8	57.1	85.7

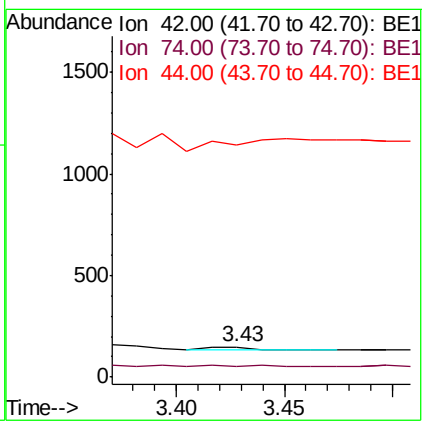


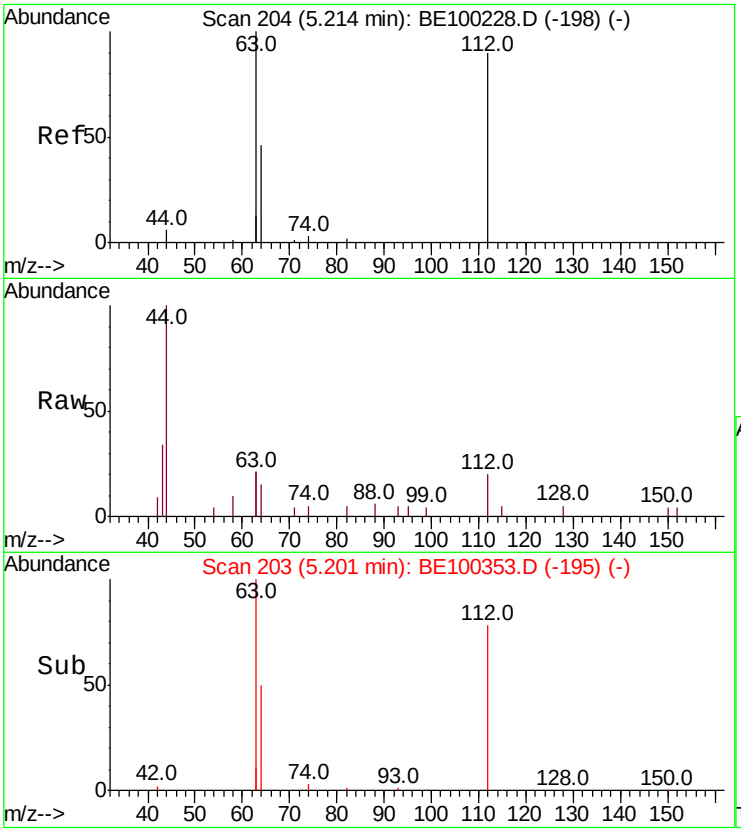


#3
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.04 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	3.8	130.6	196.0#
44	0.0	38.0	57.0#



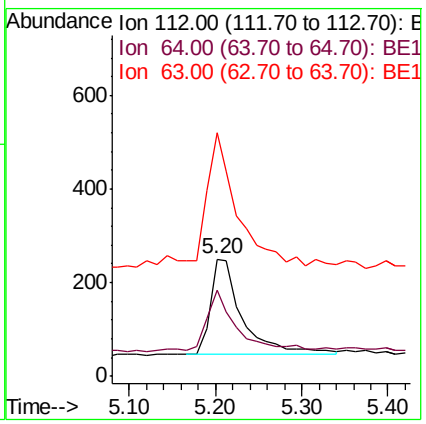


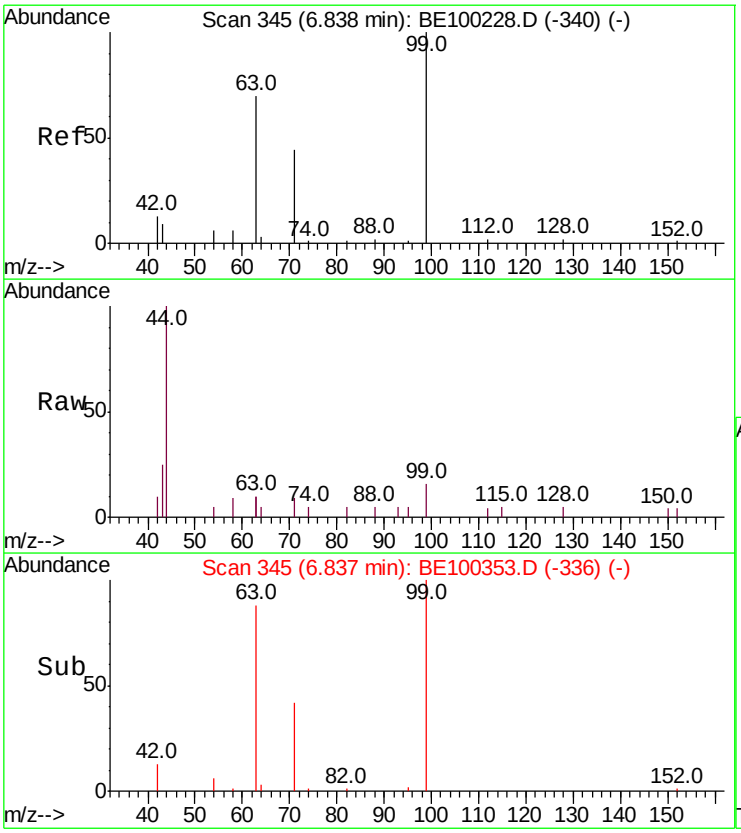
#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:112 Resp: 531

Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.4	59.0
63	128.8	104.5	156.7

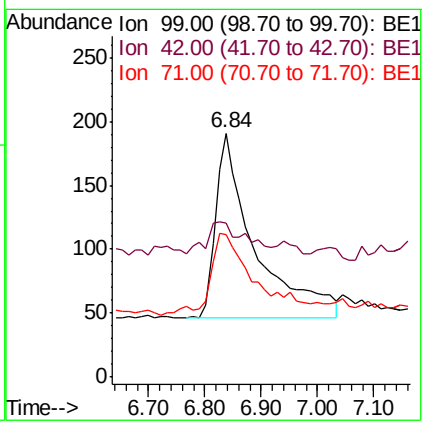


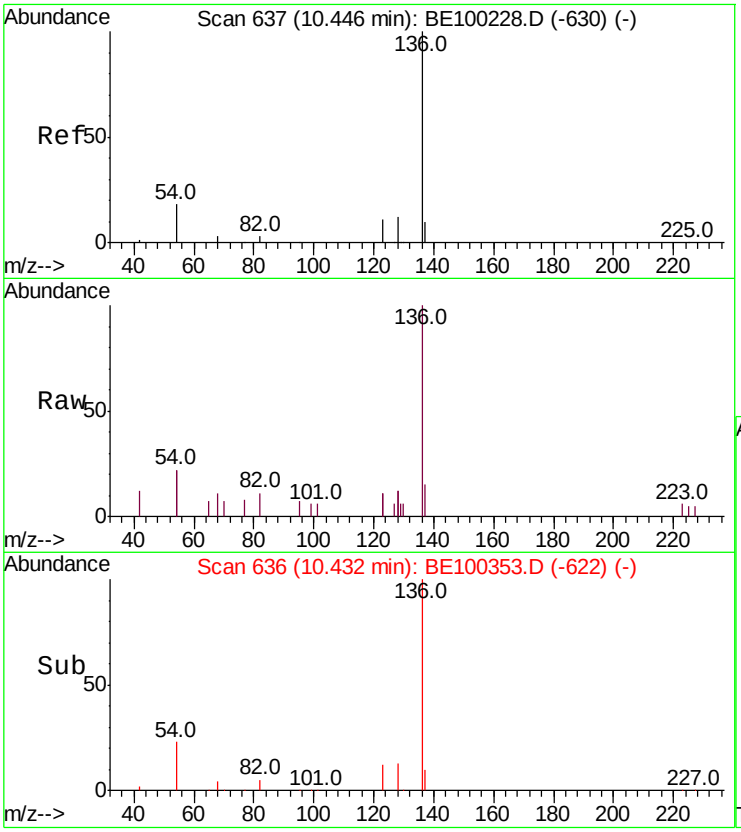


#5
Phenol-d6
Concen: 0.372 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion: 99 Resp: 694

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.2	16.8#
71	43.4	37.2	55.8



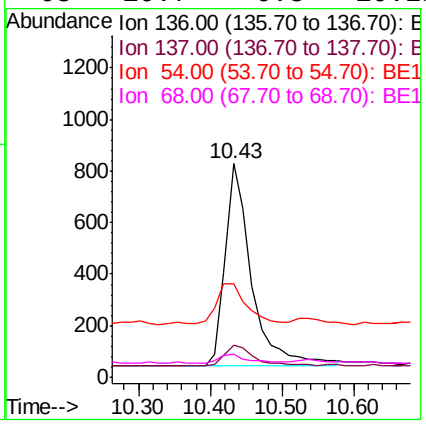


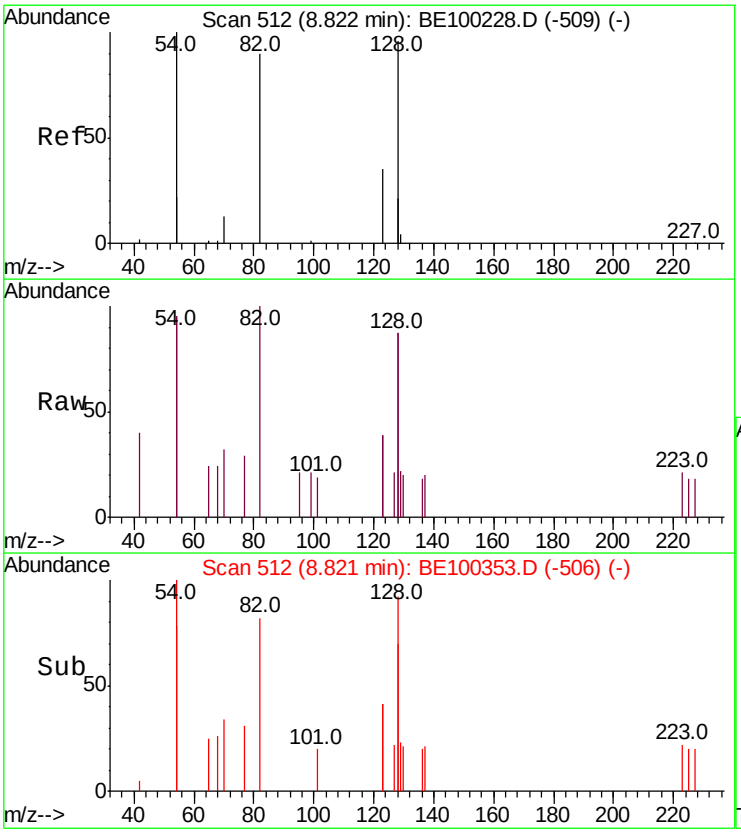
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:136 Resp: 1995

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.8	17.8
54	43.7	27.7	41.5#
68	10.7	6.8	10.2#

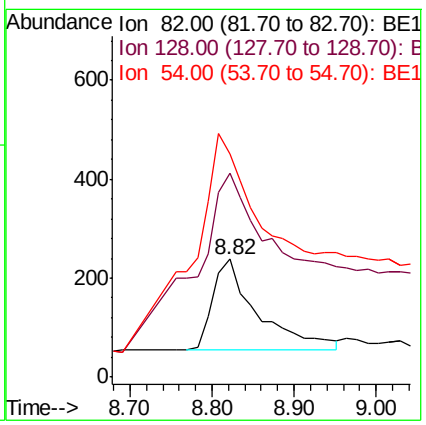


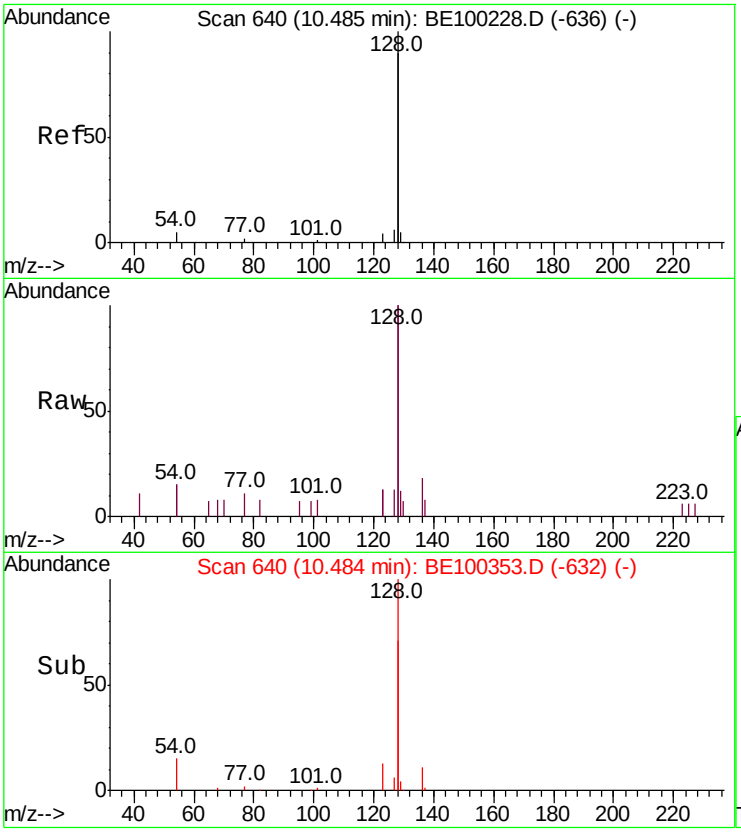


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion: 82 Resp: 706

Ion	Ratio	Lower	Upper
82	100		
128	173.1	140.9	211.3
54	189.1	146.2	219.2



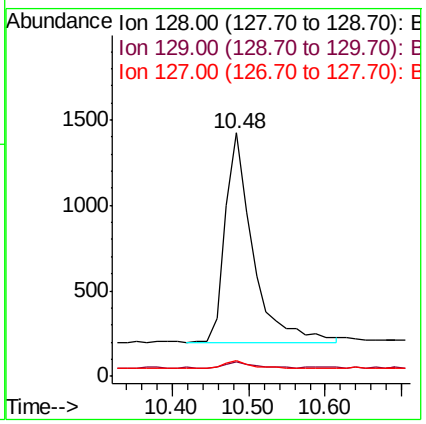


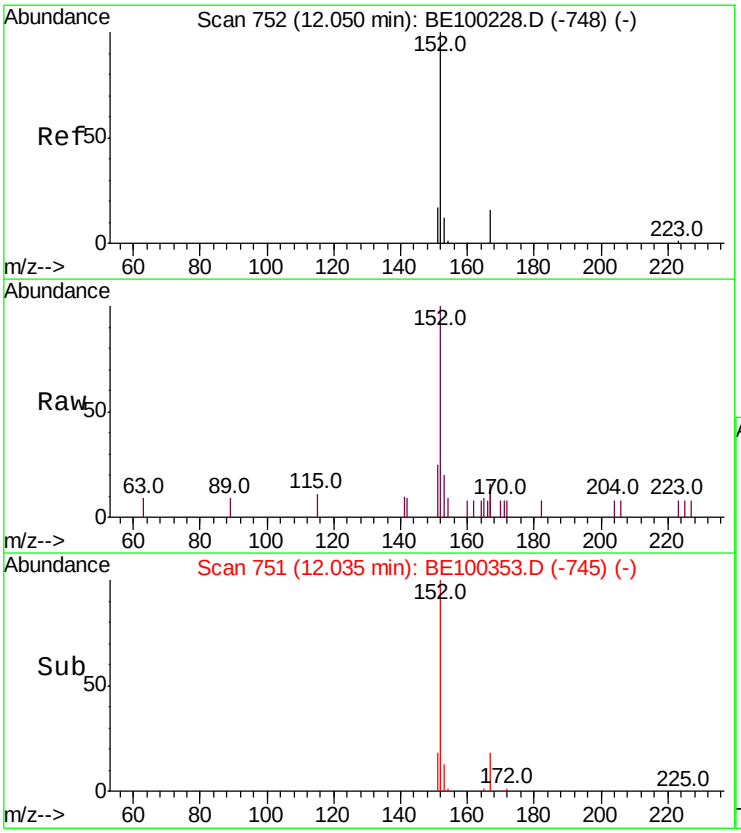
#9
Naphthalene
Concen: 0.139 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:128 Resp: 3066

Ion	Ratio	Lower	Upper
128	100		
129	5.8	3.0	4.6#
127	6.5	3.5	5.3#

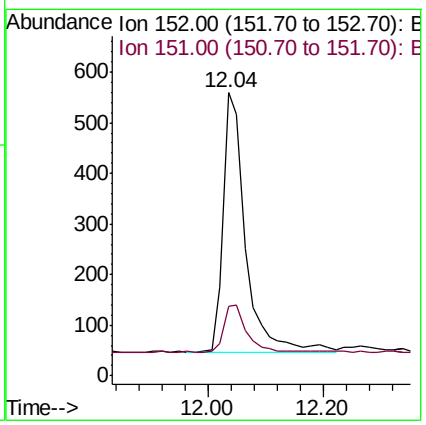


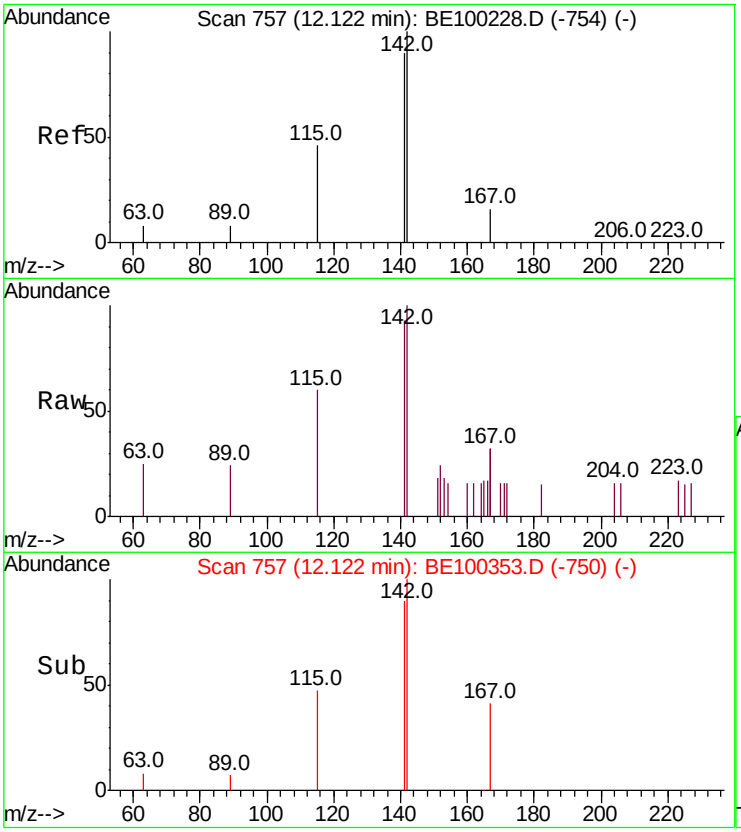


#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:152 Resp: 1396

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.1	22.7



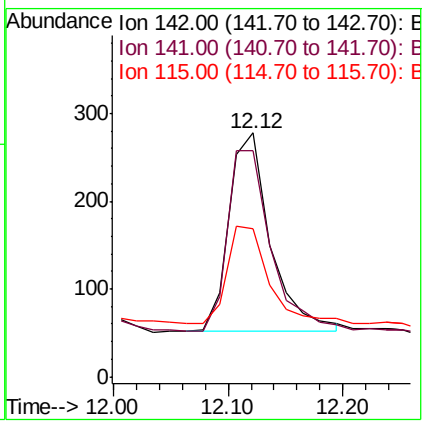


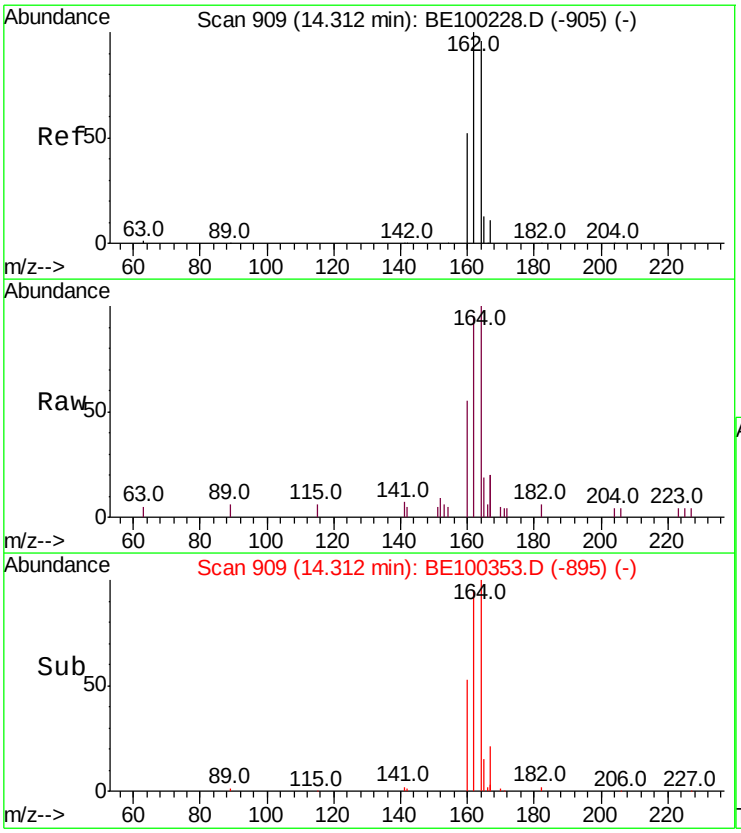
#12
2-Methylnaphthalene
Concen: 0.146 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:142 Resp: 564

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.4	108.6
115	60.4	40.4	60.6

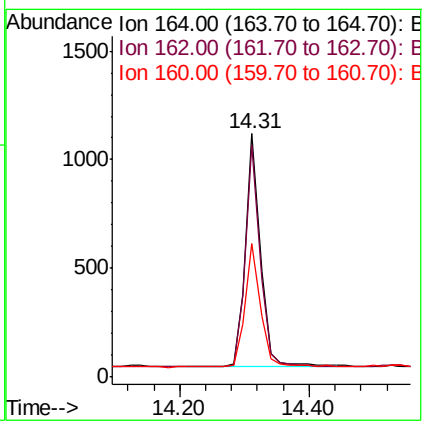


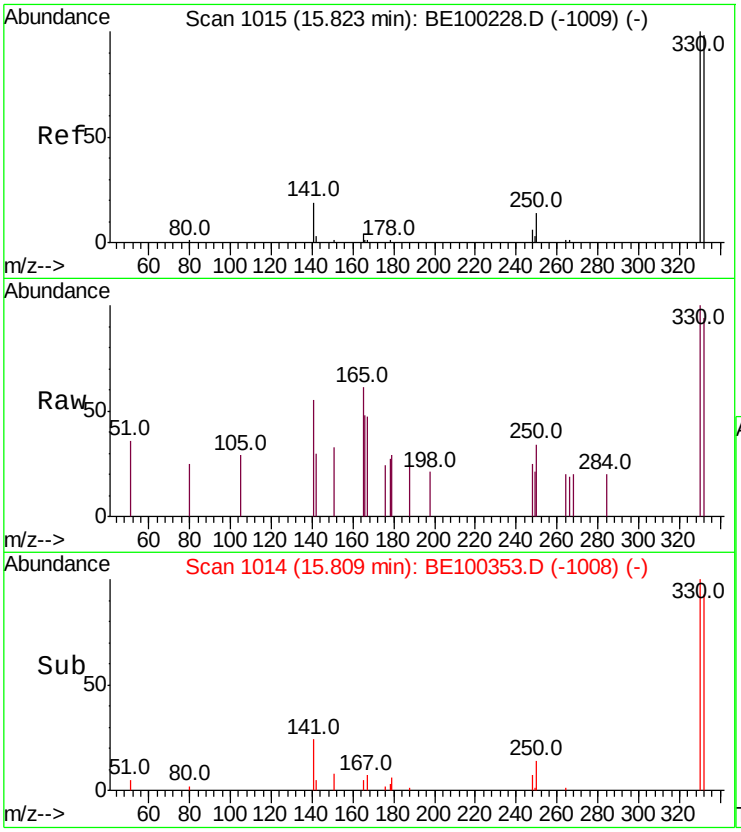


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:164 Resp: 1729

Ion	Ratio	Lower	Upper
164	100		
162	95.2	83.4	125.0
160	54.9	45.0	67.6



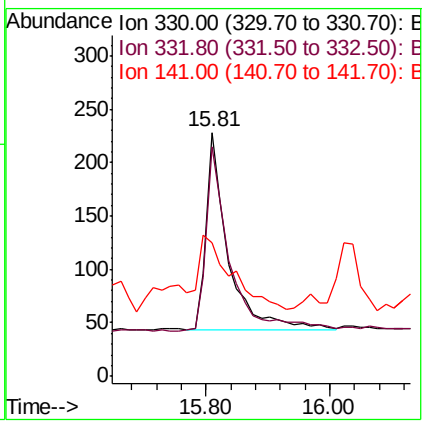


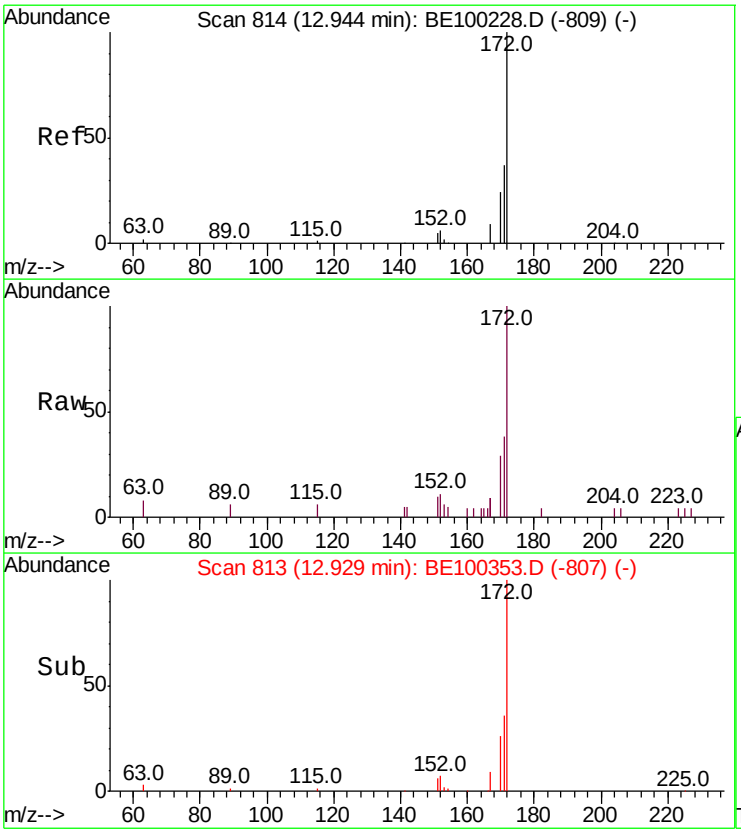
#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.4
141	53.6	22.0	33.0#

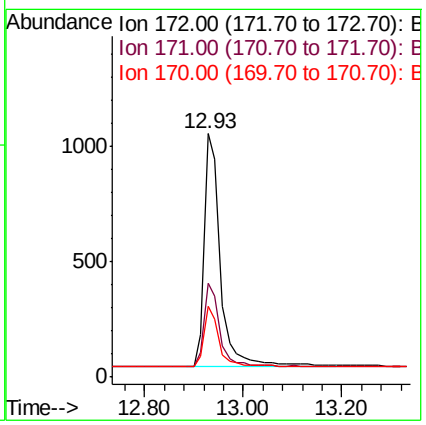


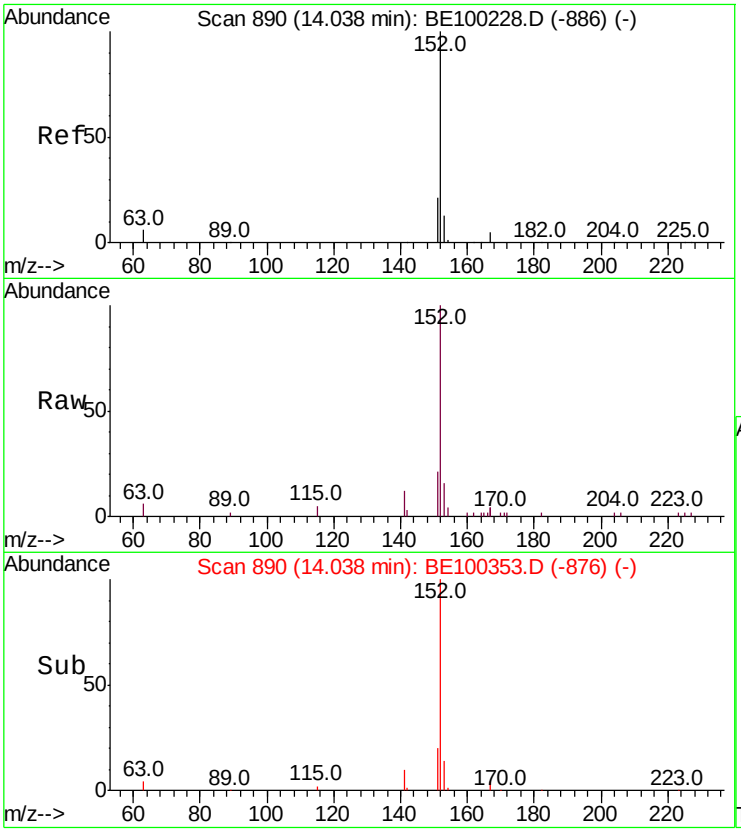


#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:172 Resp: 2318

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.9	47.9
170	29.1	22.2	33.2



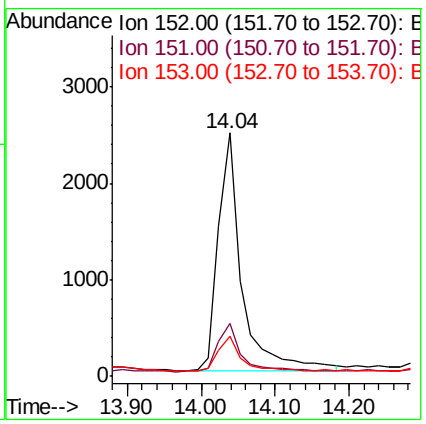


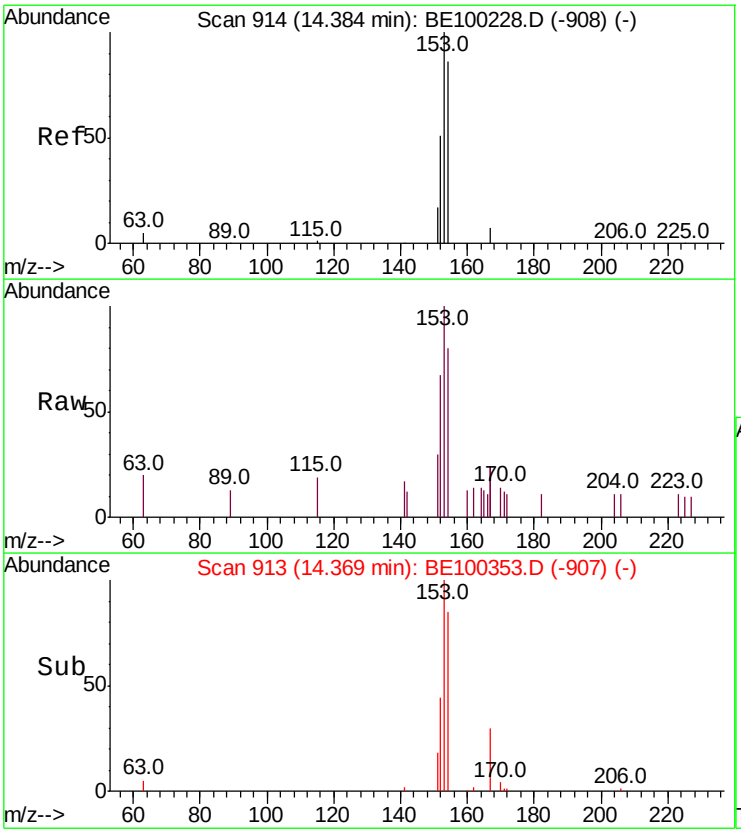
#16
Acenaphthylene
Concen: 0.656 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:152 Resp: 5442

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.7	10.5	15.7

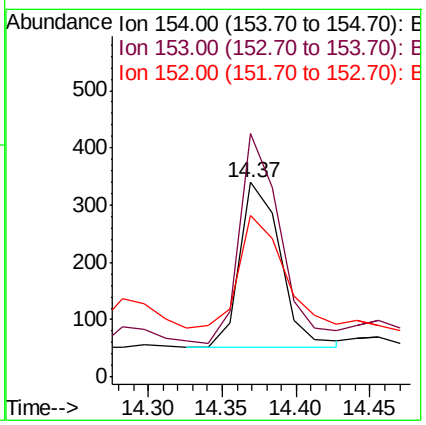


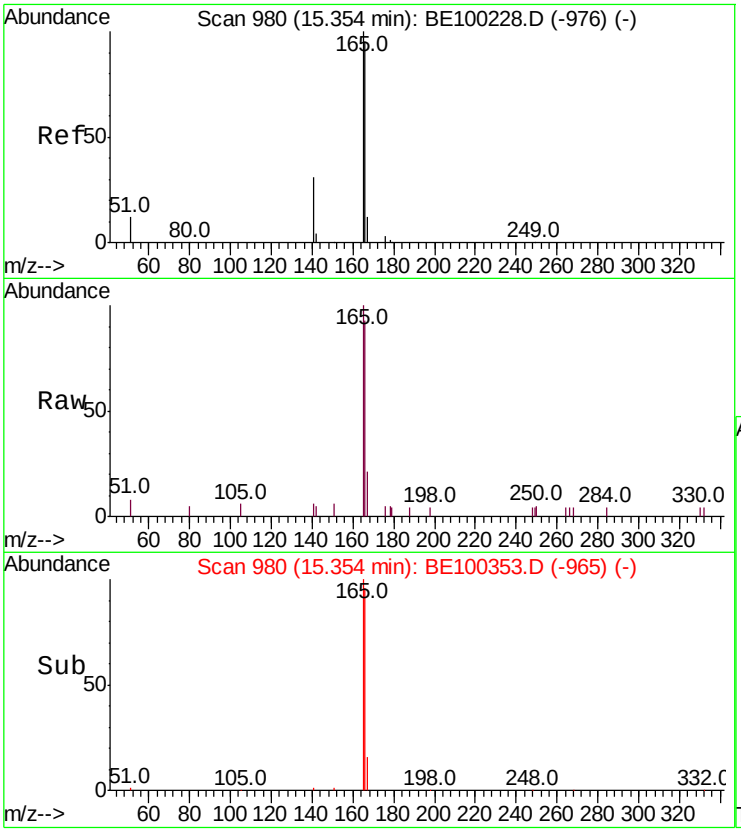


#17
Acenaphthene
Concen: 0.116 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:154 Resp: 545

Ion	Ratio	Lower	Upper
154	100		
153	130.5	93.4	140.2
152	83.3	49.4	74.2#



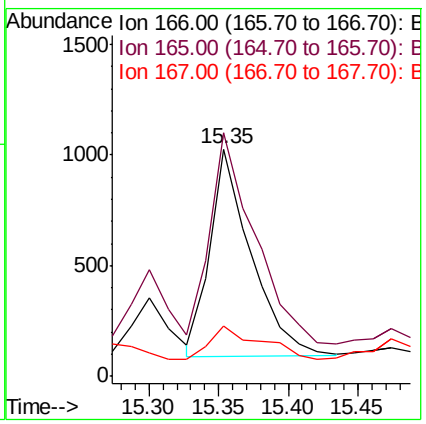


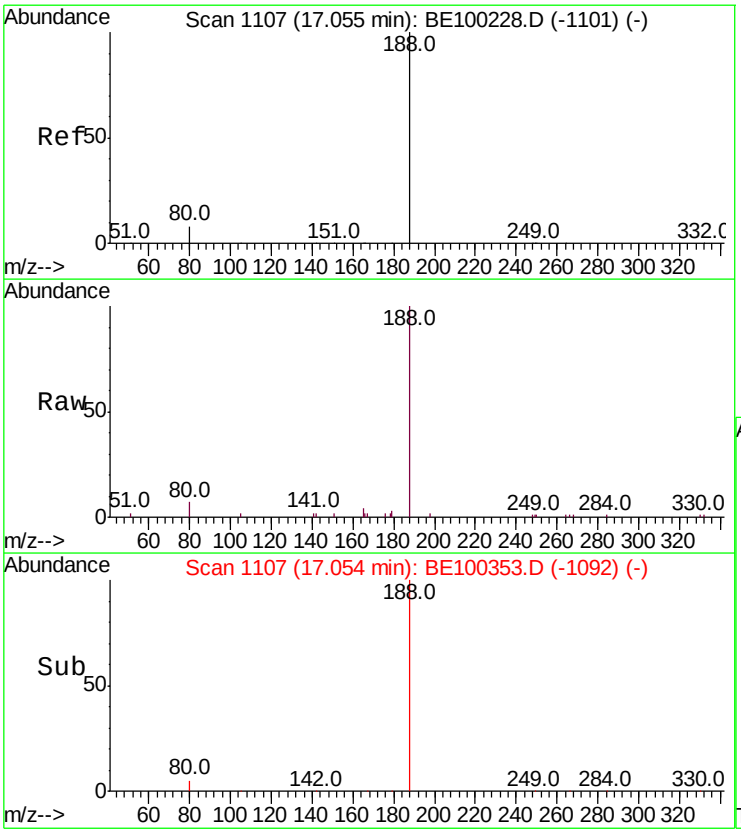
#18
Fluorene
Concen: 0.277 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:166 Resp: 1925

Ion	Ratio	Lower	Upper
166	100		
165	113.1	81.1	121.7
167	19.9	10.7	16.1#

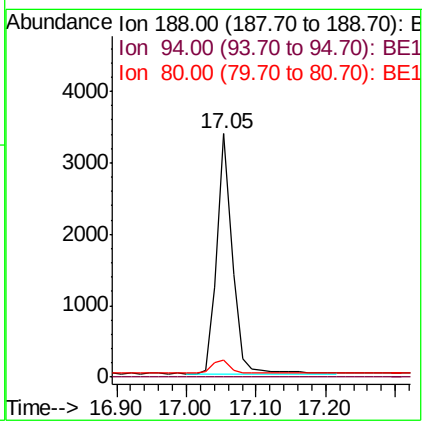


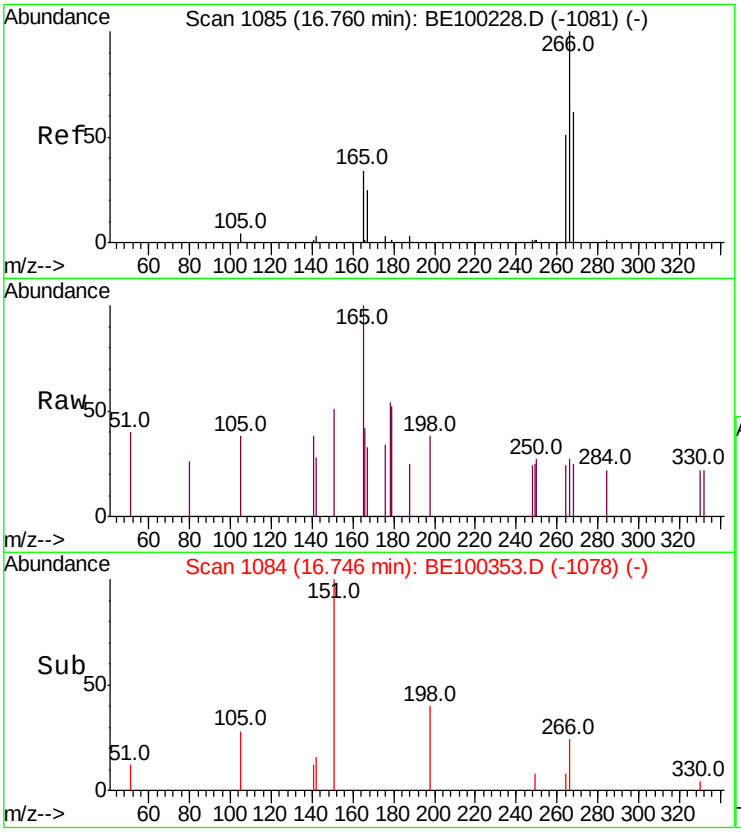


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:188 Resp: 5173

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.6	11.4#



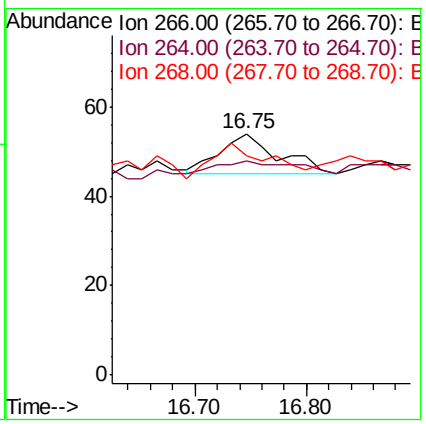


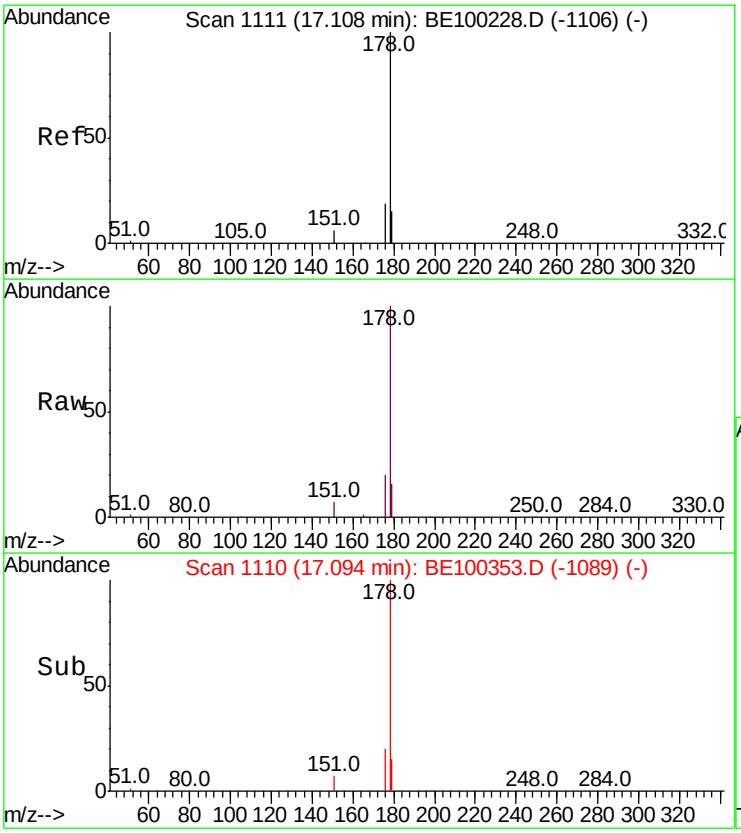
#22
Pentachlorophenol
Concen: 0.032 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	88.9	56.2	84.2#
268	90.7	61.8	92.6

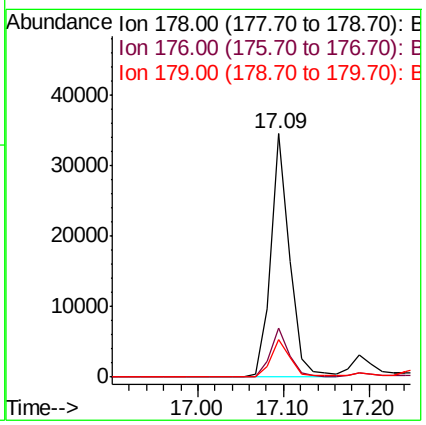


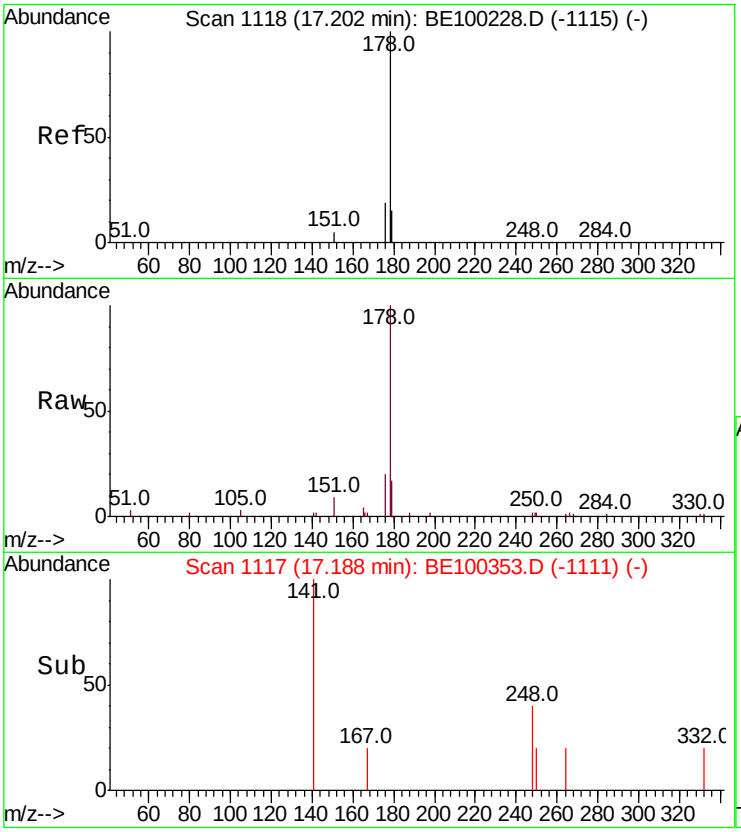


#23
Phenanthrene
Concen: 4.146 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:178 Resp: 51979

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	12.2	18.2



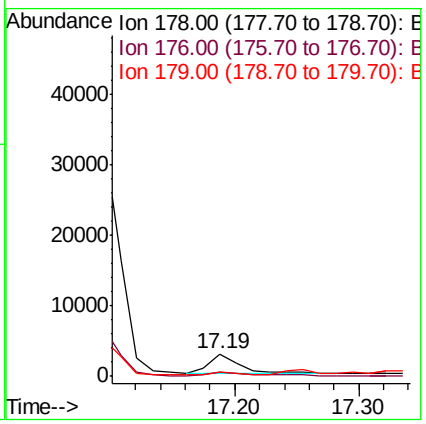


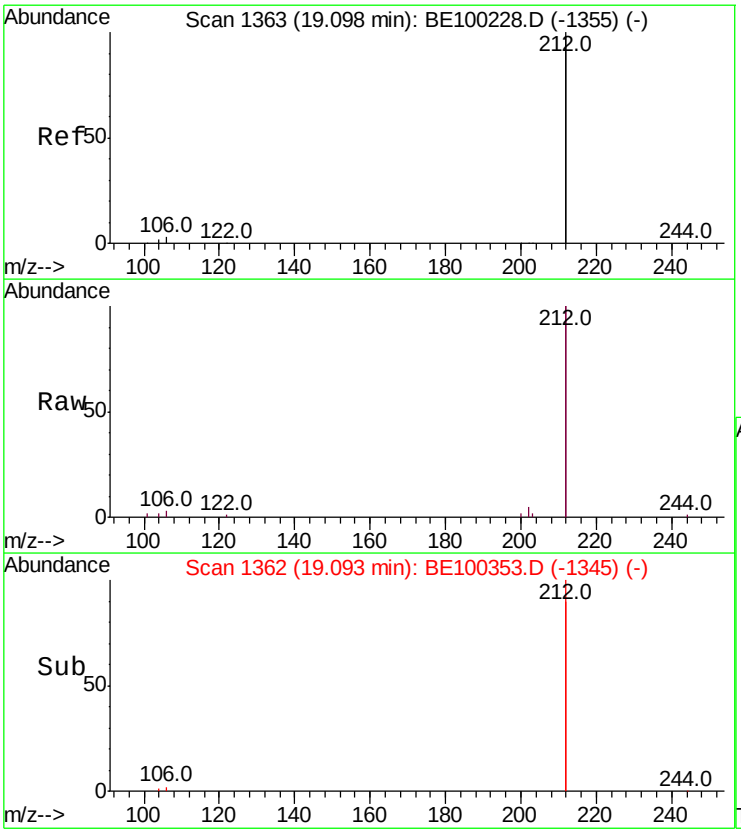
#24
Anthracene
Concen: 0.447 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:178 Resp: 5043

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	10.1	12.2	18.2#

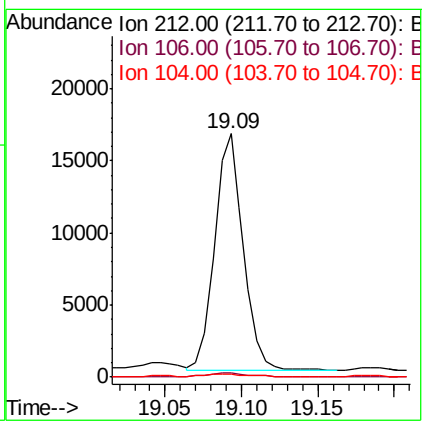


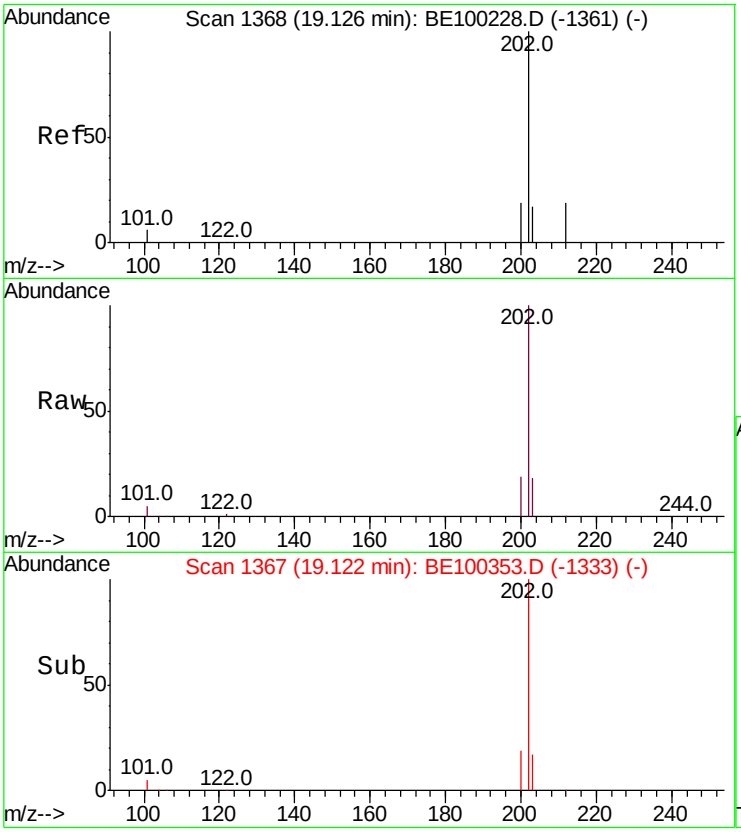


#25
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:212 Resp: 21504

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.8	1.2



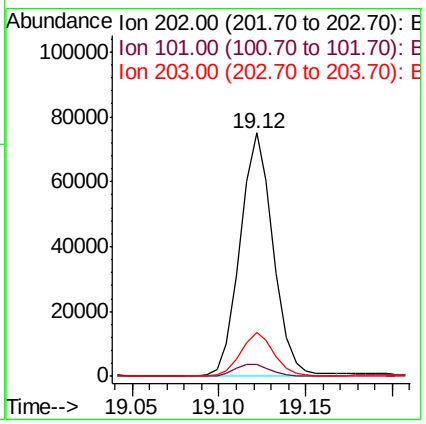


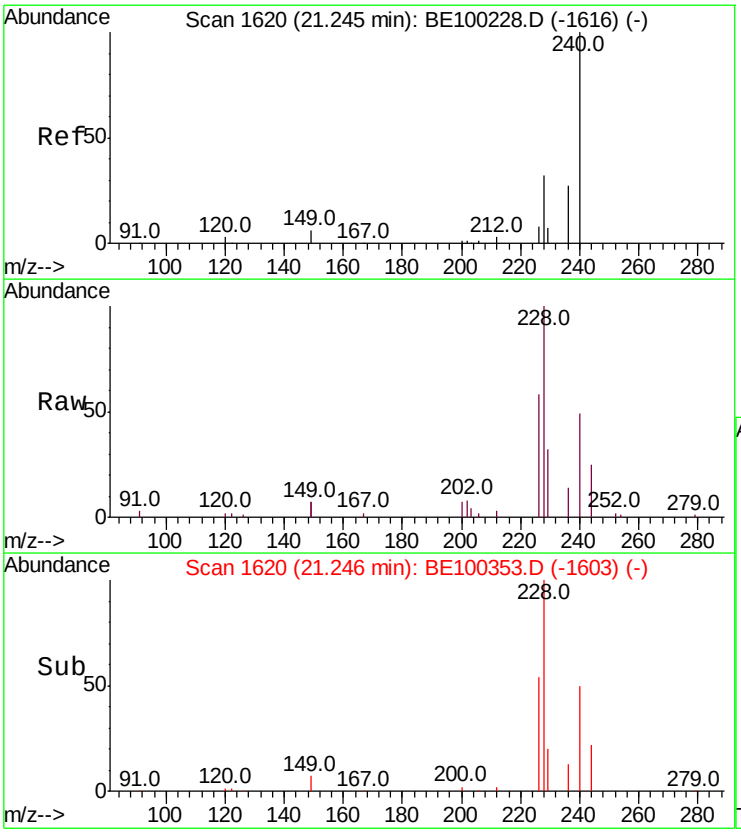
#26
Fluoranthene
Concen: 4.992 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:202 Resp: 99696

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.6	7.0
203	17.7	13.7	20.5

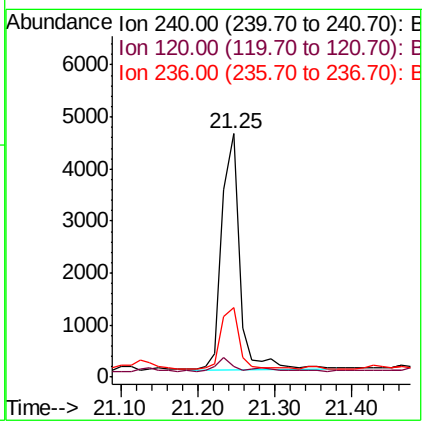


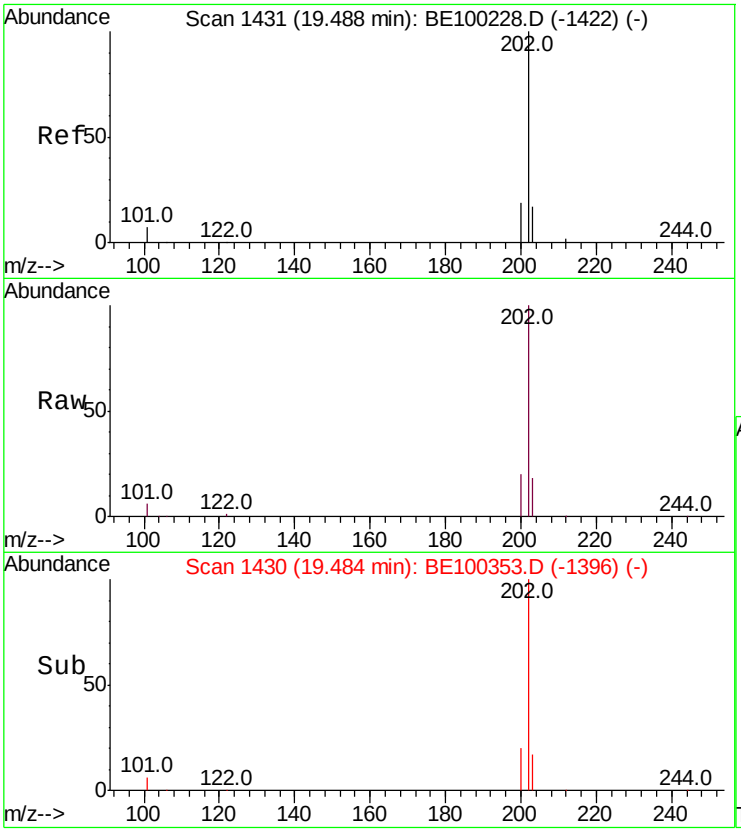


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:240 Resp: 7257

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.3	4.9
236	28.5	22.6	34.0



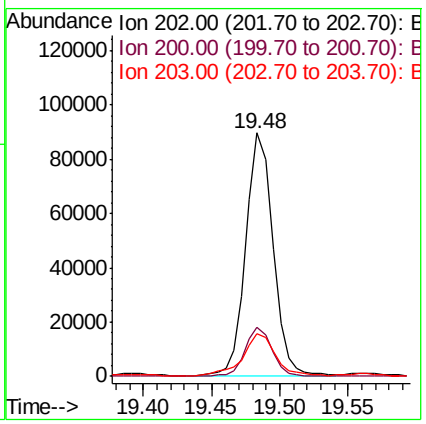


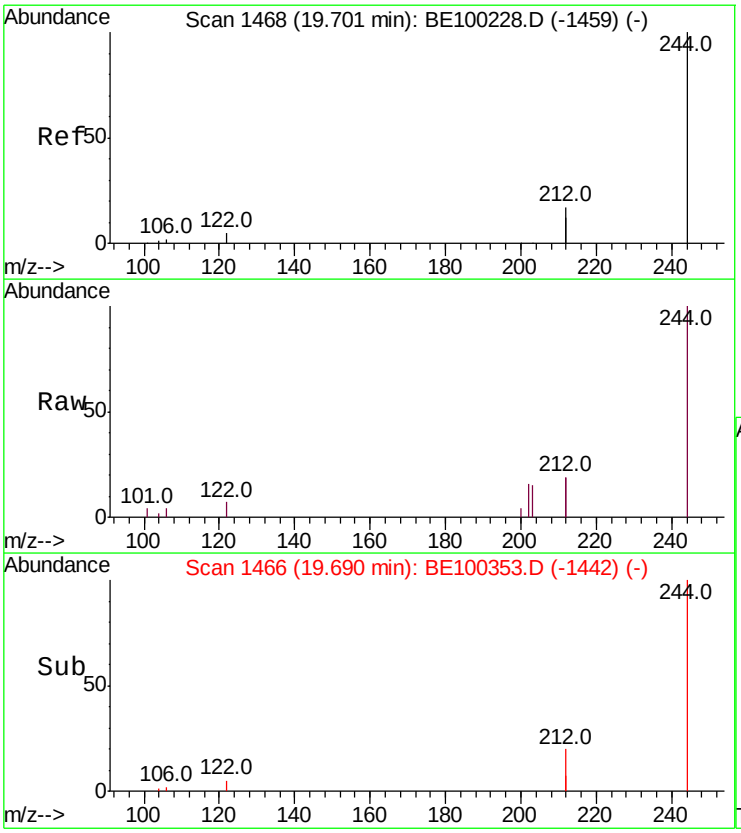
#28
Pyrene
Concen: 6.367 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:202 Resp: 122324

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.5	14.0	21.0

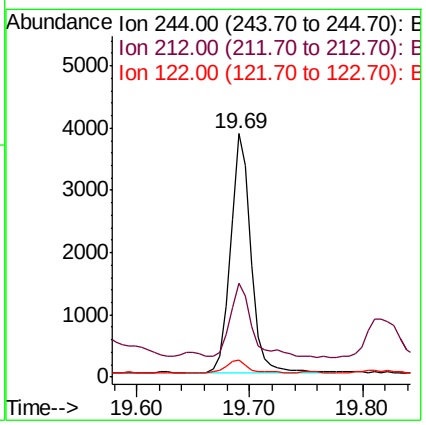


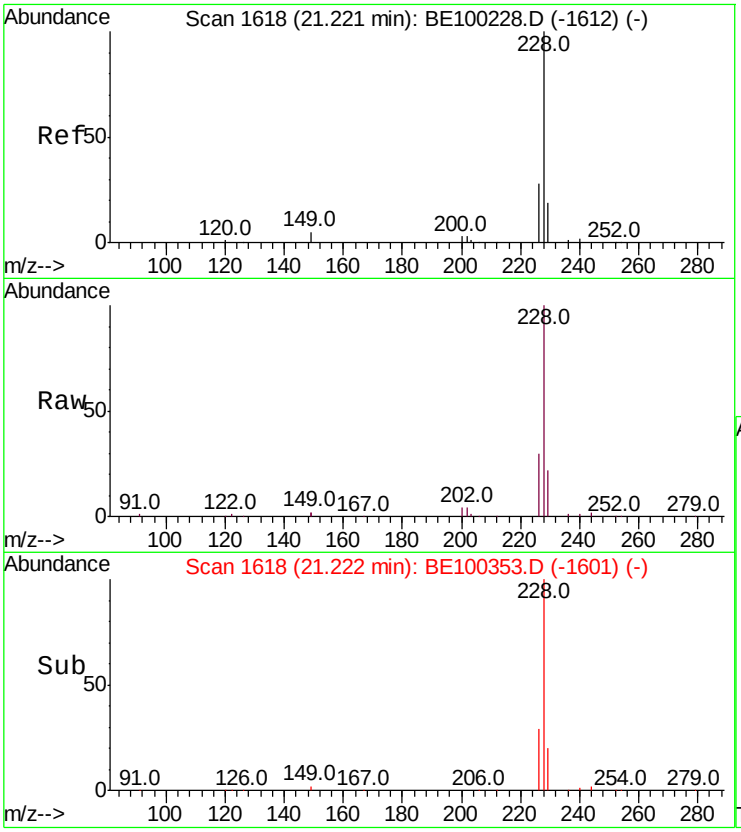


#29
Terphenyl-d14
Concen: 0.320 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:244 Resp: 4810

Ion	Ratio	Lower	Upper
244	100		
212	38.6	27.3	40.9
122	7.0	4.7	7.1



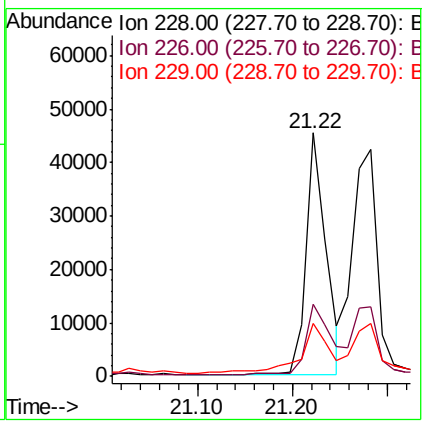


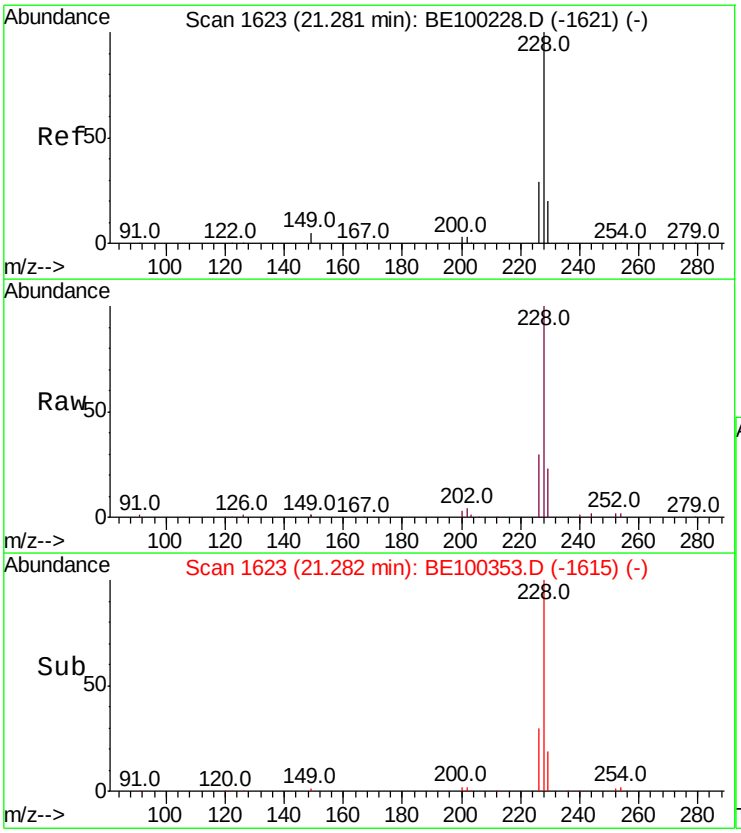
#30
Benzo(a)anthracene
Concen: 2.784 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:228 Resp: 66431

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	21.9	15.7	23.5

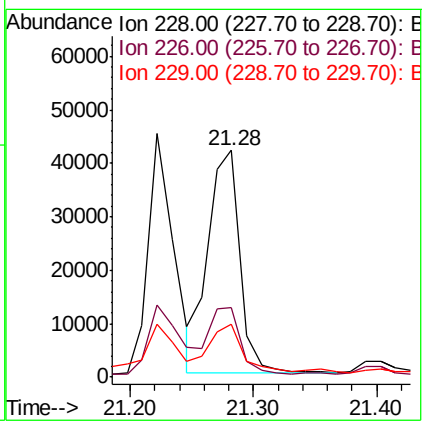


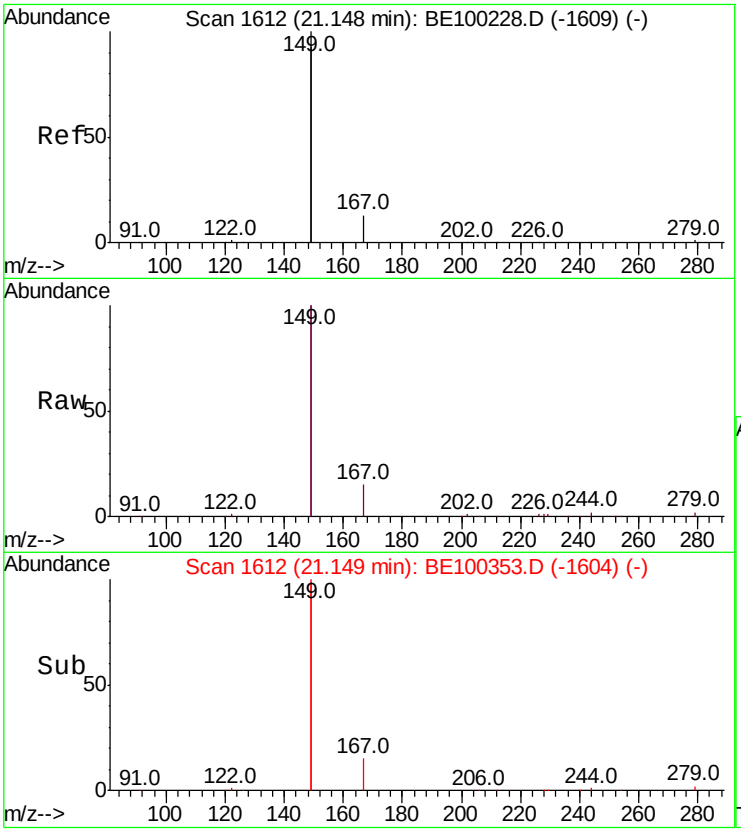


#31
Chrysene
Concen: 3.149 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:228 Resp: 75445

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	23.2	16.5	24.7



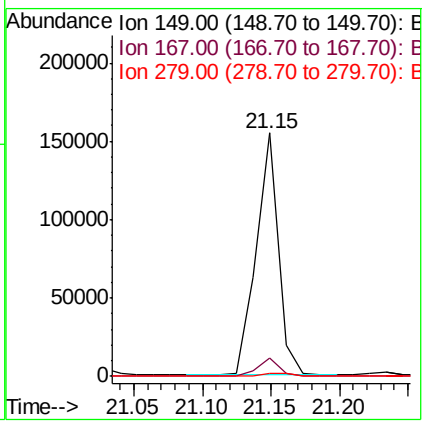


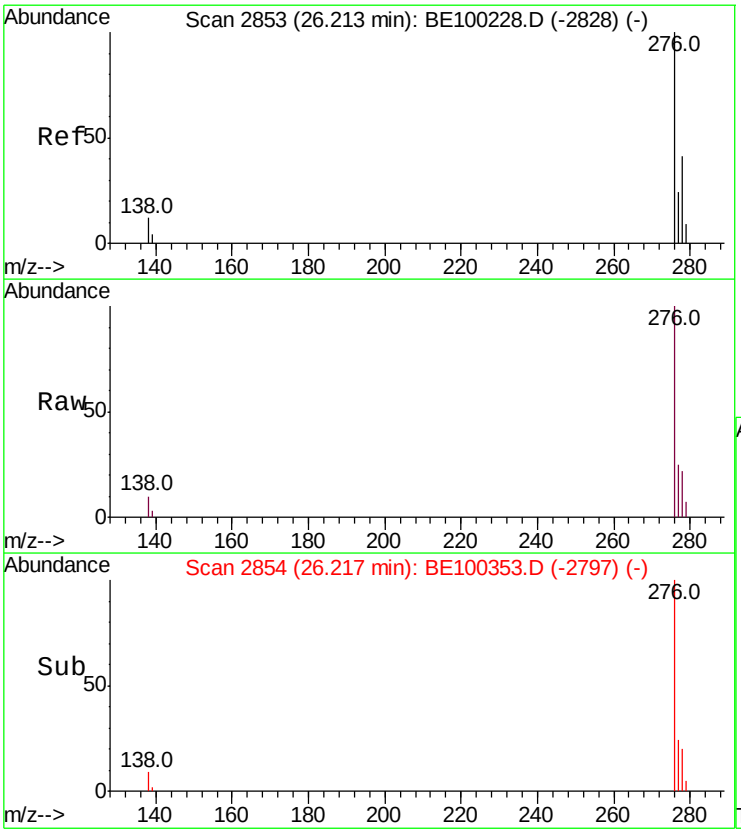
#32
Bis(2-ethylhexyl)phthalate
Concen: 5.052 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:149 Resp: 172329

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.4	1.1	1.7

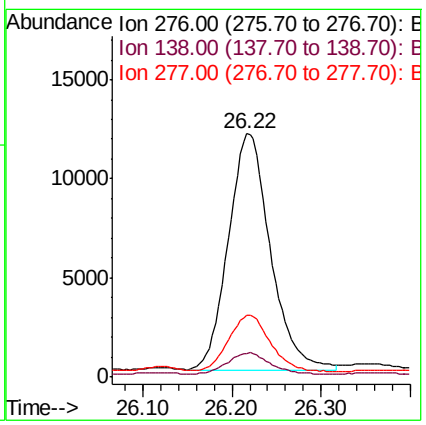


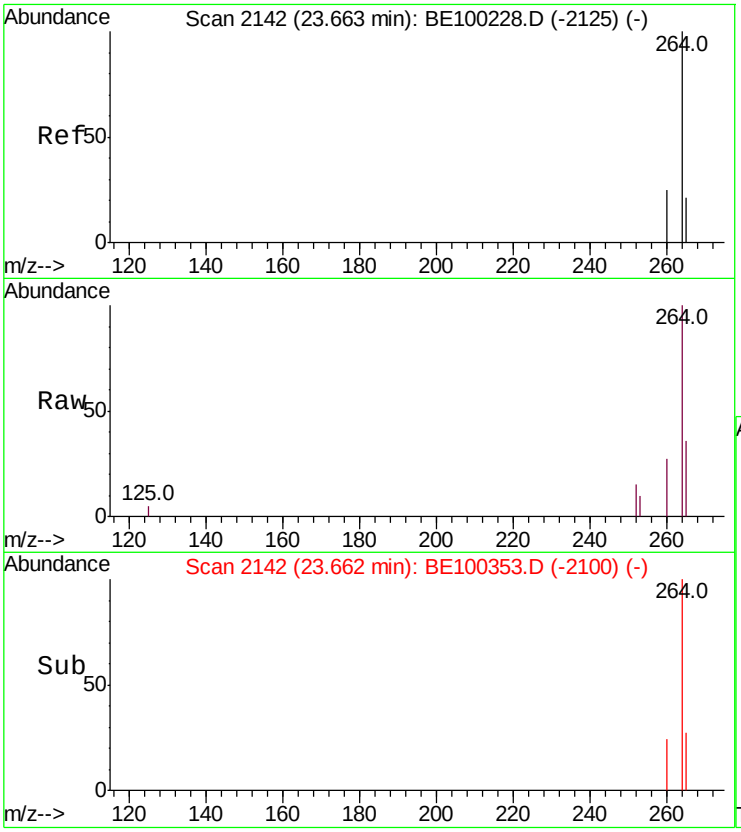


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.235 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:276 Resp: 39133

Ion	Ratio	Lower	Upper
276	100		
138	8.9	9.4	14.0#
277	23.5	19.2	28.8



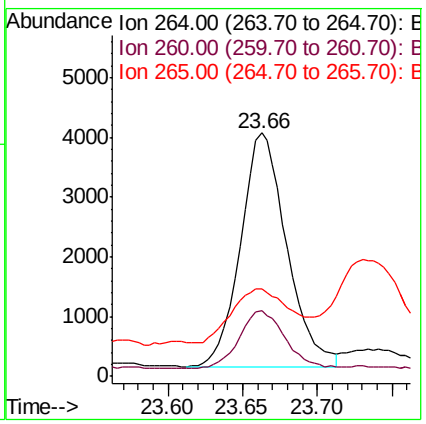


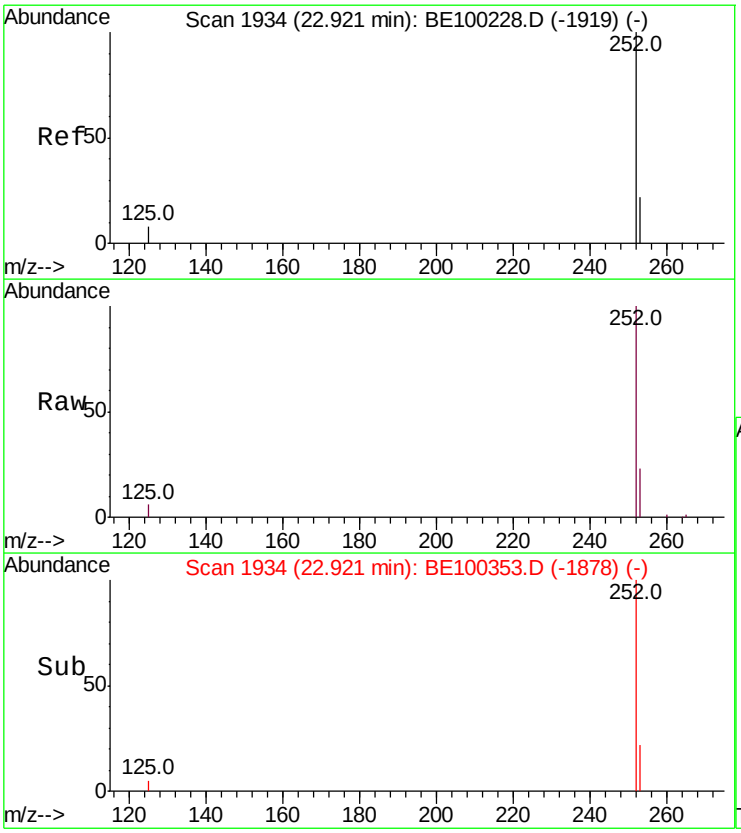
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:264 Resp: 8381

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.8	31.2
265	35.7	21.8	32.6#

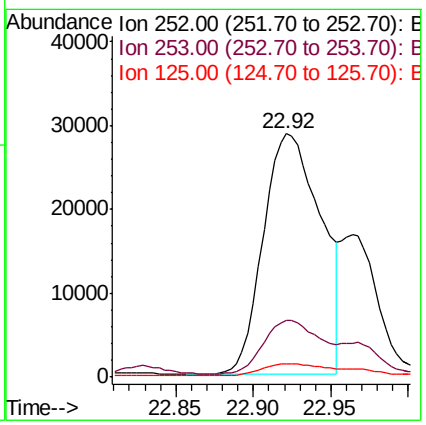


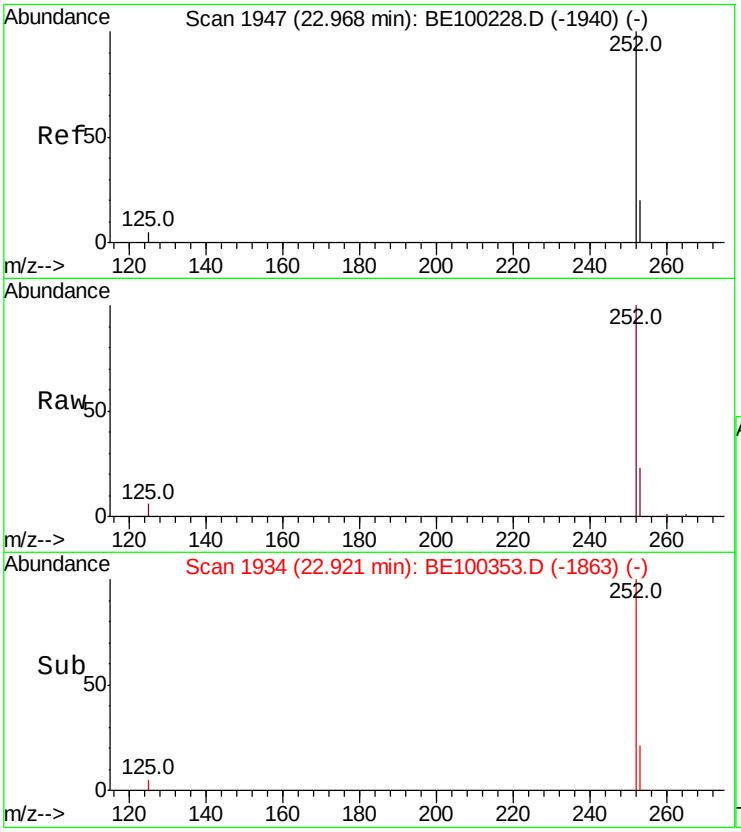


#35
Benzo(b)fluoranthene
Concen: 3.253 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:252 Resp: 73909

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	5.5	7.4	11.0#



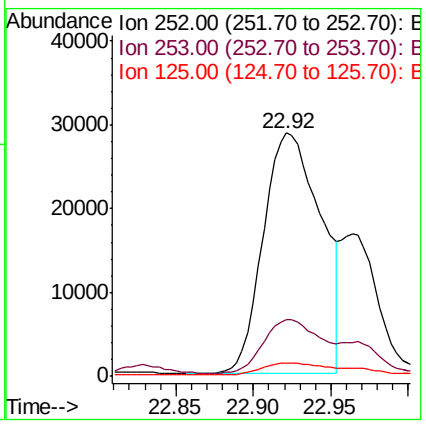


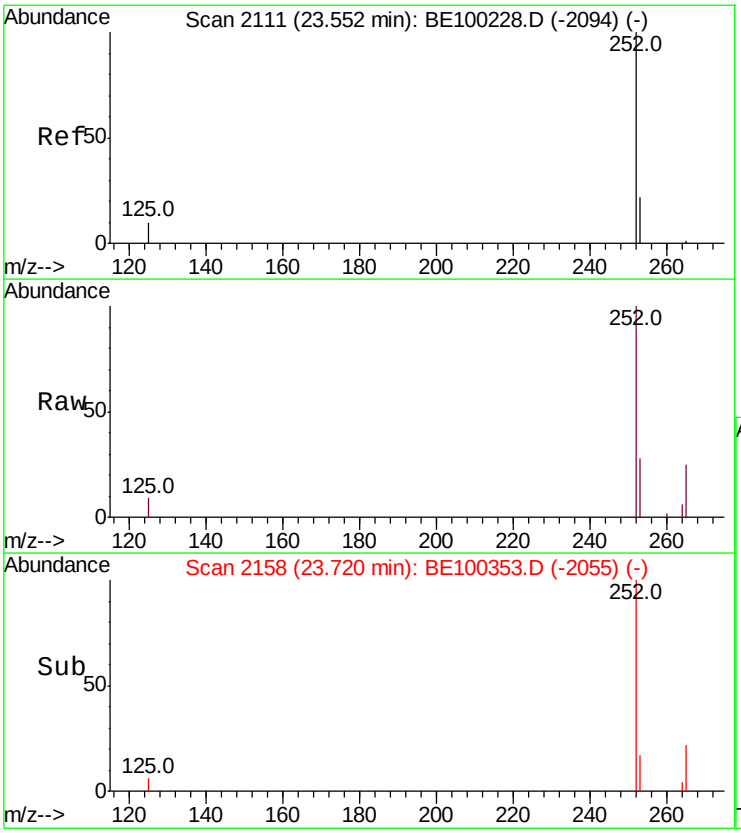
#36
Benzo(k)fluoranthene
Concen: 2.914 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.05 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:252 Resp: 73909

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	5.5	5.0	7.4

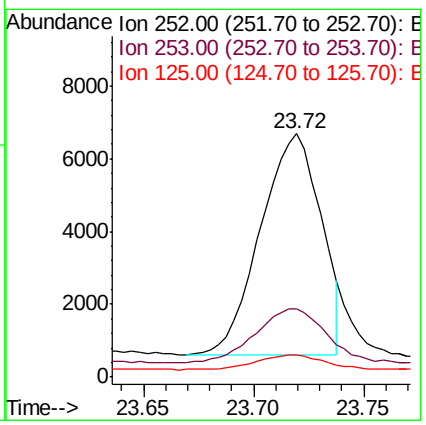


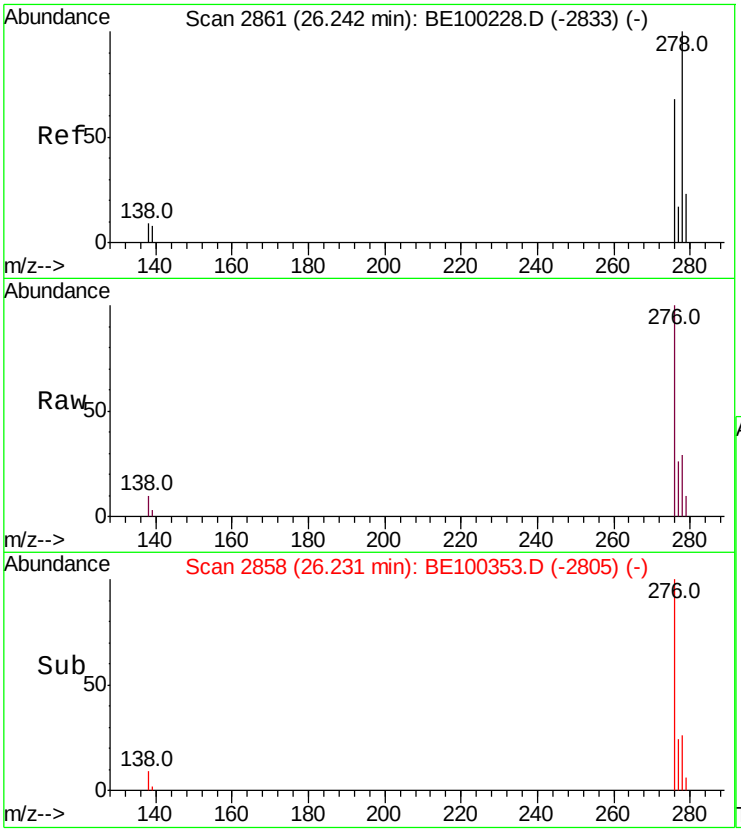


#37
Benzo(a)pyrene
Concen: 0.507 ng
RT: 23.72 min Scan# 2158
Delta R.T. 0.17 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:252 Resp: 11554

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.6	29.4
125	9.3	9.0	13.6



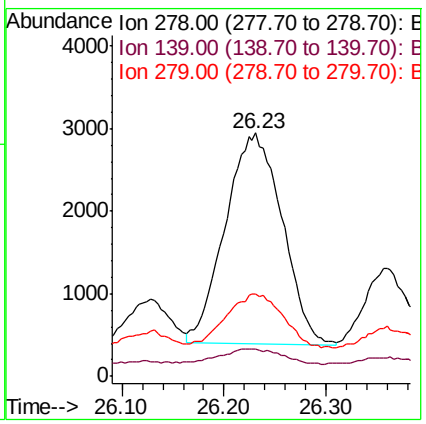


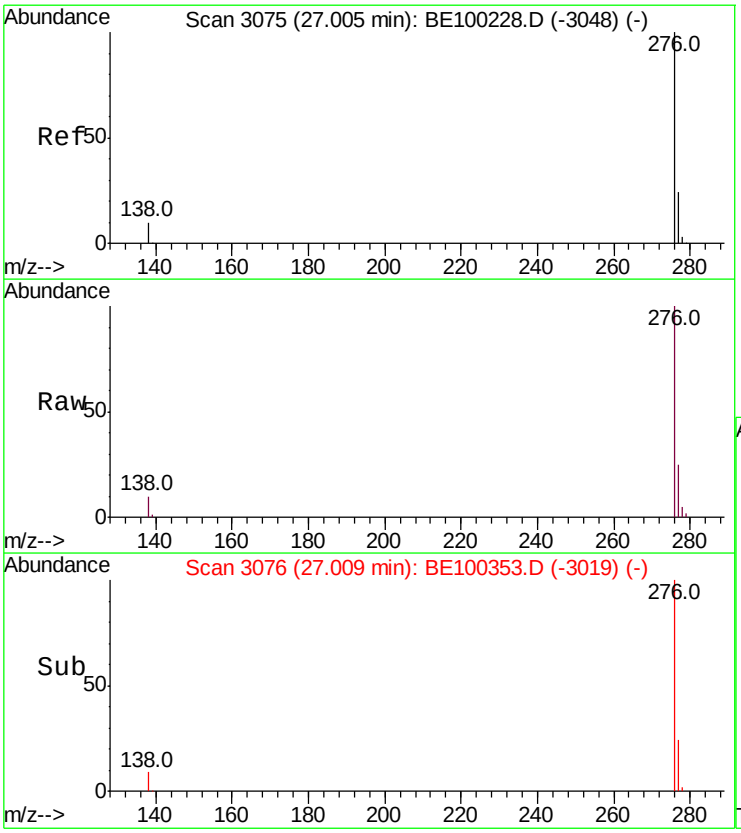
#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Instrument :
BNA_E
ClientSampleId :
PST-016-SW117-062519

Tgt Ion:278 Resp: 9868

Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.2	12.2
279	33.9	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.779 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BE100353.D
Acq: 4 Jul 2019 6:43

Tgt Ion:276 Resp: 43475

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.2
138	10.3	9.0	13.6