Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100855.D
Acq On : 11 Dec 2019 20:34
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 12 04:43:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4887	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	23990	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13467	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	29534	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	24257	0.40	ng		0.00
34) Perylene-d12	23.74	264	28345	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	5278	0.46	ng		0.00
5) Phenol-d6	6.93	99	8396	0.48	ng		0.00
8) Nitrobenzene-d5	8.90	82	6310	0.55	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	15999	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	902	0.60	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	22503	0.42	ng		-0.01
25) Fluoranthene-d10	19.15	212	128921	0.37	ng		-0.01
29) Terphenyl-d14	19.76	244	26532	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	4096	0.460	ng		98
3) n-Nitrosodimethylamine	3.65	42	3127	0.431	ng		95
6) bis(2-Chloroethyl)ether	7.19	93	7840	0.463	ng		94
9) Naphthalene	10.59	128	115991	0.455	ng		100
10) Hexachlorobutadiene	10.89	225	4404	0.443	ng		98
12) 2-Methylnaphthalene	12.21	142	18358	0.461	ng		99
16) Acenaphthylene	14.11	152	24706	0.443	ng		100
17) Acenaphthene	14.46	154	17416	0.454	ng		98
18) Fluorene	15.42	166	22292	0.450	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	6461	0.446	ng	#	77
21) Hexachlorobenzene	16.44	284	7109	0.452	ng		98
22) Pentachlorophenol	16.77	266	570	0.523	ng		88
23) Phenanthrene	17.16	178	39977	0.447	ng		99
24) Anthracene	17.25	178	31252	0.418	ng		98
26) Fluoranthene	19.18	202	40846	0.383	ng		100
28) Pyrene	19.54	202	39666	0.503	ng		100
30) Benzo(a)anthracene	21.28	228	31677	0.443	ng		99
31) Chrysene	21.34	228	40675	0.484	ng		96
32) Bis(2-ethylhexyl)phthalate	21.23	149	29354	0.581	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	35519	0.485	ng		99
35) Benzo(b)fluoranthene	23.00	252	33211	0.428	ng		99
36) Benzo(k)fluoranthene	23.05	252	37716	0.433	ng		99
37) Benzo(a)pyrene	23.63	252	27865	0.415	ng		99
38) Dibenzo(a,h)anthracene	26.34	278	28634	0.428	ng		99
39) Benzo(g,h,i)perylene	27.10	276	31708	0.444	ng		99

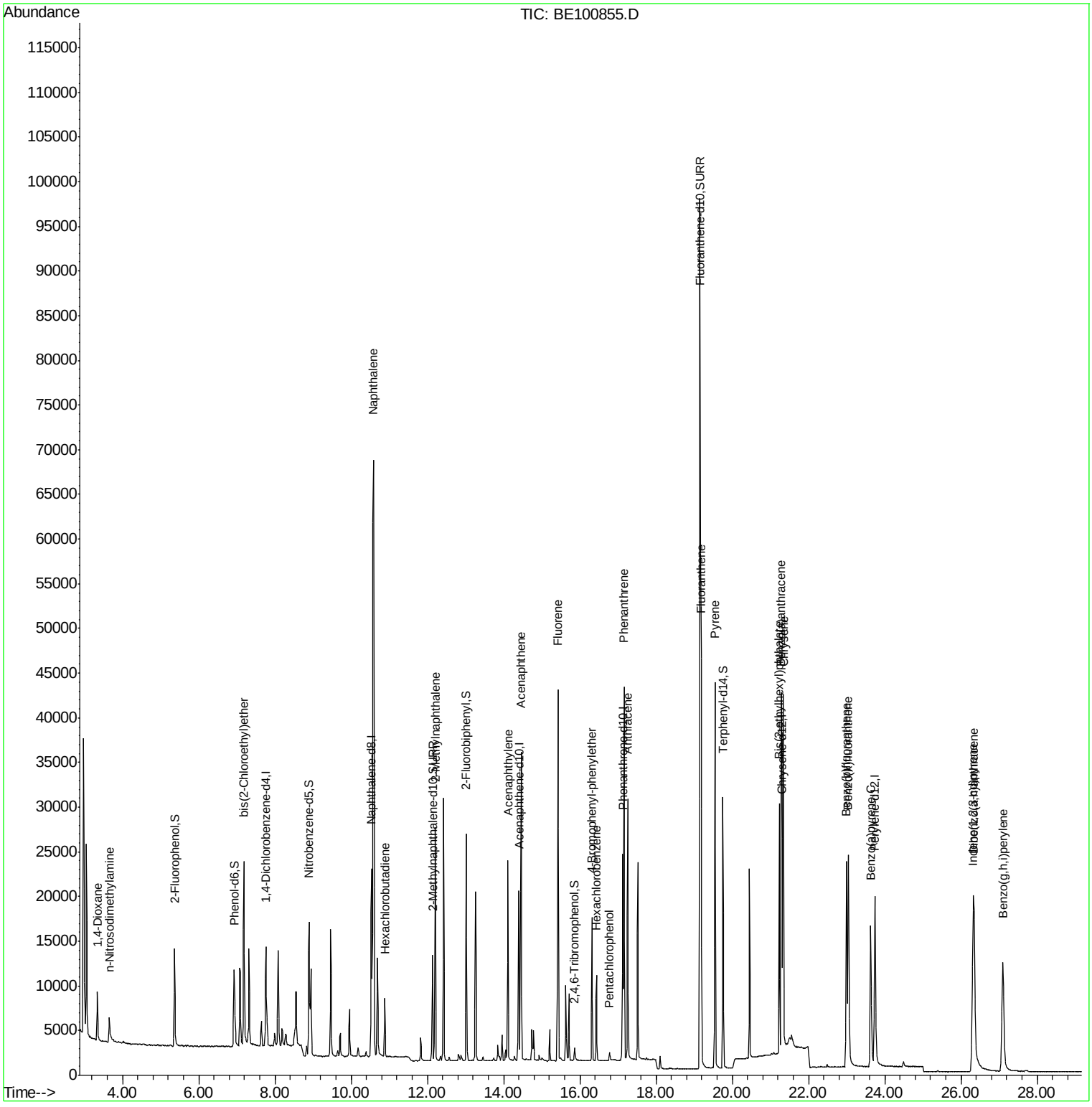
(#) = qualifier out of range (m) = manual integration (+) = signals summed

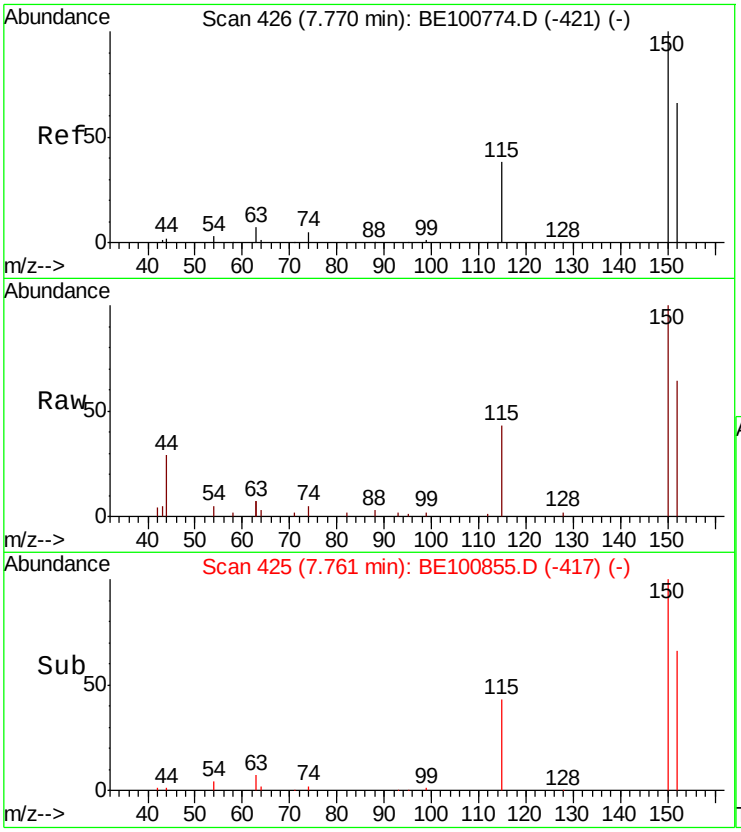
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100855.D
Acq On : 11 Dec 2019 20:34
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 12 04:43:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



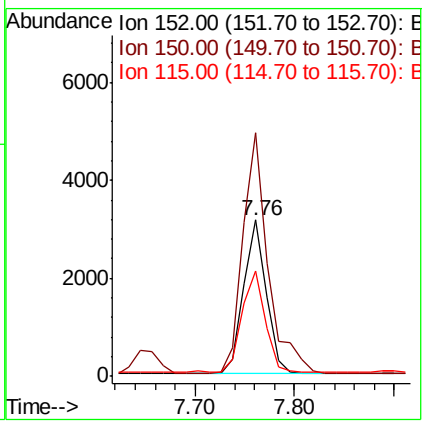


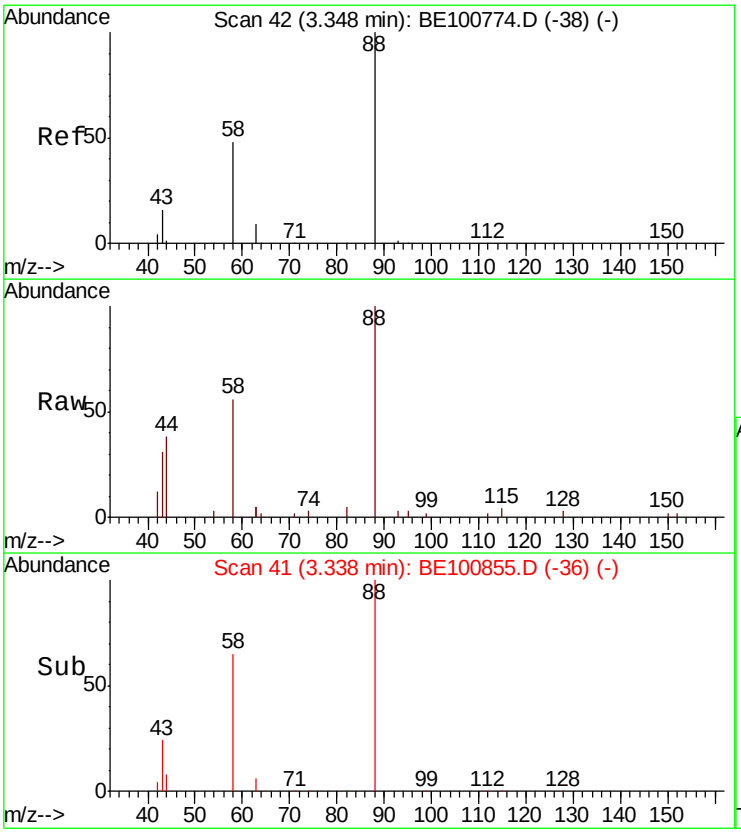
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4887

Ion	Ratio	Lower	Upper
152	100		
150	155.7	120.6	181.0
115	67.5	47.4	71.2

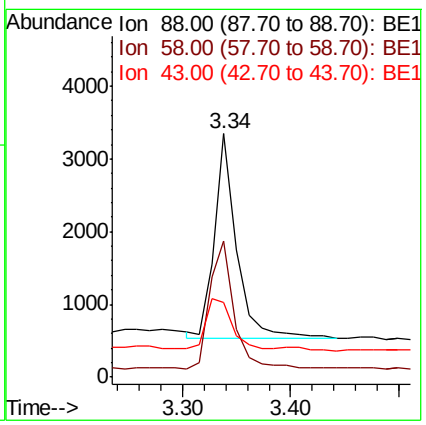


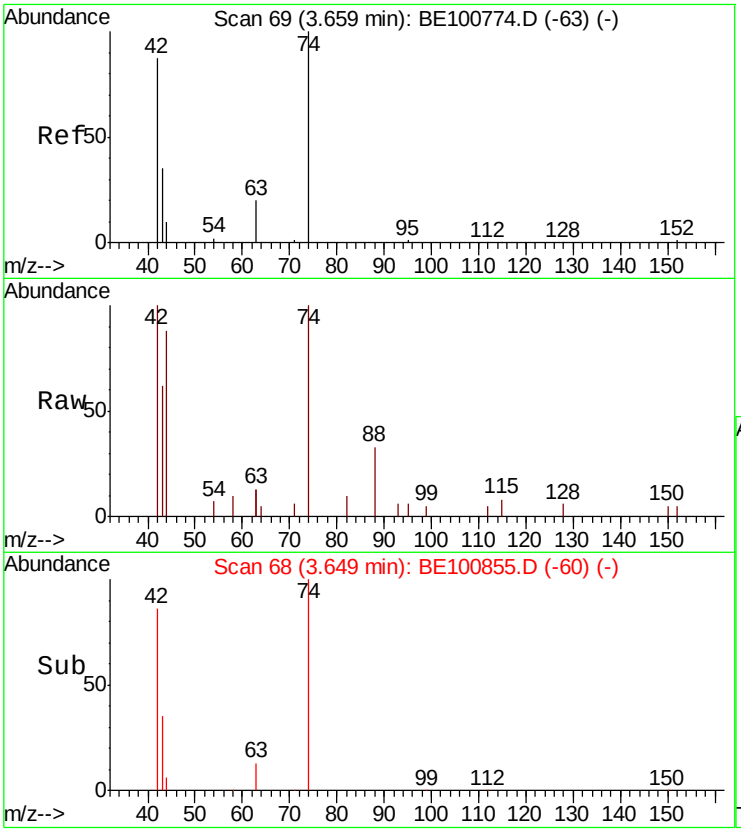


#2
1,4-Dioxane
Concen: 0.460 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion: 88 Resp: 4096

Ion	Ratio	Lower	Upper
88	100		
58	67.6	52.5	78.7
43	28.1	23.0	34.6



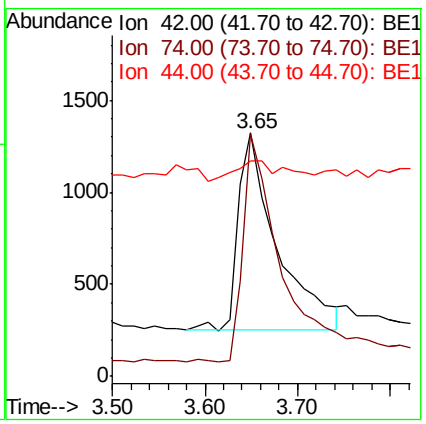


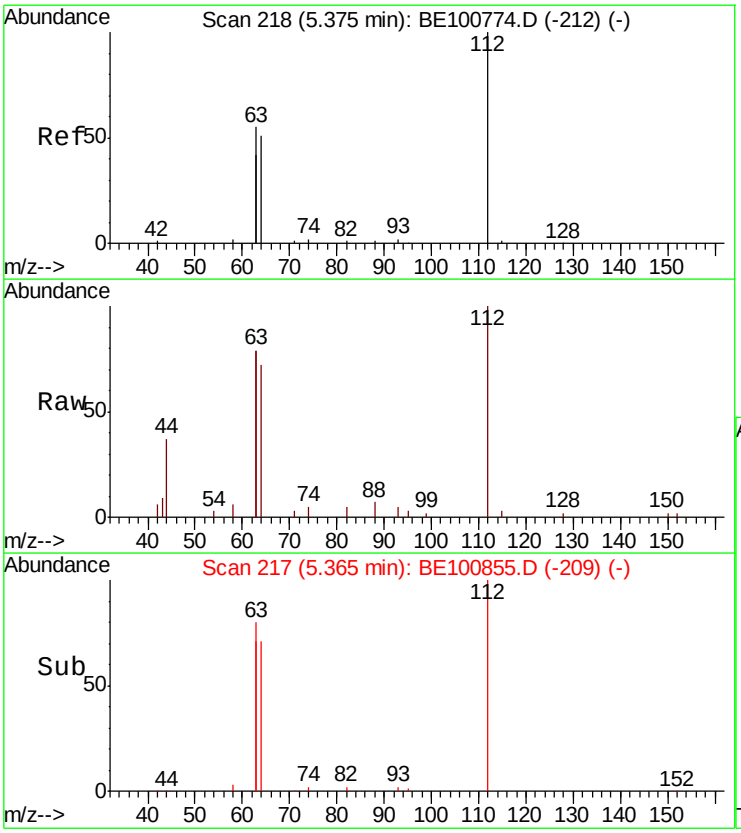
#3
n-Nitrosodimethylamine
Concen: 0.431 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3127

Ion	Ratio	Lower	Upper
42	100		
74	113.6	86.3	129.5
44	13.8	11.6	17.4

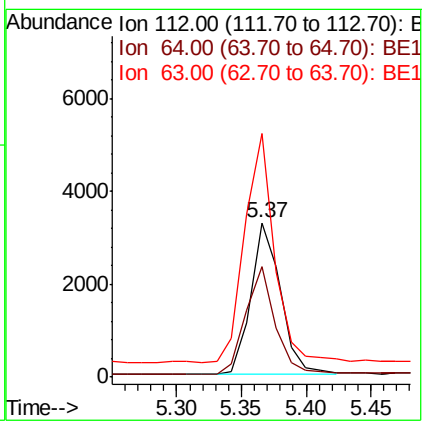


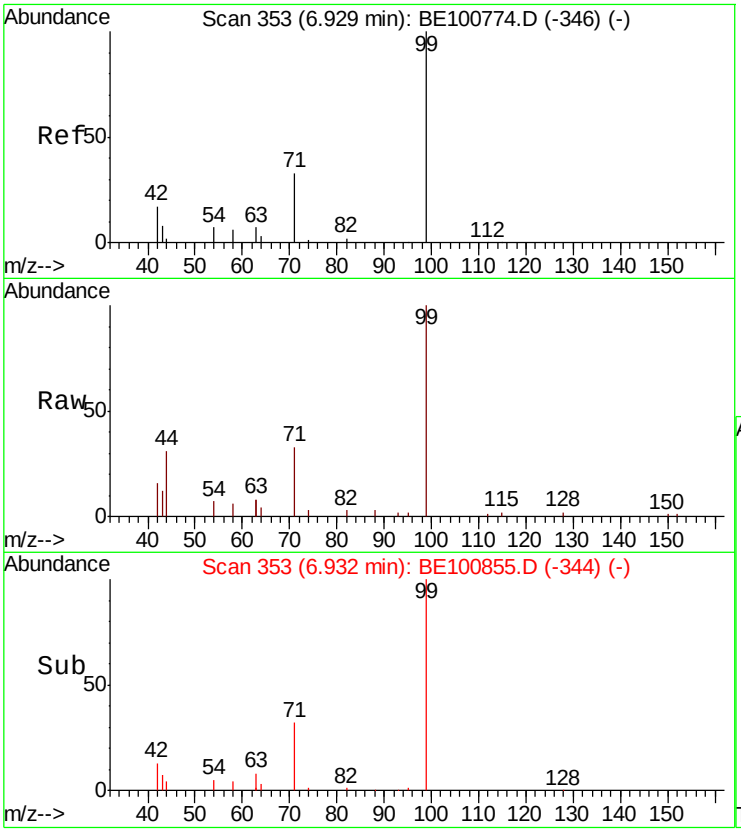


#4
2-Fluorophenol
Concen: 0.455 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:112 Resp: 5278

Ion	Ratio	Lower	Upper
112	100		
64	69.7	54.1	81.1
63	149.1	113.2	169.8



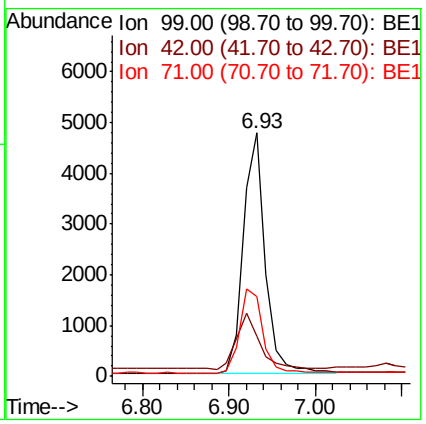


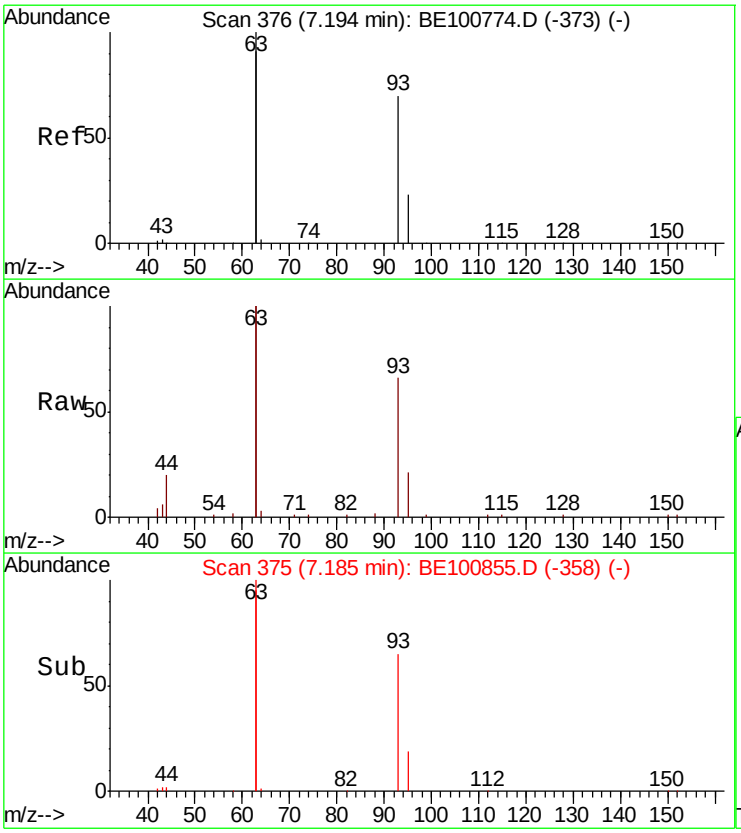
#5
Phenol-d6
Concen: 0.480 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8396

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.1	28.7
71	36.6	27.7	41.5

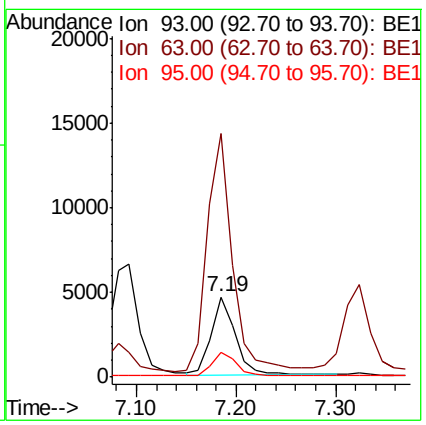


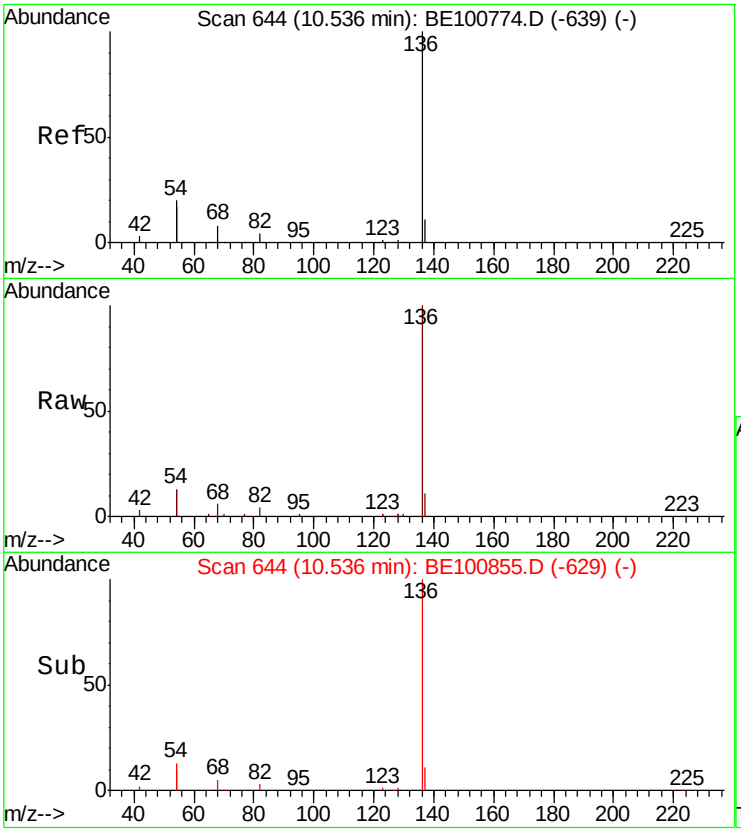


#6
bis(2-Chloroethyl)ether
Concen: 0.463 ng
RT: 7.19 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion: 93 Resp: 7840

Ion	Ratio	Lower	Upper
93	100		
63	311.1	259.4	389.0
95	31.3	26.2	39.2



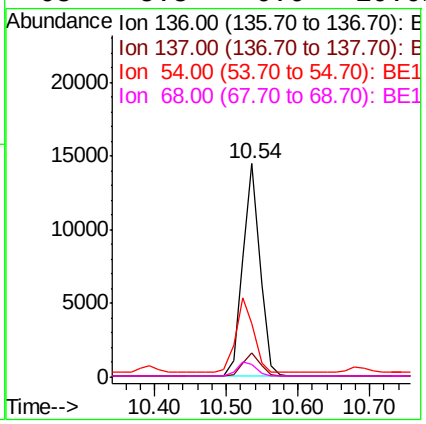


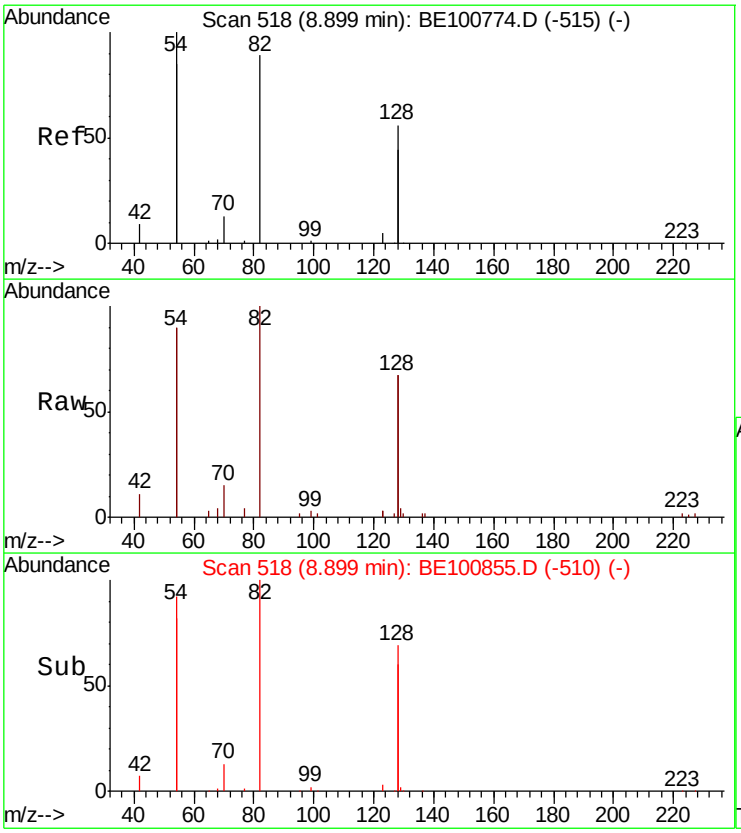
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 23990

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	25.1	31.1	46.7#
68	5.8	6.6	10.0#

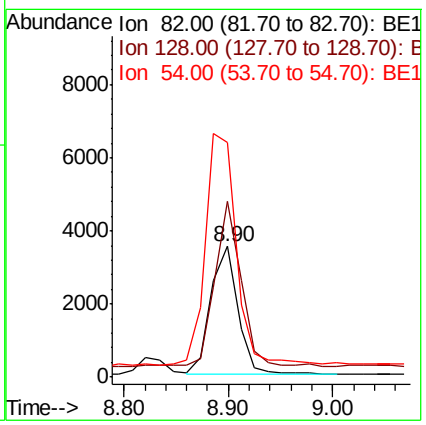


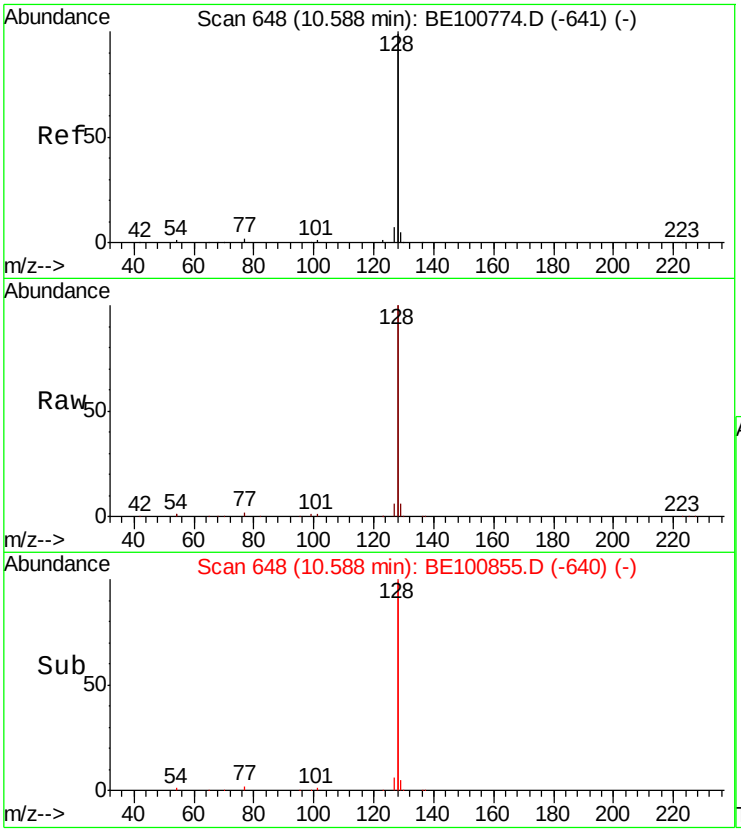


#8
Nitrobenzene-d5
Concen: 0.552 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion: 82 Resp: 6310

Ion	Ratio	Lower	Upper
82	100		
128	133.9	97.0	145.4
54	179.4	171.8	257.6



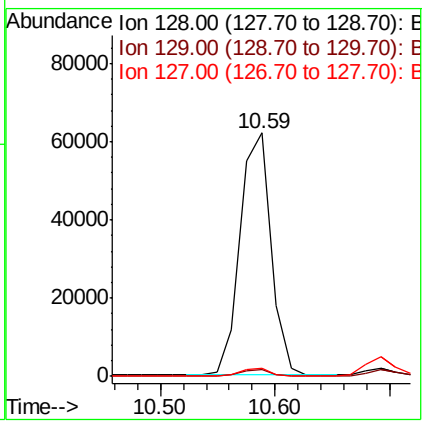


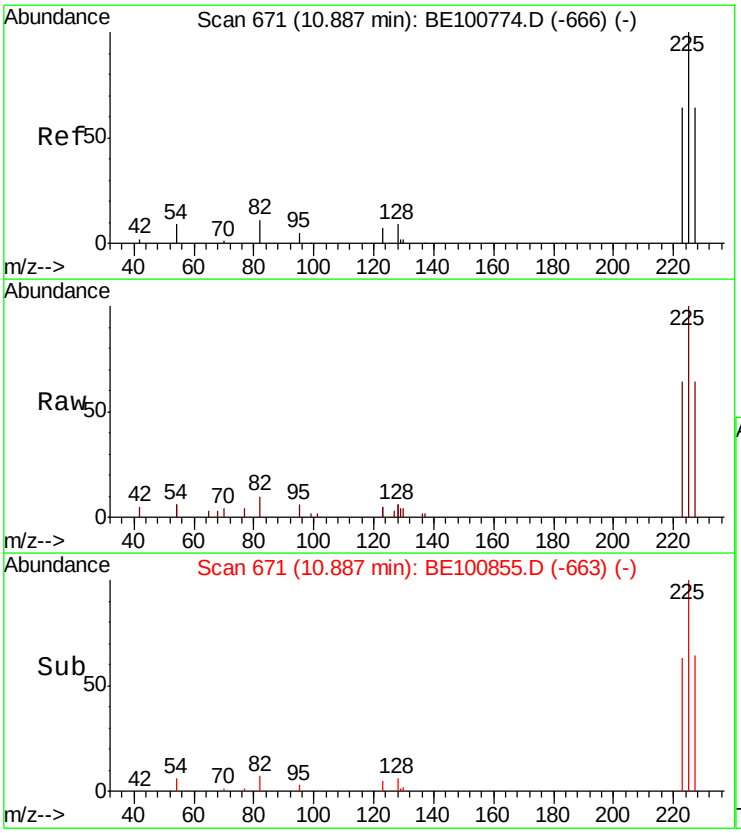
#9
Naphthalene
Concen: 0.455 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 115991

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.2	2.7	4.1

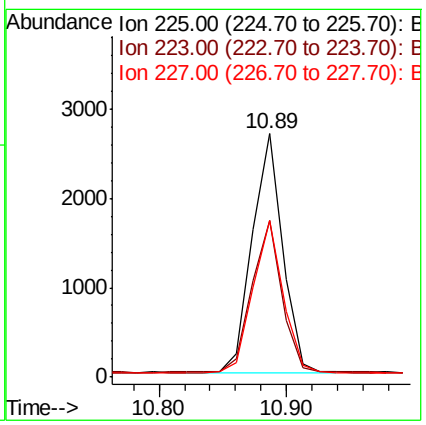


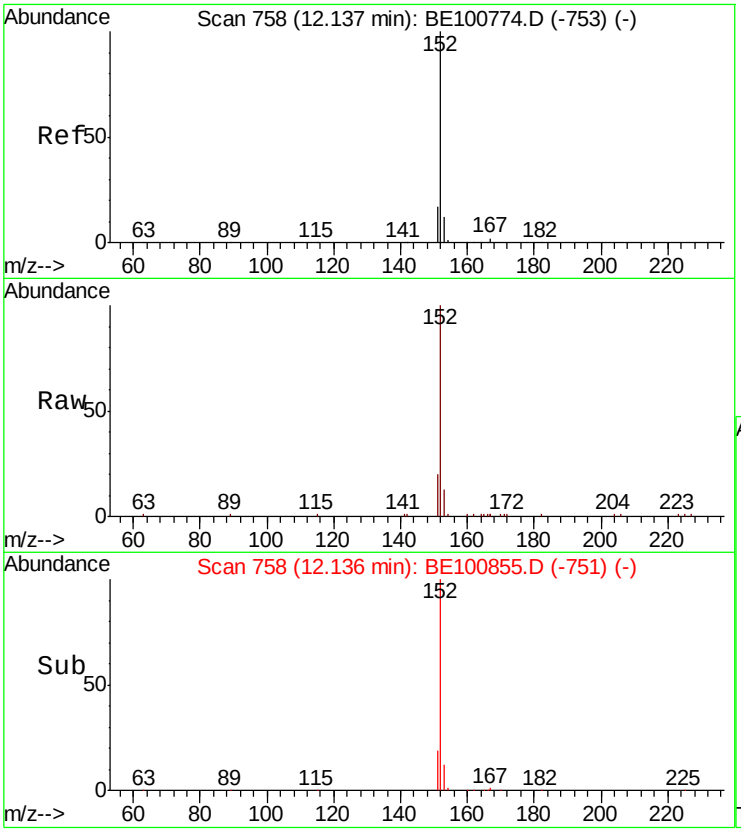


#10
Hexachlorobutadiene
Concen: 0.443 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:225 Resp: 4404

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	63.0	52.2	78.4



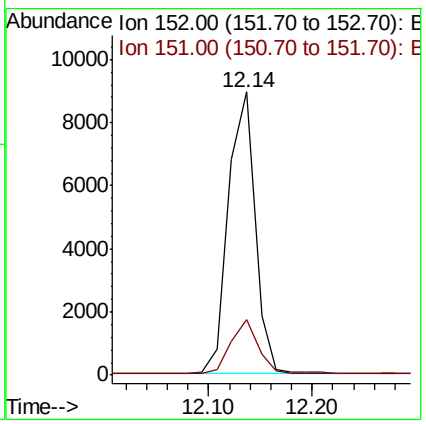


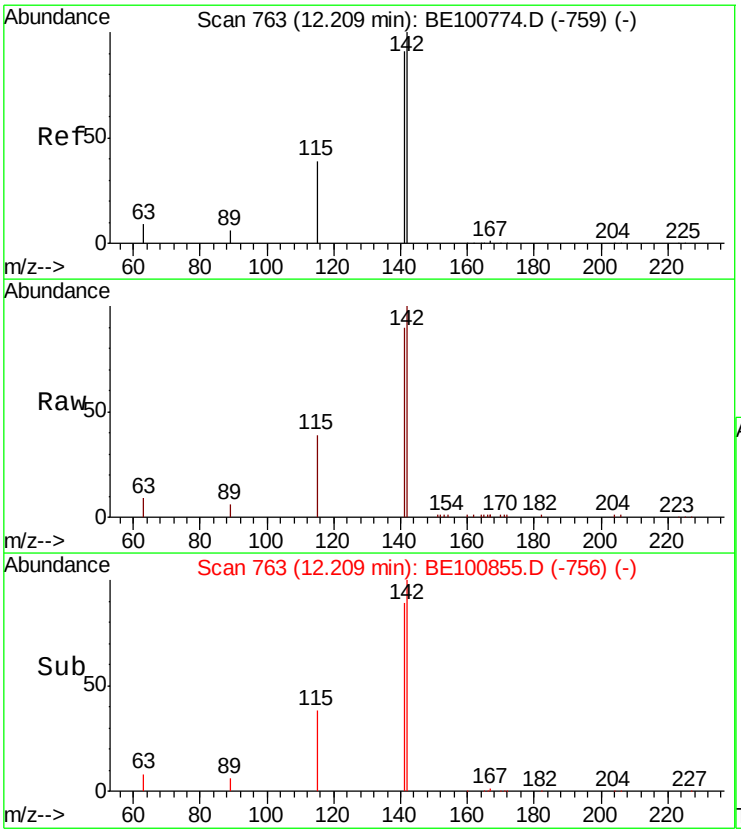
#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 15999

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

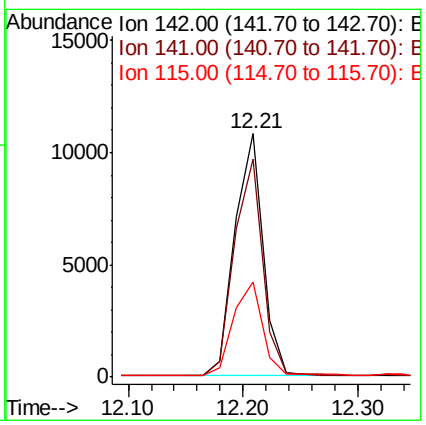


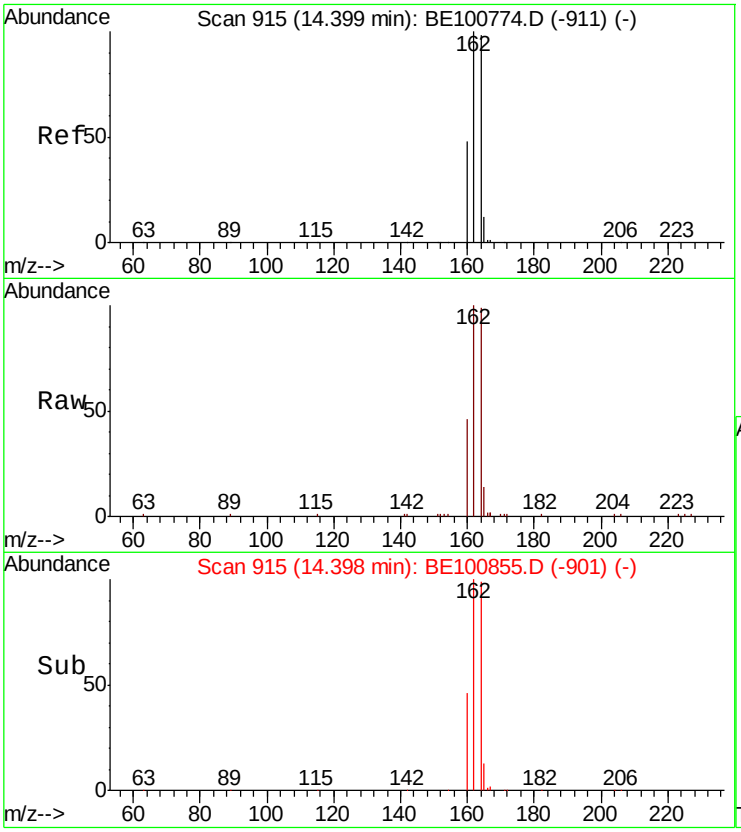


#12
2-Methylnaphthalene
Concen: 0.461 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:142 Resp: 18358

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8
115	39.1	31.8	47.6



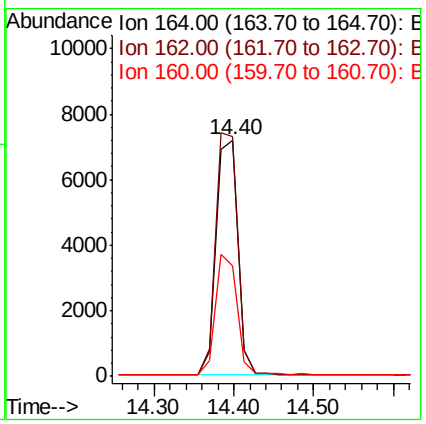


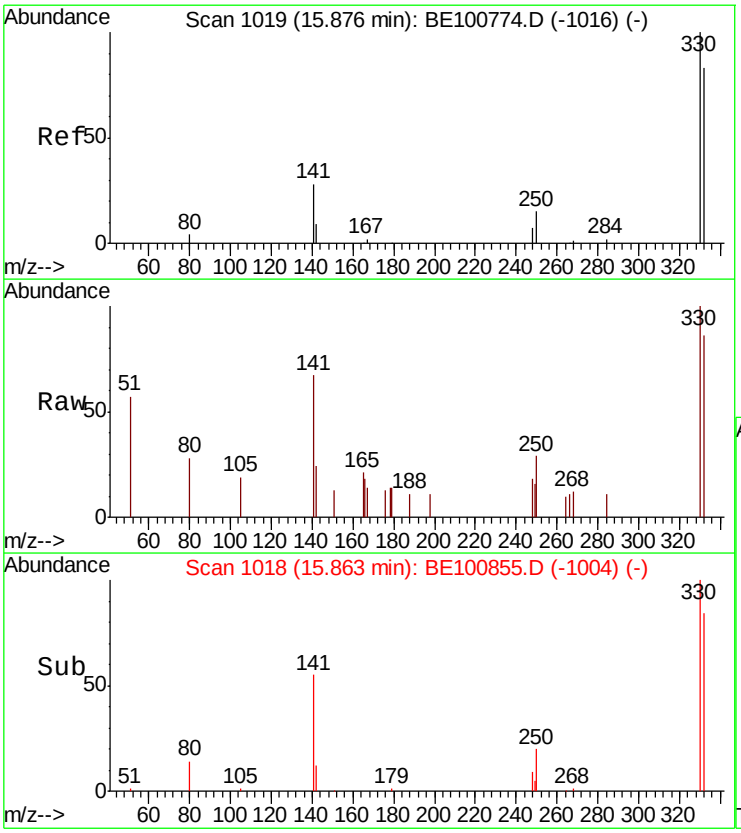
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 13467

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	46.8	39.4	59.0

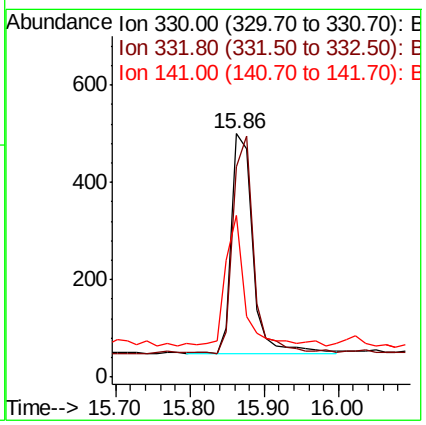


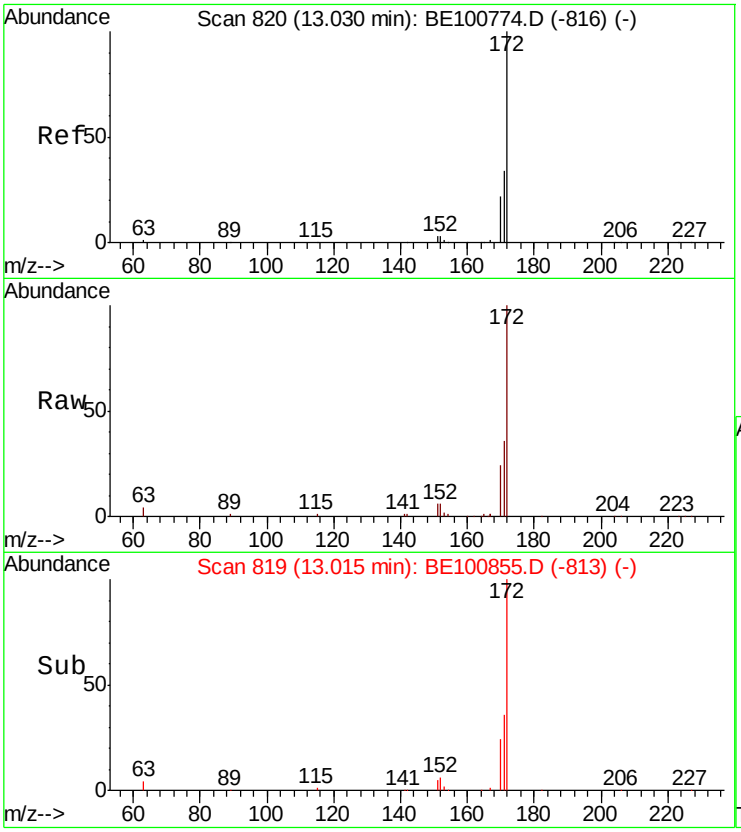


#14
2,4,6-Tribromophenol
Concen: 0.602 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:330 Resp: 902

Ion	Ratio	Lower	Upper
330	100		
332	93.9	69.4	104.2
141	55.7	51.1	76.7



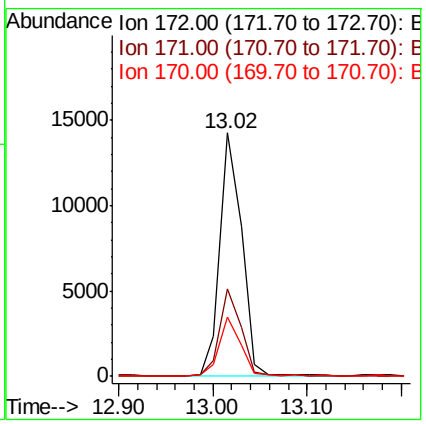


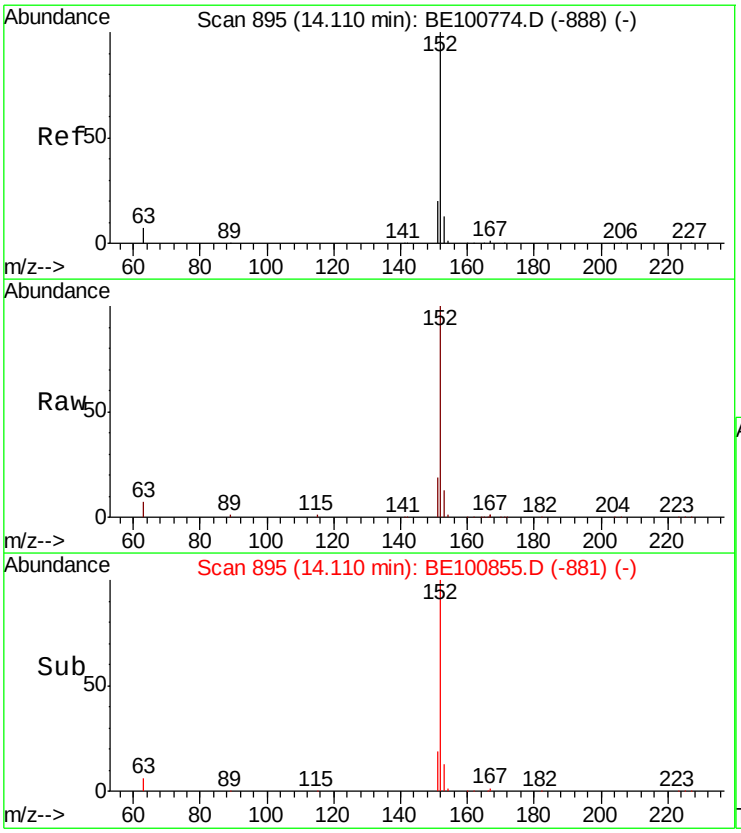
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 22503

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.2	40.8
170	24.3	18.0	27.0

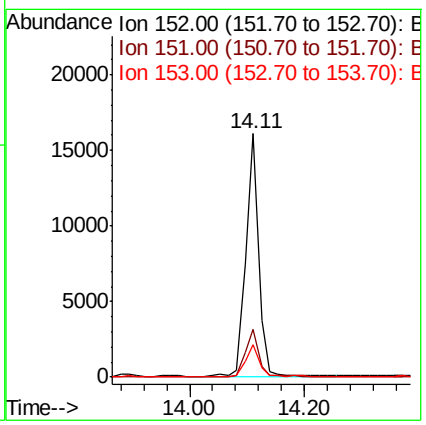


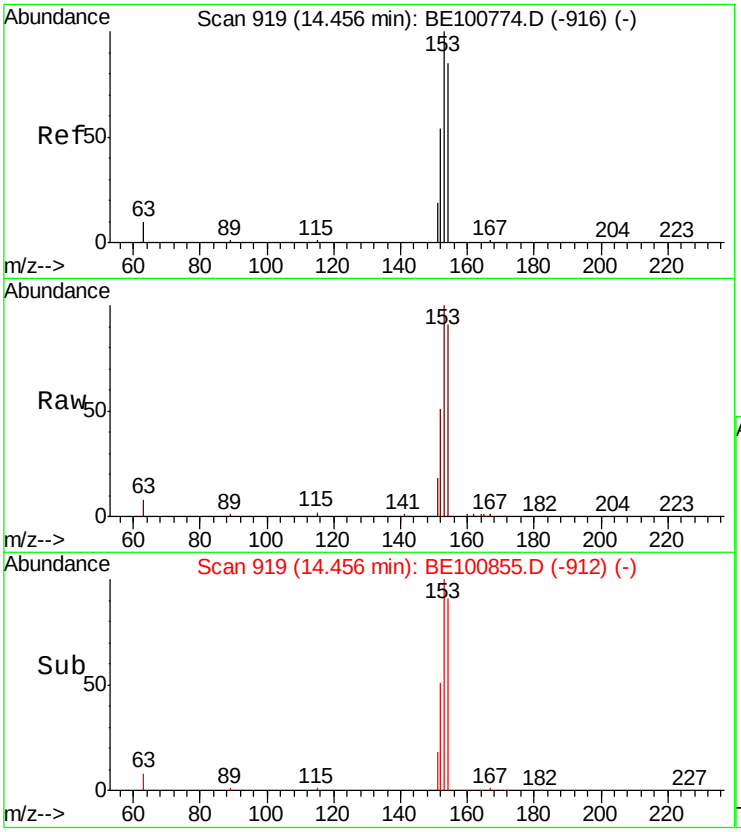


#16
Acenaphthylene
Concen: 0.443 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:152 Resp: 24706

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.4	15.6



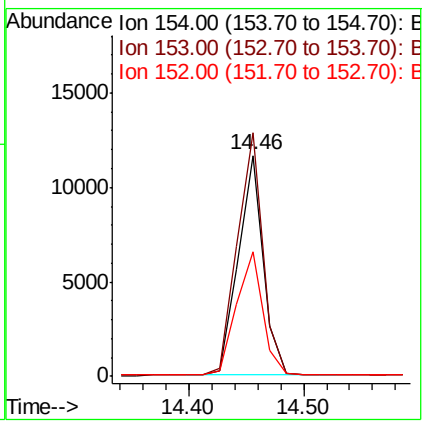


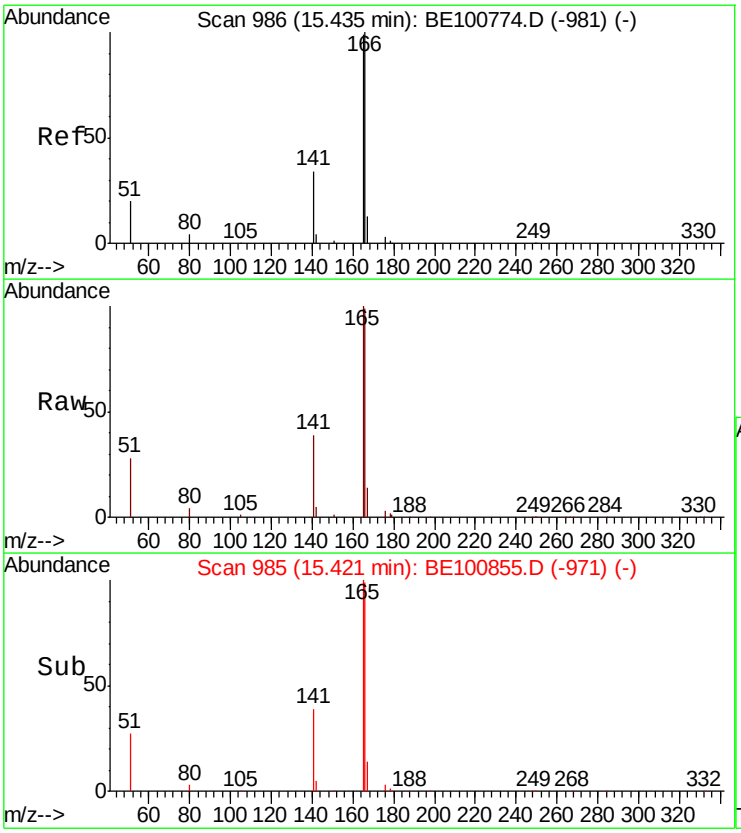
#17
Acenaphthene
Concen: 0.454 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 17416

Ion	Ratio	Lower	Upper
154	100		
153	112.9	92.2	138.2
152	59.8	49.1	73.7

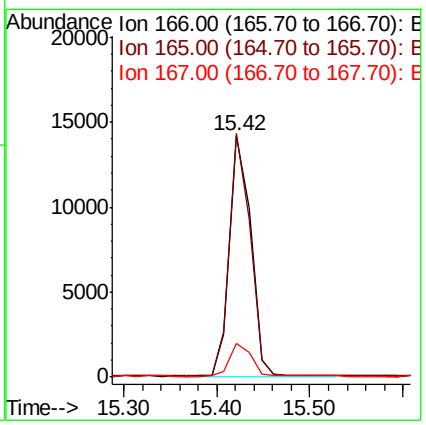


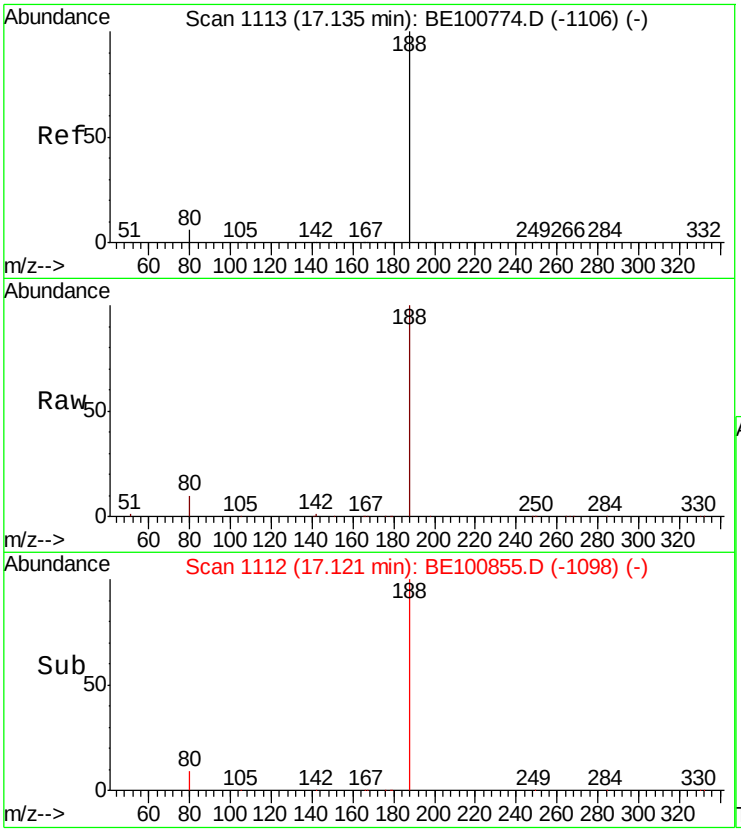


#18
Fluorene
Concen: 0.450 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:166 Resp: 22292

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.5	120.7
167	13.8	10.7	16.1



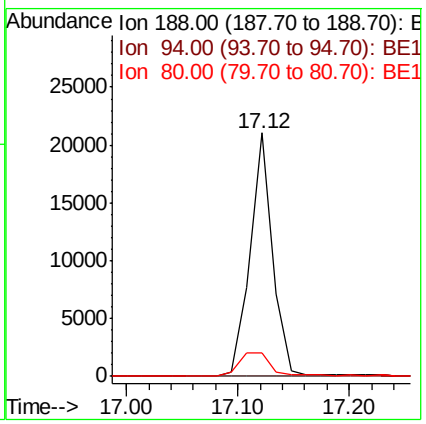


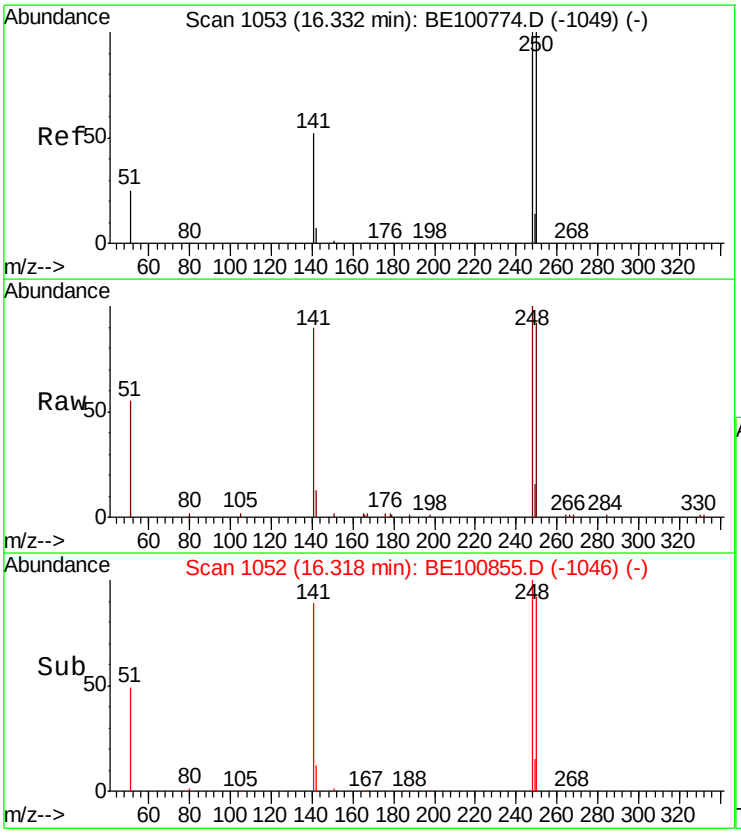
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 29534

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	5.2	7.8#

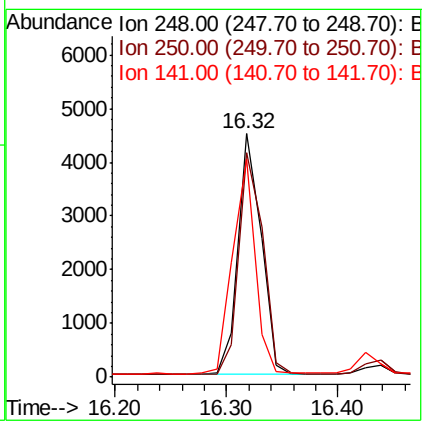


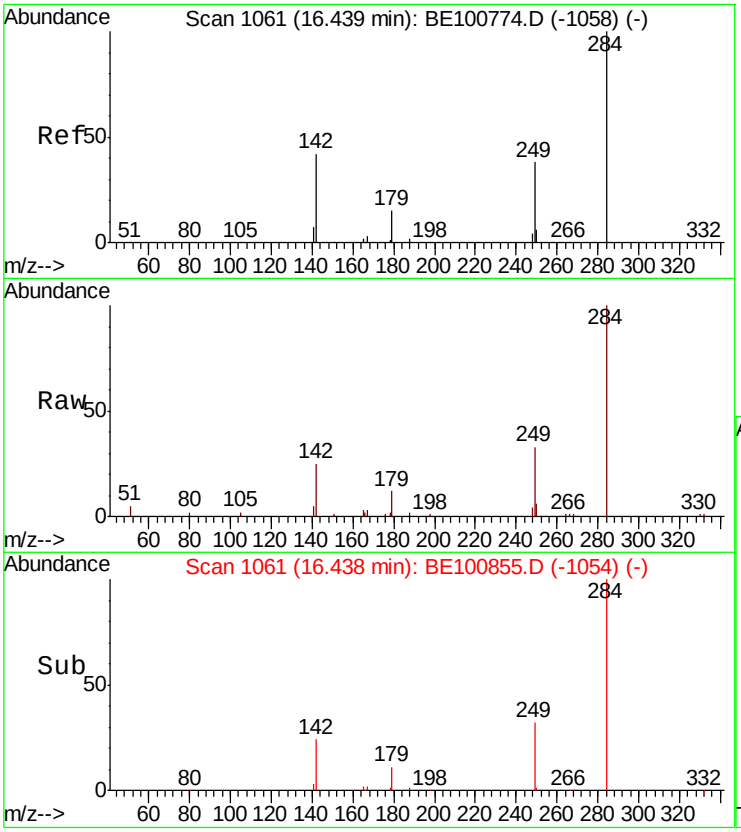


#20
4-Bromophenyl-phenylether
Concen: 0.446 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:248 Resp: 6461

Ion	Ratio	Lower	Upper
248	100		
250	92.0	80.5	120.7
141	89.5	42.6	64.0#



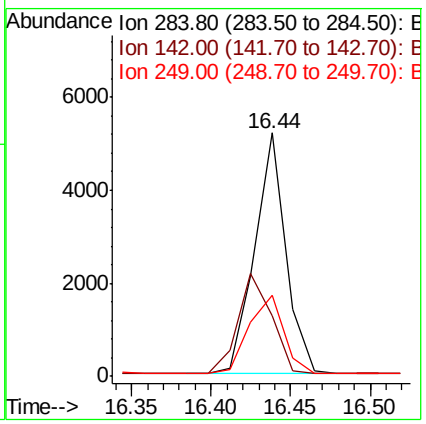


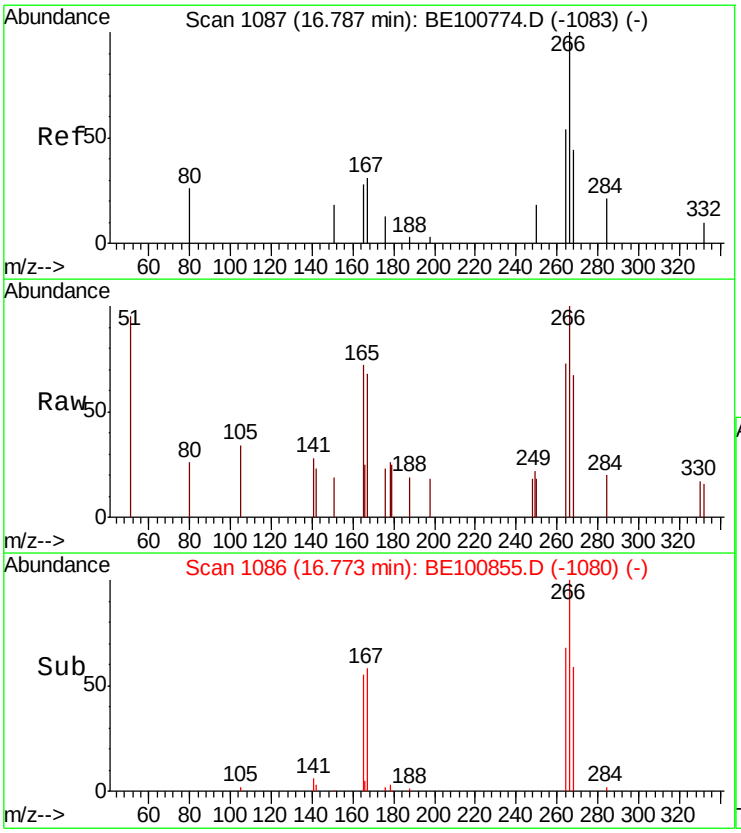
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7109

Ion	Ratio	Lower	Upper
284	100		
142	45.0	34.4	51.6
249	36.2	28.5	42.7

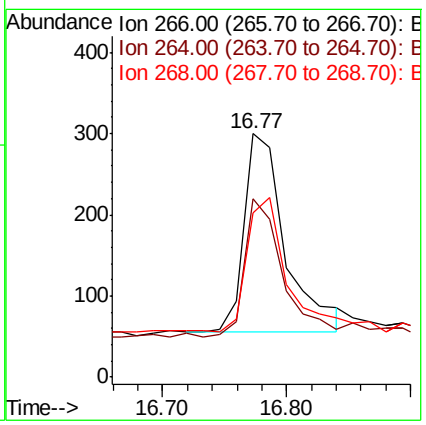


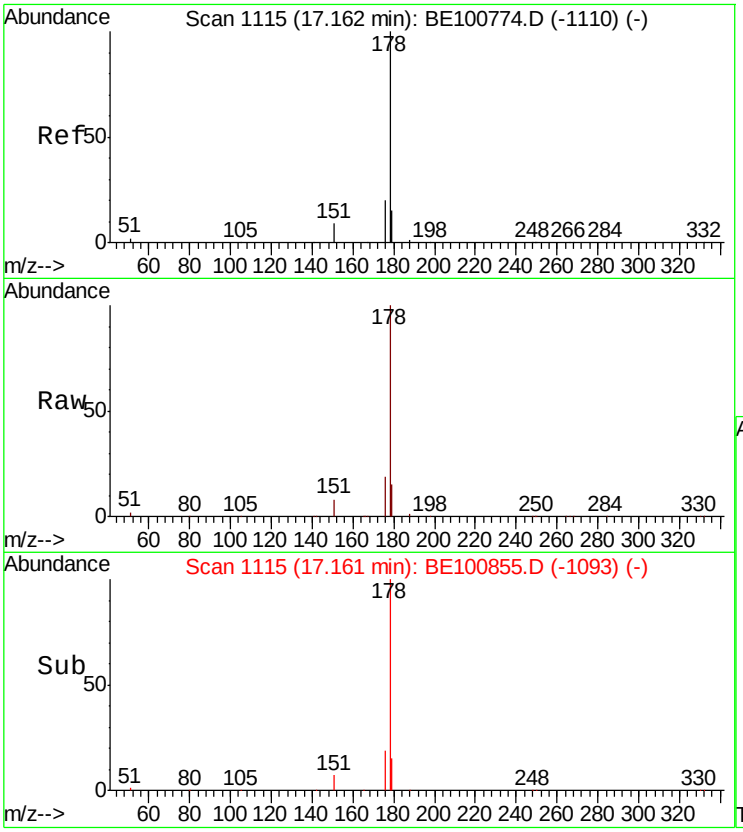


#22
Pentachlorophenol
Concen: 0.523 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:266 Resp: 570

Ion	Ratio	Lower	Upper
266	100		
264	73.0	63.4	95.0
268	67.3	65.8	98.8



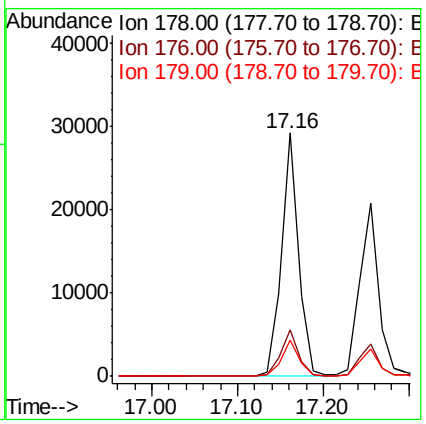


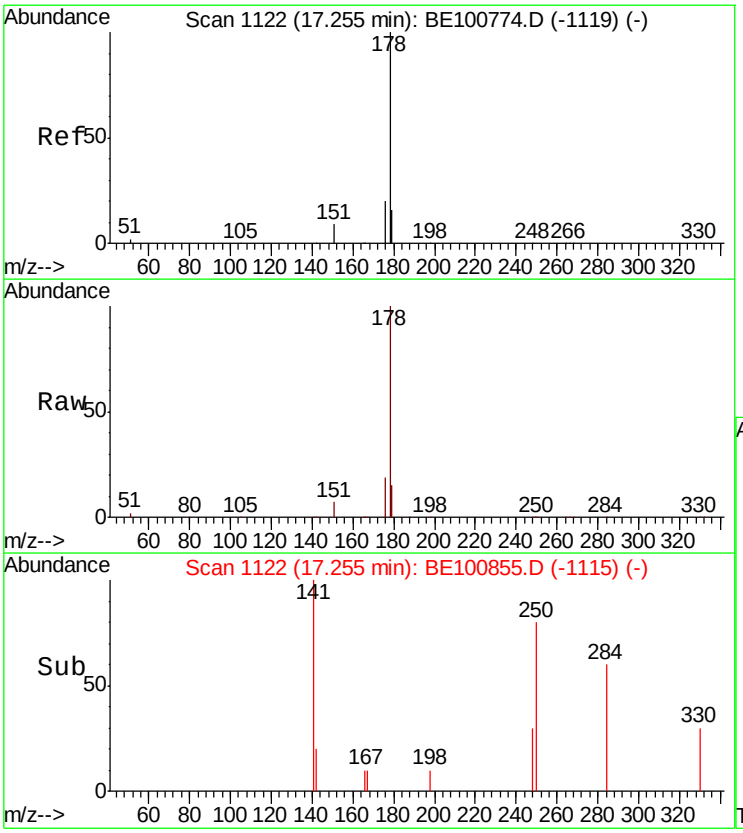
#23
Phenanthrene
Concen: 0.447 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 39977

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.1	12.3	18.5

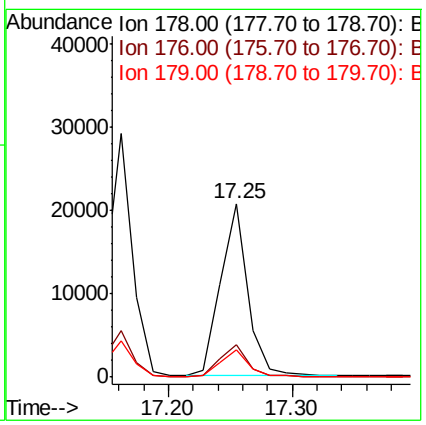


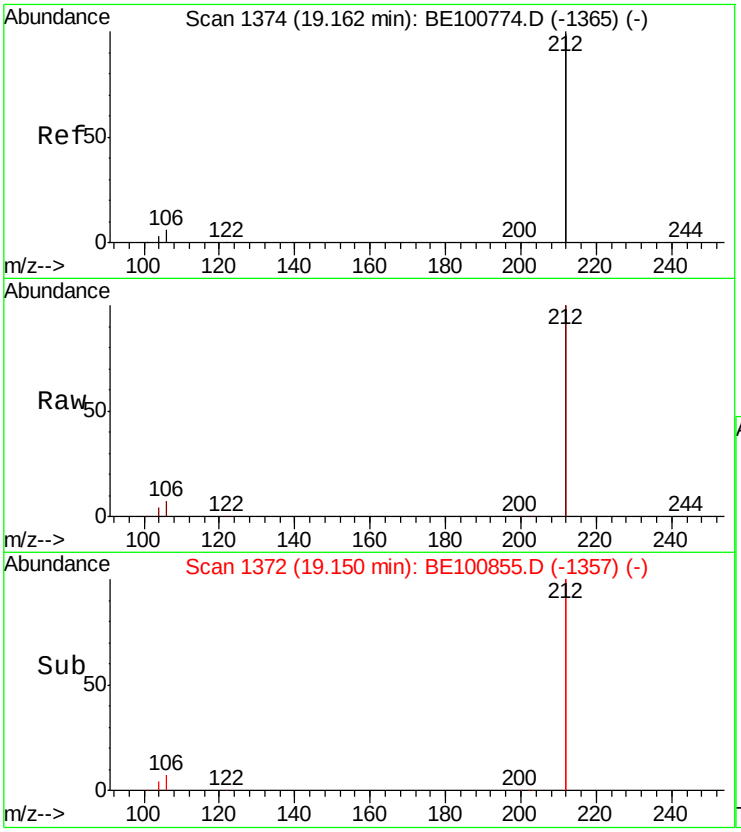


#24
Anthracene
Concen: 0.418 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:178 Resp: 31252

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.0	12.7	19.1



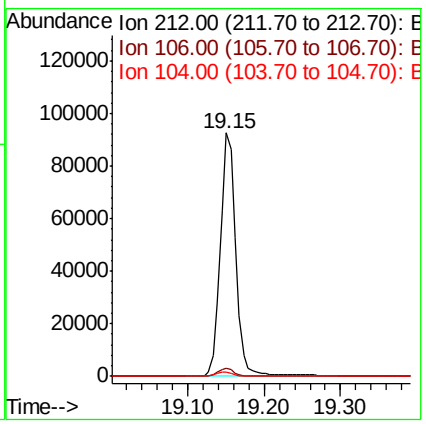


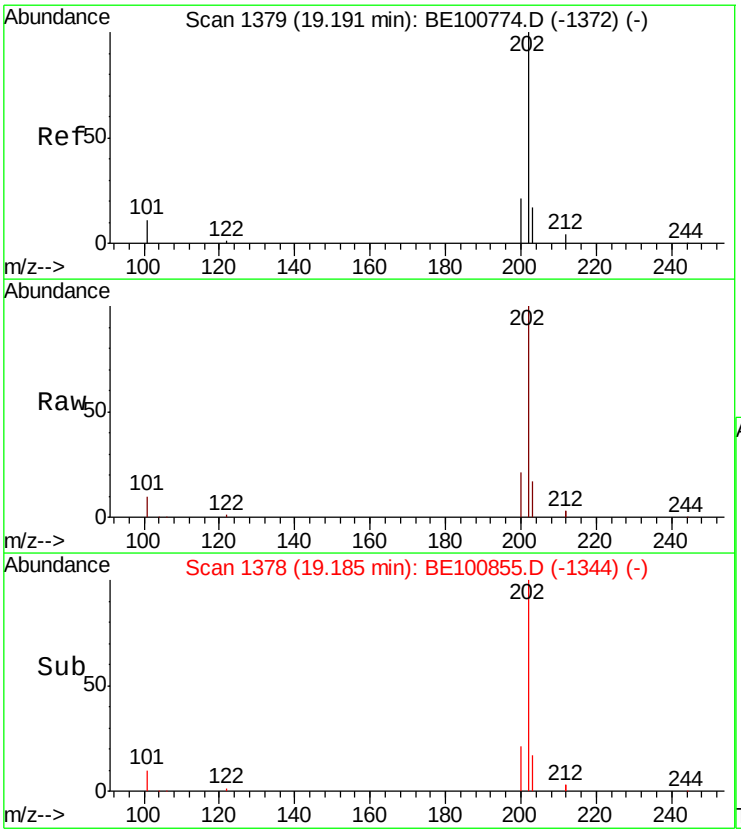
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 128921

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

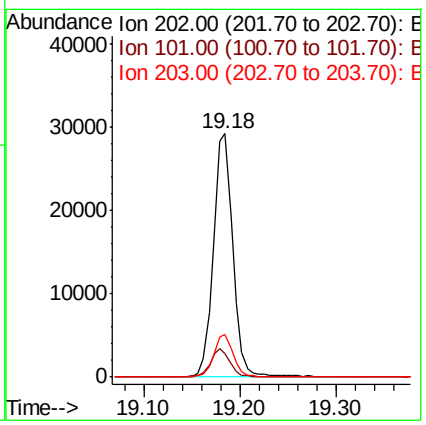


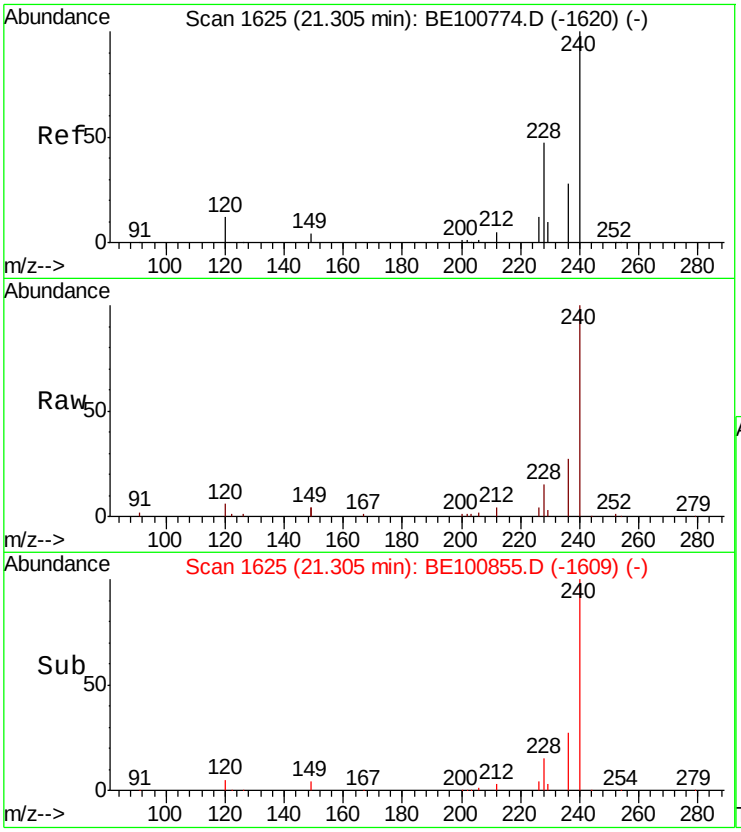


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:202 Resp: 40846

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
203	17.3	13.8	20.6



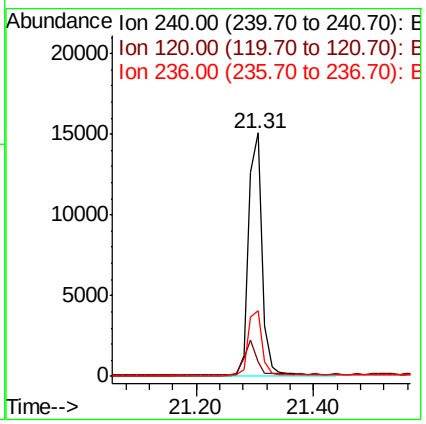


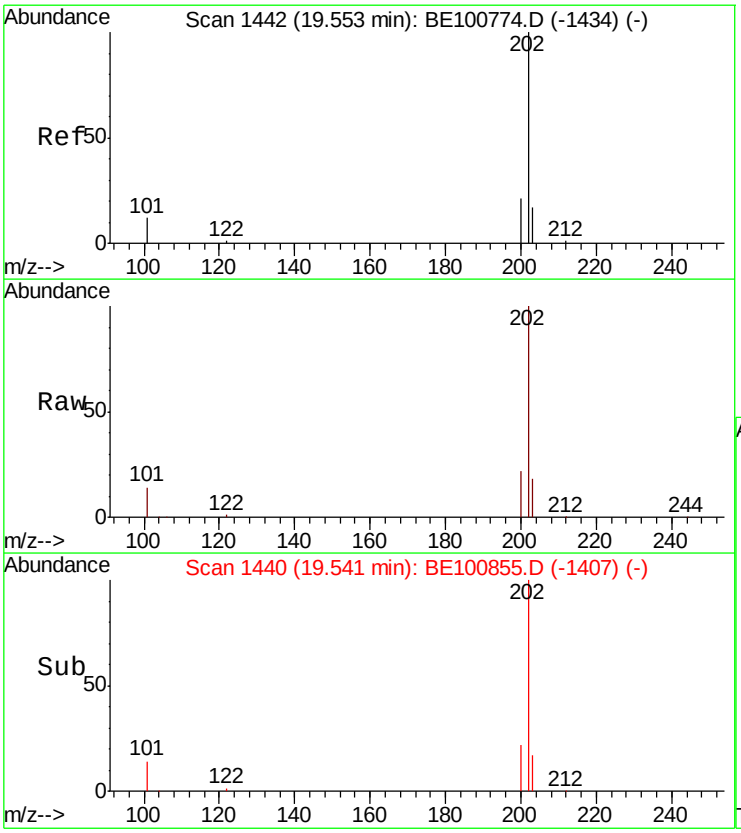
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 24257

Ion	Ratio	Lower	Upper
240	100		
120	5.7	10.2	15.2#
236	27.2	22.3	33.5

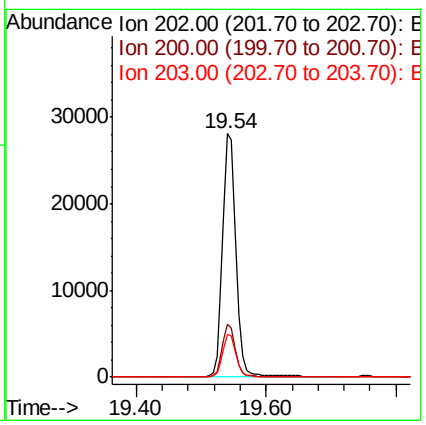


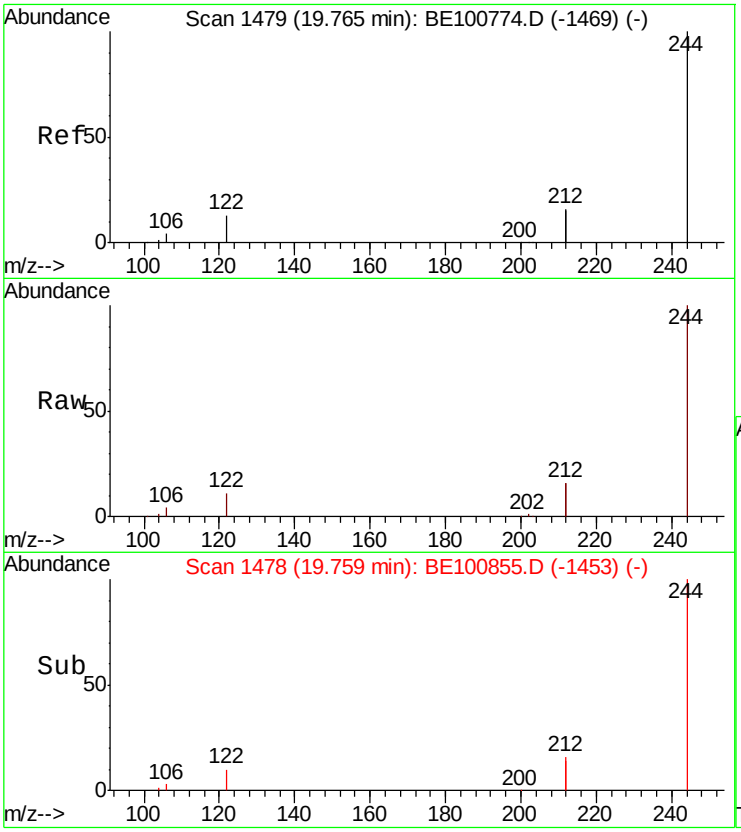


#28
Pyrene
Concen: 0.503 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:202 Resp: 39666

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.2	13.9	20.9



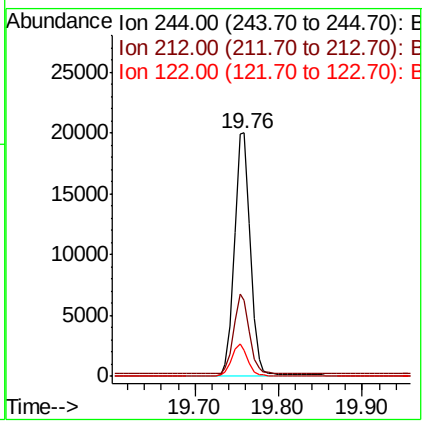


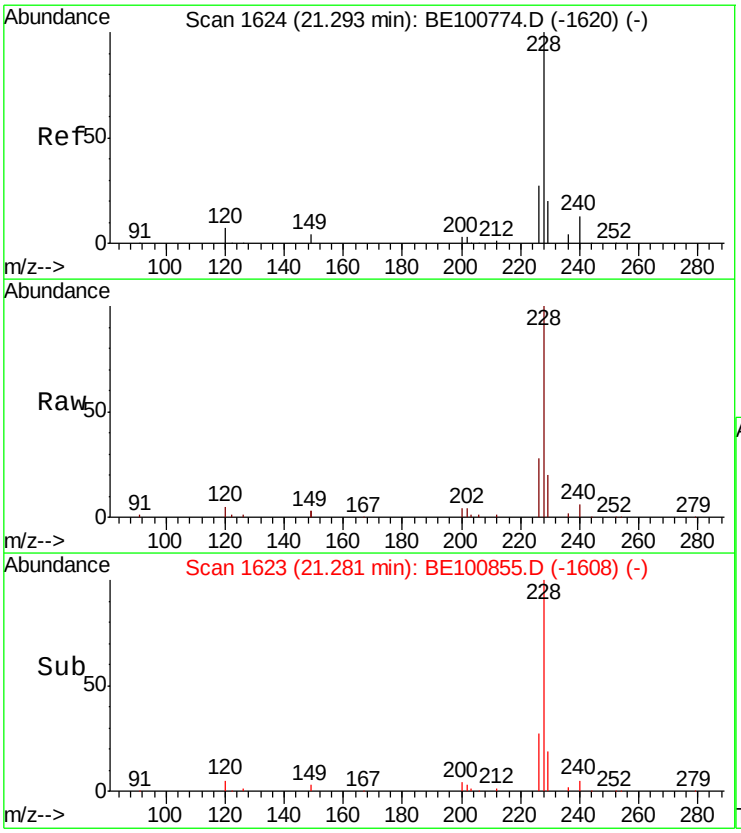
#29
Terphenyl-d14
Concen: 0.457 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 26532

Ion	Ratio	Lower	Upper
244	100		
212	31.1	26.2	39.4
122	10.6	10.2	15.4

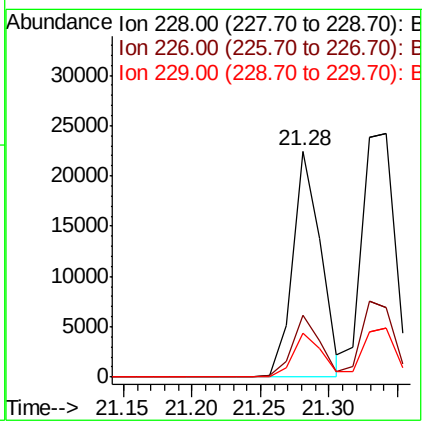


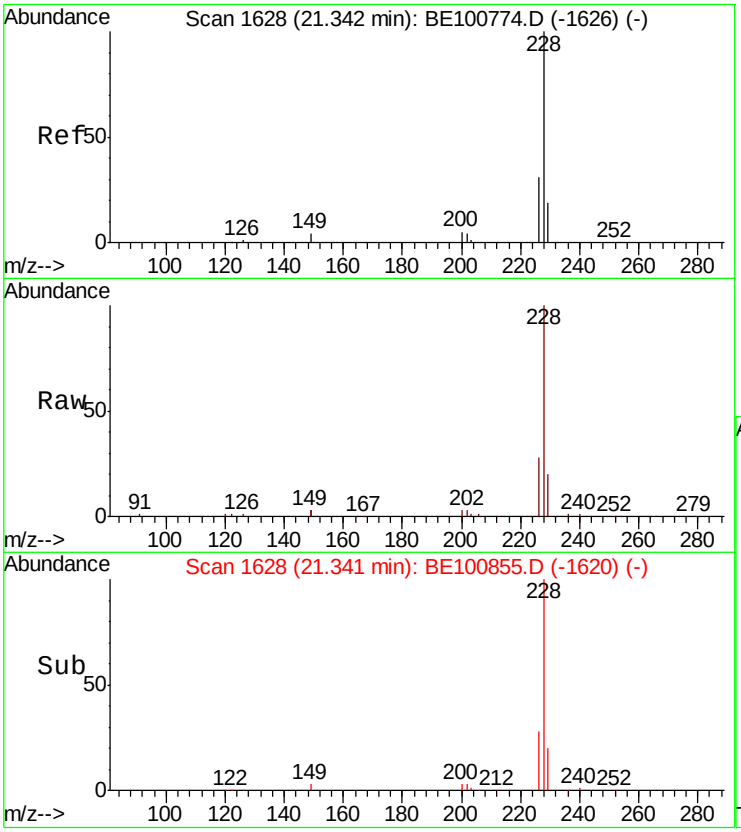


#30
Benzo(a)anthracene
Concen: 0.443 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:228 Resp: 31677

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.5	32.3
229	19.7	16.0	24.0



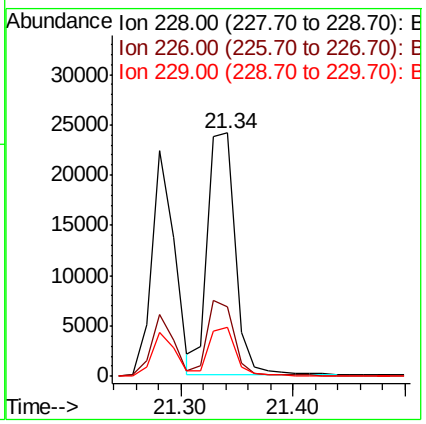


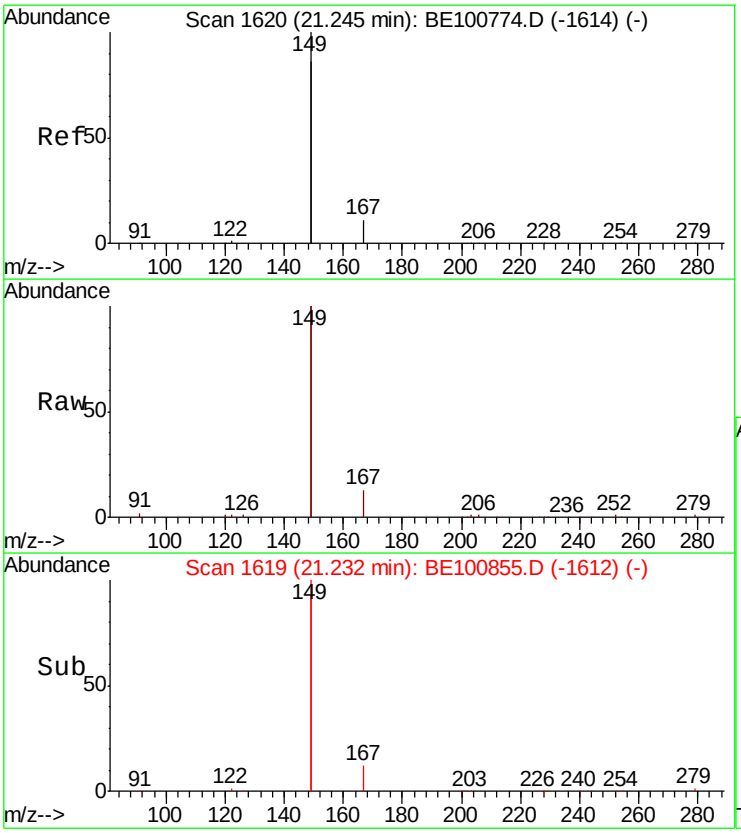
#31
Chrysene
Concen: 0.484 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 40675

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.4
229	20.3	15.4	23.2

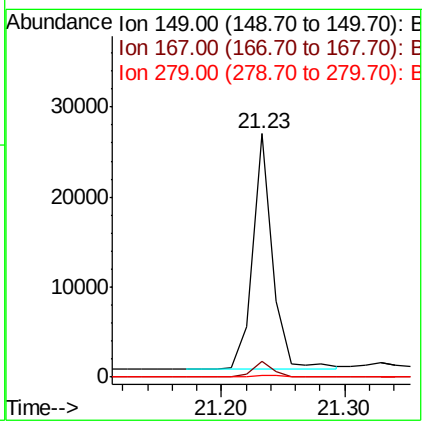


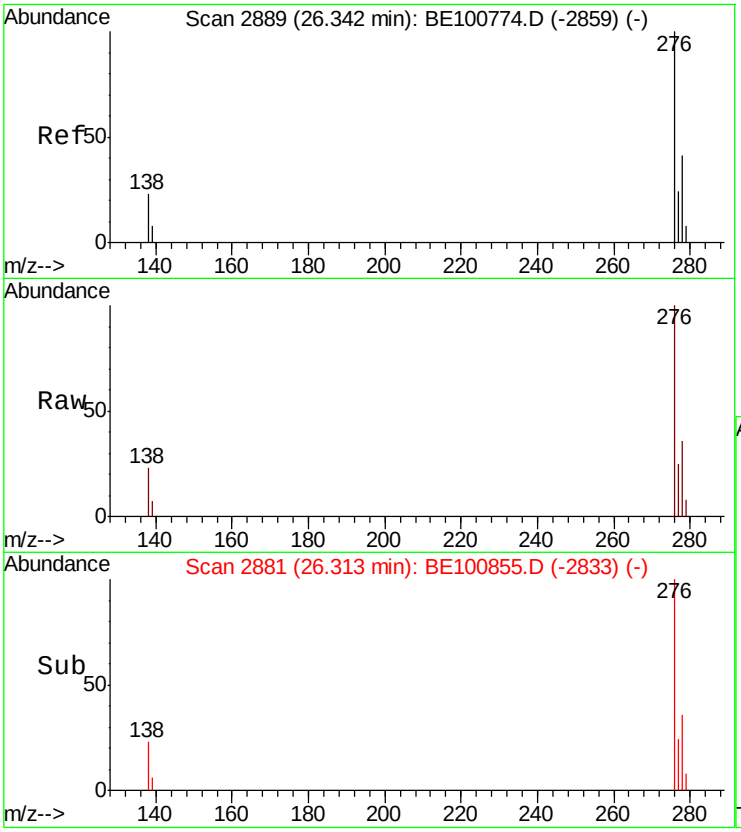


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.581 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:149 Resp: 29354

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.0	7.6
279	0.7	0.7	1.1#



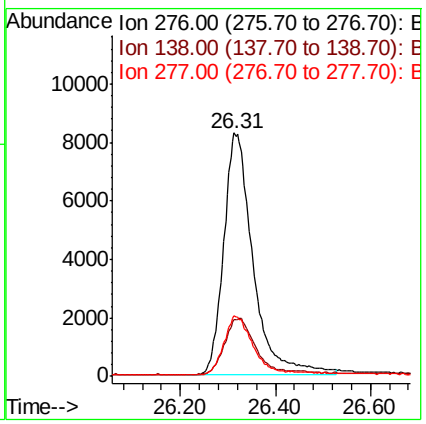


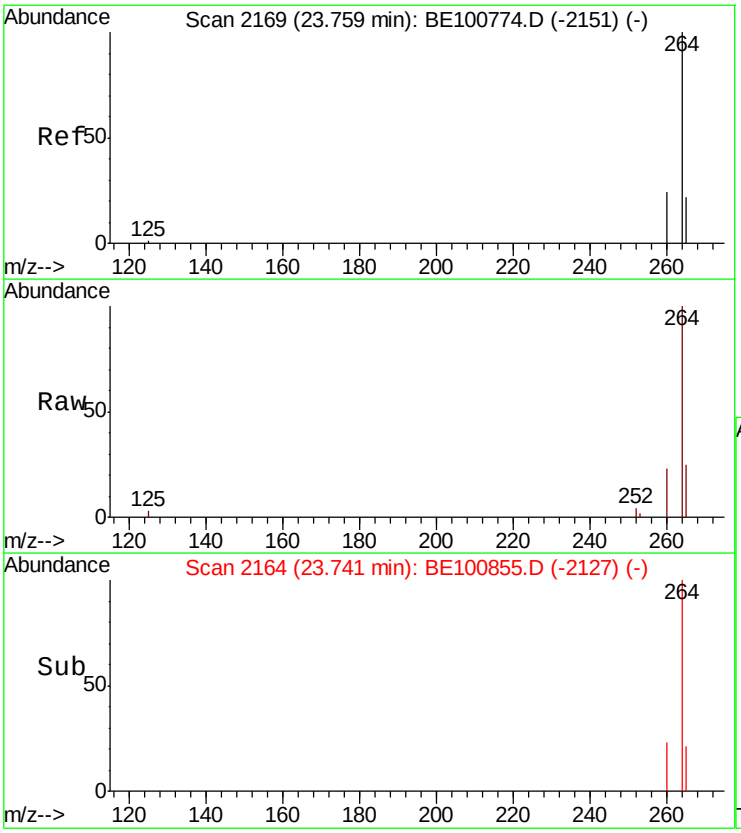
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.03 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 35519

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.4	29.0
277	23.5	19.8	29.6

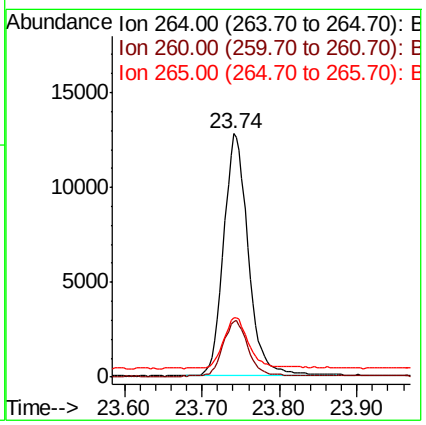


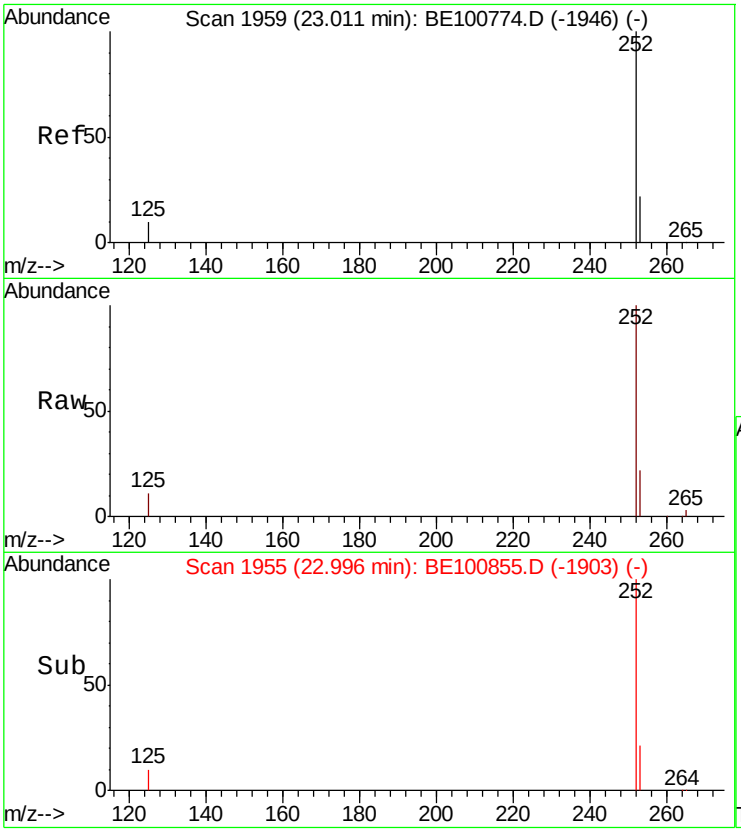


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:264 Resp: 28345

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	24.6	21.8	32.8



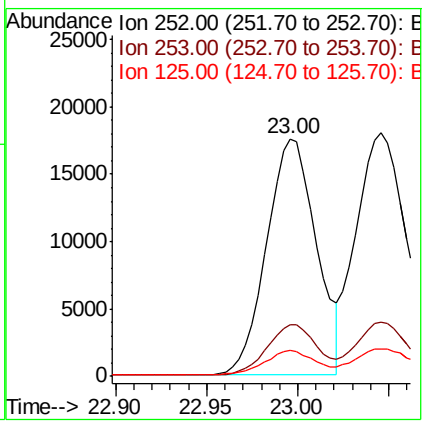


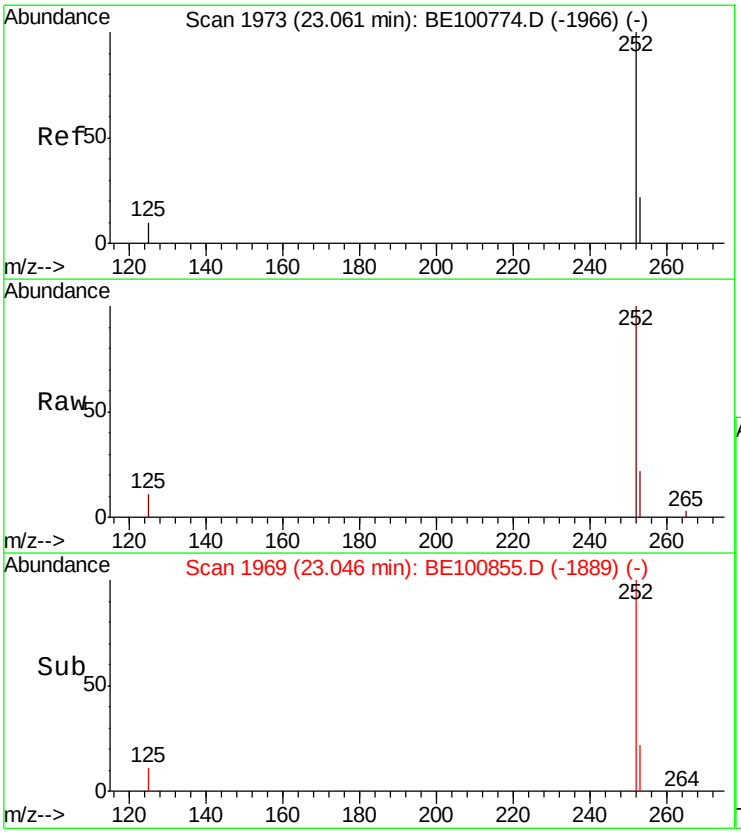
#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 33211

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.9	9.0	13.4

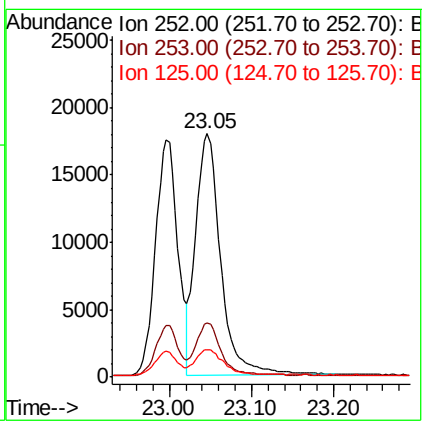


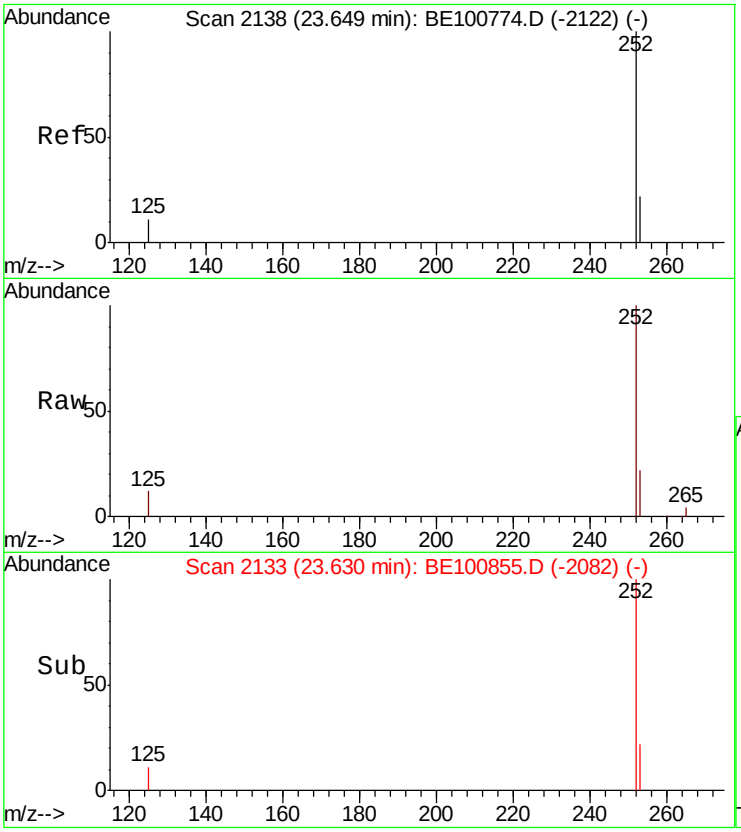


#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 23.05 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:252 Resp: 37716

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.4	8.7	13.1



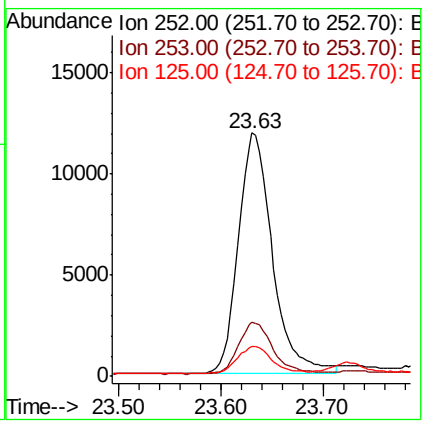


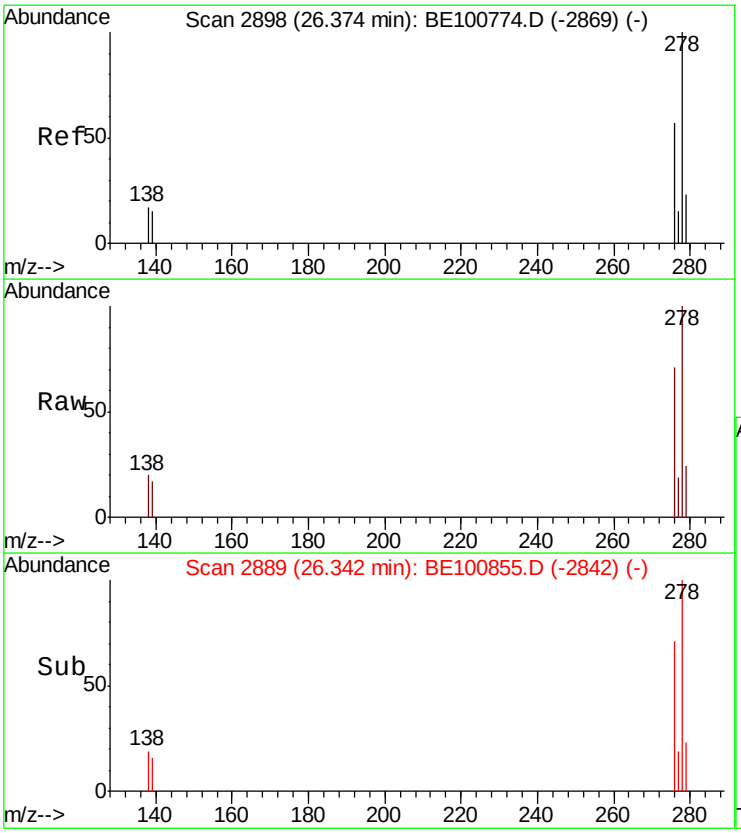
#37
Benzo(a)pyrene
Concen: 0.415 ng
RT: 23.63 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27865

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.4	10.4	15.6

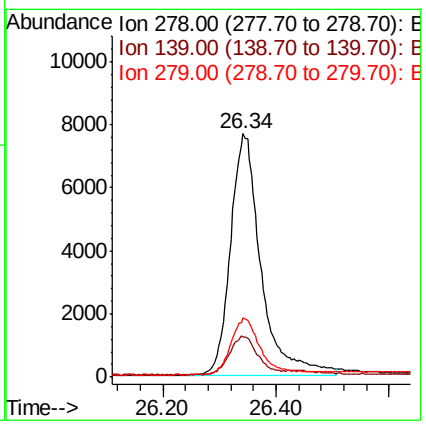


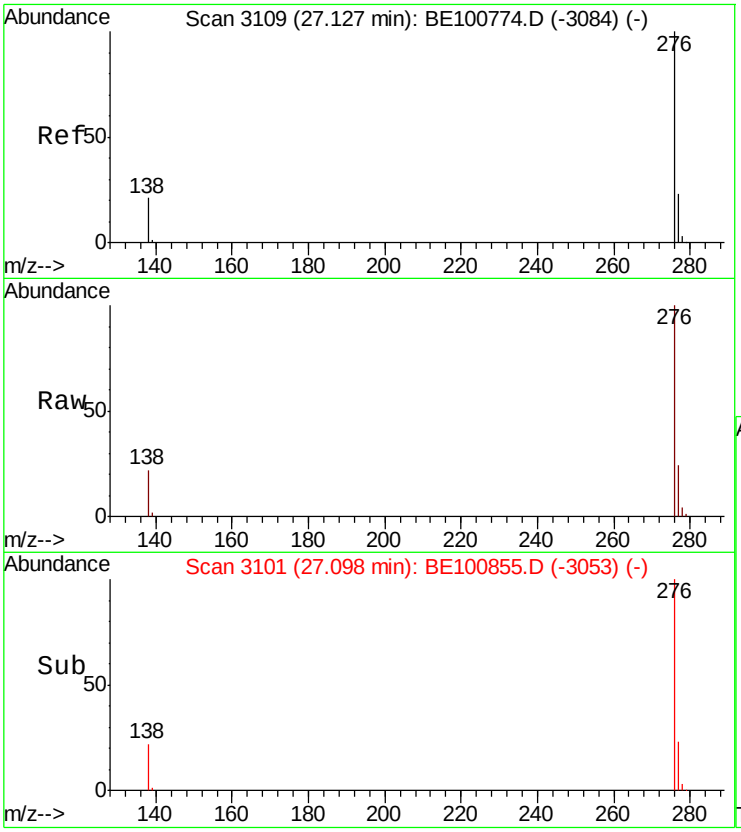


#38
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 26.34 min Scan# 2889
Delta R.T. -0.03 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:278 Resp: 28634

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.4
279	24.3	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 27.10 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 31708

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	22.5	17.8	26.6