Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100952.D
Acq On : 19 Dec 2019 19:01
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 00:33:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 00:29:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2819	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	14019	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	8646	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	19540	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	20444	0.40	ng		0.00
34) Perylene-d12	23.73	264	24007	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	8686	1.30	ng		0.00
5) Phenol-d6	6.93	99	12227	1.21	ng		-0.04
8) Nitrobenzene-d5	8.89	82	15268	2.29	ng		-0.03
11) 2-Methylnaphthalene-d10	12.12	152	34341	1.69	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	4444	4.62	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	51492	1.50	ng		-0.01
25) Fluoranthene-d10	19.14	212	397096	1.72	ng		0.00
29) Terphenyl-d14	19.75	244	79228	1.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	9818	1.910	ng	#	78
3) n-Nitrosodimethylamine	3.62	42	5529	1.322	ng	#	73
6) bis(2-Chloroethyl)ether	7.17	93	14972	1.534	ng		97
9) Naphthalene	10.57	128	244057	1.638	ng		99
10) Hexachlorobutadiene	10.86	225	9803	1.688	ng		99
12) 2-Methylnaphthalene	12.20	142	36715	1.578	ng		97
16) Acenaphthylene	14.10	152	60983	1.705	ng		99
17) Acenaphthene	14.44	154	40600	1.647	ng		99
18) Fluorene	15.42	166	52921	1.665	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	15006	1.565	ng	#	88
21) Hexachlorobenzene	16.42	284	16037	1.540	ng		98
22) Pentachlorophenol	16.79	266	2540	3.526	ng	#	78
23) Phenanthrene	17.15	178	87107	1.472	ng		100
24) Anthracene	17.24	178	67068	1.355	ng		99
26) Fluoranthene	19.17	202	115972	1.642	ng		99
28) Pyrene	19.53	202	120299	1.811	ng		99
30) Benzo(a)anthracene	21.28	228	96187	1.596	ng		98
31) Chrysene	21.33	228	107046	1.512	ng		98
32) Bis(2-ethylhexyl)phthalate	21.22	149	267807	4.904	ng		100
33) Indeno(1,2,3-cd)pyrene	26.29	276	118624	1.923	ng	#	61
35) Benzo(b)fluoranthene	22.98	252	94687	1.441	ng		97
36) Benzo(k)fluoranthene	23.03	252	147240	1.998	ng	#	87
37) Benzo(a)pyrene	23.62	252	102815	1.807	ng	#	94
38) Dibenzo(a,h)anthracene	26.32	278	90760	1.603	ng	#	93
39) Benzo(g,h,i)perylene	27.08	276	106037	1.752	ng		97

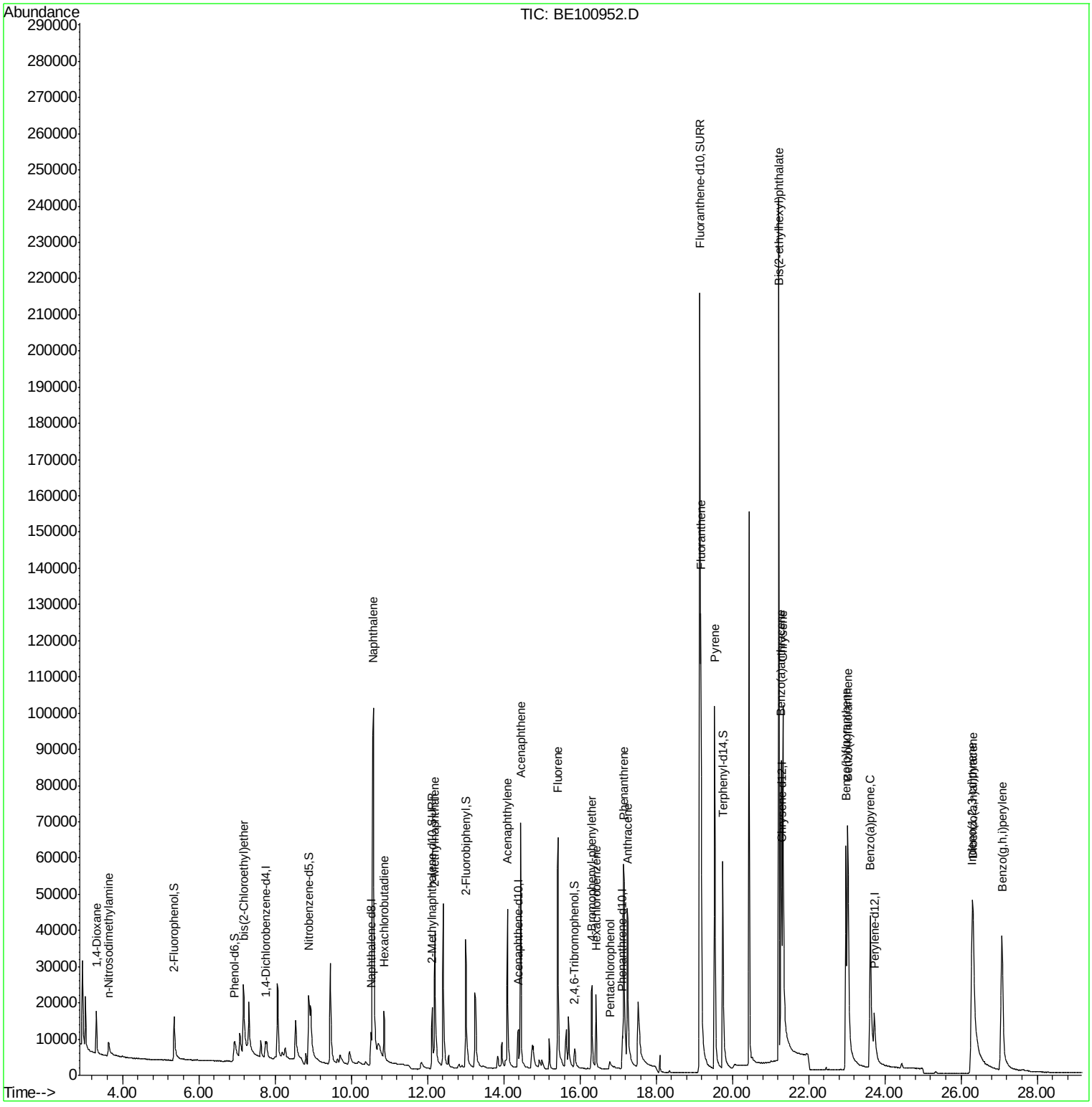
(#) = qualifier out of range (m) = manual integration (+) = signals summed

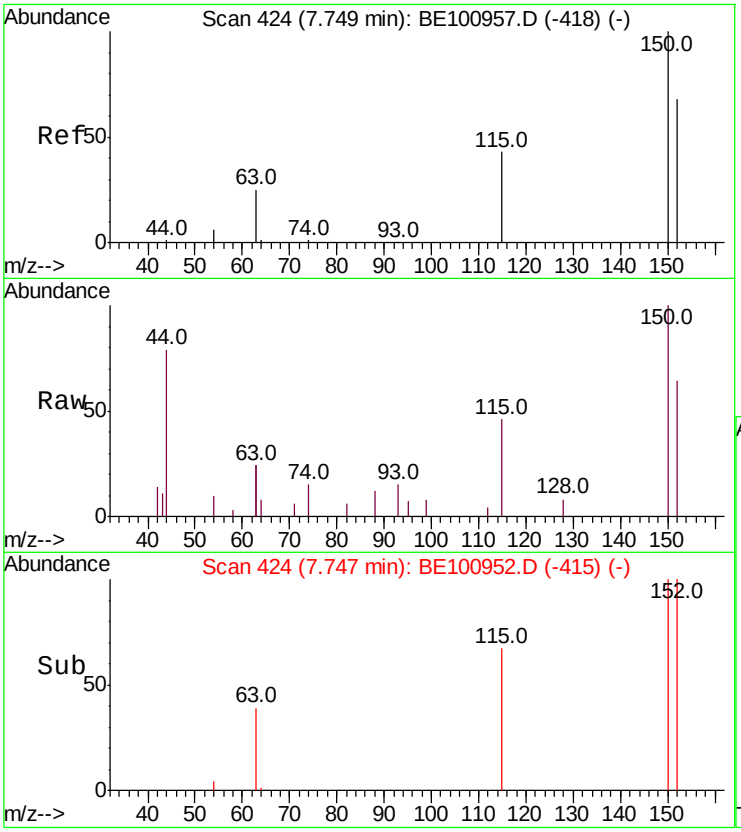
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100952.D
Acq On : 19 Dec 2019 19:01
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 00:33:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 00:29:37 2019
Response via : Initial Calibration



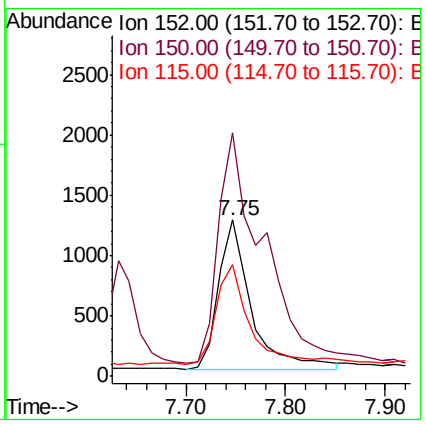


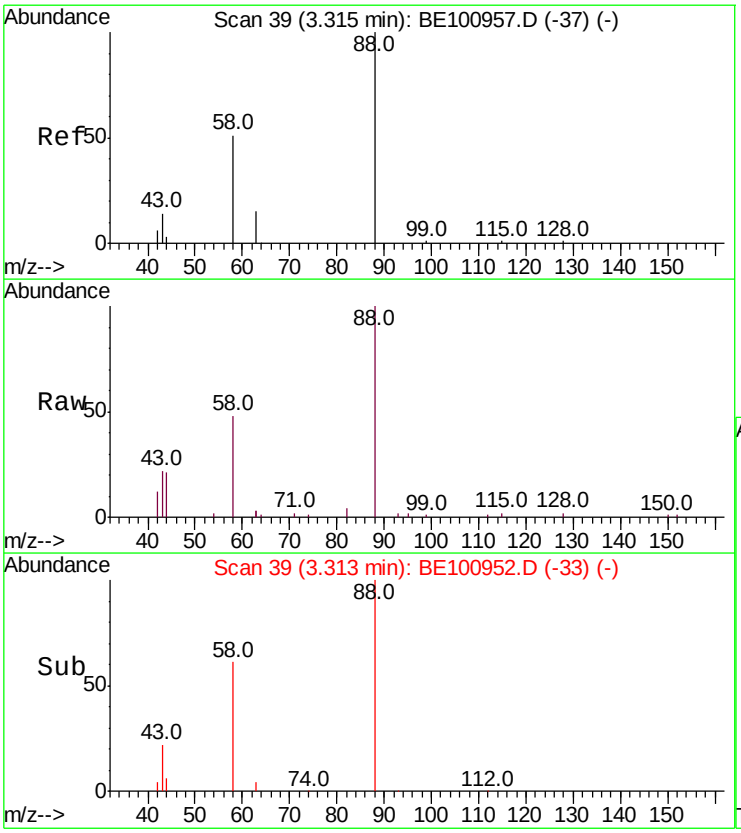
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2819

Ion	Ratio	Lower	Upper
152	100		
150	155.6	116.7	175.1
115	71.7	55.7	83.5

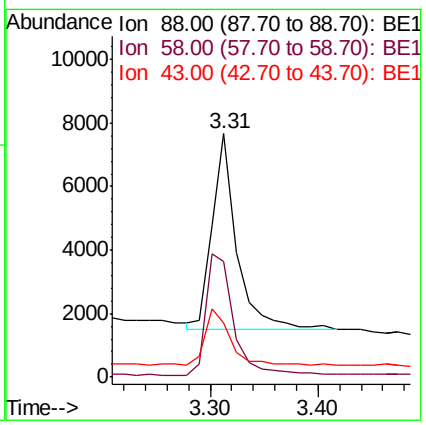


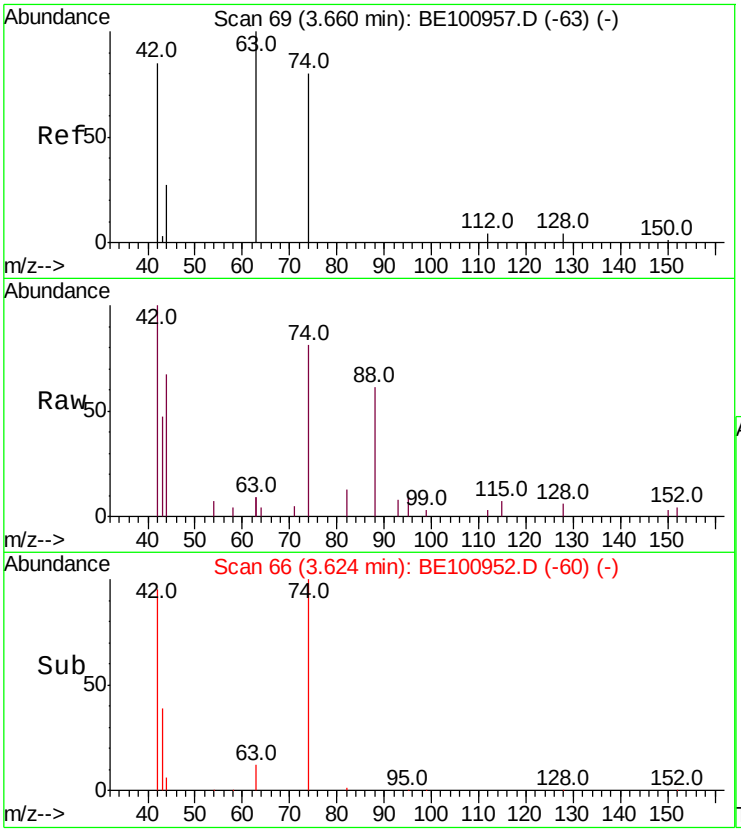


#2
1,4-Dioxane
Concen: 1.910 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion: 88 Resp: 9818

Ion	Ratio	Lower	Upper
88	100		
58	68.9	38.6	57.8#
43	29.0	20.5	30.7



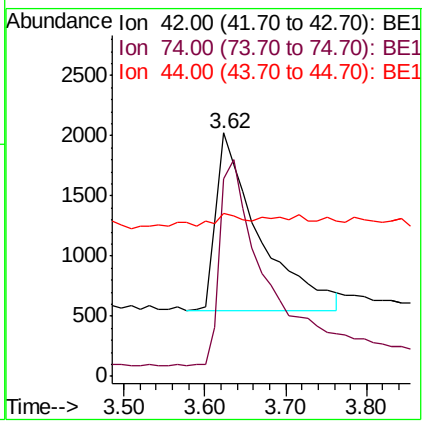


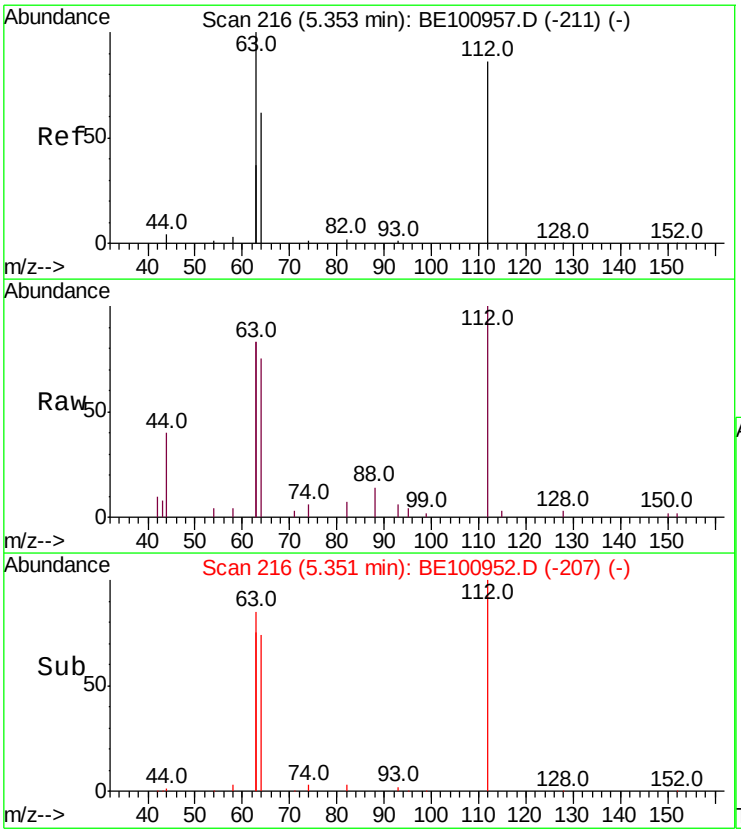
#3
n-Nitrosodimethylamine
Concen: 1.322 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.04 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 5529

Ion	Ratio	Lower	Upper
42	100		
74	124.0	77.8	116.6#
44	4.1	0.0	0.0#

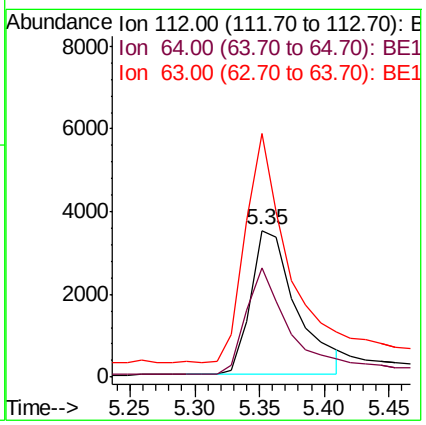


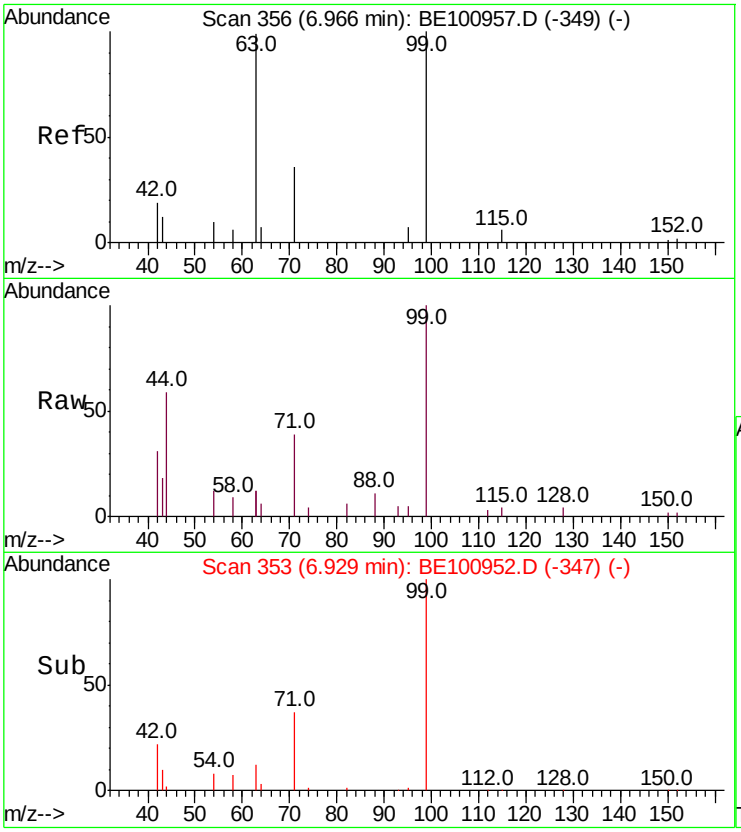


#4
2-Fluorophenol
Concen: 1.298 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:112 Resp: 8686

Ion	Ratio	Lower	Upper
112	100		
64	67.9	58.6	88.0
63	146.2	121.0	181.6



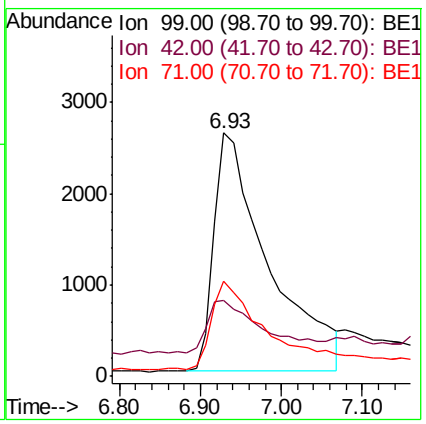


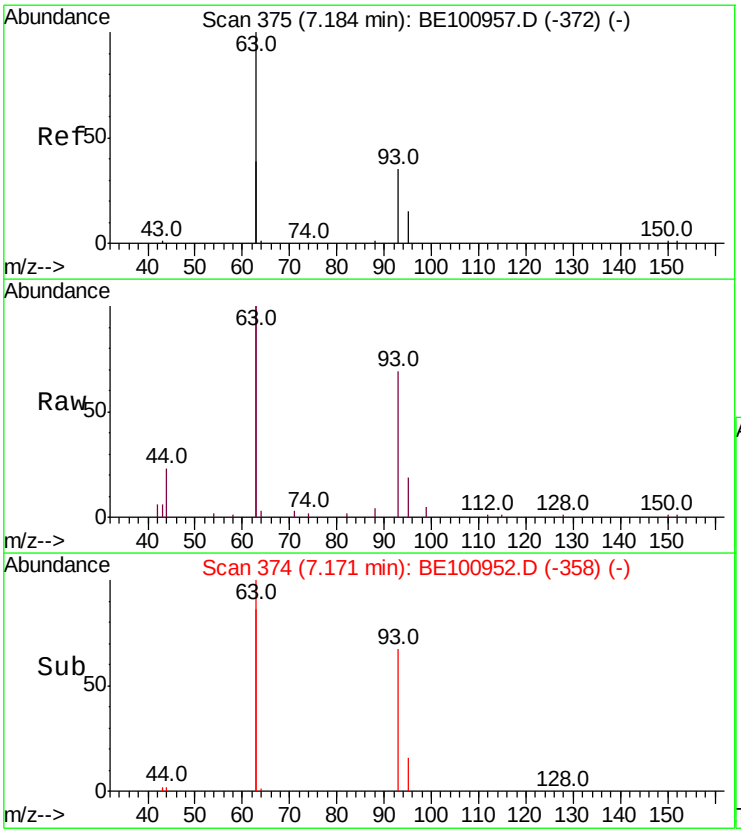
#5
Phenol-d6
Concen: 1.211 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.04 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 12227

Ion	Ratio	Lower	Upper
99	100		
42	22.9	10.2	15.2#
71	37.1	0.0	0.0#

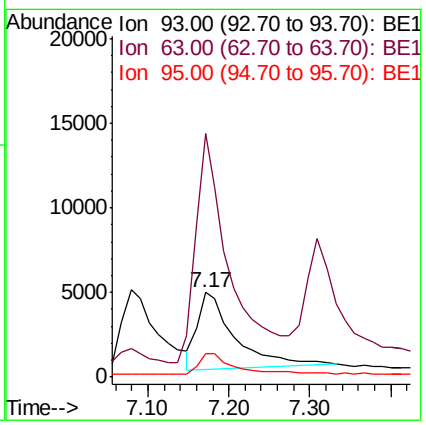


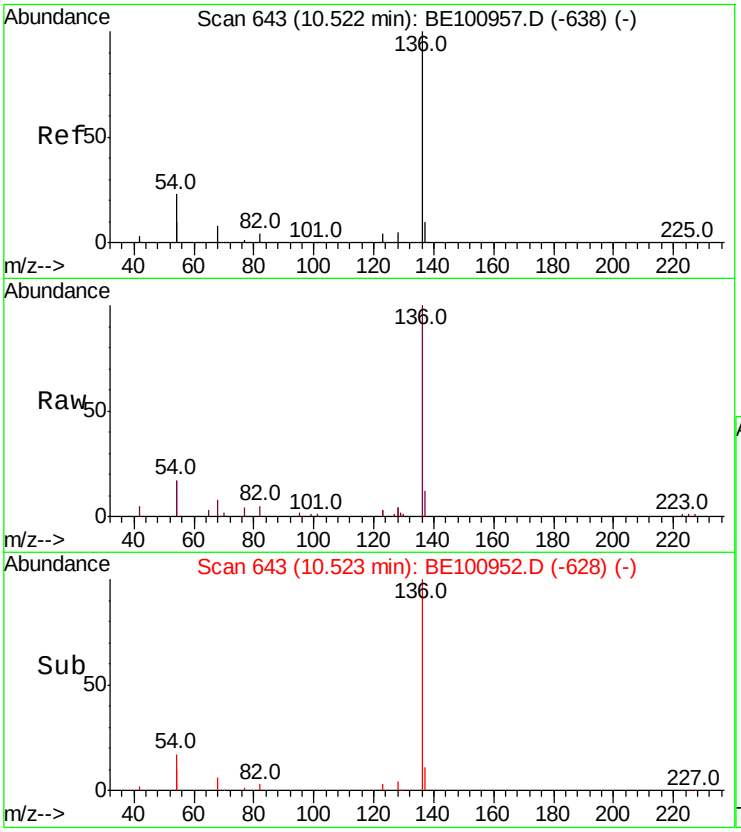


#6
bis(2-Chloroethyl)ether
Concen: 1.534 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion: 93 Resp: 14972

Ion	Ratio	Lower	Upper
93	100		
63	264.4	209.4	314.2
95	29.1	28.6	42.8



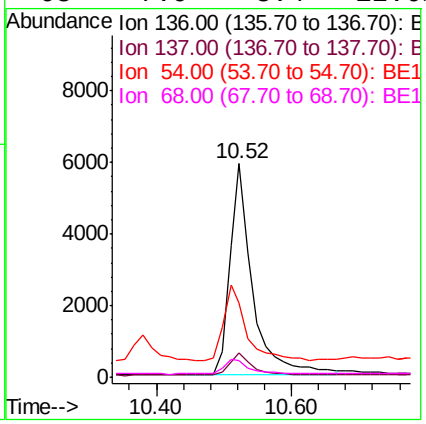


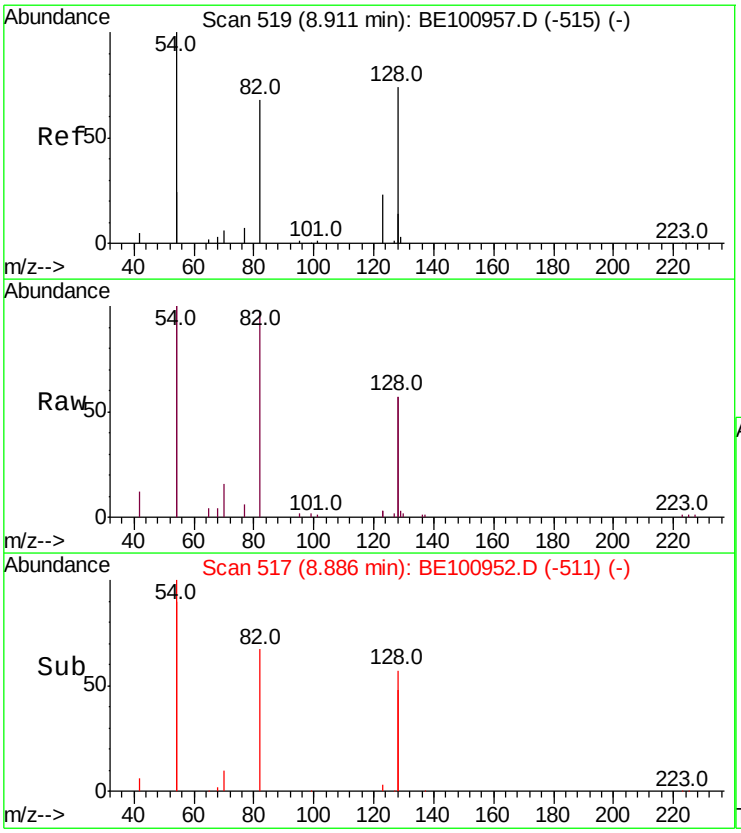
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14019

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	34.5	36.2	54.4#
68	7.9	8.4	12.6#

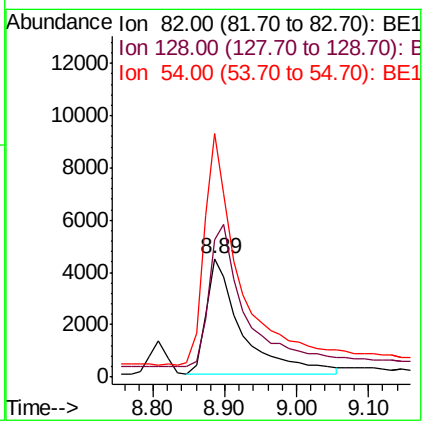


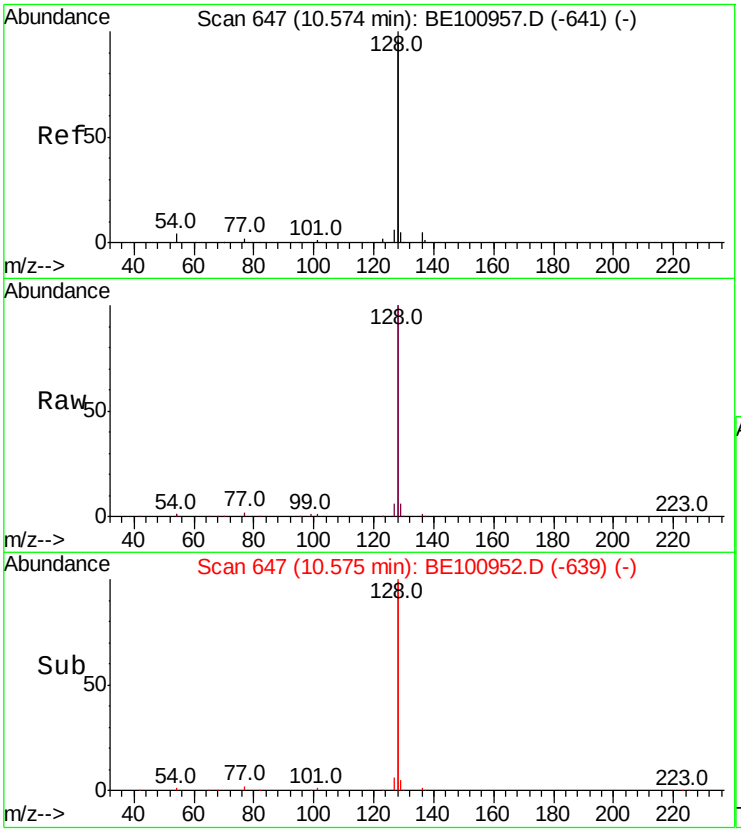


#8
Nitrobenzene-d5
Concen: 2.287 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion: 82 Resp: 15268

Ion	Ratio	Lower	Upper
82	100		
128	116.1	135.0	202.6#
54	205.5	182.6	274.0



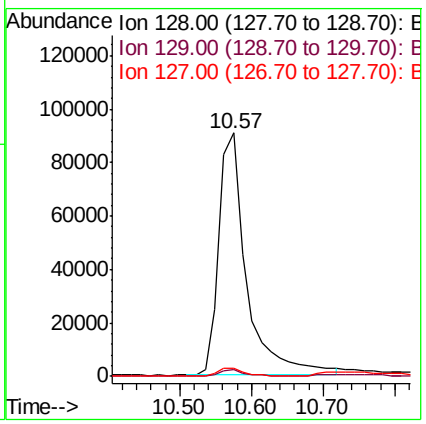


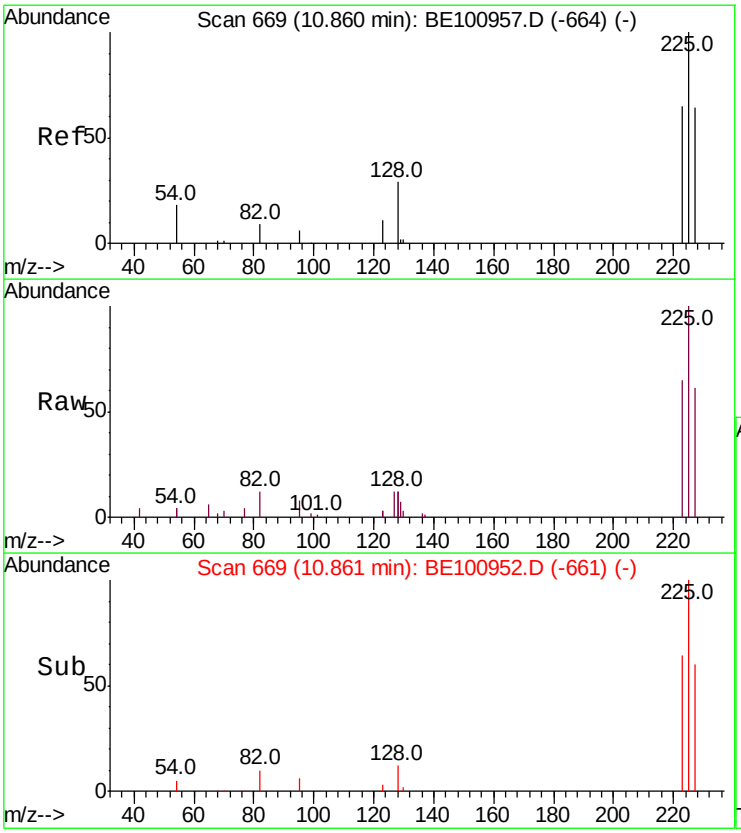
#9
Naphthalene
Concen: 1.638 ng
RT: 10.57 min Scan# 647
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 244057

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.2	2.7	4.1

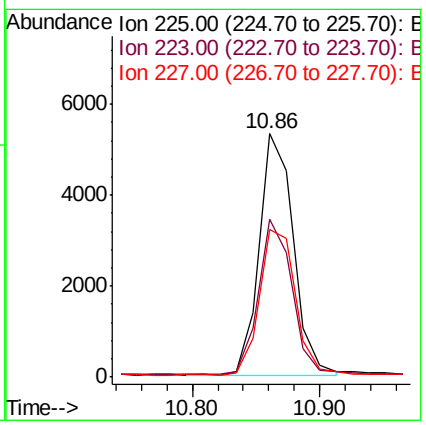


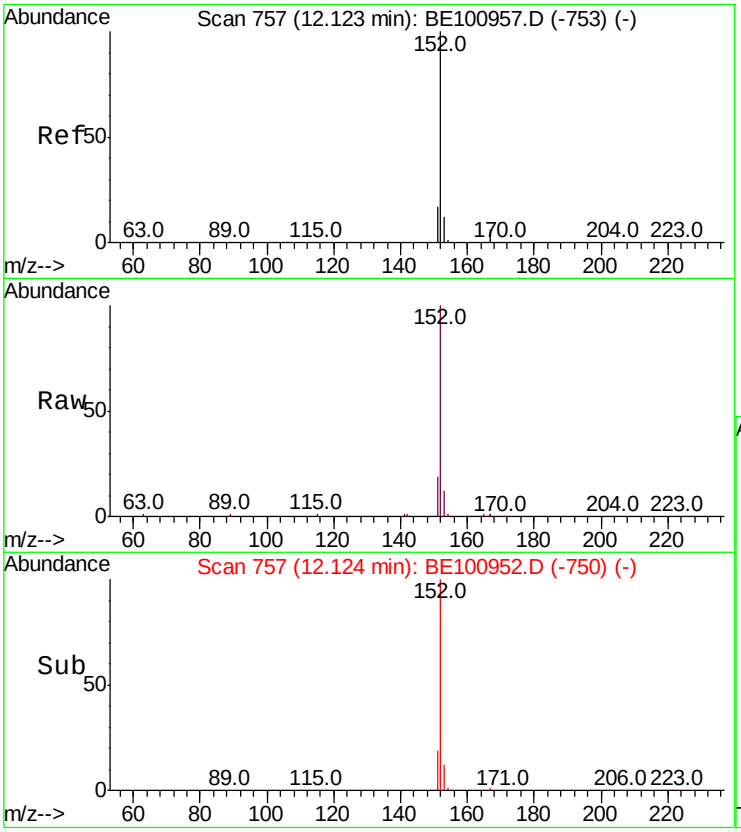


#10
Hexachlorobutadiene
Concen: 1.688 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:225 Resp: 9803

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.5	50.3	75.5



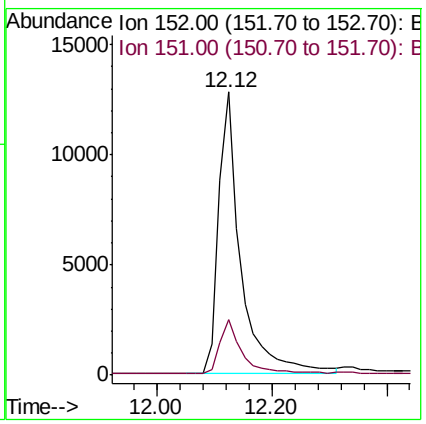


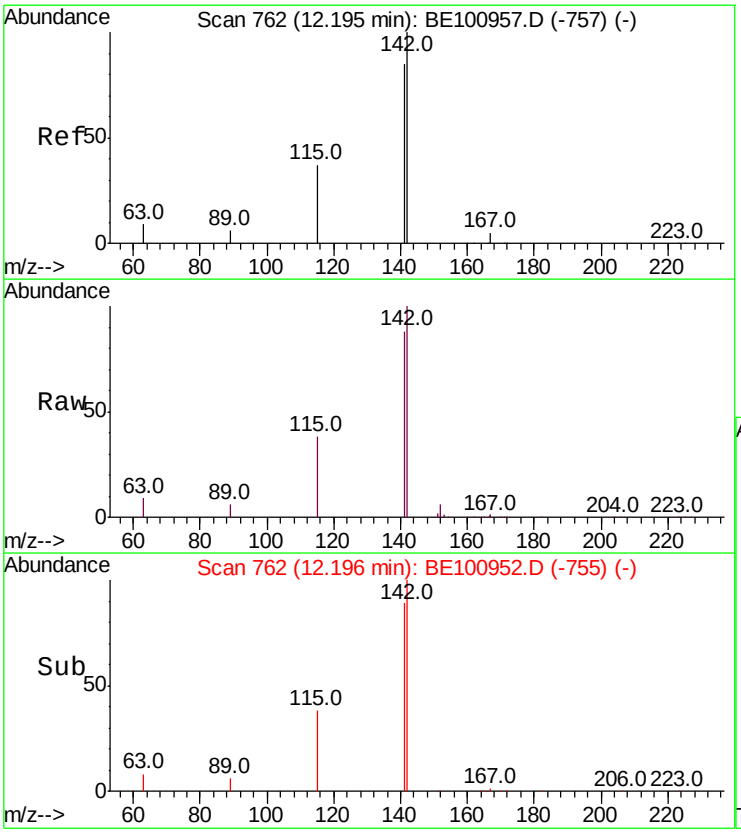
#11
2-Methylnaphthalene-d10
Concen: 1.690 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 34341

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.4

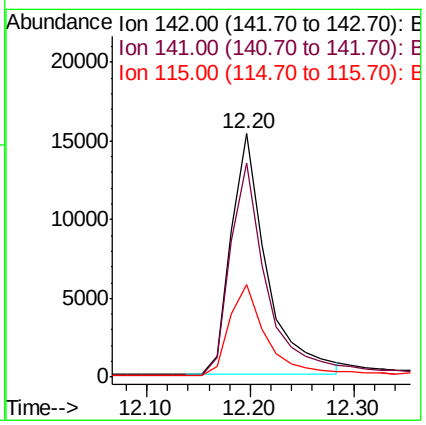


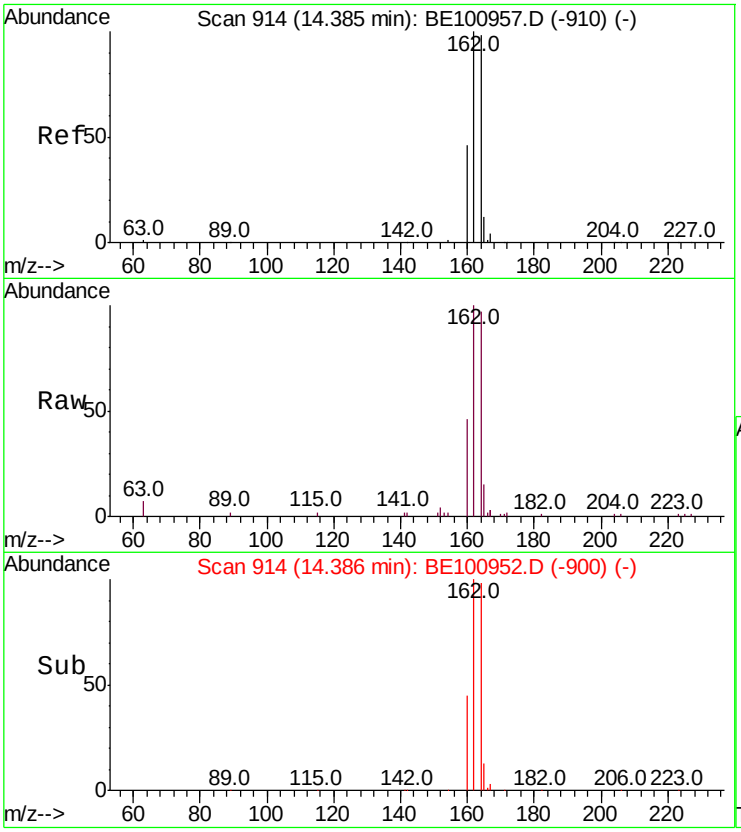


#12
2-Methylnaphthalene
Concen: 1.578 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:142 Resp: 36715

Ion	Ratio	Lower	Upper
142	100		
141	88.1	67.8	101.8
115	38.0	31.7	47.5



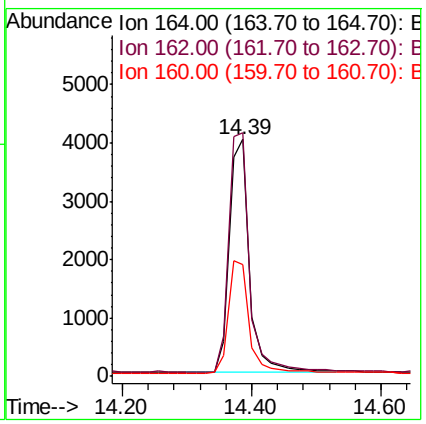


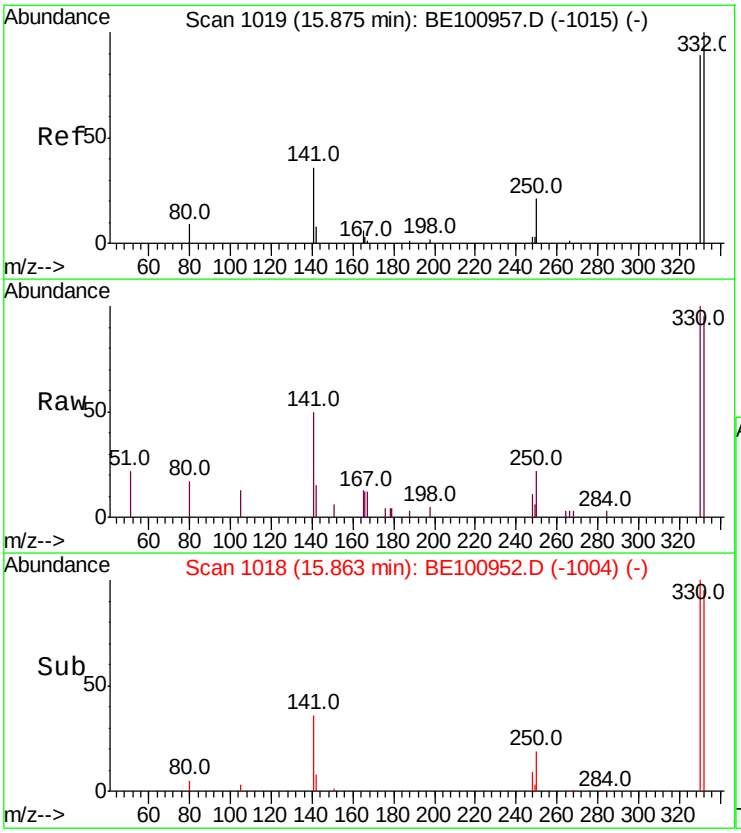
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8646

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	47.1	38.5	57.7

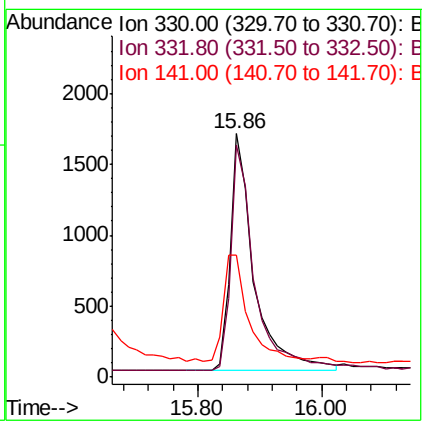


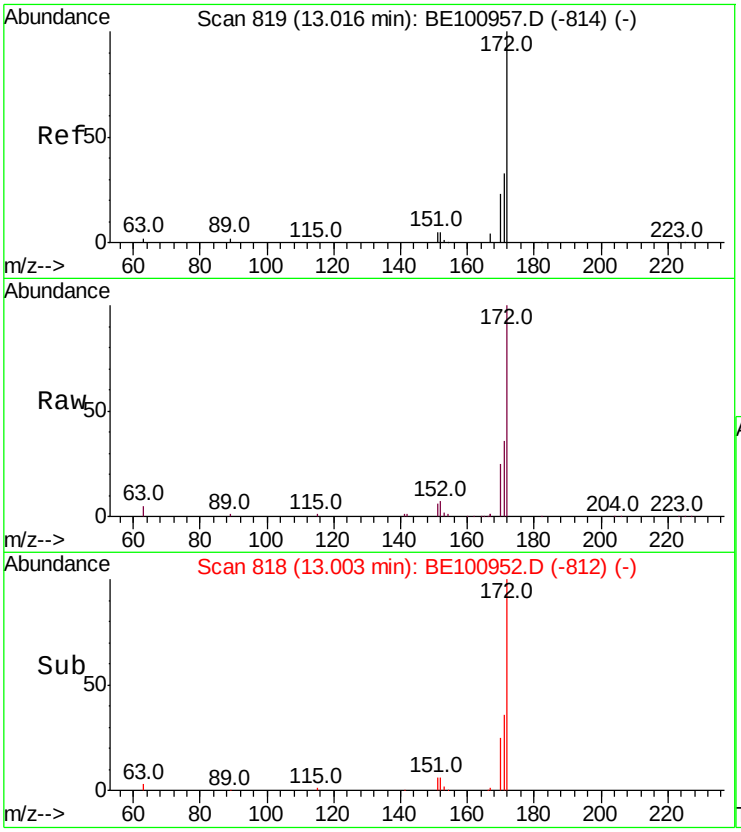


#14
2,4,6-Tribromophenol
Concen: 4.621 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:330 Resp: 4444

Ion	Ratio	Lower	Upper
330	100		
332	95.7	84.2	126.2
141	46.6	39.3	58.9



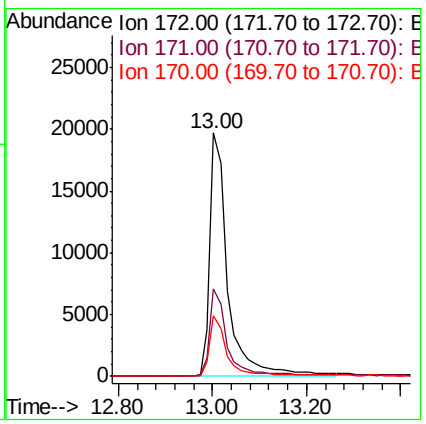


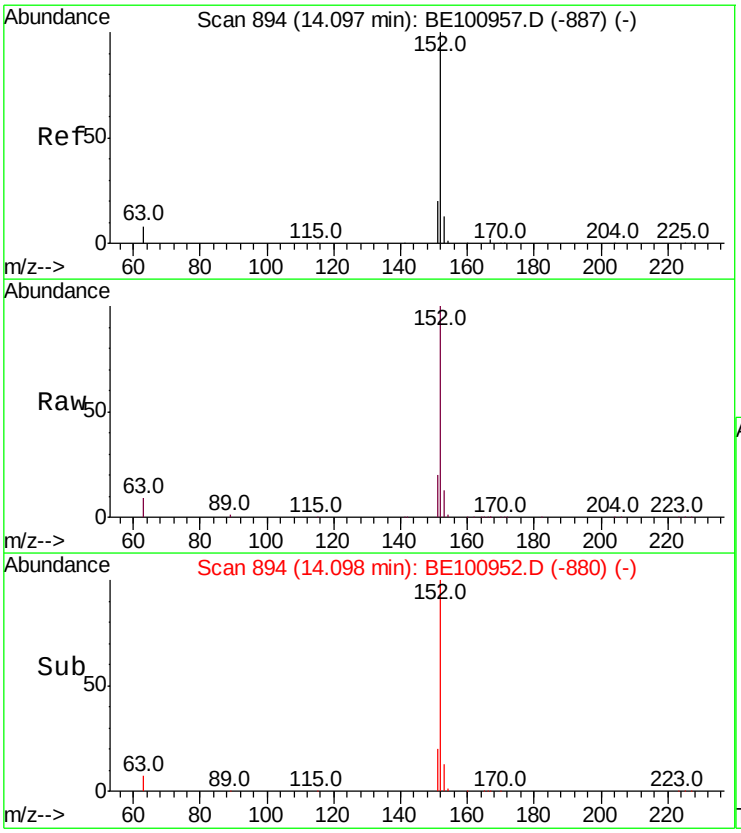
#15
2-Fluorobiphenyl
Concen: 1.501 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 51492

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.5	41.3
170	24.8	19.8	29.6

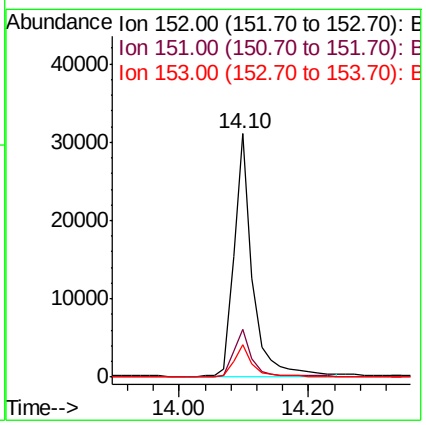


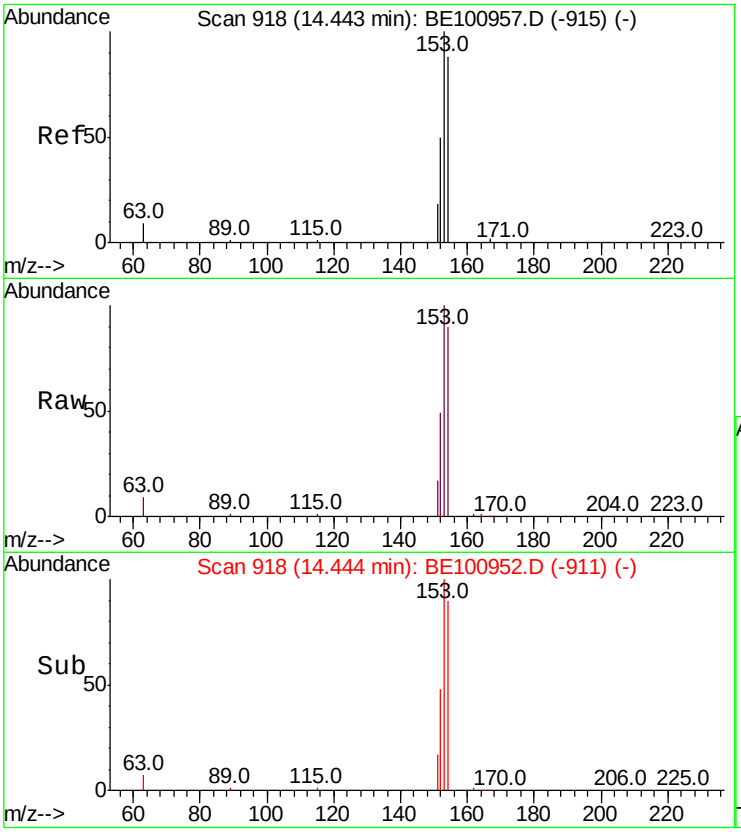


#16
Acenaphthylene
Concen: 1.705 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:152 Resp: 60983

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.0	22.4
153	13.0	10.6	16.0



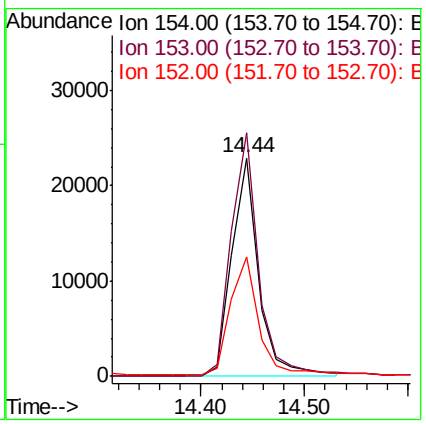


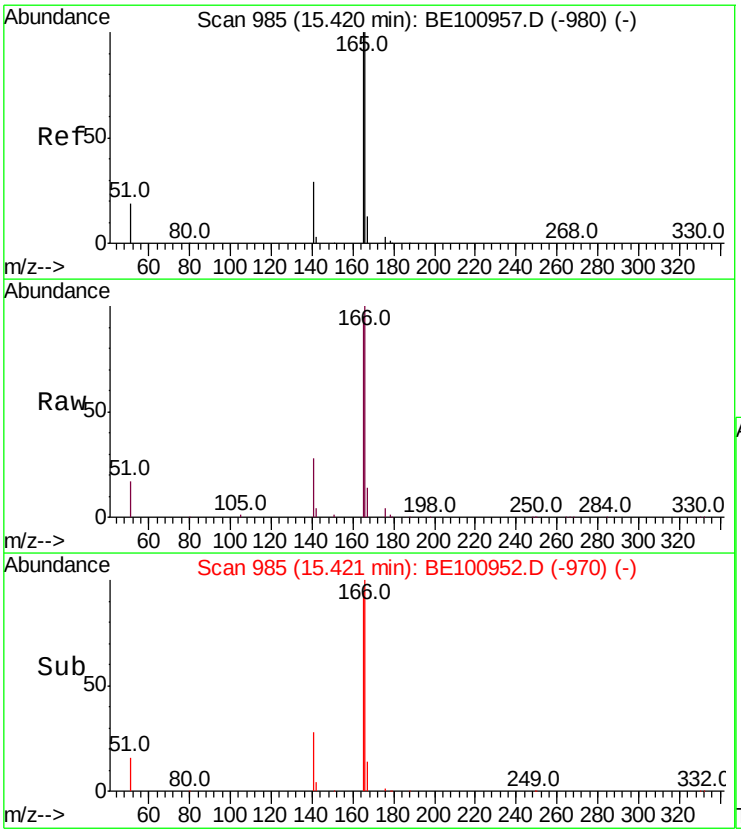
#17
Acenaphthene
Concen: 1.647 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 40600

Ion	Ratio	Lower	Upper
154	100		
153	114.0	92.3	138.5
152	56.7	46.4	69.6

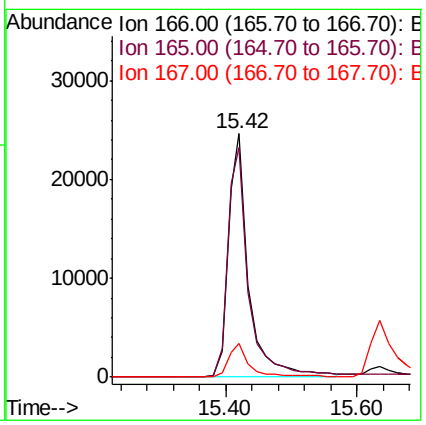


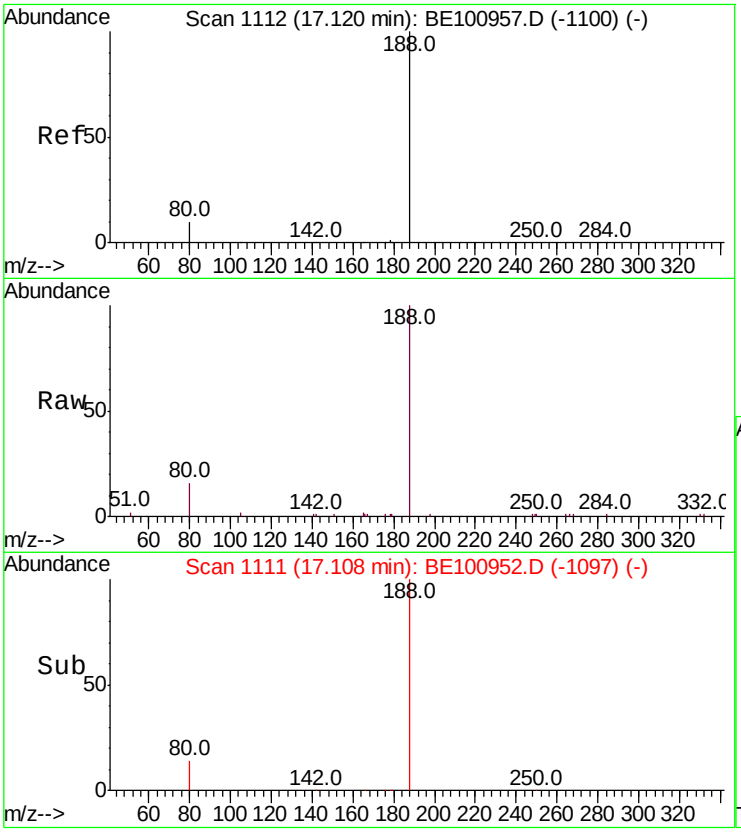


#18
Fluorene
Concen: 1.665 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:166 Resp: 52921

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.5	10.6	16.0



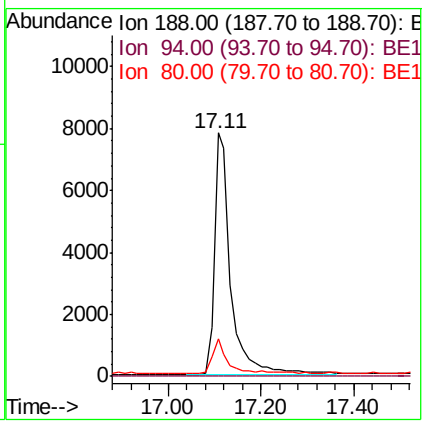


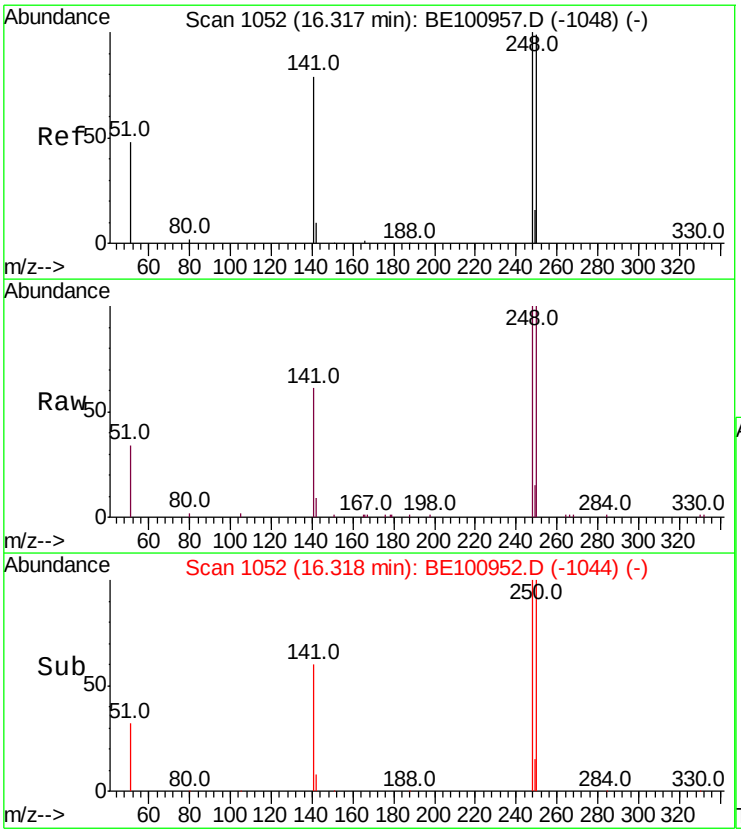
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19540

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	9.5	14.3#

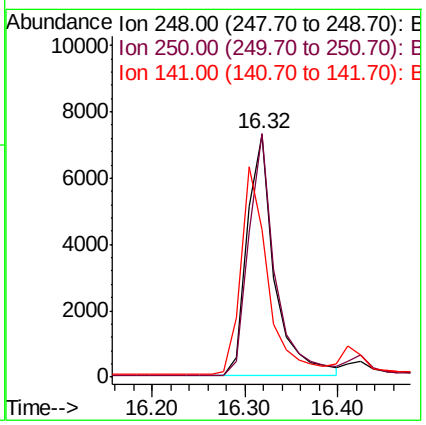


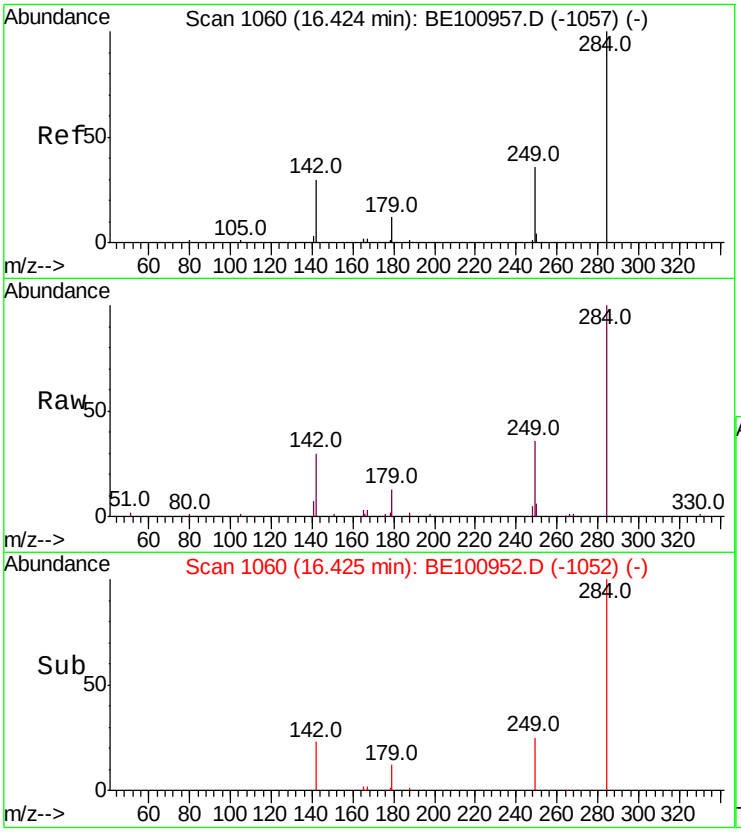


#20
4-Bromophenyl-phenylether
Concen: 1.565 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:248 Resp: 15006

Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.5	119.3
141	60.9	66.6	100.0#



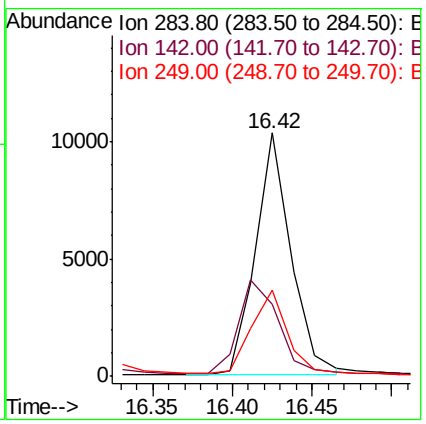


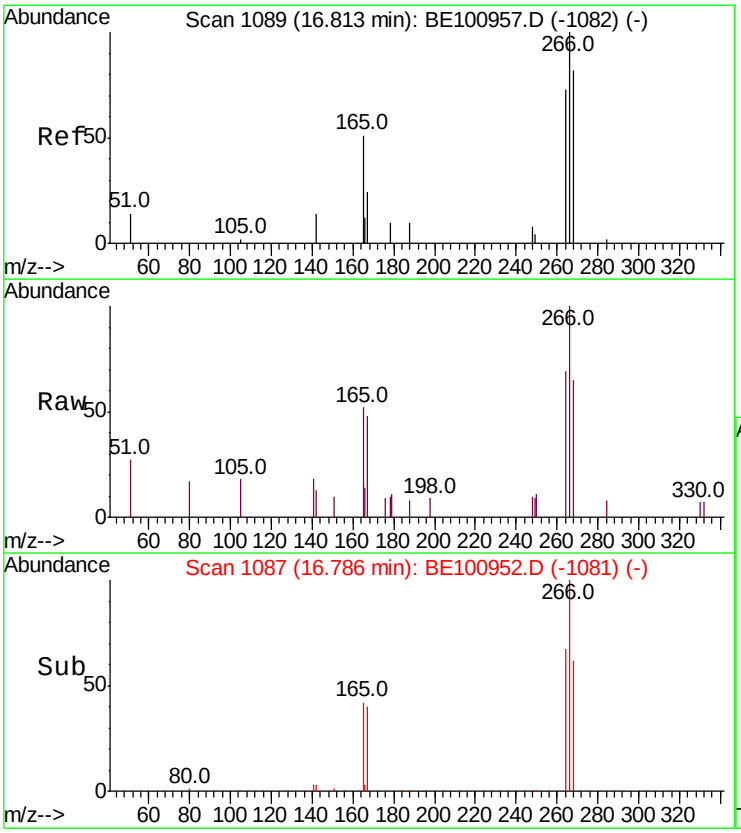
#21
Hexachlorobenzene
Concen: 1.540 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 16037

Ion	Ratio	Lower	Upper
284	100		
142	42.9	33.8	50.6
249	34.9	26.7	40.1

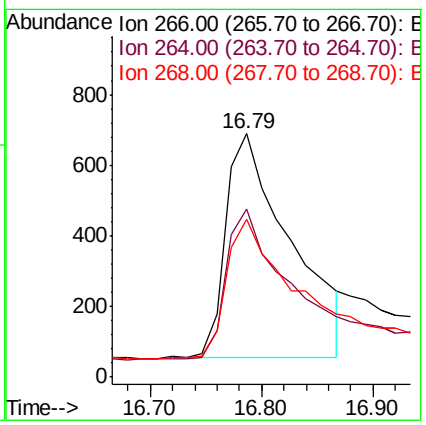


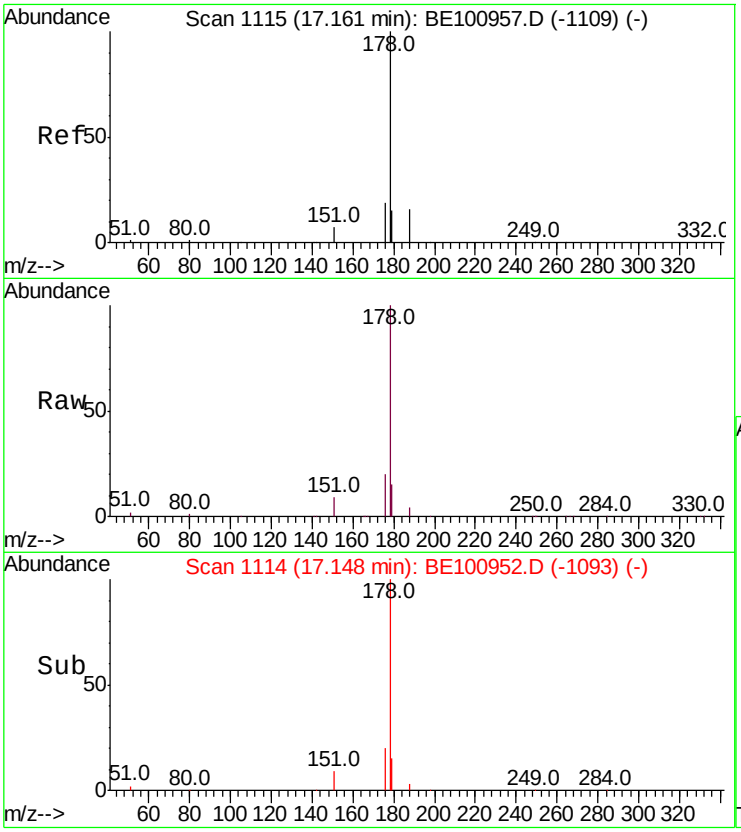


#22
Pentachlorophenol
Concen: 3.526 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:266 Resp: 2540

Ion	Ratio	Lower	Upper
266	100		
264	68.9	64.5	96.7
268	64.9	74.6	111.8#



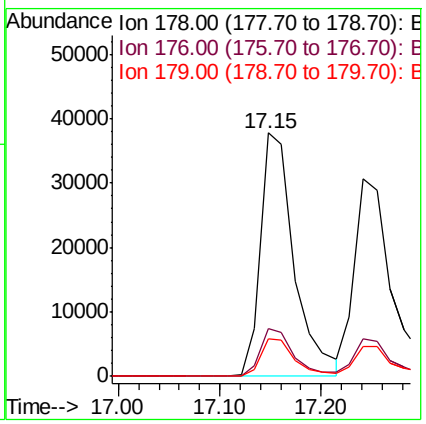


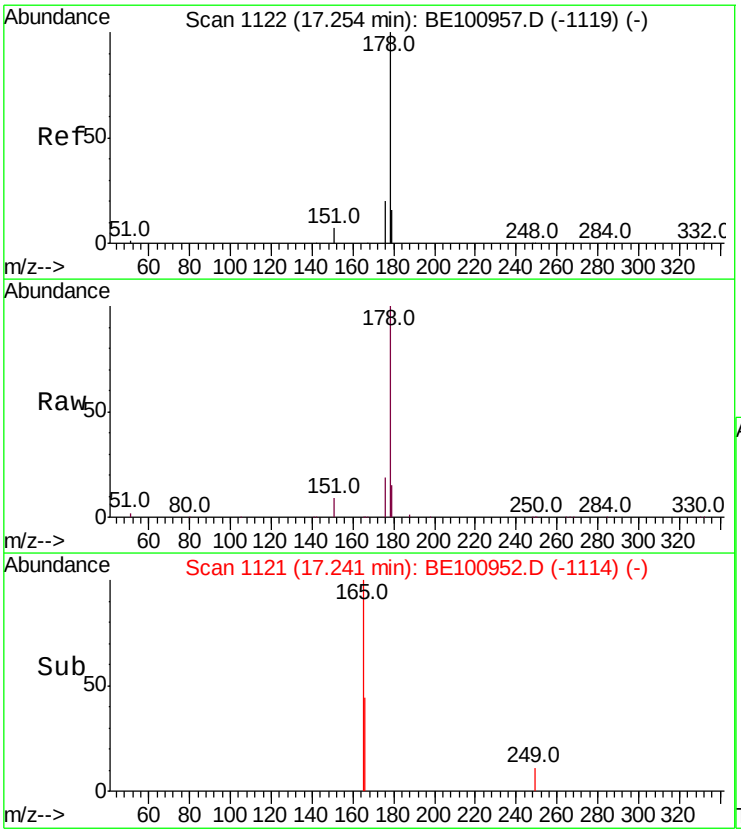
#23
Phenanthrene
Concen: 1.472 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 87107

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.5	18.7

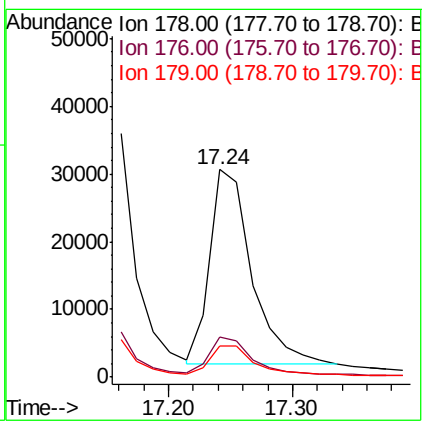


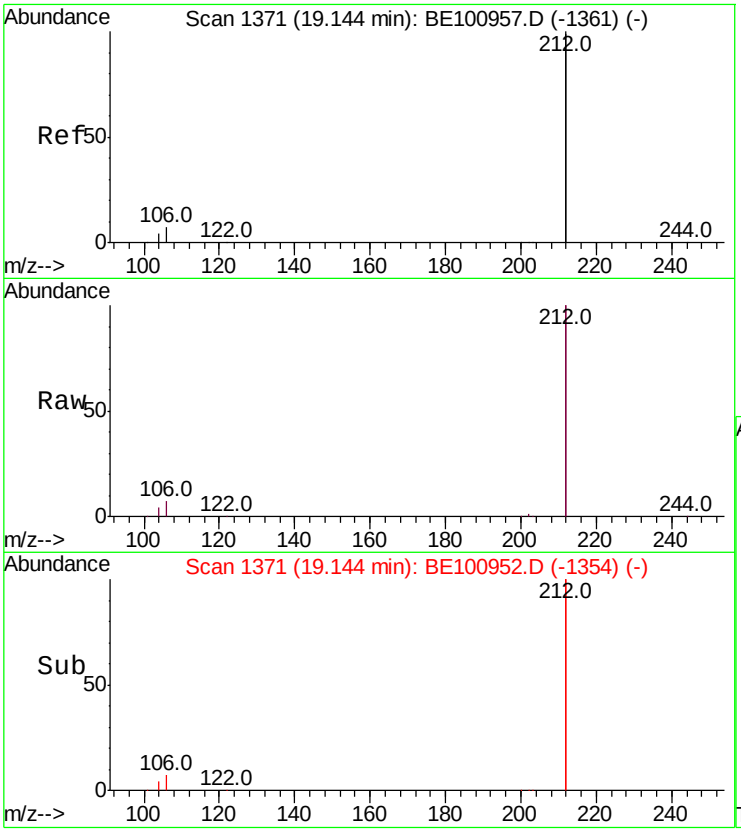


#24
Anthracene
Concen: 1.355 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:178 Resp: 67068

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.2	12.0	18.0



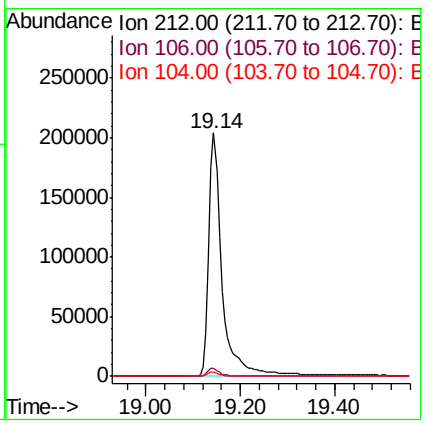


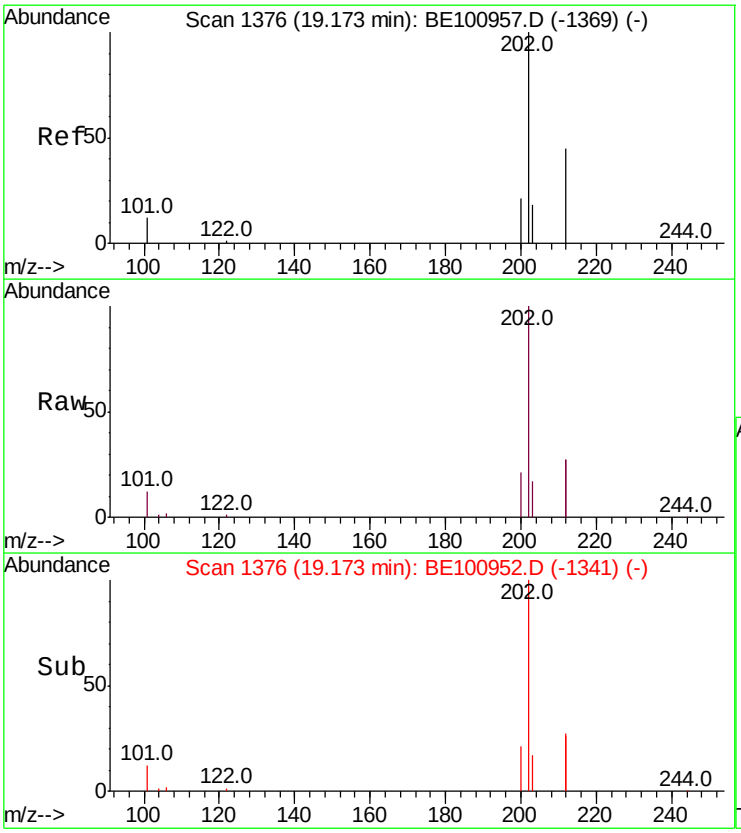
#25
Fluoranthene-d10
Concen: 1.719 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 397096

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2

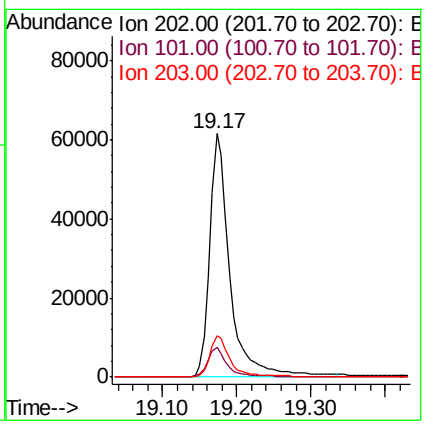


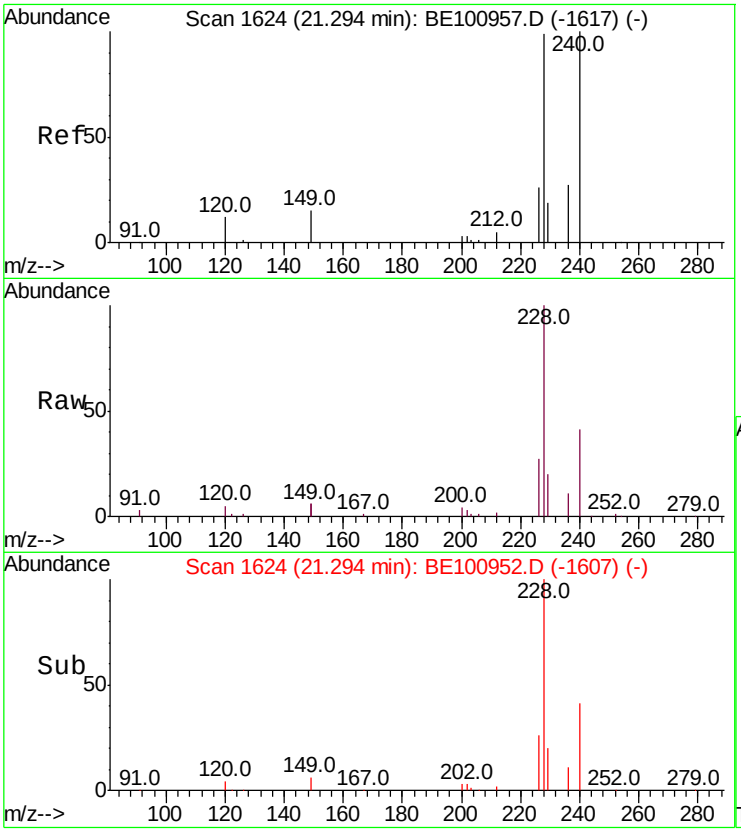


#26
Fluoranthene
Concen: 1.642 ng
RT: 19.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:202 Resp: 115972

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.0	13.6
203	16.7	13.4	20.0



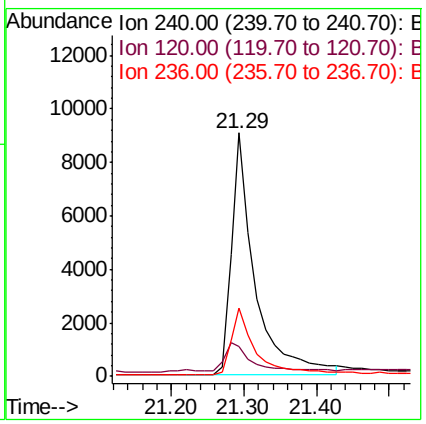


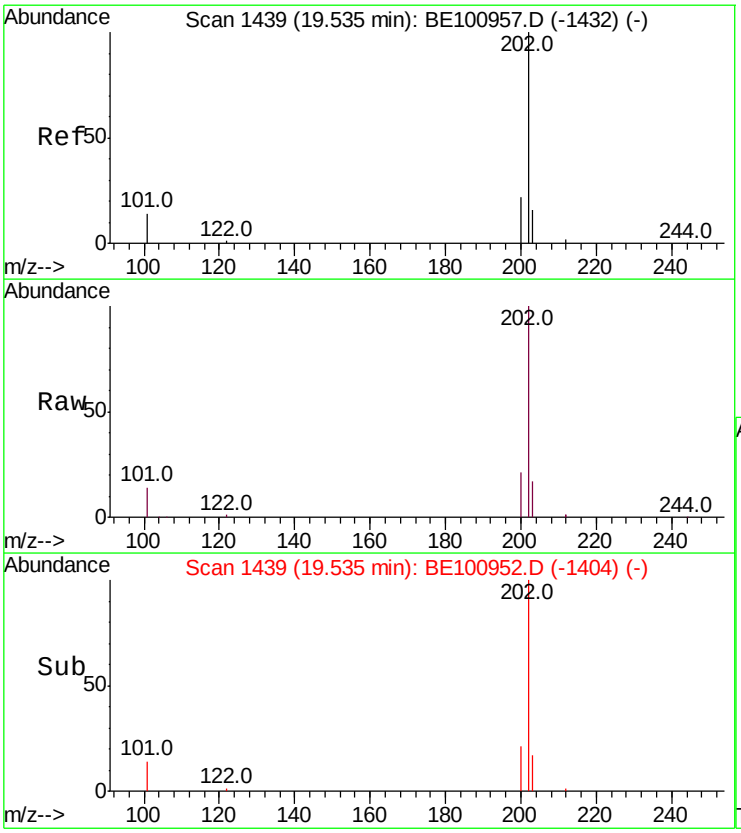
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20444

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.5	17.3
236	27.9	22.8	34.2

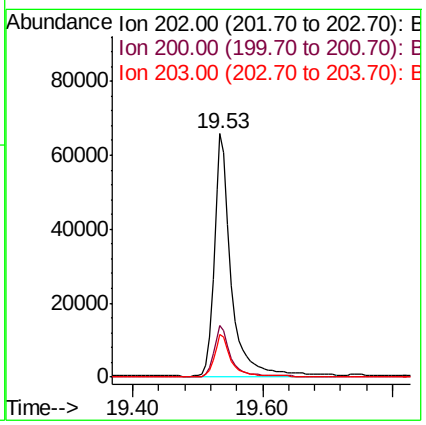


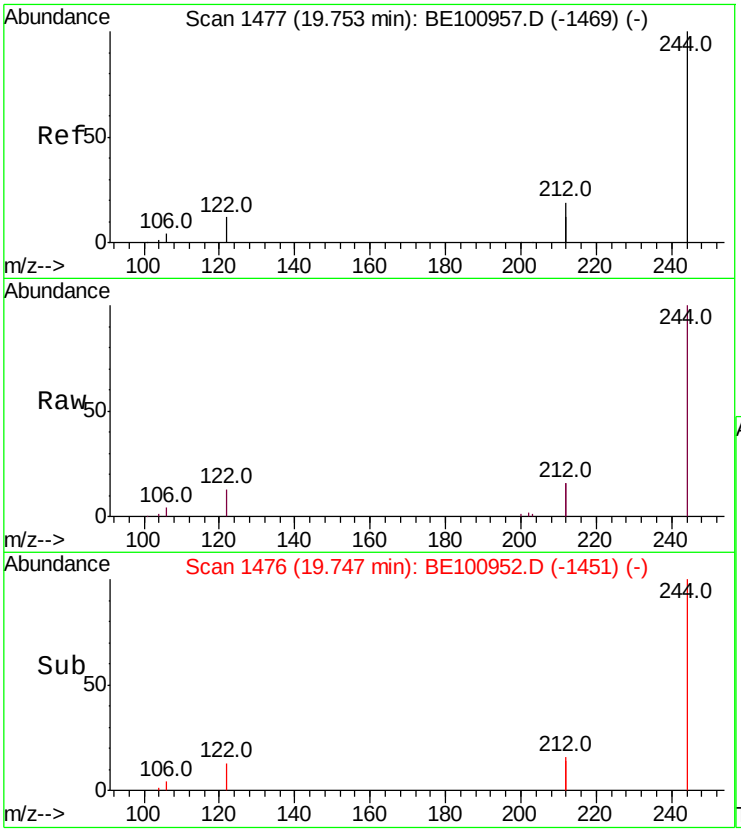


#28
Pyrene
Concen: 1.811 ng
RT: 19.53 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:202 Resp: 120299

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.4	24.6
203	17.5	13.8	20.8



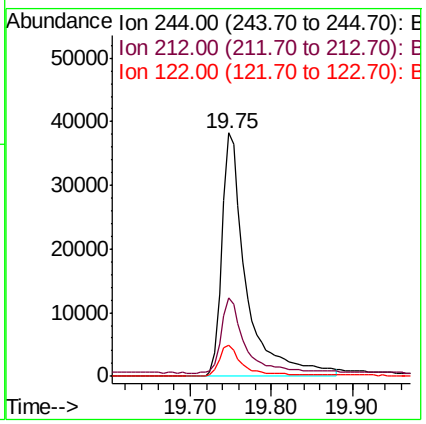


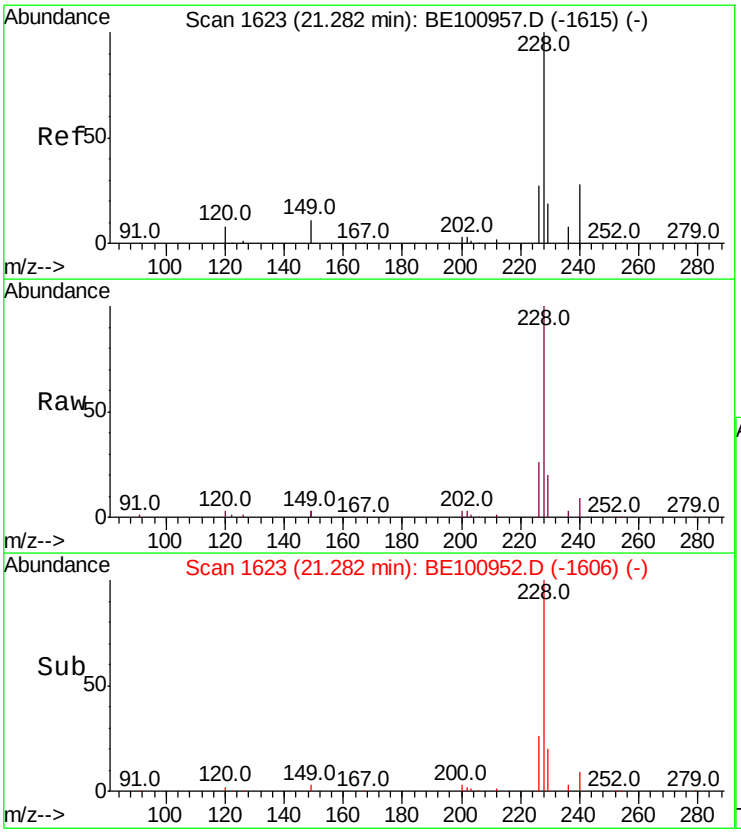
#29
Terphenyl-d14
Concen: 1.618 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 79228

Ion	Ratio	Lower	Upper
244	100		
212	32.4	30.2	45.2
122	12.9	10.7	16.1

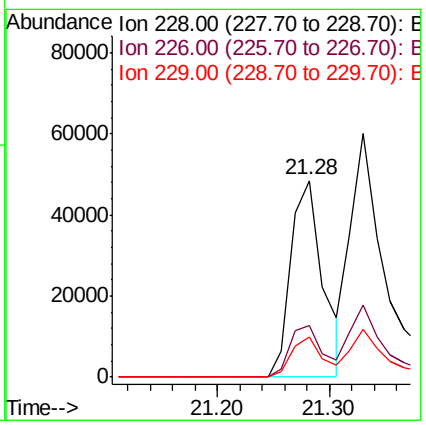


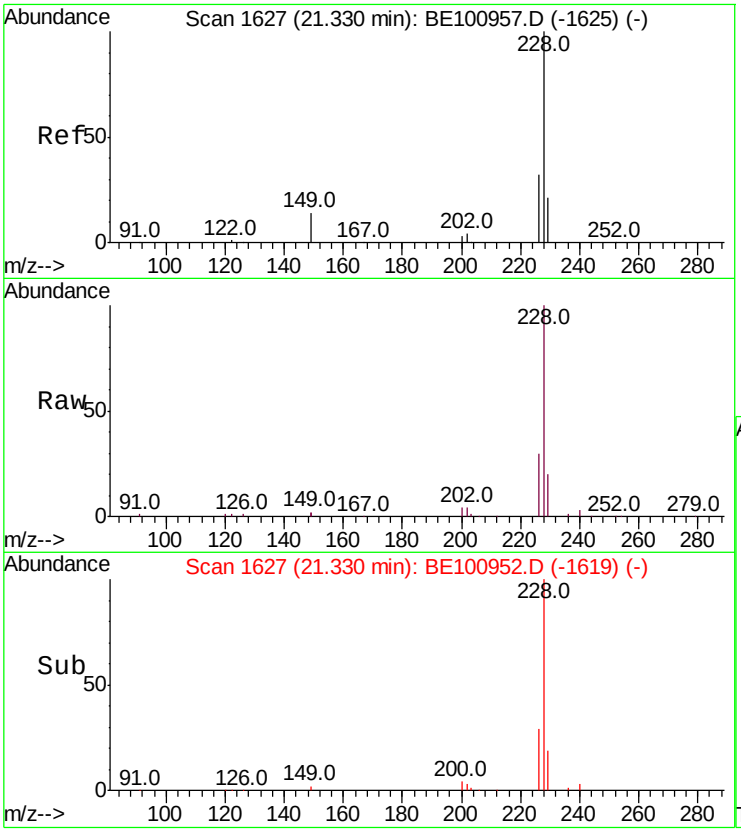


#30
Benzo(a)anthracene
Concen: 1.596 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:228 Resp: 96187

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.9	32.9
229	20.1	15.9	23.9



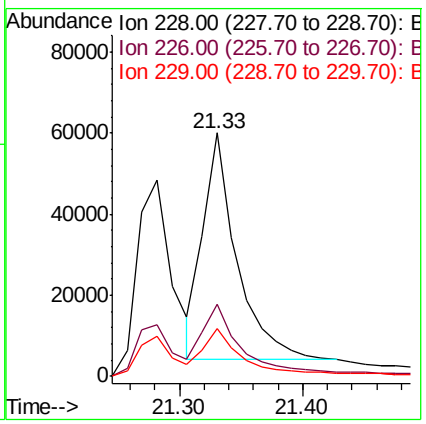


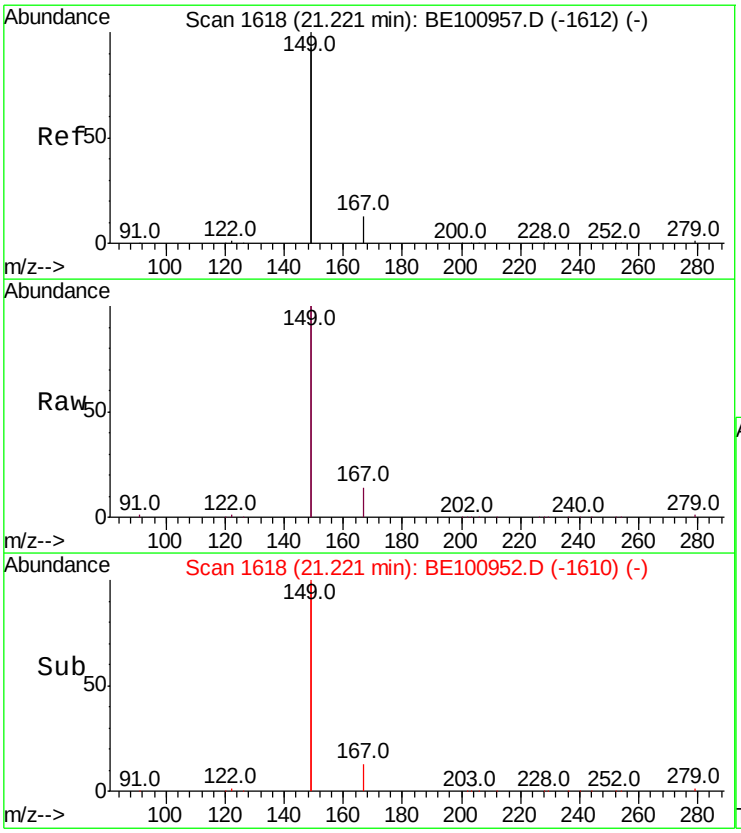
#31
Chrysene
Concen: 1.512 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 107046

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	19.6	16.6	24.8

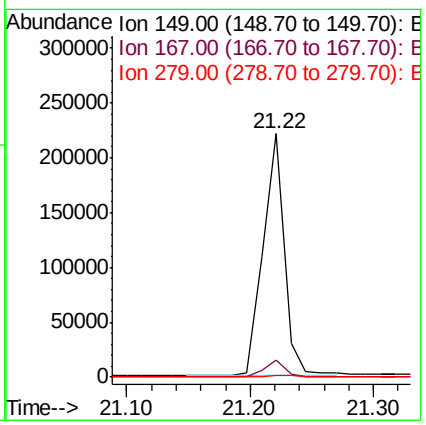


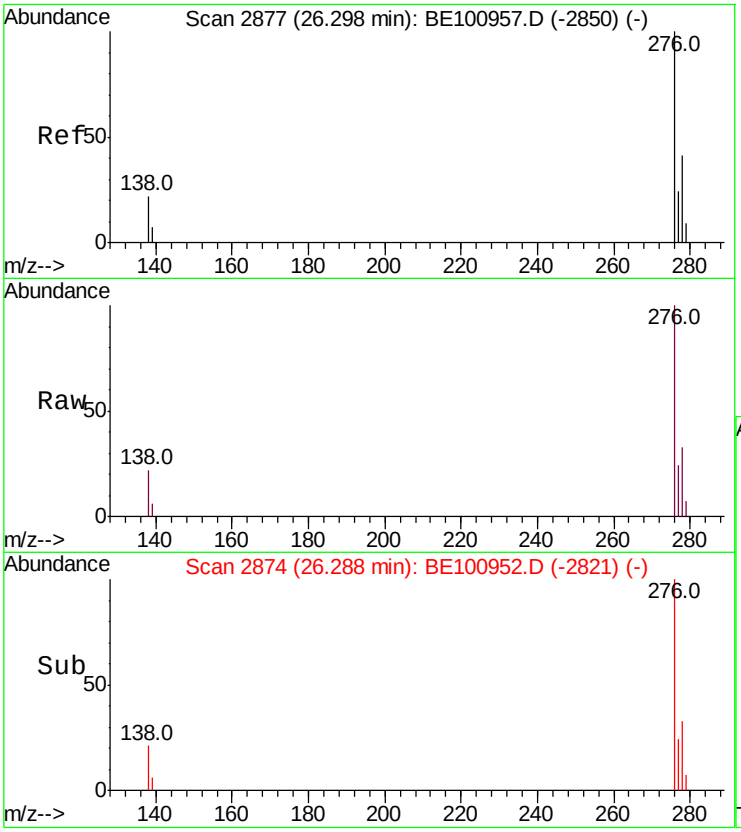


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.904 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:149 Resp: 267807

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.0	7.6
279	0.9	0.7	1.1



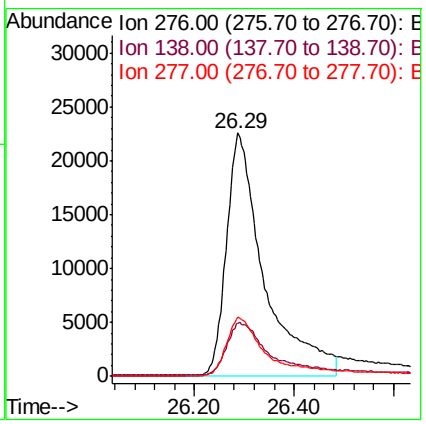


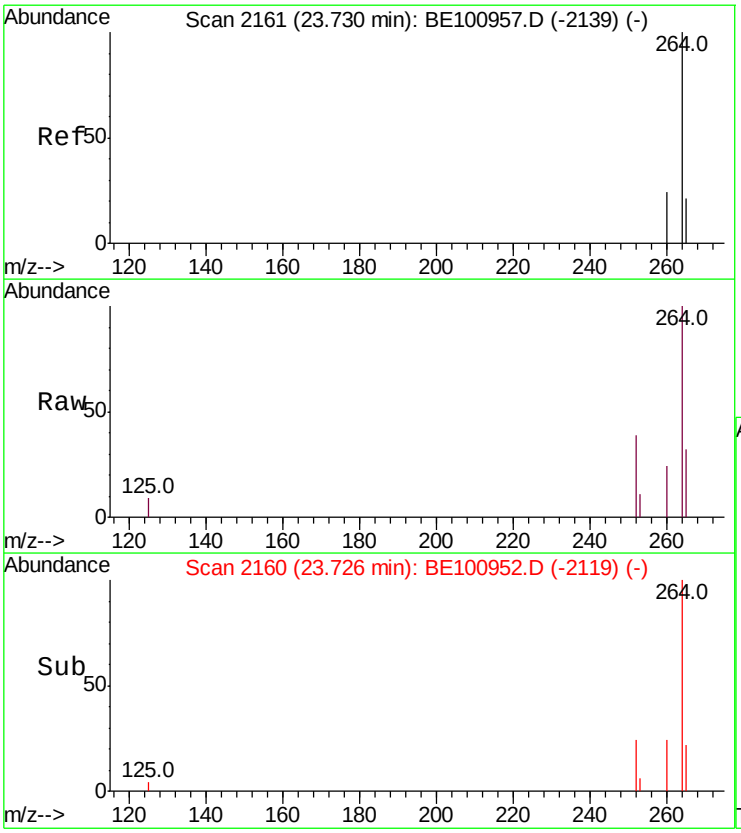
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.923 ng
RT: 26.29 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 118624

Ion	Ratio	Lower	Upper
276	100		
138	23.4	9.0	13.4#
277	24.8	5.9	8.9#

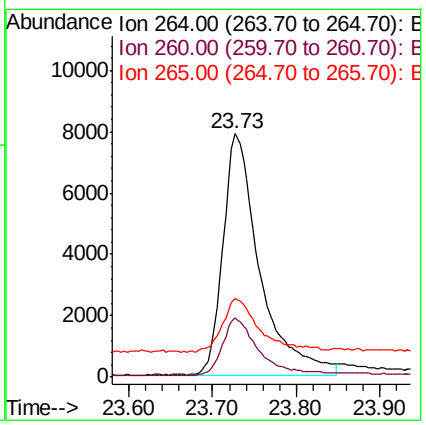


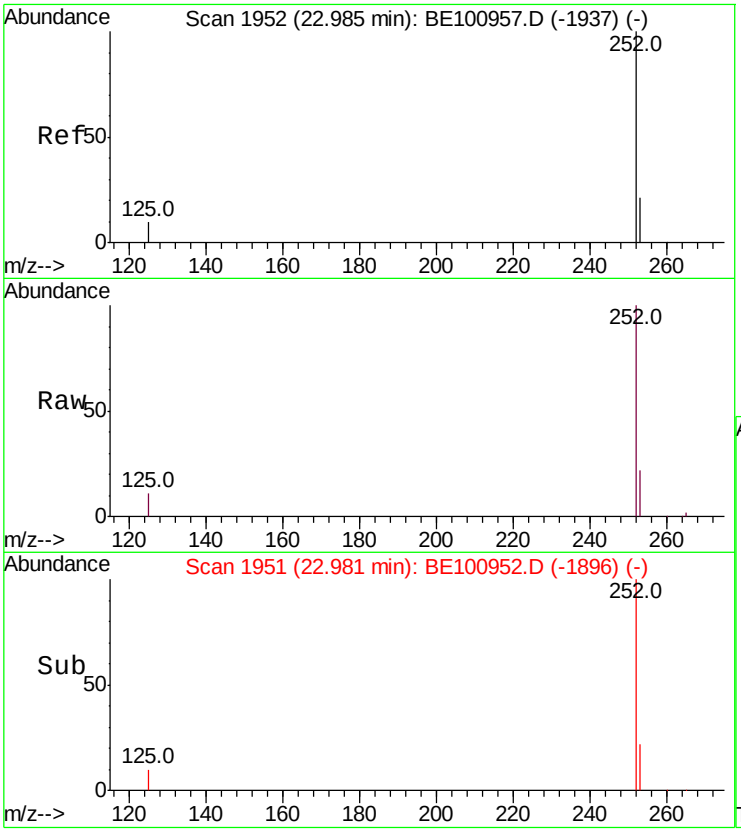


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:264 Resp: 24007

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	32.5	26.4	39.6



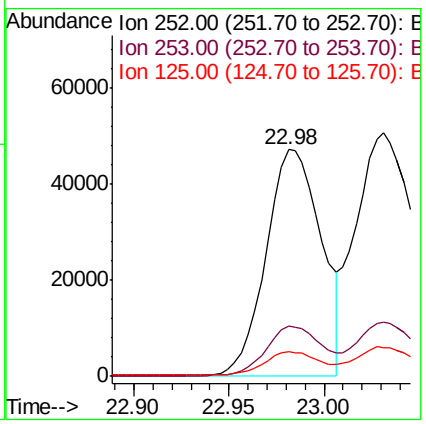


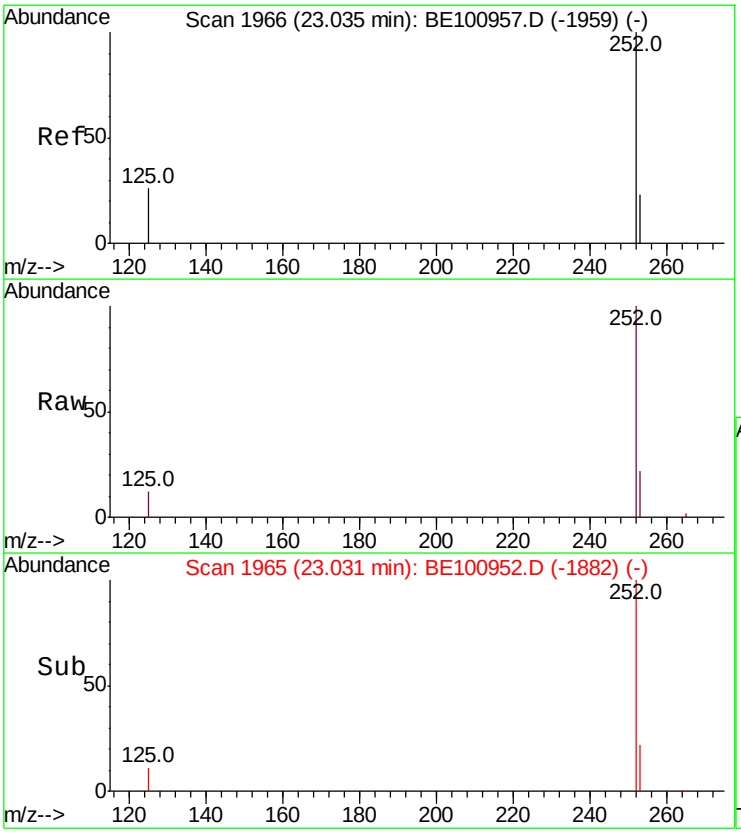
#35
Benzo(b)fluoranthene
Concen: 1.441 ng
RT: 22.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 94687

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	10.7	10.2	15.2

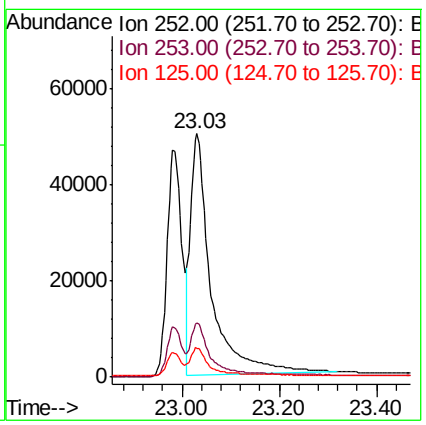


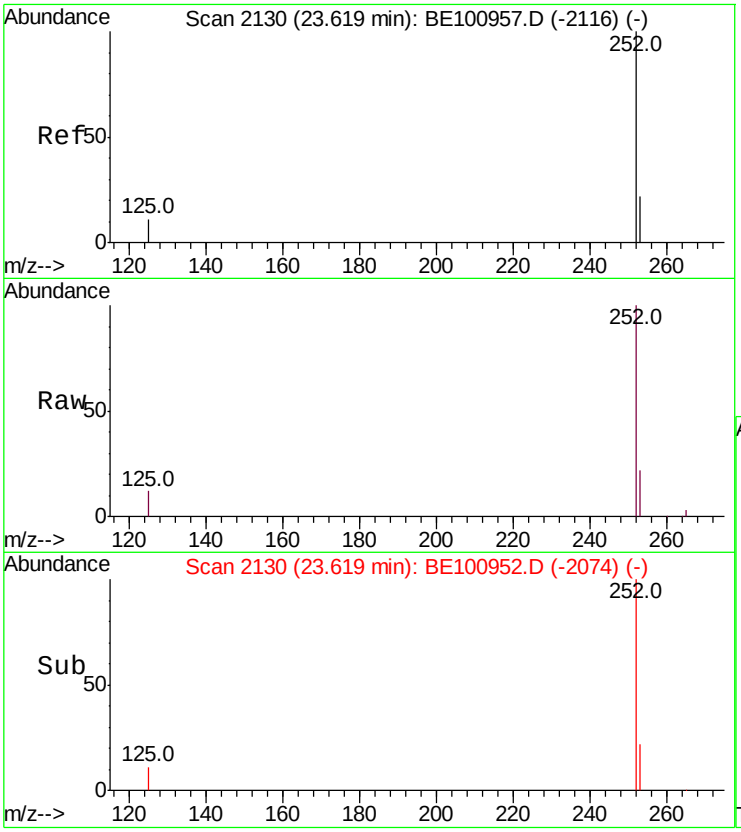


#36
Benzo(k)fluoranthene
Concen: 1.998 ng
RT: 23.03 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:252 Resp: 147240

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	12.0	17.9	26.9#



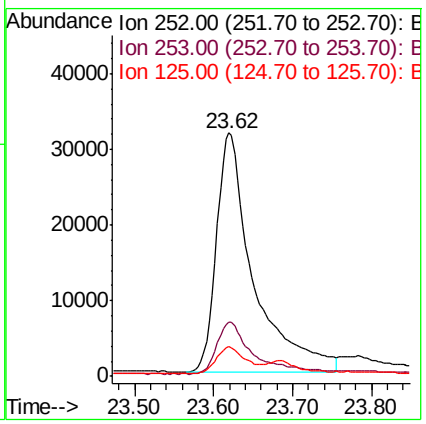


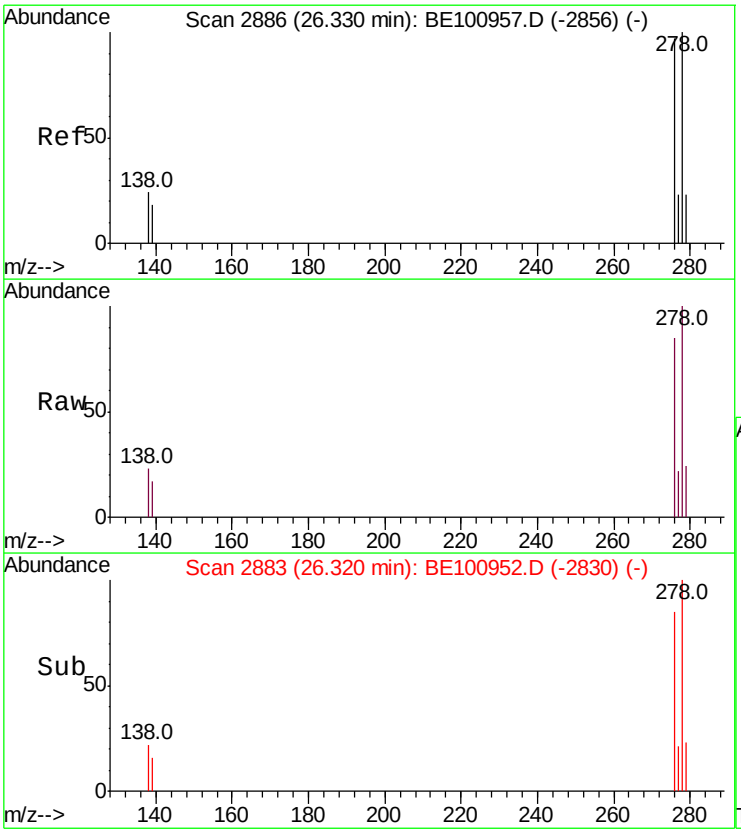
#37
Benzo(a)pyrene
Concen: 1.807 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 102815

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.9	29.9
125	12.2	12.3	18.5#

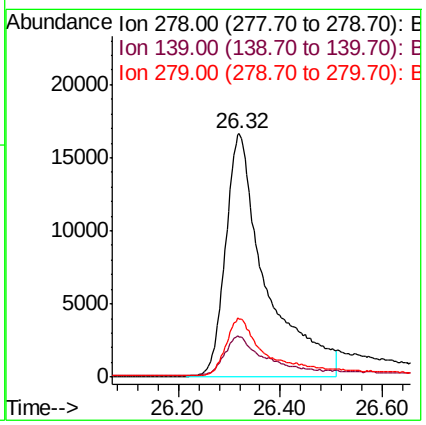


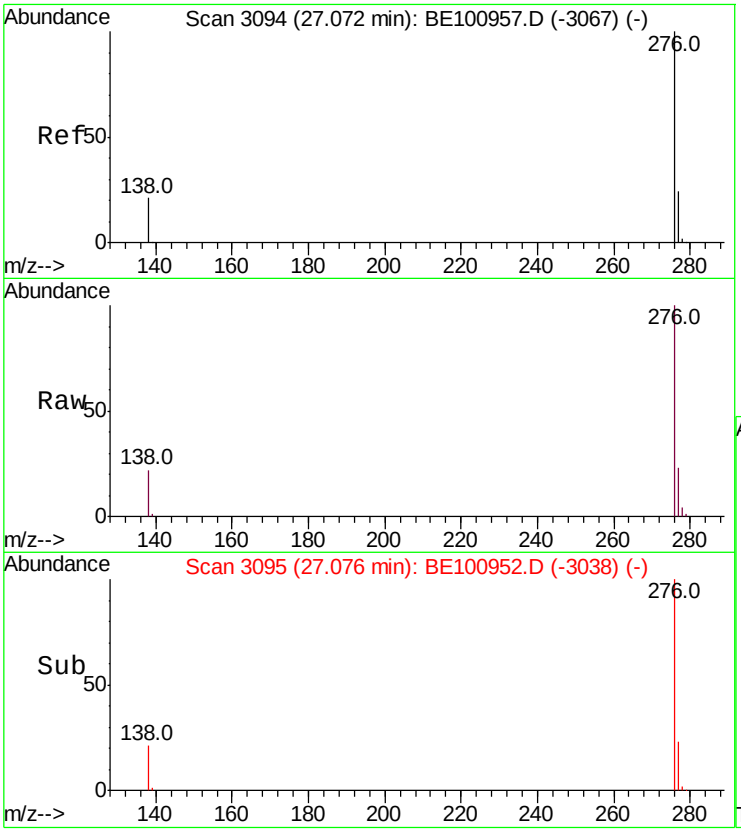


#38
Dibenzo(a,h)anthracene
Concen: 1.603 ng
RT: 26.32 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:278 Resp: 90760

Ion	Ratio	Lower	Upper
278	100		
139	16.6	17.0	25.6#
279	23.9	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 1.752 ng
RT: 27.08 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 106037

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.9	29.9
138	22.0	18.4	27.6