Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100739.D
Acq On : 15 Nov 2019 16:16
Operator : JU
Sample : K5728-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-024-SW129-110619-1MSD

Quant Time: Nov 15 22:32:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2915	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	11834	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	7509	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	17692	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19922	0.40	ng	0.00
34) Perylene-d12	23.73	264	21243	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	4136	0.49	ng	0.00
5) Phenol-d6	6.94	99	5657	0.47	ng	0.00
8) Nitrobenzene-d5	8.91	82	3540	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	8391	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	361	0.59	ng	0.01
15) 2-Fluorobiphenyl	13.03	172	9706	0.35	ng	0.00
25) Fluoranthene-d10	19.15	212	81363	0.35	ng	0.00
29) Terphenyl-d14	19.75	244	18543	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1464	0.288	ng	# 73
3) n-Nitrosodimethylamine	3.59	42	1759	0.349	ng	# 94
6) bis(2-Chloroethyl)ether	7.19	93	3491	0.332	ng	97
9) Naphthalene	10.60	128	41409	0.338	ng	100
10) Hexachlorobutadiene	10.90	225	1679	0.296	ng	97
12) 2-Methylnaphthalene	12.22	142	6964	0.333	ng	96
16) Acenaphthylene	14.13	152	10202	0.336	ng	98
17) Acenaphthene	14.47	154	6648	0.333	ng	99
18) Fluorene	15.43	166	9229	0.338	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3384	0.362	ng	92
21) Hexachlorobenzene	16.45	284	2643	0.291	ng	100
23) Phenanthrene	17.16	178	30050	0.623	ng	100
24) Anthracene	17.26	178	15161	0.352	ng	99
26) Fluoranthene	19.18	202	52705	0.818	ng	99
28) Pyrene	19.55	202	49627	0.896	ng	98
30) Benzo(a)anthracene	21.28	228	34721	0.543	ng	98
31) Chrysene	21.33	228	34731	0.535	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	57882	0.510	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	32229	0.424	ng	98
35) Benzo(b)fluoranthene	22.98	252	37771	0.609	ng	99
36) Benzo(k)fluoranthene	22.98	252	37771	0.582	ng	98
37) Benzo(a)pyrene	23.62	252	31139	0.539	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	21394	0.355	ng	99
39) Benzo(g,h,i)perylene	27.07	276	29317	0.496	ng	100

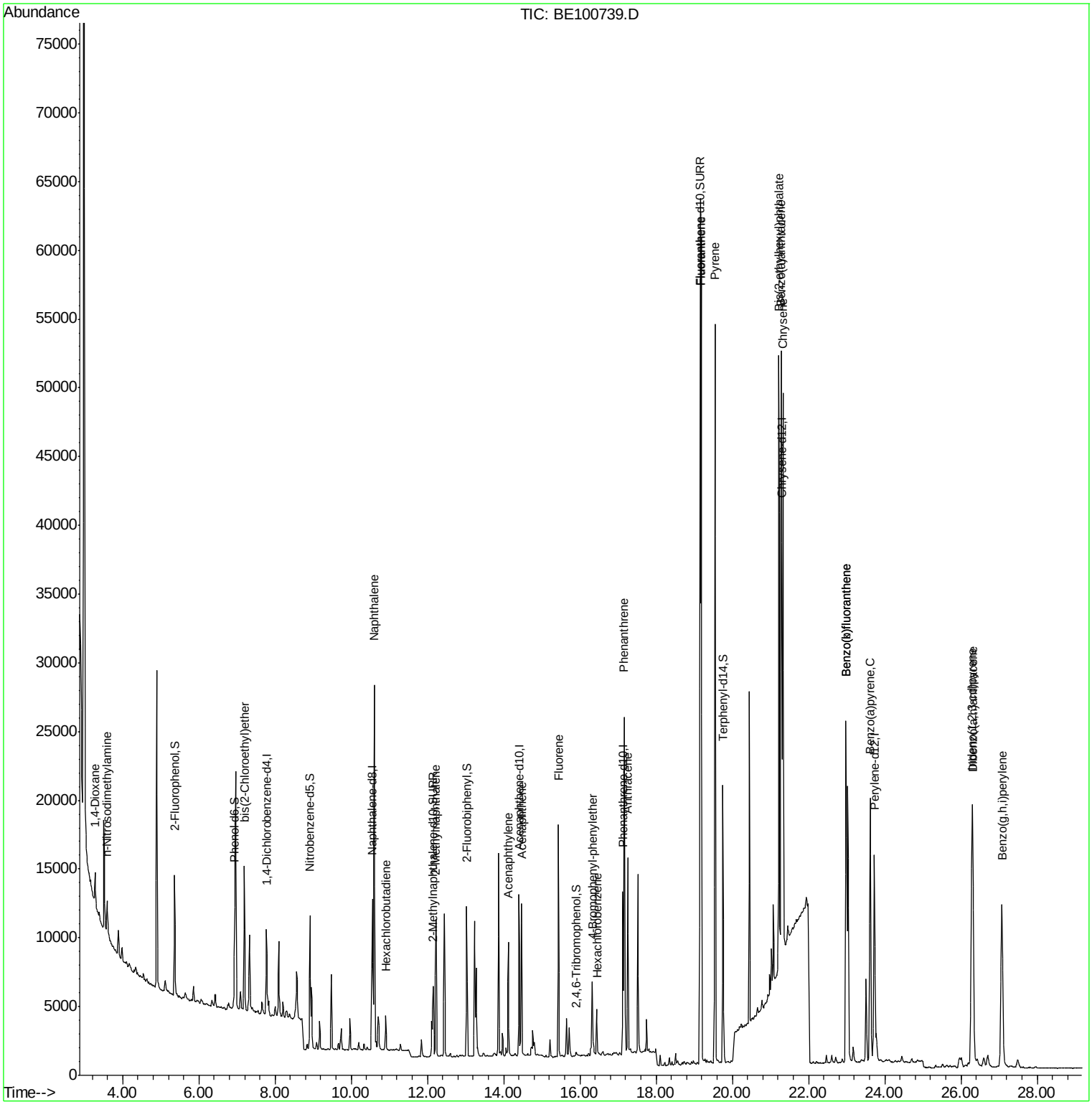
(#) = qualifier out of range (m) = manual integration (+) = signals summed

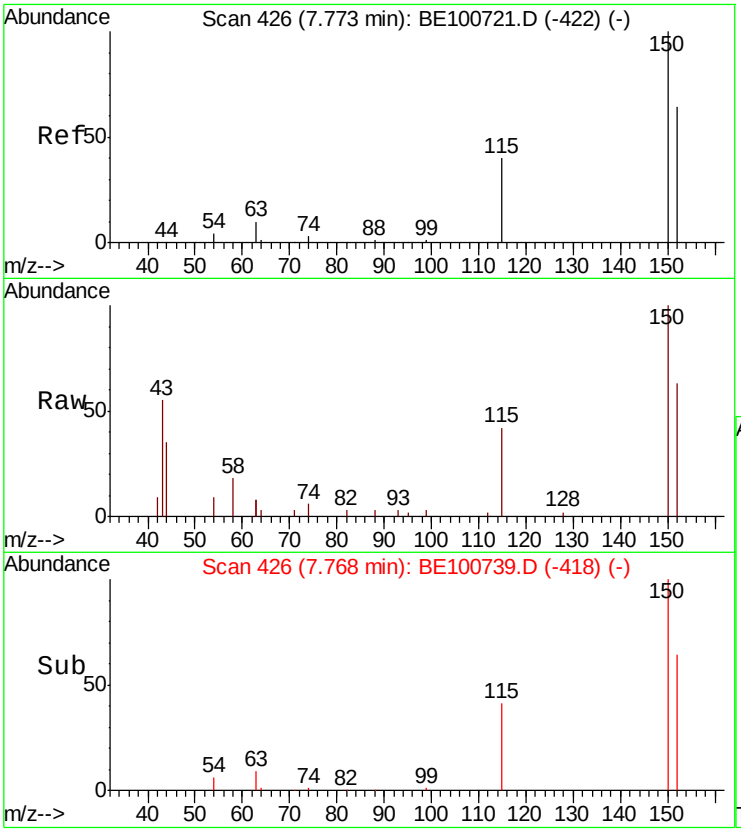
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100739.D
Acq On : 15 Nov 2019 16:16
Operator : JU
Sample : K5728-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Quant Time: Nov 15 22:32:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration



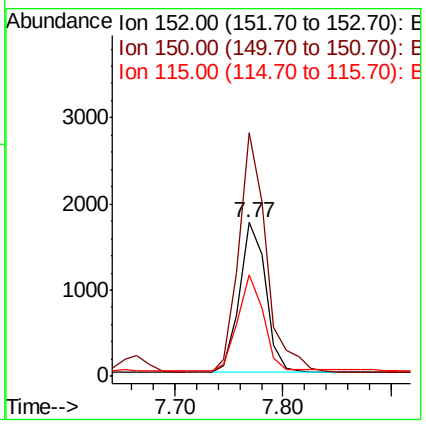


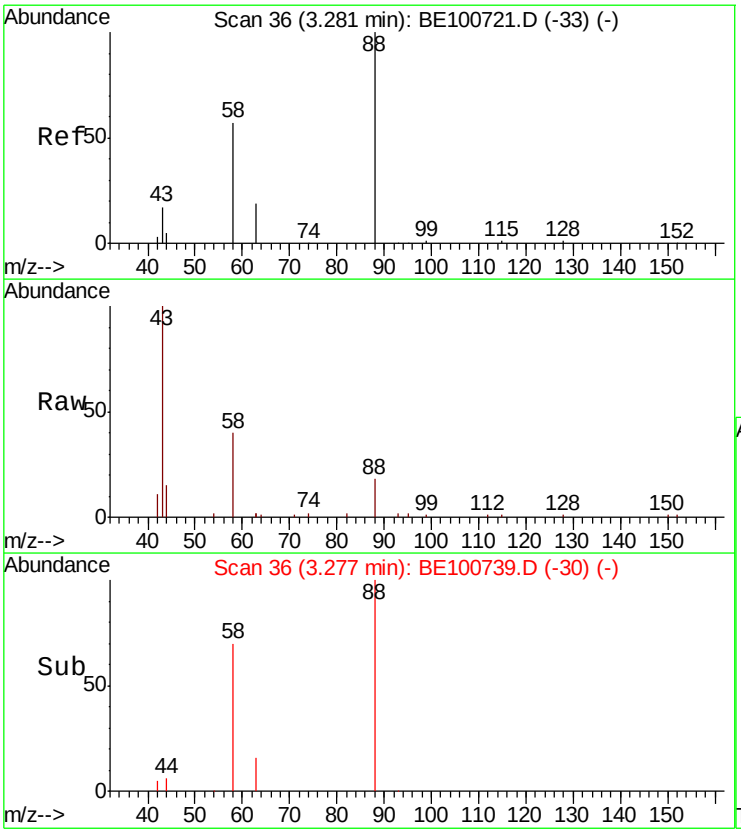
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:152 Resp: 2915

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.4	185.0
115	66.1	52.1	78.1

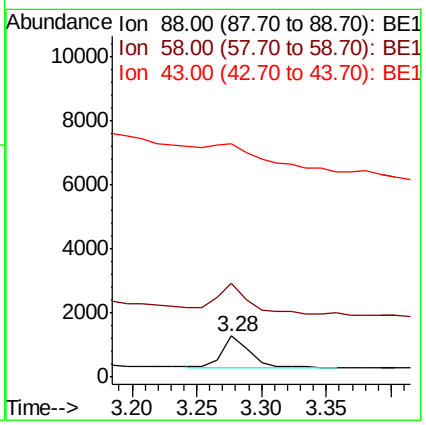


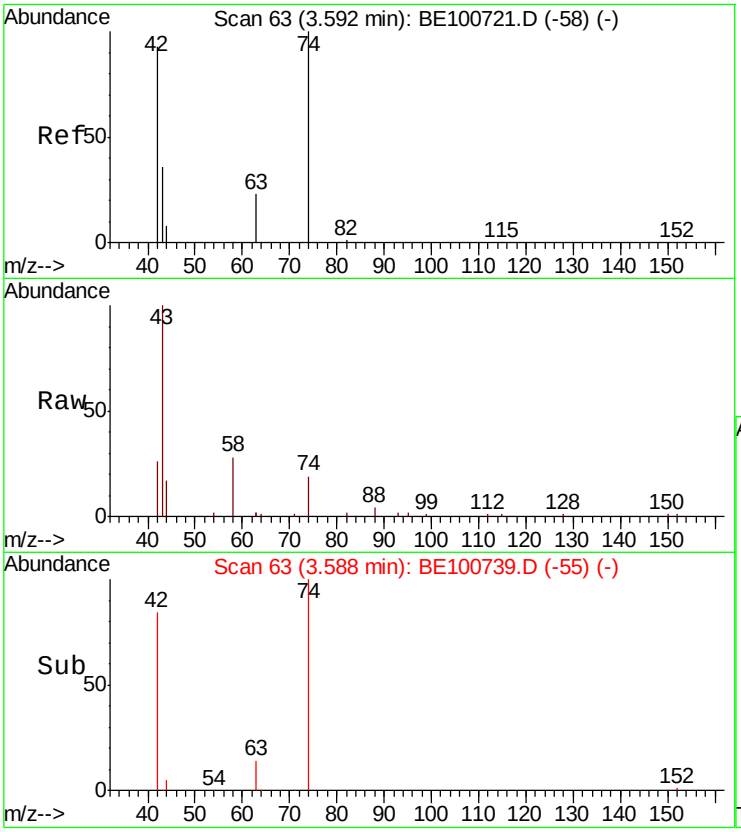


#2
1,4-Dioxane
Concen: 0.288 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion: 88 Resp: 1464

Ion	Ratio	Lower	Upper
88	100		
58	100.9	69.8	104.8
43	0.0	27.0	40.4#



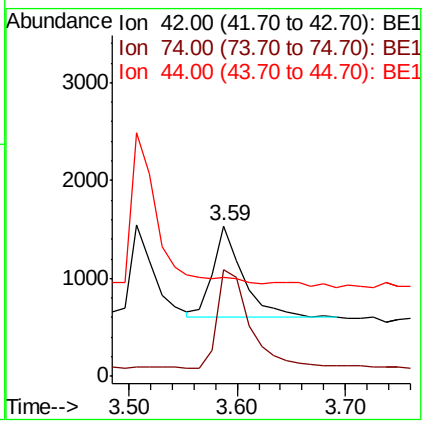


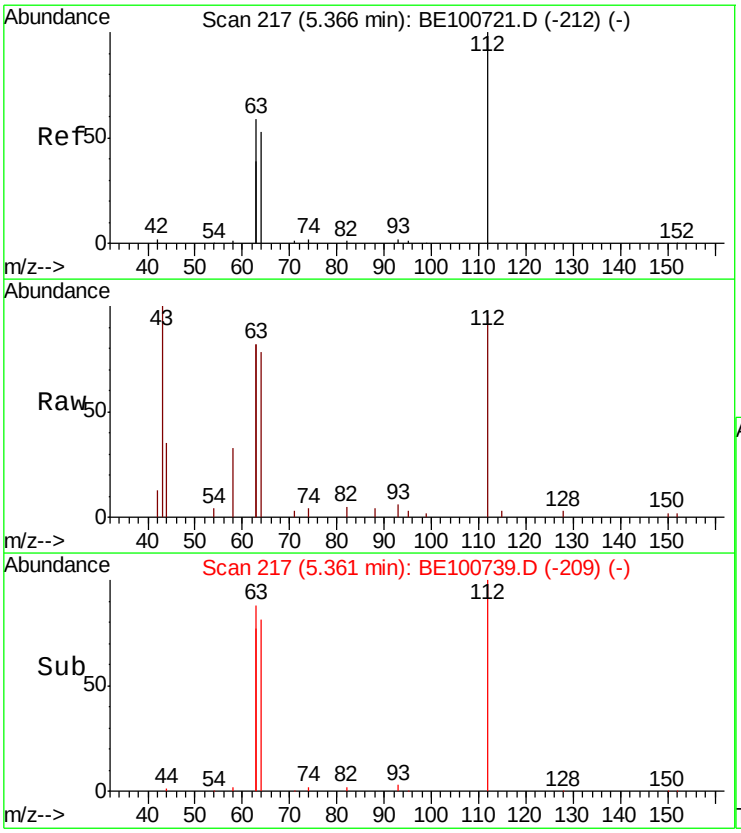
#3
n-Nitrosodimethylamine
Concen: 0.349 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion: 42 Resp: 1759

Ion	Ratio	Lower	Upper
42	100		
74	122.2	99.7	149.5
44	0.0	11.8	17.8#

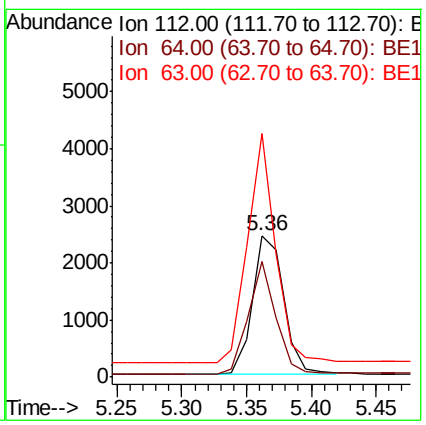


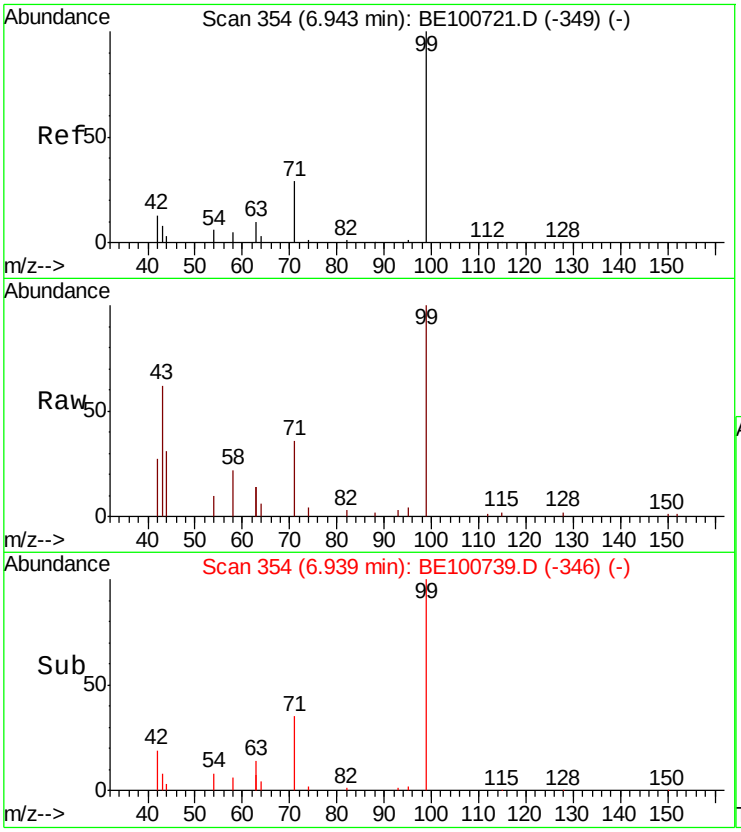


#4
2-Fluorophenol
Concen: 0.486 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:112 Resp: 4136

Ion	Ratio	Lower	Upper
112	100		
64	70.7	58.3	87.5
63	145.3	115.4	173.2



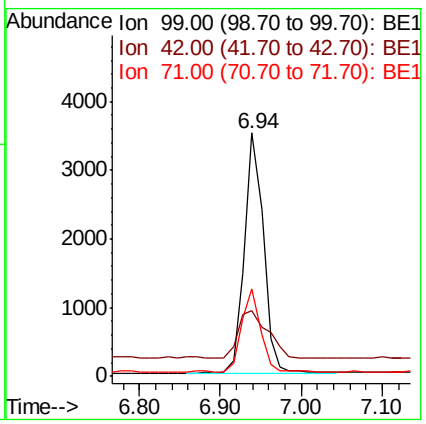


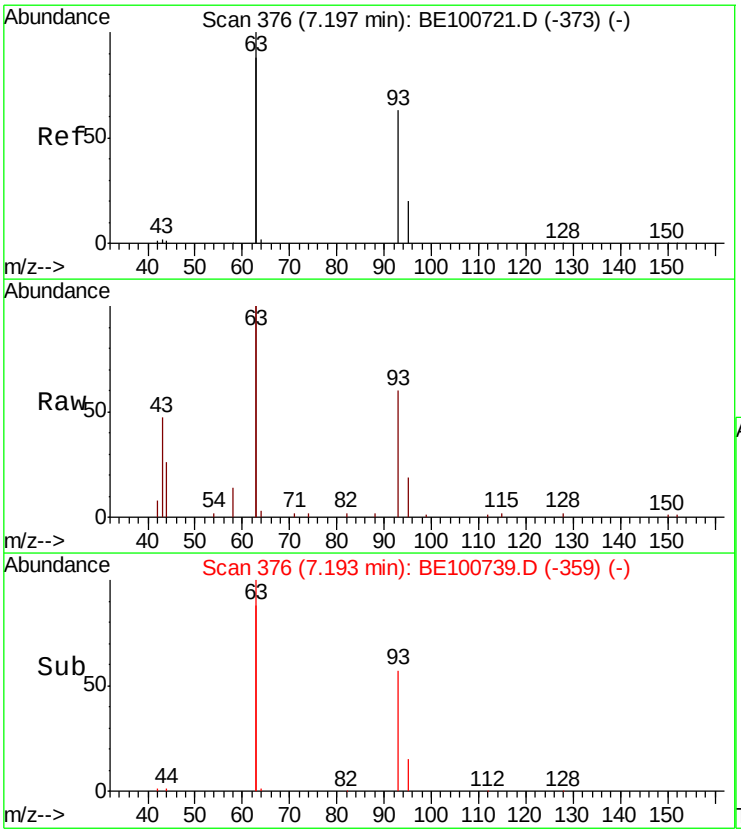
#5
Phenol-d6
Concen: 0.470 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion: 99 Resp: 5657

Ion	Ratio	Lower	Upper
99	100		
42	30.9	17.8	26.6#
71	34.9	27.3	40.9

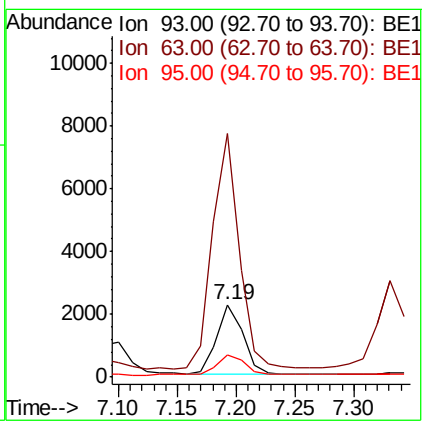


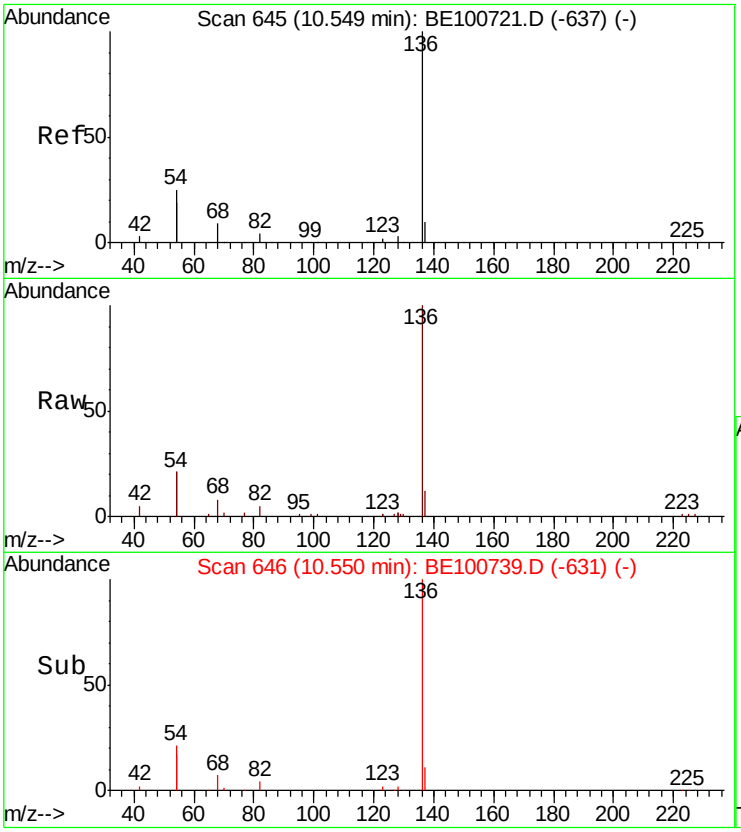


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion: 93 Resp: 3491

Ion	Ratio	Lower	Upper
93	100		
63	333.4	260.7	391.1
95	30.9	24.2	36.2



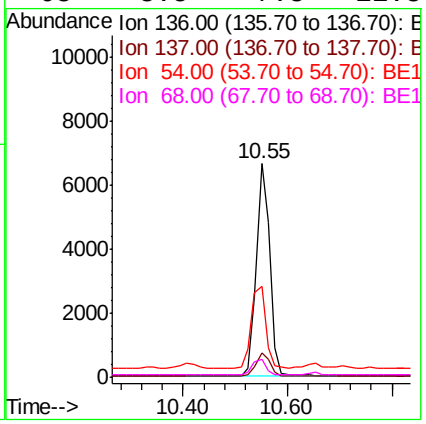


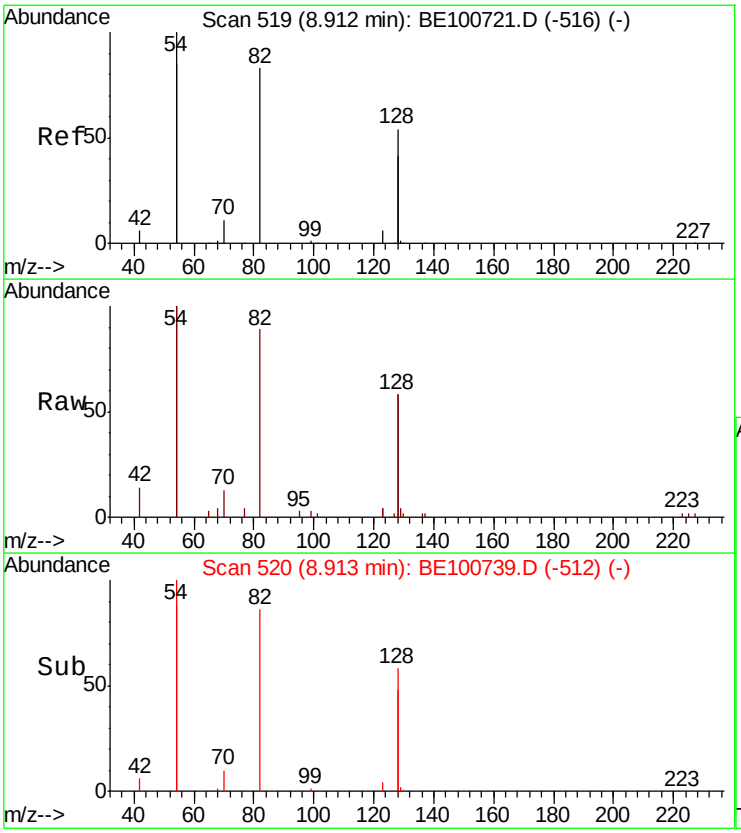
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 646
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:136 Resp: 11834

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	42.6	39.0	58.6
68	8.5	7.8	11.8

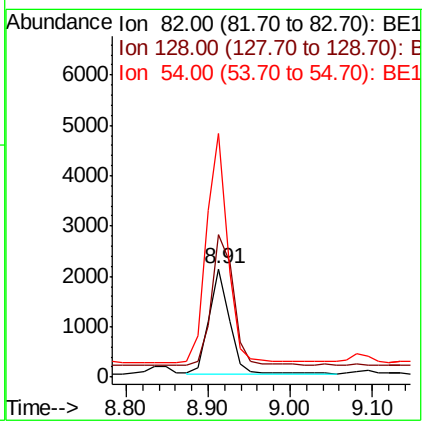


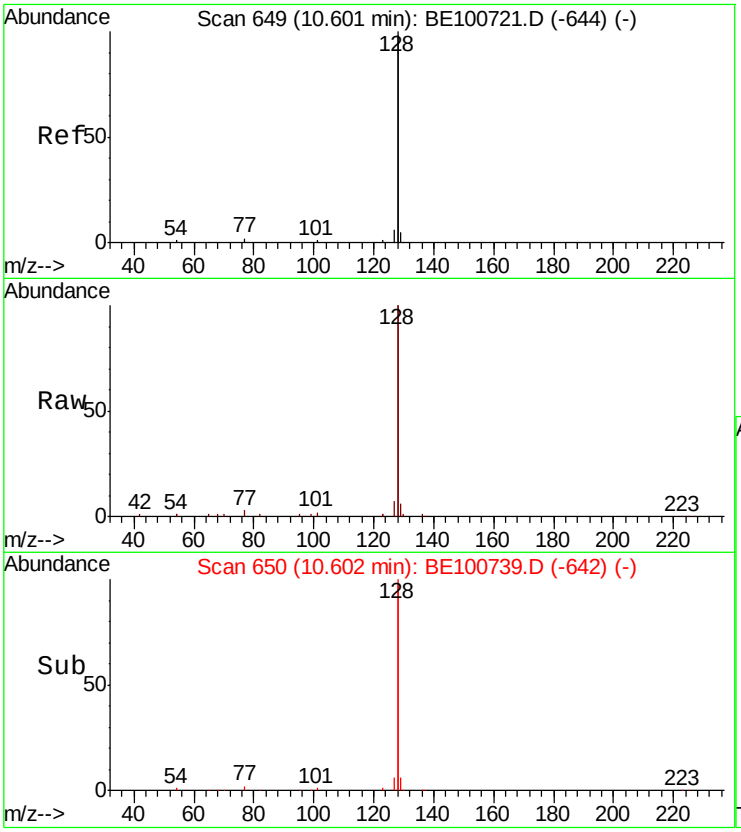


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.91 min Scan# 520
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion: 82 Resp: 3540

Ion	Ratio	Lower	Upper
82	100		
128	131.2	99.6	149.4
54	224.5	183.8	275.8



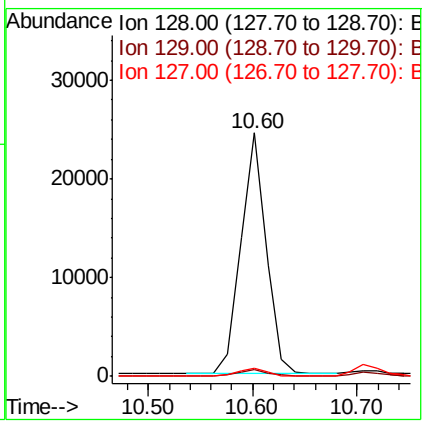


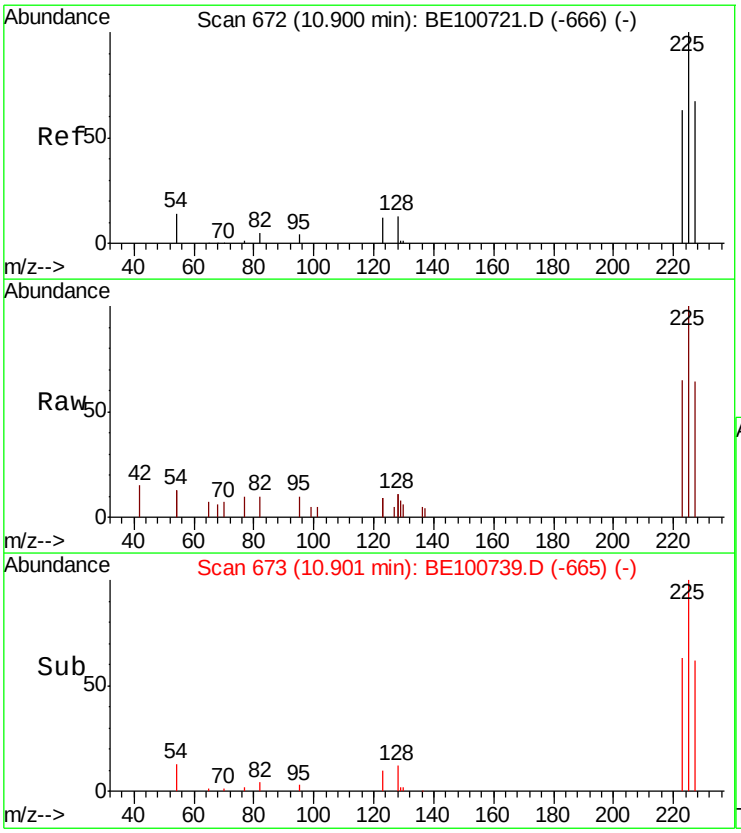
#9
Naphthalene
Concen: 0.338 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:128 Resp: 41409

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.4	2.7	4.1

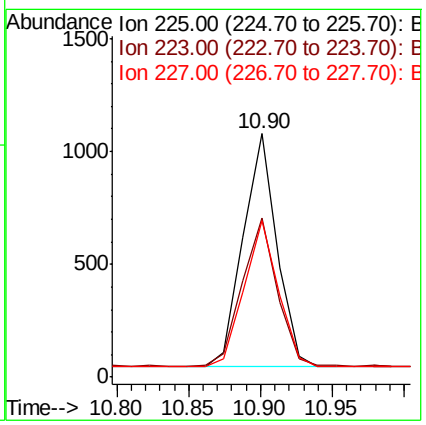


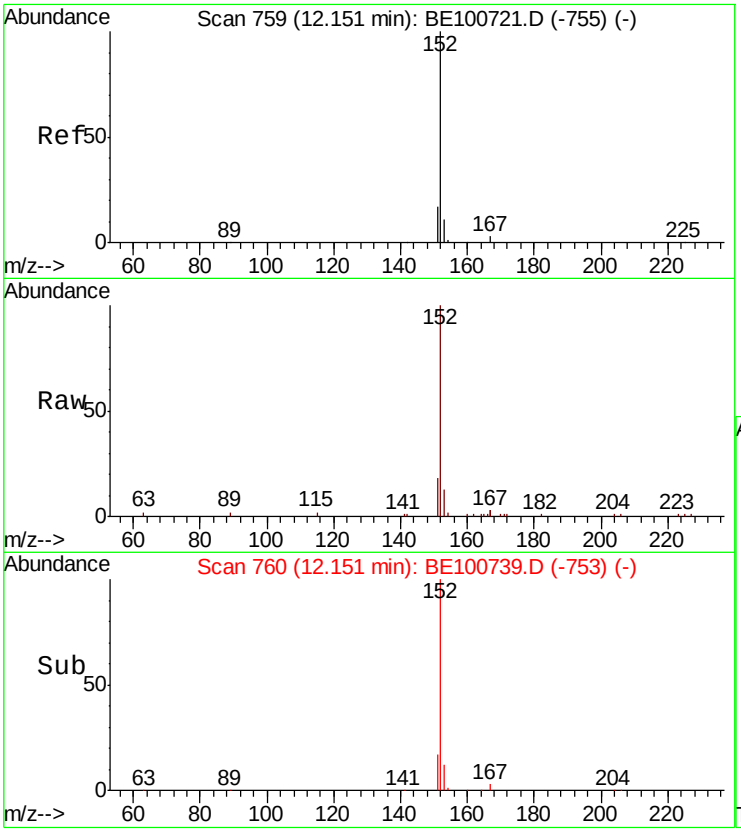


#10
Hexachlorobutadiene
Concen: 0.296 ng
RT: 10.90 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:225 Resp: 1679

Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	63.8	53.0	79.6



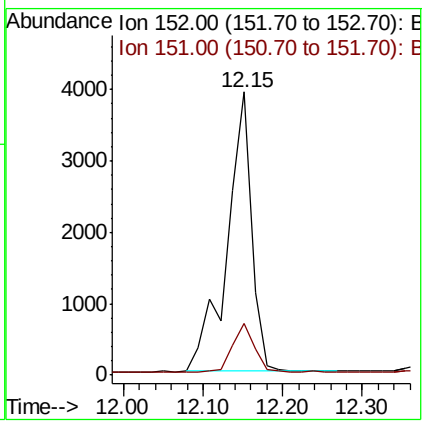


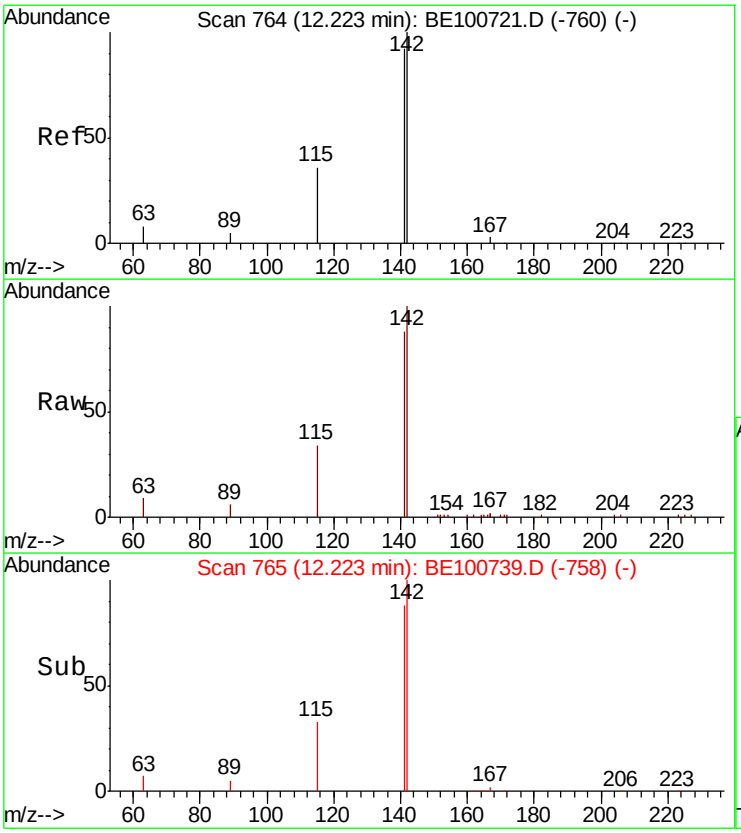
#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 12.15 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:152 Resp: 8391

Ion	Ratio	Lower	Upper
152	100		
151	14.7	14.2	21.4

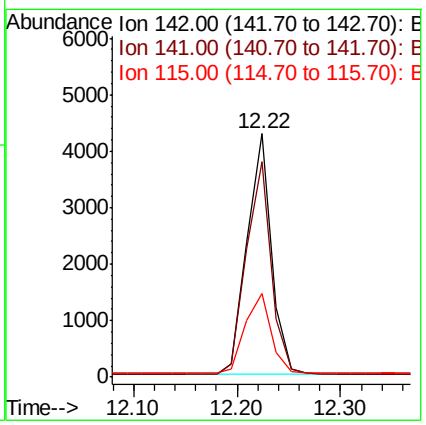


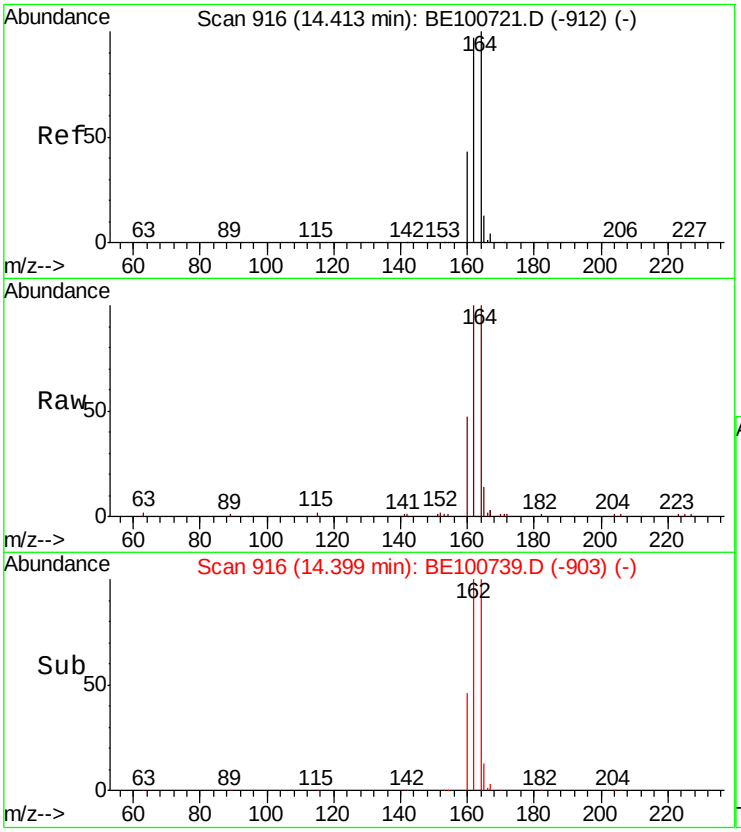


#12
2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.22 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:142 Resp: 6964

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.3	109.9
115	34.4	29.9	44.9



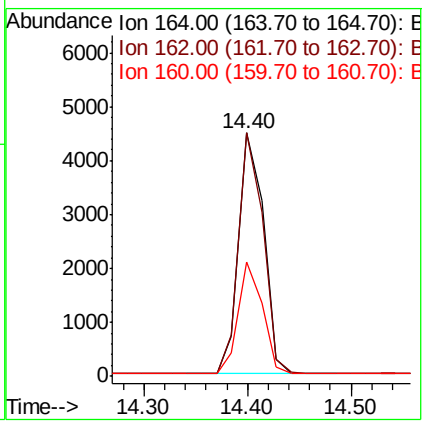


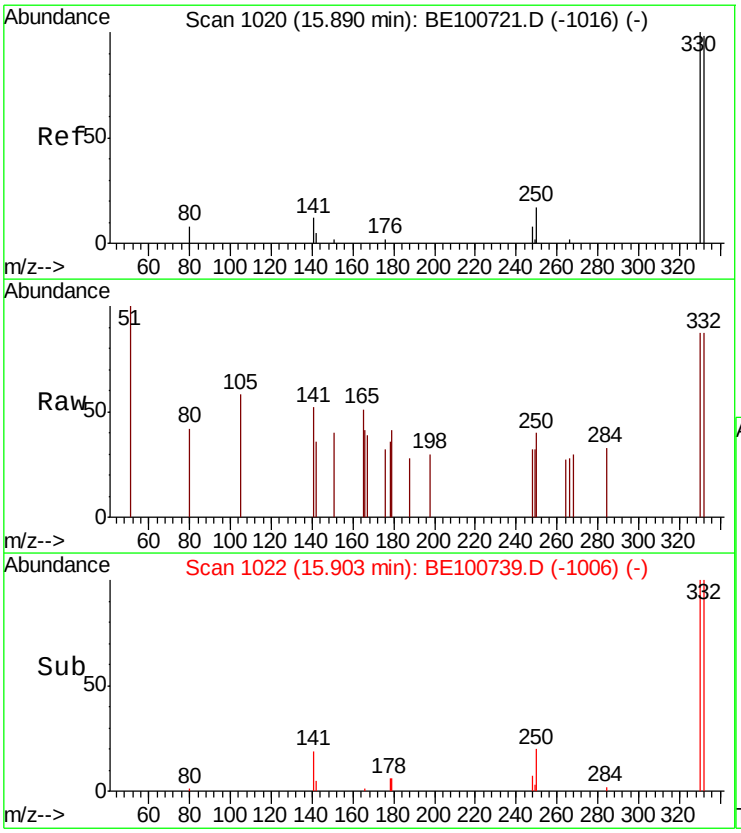
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:164 Resp: 7509

Ion	Ratio	Lower	Upper
164	100		
162	99.9	77.8	116.8
160	46.8	35.3	52.9

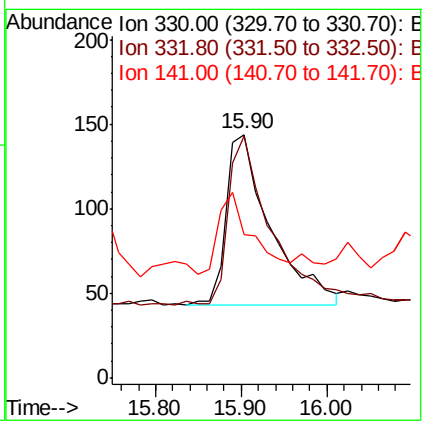


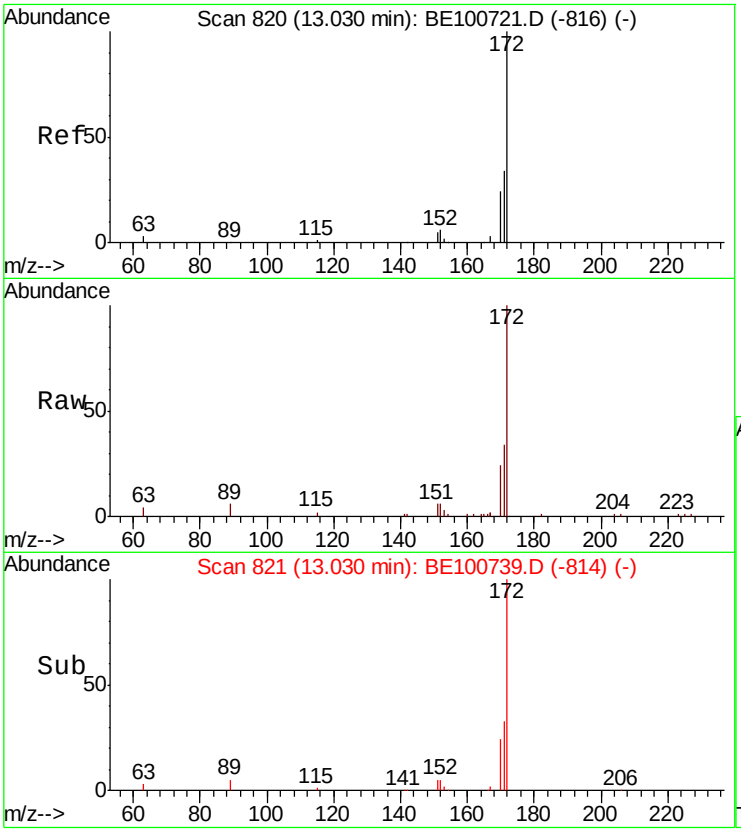


#14
2,4,6-Tribromophenol
Concen: 0.586 ng
RT: 15.90 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:330 Resp: 361

Ion	Ratio	Lower	Upper
330	100		
332	94.5	85.0	127.6
141	36.8	28.2	42.2



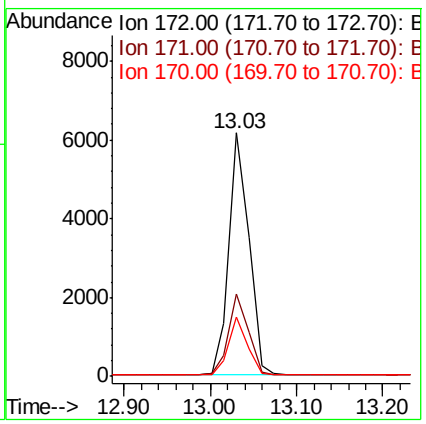


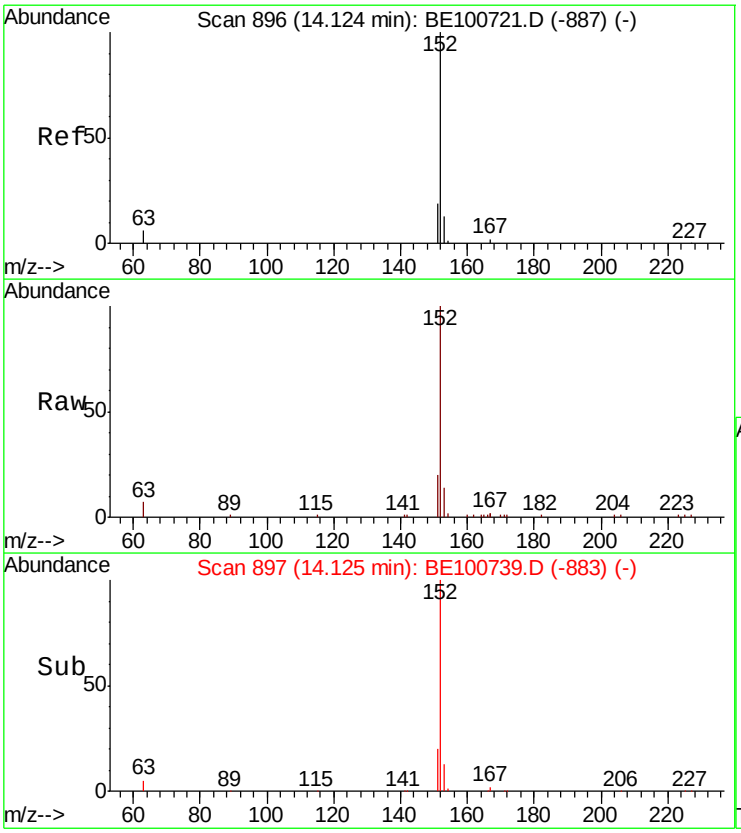
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.03 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:172 Resp: 9706

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.1	42.1
170	24.3	19.8	29.6

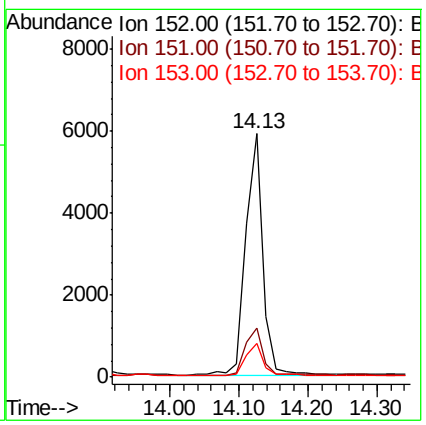


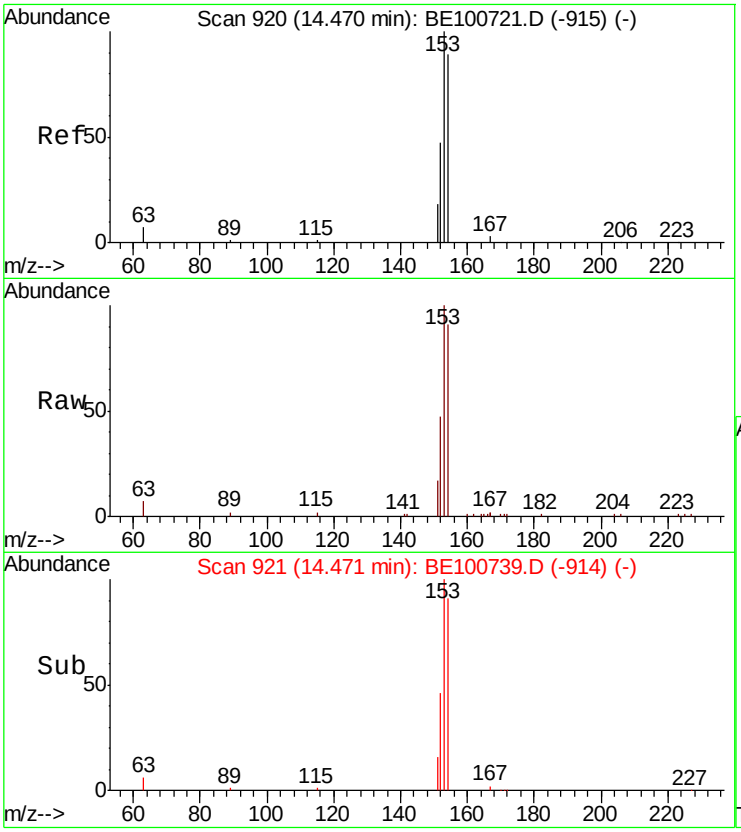


#16
Acenaphthylene
Concen: 0.336 ng
RT: 14.13 min Scan# 897
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:152 Resp: 10202

Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.9	22.3
153	13.2	10.7	16.1



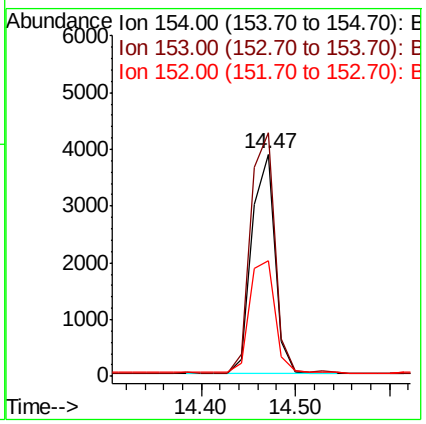


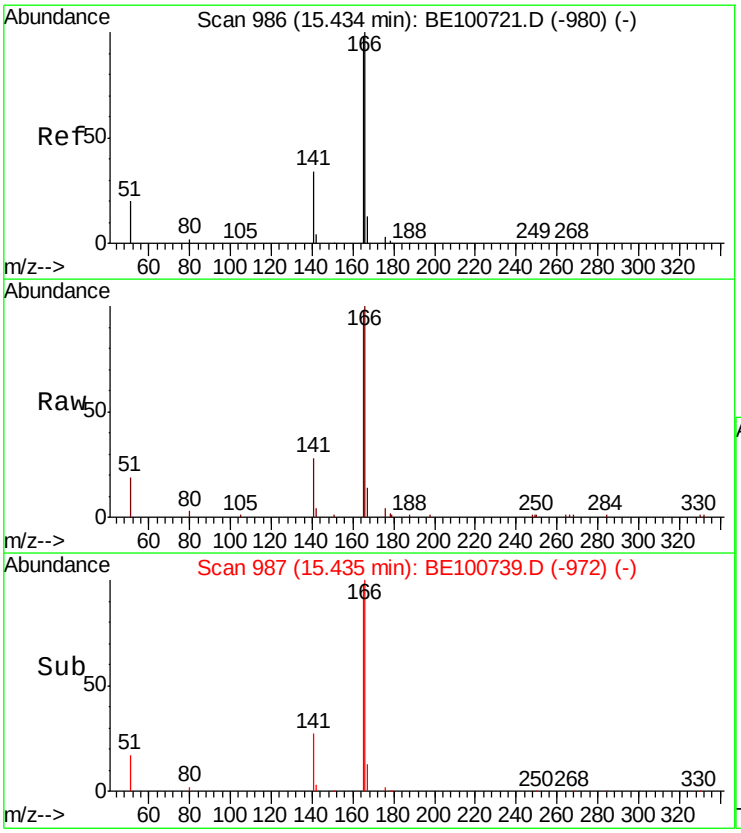
#17
Acenaphthene
Concen: 0.333 ng
RT: 14.47 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:154 Resp: 6648

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.9	137.9
152	55.7	44.8	67.2

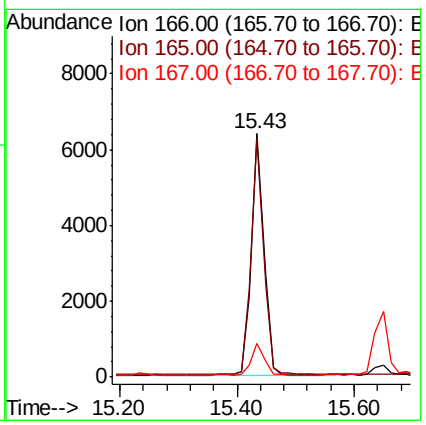


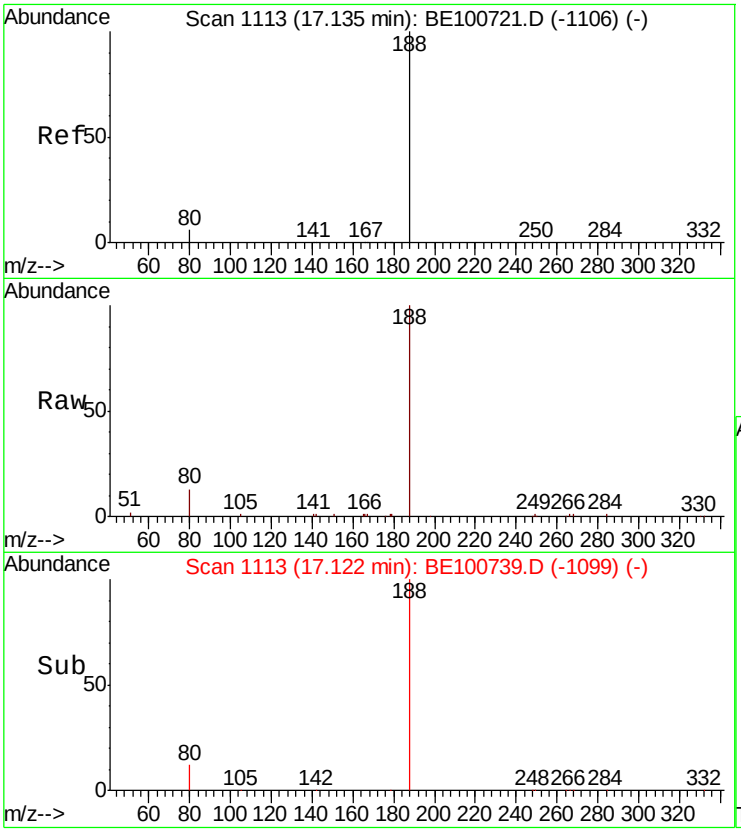


#18
Fluorene
Concen: 0.338 ng
RT: 15.43 min Scan# 987
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:166 Resp: 9229

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	13.6	10.6	16.0



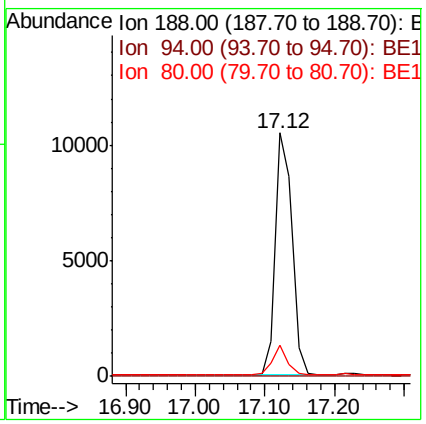


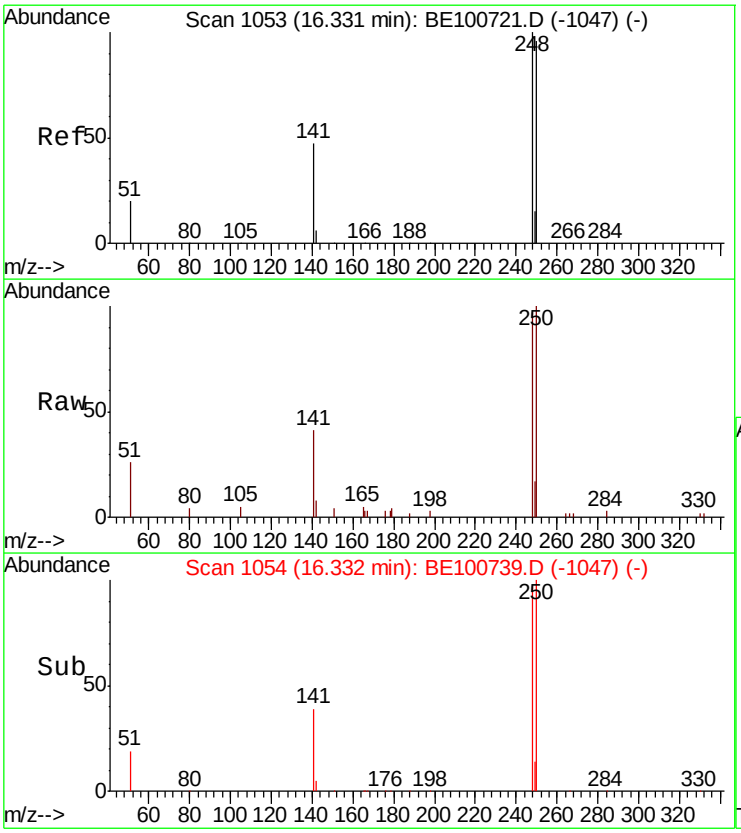
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:188 Resp: 17692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	5.4	8.0#

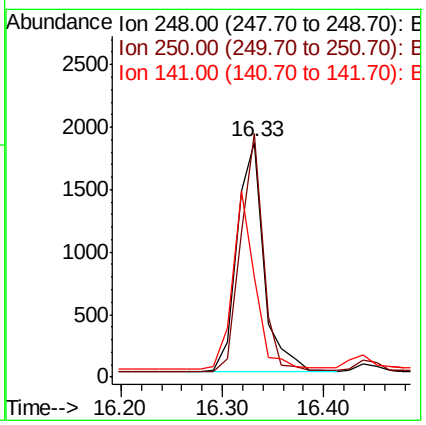


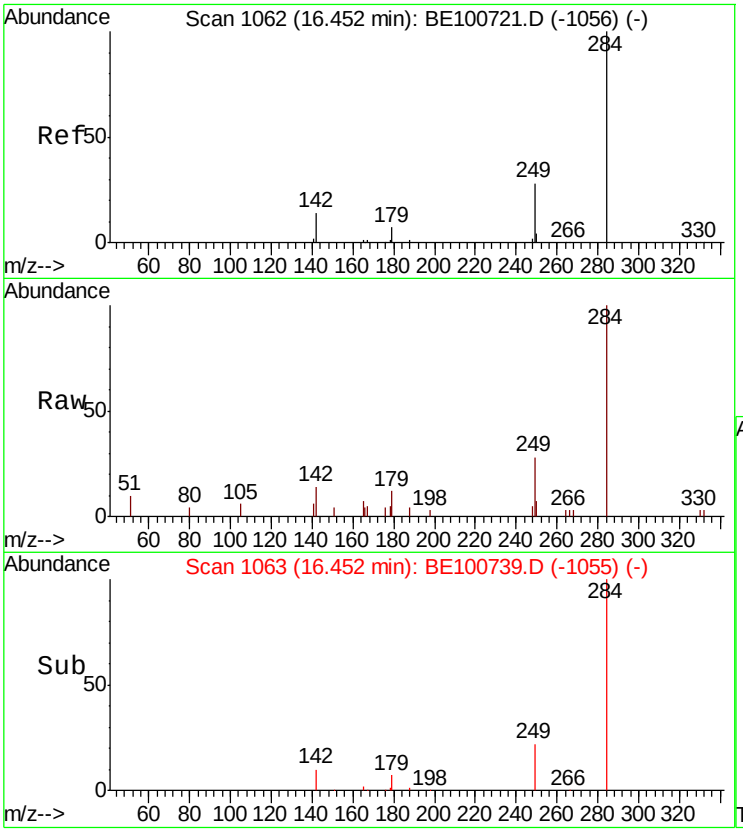


#20
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:248 Resp: 3384

Ion	Ratio	Lower	Upper
248	100		
250	103.5	77.1	115.7
141	42.6	38.6	58.0



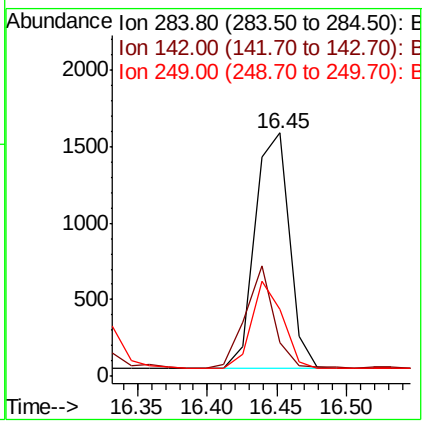


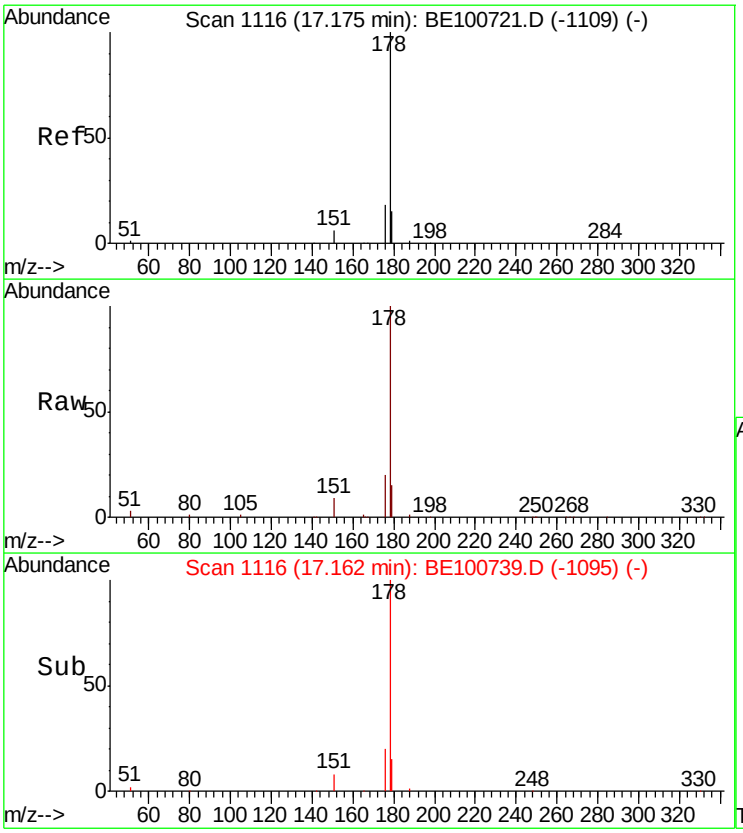
#21
Hexachlorobenzene
Concen: 0.291 ng
RT: 16.45 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:284 Resp: 2643

Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.2	42.2
249	33.2	26.5	39.7

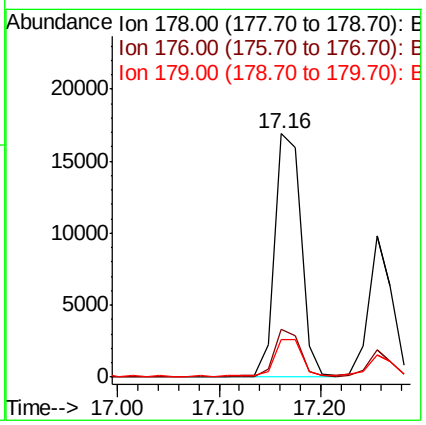


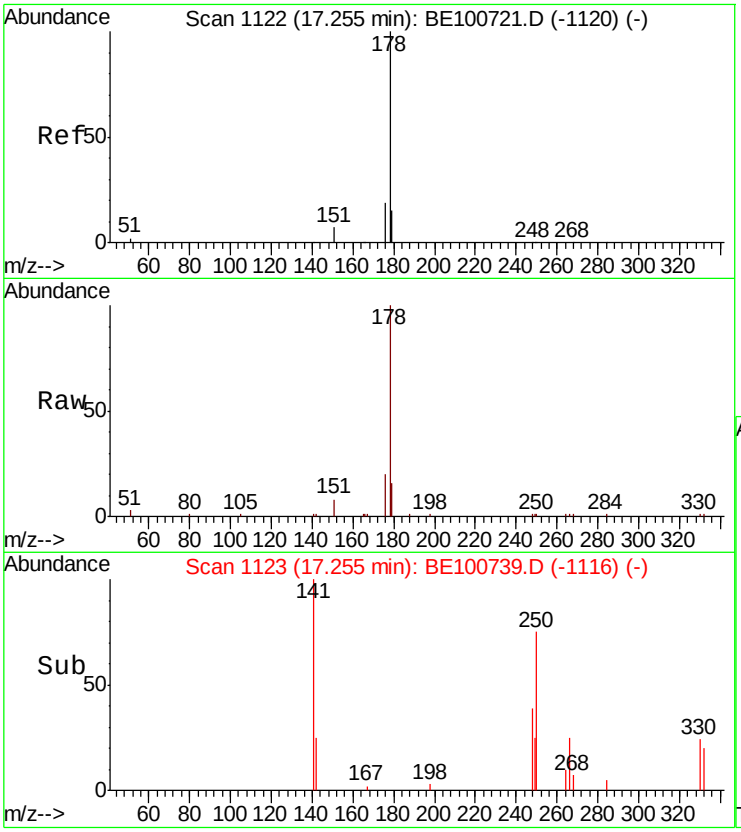


#23
Phenanthrene
Concen: 0.623 ng
RT: 17.16 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:178 Resp: 30050

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.6	18.8



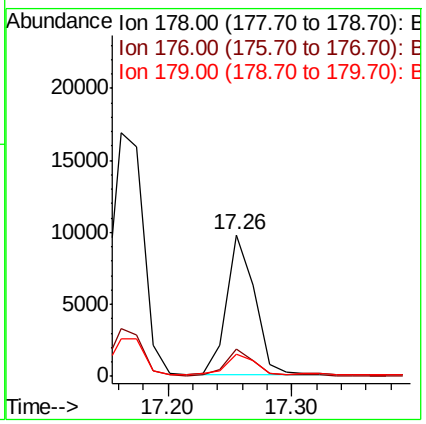


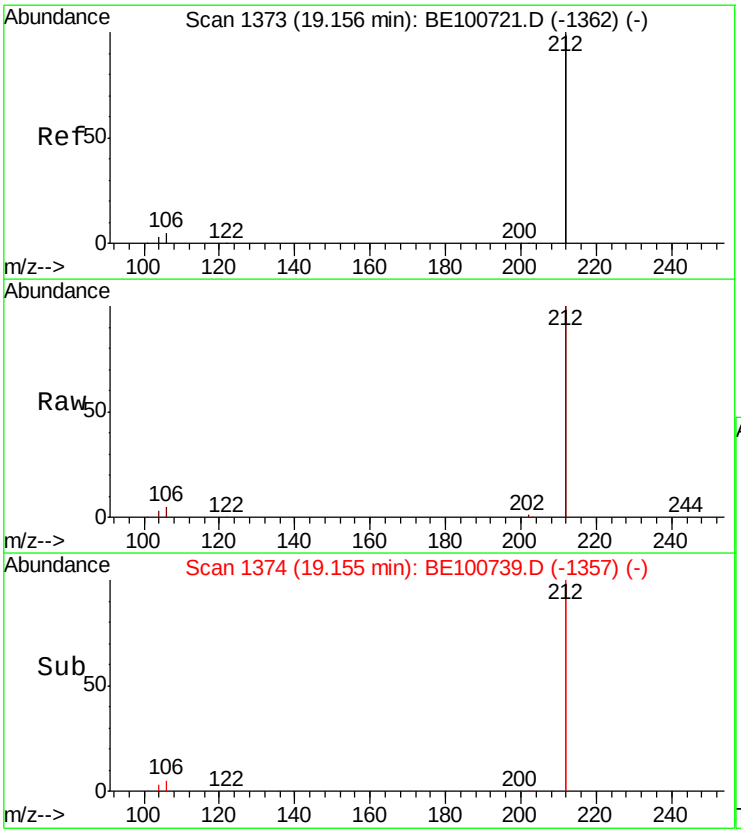
#24
Anthracene
Concen: 0.352 ng
RT: 17.26 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:178 Resp: 15161

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.3	12.6	18.8

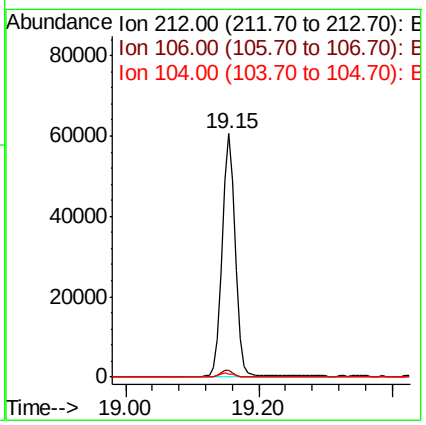


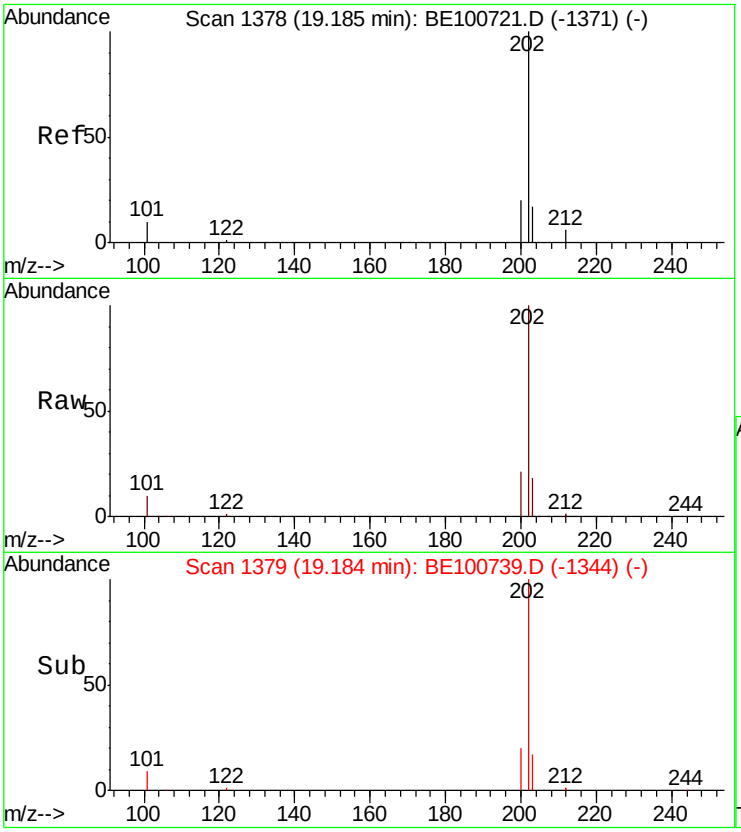


#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.15 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:212 Resp: 81363

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8



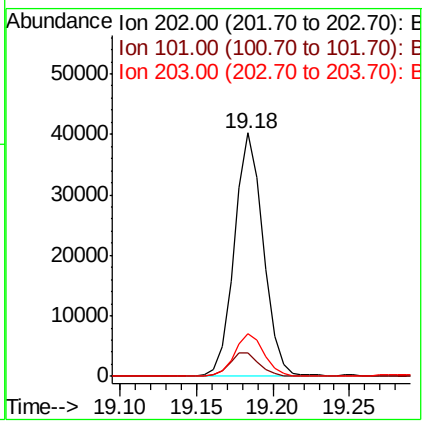


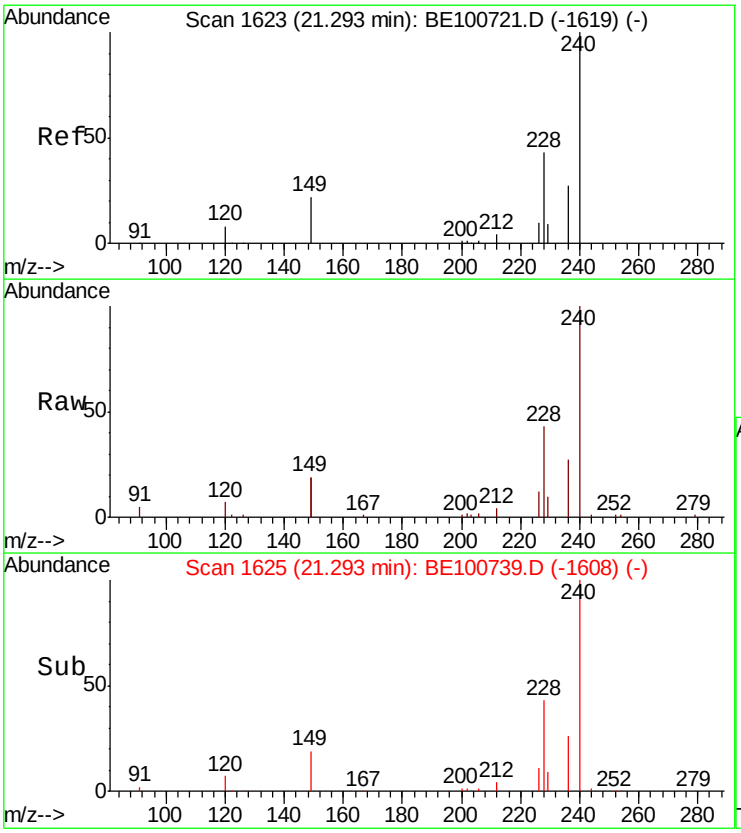
#26
Fluoranthene
Concen: 0.818 ng
RT: 19.18 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:202 Resp: 52705

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.6	12.8
203	17.3	13.6	20.4

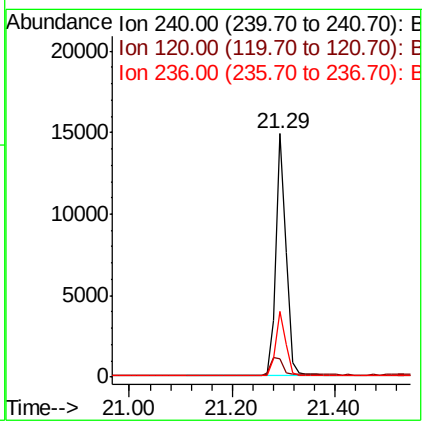


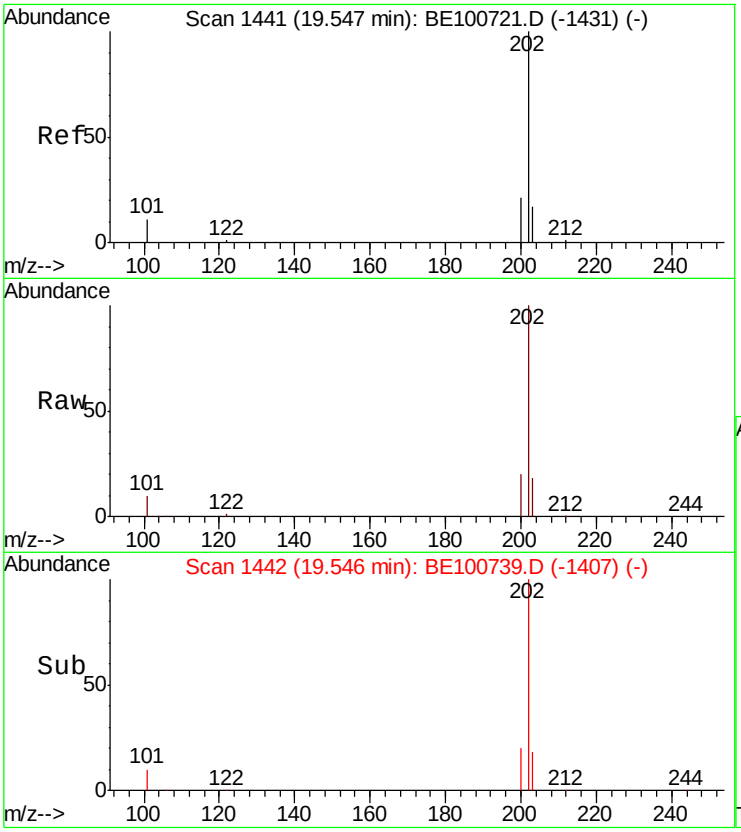


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:240 Resp: 19922

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.4	11.0
236	26.9	21.8	32.6



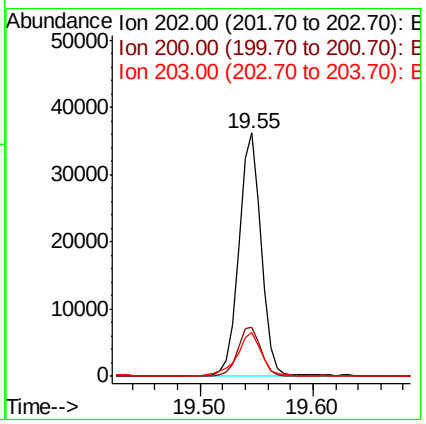


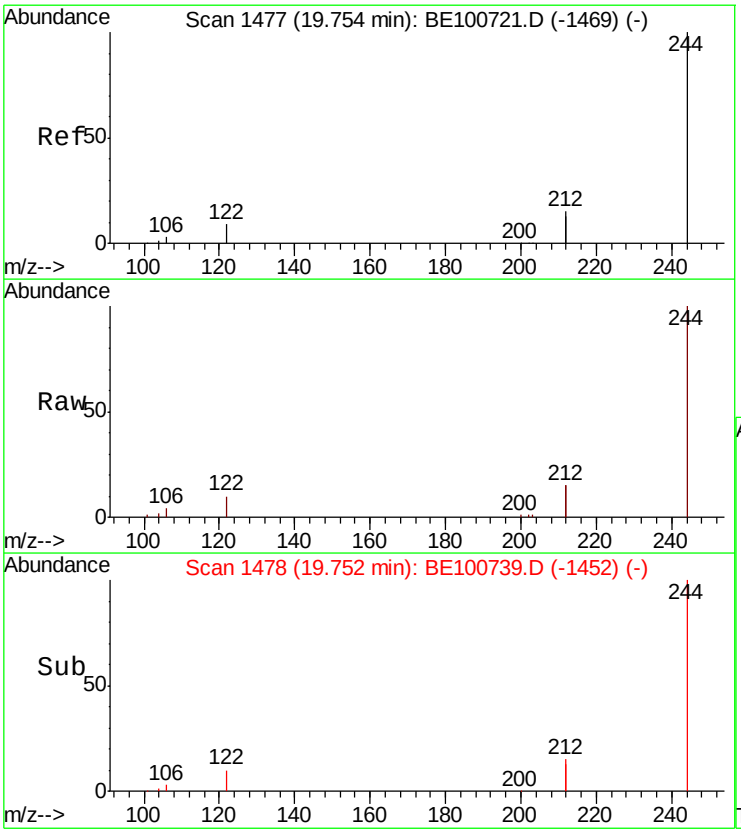
#28
Pyrene
Concen: 0.896 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:202 Resp: 49627

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	19.4	14.0	21.0

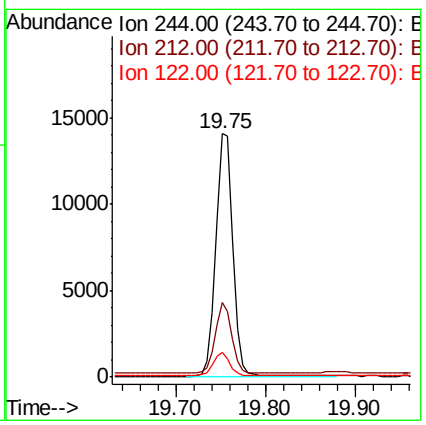


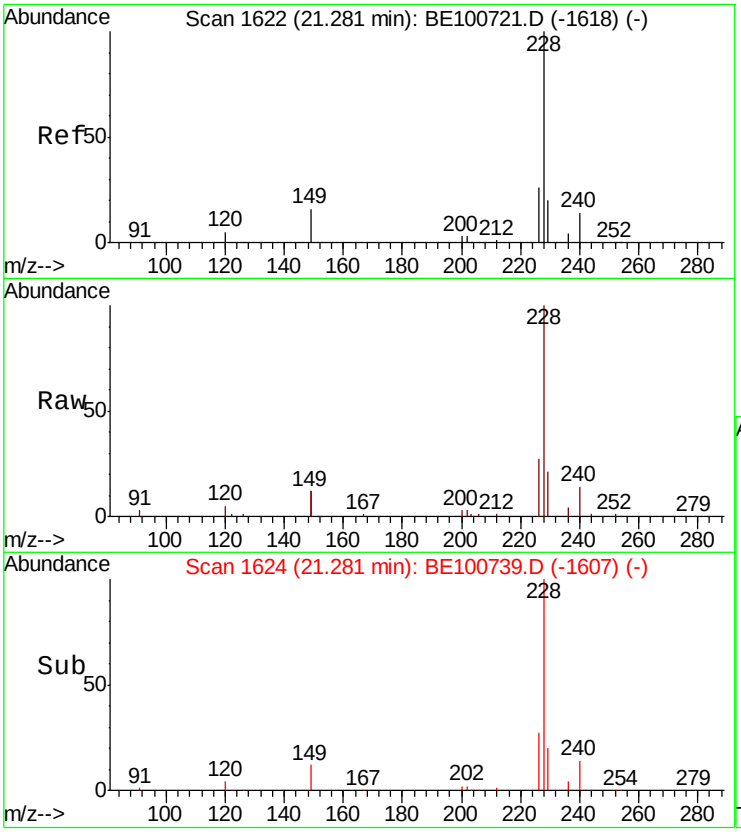


#29
Terphenyl-d14
Concen: 0.390 ng
RT: 19.75 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:244 Resp: 18543

Ion	Ratio	Lower	Upper
244	100		
212	30.8	24.3	36.5
122	10.3	7.6	11.4



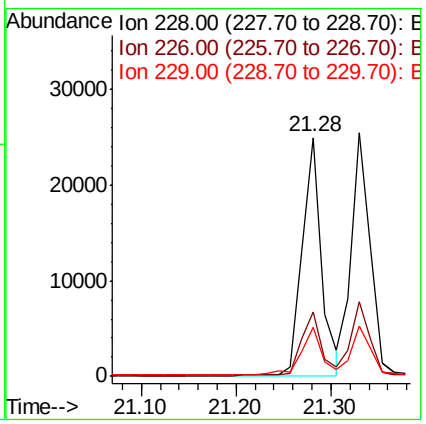


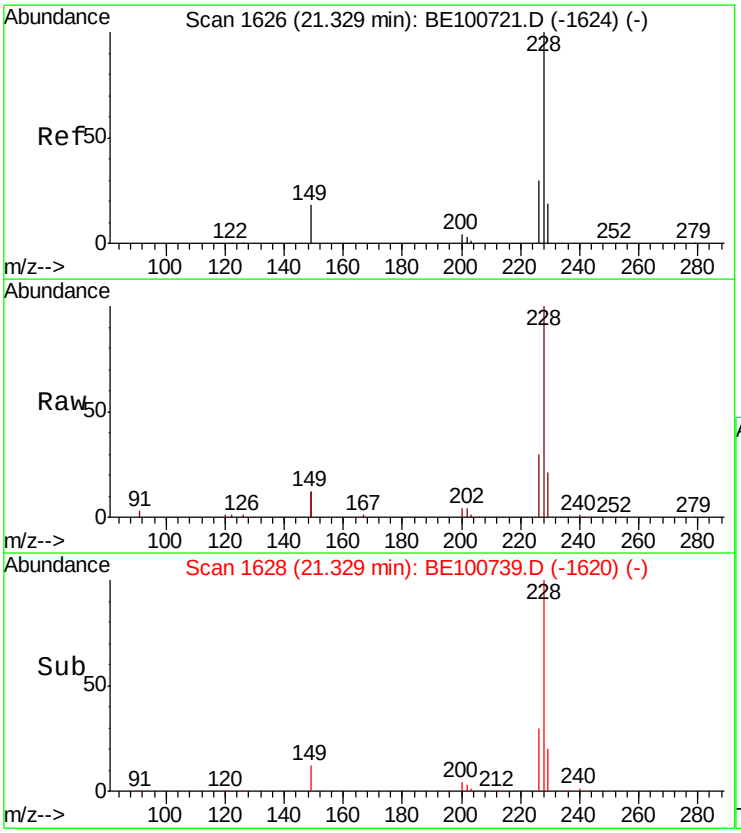
#30
Benzo(a)anthracene
Concen: 0.543 ng
RT: 21.28 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:228 Resp: 34721

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.1	31.7
229	20.7	15.9	23.9

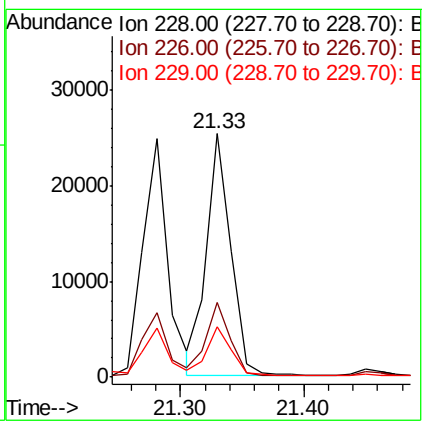


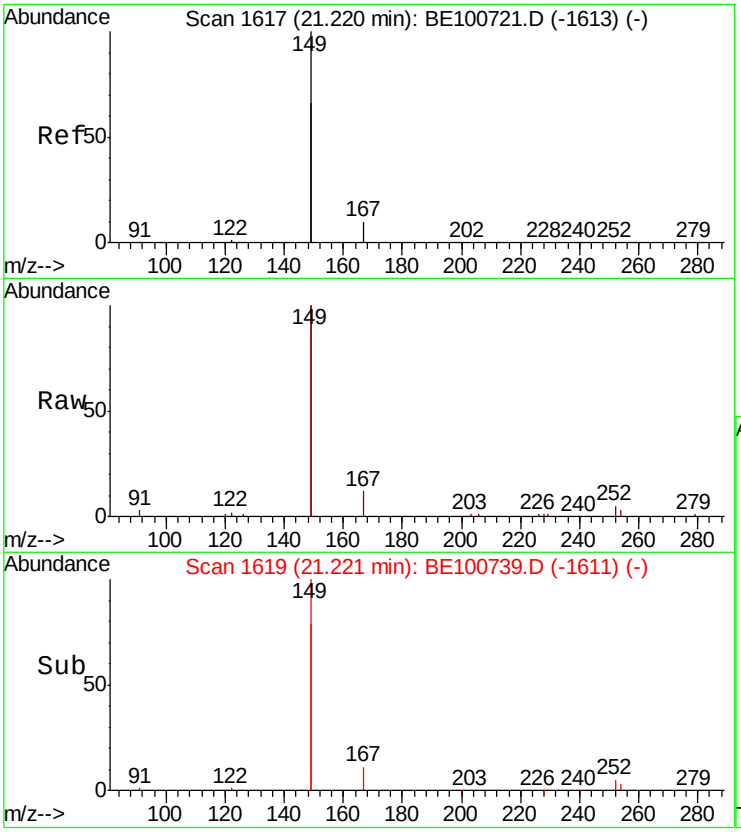


#31
Chrysene
Concen: 0.535 ng
RT: 21.33 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:228 Resp: 34731

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	20.6	15.5	23.3



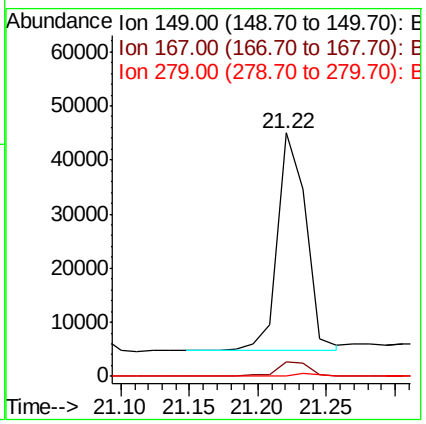


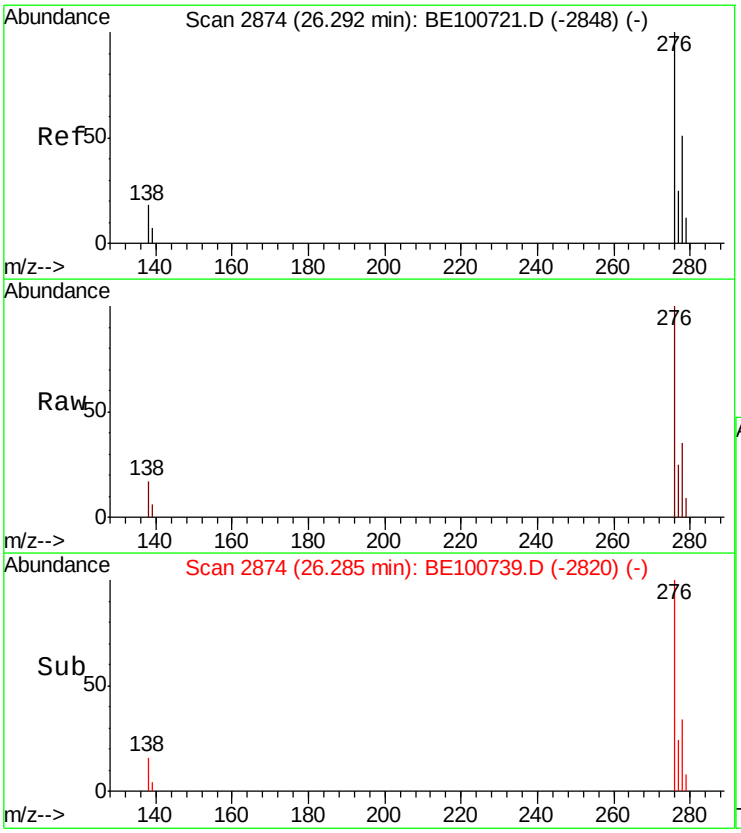
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.510 ng
RT: 21.22 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:149 Resp: 57882

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.2	7.8
279	1.1	0.9	1.3

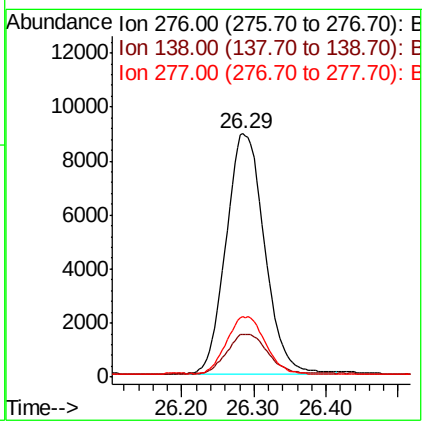


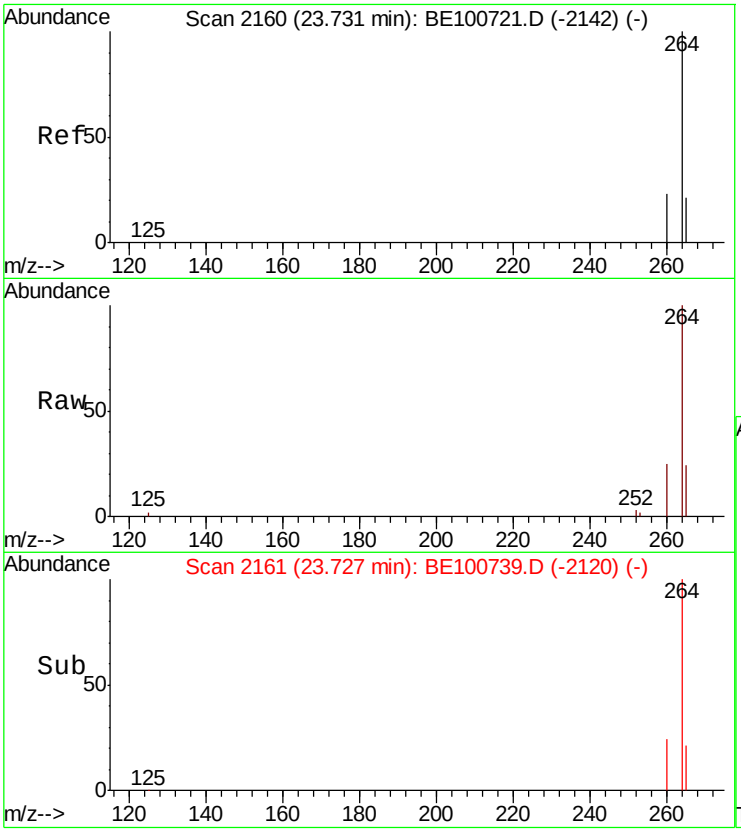


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.29 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:276 Resp: 32229

Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.8	22.2
277	24.2	19.6	29.4



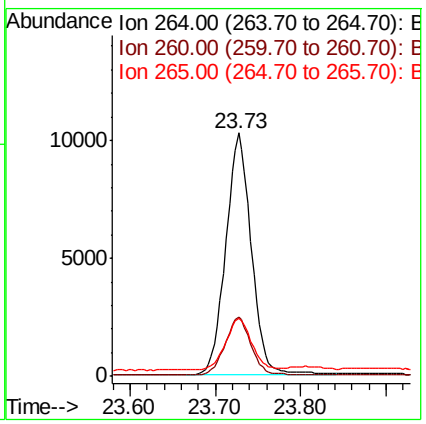


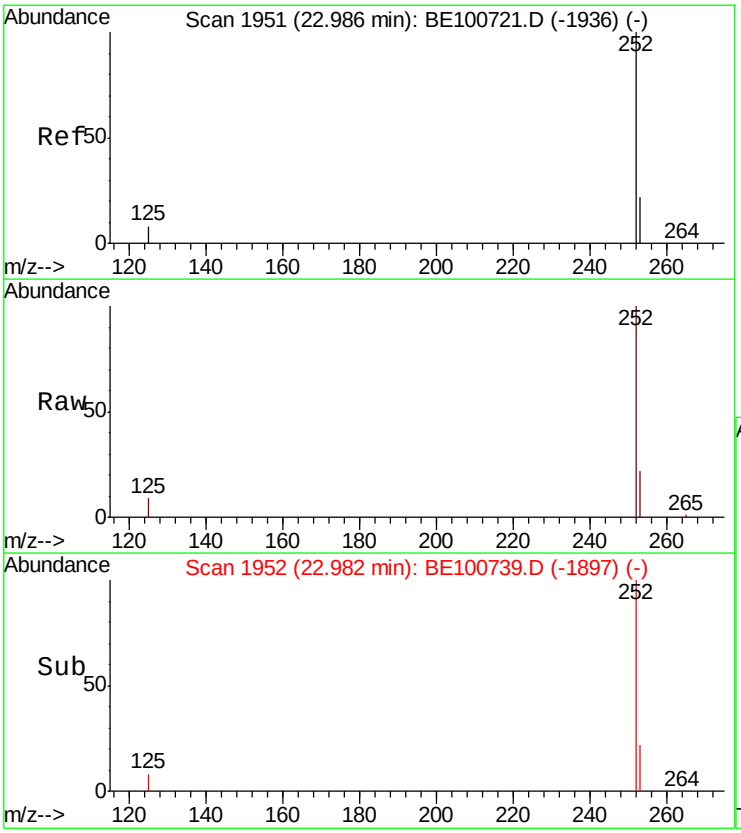
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:264 Resp: 21243

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	23.7	19.7	29.5

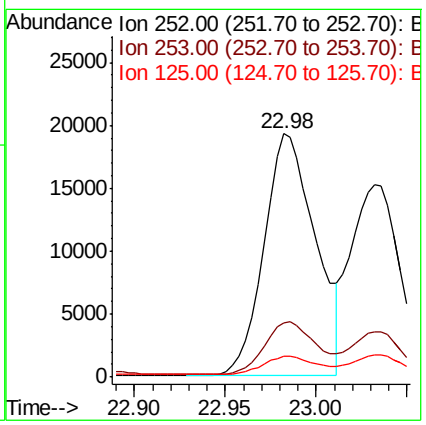


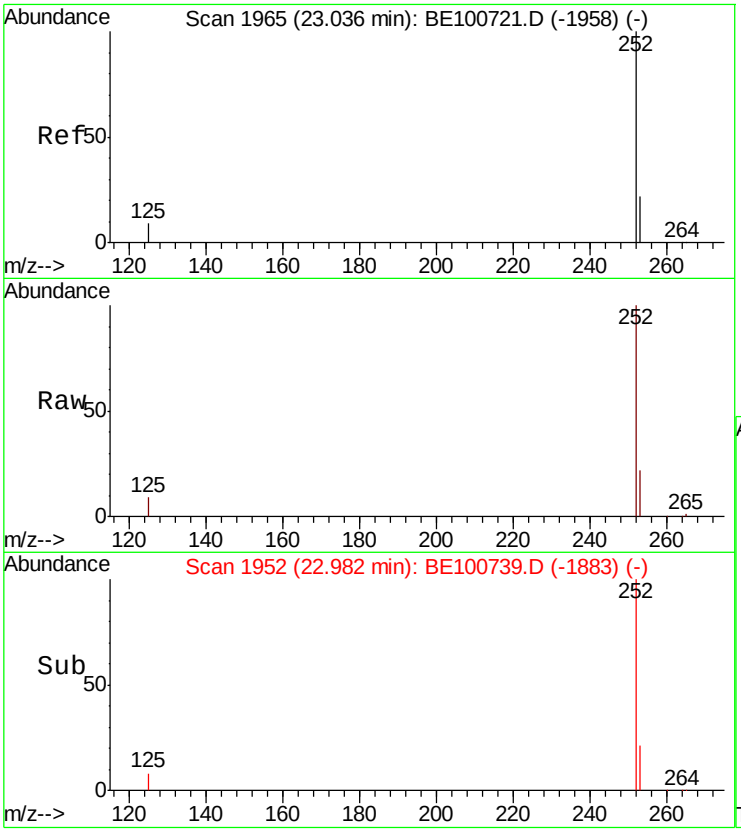


#35
Benzo(b)fluoranthene
Concen: 0.609 ng
RT: 22.98 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:252 Resp: 37771

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	8.7	7.0	10.4



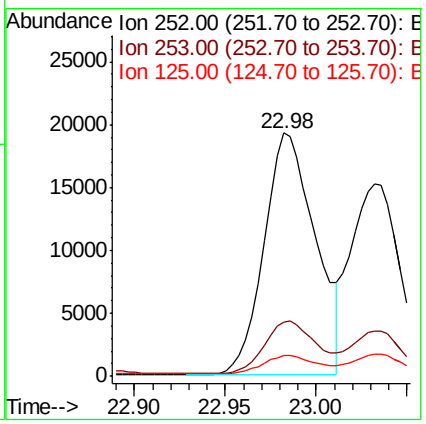


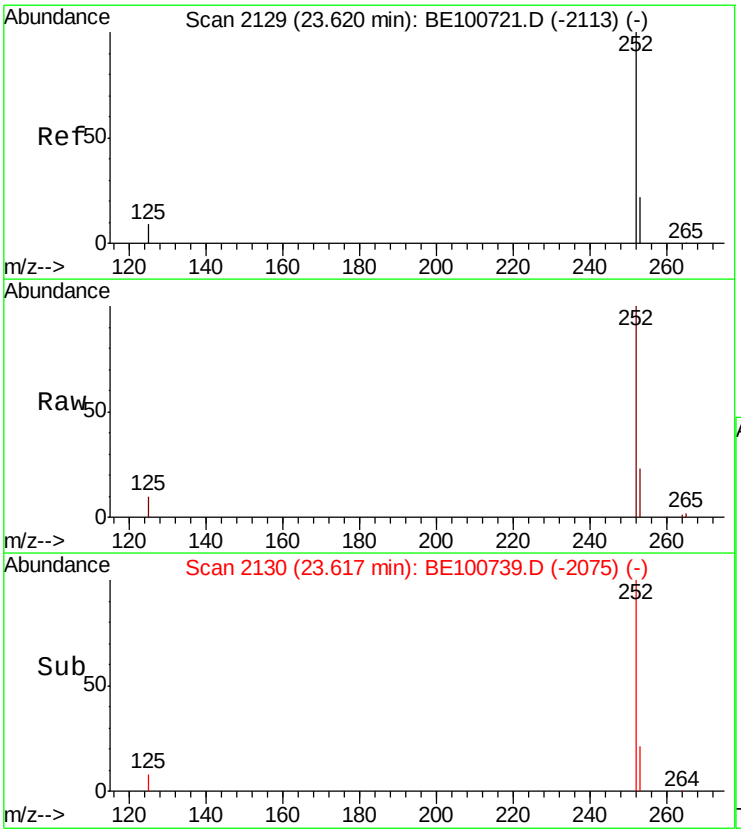
#36
Benzo(k)fluoranthene
Concen: 0.582 ng
RT: 22.98 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:252 Resp: 37771

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	8.7	7.6	11.4

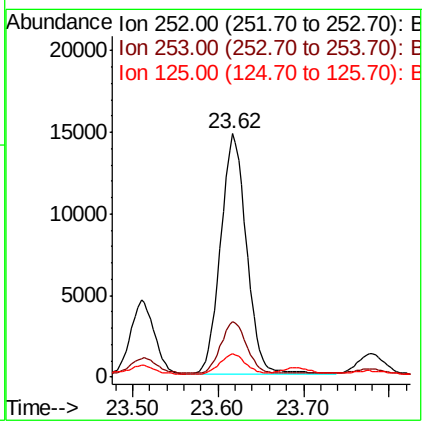


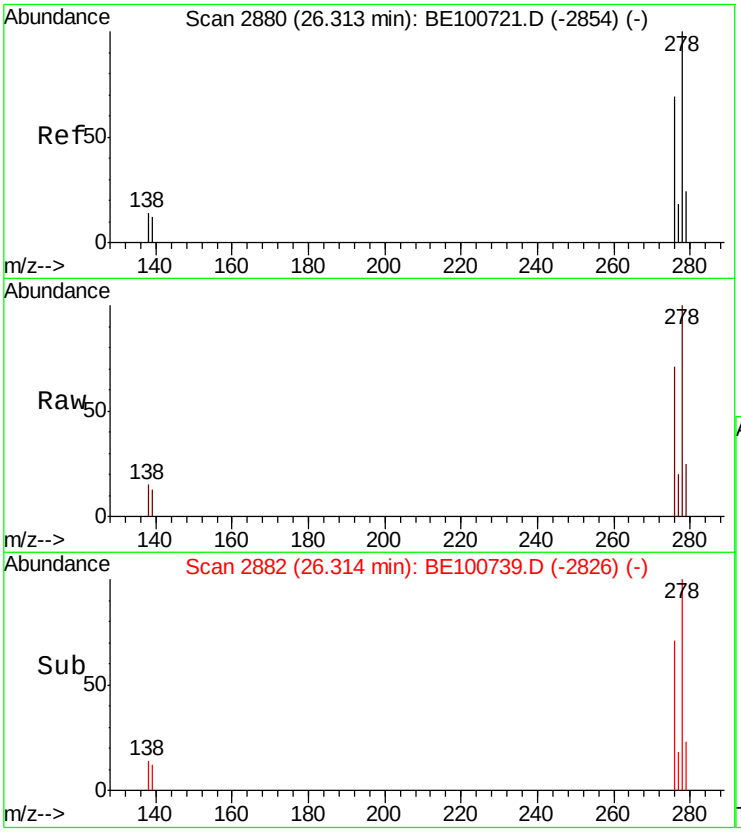


#37
Benzo(a)pyrene
Concen: 0.539 ng
RT: 23.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:252 Resp: 31139

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	9.7	7.9	11.9



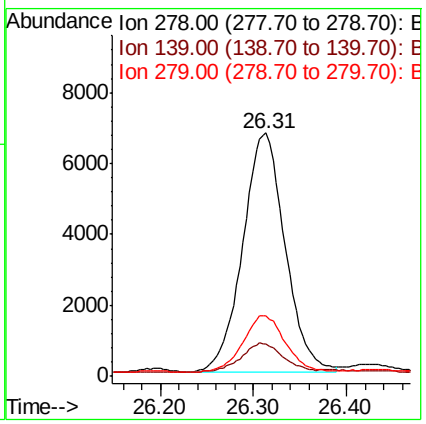


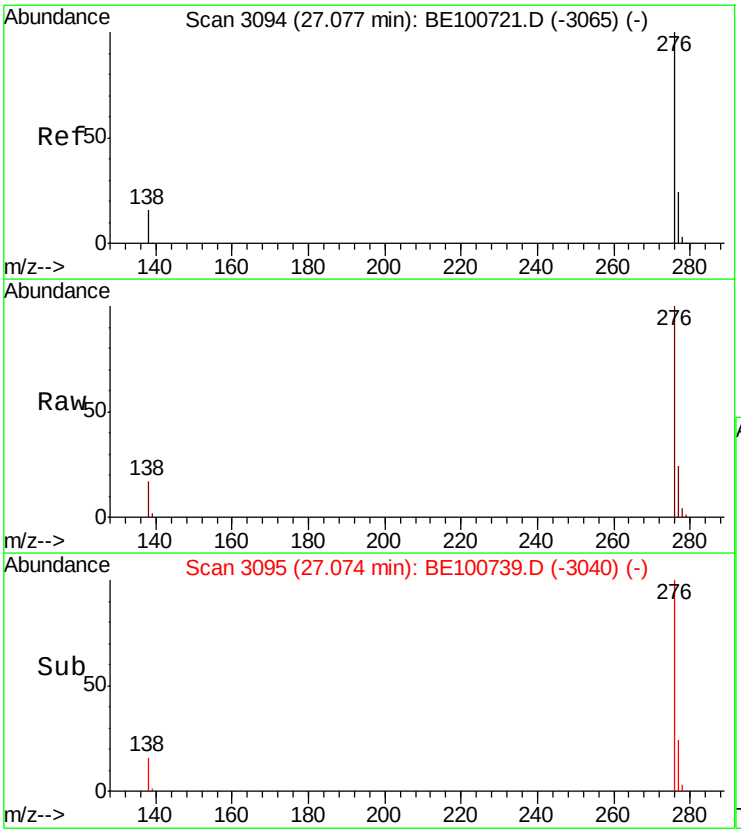
#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.31 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MSD

Tgt Ion:278 Resp: 21394

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.3	15.5
279	24.9	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 0.496 ng
RT: 27.07 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BE100739.D
Acq: 15 Nov 2019 16:16

Tgt Ion:276 Resp: 29317

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.6
138	17.1	13.6	20.4