Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100953.D
Acq On : 19 Dec 2019 19:37
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 00:34:02 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	2703	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	13647	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	8563	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	18991	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	21265	0.40	ng		0.00
34) Perylene-d12	23.73	264	24752	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	17599	2.74	ng		0.00
5) Phenol-d6	6.93	99	27652	2.86	ng		-0.04
8) Nitrobenzene-d5	8.89	82	32069	4.93	ng		-0.03
11) 2-Methylnaphthalene-d10	12.12	152	66578	3.37	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	9825	10.32	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	99543	2.93	ng		-0.02
25) Fluoranthene-d10	19.14	212	810228	3.61	ng		0.00
29) Terphenyl-d14	19.75	244	163507	3.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	17469	3.545	ng	#	72
3) n-Nitrosodimethylamine	3.62	42	11997	2.991	ng	#	73
6) bis(2-Chloroethyl)ether	7.17	93	31751	3.393	ng		98
9) Naphthalene	10.56	128	472695	3.260	ng		99
10) Hexachlorobutadiene	10.86	225	18254	3.228	ng		98
12) 2-Methylnaphthalene	12.19	142	73717	3.256	ng		97
16) Acenaphthylene	14.10	152	126251	3.564	ng		98
17) Acenaphthene	14.44	154	80285	3.288	ng		98
18) Fluorene	15.41	166	105634	3.355	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	30532	3.277	ng	#	84
21) Hexachlorobenzene	16.43	284	31550	3.117	ng		98
22) Pentachlorophenol	16.77	266	6826	9.749	ng	#	75
23) Phenanthrene	17.15	178	178312	3.100	ng		100
24) Anthracene	17.24	178	148271	3.082	ng		99
26) Fluoranthene	19.17	202	237269	3.456	ng		99
28) Pyrene	19.53	202	242175	3.505	ng		99
30) Benzo(a)anthracene	21.28	228	210888	3.365	ng		99
31) Chrysene	21.33	228	226721	3.078	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	572084	10.070	ng		99
33) Indeno(1,2,3-cd)pyrene	26.29	276	252326	3.933	ng	#	59
35) Benzo(b)fluoranthene	22.98	252	209865	3.097	ng		96
36) Benzo(k)fluoranthene	23.03	252	294202	3.871	ng	#	87
37) Benzo(a)pyrene	23.62	252	212817	3.627	ng	#	93
38) Dibenzo(a,h)anthracene	26.31	278	198677	3.404	ng	#	92
39) Benzo(g,h,i)perylene	27.07	276	222984	3.573	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 : BE100953.D
Acq On : 19 Dec 2019 19:37
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 00:34:02 2019
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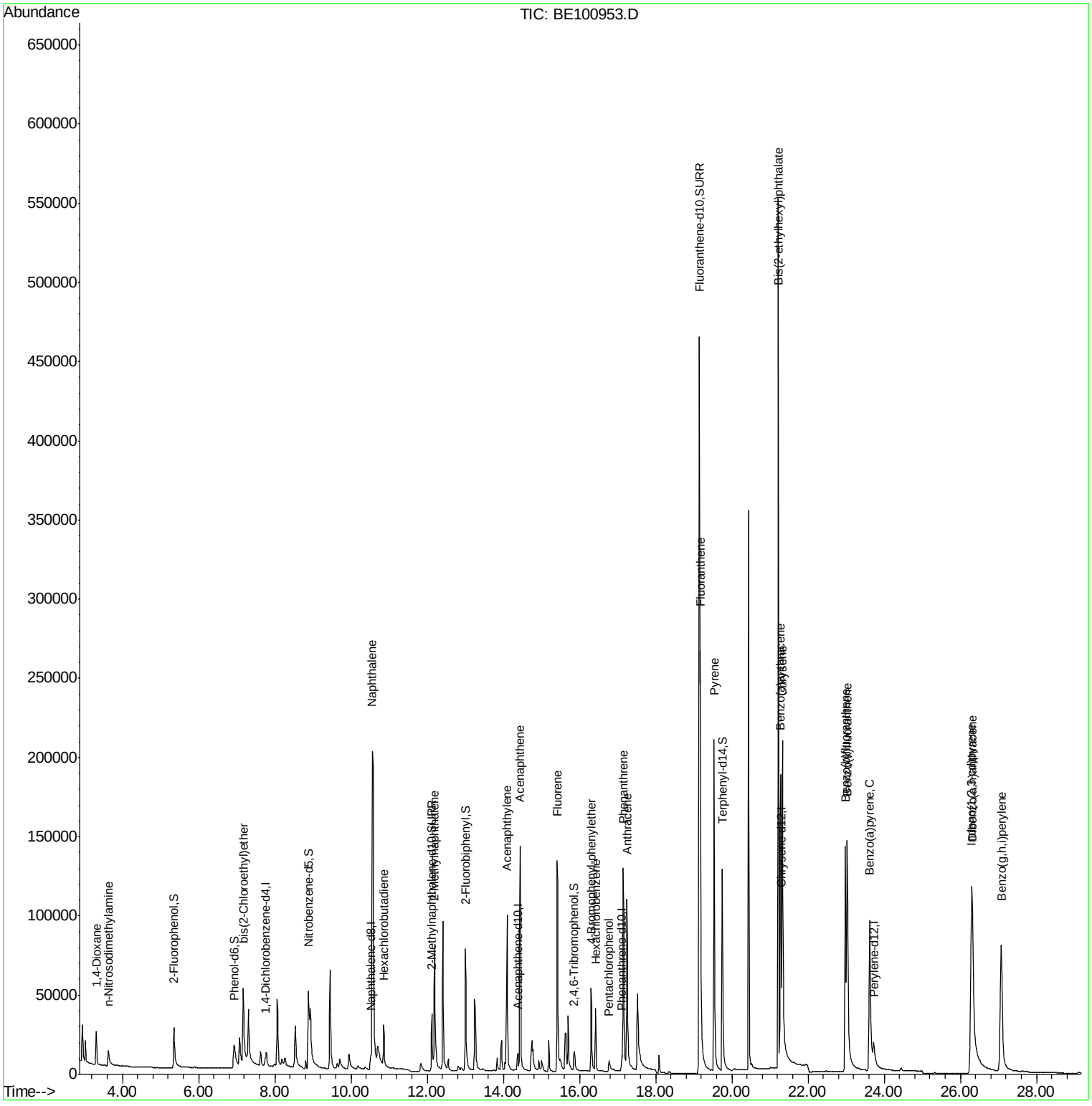
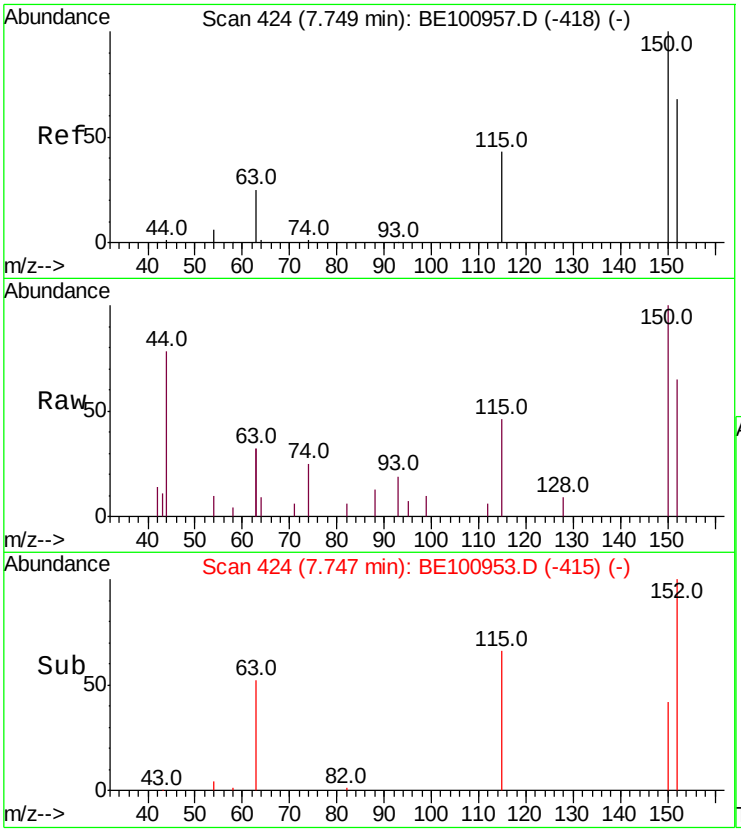
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 00:29:37 2019
Response via : Initial Calibration



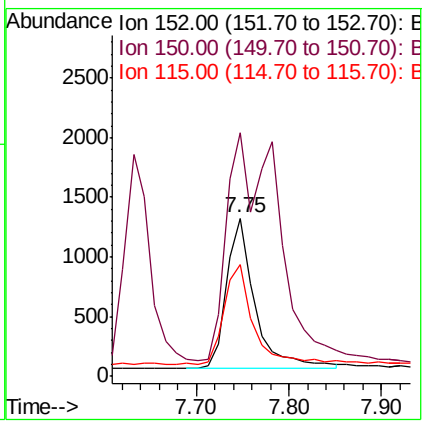


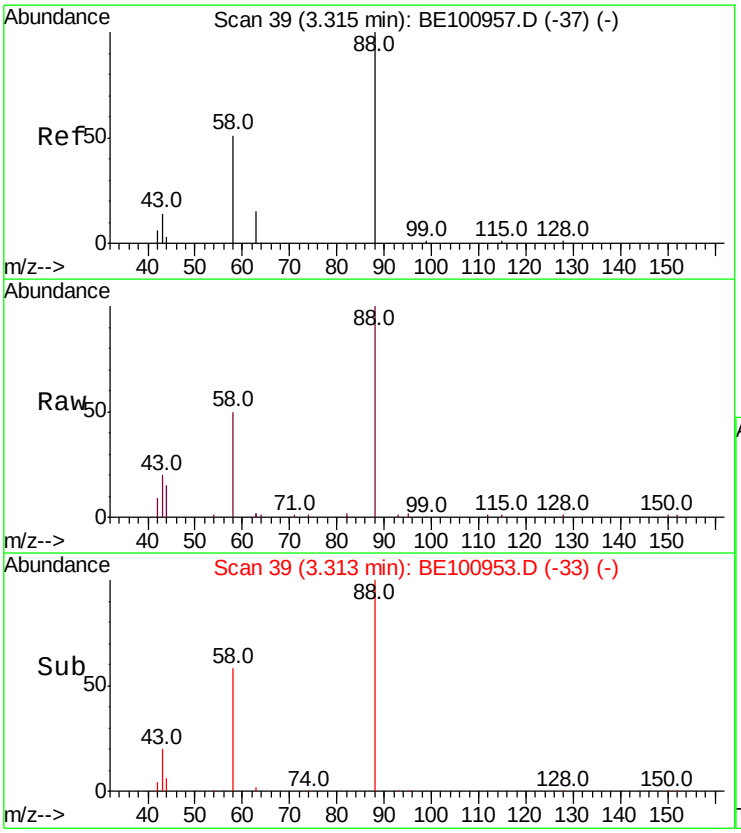
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2703

Ion	Ratio	Lower	Upper
152	100		
150	154.1	116.7	175.1
115	70.4	55.7	83.5

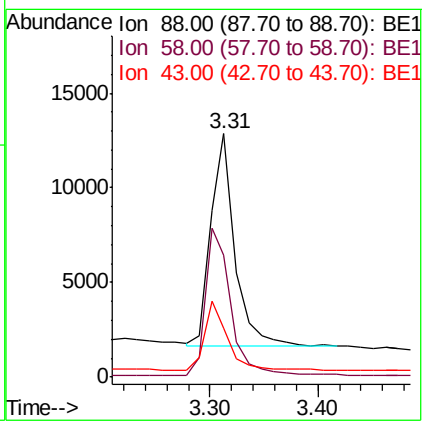


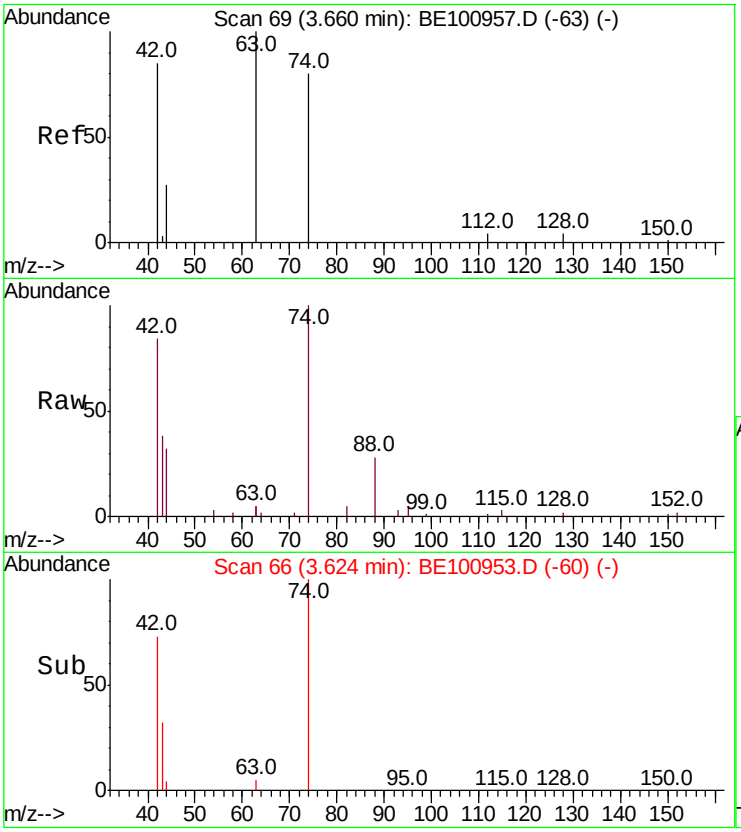


#2
1,4-Dioxane
Concen: 3.545 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion: 88 Resp: 17469

Ion	Ratio	Lower	Upper
88	100		
58	73.4	38.6	57.8#
43	30.7	20.5	30.7#



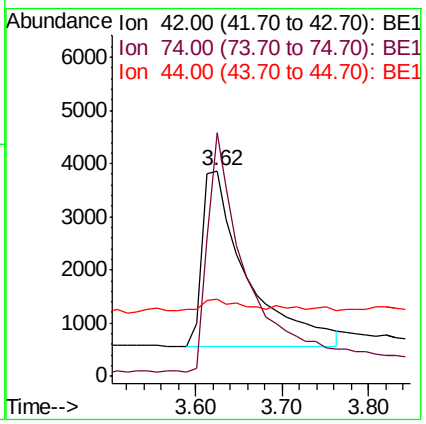


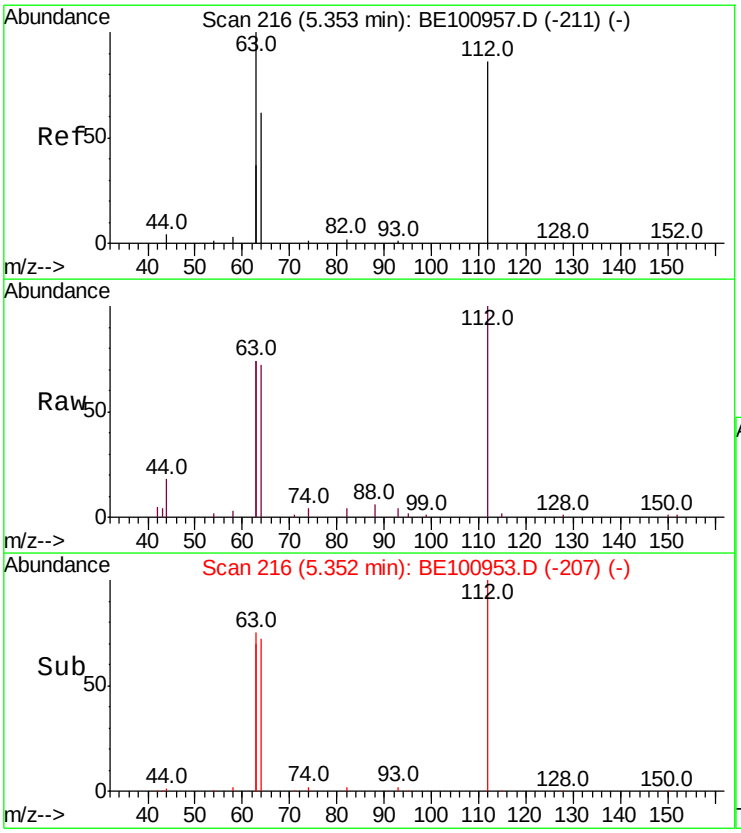
#3
n-Nitrosodimethylamine
Concen: 2.991 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.04 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 11997

Ion	Ratio	Lower	Upper
42	100		
74	123.4	77.8	116.6#
44	4.9	0.0	0.0#

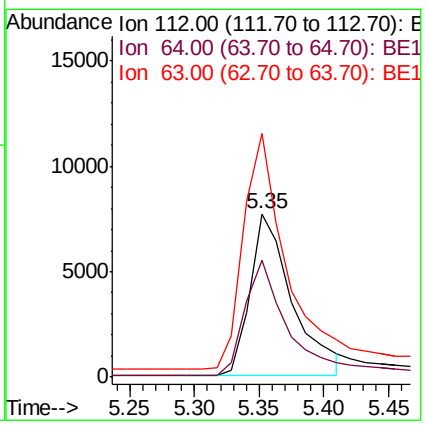


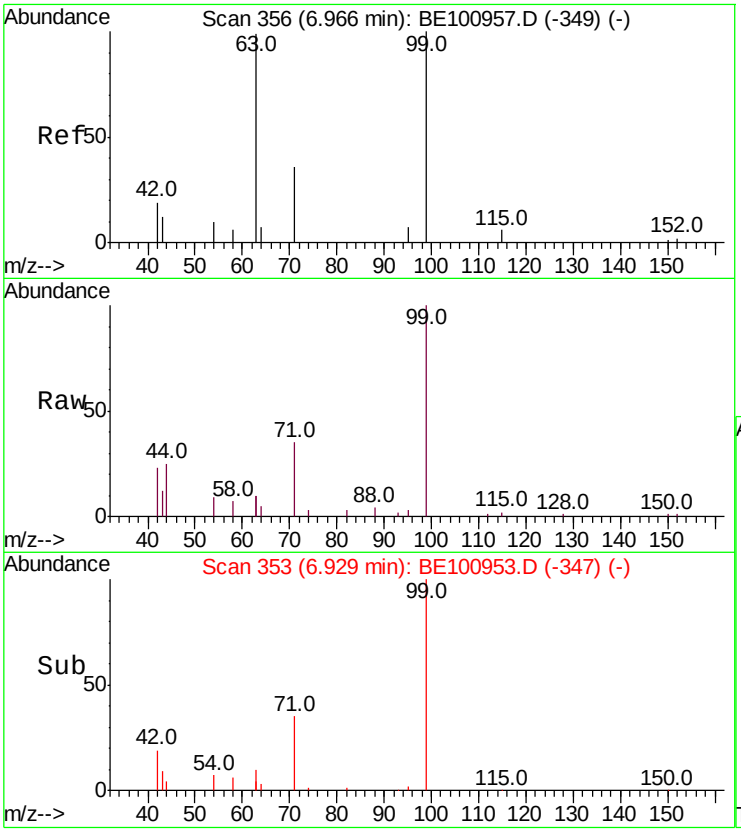


#4
2-Fluorophenol
Concen: 2.744 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:112 Resp: 17599

Ion	Ratio	Lower	Upper
112	100		
64	69.7	58.6	88.0
63	146.1	121.0	181.6



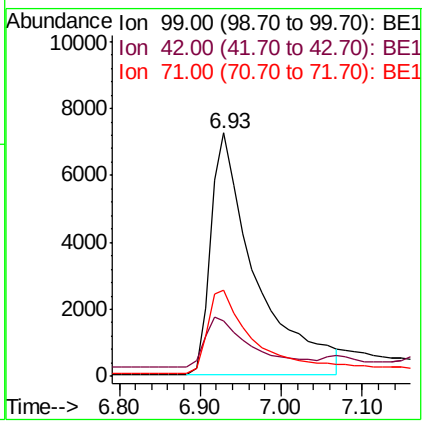


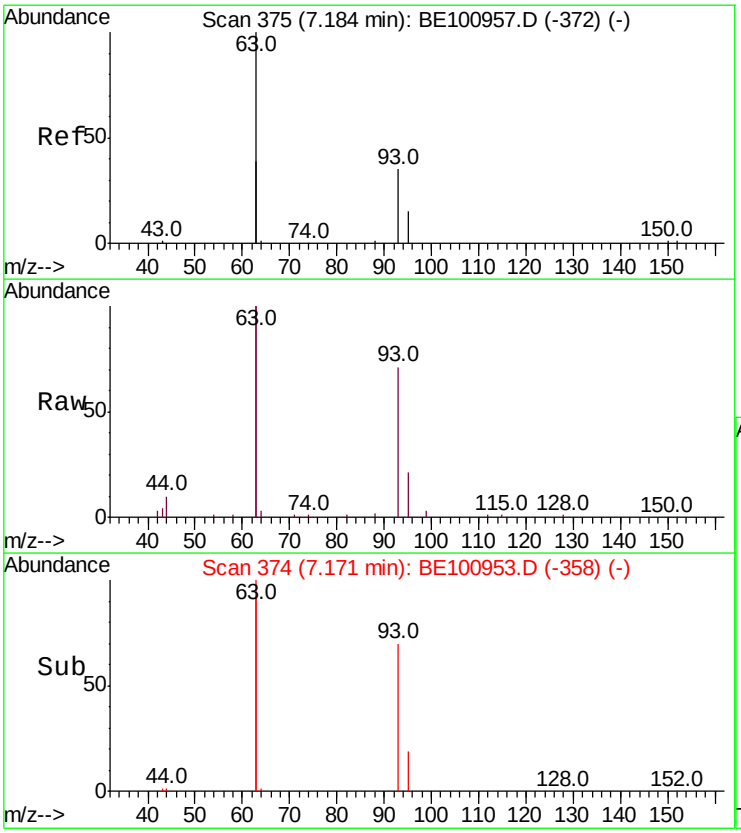
#5
Phenol-d6
Concen: 2.856 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.04 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 27652

Ion	Ratio	Lower	Upper
99	100		
42	20.9	10.2	15.2#
71	36.0	0.0	0.0#

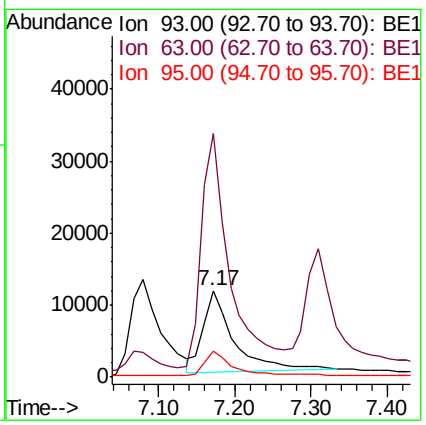


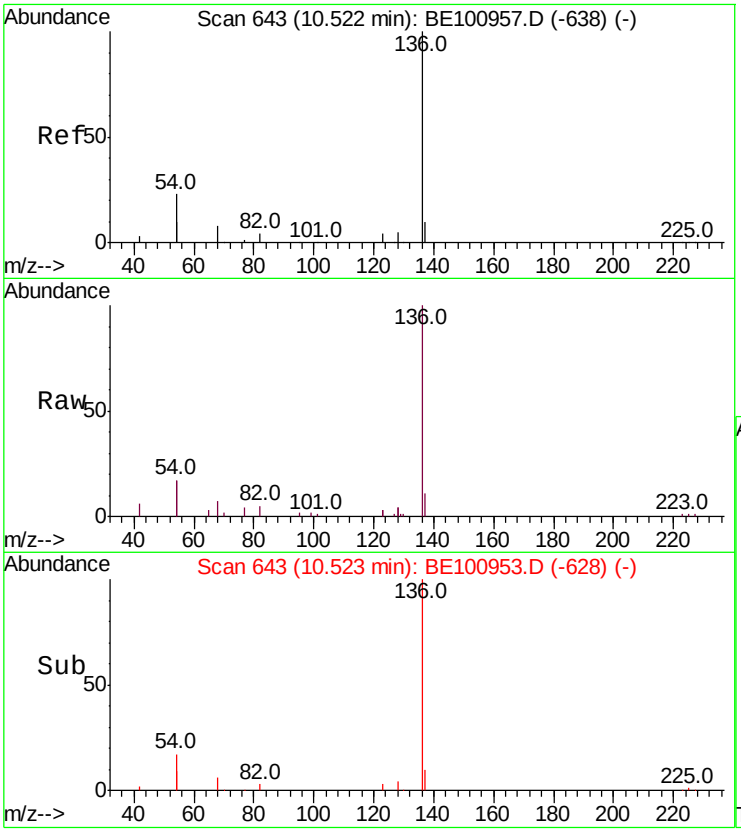


#6
bis(2-Chloroethyl)ether
Concen: 3.393 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion: 93 Resp: 31751

Ion	Ratio	Lower	Upper
93	100		
63	263.6	209.4	314.2
95	29.4	28.6	42.8



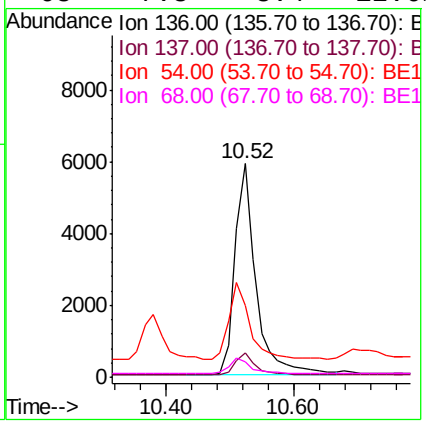


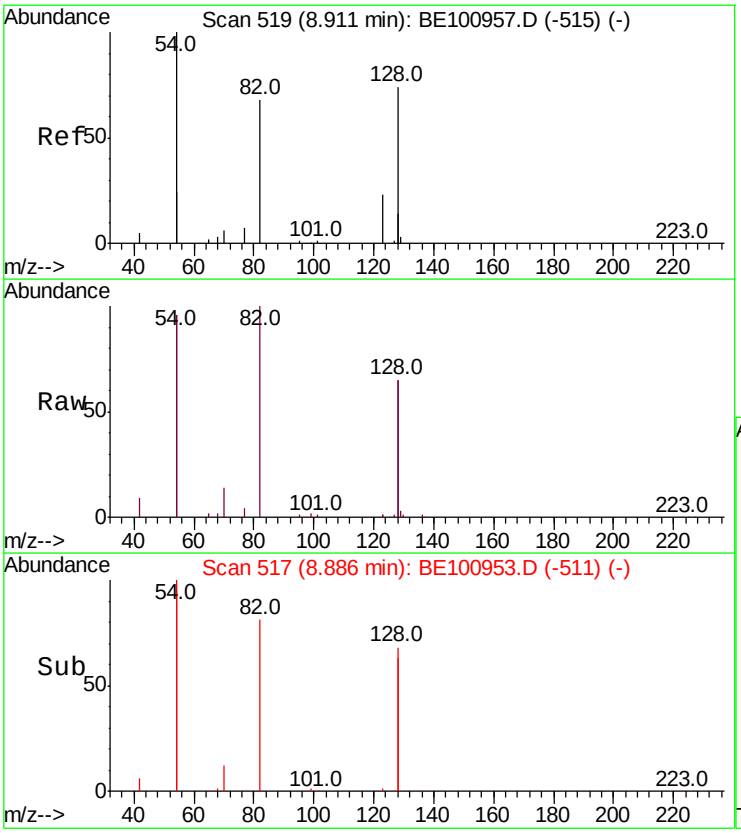
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13647

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	33.5	36.2	54.4#
68	7.3	8.4	12.6#

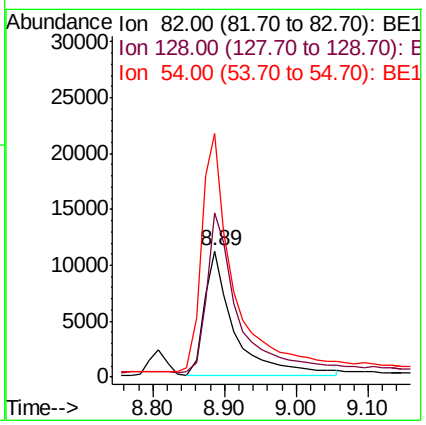


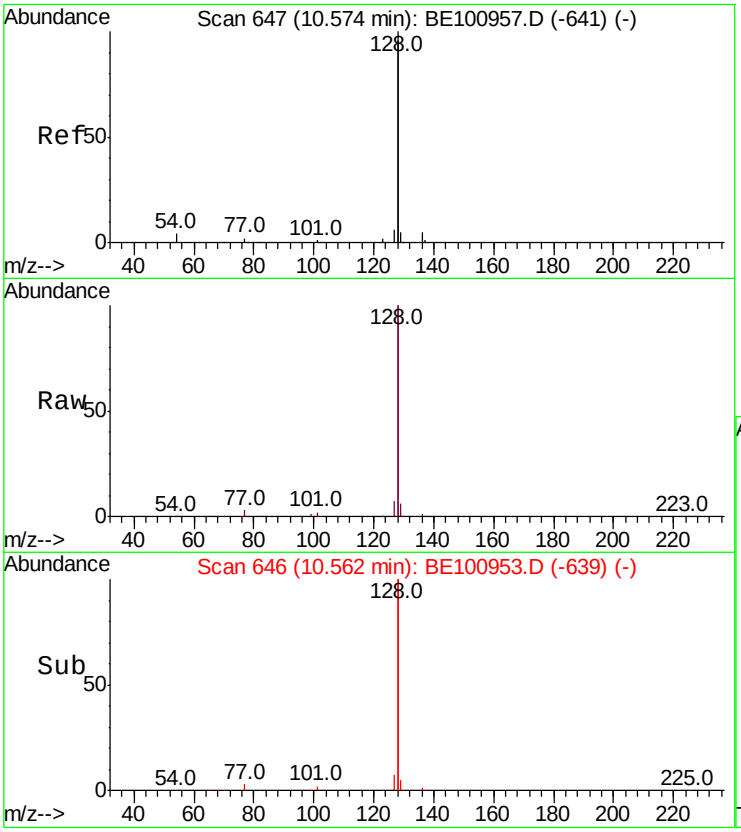


#8
Nitrobenzene-d5
Concen: 4.935 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion: 82 Resp: 32069

Ion	Ratio	Lower	Upper
82	100		
128	130.4	135.0	202.6#
54	192.8	182.6	274.0



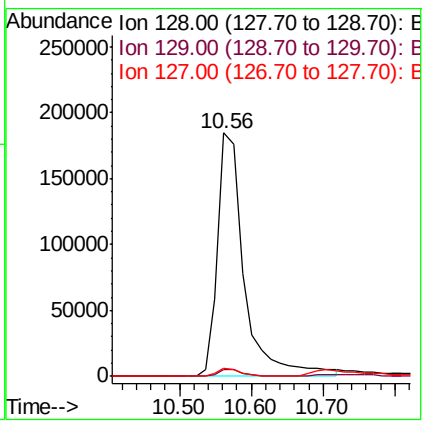


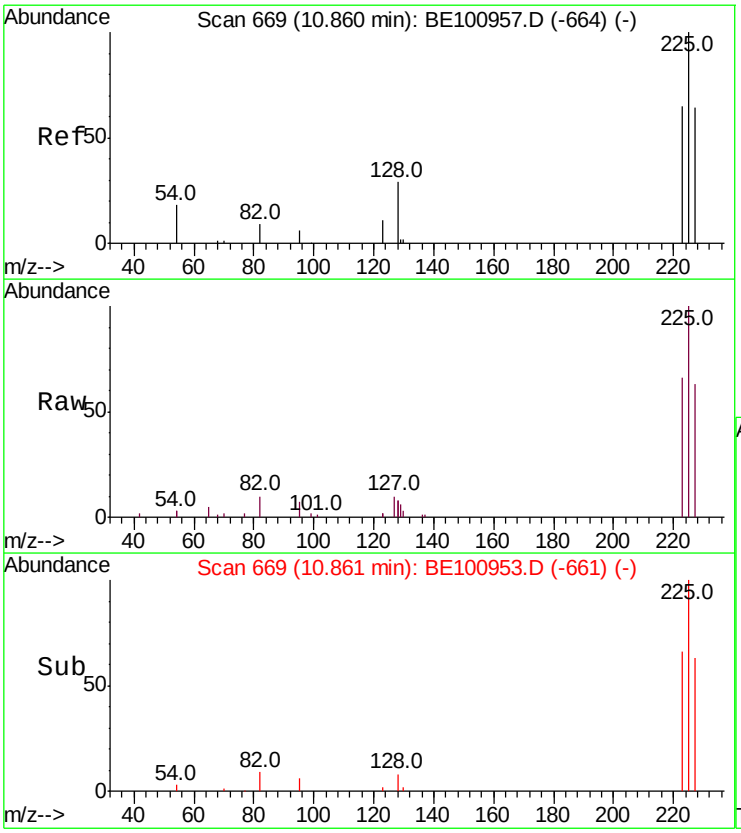
#9
Naphthalene
Concen: 3.260 ng
RT: 10.56 min Scan# 646
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 472695

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.4	2.7	4.1

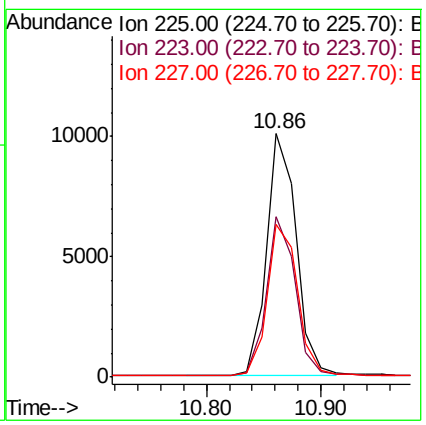


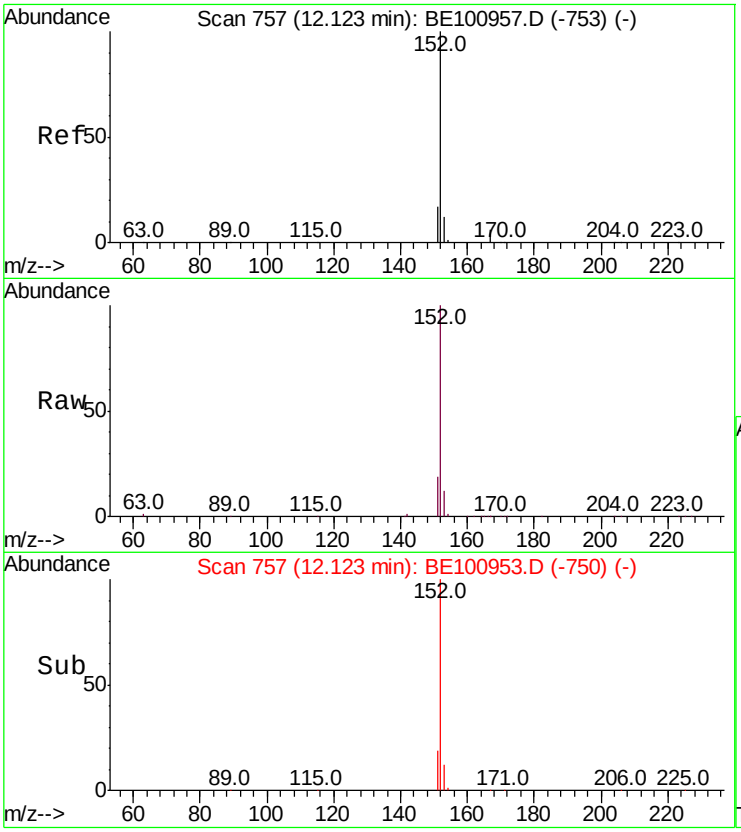


#10
Hexachlorobutadiene
Concen: 3.228 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:225 Resp: 18254

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.2
227	64.1	50.3	75.5



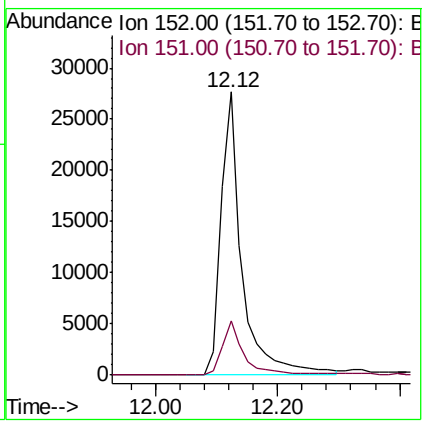


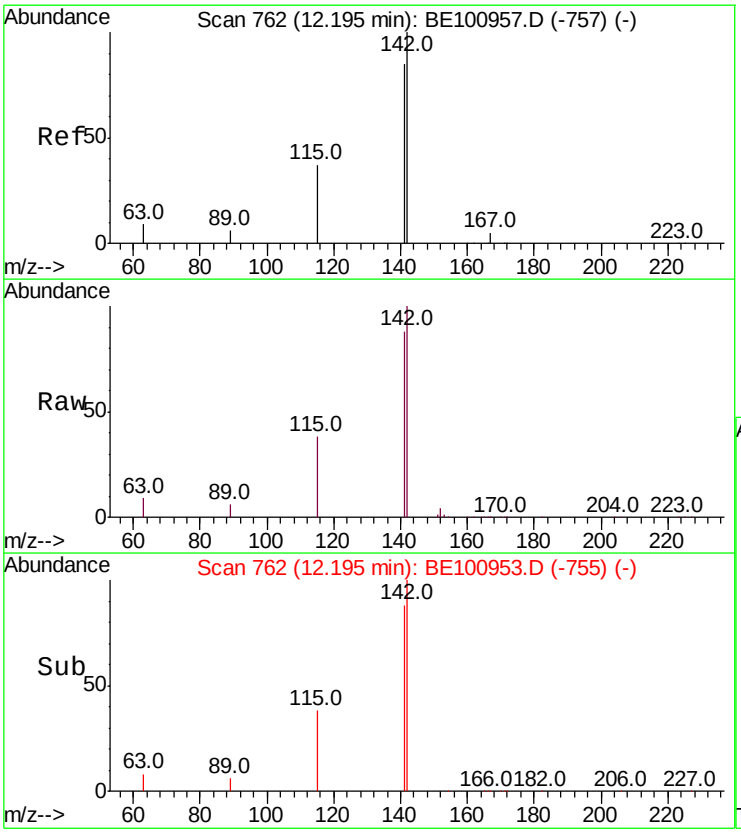
#11
2-Methylnaphthalene-d10
Concen: 3.367 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 66578

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.4

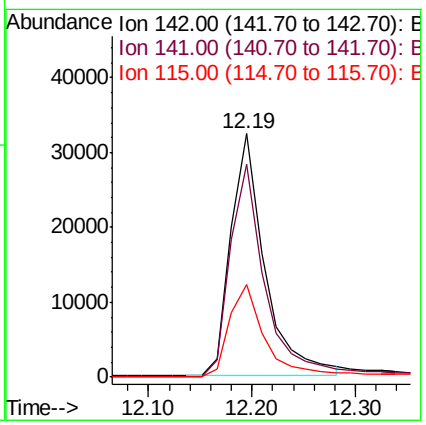


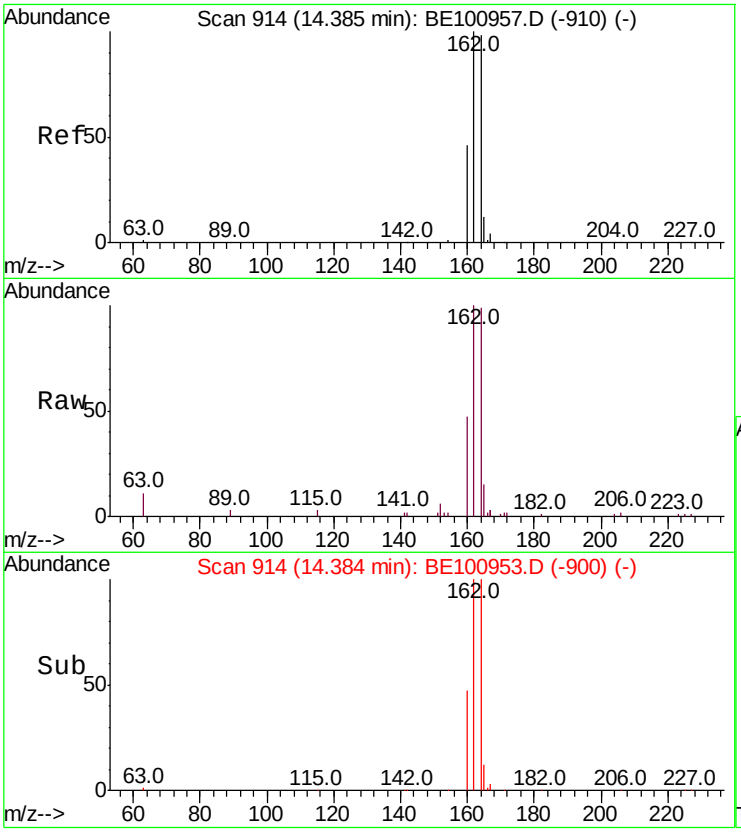


#12
2-Methylnaphthalene
Concen: 3.256 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:142 Resp: 73717

Ion	Ratio	Lower	Upper
142	100		
141	87.5	67.8	101.8
115	38.1	31.7	47.5



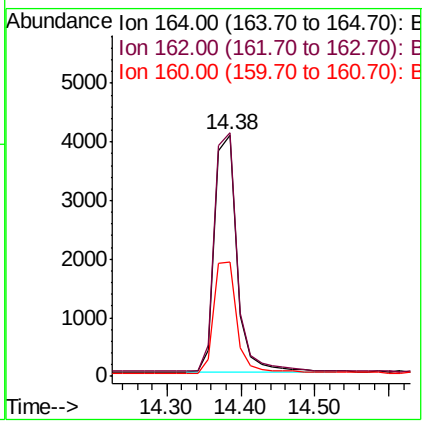


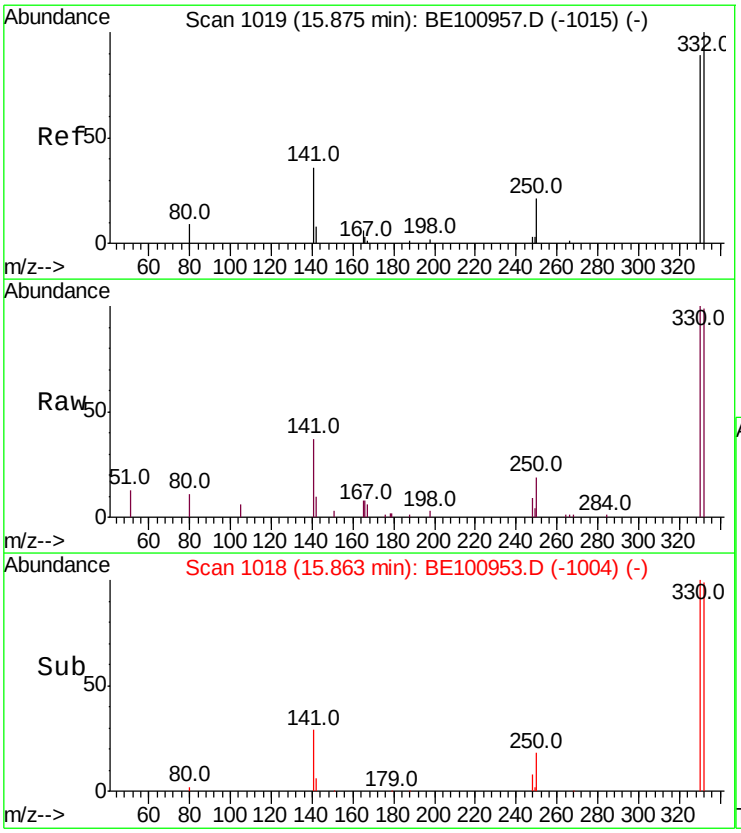
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8563

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.6	122.4
160	47.1	38.5	57.7

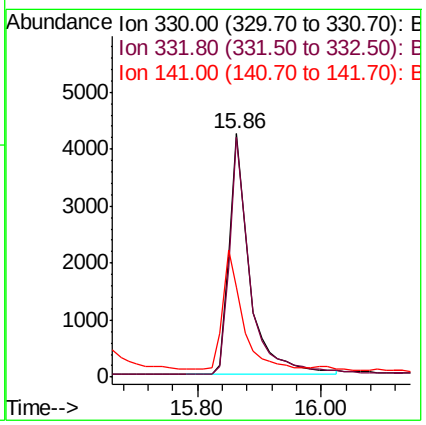


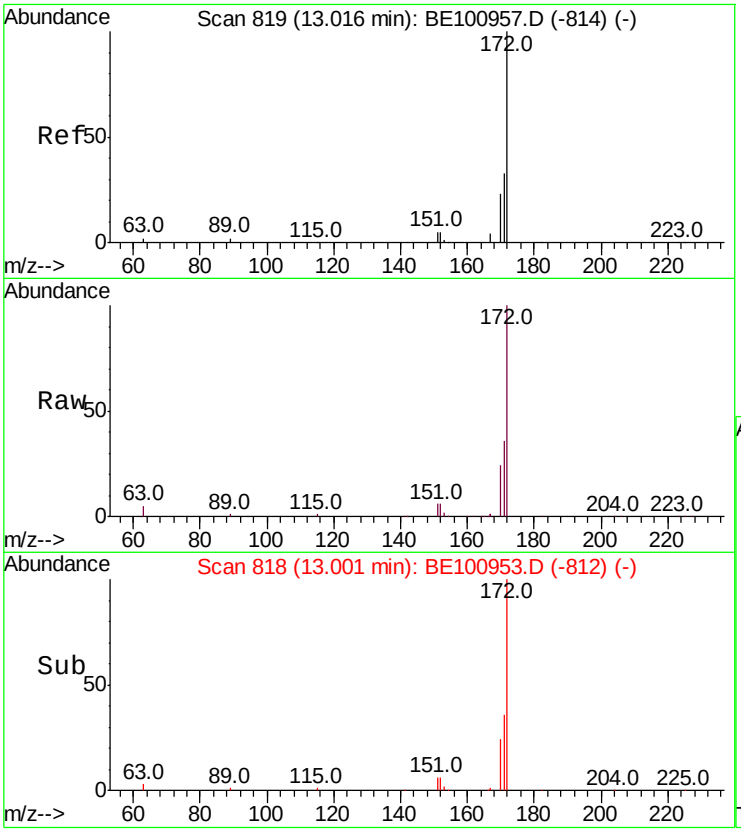


#14
2,4,6-Tribromophenol
Concen: 10.316 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:330 Resp: 9825

Ion	Ratio	Lower	Upper
330	100		
332	96.8	84.2	126.2
141	46.7	39.3	58.9



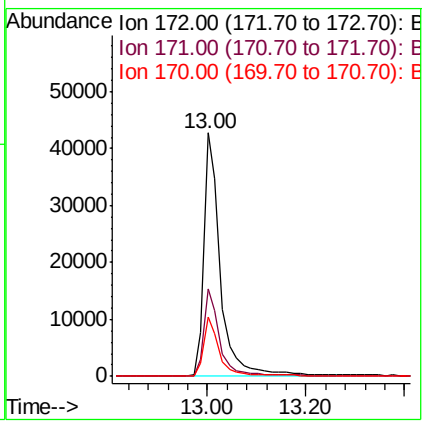


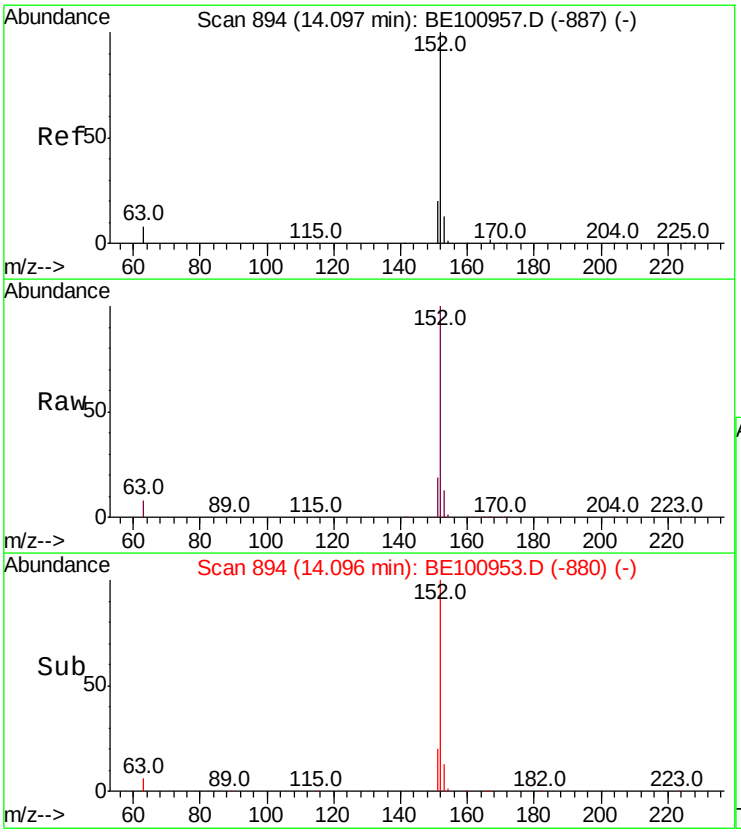
#15
2-Fluorobiphenyl
Concen: 2.931 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 99543

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.5	41.3
170	24.4	19.8	29.6

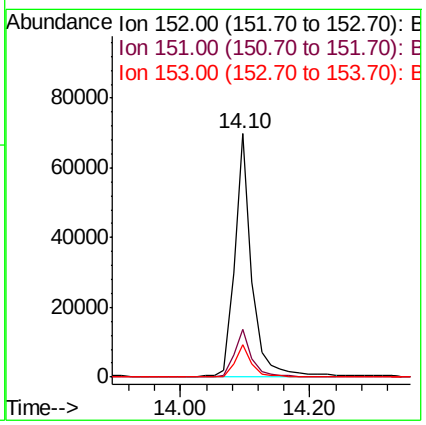


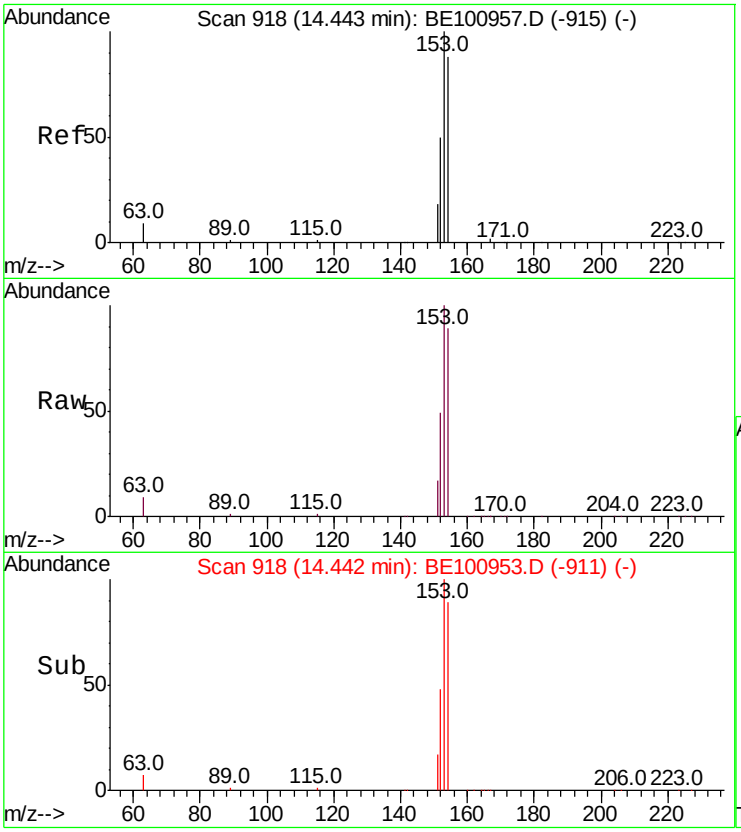


#16
Acenaphthylene
Concen: 3.564 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:152 Resp: 126251

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.0	22.4
153	13.0	10.6	16.0



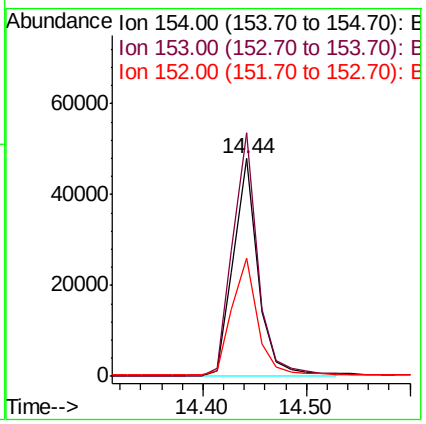


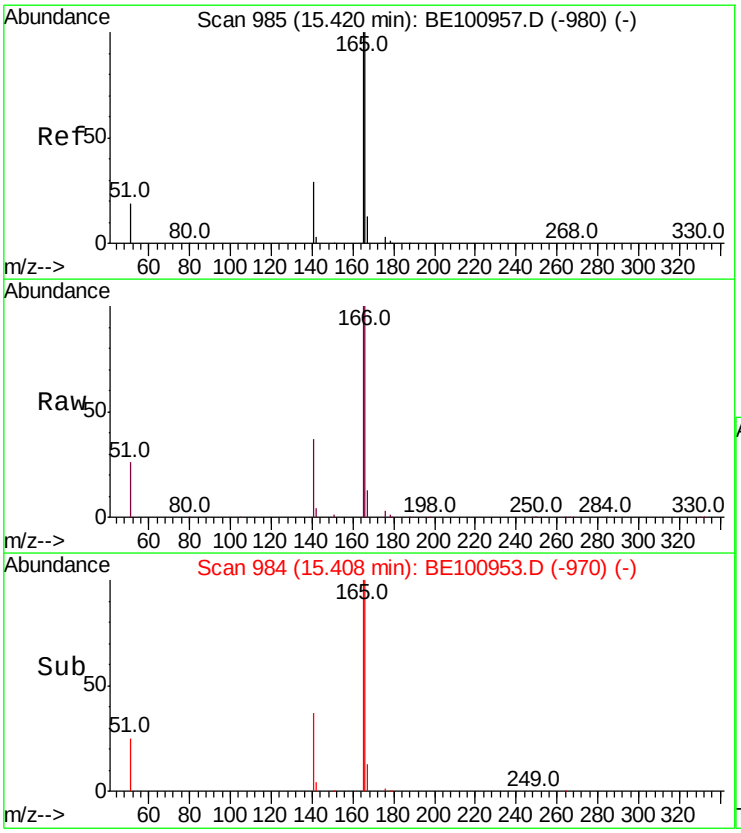
#17
Acenaphthene
Concen: 3.288 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 80285

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.3	138.5
152	55.7	46.4	69.6

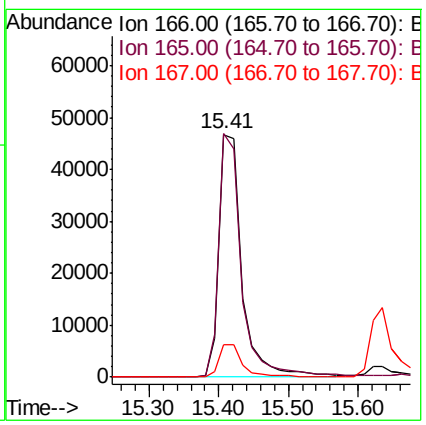


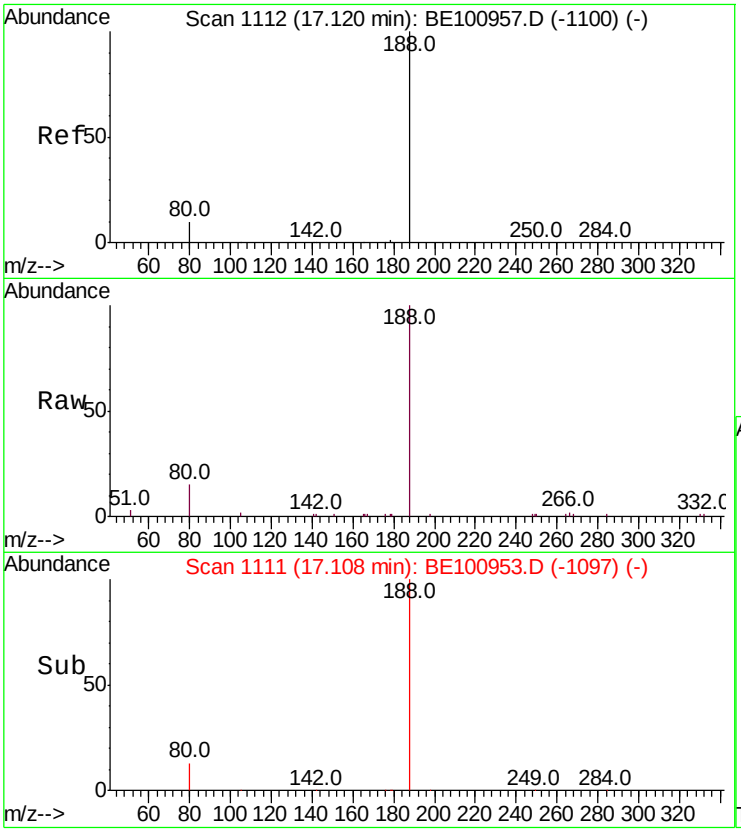


#18
Fluorene
Concen: 3.355 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:166 Resp: 105634

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.4	10.6	16.0



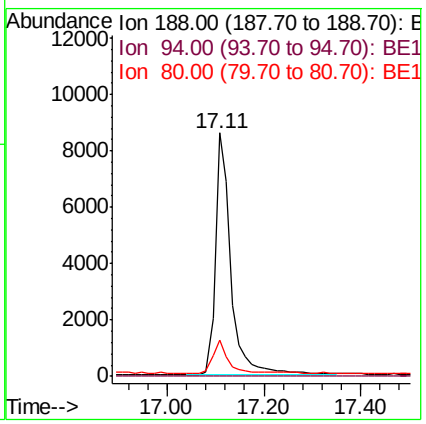


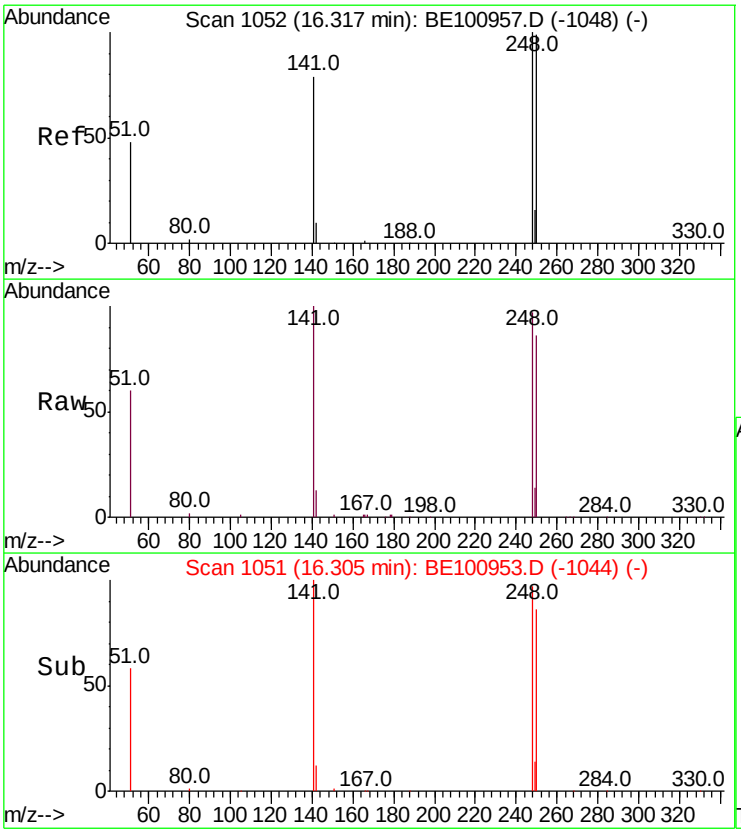
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	9.5	14.3#

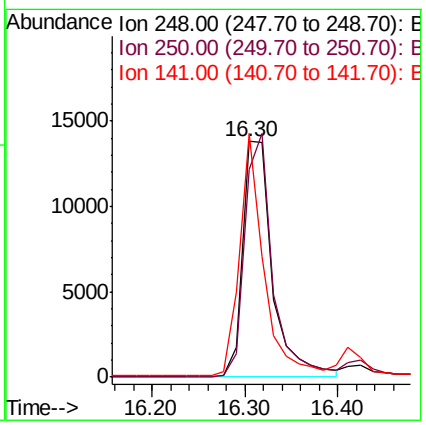


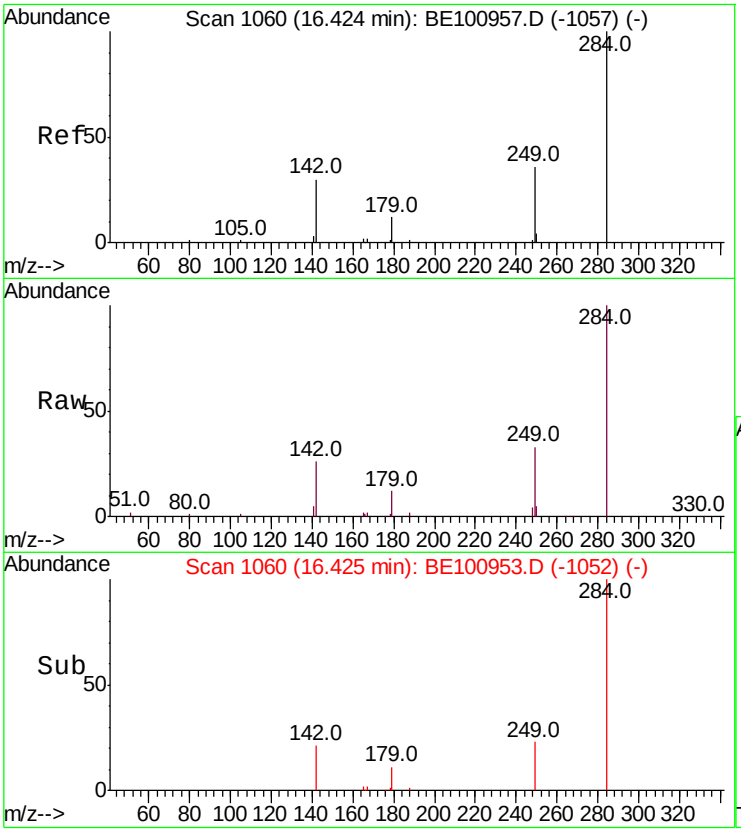


#20
4-Bromophenyl-phenylether
Concen: 3.277 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:248 Resp: 30532

Ion	Ratio	Lower	Upper
248	100		
250	88.4	79.5	119.3
141	103.3	66.6	100.0#



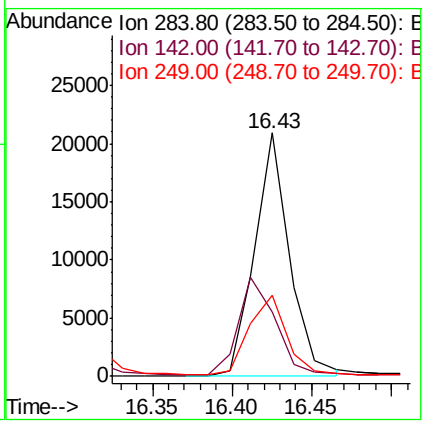


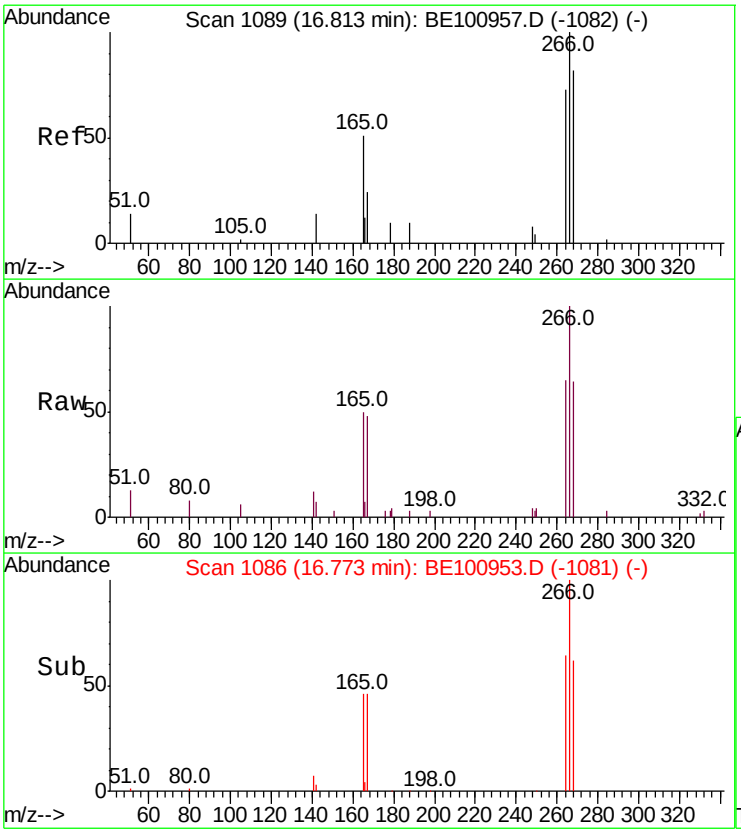
#21
Hexachlorobenzene
Concen: 3.117 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 31550

Ion	Ratio	Lower	Upper
284	100		
142	43.0	33.8	50.6
249	35.2	26.7	40.1

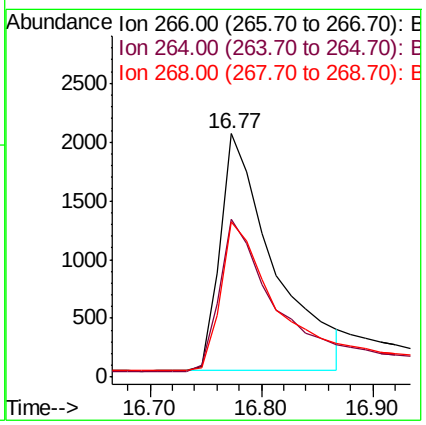


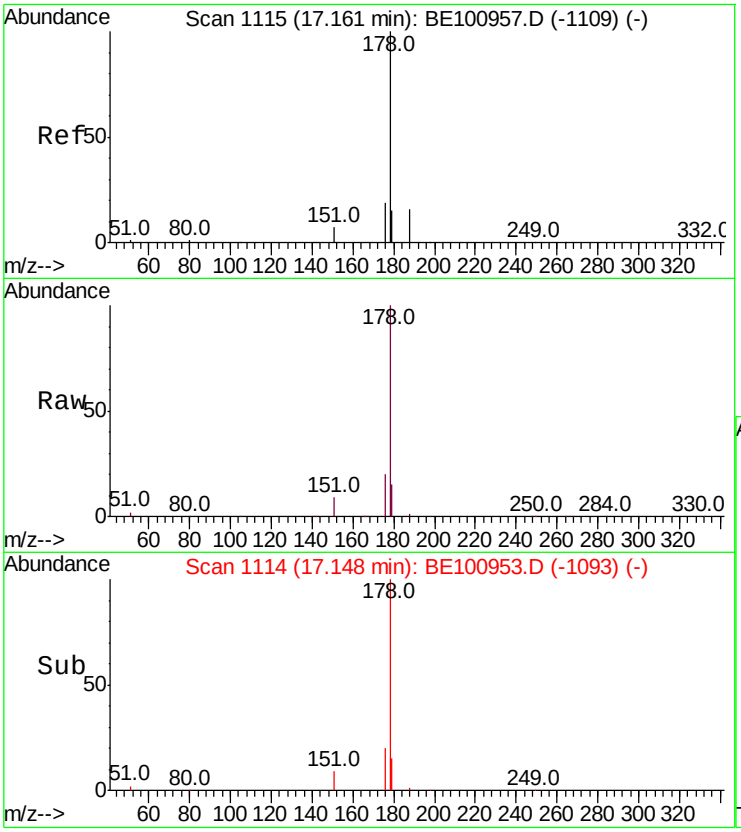


#22
Pentachlorophenol
Concen: 9.749 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:266 Resp: 6826

Ion	Ratio	Lower	Upper
266	100		
264	64.9	64.5	96.7
268	63.7	74.6	111.8#



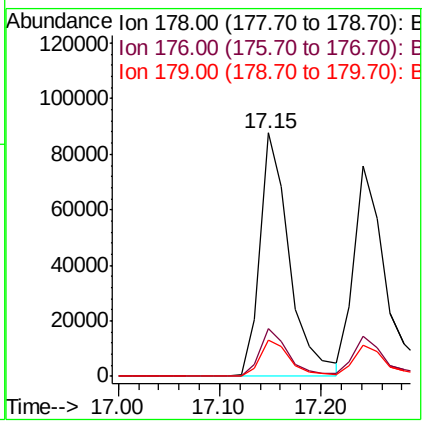


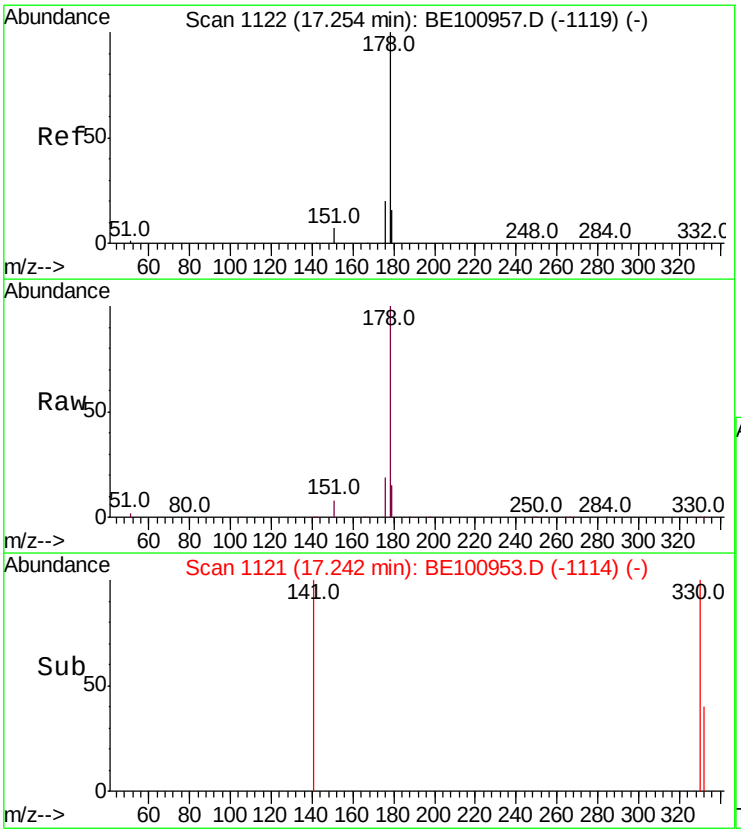
#23
Phenanthrene
Concen: 3.100 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 178312

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.5	18.7

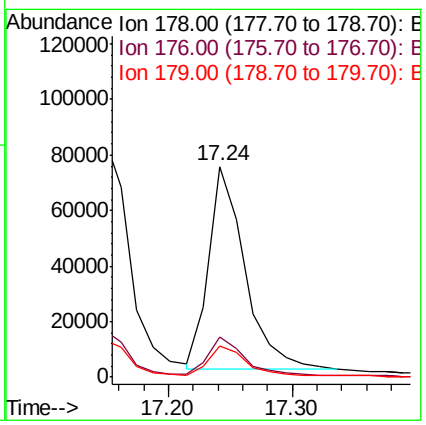


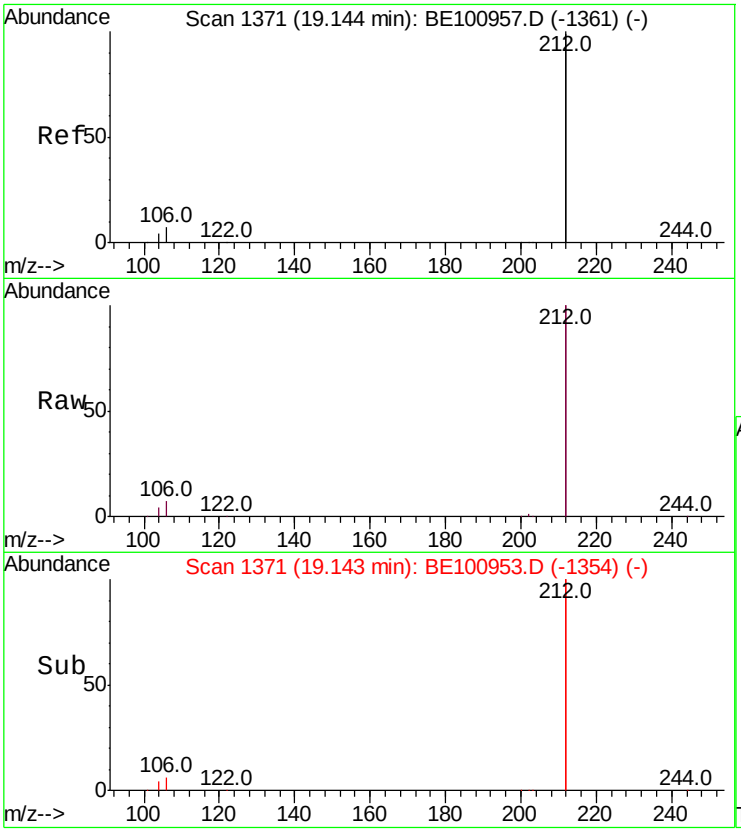


#24
Anthracene
Concen: 3.082 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:178 Resp: 148271

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.3	12.0	18.0



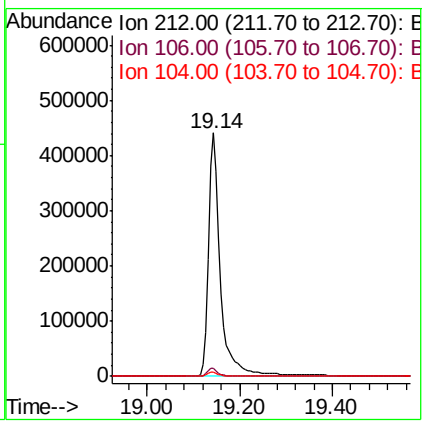


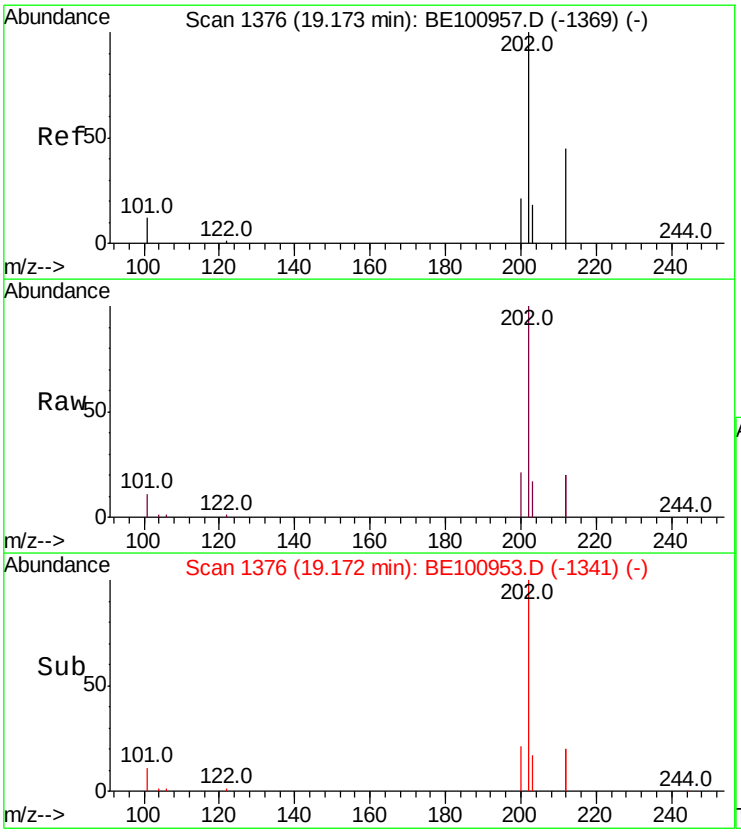
#25
Fluoranthene-d10
Concen: 3.610 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 810228

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2

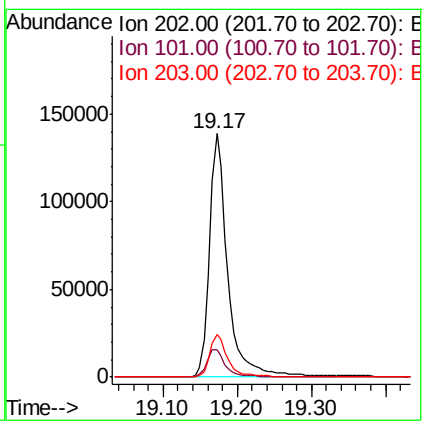


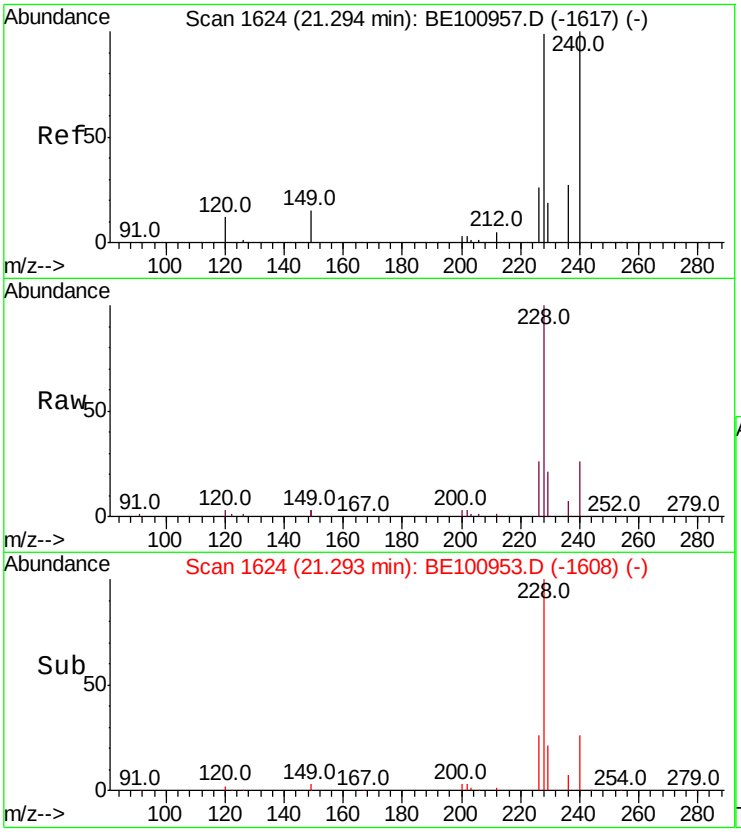


#26
Fluoranthene
Concen: 3.456 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:202 Resp: 237269

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.6
203	16.9	13.4	20.0



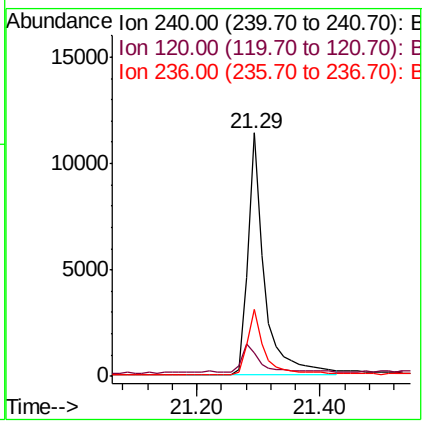


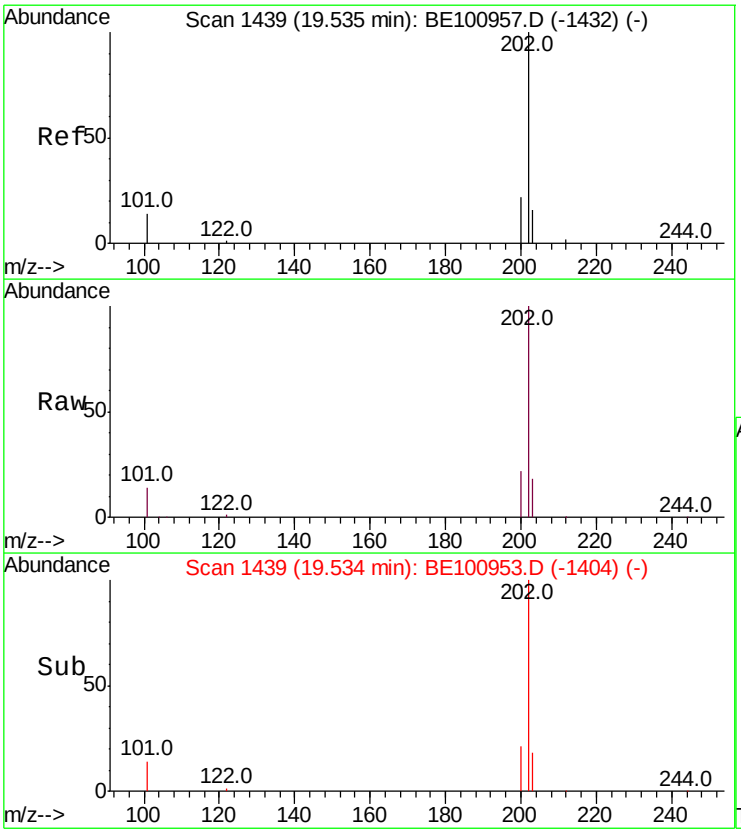
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21265

Ion	Ratio	Lower	Upper
240	100		
120	9.7	11.5	17.3#
236	27.5	22.8	34.2

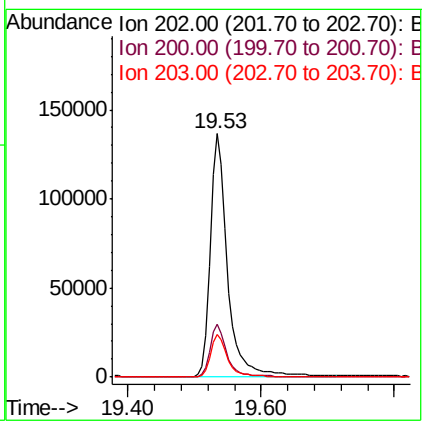


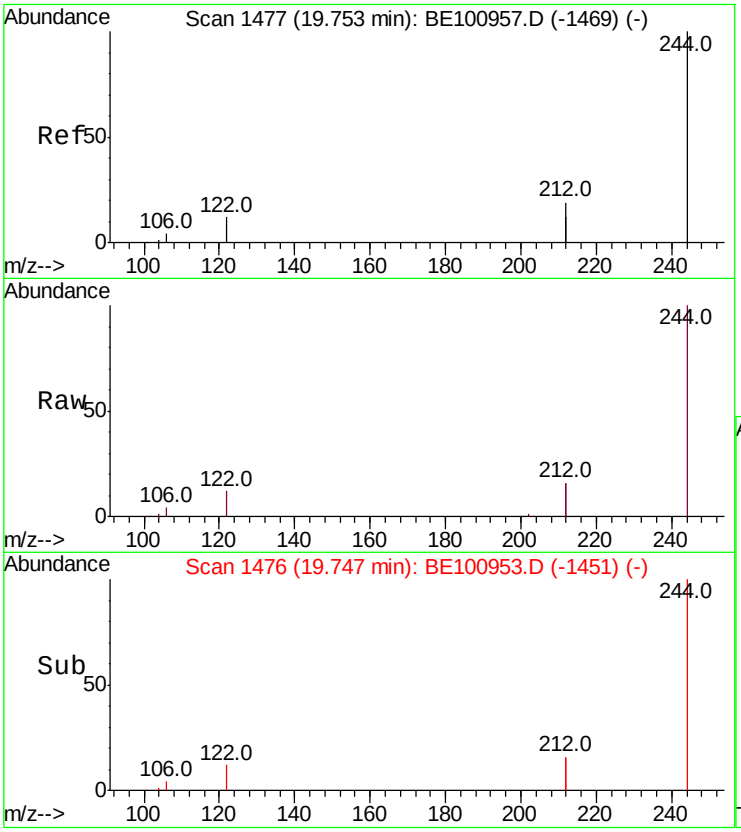


#28
Pyrene
Concen: 3.505 ng
RT: 19.53 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:202 Resp: 242175

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.4	24.6
203	17.6	13.8	20.8



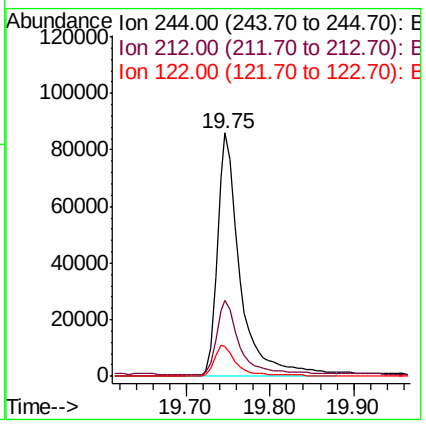


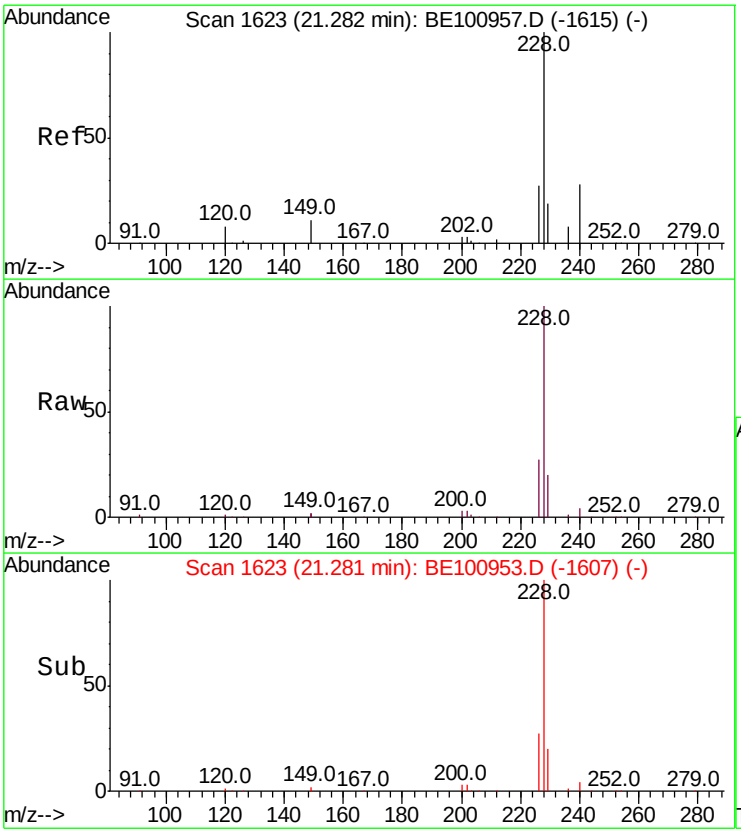
#29
Terphenyl-d14
Concen: 3.210 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 163507

Ion	Ratio	Lower	Upper
244	100		
212	31.3	30.2	45.2
122	12.3	10.7	16.1

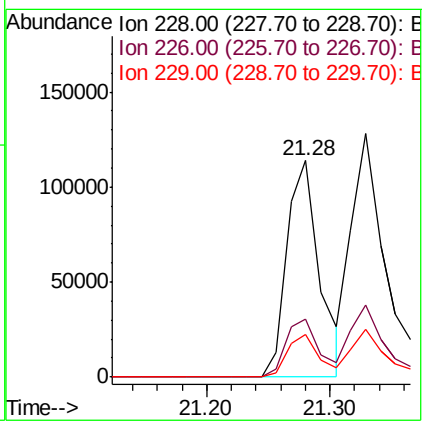


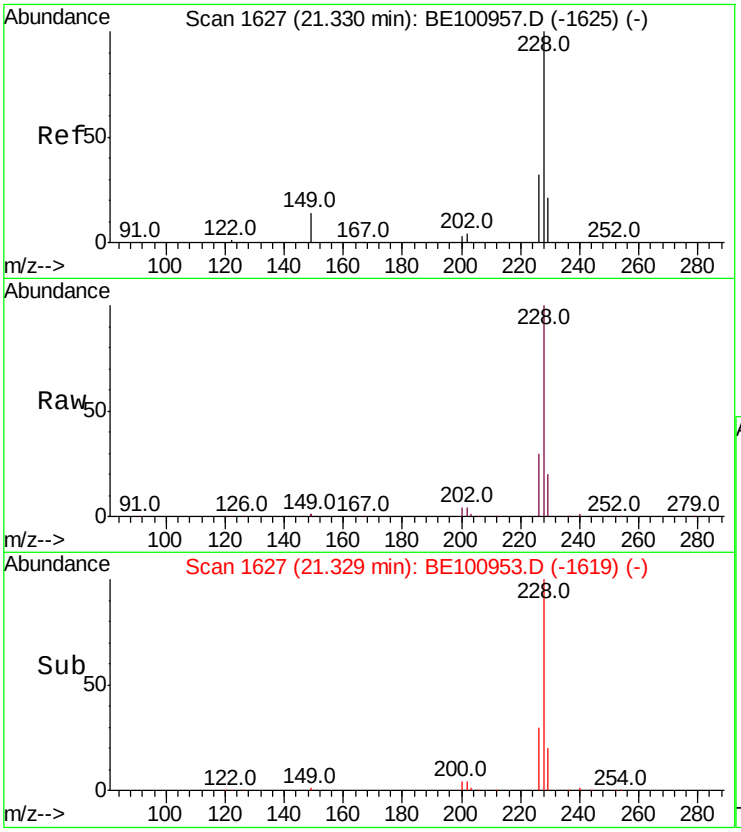


#30
Benzo(a)anthracene
Concen: 3.365 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:228 Resp: 210888

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.9	15.9	23.9



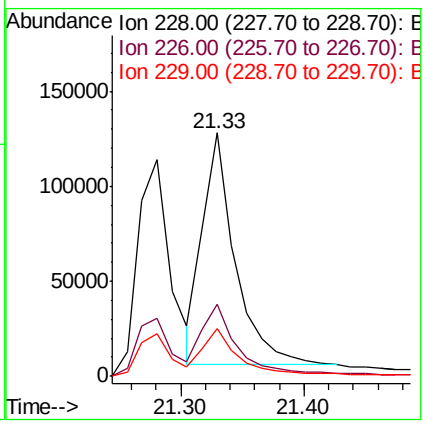


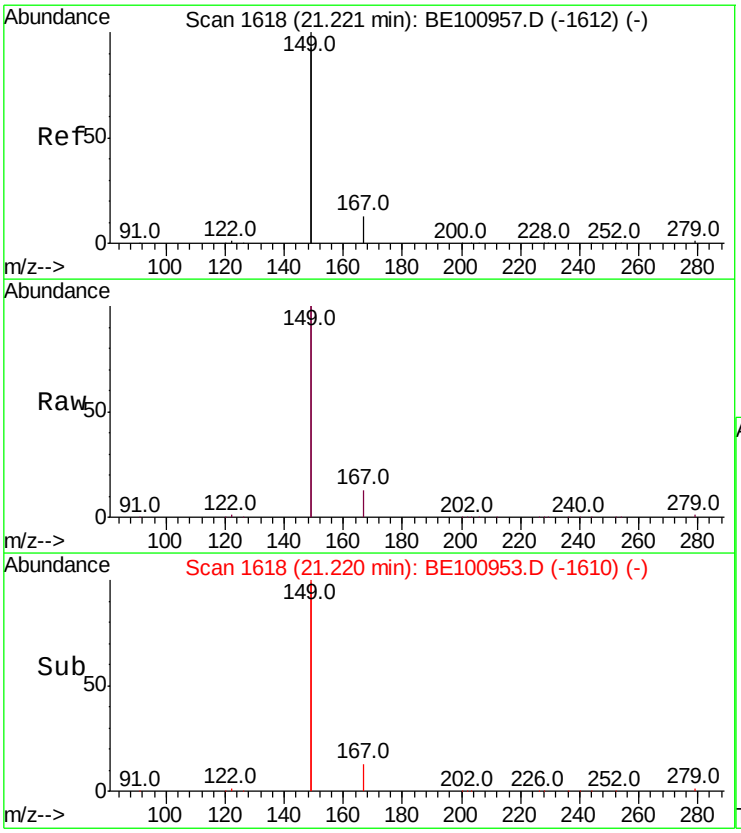
#31
Chrysene
Concen: 3.078 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 226721

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	19.8	16.6	24.8

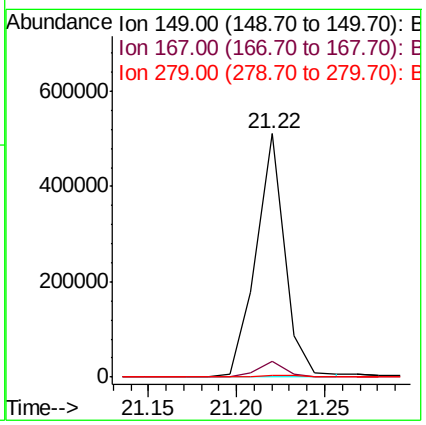


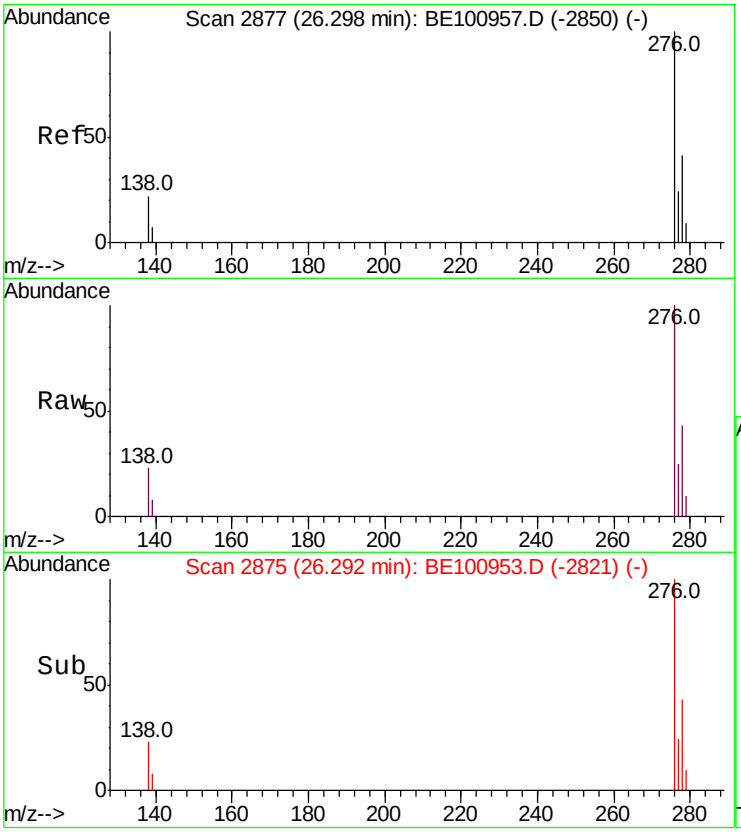


#32
Bis(2-ethylhexyl)phthalate
Concen: 10.070 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:149 Resp: 572084

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	0.8	0.7	1.1



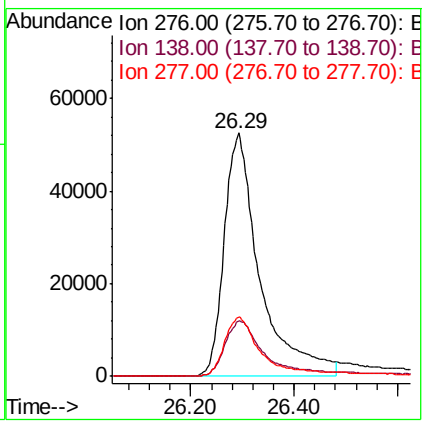


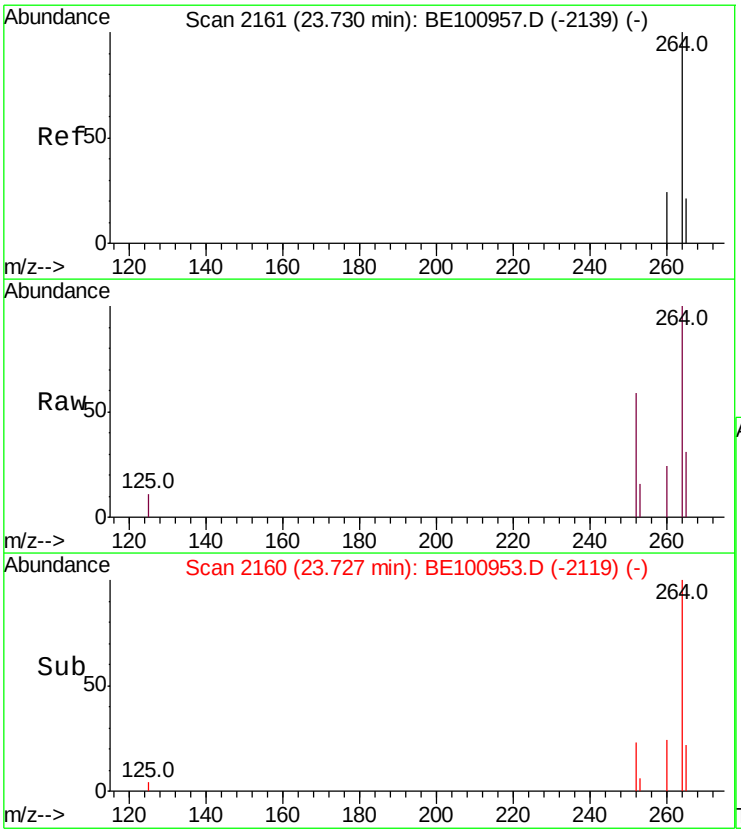
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.933 ng
RT: 26.29 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 252326

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

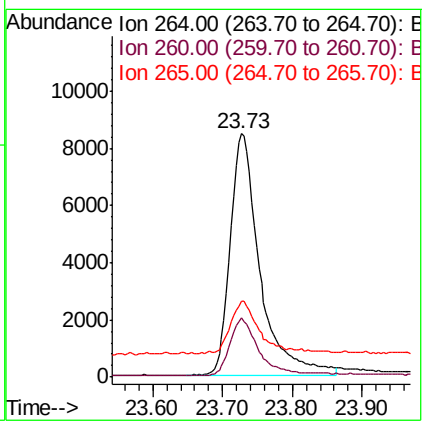


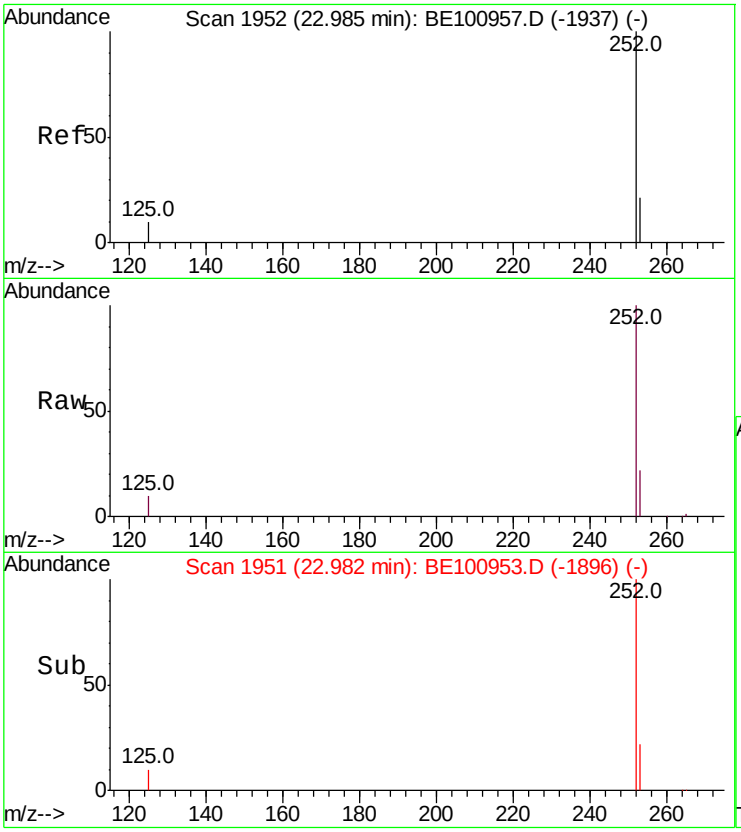


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:264 Resp: 24752

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	31.2	26.4	39.6



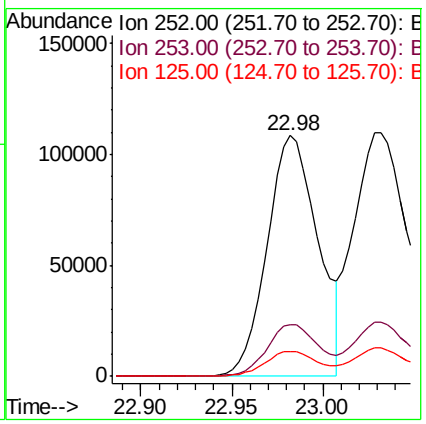


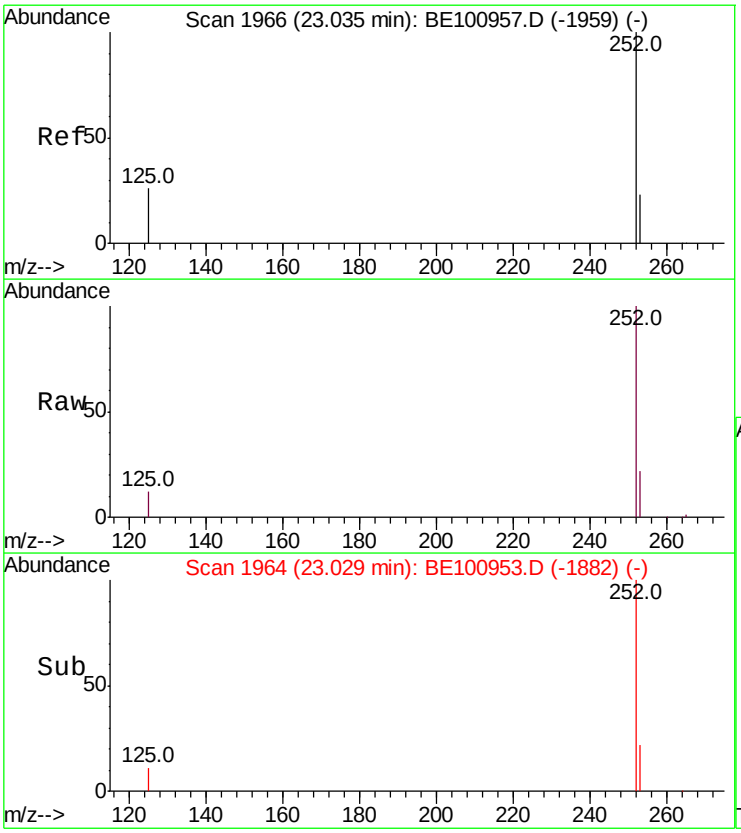
#35
Benzo(b)fluoranthene
Concen: 3.097 ng
RT: 22.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 209865

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	27.8
125	10.5	10.2	15.2

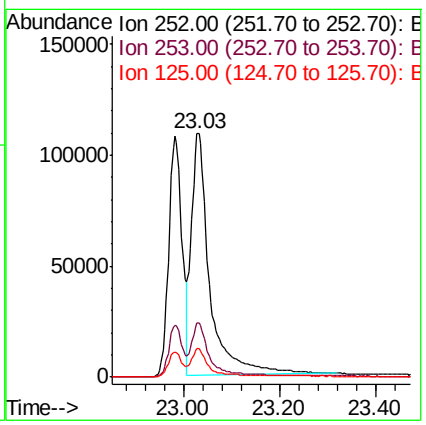


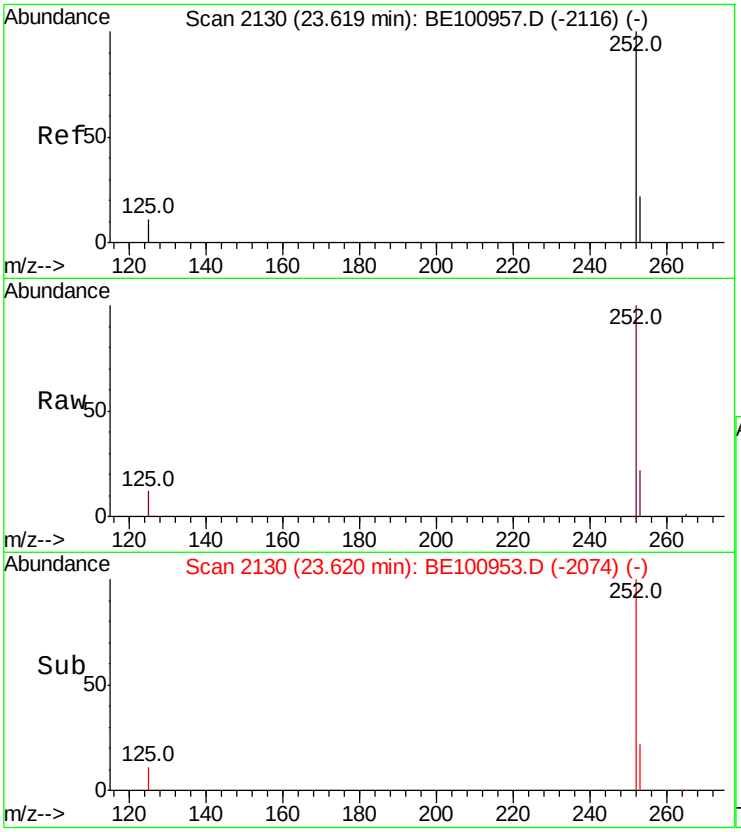


#36
Benzo(k)fluoranthene
Concen: 3.871 ng
RT: 23.03 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:252 Resp: 294202

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	11.6	17.9	26.9#



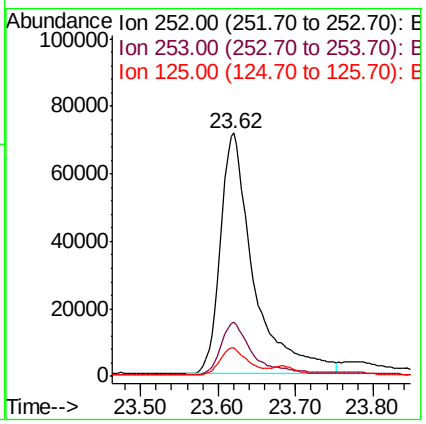


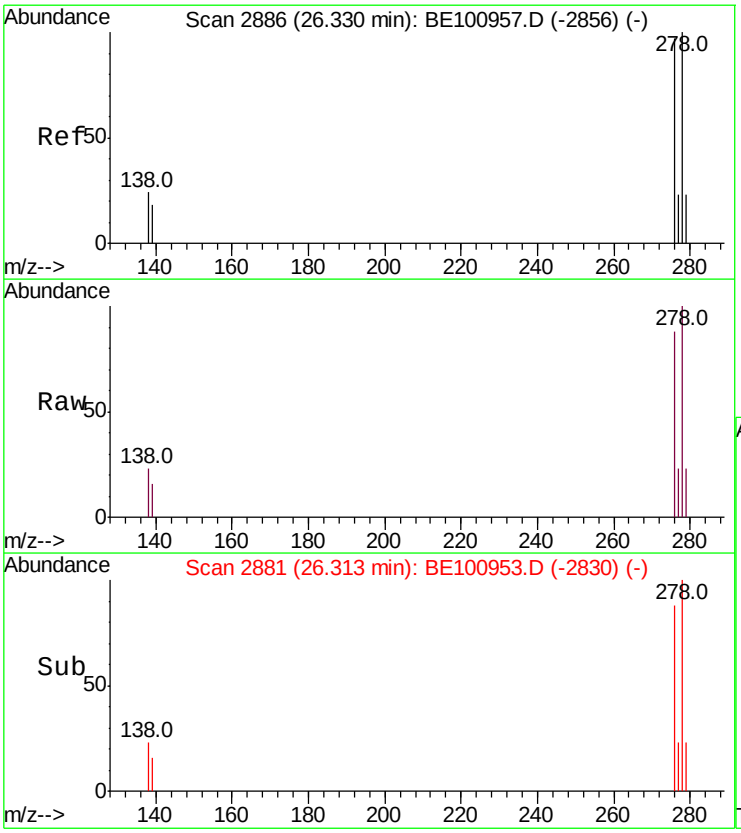
#37
Benzo(a)pyrene
Concen: 3.627 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 212817

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.9	29.9
125	11.6	12.3	18.5#

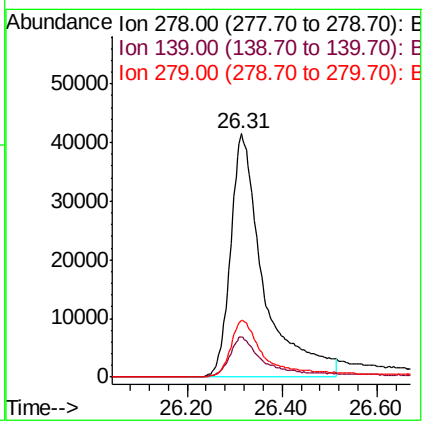


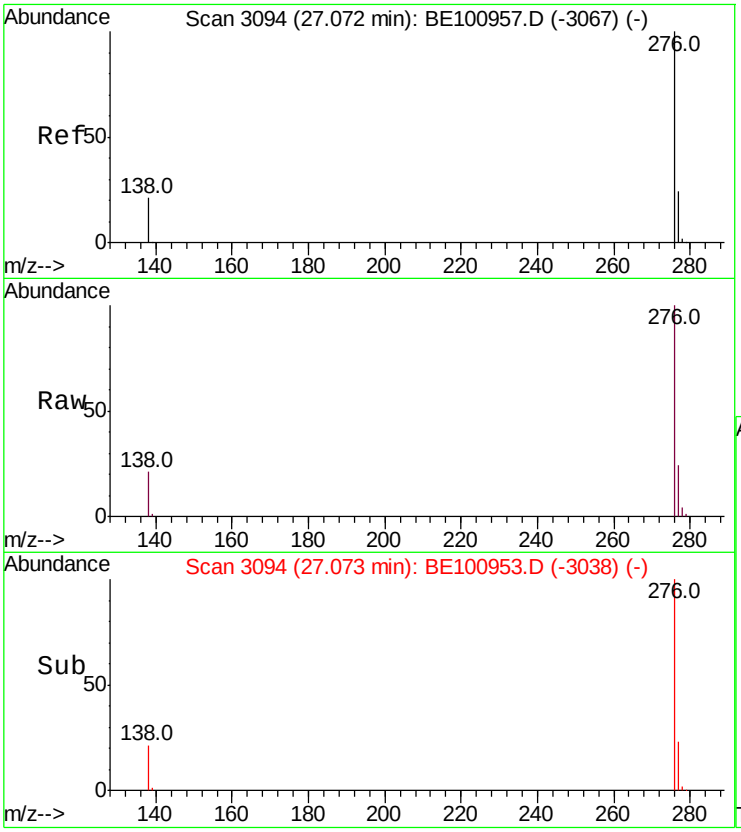


#38
Dibenzo(a,h)anthracene
Concen: 3.404 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:278 Resp: 198677

Ion	Ratio	Lower	Upper
278	100		
139	16.3	17.0	25.6#
279	23.4	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 3.573 ng
RT: 27.07 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 222984

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.9	29.9
138	21.3	18.4	27.6