Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100954.D
Acq On : 19 Dec 2019 20:13
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 00:34:17 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	2619	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	13024	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	8277	0.40	ng		-0.02
19) Phenanthrene-d10	17.11	188	18689	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	21721	0.40	ng		0.00
34) Perylene-d12	23.73	264	25032	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	27763	4.47	ng		0.00
5) Phenol-d6	6.93	99	45785	4.88	ng		-0.04
8) Nitrobenzene-d5	8.89	82	52109	8.40	ng		-0.02
11) 2-Methylnaphthalene-d10	12.12	152	100576	5.33	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	15838	17.20	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	147476	4.49	ng		-0.02
25) Fluoranthene-d10	19.14	212	1243142	5.63	ng		0.00
29) Terphenyl-d14	19.75	244	256614	4.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	25376	5.314	ng	#	72
3) n-Nitrosodimethylamine	3.61	42	19452	5.005	ng	#	76
6) bis(2-Chloroethyl)ether	7.17	93	49430	5.452	ng		93
9) Naphthalene	10.56	128	706866	5.108	ng		99
10) Hexachlorobutadiene	10.86	225	27186	5.038	ng		98
12) 2-Methylnaphthalene	12.19	142	110794	5.127	ng		97
16) Acenaphthylene	14.10	152	194477	5.680	ng		98
17) Acenaphthene	14.44	154	118837	5.036	ng		98
18) Fluorene	15.41	166	159516	5.242	ng		100
20) 4-Bromophenyl-phenylether	16.31	248	46377	5.058	ng		90
21) Hexachlorobenzene	16.43	284	47709	4.789	ng		98
22) Pentachlorophenol	16.77	266	12925	18.759	ng	#	75
23) Phenanthrene	17.15	178	266258	4.703	ng		100
24) Anthracene	17.24	178	234718	4.958	ng		99
26) Fluoranthene	19.17	202	364996	5.402	ng		99
28) Pyrene	19.53	202	377972	5.356	ng		99
30) Benzo(a)anthracene	21.28	228	349587	5.460	ng		99
31) Chrysene	21.33	228	352942	4.692	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	923584	15.917	ng		99
33) Indeno(1,2,3-cd)pyrene	26.28	276	407986	6.226	ng	#	58
35) Benzo(b)fluoranthene	22.98	252	328090	4.788	ng		97
36) Benzo(k)fluoranthene	23.03	252	441452	5.744	ng	#	87
37) Benzo(a)pyrene	23.62	252	338836	5.711	ng	#	93
38) Dibenzo(a,h)anthracene	26.31	278	325018	5.506	ng	#	92
39) Benzo(g,h,i)perylene	27.07	276	354914	5.623	ng		98

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

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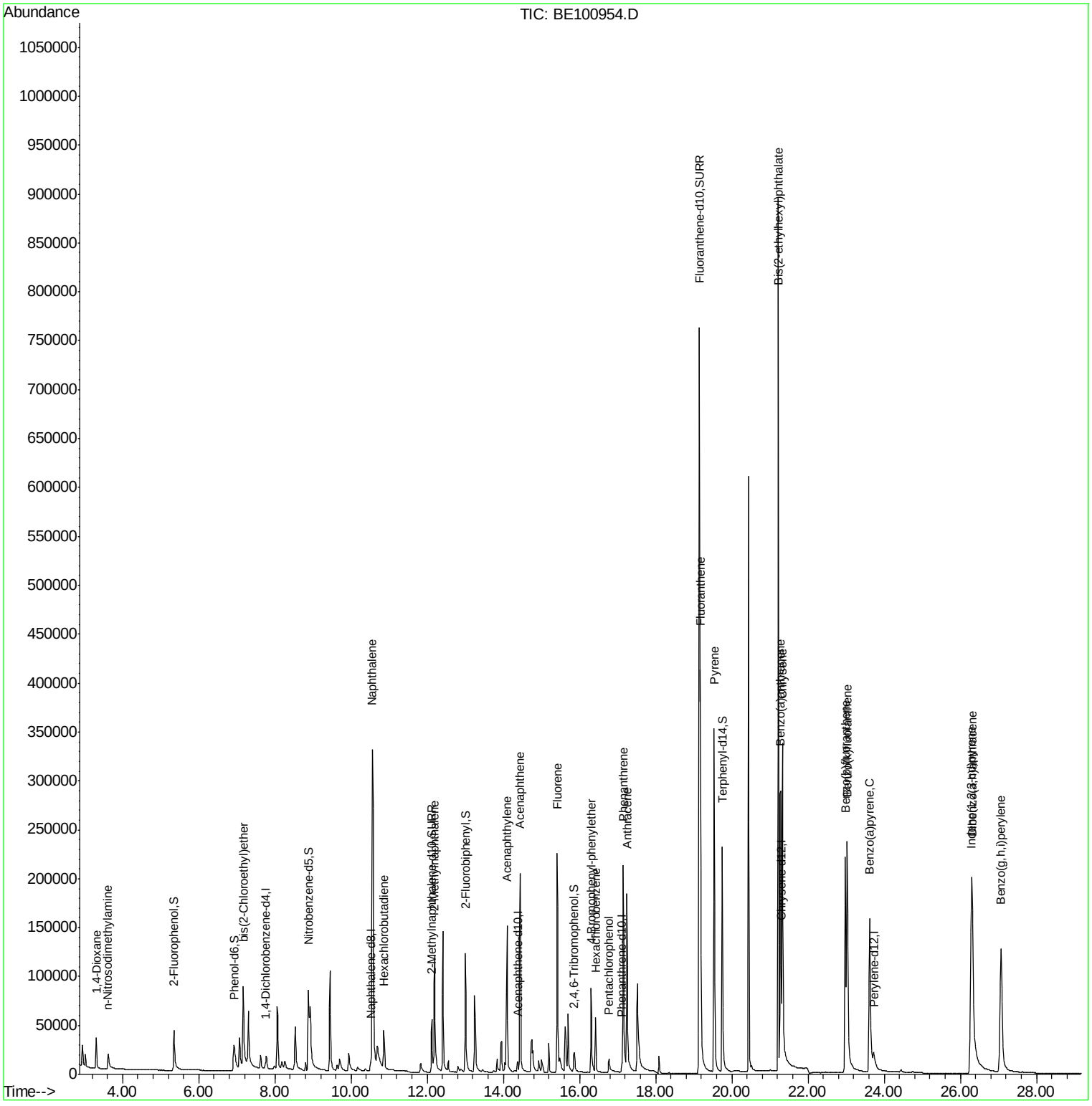
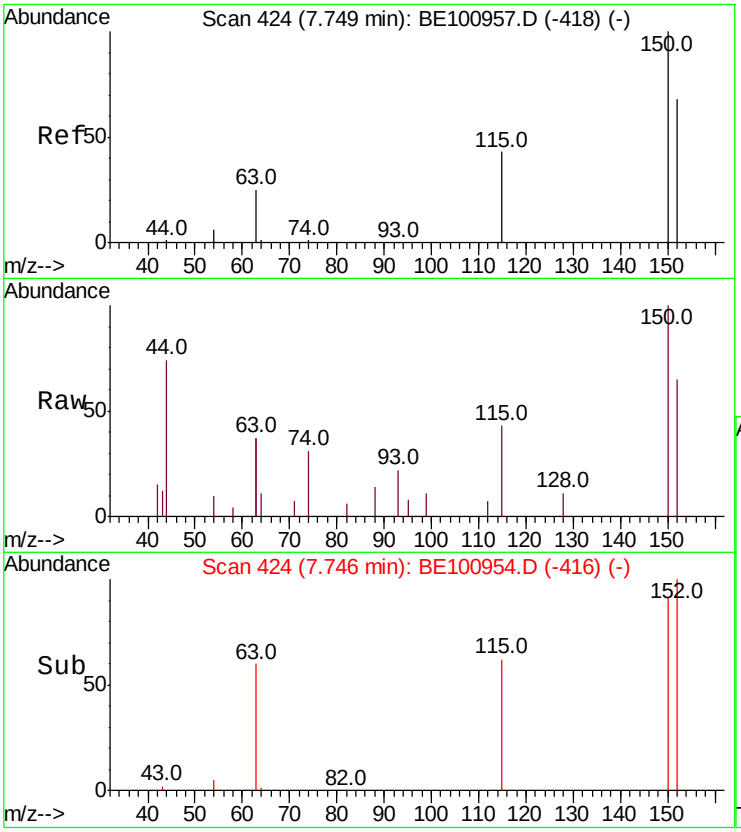
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 00:29:37 2019
Response via : Initial Calibration



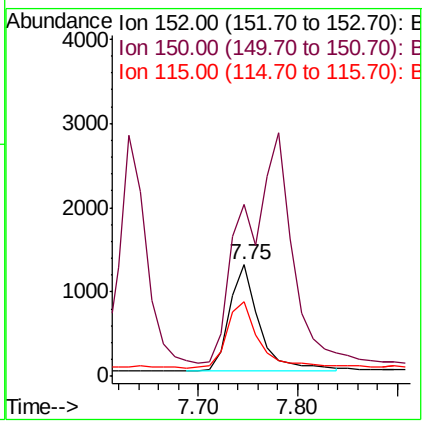


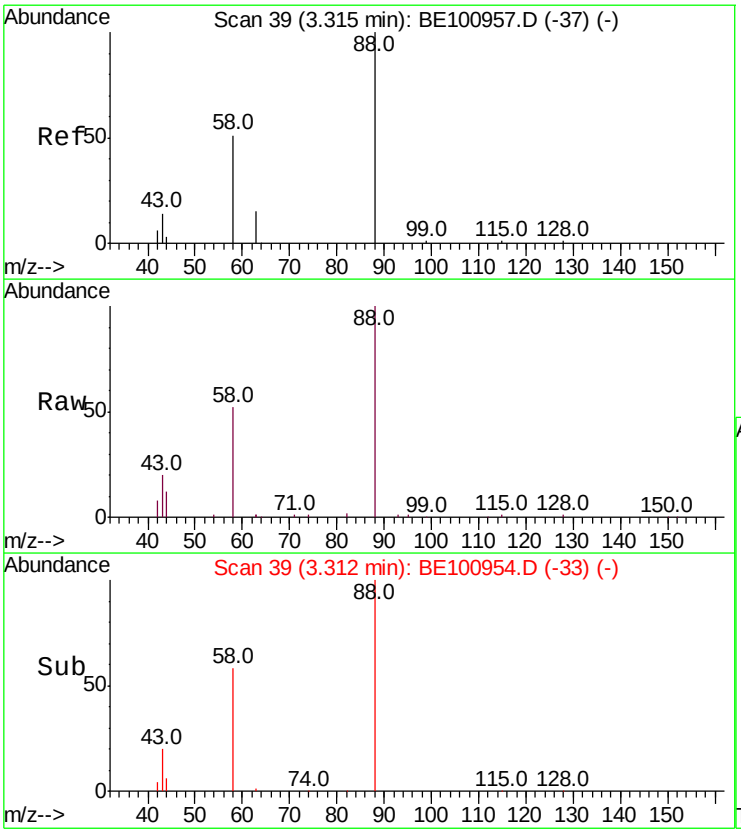
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2619

Ion	Ratio	Lower	Upper
152	100		
150	154.5	116.7	175.1
115	66.8	55.7	83.5

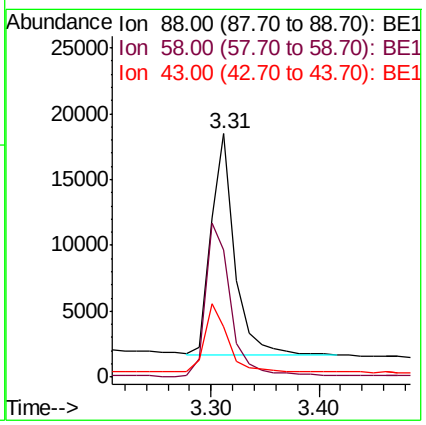


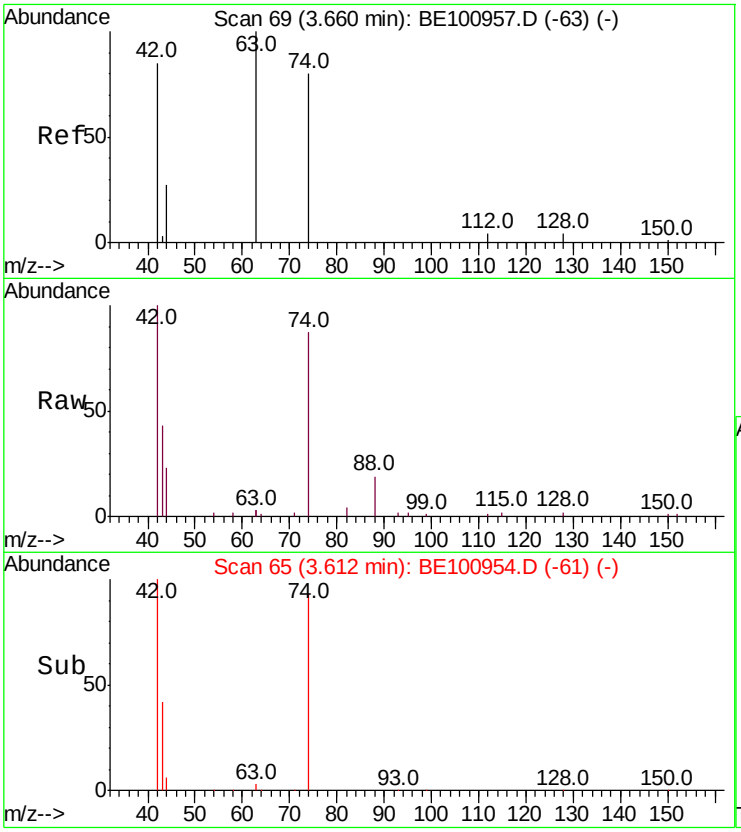


#2
1,4-Dioxane
Concen: 5.314 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion: 88 Resp: 25376

Ion	Ratio	Lower	Upper
88	100		
58	74.3	38.6	57.8#
43	30.4	20.5	30.7



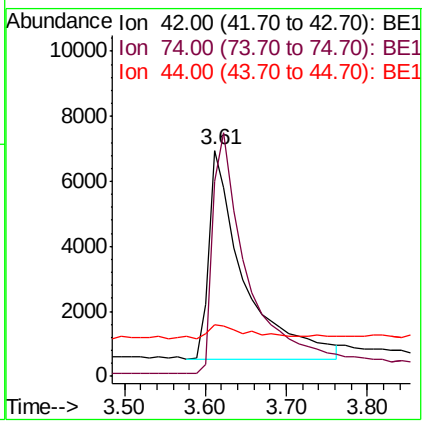


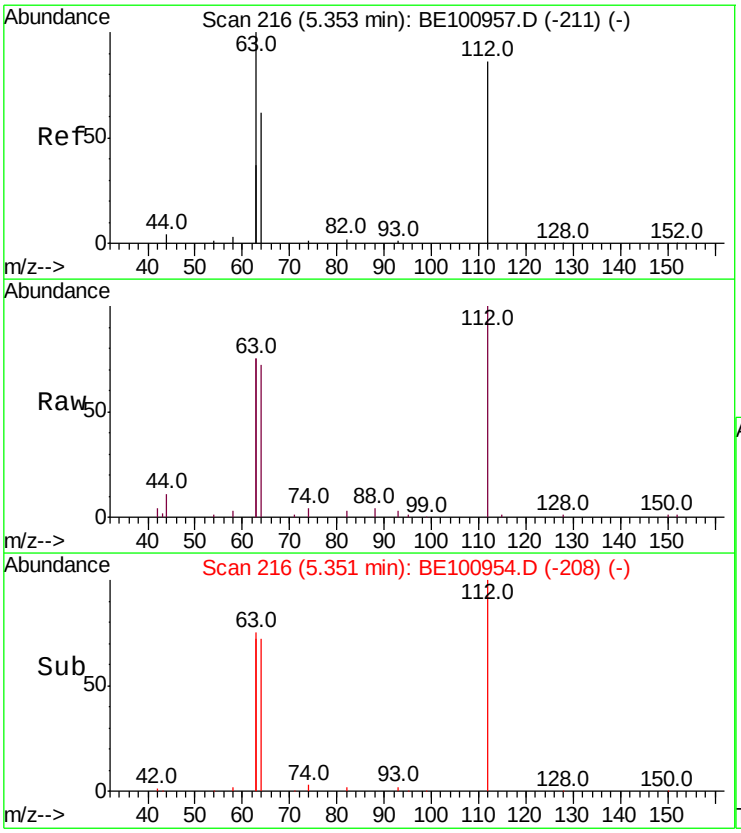
#3
n-Nitrosodimethylamine
Concen: 5.005 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.05 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 19452

Ion	Ratio	Lower	Upper
42	100		
74	121.0	77.8	116.6#
44	8.3	0.0	0.0#

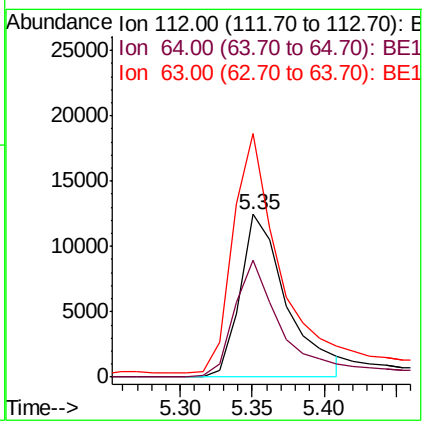


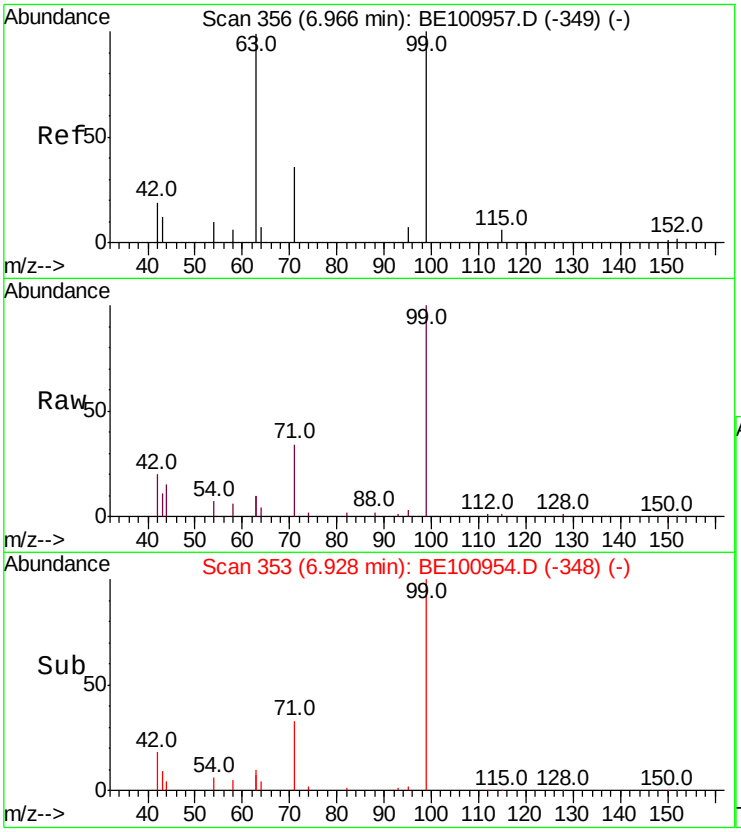


#4
2-Fluorophenol
Concen: 4.467 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:112 Resp: 27763

Ion	Ratio	Lower	Upper
112	100		
64	69.5	58.6	88.0
63	146.5	121.0	181.6



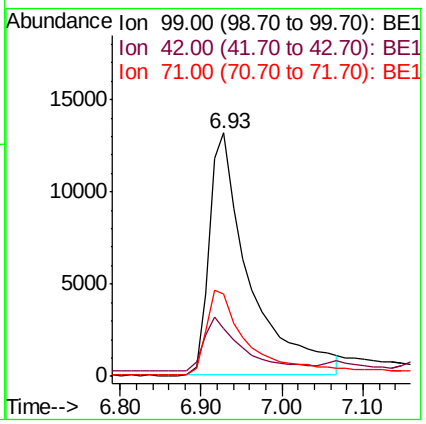


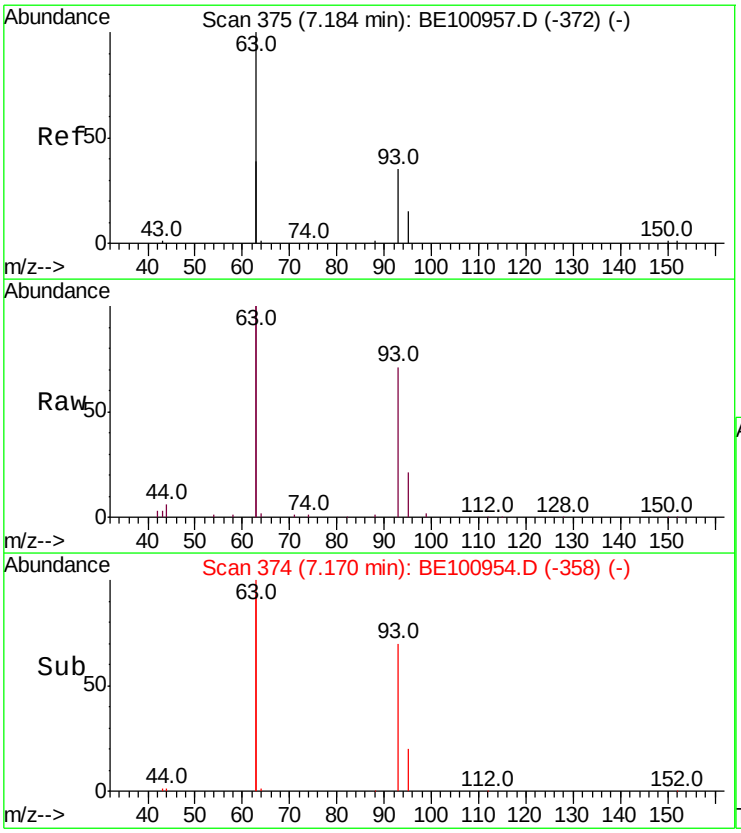
#5
Phenol-d6
Concen: 4.880 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.04 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 45785

Ion	Ratio	Lower	Upper
99	100		
42	21.5	10.2	15.2#
71	35.4	0.0	0.0#

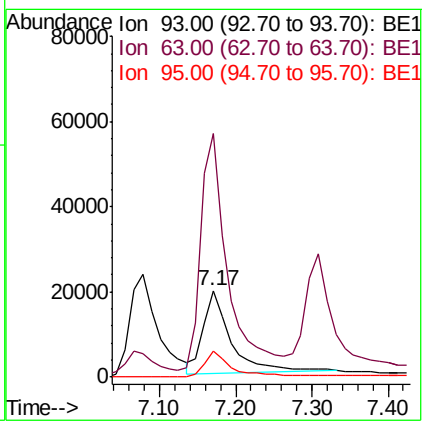


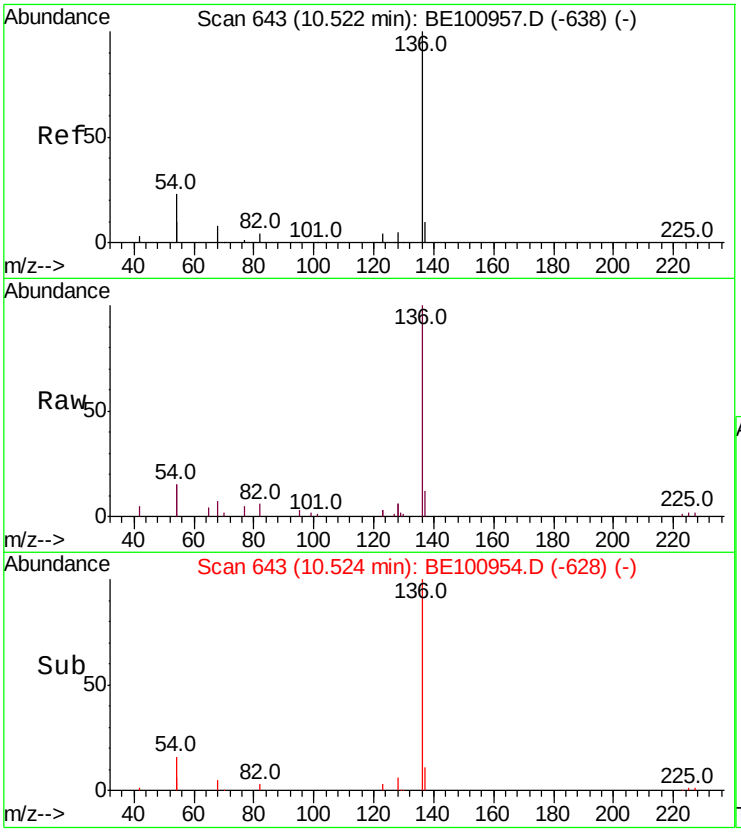


#6
bis(2-Chloroethyl)ether
Concen: 5.452 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion: 93 Resp: 49430

Ion	Ratio	Lower	Upper
93	100		
63	274.2	209.4	314.2
95	29.4	28.6	42.8



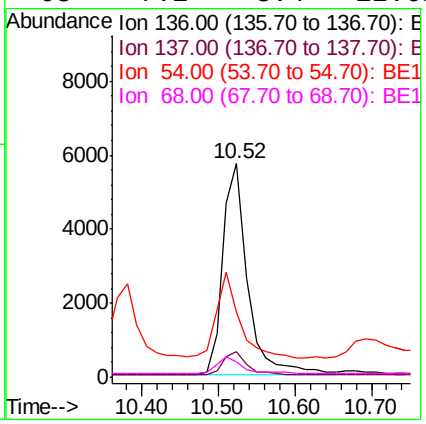


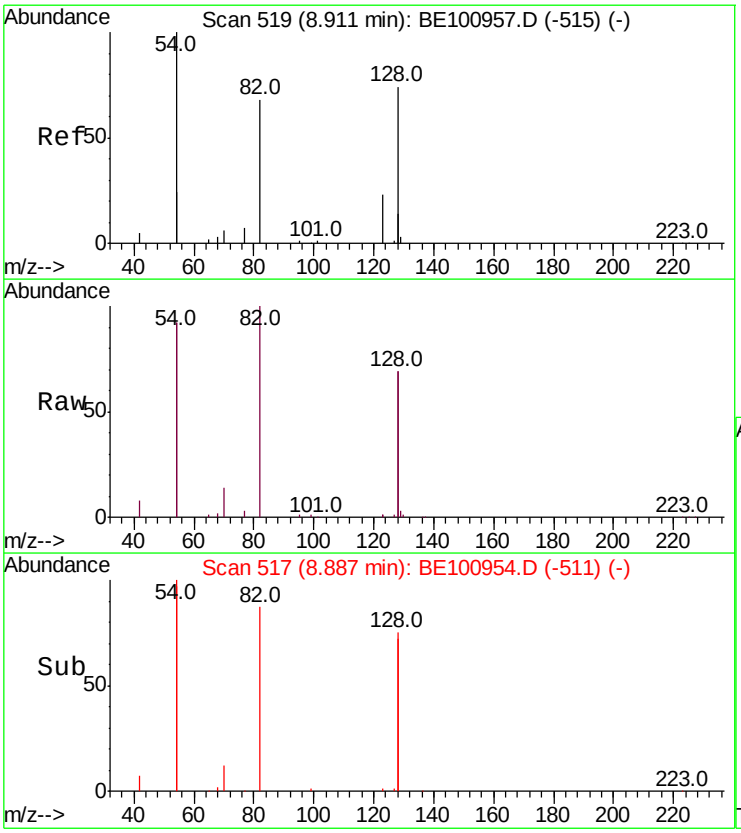
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13024

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	30.9	36.2	54.4#
68	7.2	8.4	12.6#

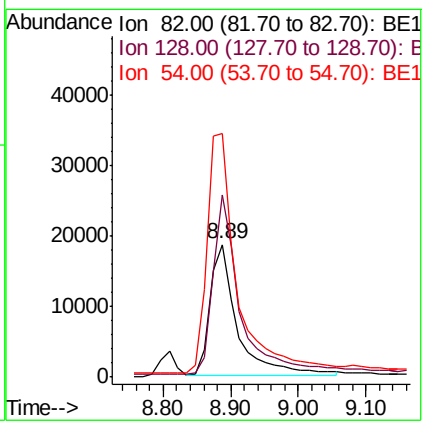


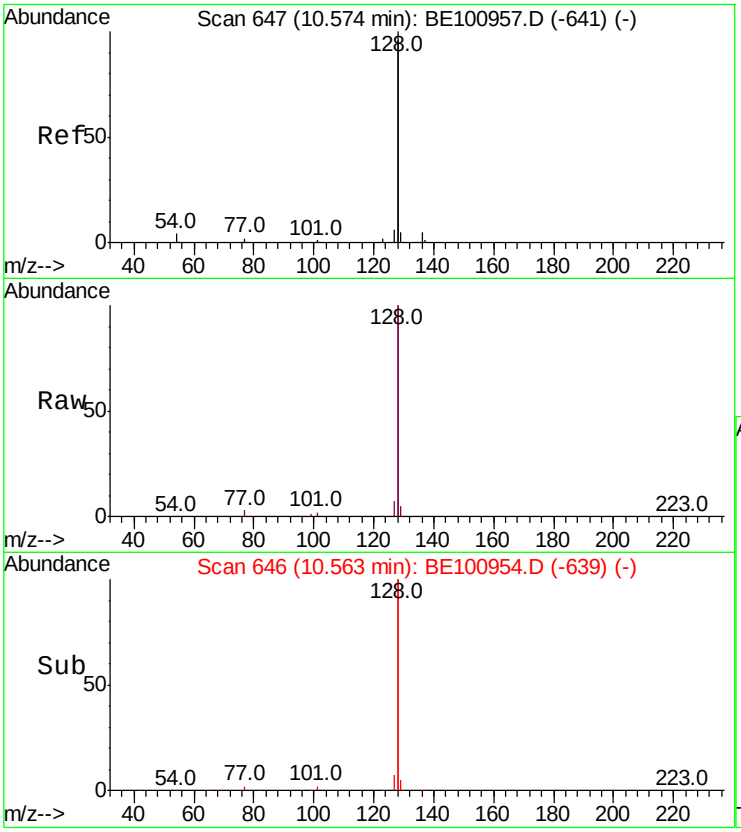


#8
Nitrobenzene-d5
Concen: 8.402 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.02 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion: 82 Resp: 52109

Ion	Ratio	Lower	Upper
82	100		
128	137.4	135.0	202.6
54	183.3	182.6	274.0



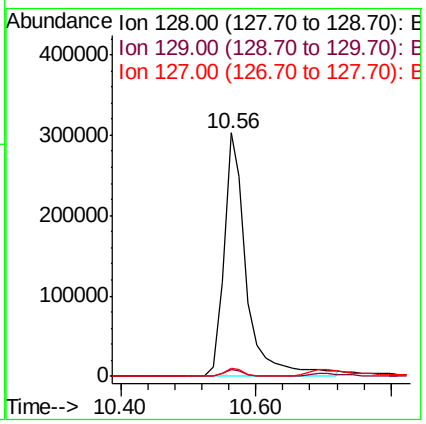


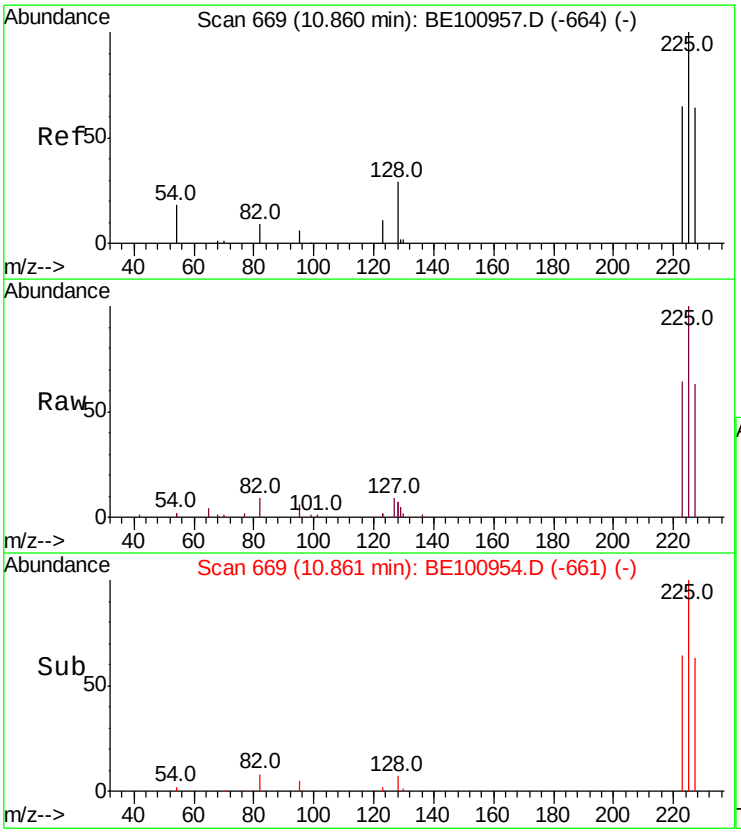
#9
Naphthalene
Concen: 5.108 ng
RT: 10.56 min Scan# 646
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 706866

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

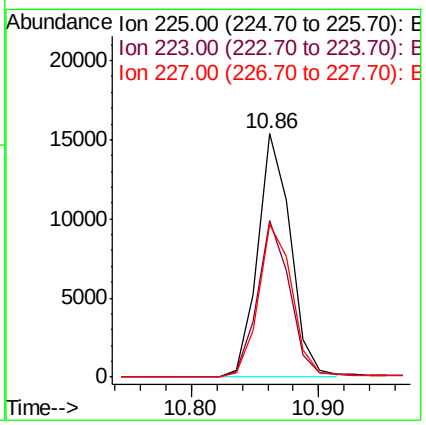


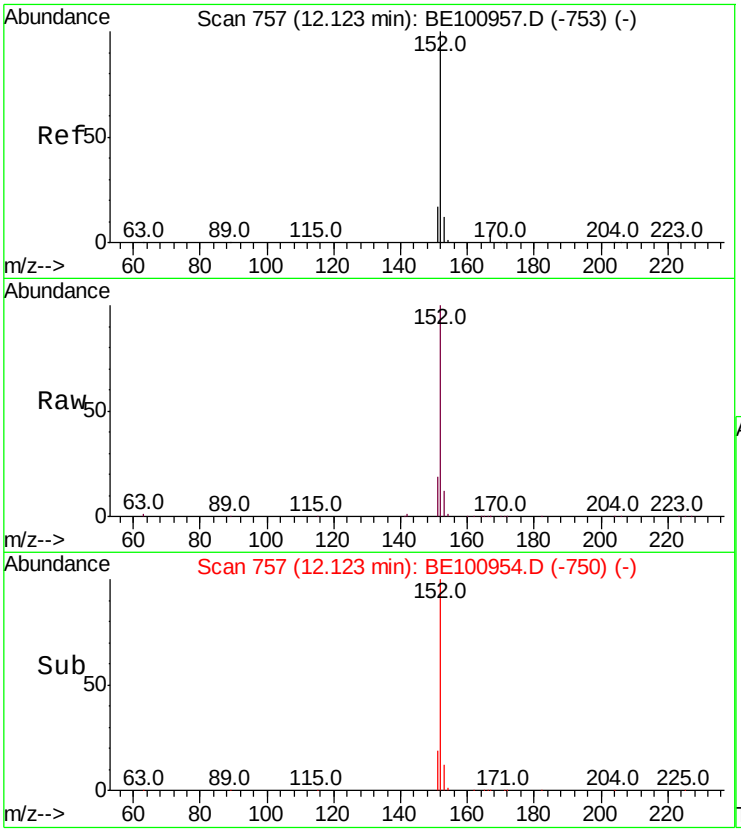


#10
Hexachlorobutadiene
Concen: 5.038 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:225 Resp: 27186

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.1	50.3	75.5



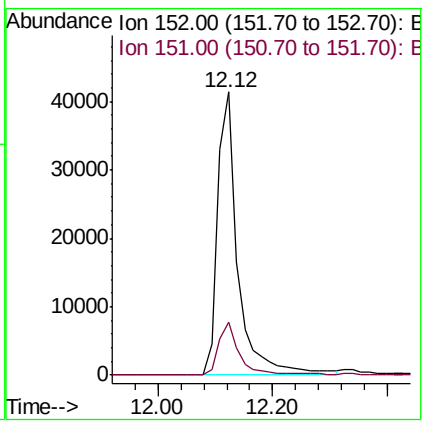


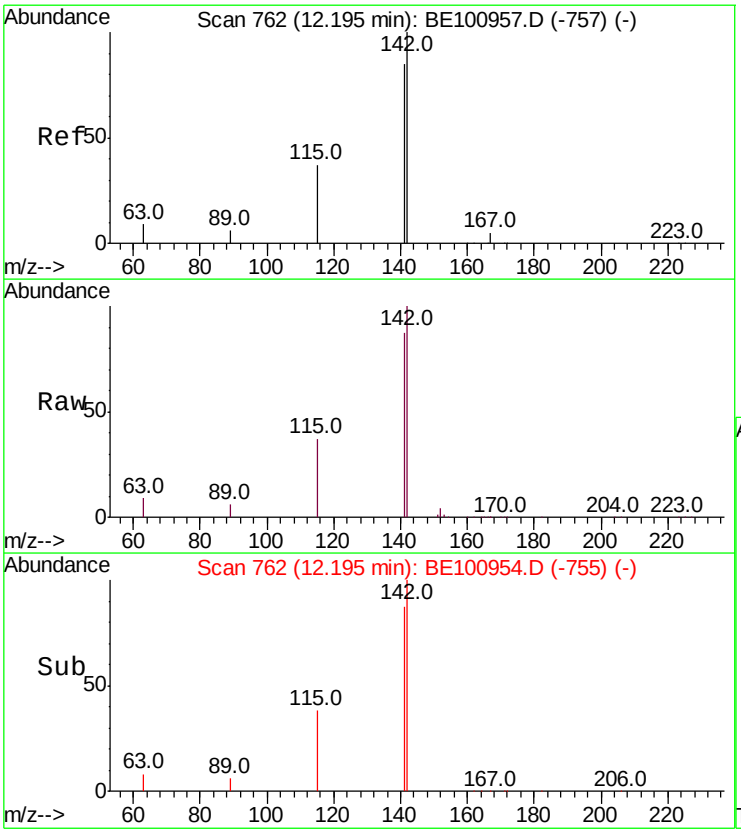
#11
2-Methylnaphthalene-d10
Concen: 5.329 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 100576

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.4

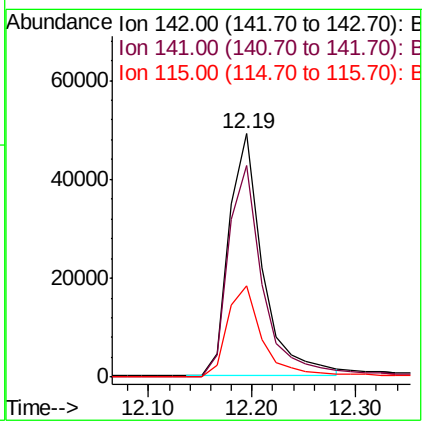


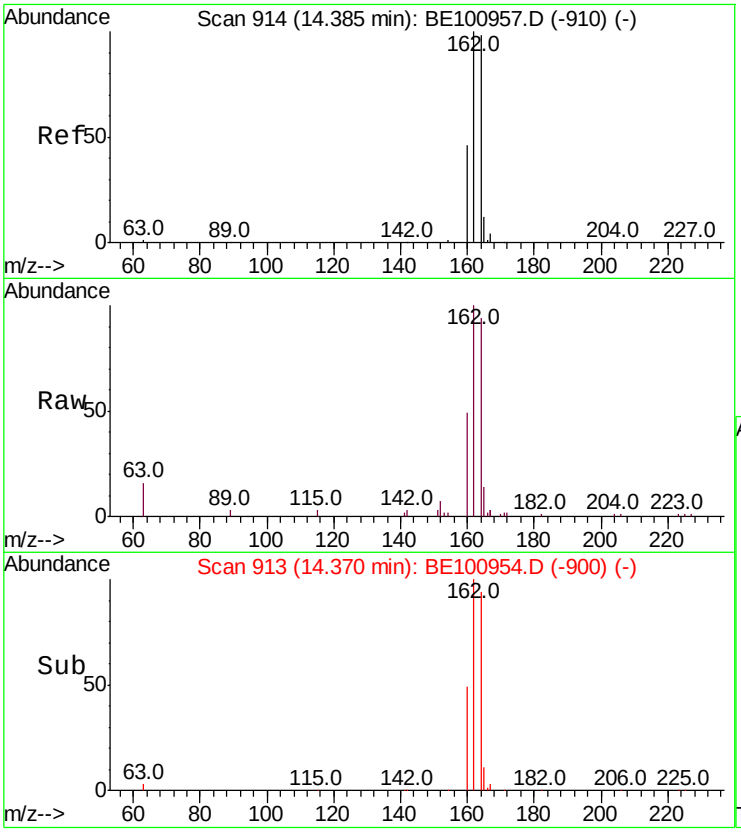


#12
2-Methylnaphthalene
Concen: 5.127 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:142 Resp: 110794

Ion	Ratio	Lower	Upper
142	100		
141	86.9	67.8	101.8
115	37.5	31.7	47.5



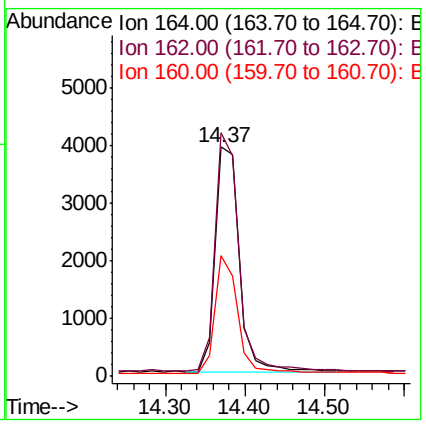


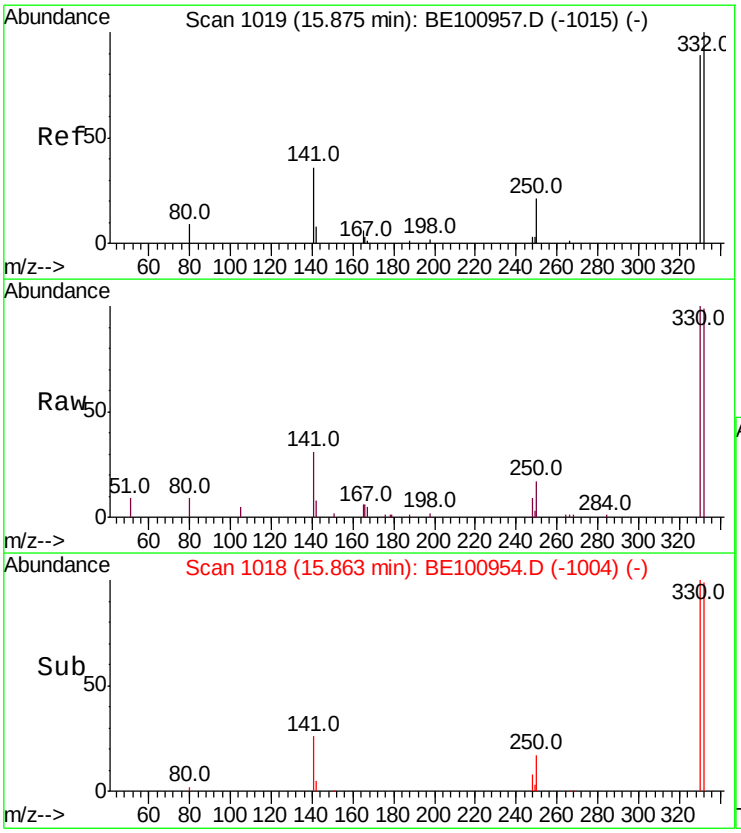
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8277

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.6	122.4
160	52.5	38.5	57.7

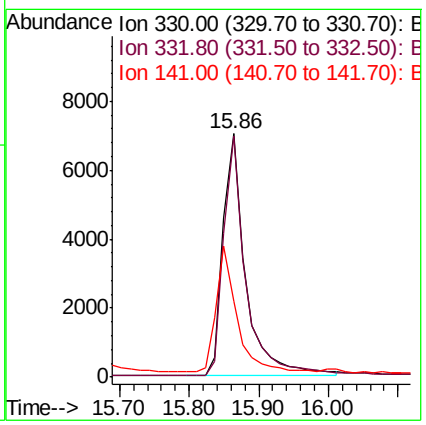


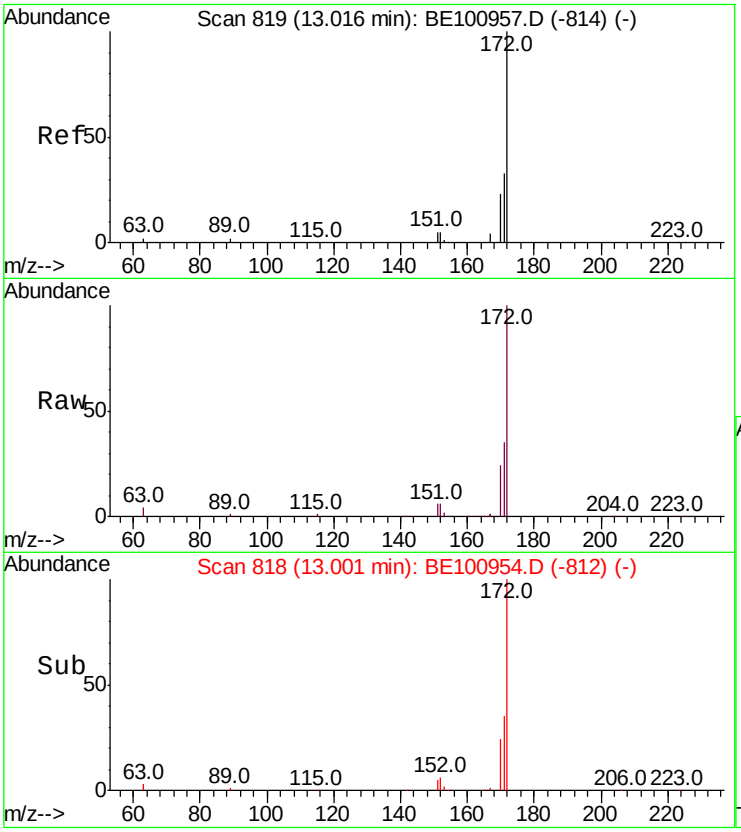


#14
2,4,6-Tribromophenol
Concen: 17.205 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:330 Resp: 15838

Ion	Ratio	Lower	Upper
330	100		
332	96.3	84.2	126.2
141	46.6	39.3	58.9



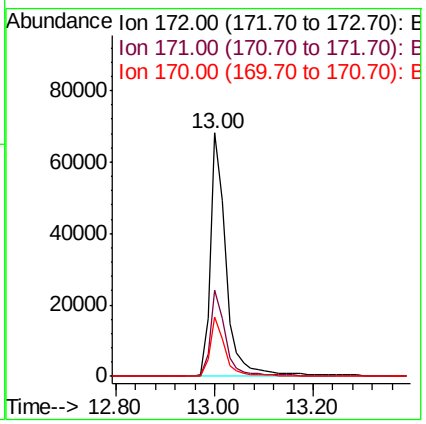


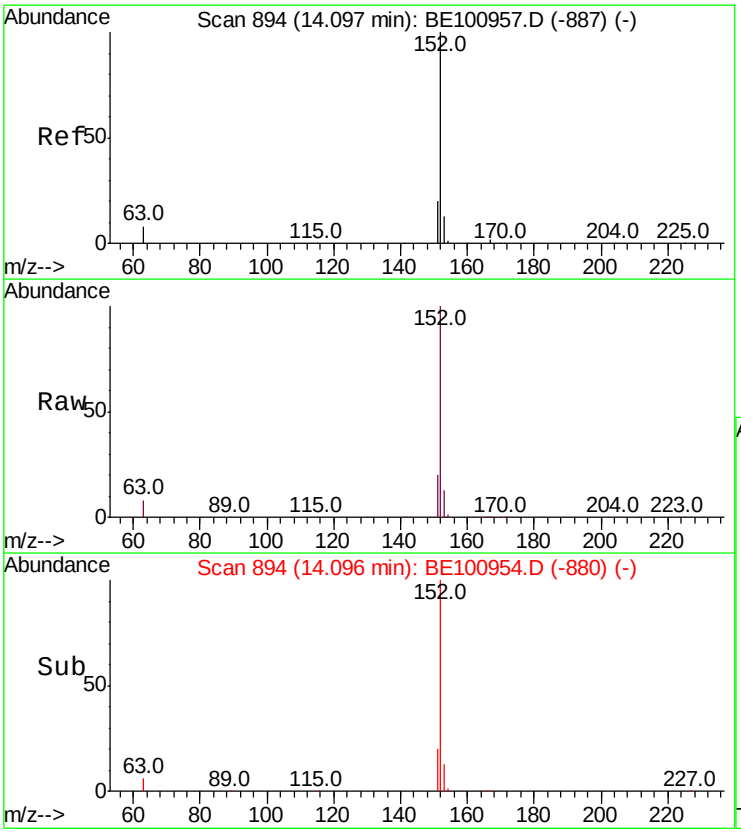
#15
2-Fluorobiphenyl
Concen: 4.492 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 147476

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.5	41.3
170	24.3	19.8	29.6

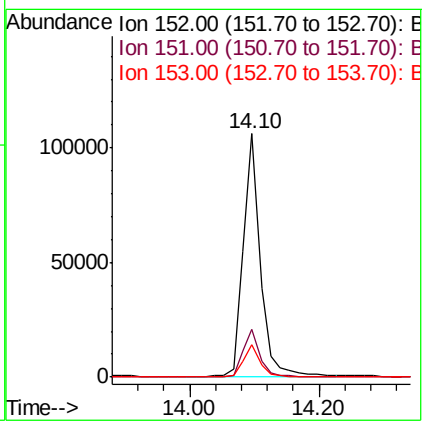


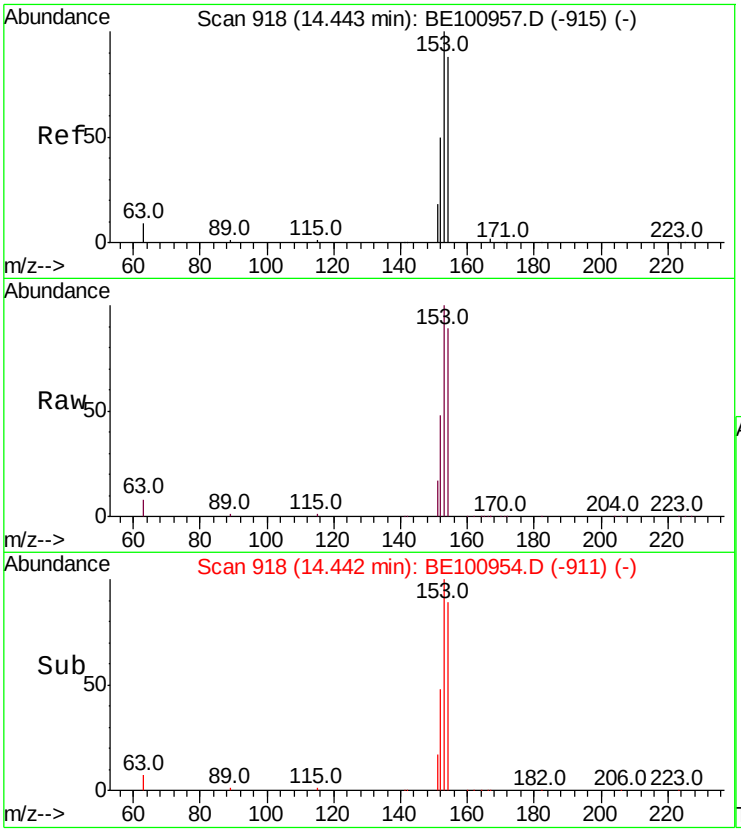


#16
Acenaphthylene
Concen: 5.680 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:152 Resp: 194477

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.4
153	13.0	10.6	16.0



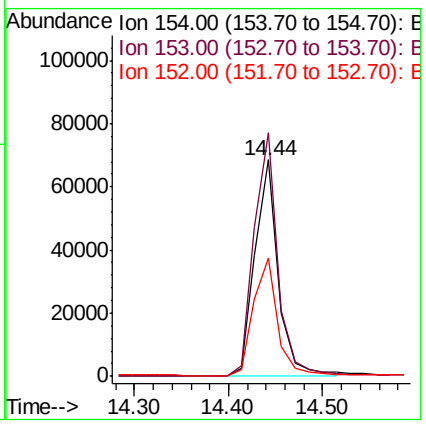


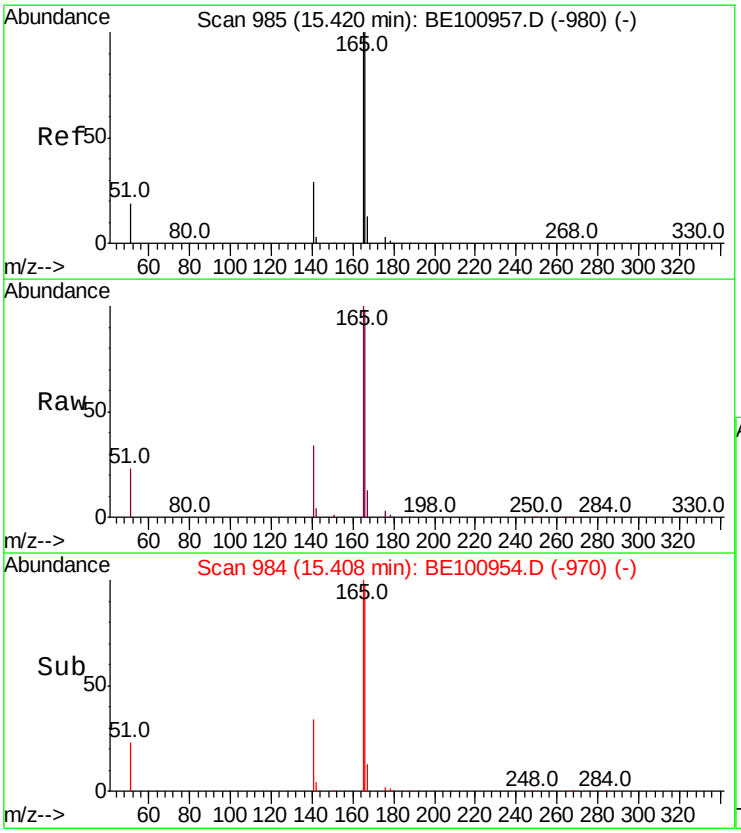
#17
Acenaphthene
Concen: 5.036 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 118837

Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.3	138.5
152	55.7	46.4	69.6

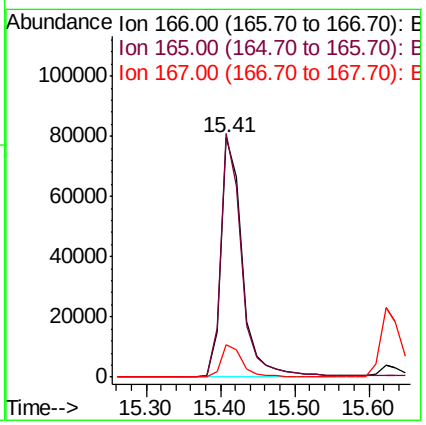


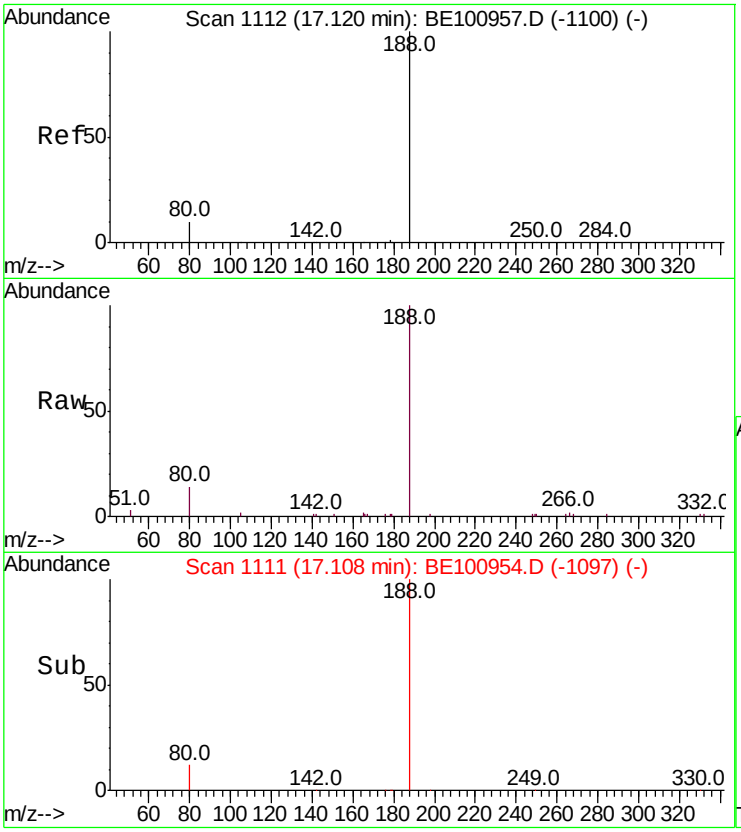


#18
Fluorene
Concen: 5.242 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:166 Resp: 159516

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.5	10.6	16.0



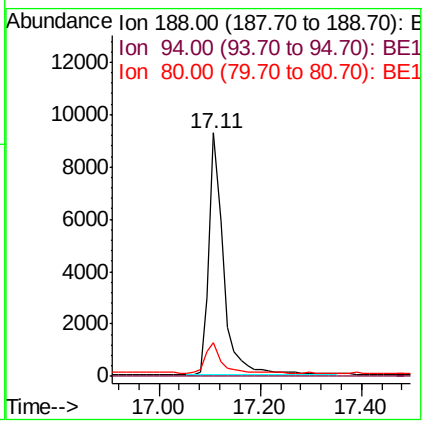


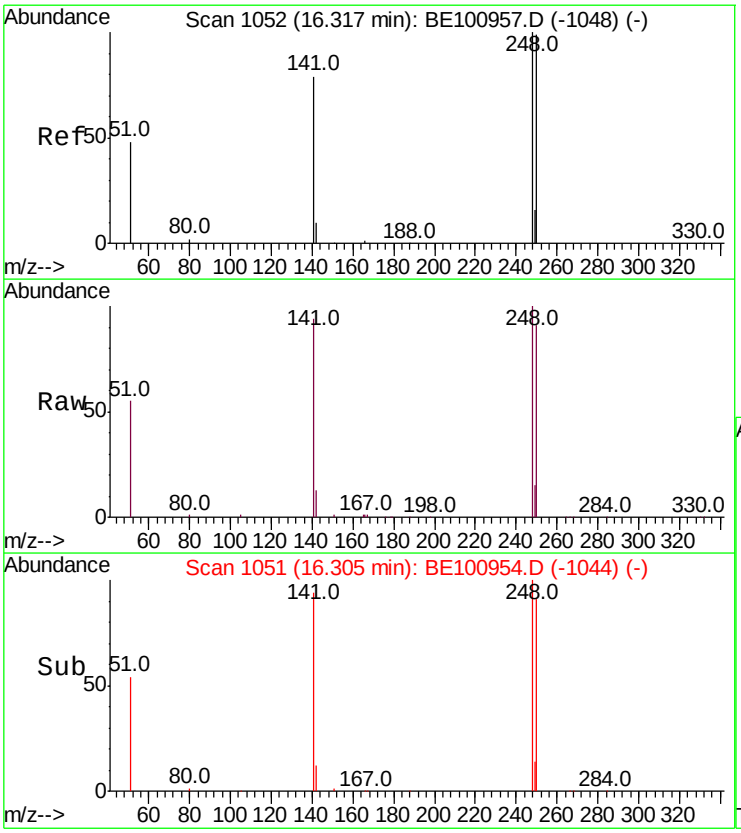
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18689

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	9.5	14.3

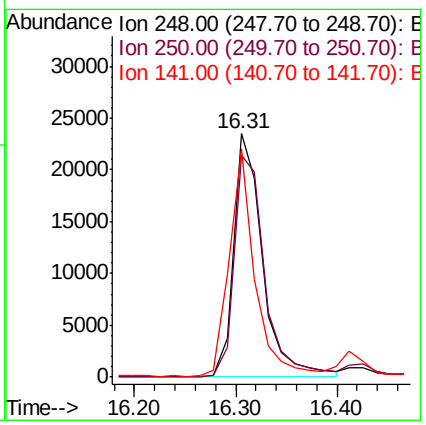


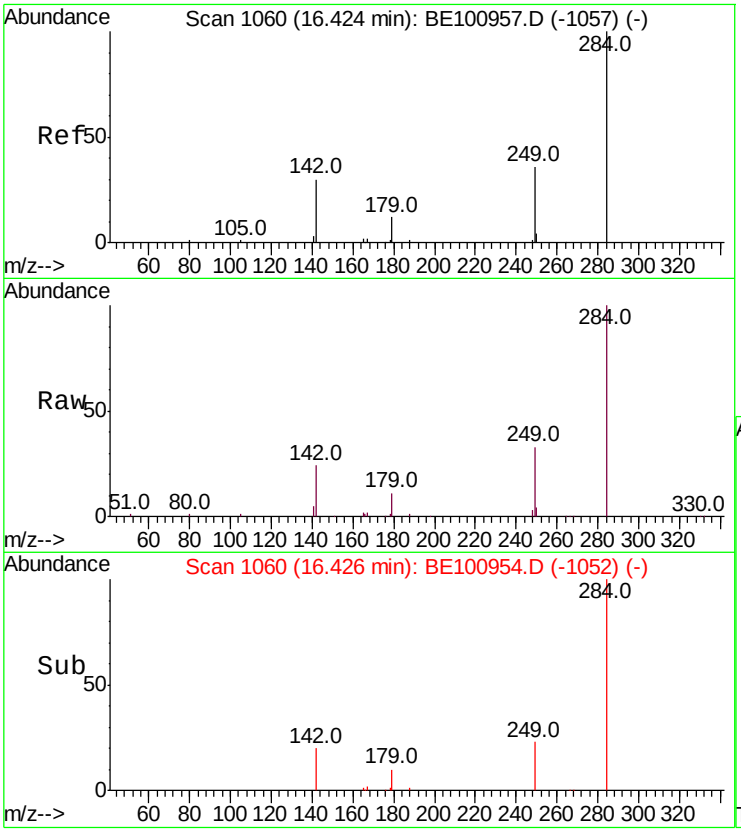


#20
4-Bromophenyl-phenylether
Concen: 5.058 ng
RT: 16.31 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:248 Resp: 46377

Ion	Ratio	Lower	Upper
248	100		
250	90.9	79.5	119.3
141	93.8	66.6	100.0



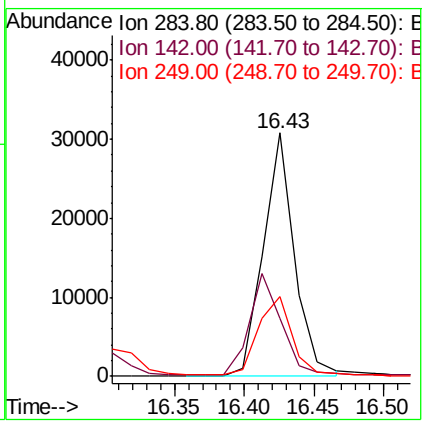


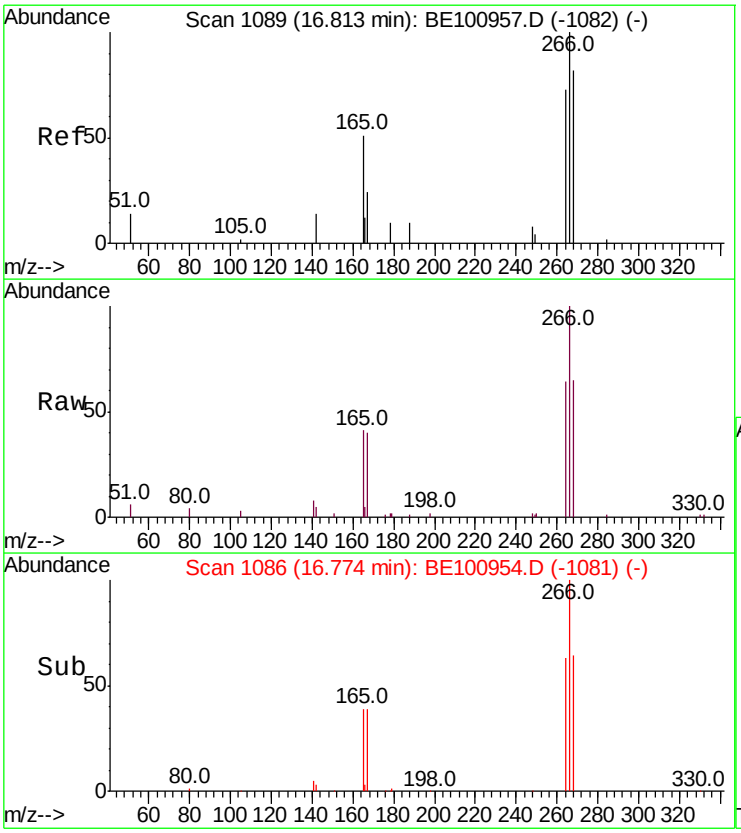
#21
Hexachlorobenzene
Concen: 4.789 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 47709

Ion	Ratio	Lower	Upper
284	100		
142	42.6	33.8	50.6
249	35.0	26.7	40.1

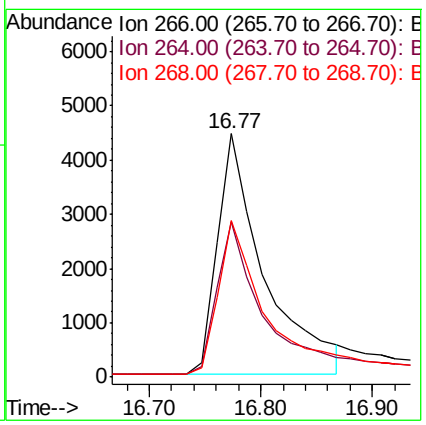


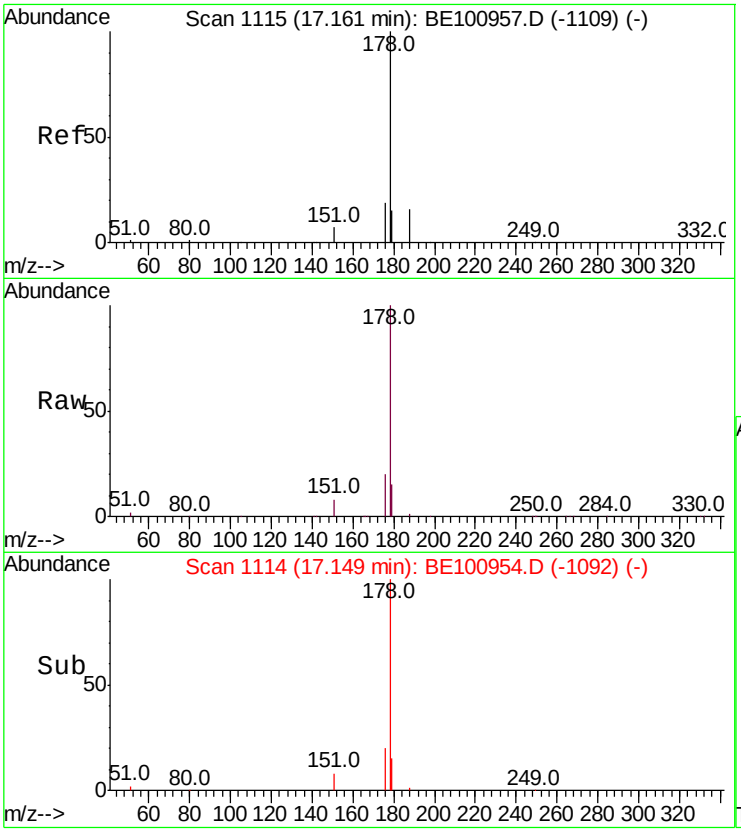


#22
Pentachlorophenol
Concen: 18.759 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:266 Resp: 12925

Ion	Ratio	Lower	Upper
266	100		
264	63.7	64.5	96.7#
268	64.6	74.6	111.8#



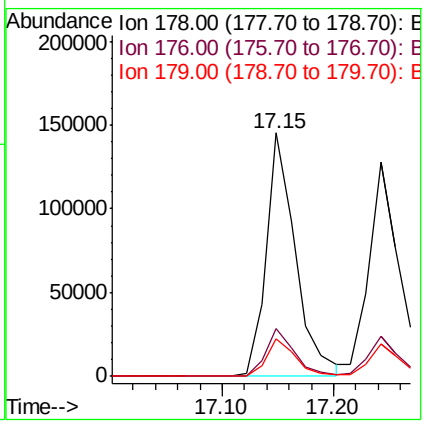


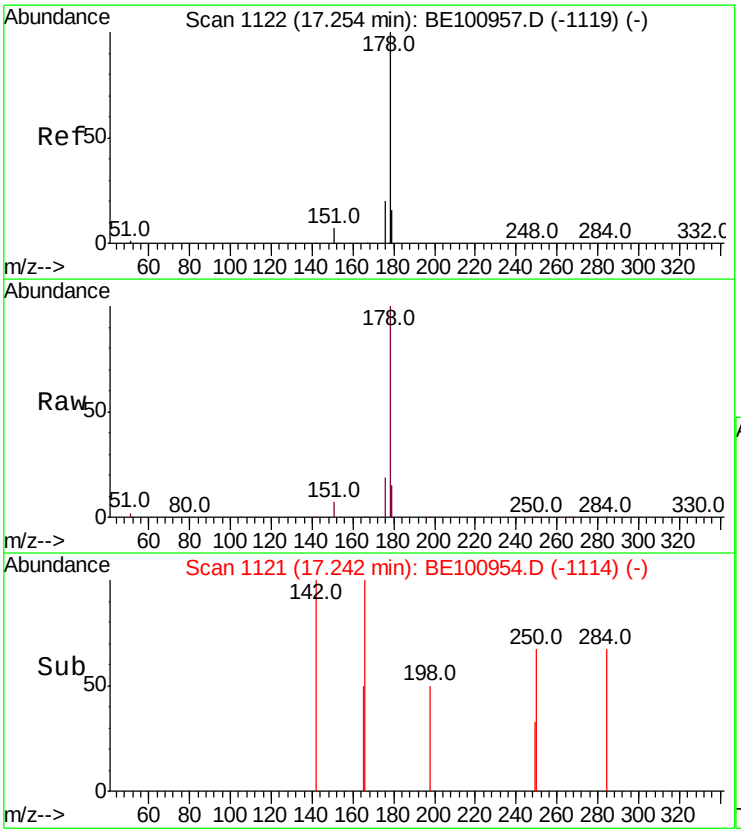
#23
Phenanthrene
Concen: 4.703 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 266258

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.5	18.7

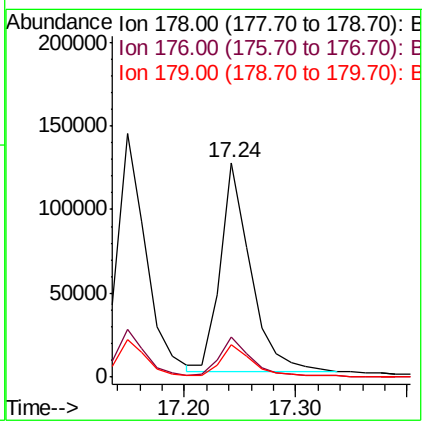


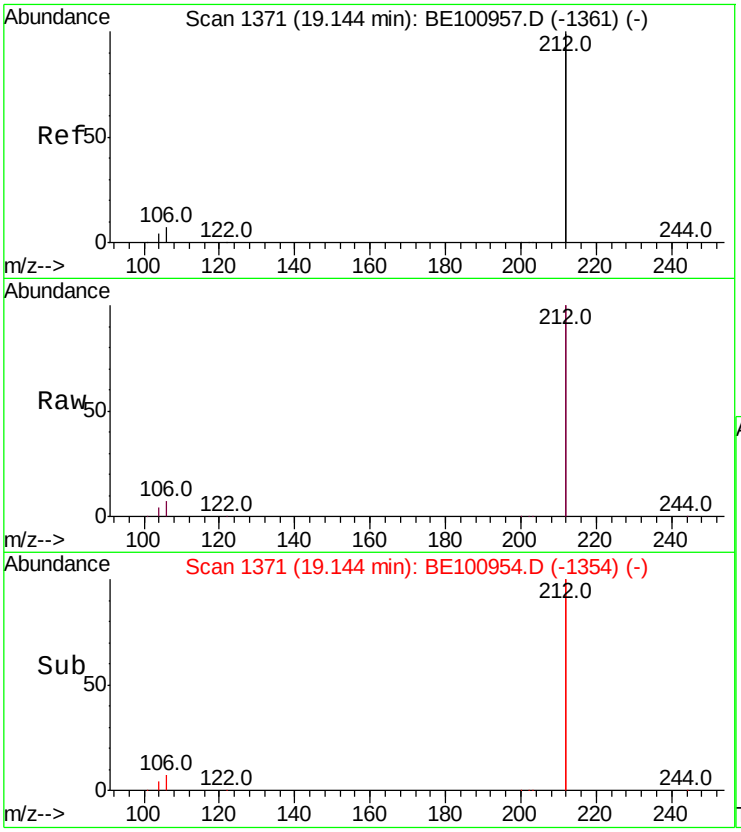


#24
Anthracene
Concen: 4.958 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:178 Resp: 234718

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.3	12.0	18.0



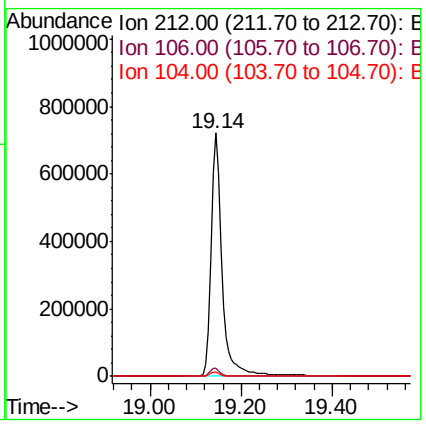


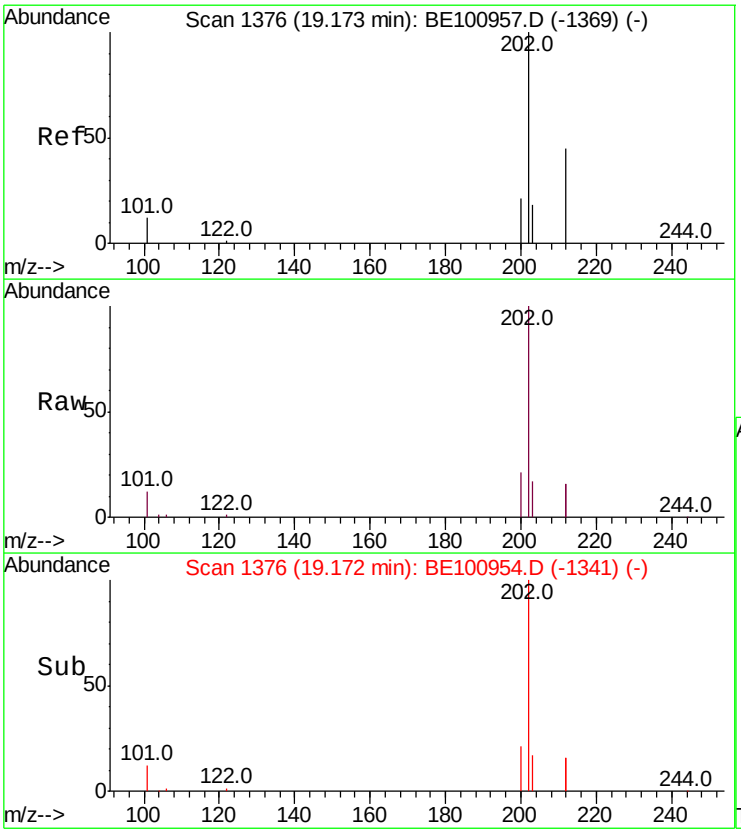
#25
Fluoranthene-d10
Concen: 5.628 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1243142

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	3.8
104	1.9	1.4	2.2

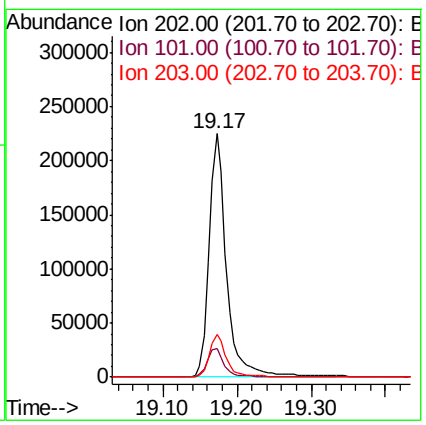


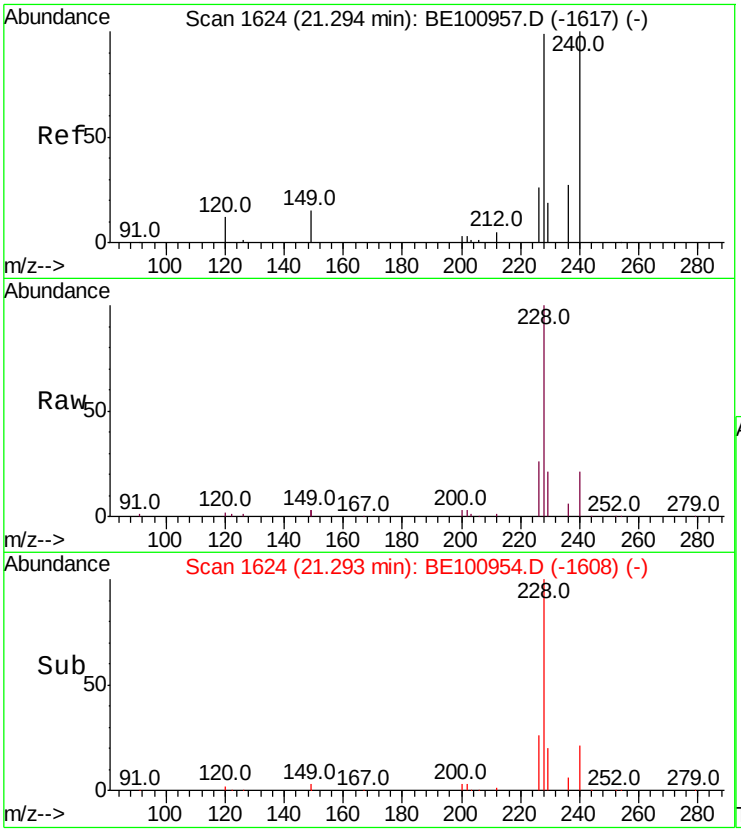


#26
Fluoranthene
Concen: 5.402 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:202 Resp: 364996

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.6
203	17.0	13.4	20.0



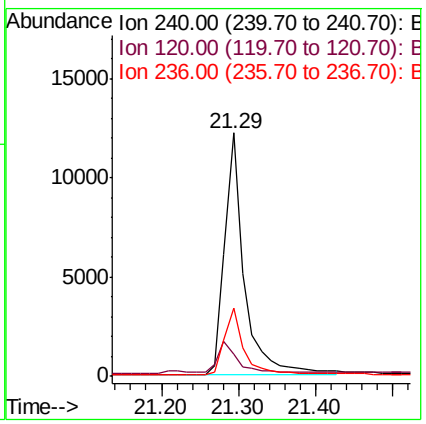


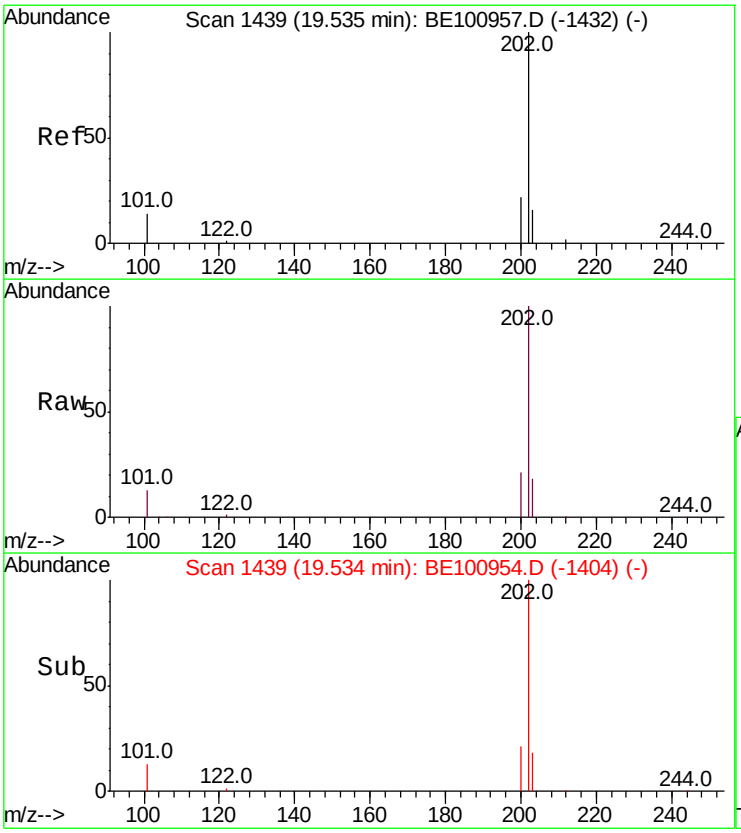
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21721

Ion	Ratio	Lower	Upper
240	100		
120	9.2	11.5	17.3#
236	27.9	22.8	34.2

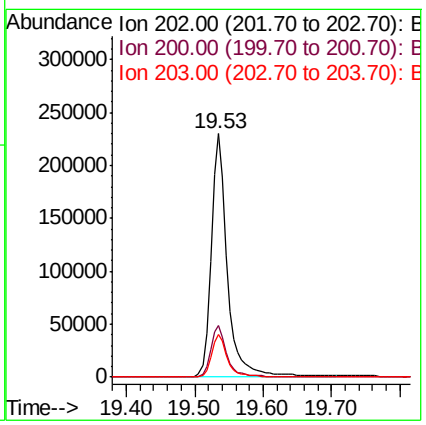


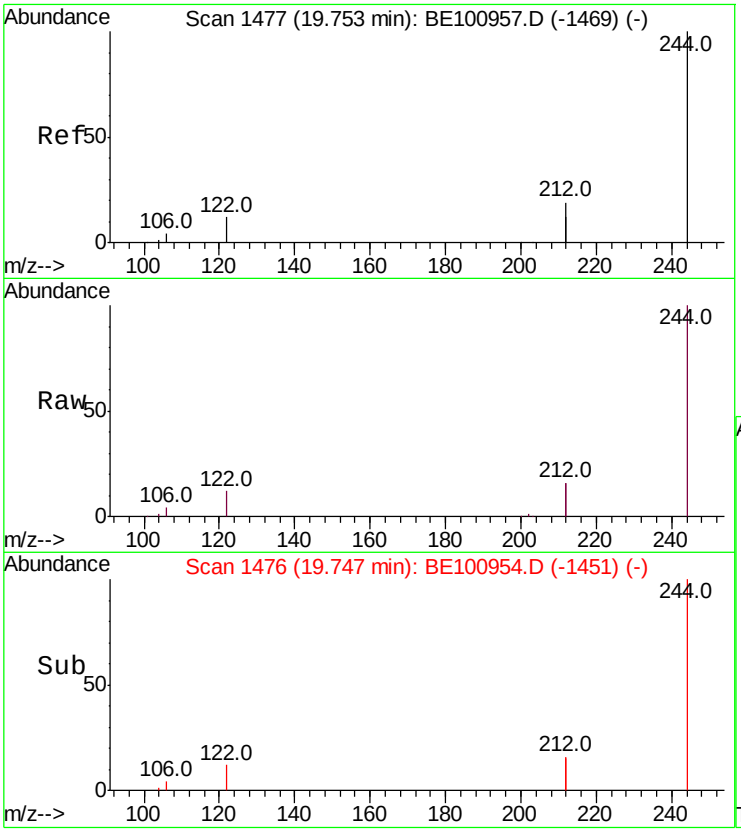


#28
Pyrene
Concen: 5.356 ng
RT: 19.53 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:202 Resp: 377972

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.4	24.6
203	17.5	13.8	20.8



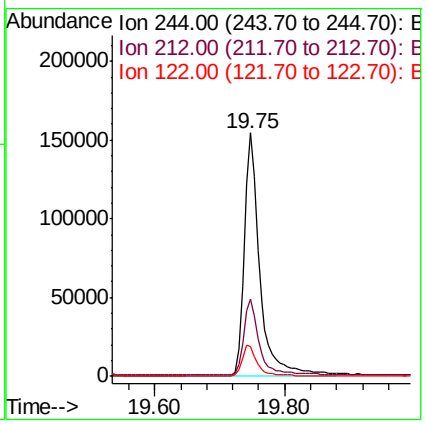


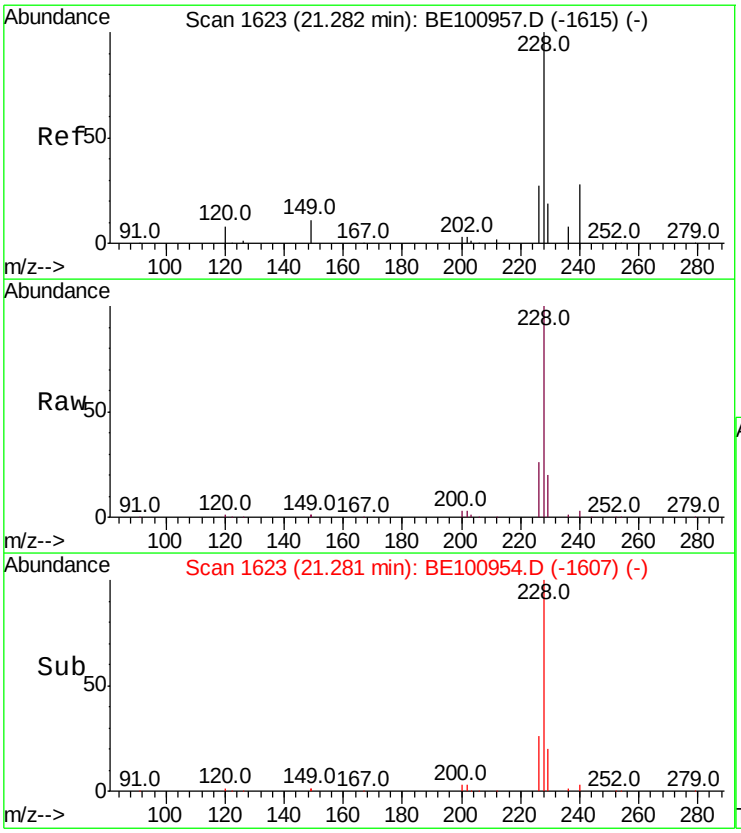
#29
Terphenyl-d14
Concen: 4.932 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 256614

Ion	Ratio	Lower	Upper
244	100		
212	31.6	30.2	45.2
122	12.0	10.7	16.1

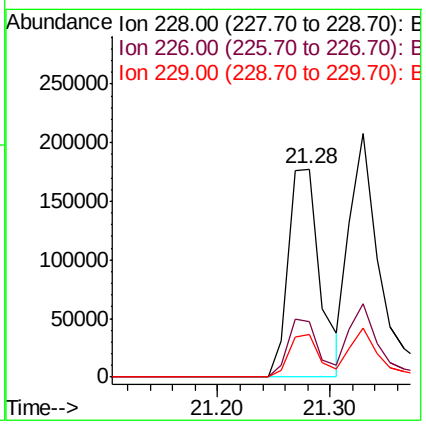


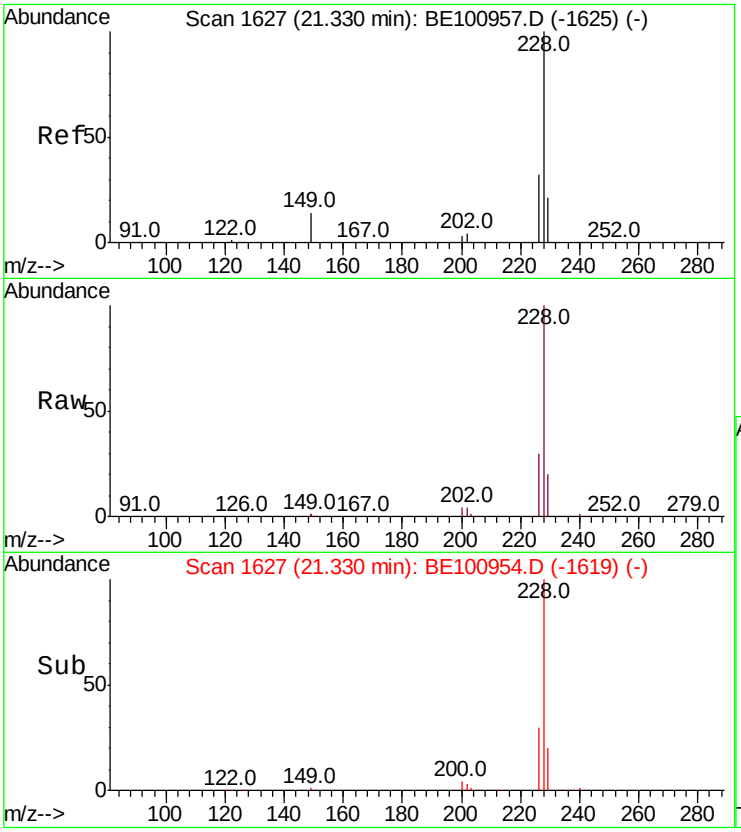


#30
Benzo(a)anthracene
Concen: 5.460 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:228 Resp: 349587

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	20.3	15.9	23.9



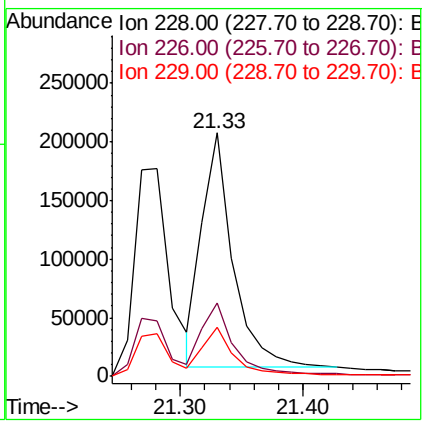


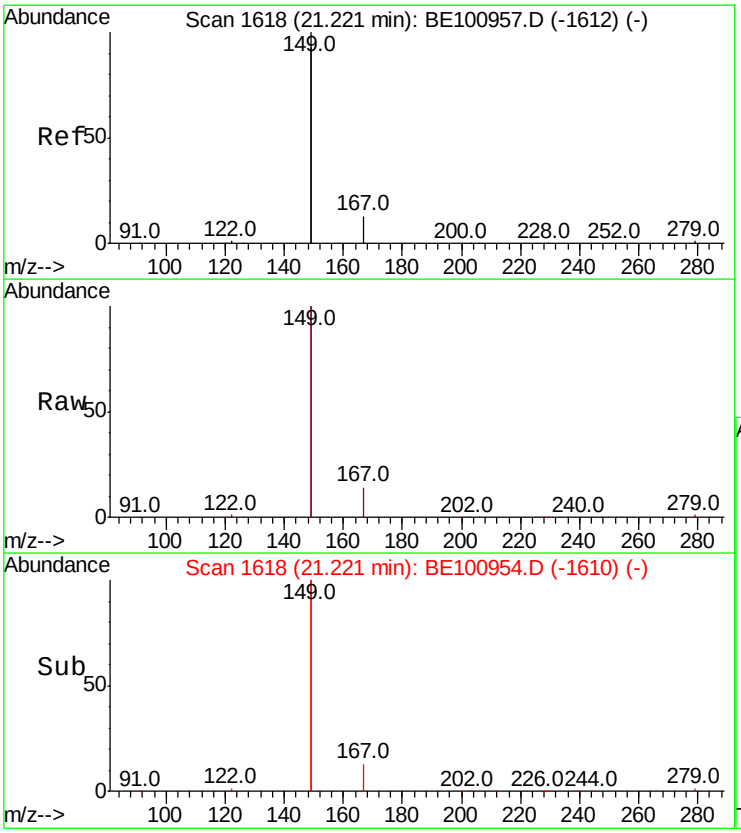
#31
Chrysene
Concen: 4.692 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 352942

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.9	16.6	24.8

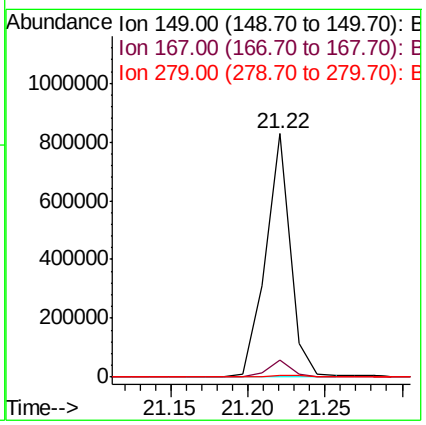


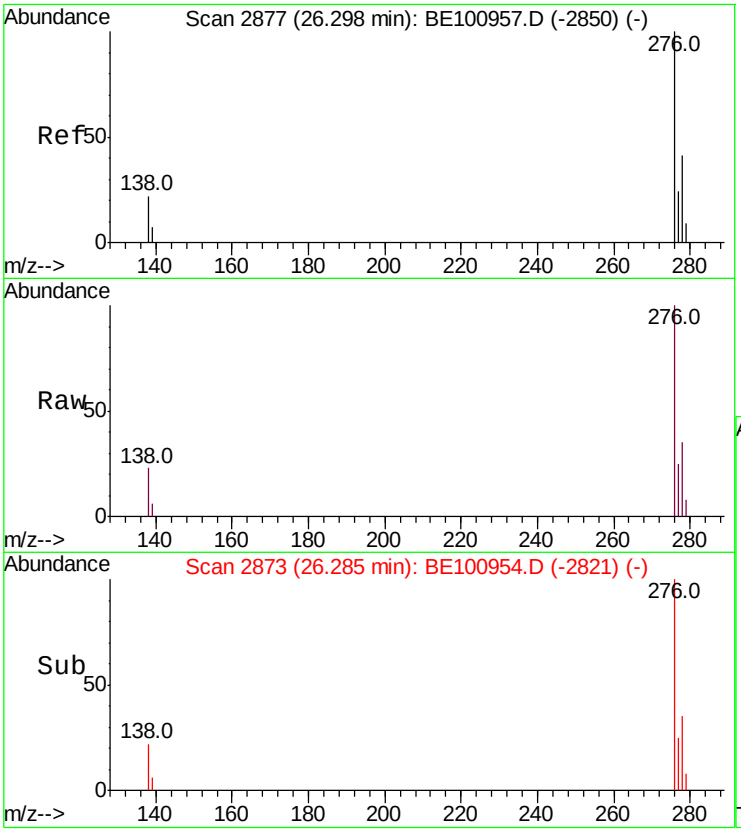


#32
Bis(2-ethylhexyl)phthalate
Concen: 15.917 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:149 Resp: 923584

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



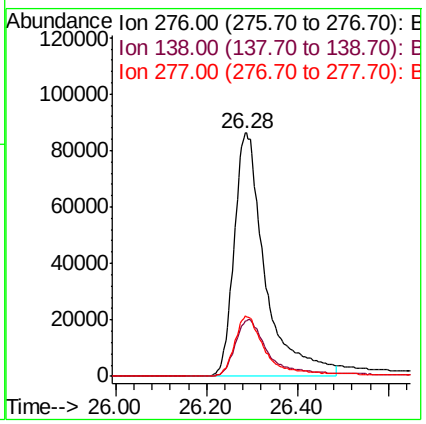


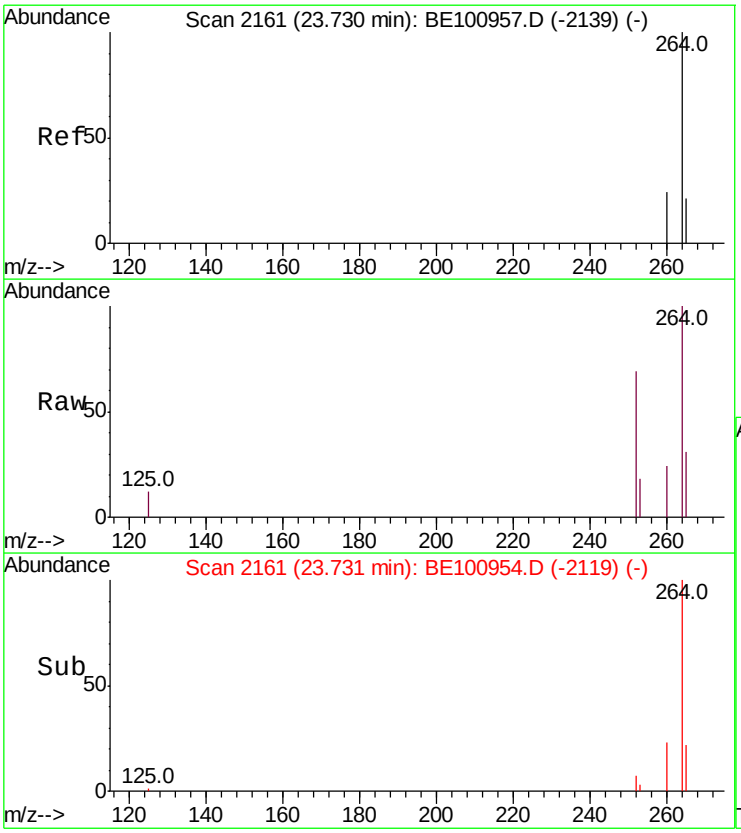
#33
Indeno(1,2,3-cd)pyrene
Concen: 6.226 ng
RT: 26.28 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 407986

Ion	Ratio	Lower	Upper
276	100		
138	24.8	9.0	13.4#
277	25.0	5.9	8.9#

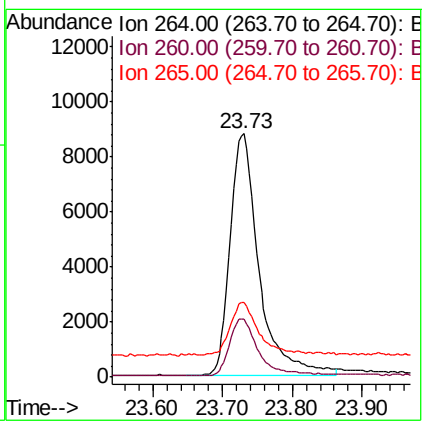


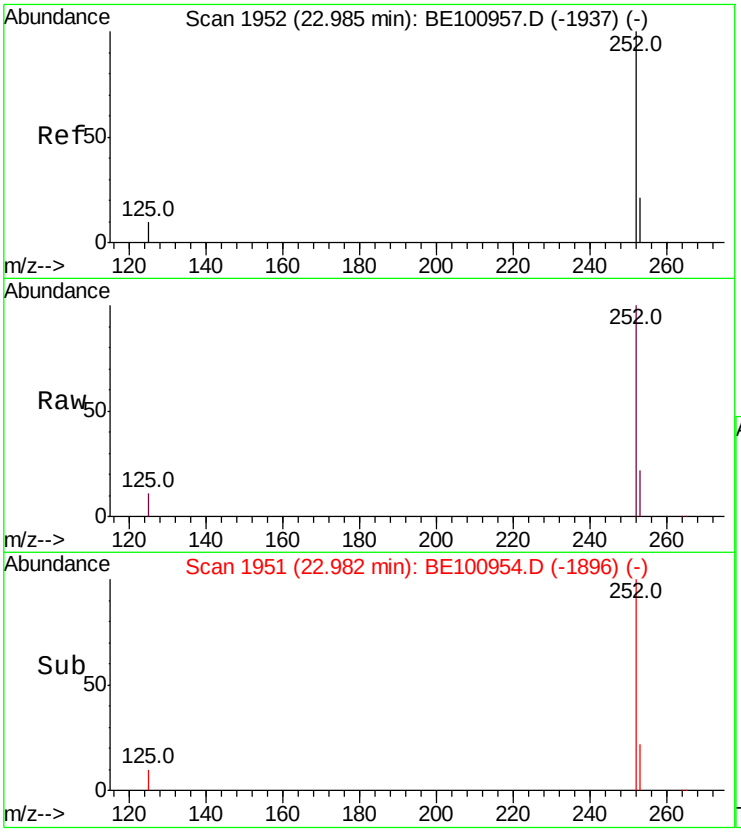


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:264 Resp: 25032

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	30.5	26.4	39.6



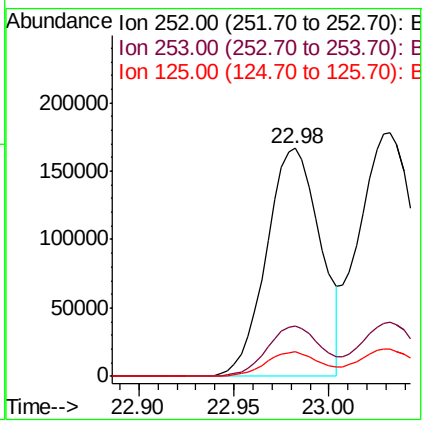


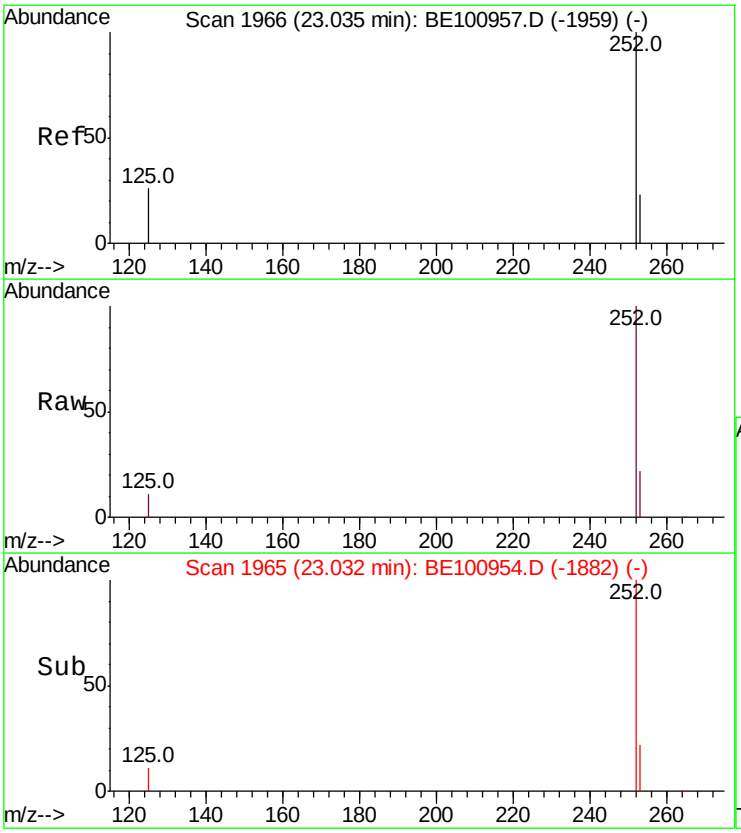
#35
Benzo(b)fluoranthene
Concen: 4.788 ng
RT: 22.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 328090

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	10.6	10.2	15.2

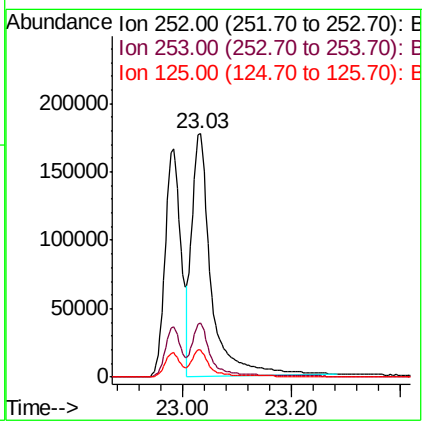


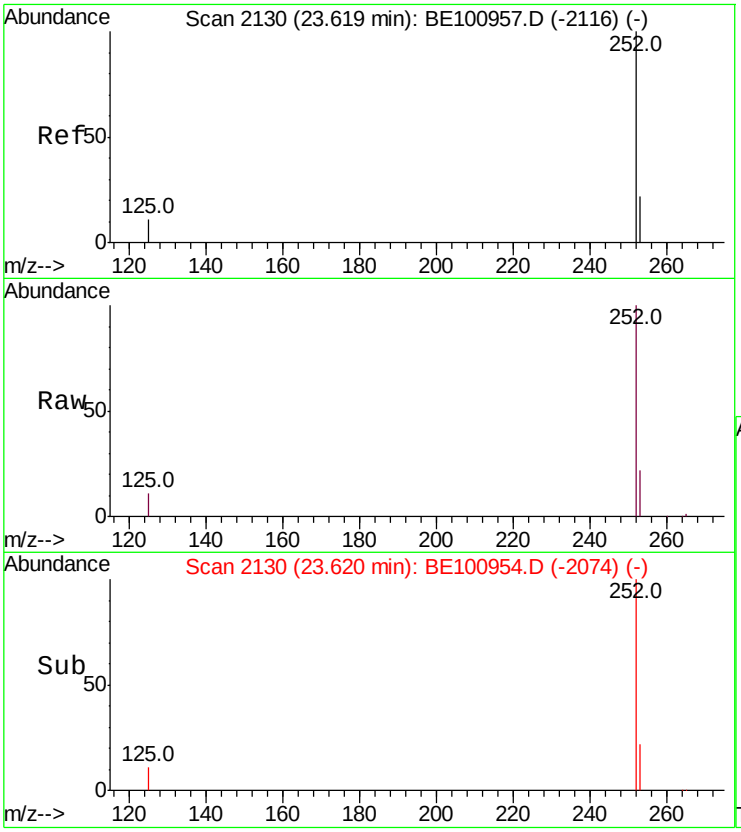


#36
Benzo(k)fluoranthene
Concen: 5.744 ng
RT: 23.03 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:252 Resp: 441452

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	11.1	17.9	26.9#



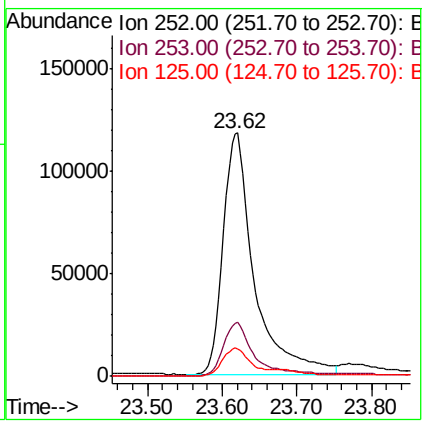


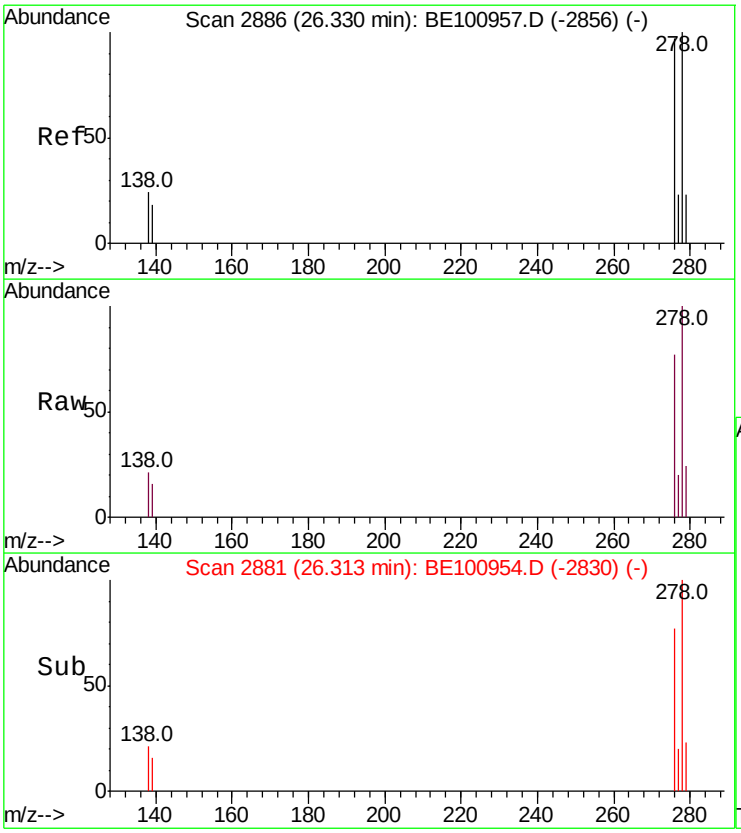
#37
Benzo(a)pyrene
Concen: 5.711 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 338836

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.9	29.9
125	11.4	12.3	18.5#

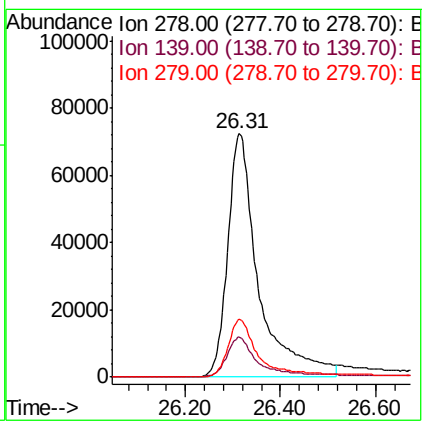


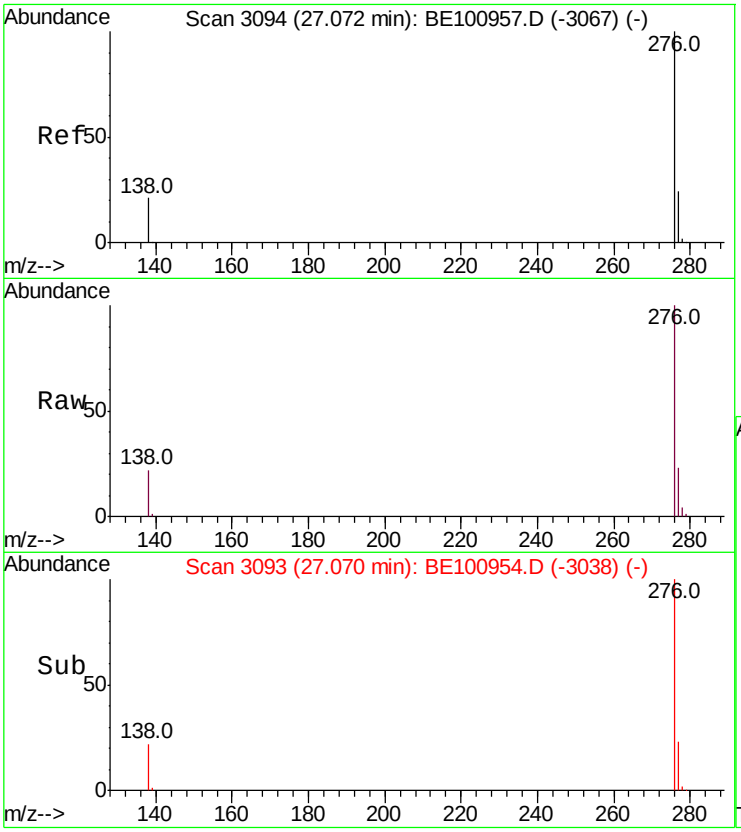


#38
Dibenzo(a,h)anthracene
Concen: 5.506 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Tgt Ion:278 Resp: 325018

Ion	Ratio	Lower	Upper
278	100		
139	16.4	17.0	25.6#
279	23.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 5.623 ng
RT: 27.07 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE100954.D
Acq: 19 Dec 2019 20:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 354914

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.9	29.9
138	22.2	18.4	27.6