Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100956.D
Acq On : 19 Dec 2019 21:27
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 00:34:49 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	2019	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	10441	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	6737	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	15345	0.40	ng		0.00
27) Chrysene-d12	21.29	240	15847	0.40	ng		0.00
34) Perylene-d12	23.73	264	21199	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	587	0.12	ng		0.01
5) Phenol-d6	7.00	99	394	0.05	ng		0.03
8) Nitrobenzene-d5	8.92	82	768	0.15	ng		0.01
11) 2-Methylnaphthalene-d10	12.14	152	2944	0.19	ng		0.01
14) 2,4,6-Tribromophenol	15.89	330	218	0.29	ng		0.01
15) 2-Fluorobiphenyl	13.02	172	4649	0.17	ng		0.00
25) Fluoranthene-d10	19.15	212	36437	0.20	ng		0.00
29) Terphenyl-d14	19.76	244	6672	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1947	0.529	ng	#	87
3) n-Nitrosodimethylamine	3.65	42	129	0.043	ng	#	1
6) bis(2-Chloroethyl)ether	7.19	93	1705	0.244	ng	#	16
9) Naphthalene	10.57	128	21552	0.194	ng	#	98
10) Hexachlorobutadiene	10.86	225	1018	0.235	ng		97
12) 2-Methylnaphthalene	12.21	142	2826	0.163	ng		93
16) Acenaphthylene	14.10	152	4791	0.172	ng		97
17) Acenaphthene	14.44	154	3609	0.188	ng		99
18) Fluorene	15.42	166	4239	0.171	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	1136	0.151	ng		95
21) Hexachlorobenzene	16.43	284	1505	0.184	ng		97
22) Pentachlorophenol	16.83	266	84	0.148	ng		98
23) Phenanthrene	17.16	178	6760	0.145	ng		99
24) Anthracene	17.26	178	4197	0.108	ng		96
26) Fluoranthene	19.18	202	10108	0.182	ng		100
28) Pyrene	19.54	202	10877	0.211	ng		99
30) Benzo(a)anthracene	21.28	228	6223	0.133	ng		96
31) Chrysene	21.33	228	10242	0.187	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	23441	0.554	ng		100
33) Indeno(1,2,3-cd)pyrene	26.30	276	10206	0.213	ng	#	79
35) Benzo(b)fluoranthene	22.99	252	7592	0.131	ng	#	93
36) Benzo(k)fluoranthene	23.04	252	13529	0.208	ng	#	79
37) Benzo(a)pyrene	23.62	252	10023	0.199	ng	#	88
38) Dibenzo(a,h)anthracene	26.33	278	5949	0.119	ng	#	86
39) Benzo(g,h,i)perylene	27.08	276	9825	0.184	ng		95

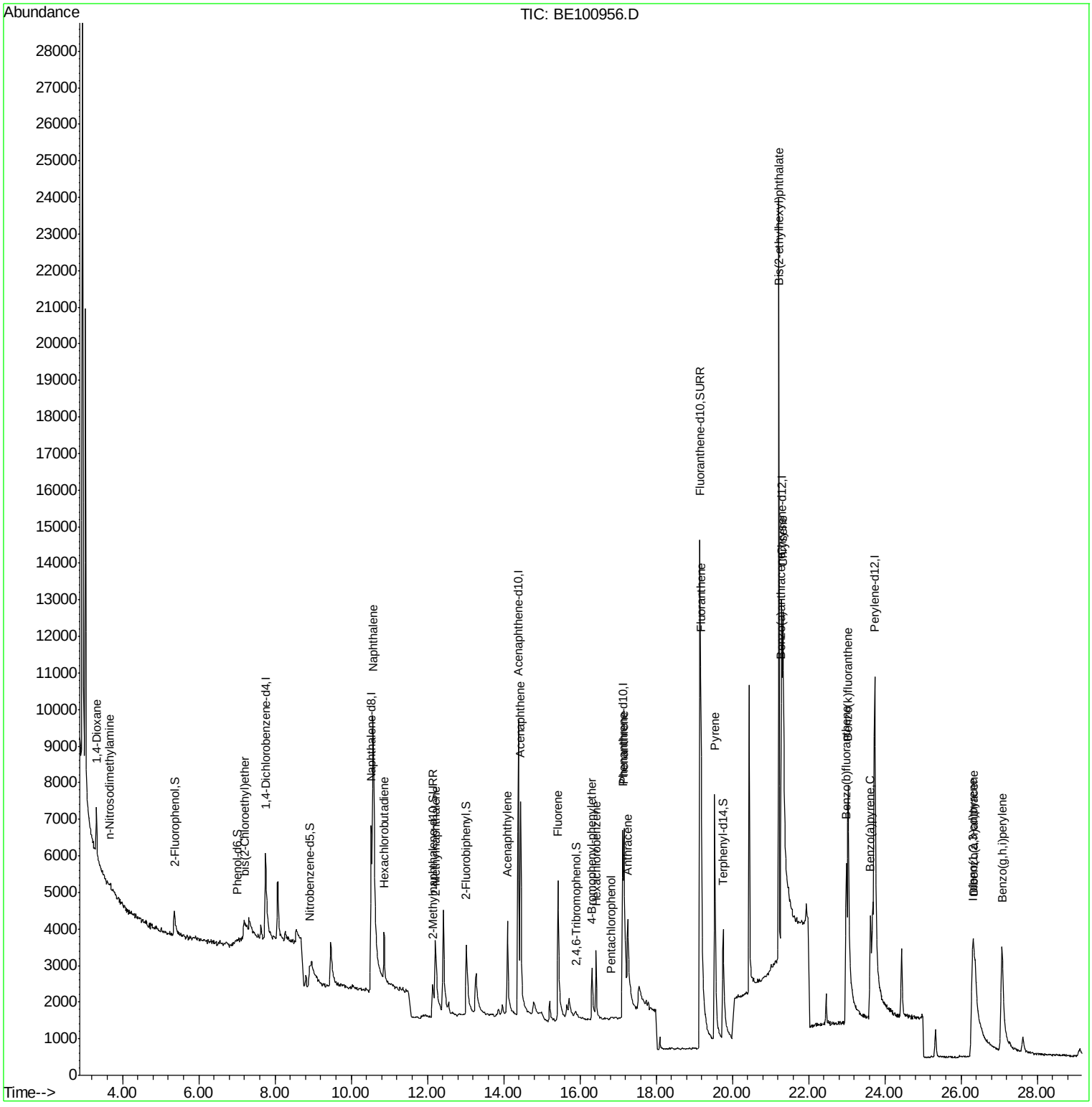
(#) = qualifier out of range (m) = manual integration (+) = signals summed

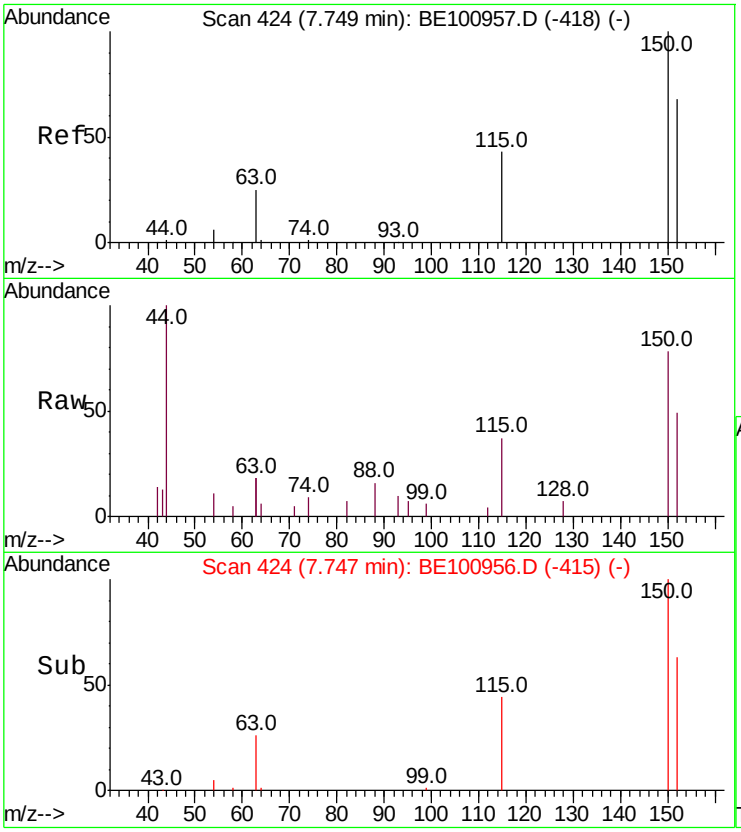
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100956.D
Acq On : 19 Dec 2019 21:27
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 00:34:49 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



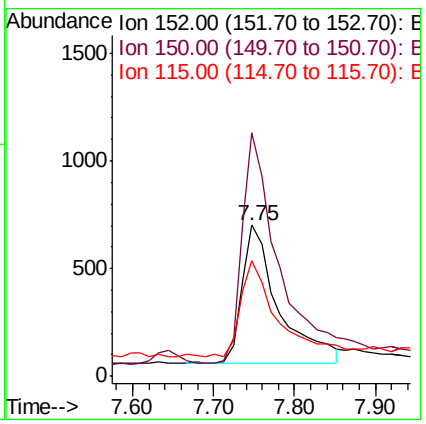


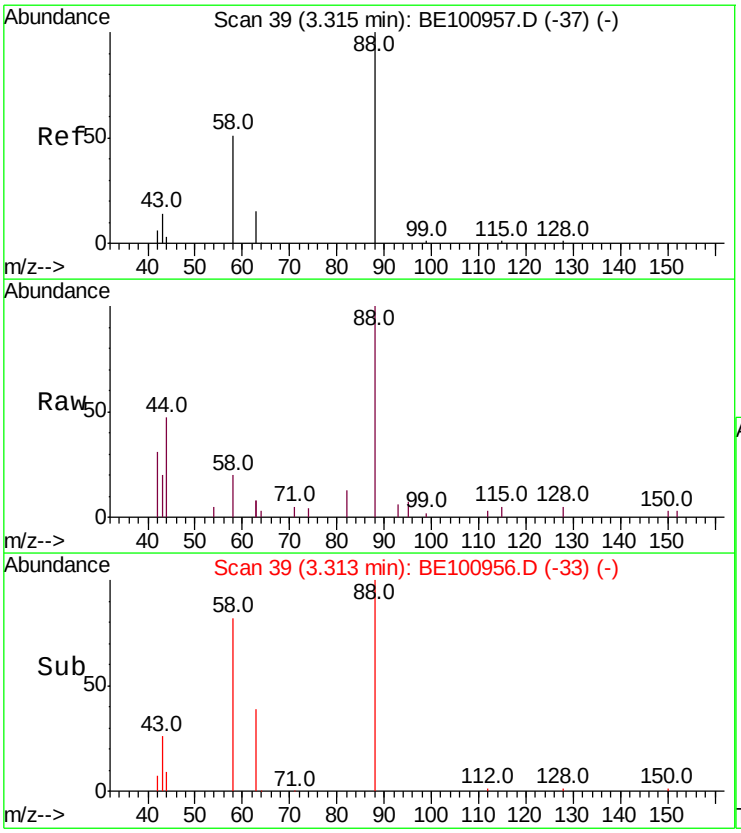
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2019

Ion	Ratio	Lower	Upper
152	100		
150	161.1	116.7	175.1
115	76.5	55.7	83.5

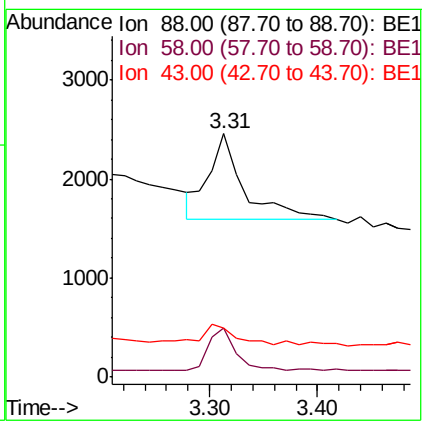


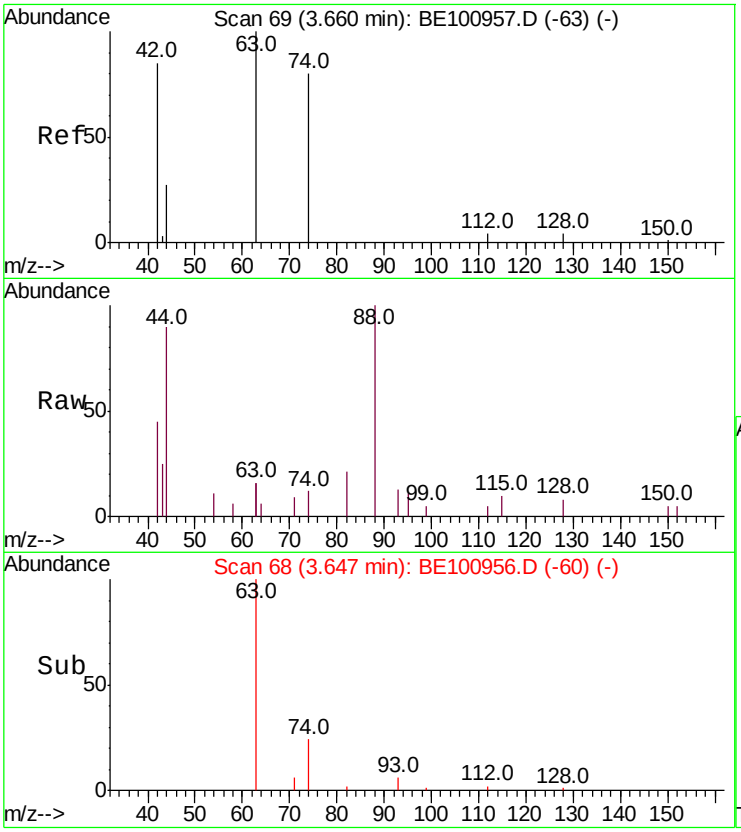


#2
1,4-Dioxane
Concen: 0.529 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion: 88 Resp: 1947

Ion	Ratio	Lower	Upper
88	100		
58	38.4	38.6	57.8#
43	20.3	20.5	30.7#



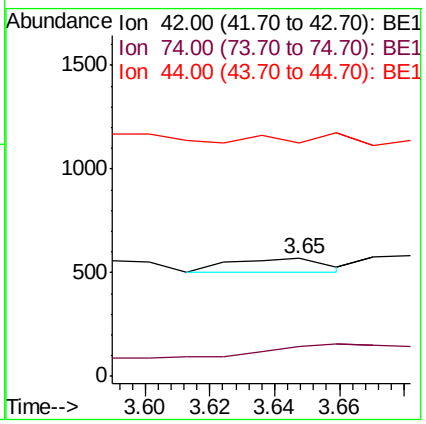


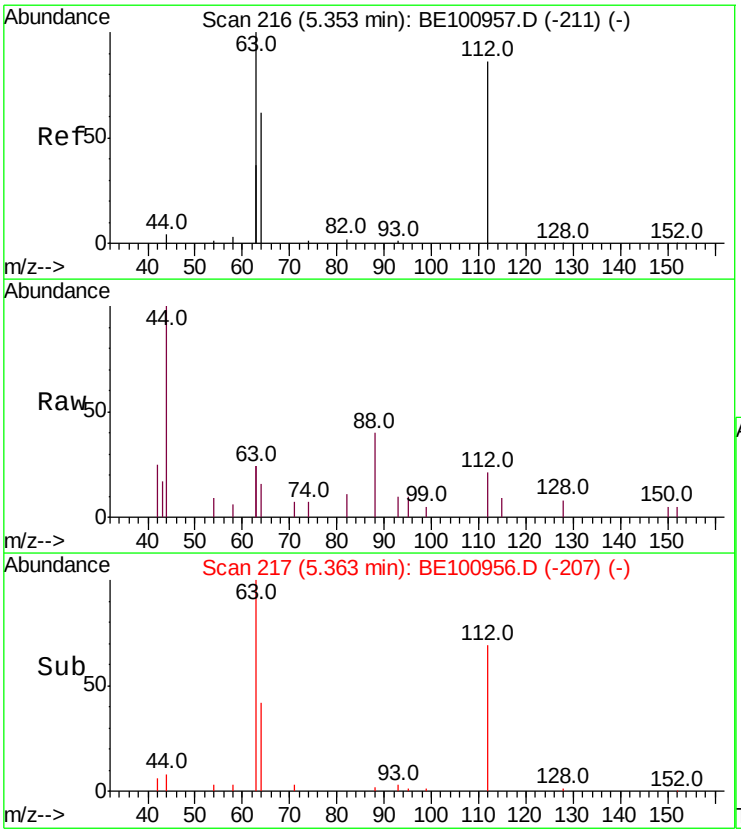
#3
n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 129

Ion	Ratio	Lower	Upper
42	100		
74	231.8	77.8	116.6#
44	68.2	0.0	0.0#

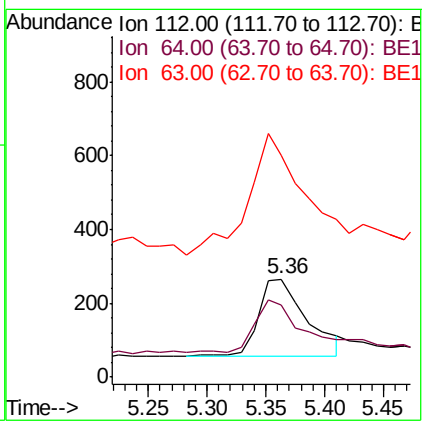


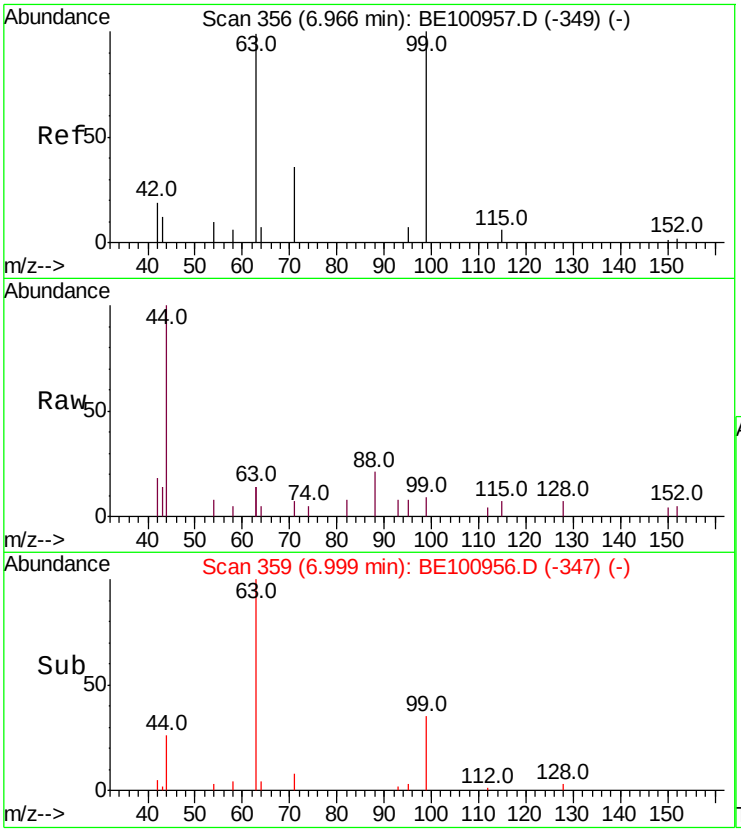


#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:112 Resp: 587

Ion	Ratio	Lower	Upper
112	100		
64	67.0	58.6	88.0
63	183.6	121.0	181.6#



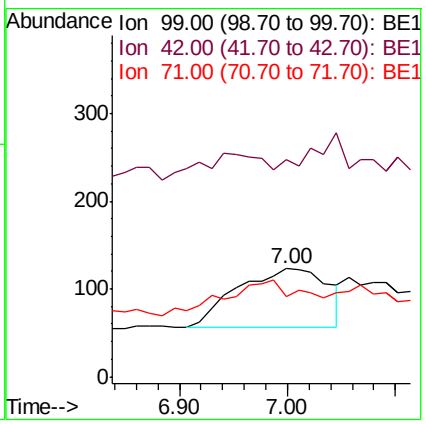


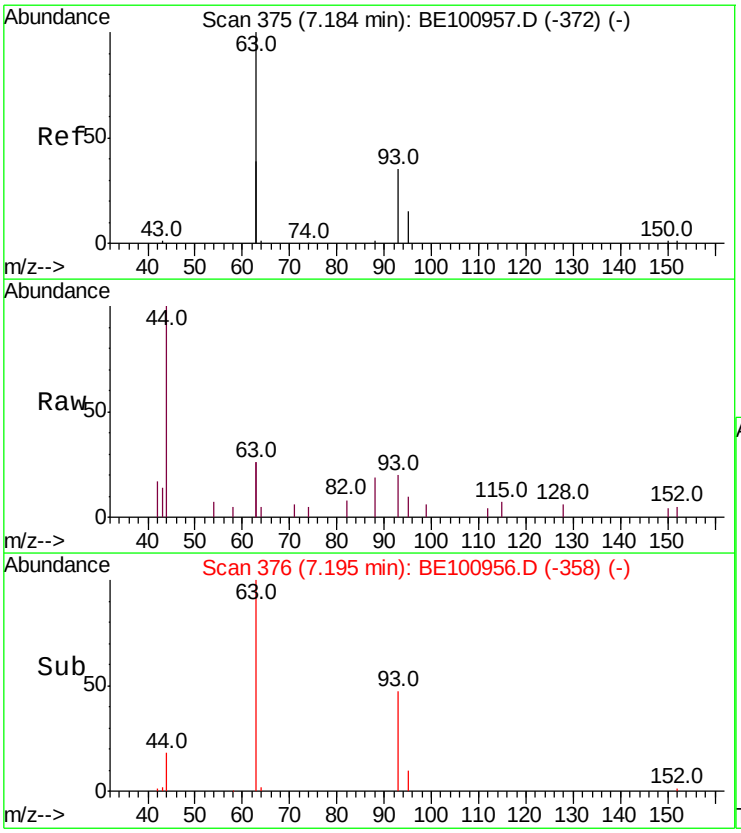
#5
Phenol-d6
Concen: 0.054 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.03 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 394

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.2	15.2#
71	51.3	0.0	0.0#

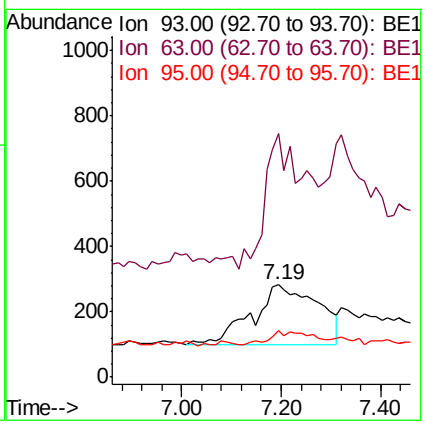


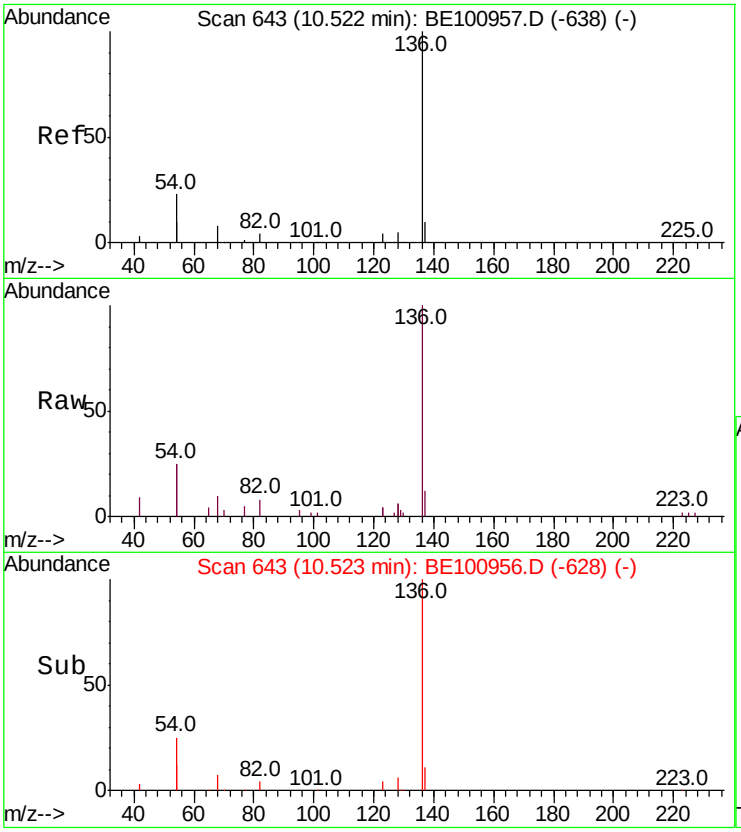


#6
bis(2-Chloroethyl)ether
Concen: 0.244 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion: 93 Resp: 1705

Ion	Ratio	Lower	Upper
93	100		
63	103.3	209.4	314.2#
95	5.5	28.6	42.8#



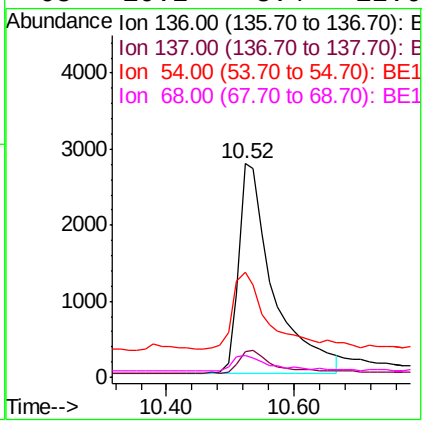


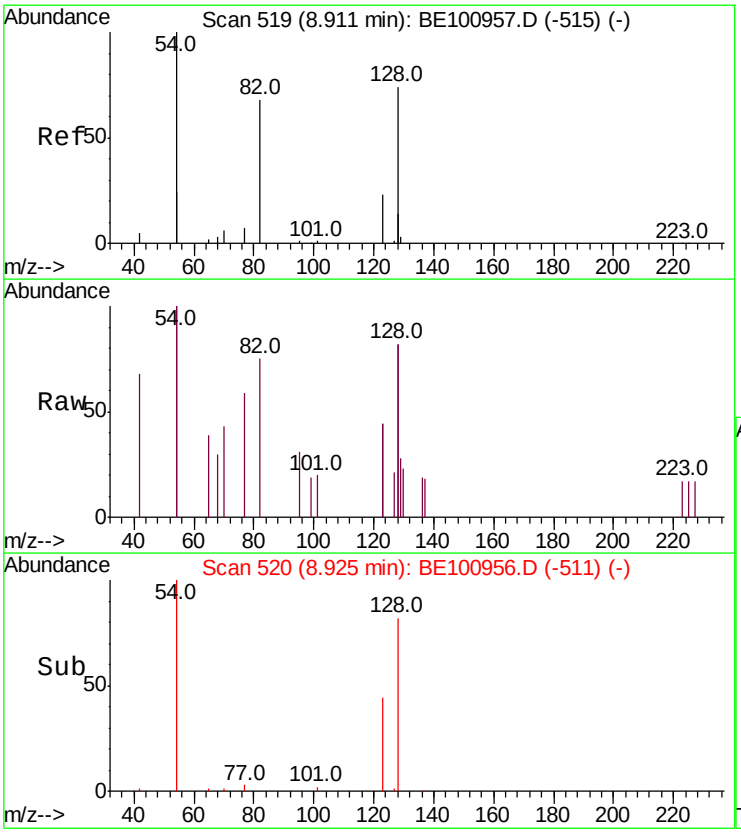
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10441

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	49.4	36.2	54.4
68	10.2	8.4	12.6

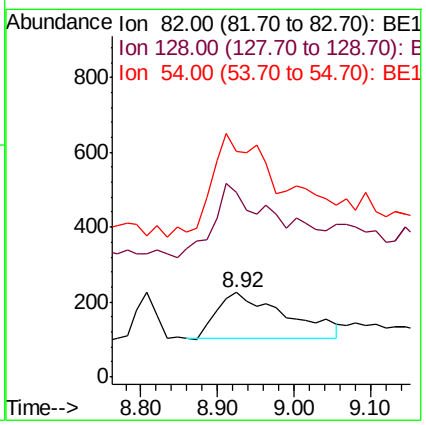


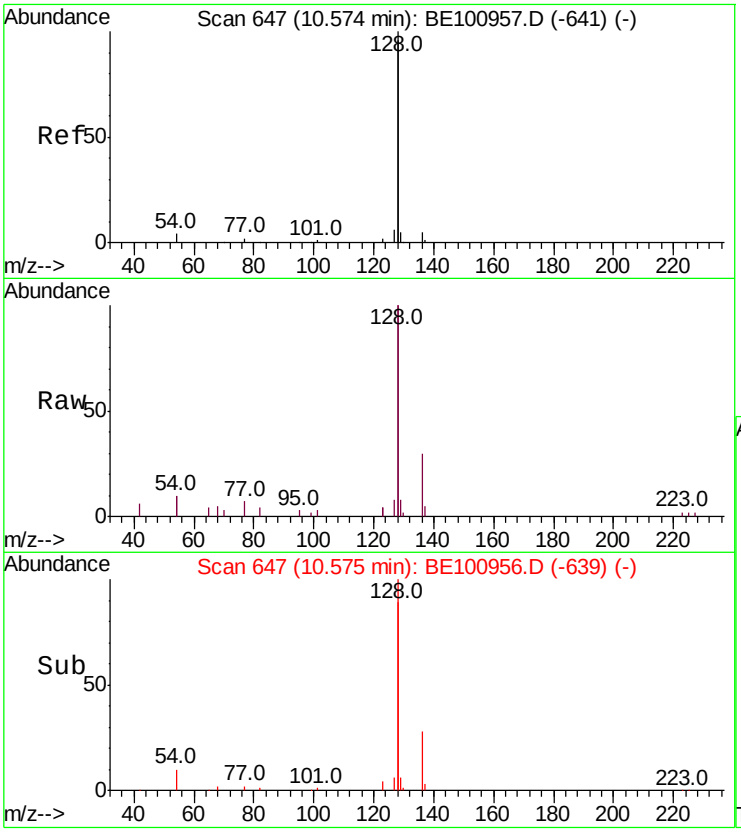


#8
Nitrobenzene-d5
Concen: 0.154 ng
RT: 8.92 min Scan# 520
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion: 82 Resp: 768

Ion	Ratio	Lower	Upper
82	100		
128	218.7	135.0	202.6#
54	267.6	182.6	274.0



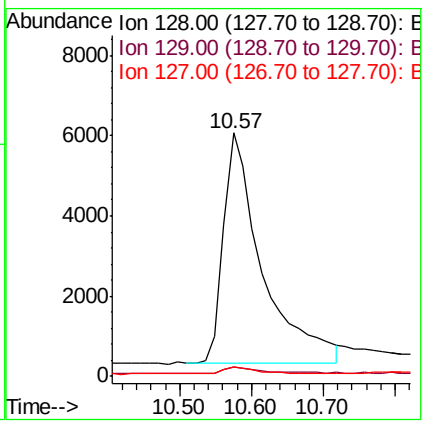


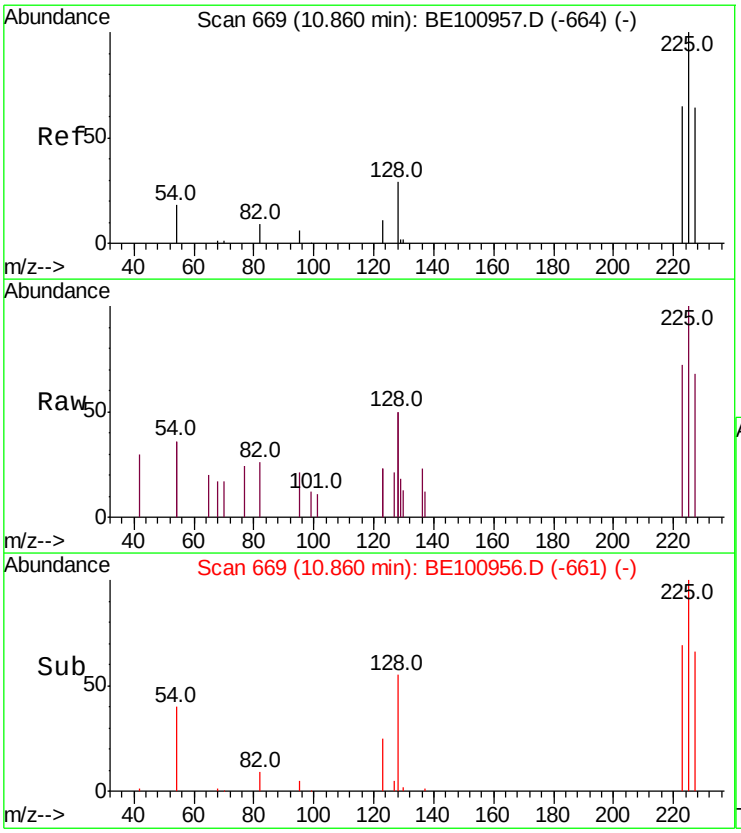
#9
Naphthalene
Concen: 0.194 ng
RT: 10.57 min Scan# 647
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 21552

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.5	3.7#
127	3.9	2.7	4.1

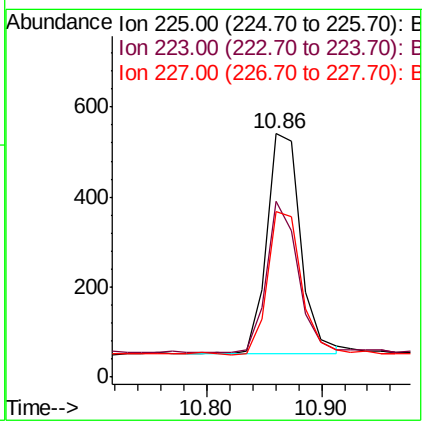


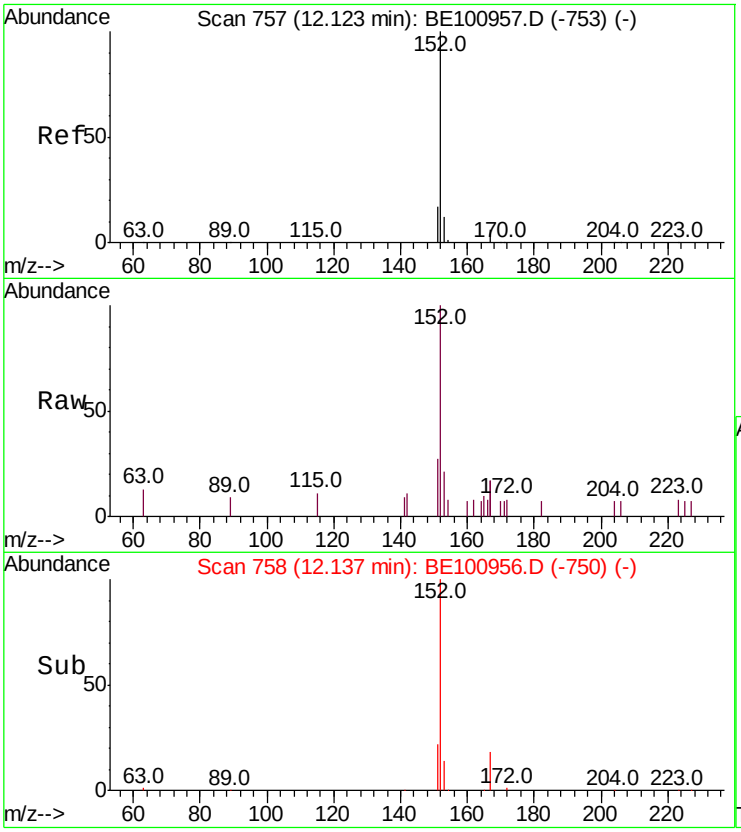


#10
Hexachlorobutadiene
Concen: 0.235 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:225 Resp: 1018

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.2
227	65.1	50.3	75.5



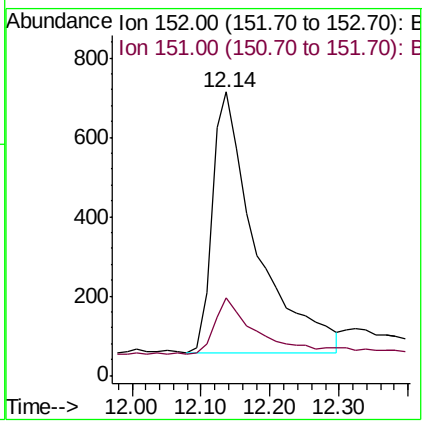


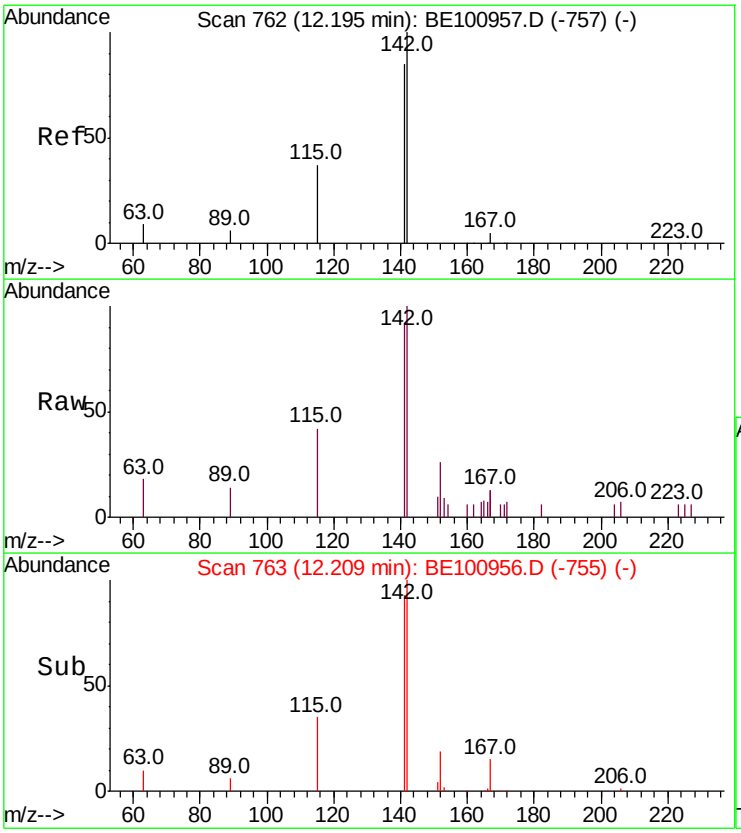
#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2944

Ion	Ratio	Lower	Upper
152	100		
151	22.4	15.0	22.4

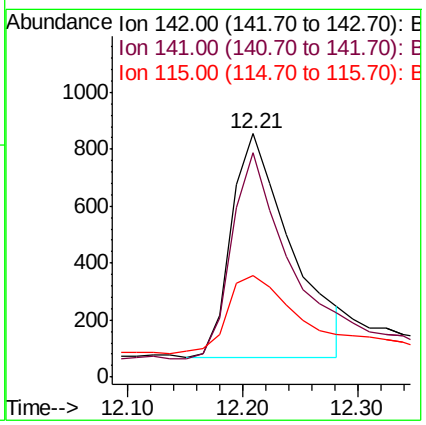


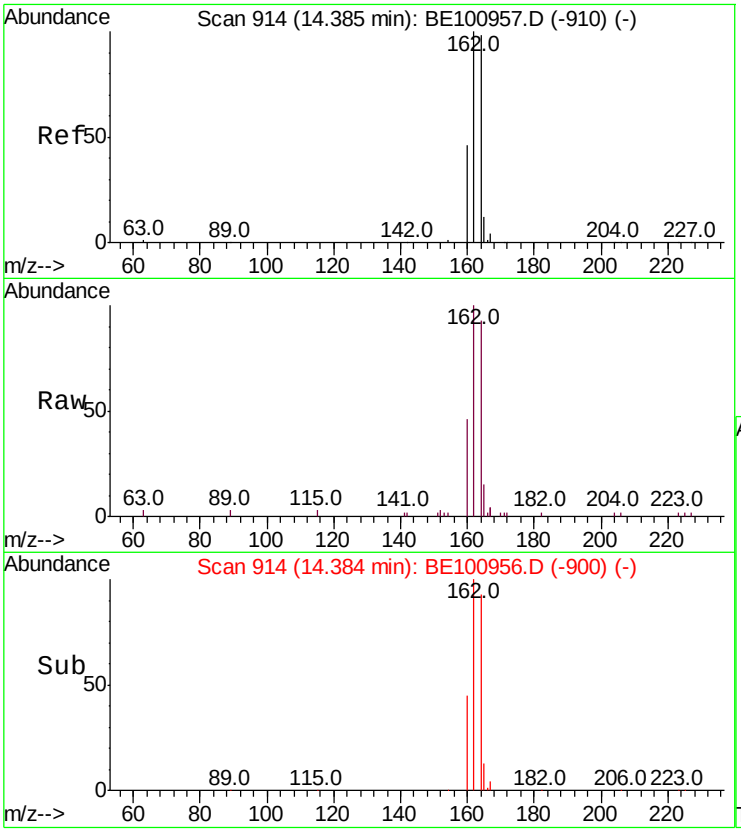


#12
2-Methylnaphthalene
Concen: 0.163 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:142 Resp: 2826

Ion	Ratio	Lower	Upper
142	100		
141	92.3	67.8	101.8
115	41.8	31.7	47.5



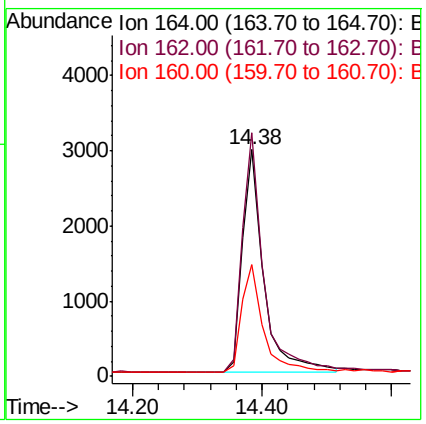


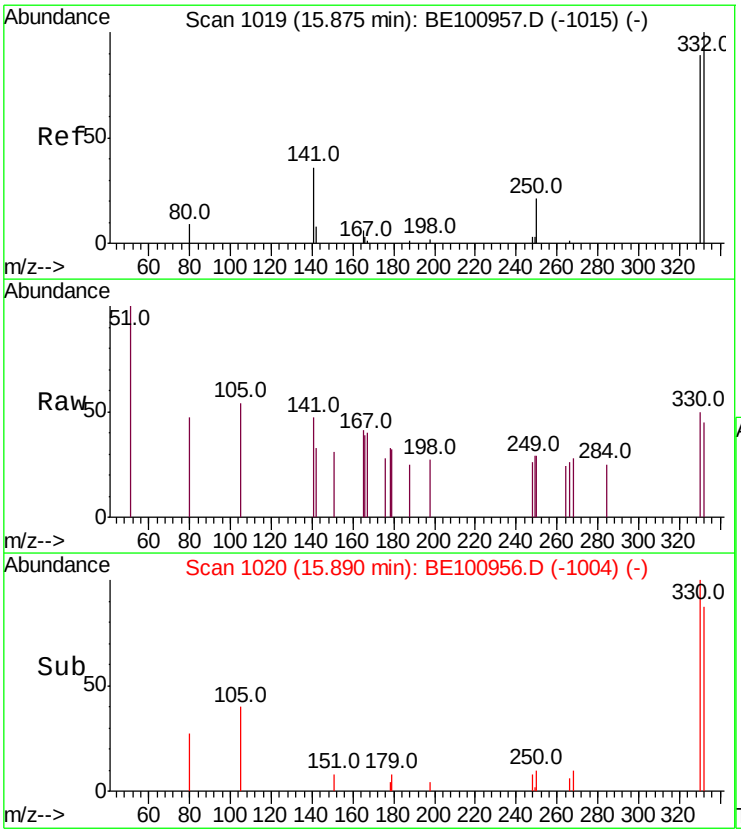
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6737

Ion	Ratio	Lower	Upper
164	100		
162	107.5	81.6	122.4
160	49.6	38.5	57.7

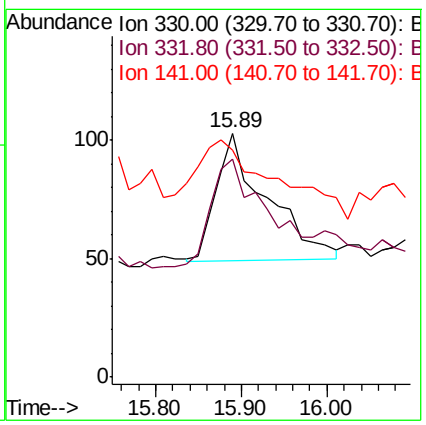


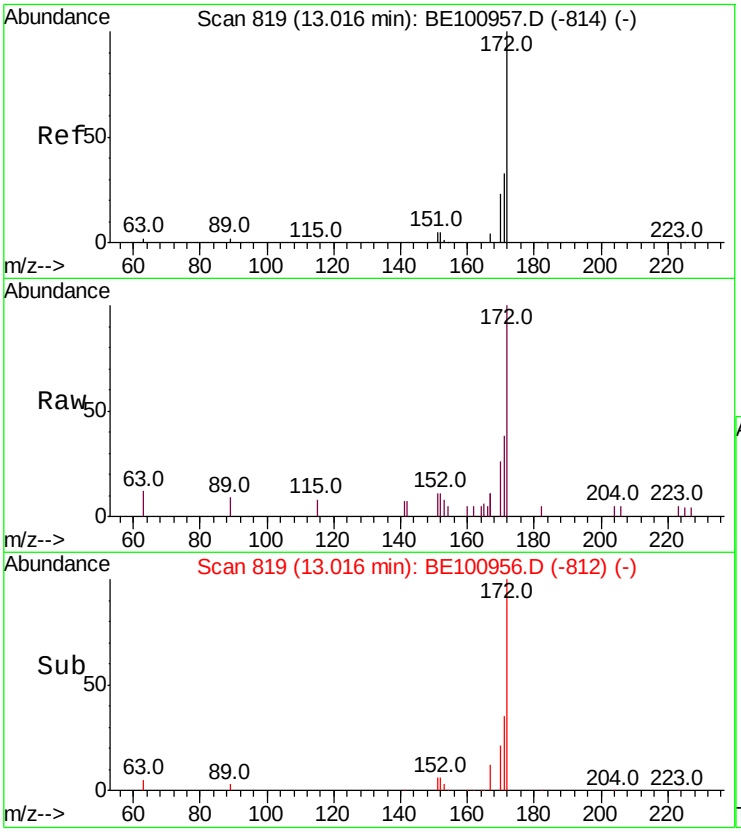


#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.89 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	95.4	84.2	126.2
141	95.9	39.3	58.9#



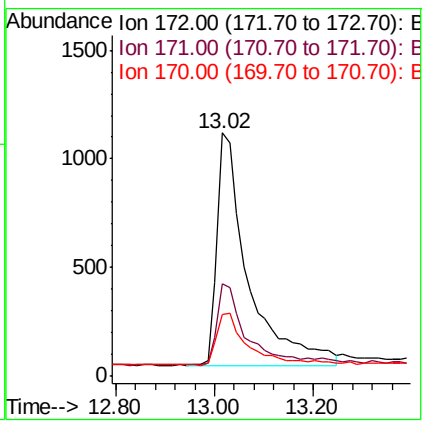


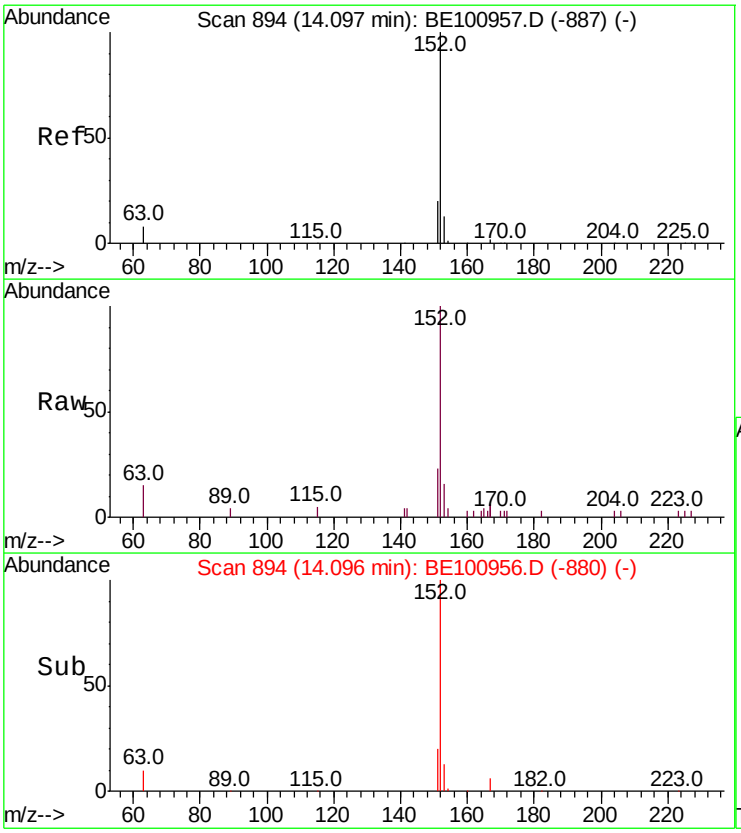
#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4649

Ion	Ratio	Lower	Upper
172	100		
171	38.2	27.5	41.3
170	25.5	19.8	29.6

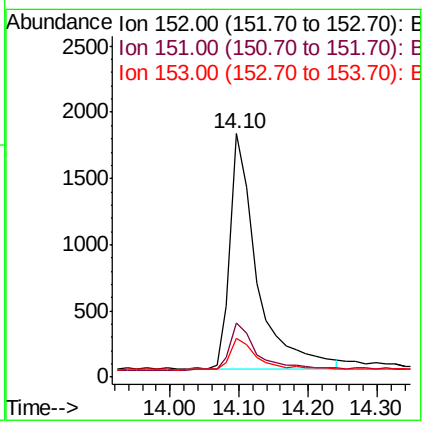


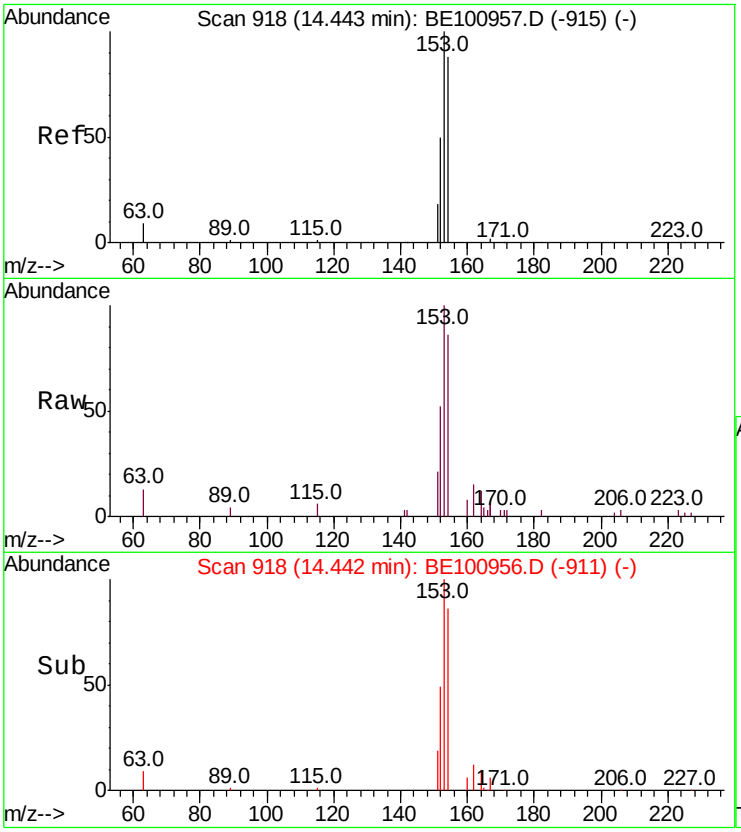


#16
Acenaphthylene
Concen: 0.172 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:152 Resp: 4791

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.0	22.4
153	14.1	10.6	16.0



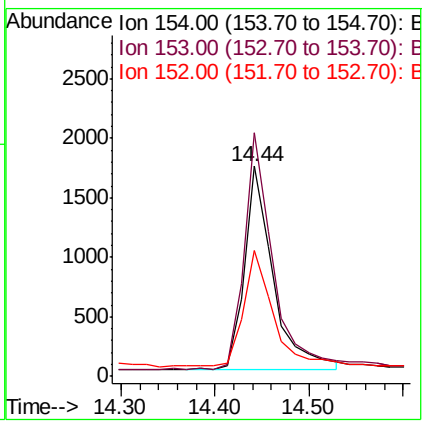


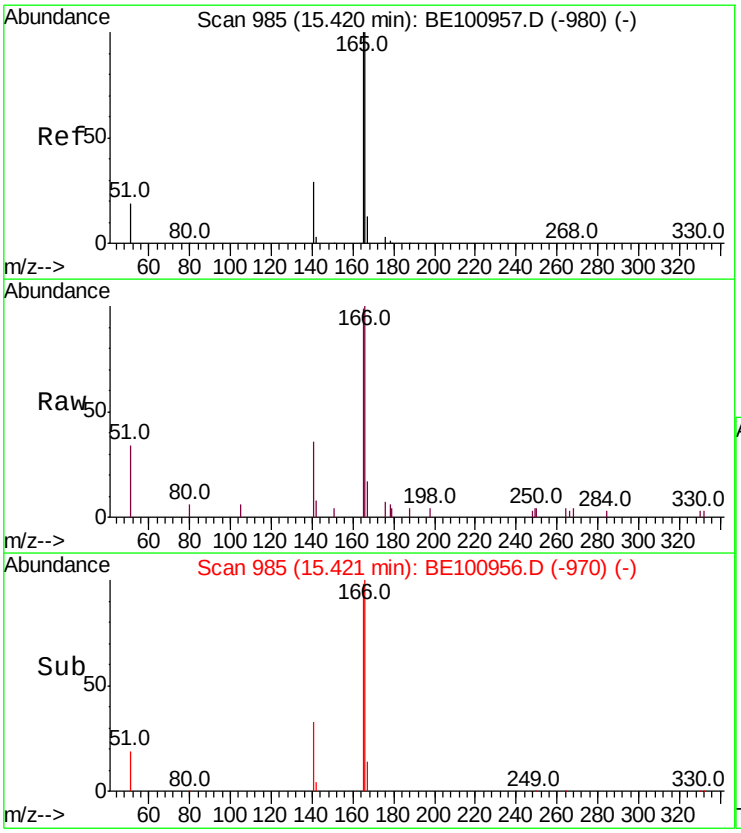
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3609

Ion	Ratio	Lower	Upper
154	100		
153	116.3	92.3	138.5
152	58.2	46.4	69.6

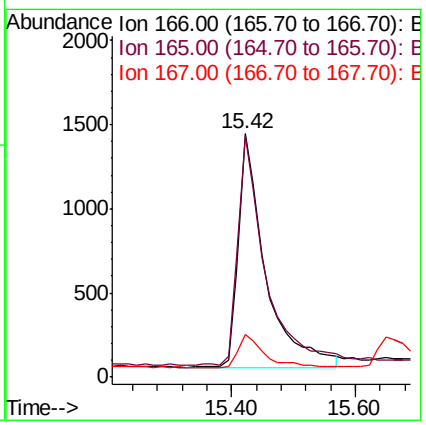


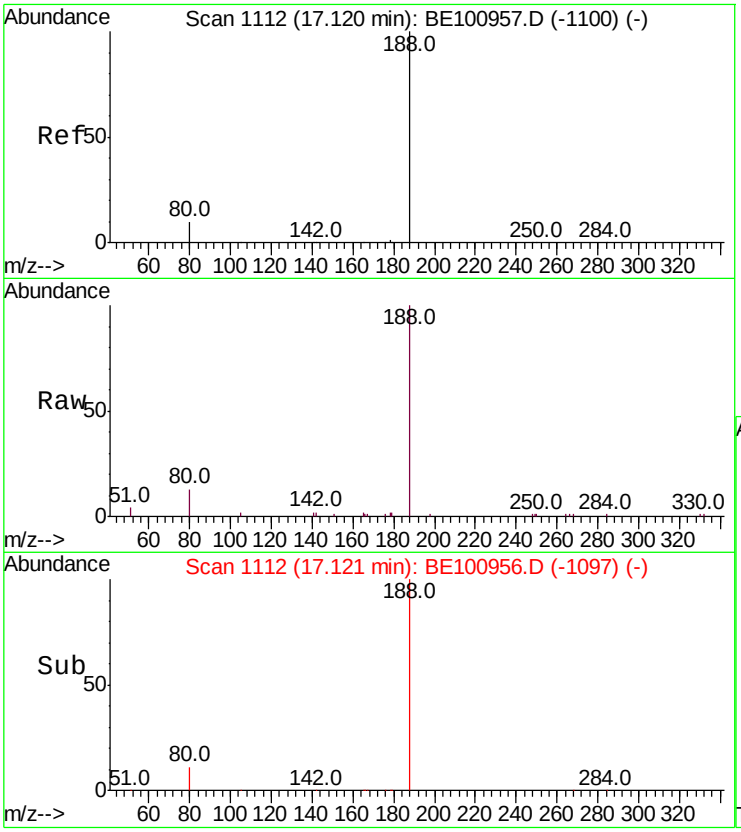


#18
Fluorene
Concen: 0.171 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:166 Resp: 4239

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.4
167	14.4	10.6	16.0



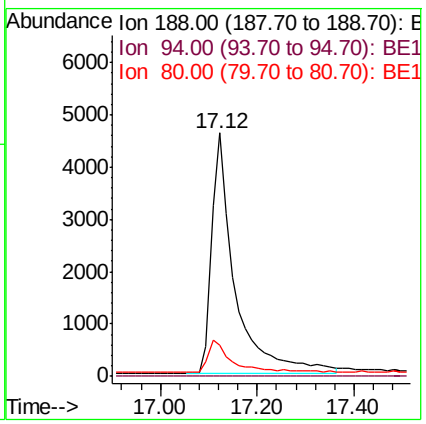


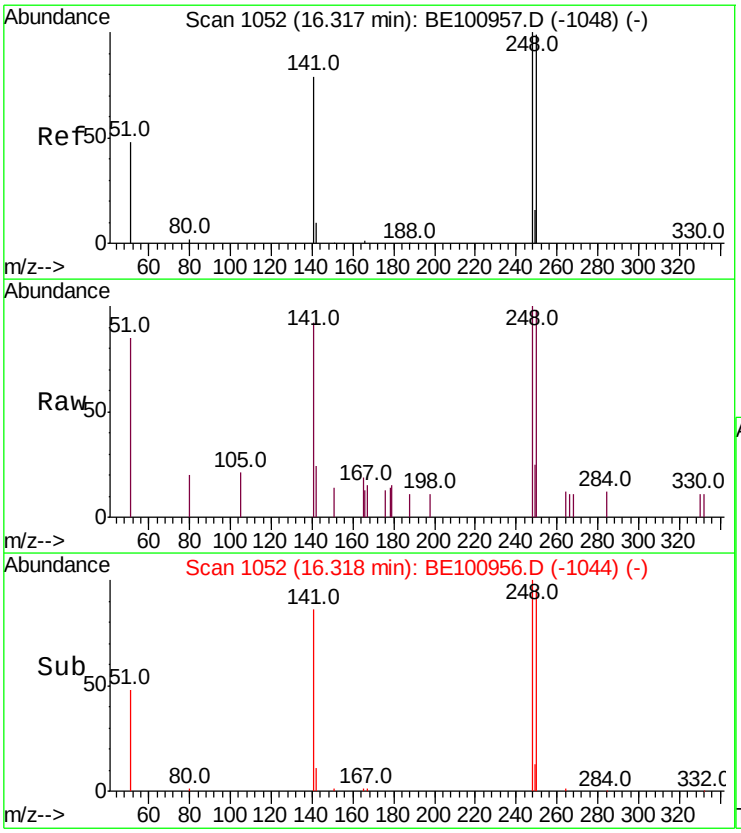
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 15345

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	9.5	14.3

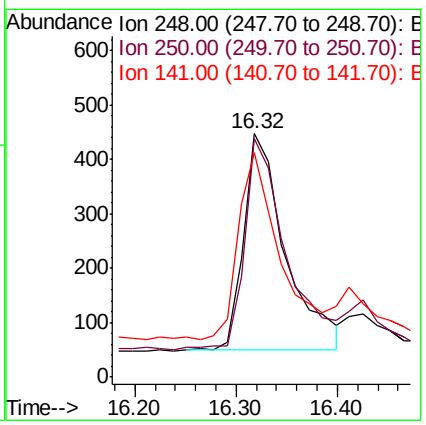


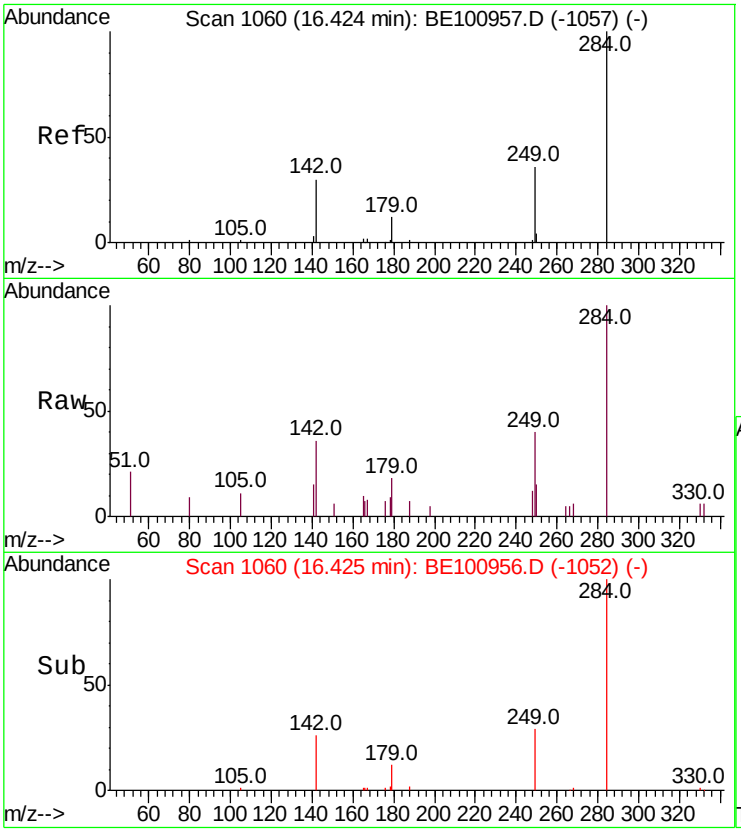


#20
4-Bromophenyl-phenylether
Concen: 0.151 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:248 Resp: 1136

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.5	119.3
141	92.2	66.6	100.0



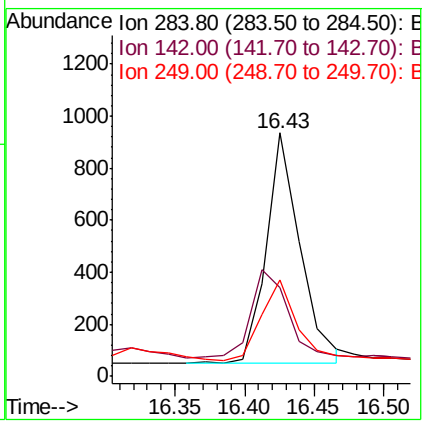


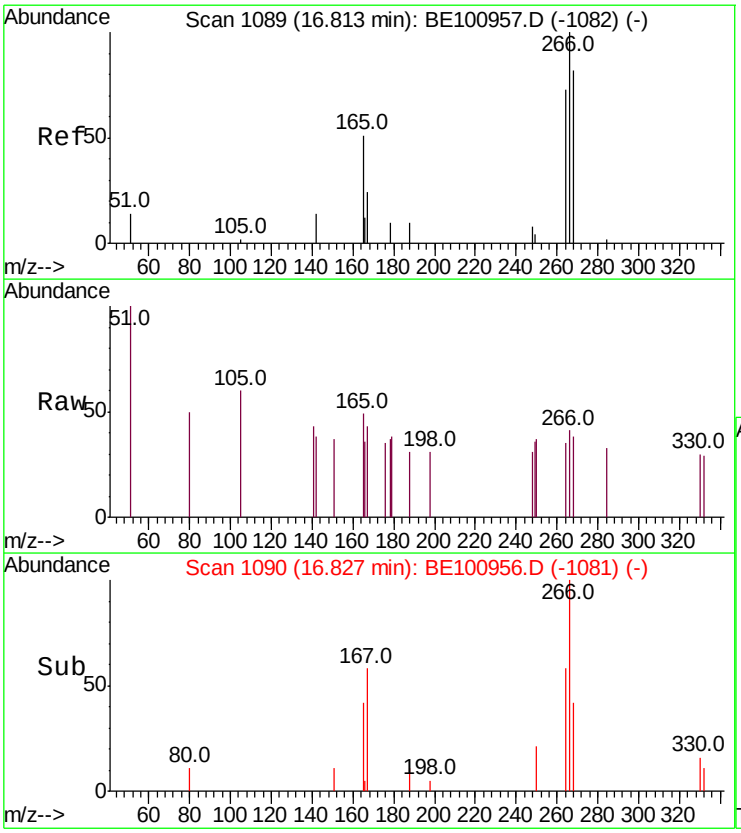
#21
Hexachlorobenzene
Concen: 0.184 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1505

Ion	Ratio	Lower	Upper
284	100		
142	40.8	33.8	50.6
249	36.2	26.7	40.1

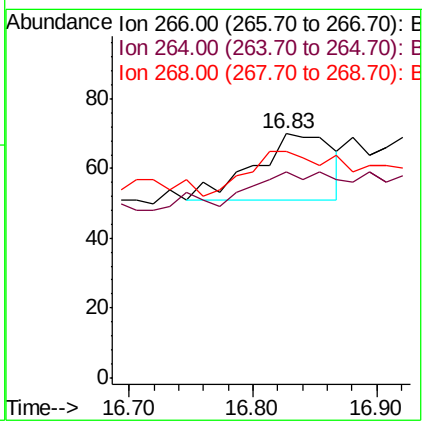


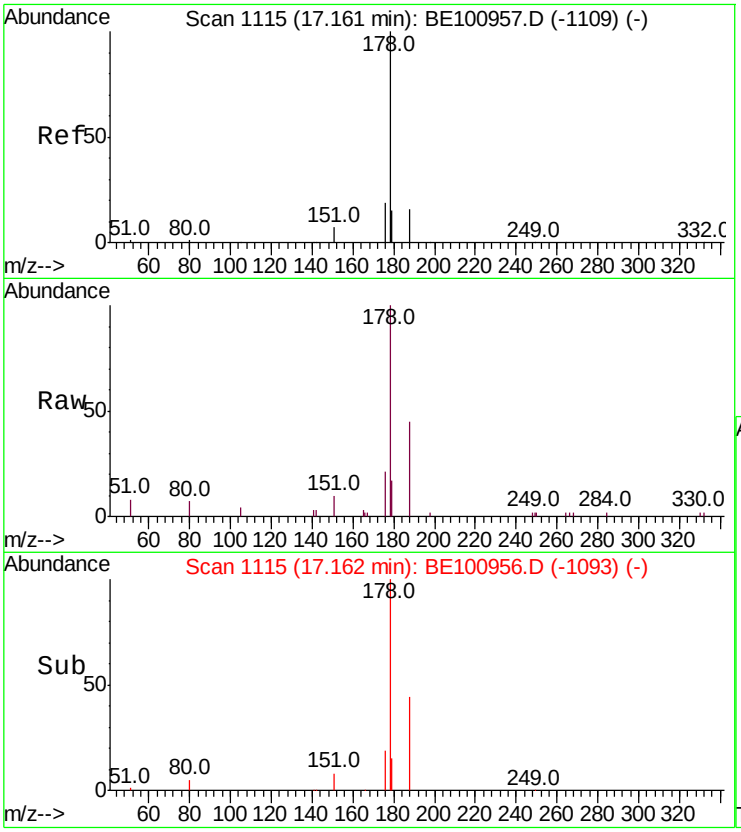


#22
Pentachlorophenol
Concen: 0.148 ng
RT: 16.83 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:266 Resp: 84

Ion	Ratio	Lower	Upper
266	100		
264	84.3	64.5	96.7
268	92.9	74.6	111.8



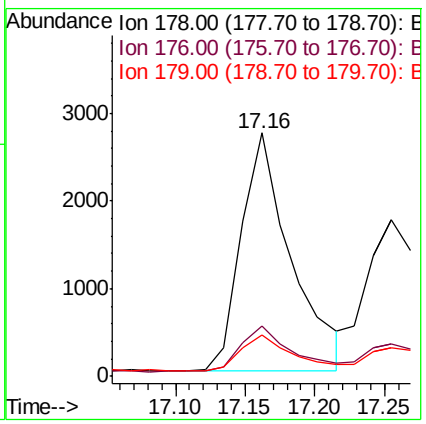


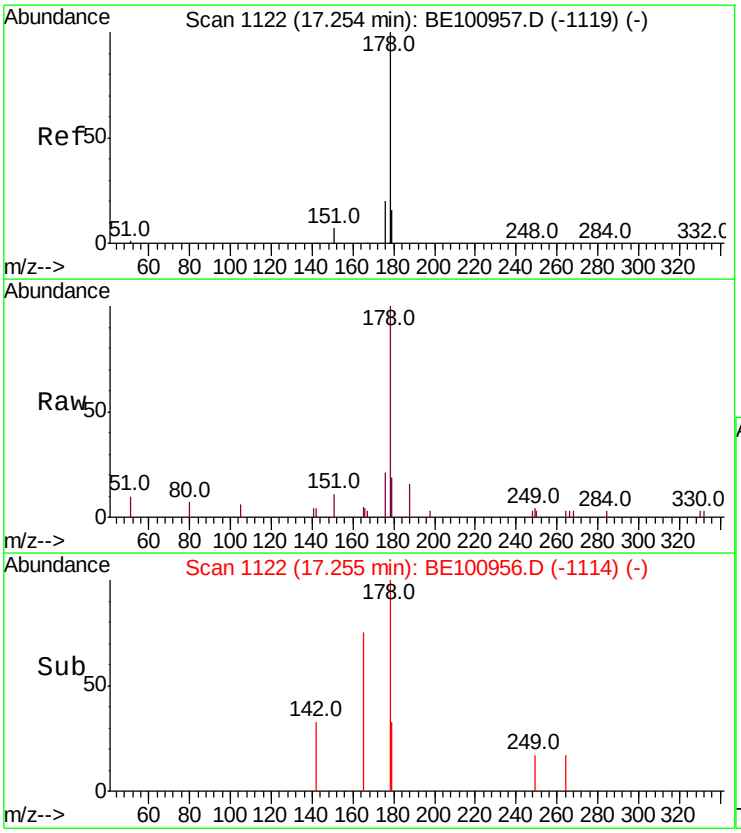
#23
Phenanthrene
Concen: 0.145 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6760

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.1	12.5	18.7

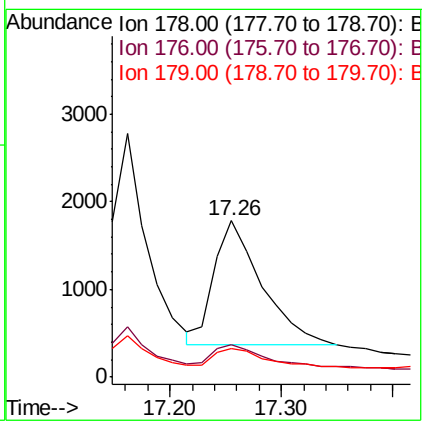


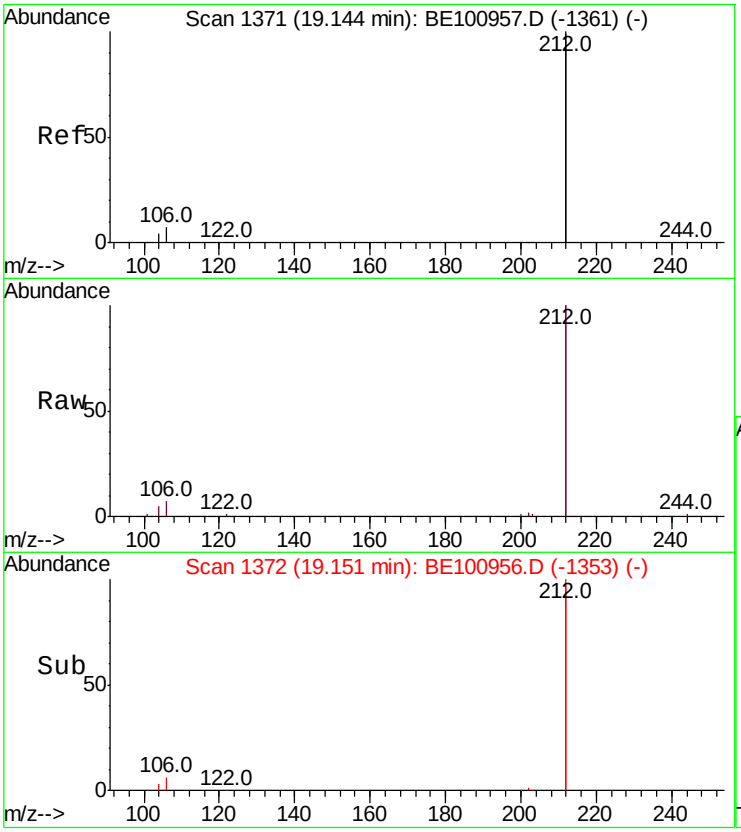


#24
Anthracene
Concen: 0.108 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:178 Resp: 4197

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.7	23.5
179	14.5	12.0	18.0



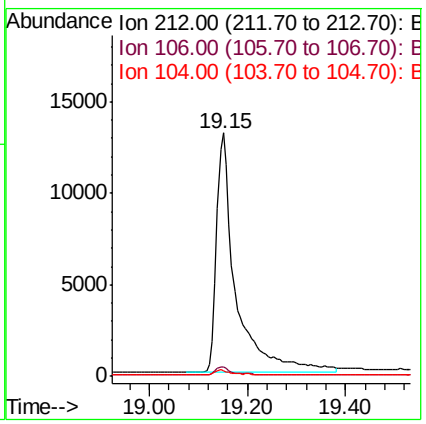


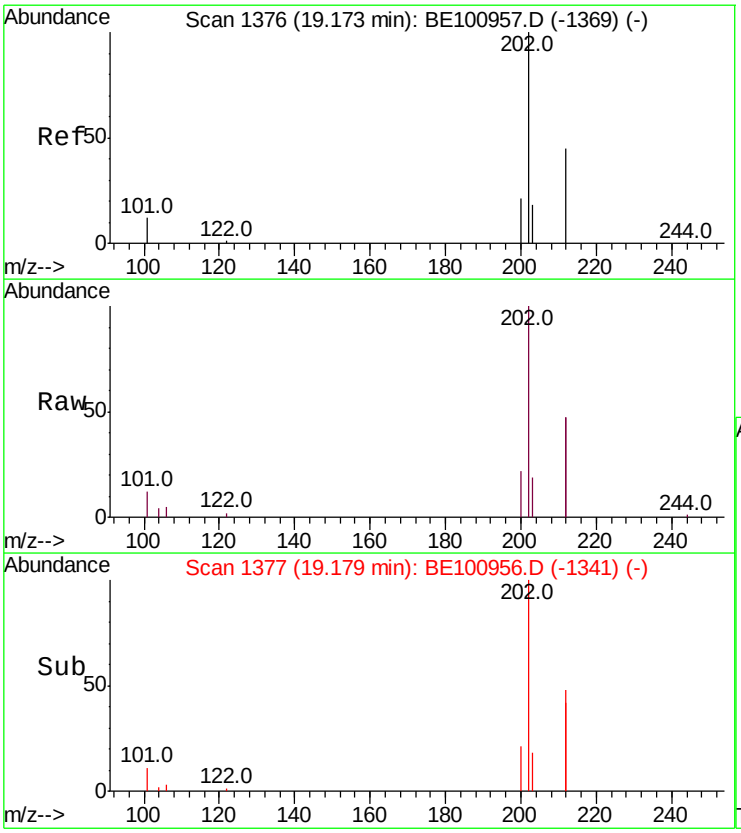
#25
Fluoranthene-d10
Concen: 0.201 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 36437

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.6	1.4	2.2

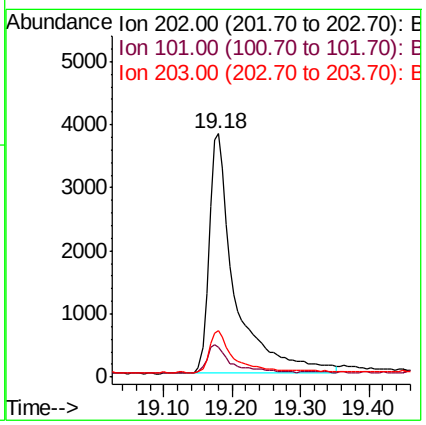


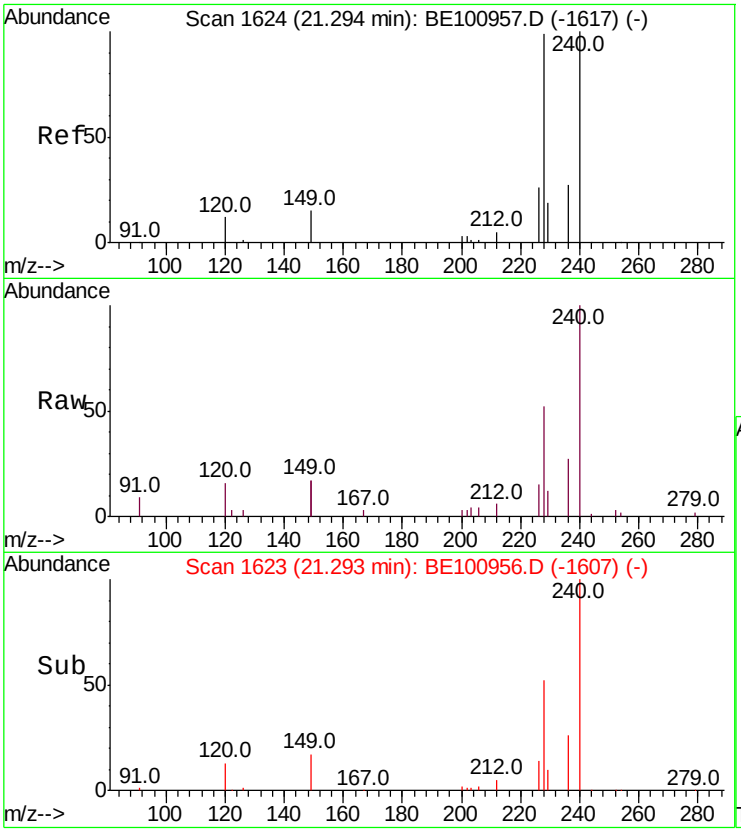


#26
Fluoranthene
Concen: 0.182 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:202 Resp: 10108

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.6
203	16.4	13.4	20.0



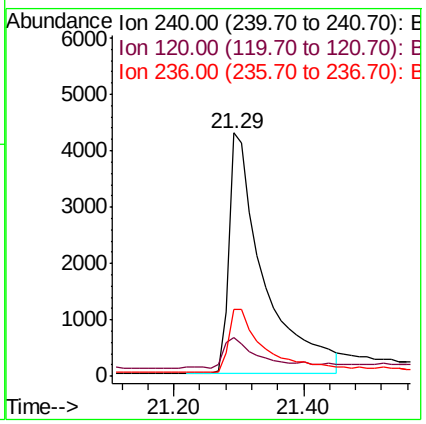


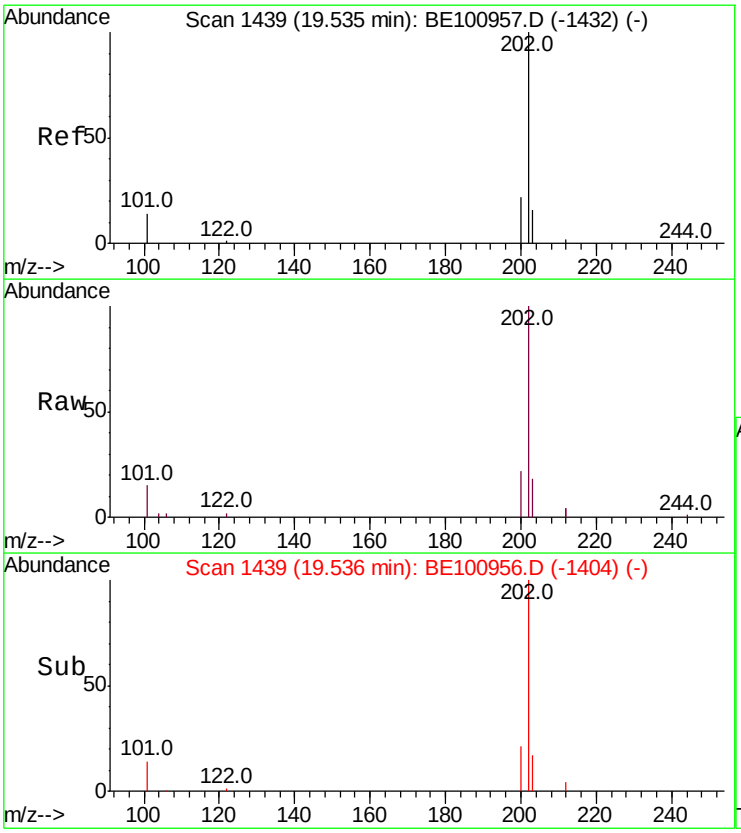
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15847

Ion	Ratio	Lower	Upper
240	100		
120	15.8	11.5	17.3
236	27.4	22.8	34.2

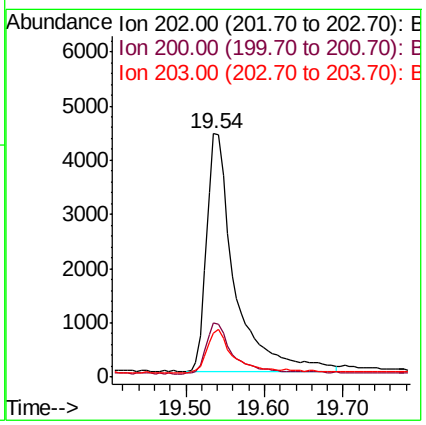


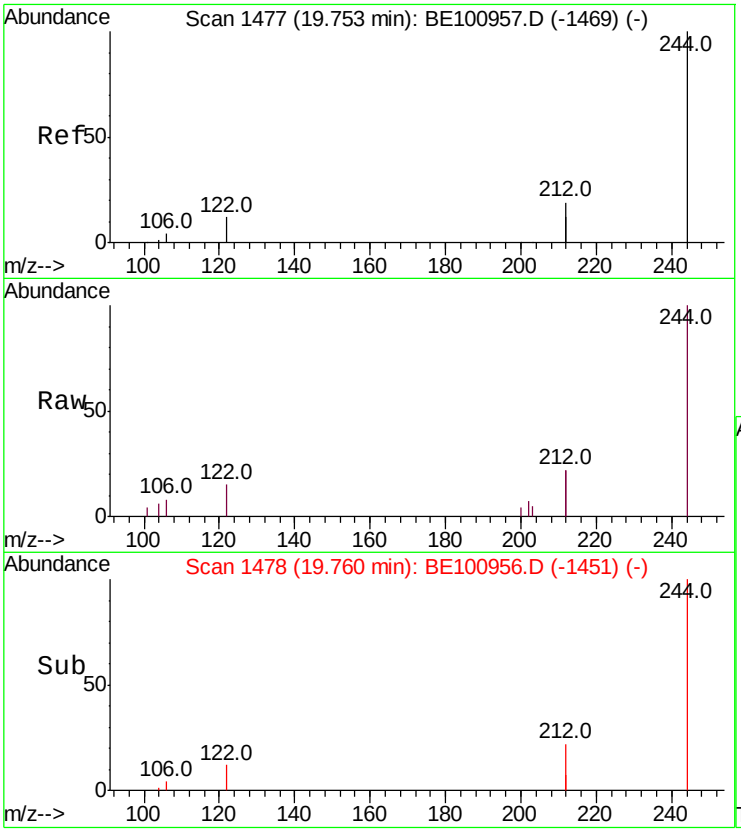


#28
Pyrene
Concen: 0.211 ng
RT: 19.54 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:202 Resp: 10877

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	16.9	13.8	20.8



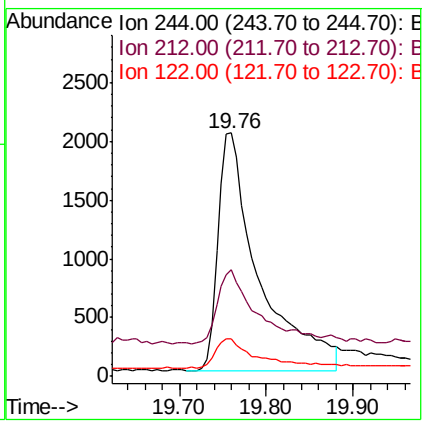


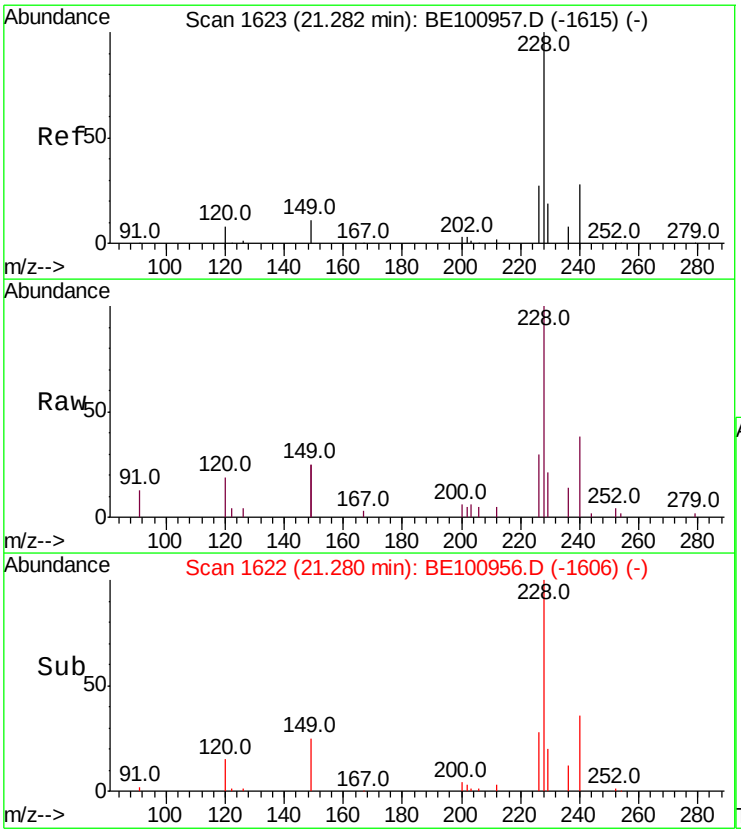
#29
Terphenyl-d14
Concen: 0.176 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6672

Ion	Ratio	Lower	Upper
244	100		
212	43.6	30.2	45.2
122	15.5	10.7	16.1

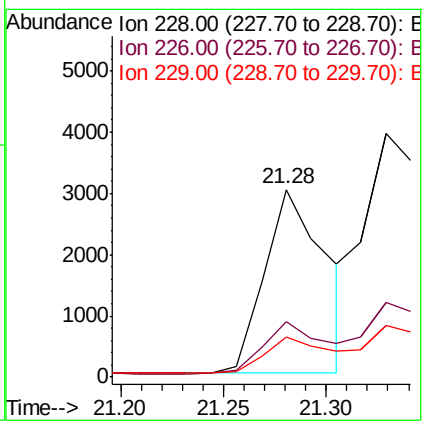


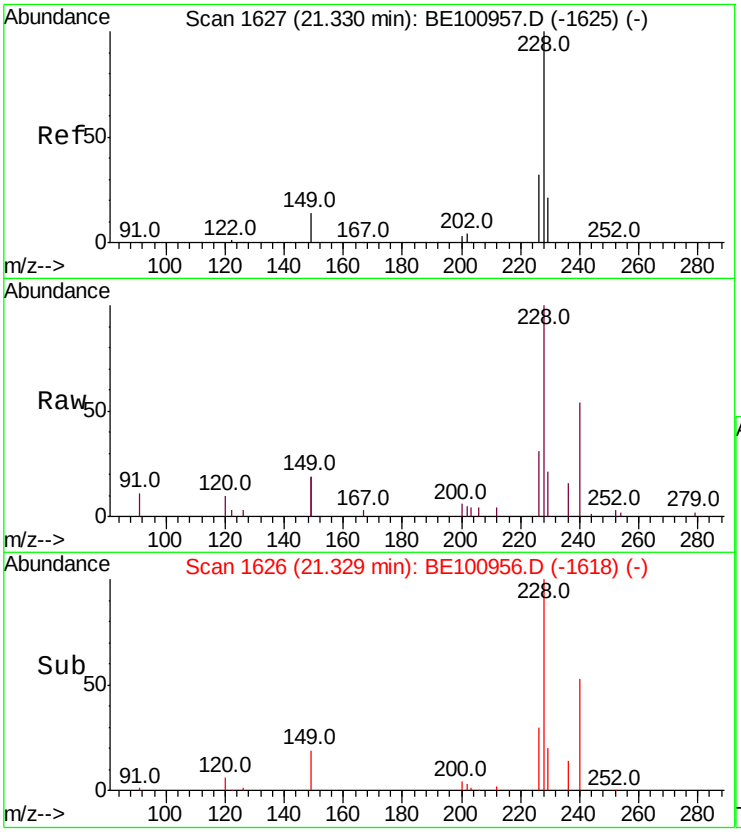


#30
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:228 Resp: 6223

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.9	32.9
229	21.5	15.9	23.9



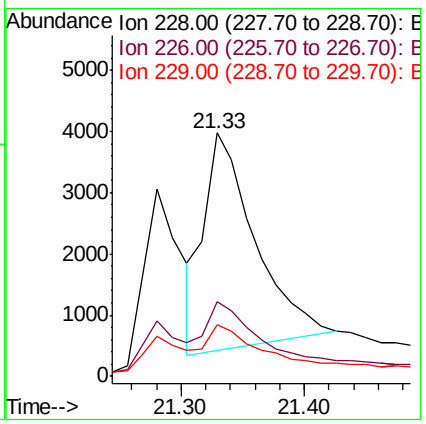


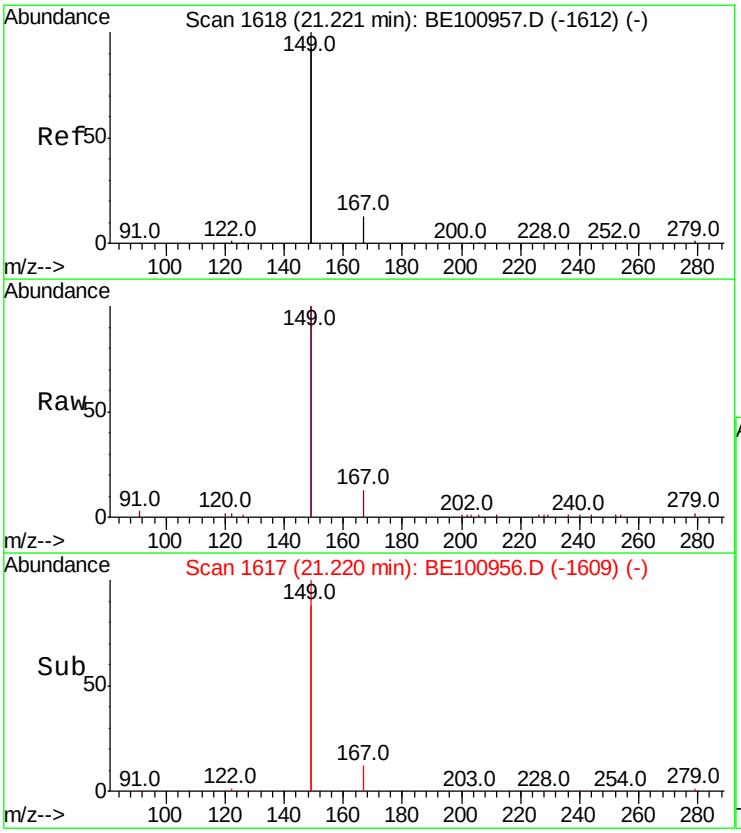
#31
Chrysene
Concen: 0.187 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10242

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.0	16.6	24.8

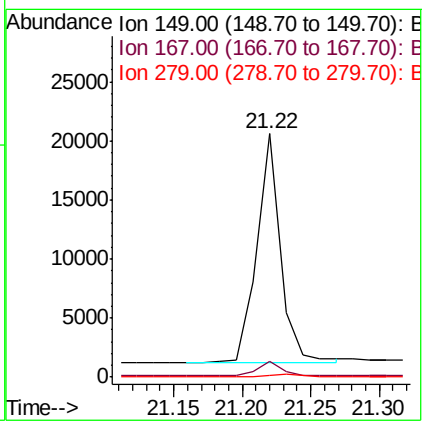


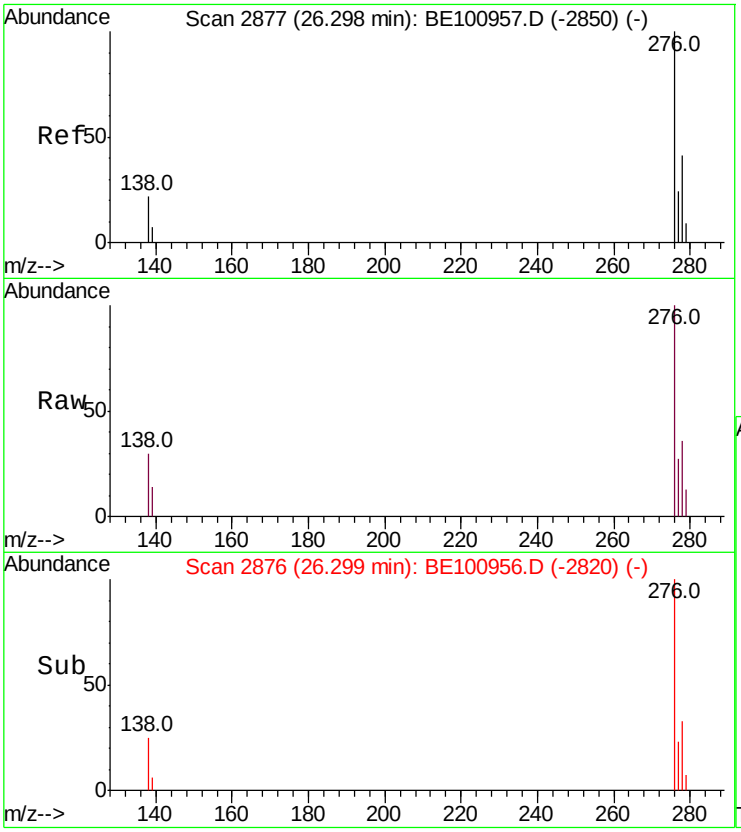


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.554 ng
RT: 21.22 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:149 Resp: 23441

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.9	0.7	1.1



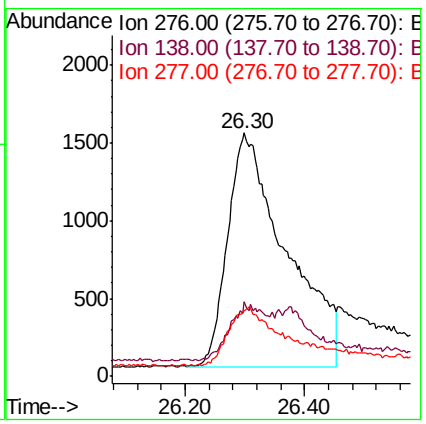


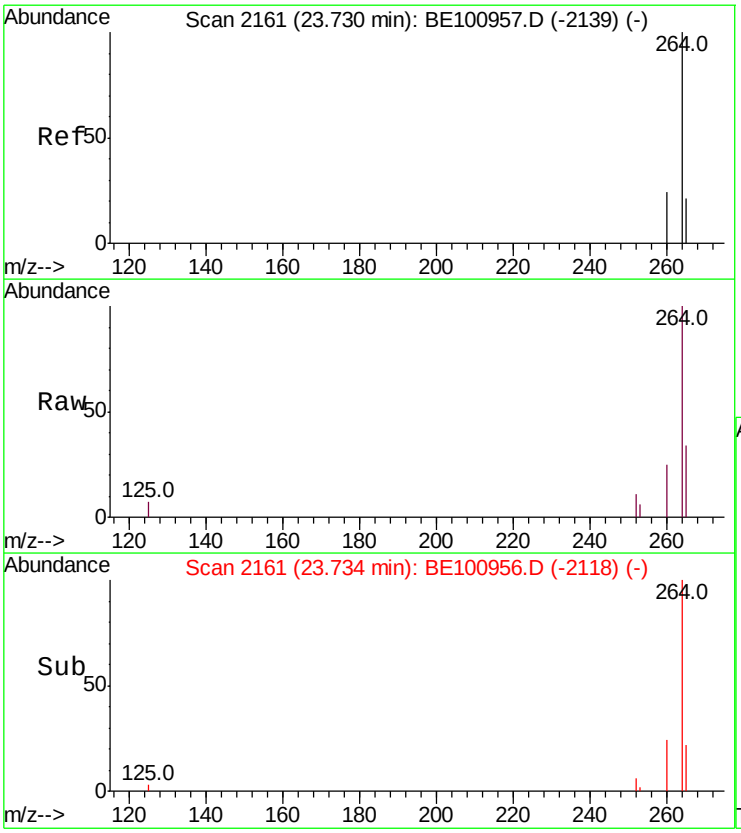
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng
RT: 26.30 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10206

Ion	Ratio	Lower	Upper
276	100		
138	8.3	9.0	13.4#
277	21.8	5.9	8.9#

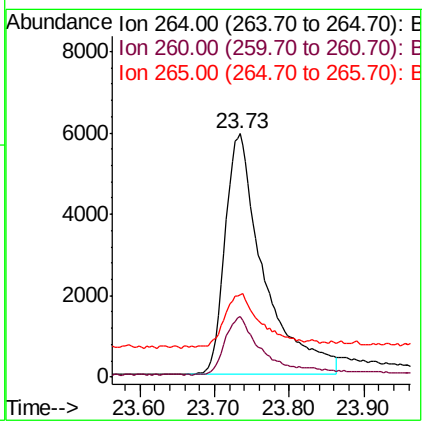


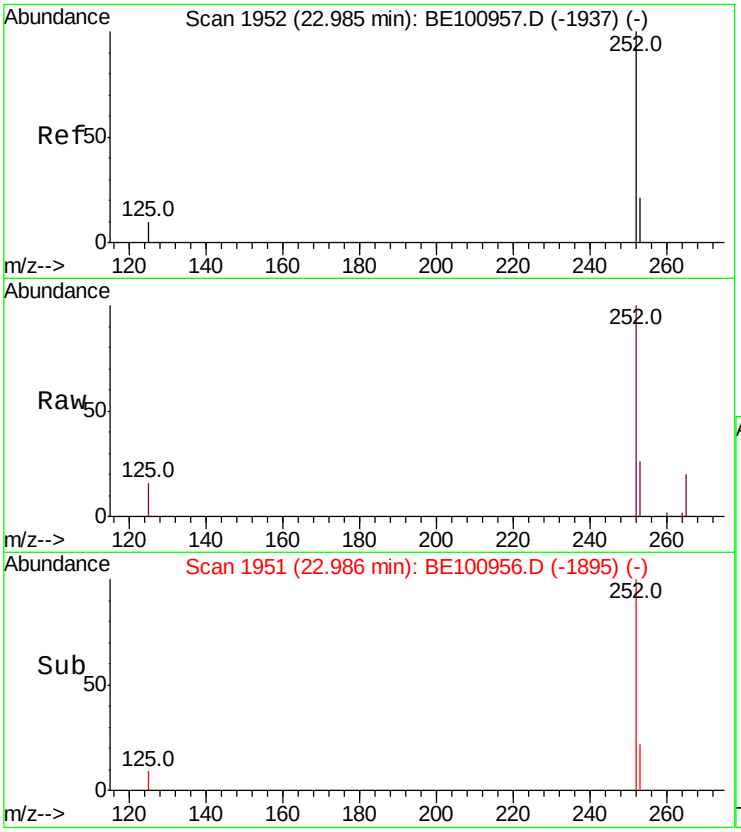


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:264 Resp: 21199

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	34.0	26.4	39.6



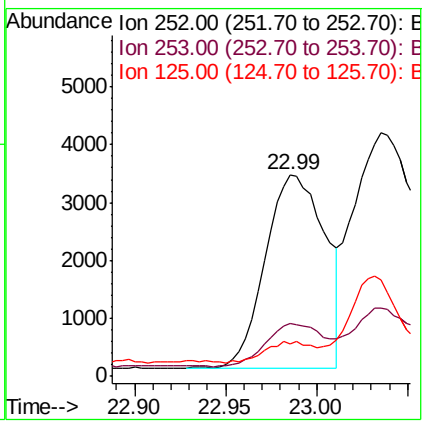


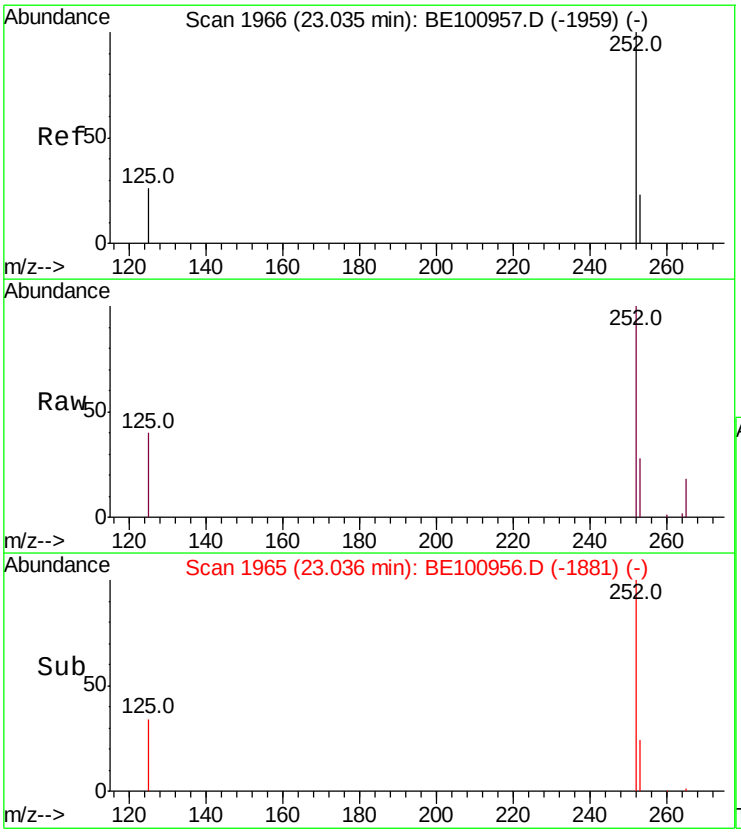
#35
Benzo(b)fluoranthene
Concen: 0.131 ng
RT: 22.99 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7592

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.6	27.8
125	15.9	10.2	15.2#

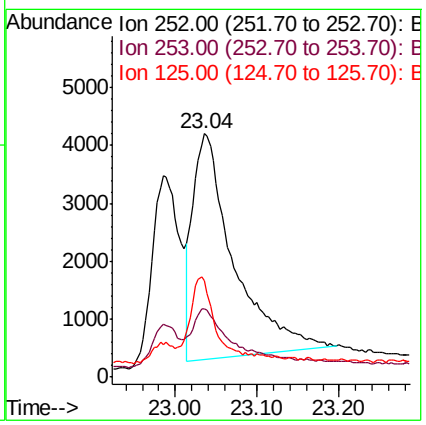


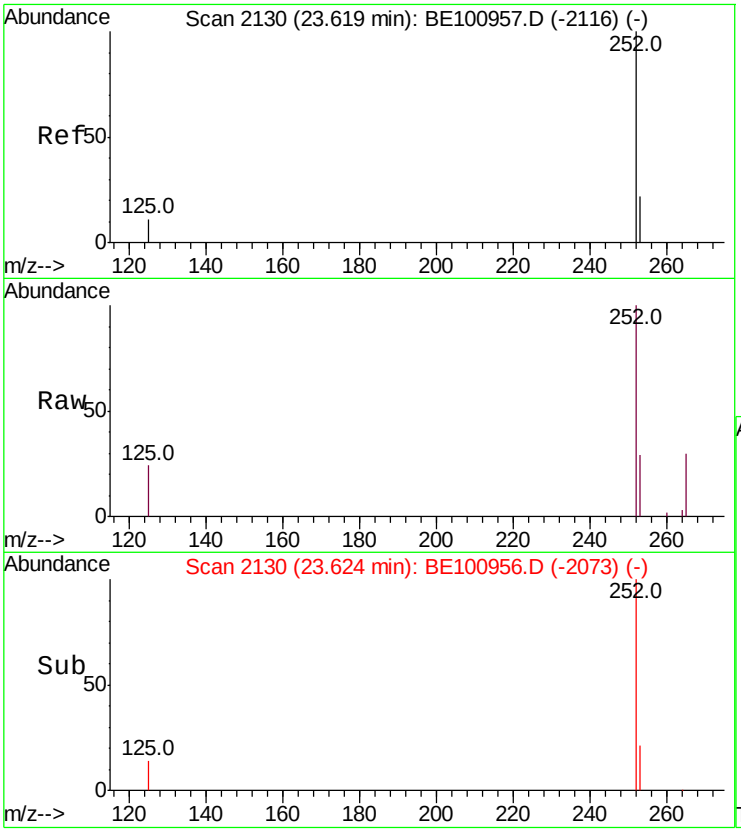


#36
Benzo(k)fluoranthene
Concen: 0.208 ng
RT: 23.04 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:252 Resp: 13529

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	39.7	17.9	26.9#



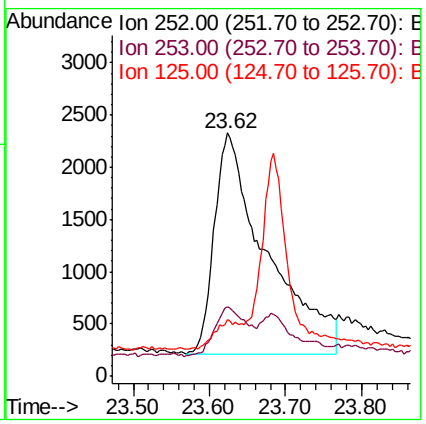


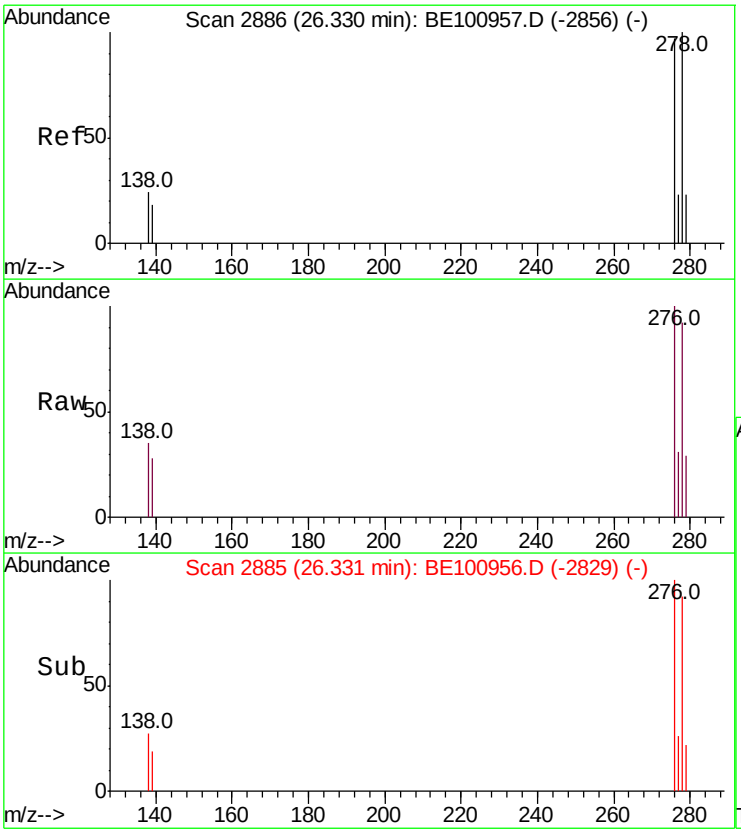
#37
Benzo(a)pyrene
Concen: 0.199 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10023

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.9	29.9
125	23.5	12.3	18.5#

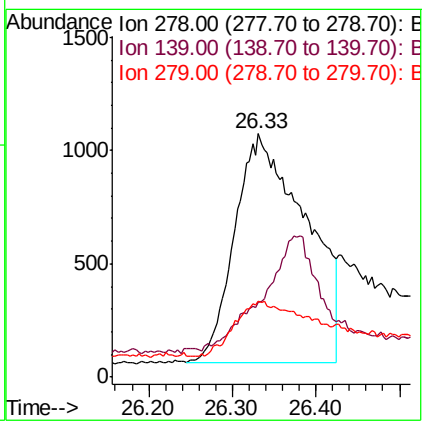


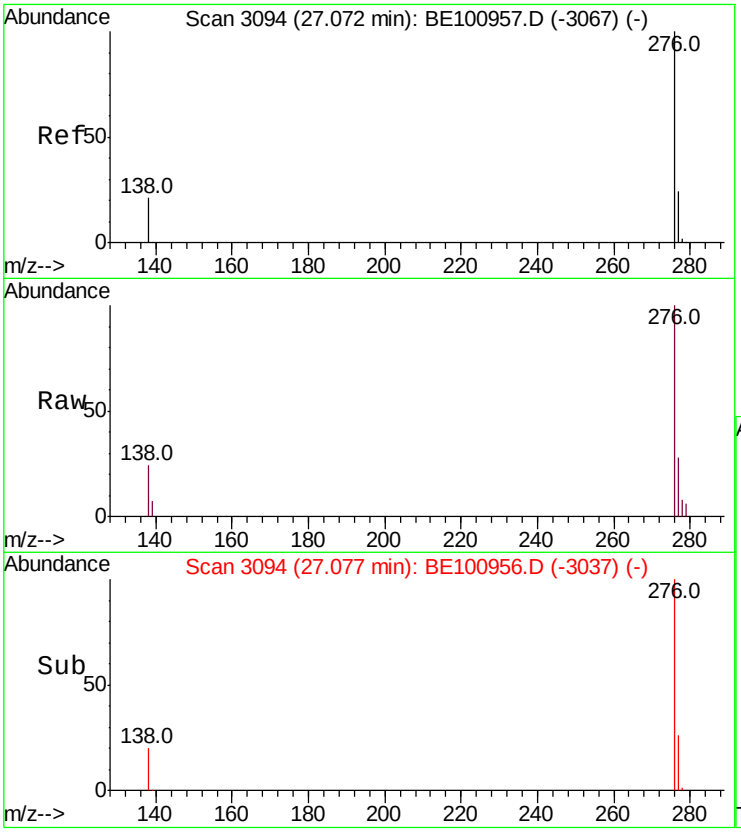


#38
Dibenzo(a,h)anthracene
Concen: 0.119 ng
RT: 26.33 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:278 Resp: 5949

Ion	Ratio	Lower	Upper
278	100		
139	30.7	17.0	25.6#
279	31.1	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.184 ng
RT: 27.08 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9825

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.9	29.9
138	24.3	18.4	27.6