Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100944.D
Acq On : 17 Dec 2019 8:51
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 17 14:49:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4976	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	24213	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	15438	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	36888	0.40	ng		0.00
27) Chrysene-d12	21.29	240	34546	0.40	ng		-0.01
34) Perylene-d12	23.75	264	40665	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	7420	0.63	ng		0.00
5) Phenol-d6	6.93	99	11034	0.62	ng		0.00
8) Nitrobenzene-d5	8.90	82	8383	0.73	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	15905	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1834	1.07	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	22432	0.37	ng		0.00
25) Fluoranthene-d10	19.16	212	176413	0.40	ng		0.00
29) Terphenyl-d14	19.76	244	35523	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3698	0.408	ng		93
3) n-Nitrosodimethylamine	3.64	42	3539	0.479	ng	#	85
6) bis(2-Chloroethyl)ether	7.18	93	8234	0.478	ng		100
9) Naphthalene	10.58	128	113628	0.442	ng		100
10) Hexachlorobutadiene	10.89	225	4109	0.410	ng		97
12) 2-Methylnaphthalene	12.21	142	18720	0.466	ng		99
16) Acenaphthylene	14.11	152	30332	0.475	ng		100
17) Acenaphthene	14.46	154	18987	0.431	ng		97
18) Fluorene	15.42	166	25457	0.448	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	7600	0.420	ng		94
21) Hexachlorobenzene	16.44	284	7394	0.376	ng		99
22) Pentachlorophenol	16.79	266	1176	0.865	ng		91
23) Phenanthrene	17.16	178	45207	0.405	ng		99
24) Anthracene	17.26	178	41893	0.448	ng		100
26) Fluoranthene	19.18	202	52613	0.395	ng		99
28) Pyrene	19.55	202	54791	0.488	ng		99
30) Benzo(a)anthracene	21.28	228	52541	0.516	ng		98
31) Chrysene	21.33	228	52982	0.443	ng		99
32) Bis(2-ethylhexyl)phthalate	21.23	149	141485	1.574	ng		99
33) Indeno(1,2,3-cd)pyrene	26.32	276	56622	0.543	ng		97
35) Benzo(b)fluoranthene	22.99	252	50914	0.457	ng	#	97
36) Benzo(k)fluoranthene	22.99	252	50914	0.408	ng		98
37) Benzo(a)pyrene	23.63	252	48946	0.508	ng	#	97
38) Dibenzo(a,h)anthracene	26.34	278	45362	0.473	ng		99
39) Benzo(g,h,i)perylene	27.10	276	47243	0.461	ng		98

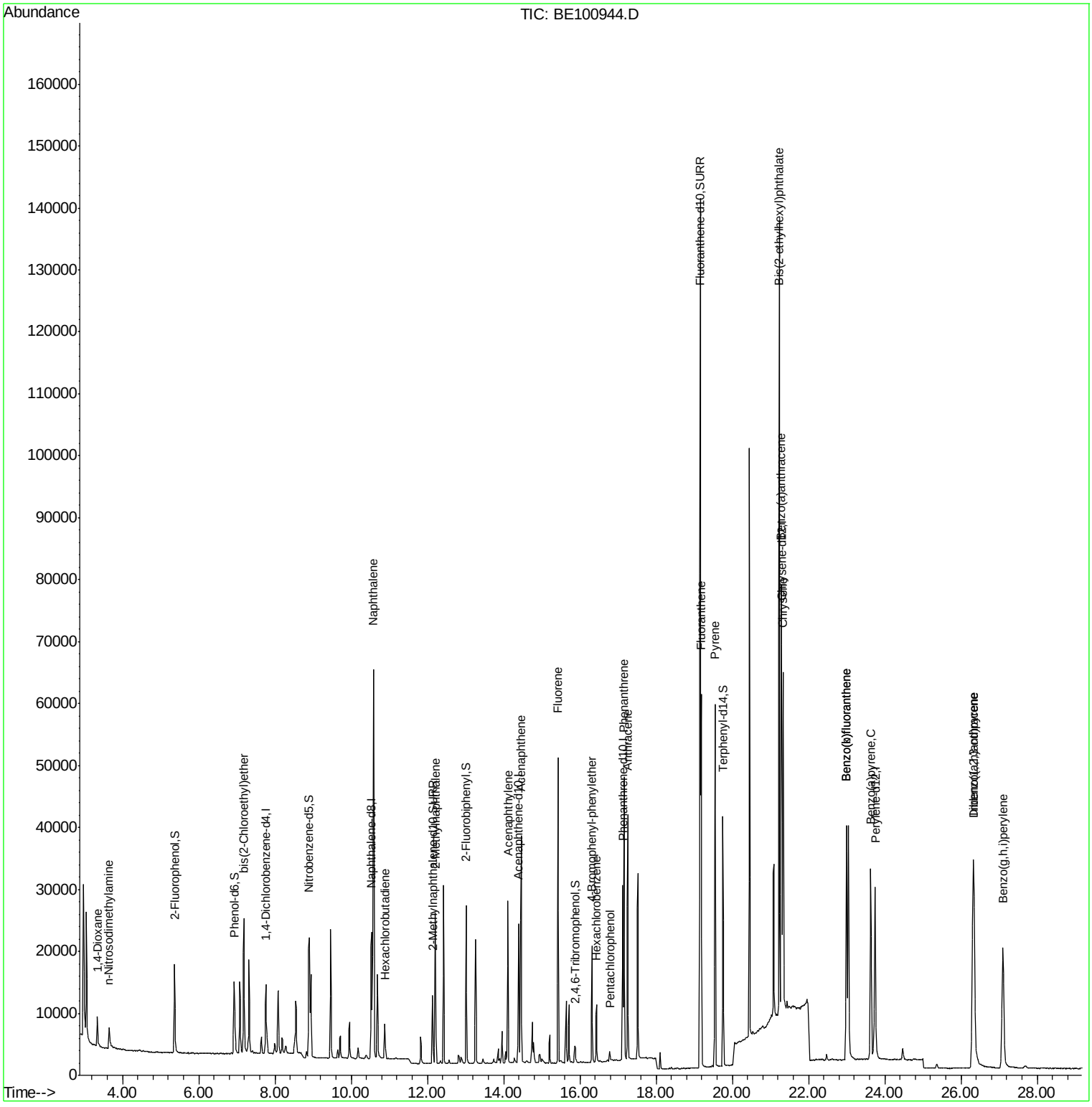
(#) = qualifier out of range (m) = manual integration (+) = signals summed

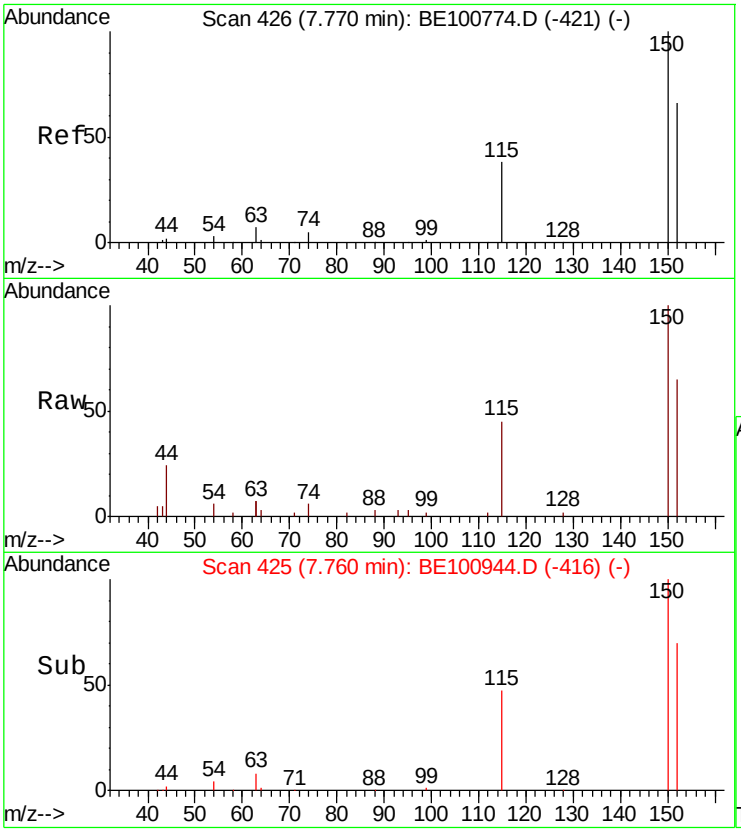
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100944.D
Acq On : 17 Dec 2019 8:51
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 17 14:49:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



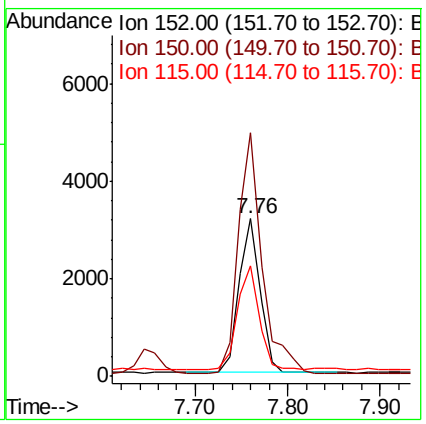


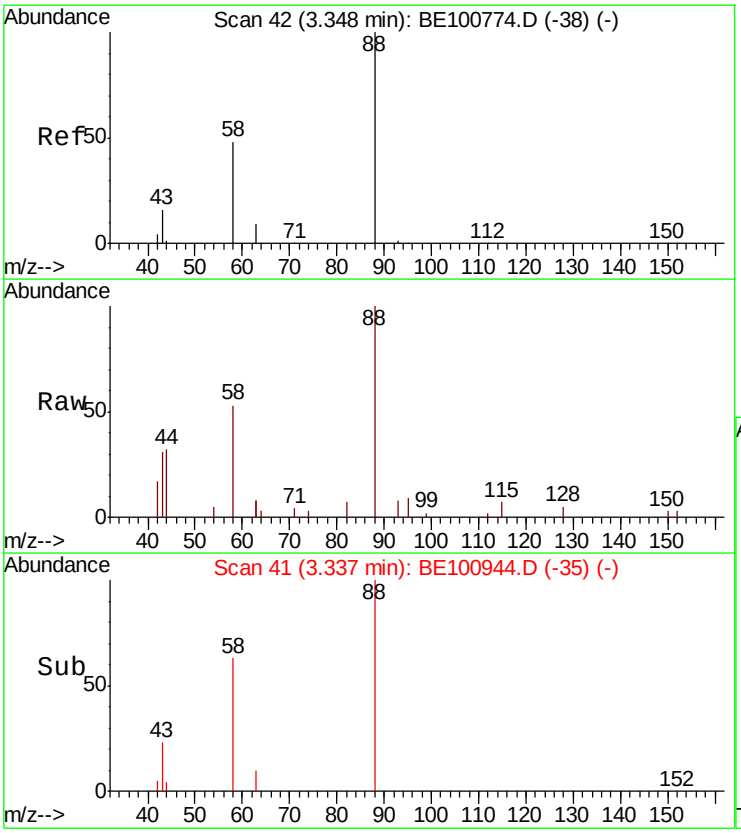
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4976

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.5	188.3
115	70.4	55.7	83.5

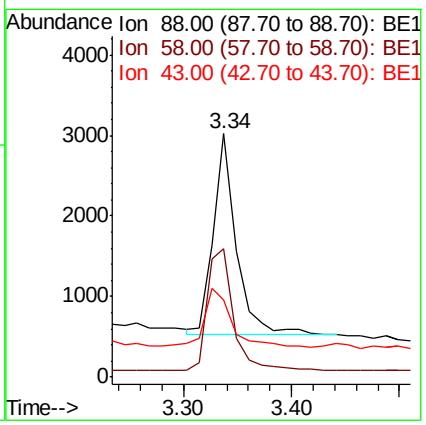


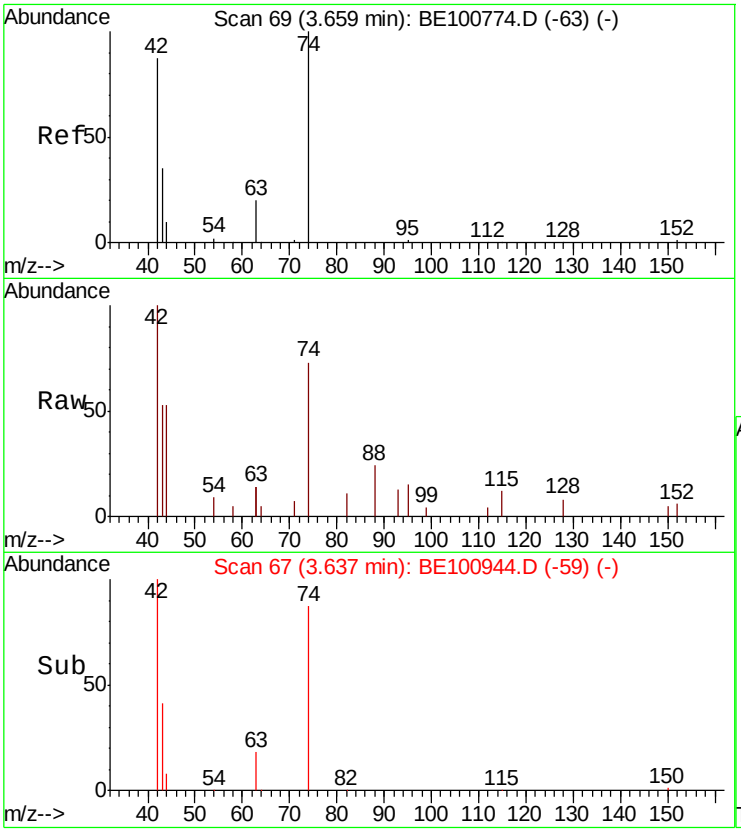


#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion: 88 Resp: 3698

Ion	Ratio	Lower	Upper
88	100		
58	69.7	52.3	78.5
43	34.2	23.5	35.3



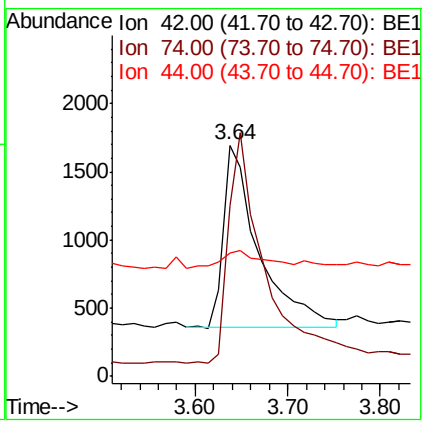


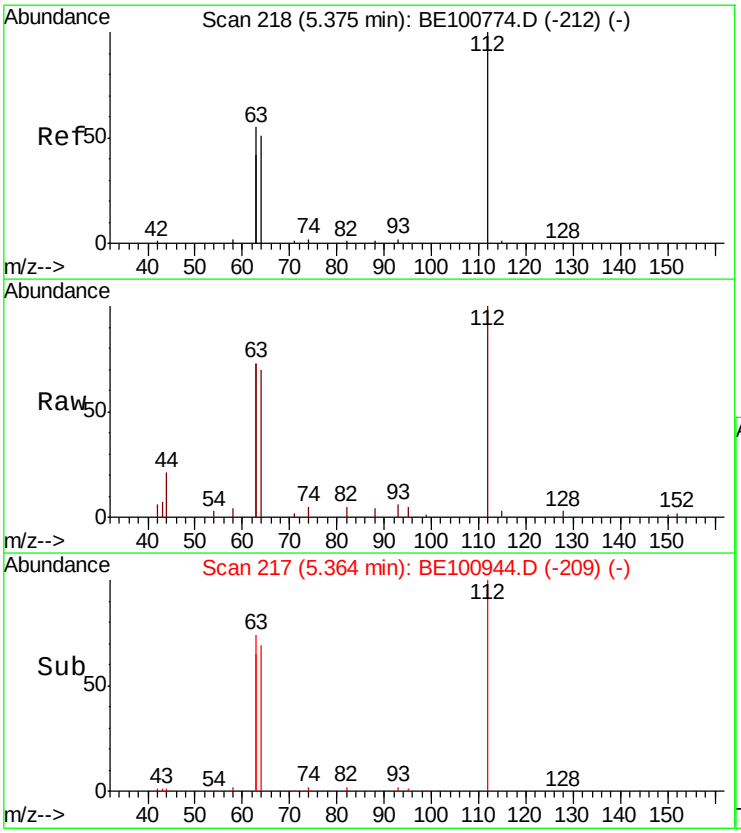
#3
n-Nitrosodimethylamine
Concen: 0.479 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3539

Ion	Ratio	Lower	Upper
42	100		
74	130.2	90.3	135.5
44	8.6	9.0	13.4#

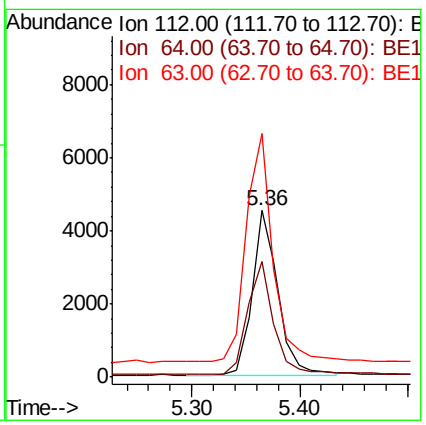


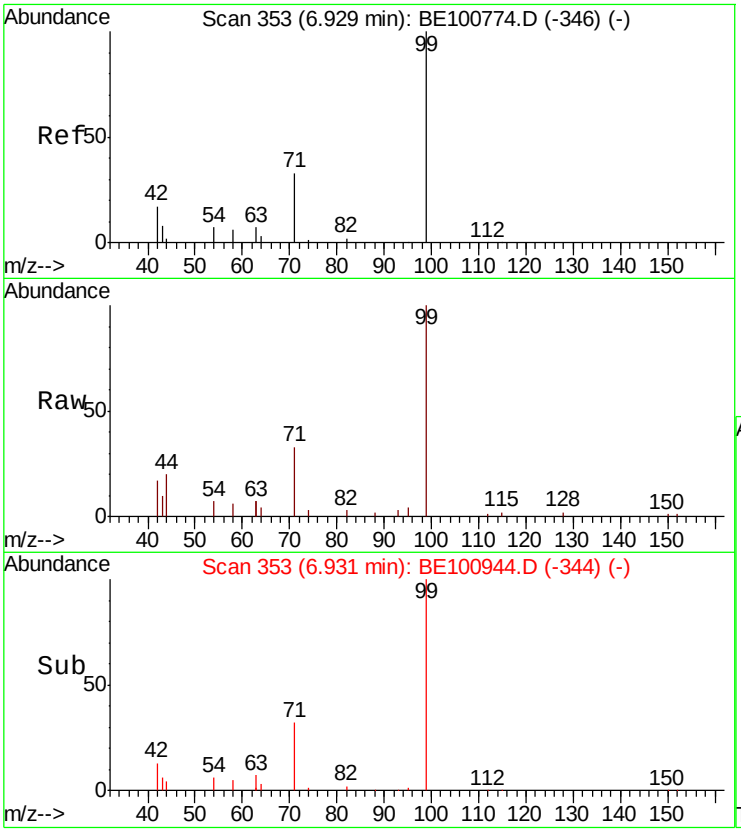


#4
2-Fluorophenol
Concen: 0.628 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:112 Resp: 7420

Ion	Ratio	Lower	Upper
112	100		
64	69.2	54.5	81.7
63	143.4	116.1	174.1



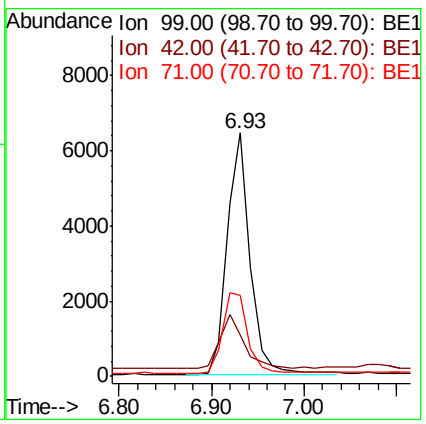


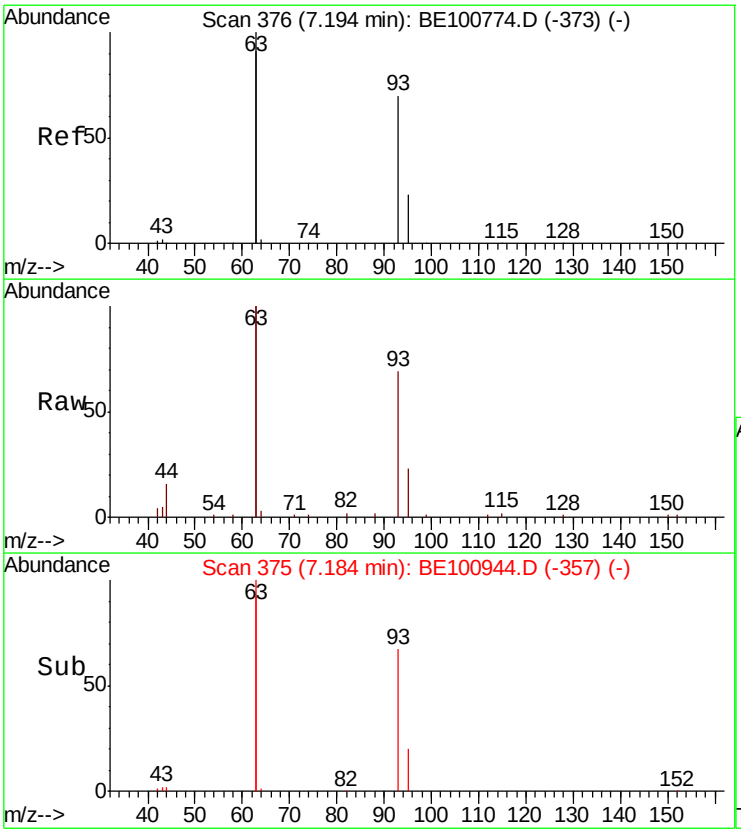
#5
Phenol-d6
Concen: 0.619 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 11034

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.2	27.2
71	37.2	29.1	43.7

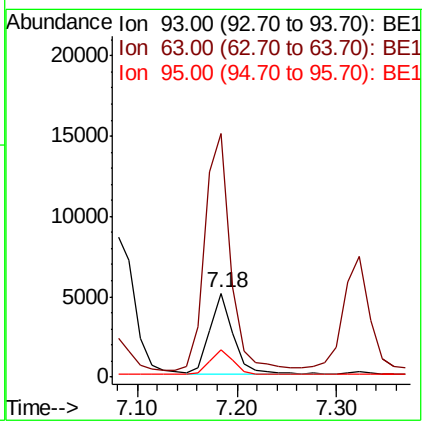


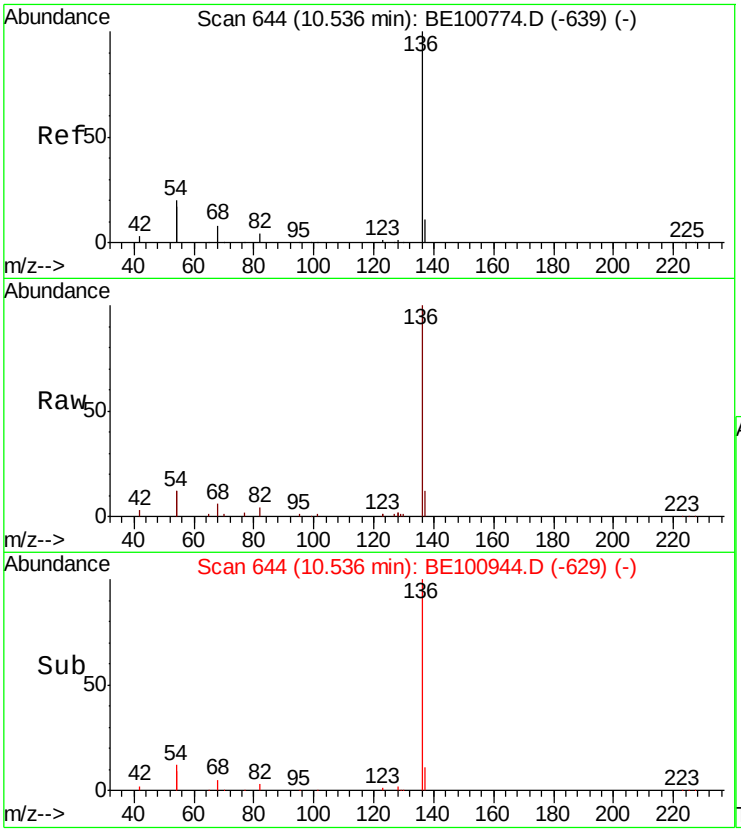


#6
bis(2-Chloroethyl)ether
Concen: 0.478 ng
RT: 7.18 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion: 93 Resp: 8234

Ion	Ratio	Lower	Upper
93	100		
63	316.8	253.9	380.9
95	31.9	25.0	37.6



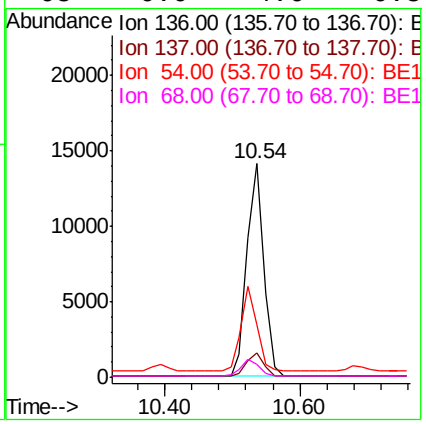


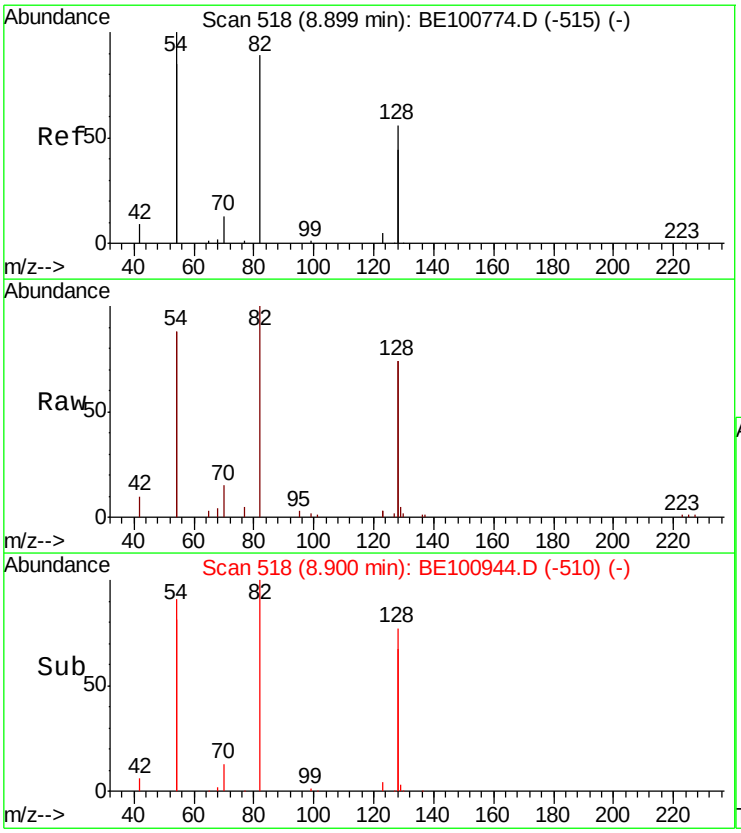
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 24213

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	24.3	18.9	28.3
68	6.0	4.6	6.8

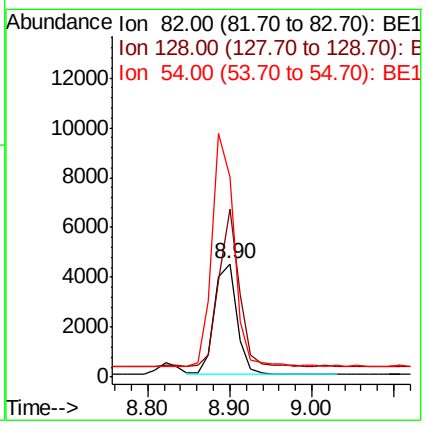


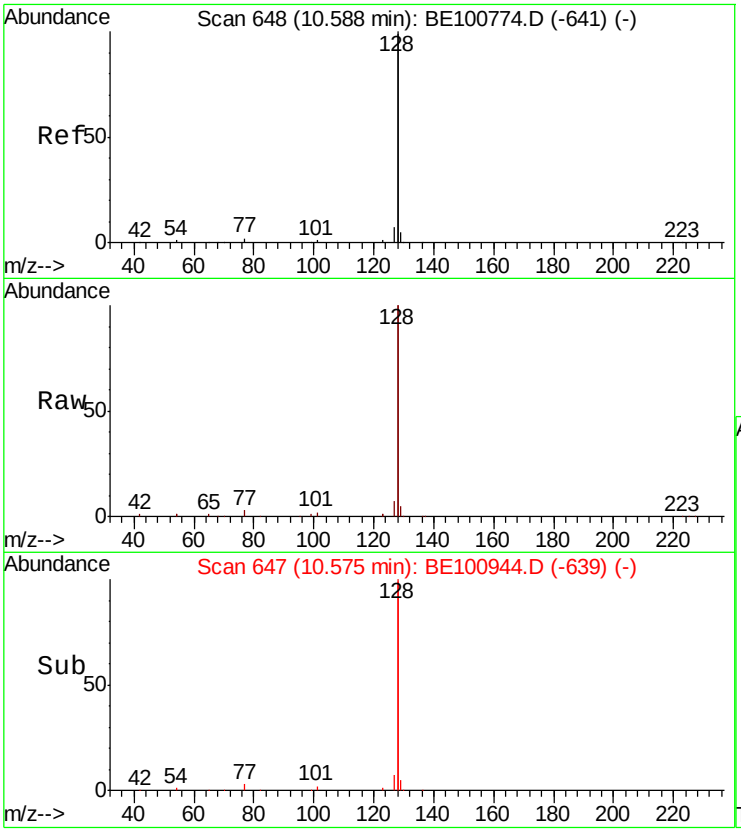


#8
Nitrobenzene-d5
Concen: 0.727 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion: 82 Resp: 8383

Ion	Ratio	Lower	Upper
82	100		
128	148.9	113.5	170.3
54	176.4	138.9	208.3



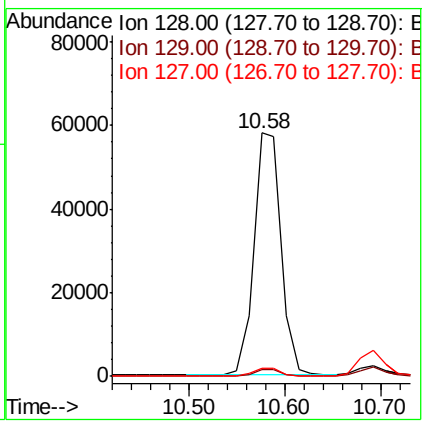


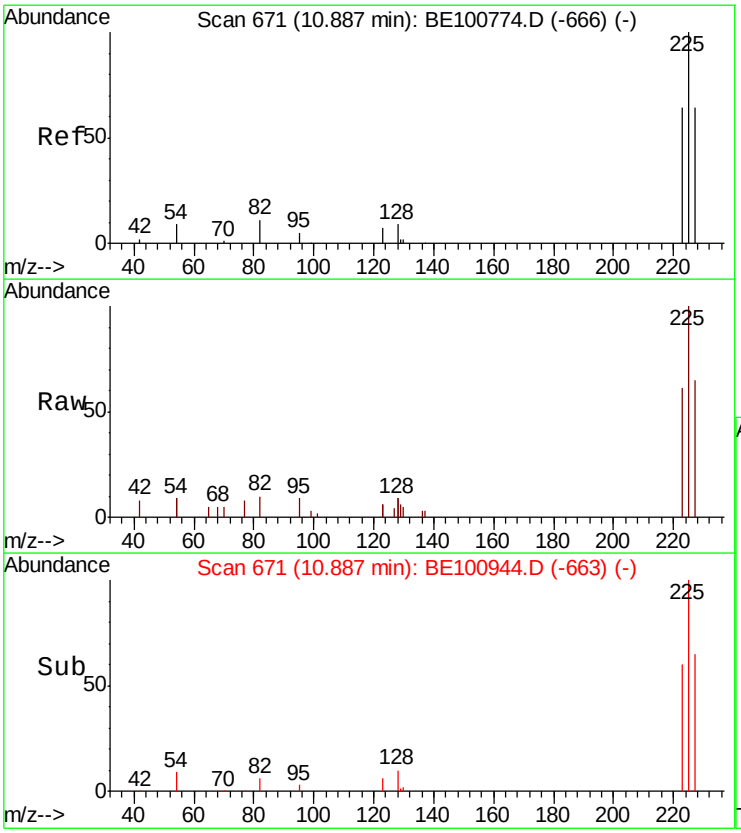
#9
Naphthalene
Concen: 0.442 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 113628

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.5	2.8	4.2

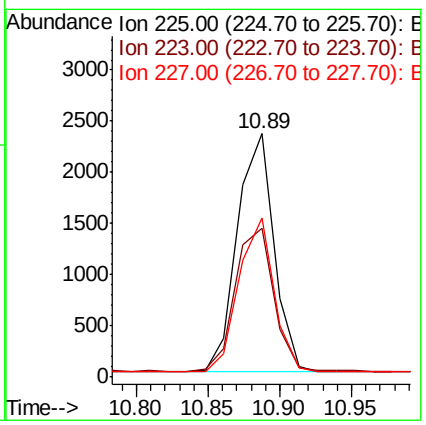


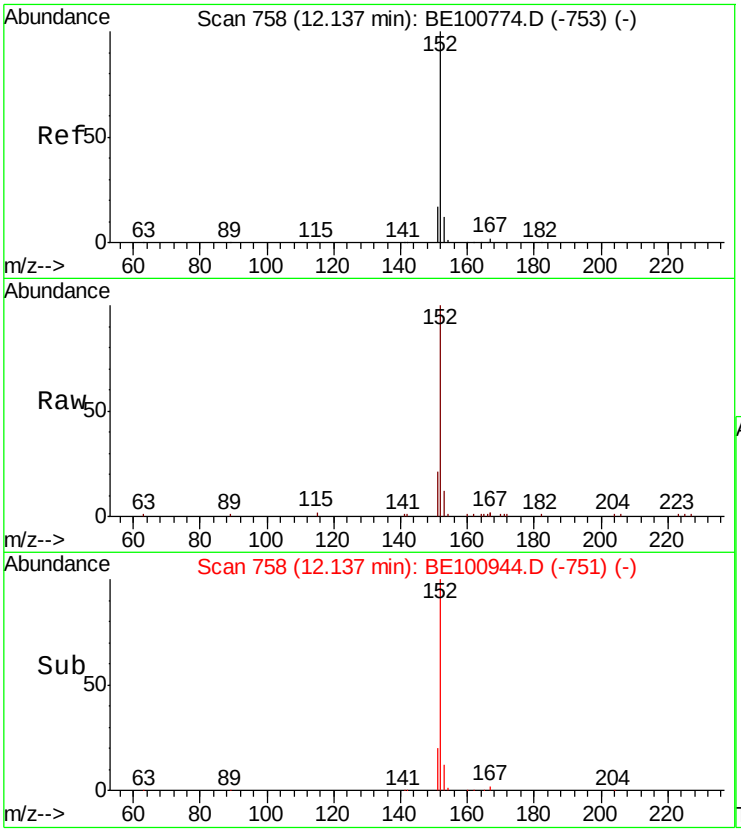


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:225 Resp: 4109

Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.1	78.1
227	62.0	51.1	76.7



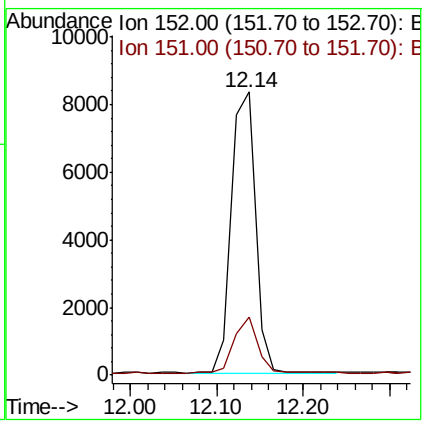


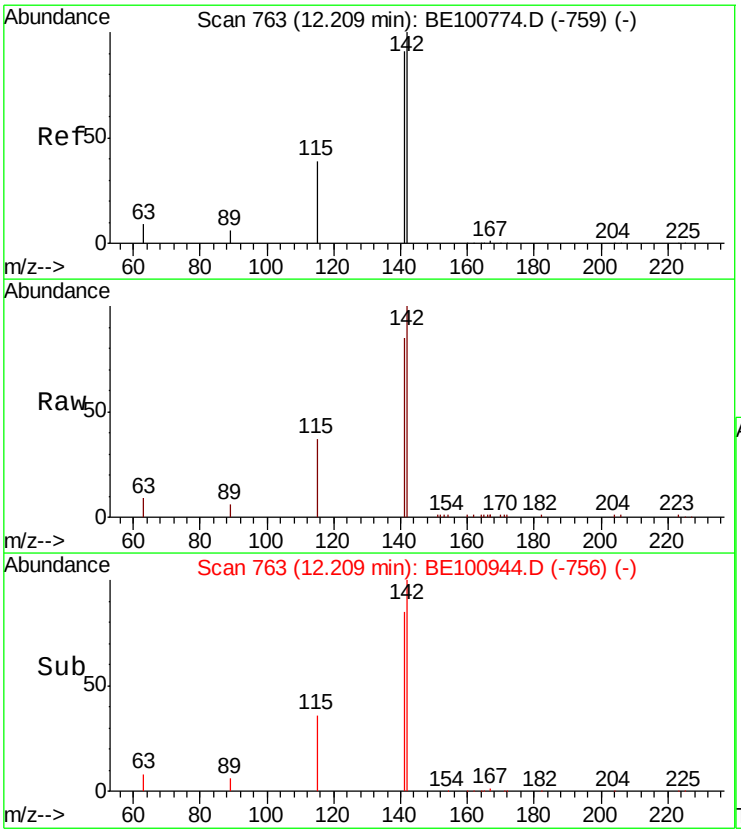
#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15905

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

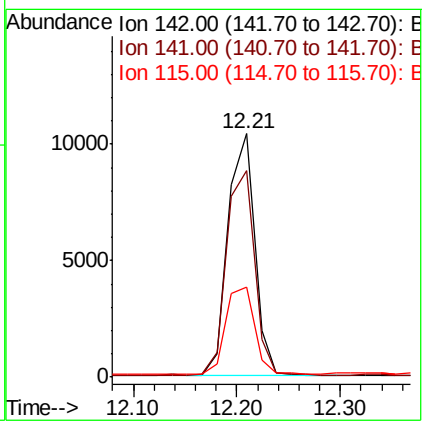


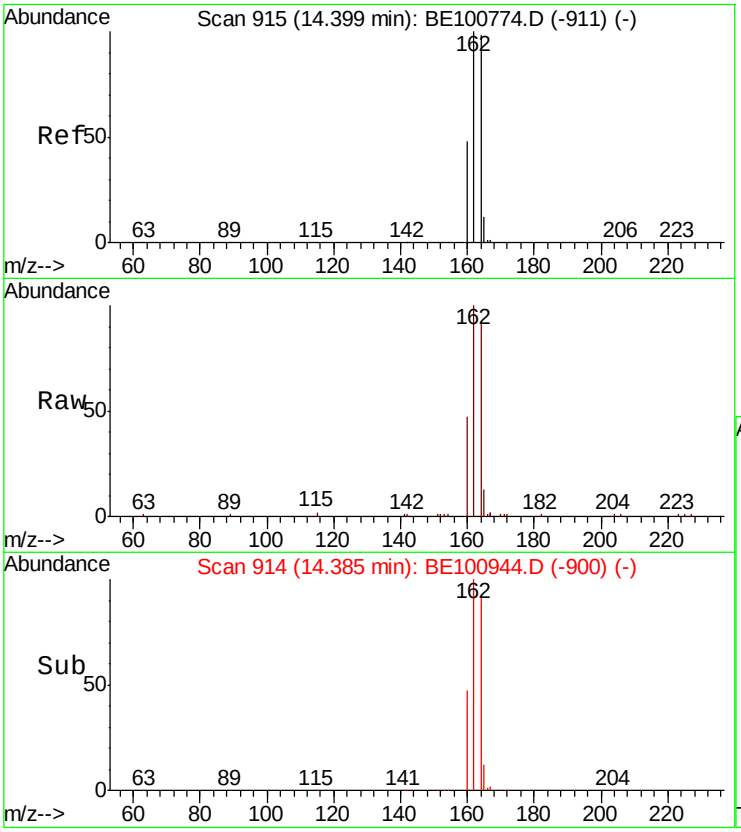


#12
2-Methylnaphthalene
Concen: 0.466 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:142 Resp: 18720

Ion	Ratio	Lower	Upper
142	100		
141	85.0	68.9	103.3
115	37.2	29.5	44.3



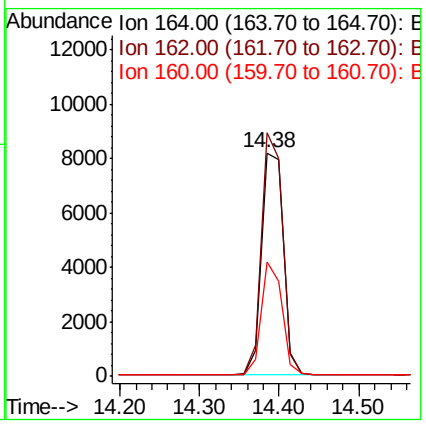


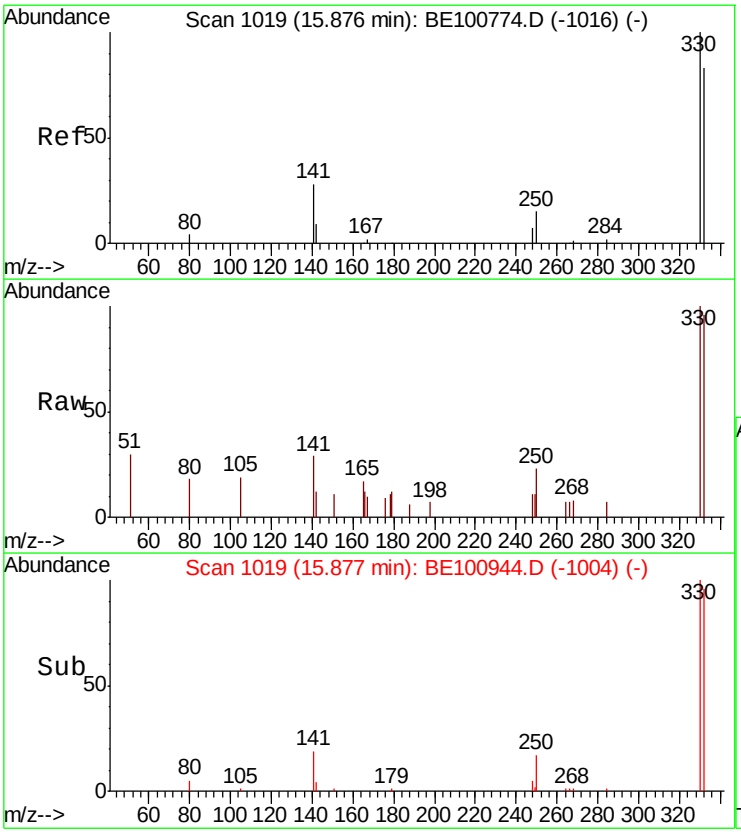
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 15438

Ion	Ratio	Lower	Upper
164	100		
162	109.0	86.0	129.0
160	51.3	42.3	63.5

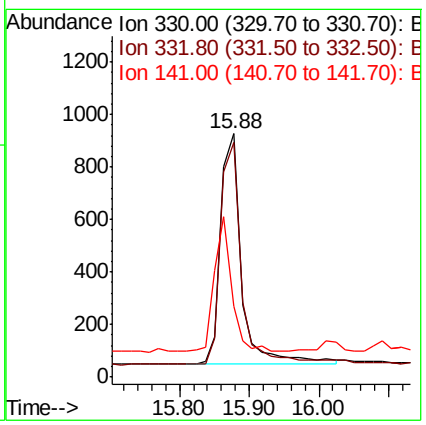


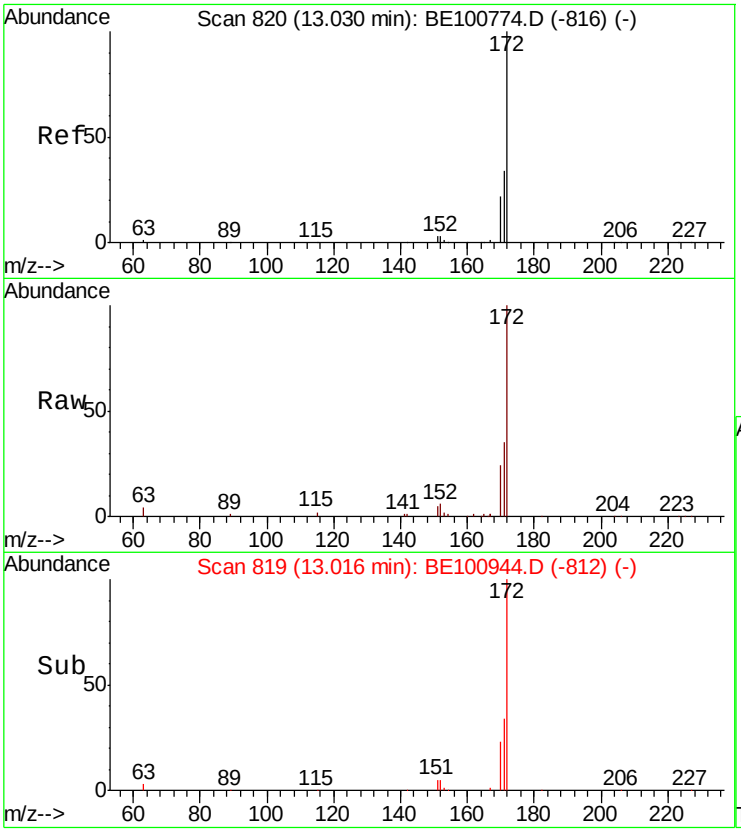


#14
2,4,6-Tribromophenol
Concen: 1.068 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:330 Resp: 1834

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.1	111.1
141	46.9	46.7	70.1



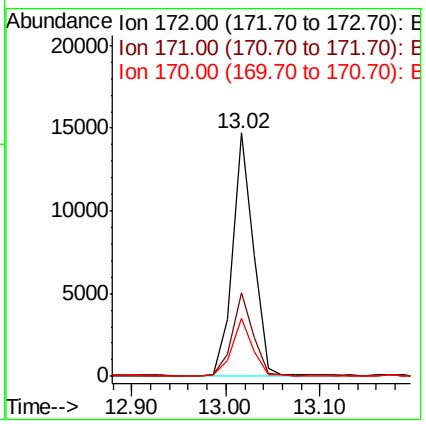


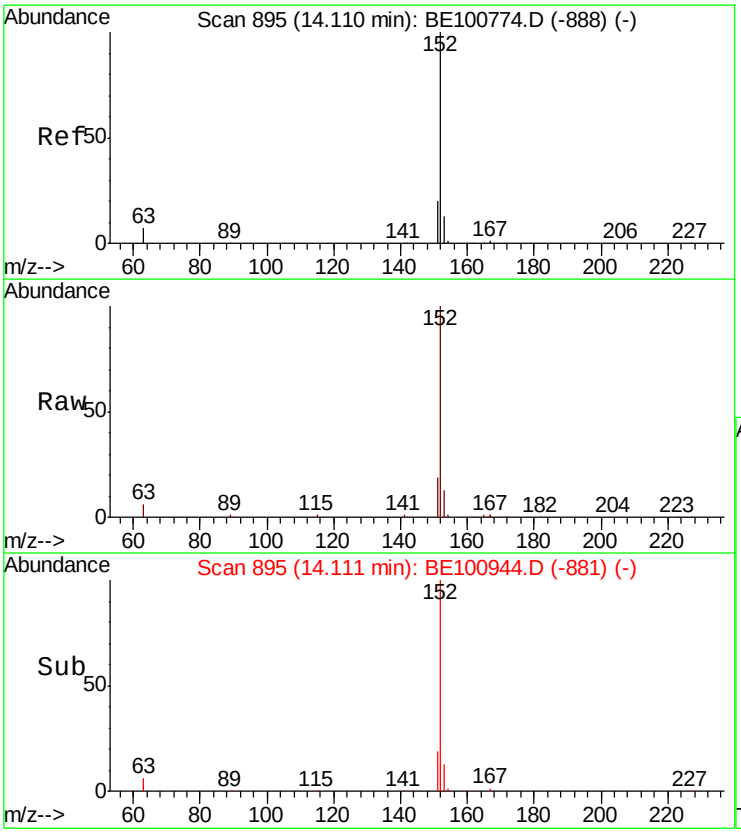
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22432

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	23.7	19.4	29.0

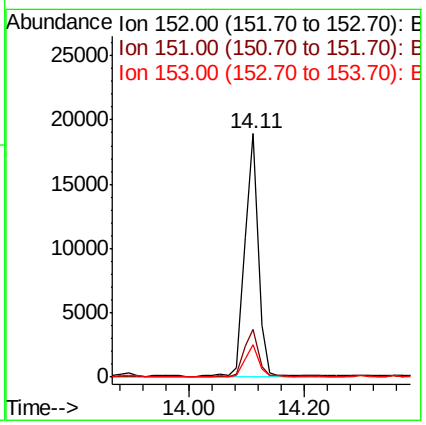


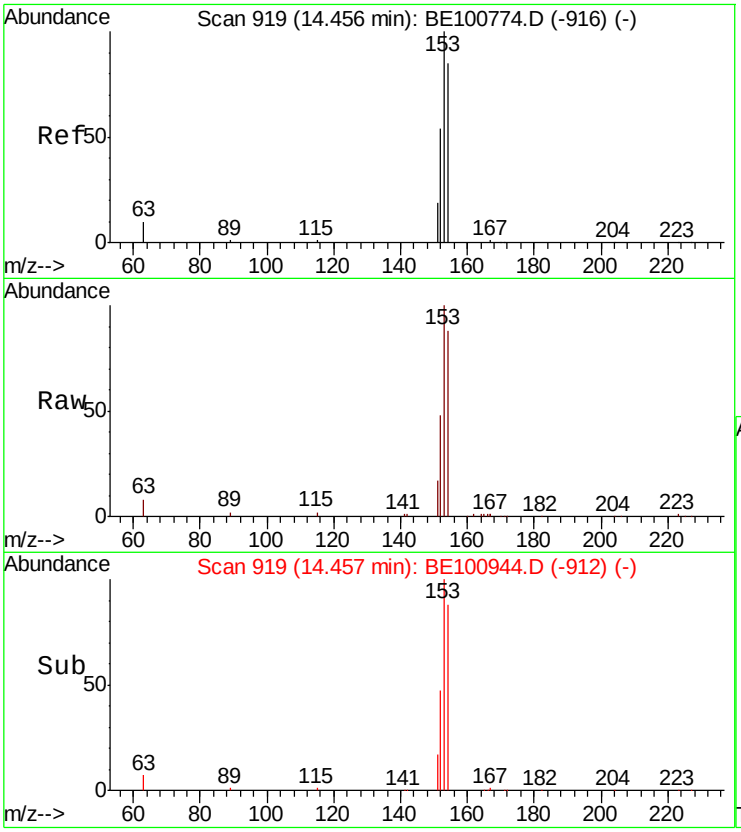


#16
Acenaphthylene
Concen: 0.475 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:152 Resp: 30332

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.0	10.5	15.7



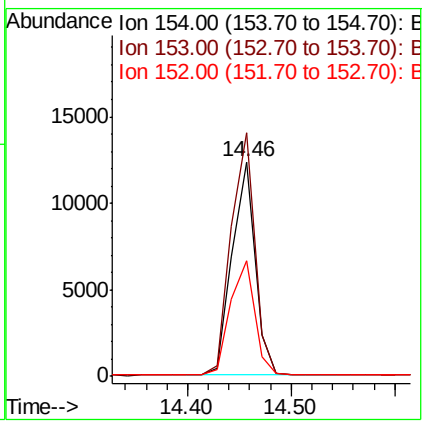


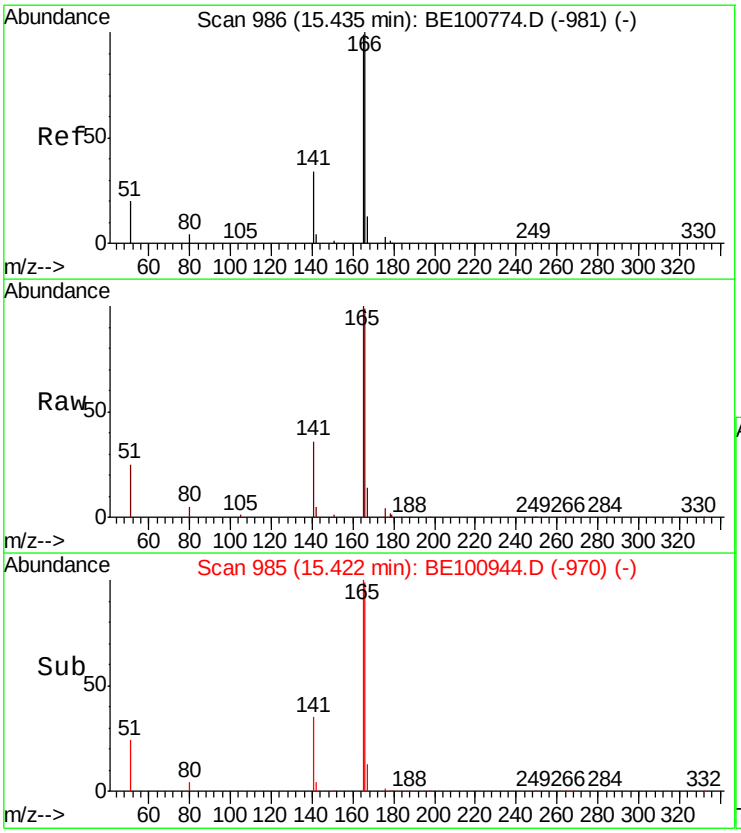
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18987

Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.5	137.3
152	56.9	47.7	71.5

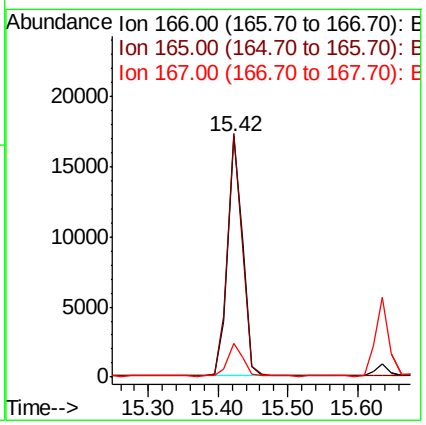


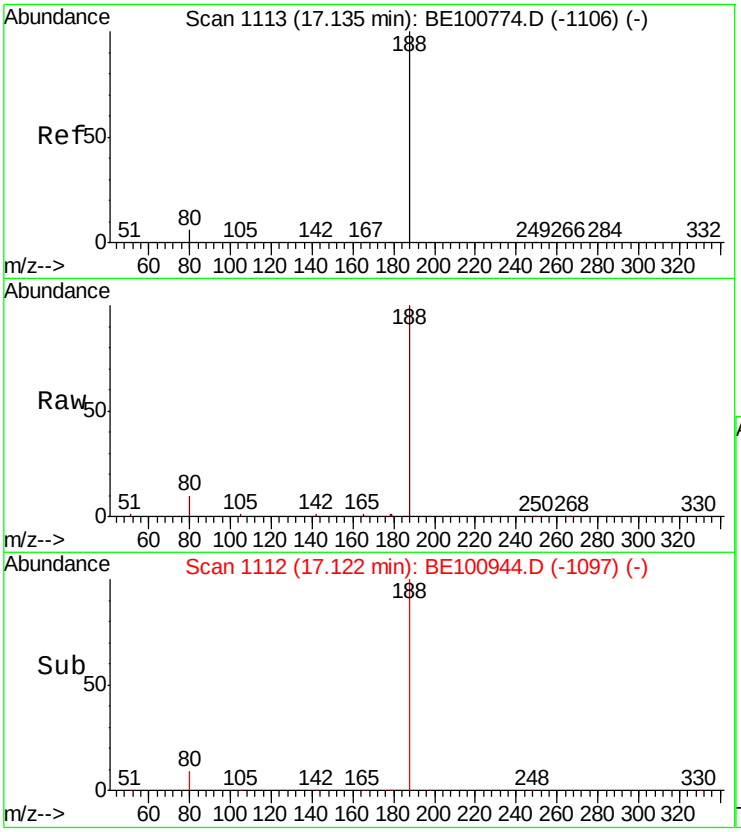


#18
Fluorene
Concen: 0.448 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:166 Resp: 25457

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.2	120.4
167	13.7	10.6	16.0



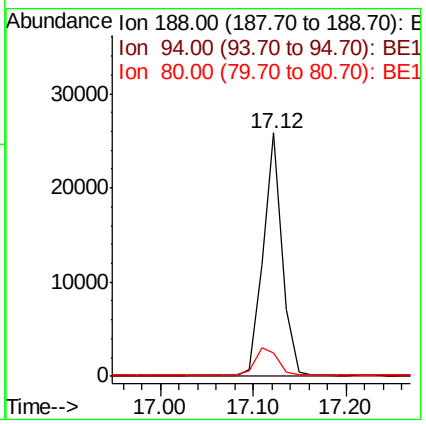


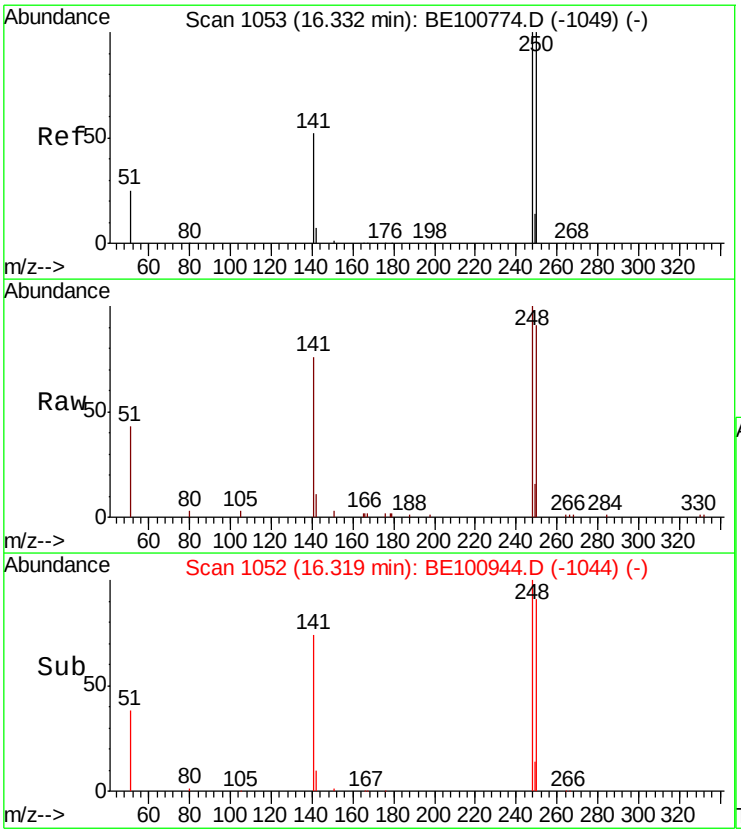
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 36888

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.9	11.9

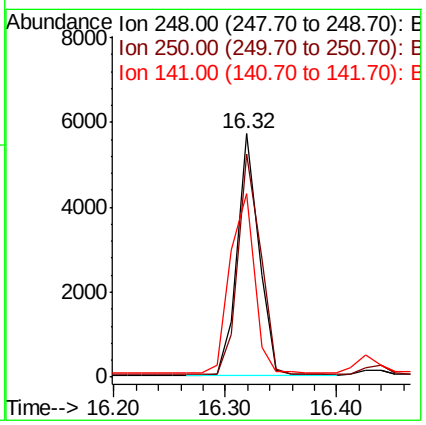


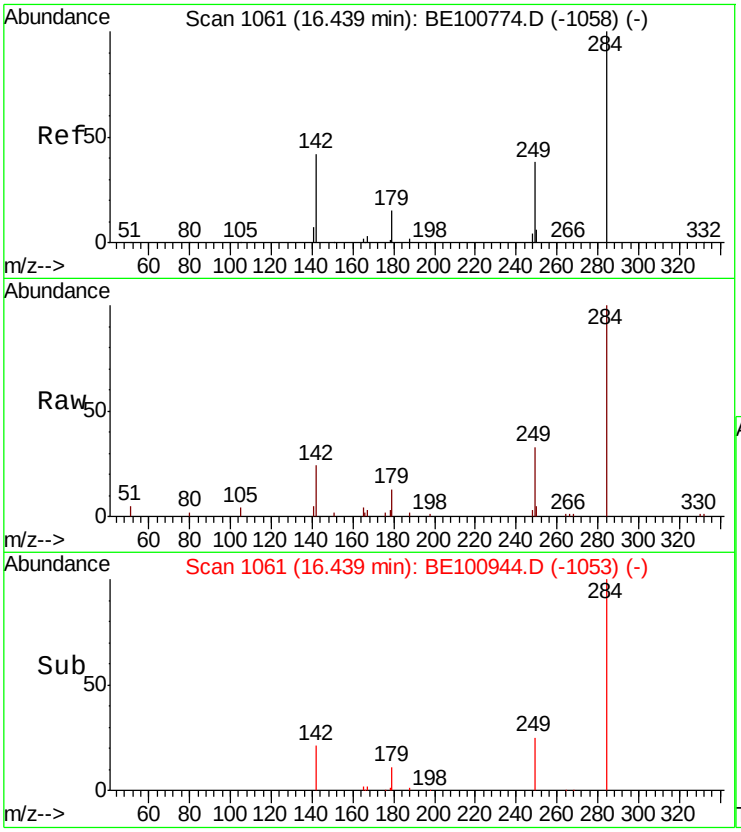


#20
4-Bromophenyl-phenylether
Concen: 0.420 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:248 Resp: 7600

Ion	Ratio	Lower	Upper
248	100		
250	91.5	72.4	108.6
141	75.5	68.2	102.2



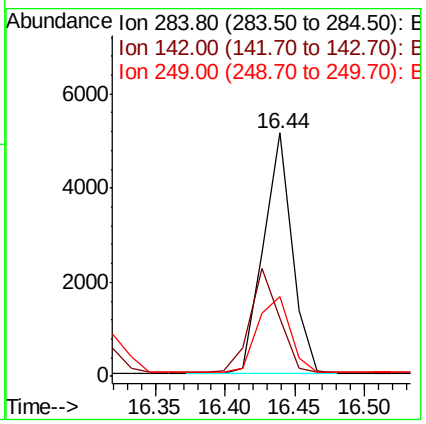


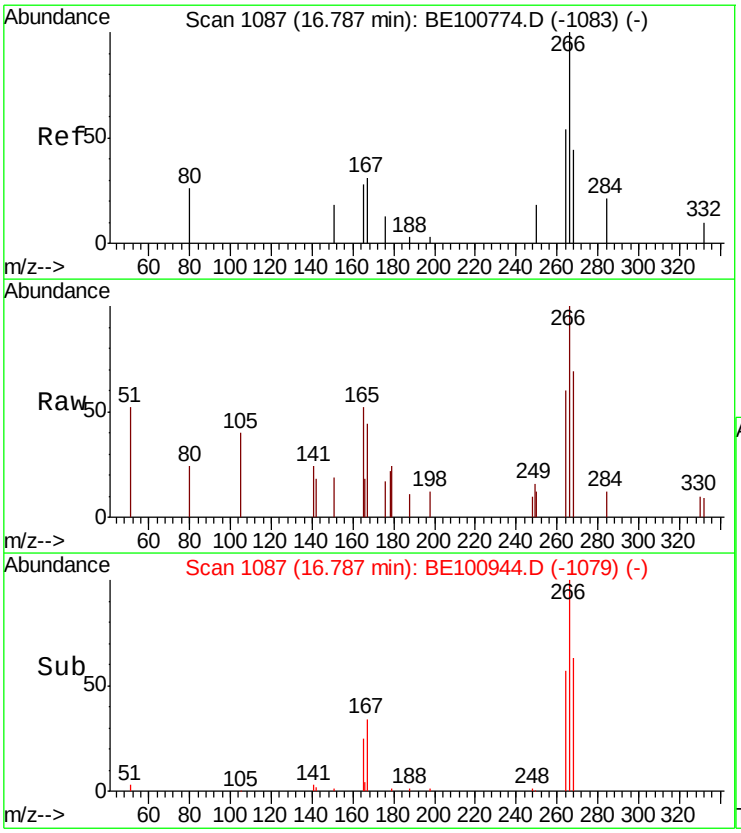
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 7394

Ion	Ratio	Lower	Upper
284	100		
142	43.4	35.0	52.4
249	35.9	28.1	42.1

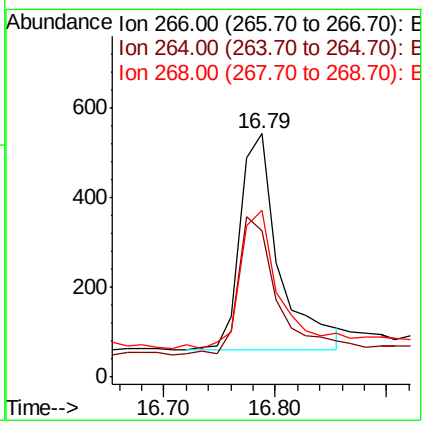


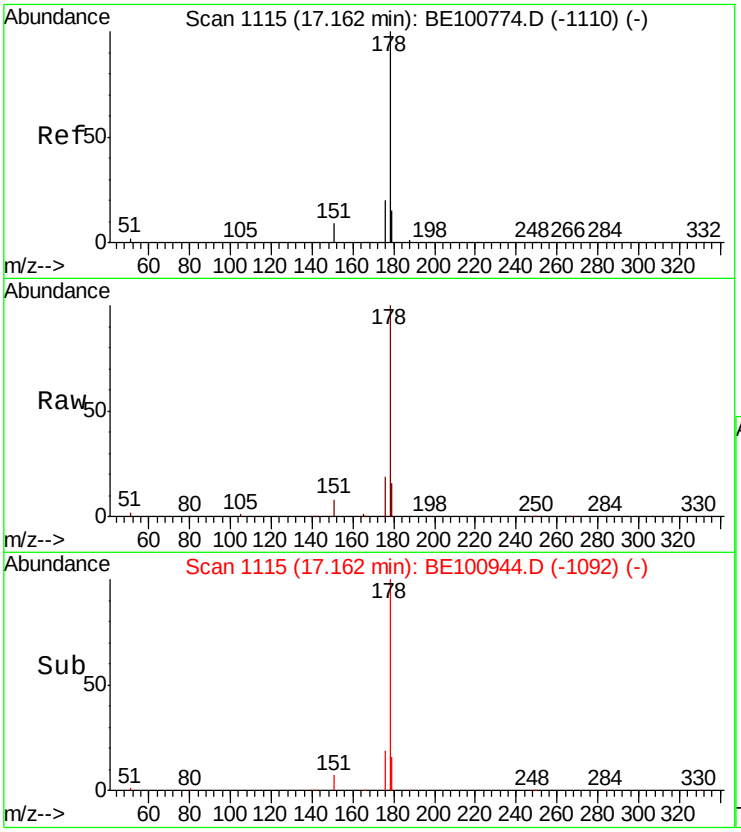


#22
Pentachlorophenol
Concen: 0.865 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:266 Resp: 1176

Ion	Ratio	Lower	Upper
266	100		
264	60.2	55.1	82.7
268	68.7	50.7	76.1



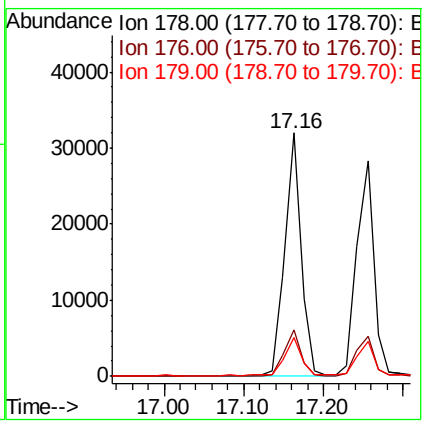


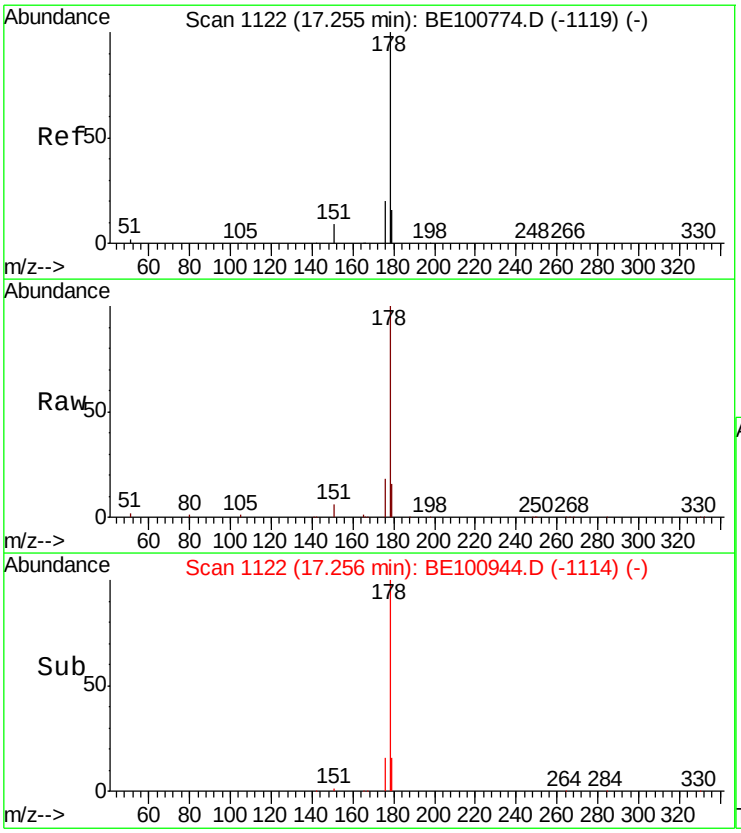
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 45207

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	11.9	17.9

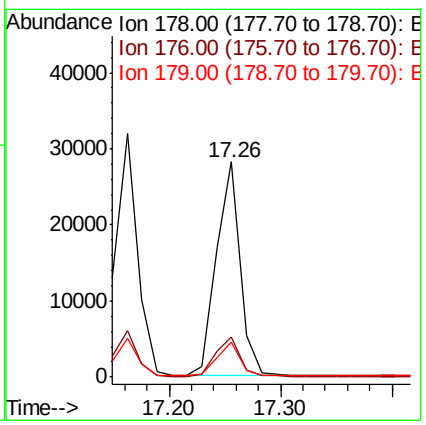


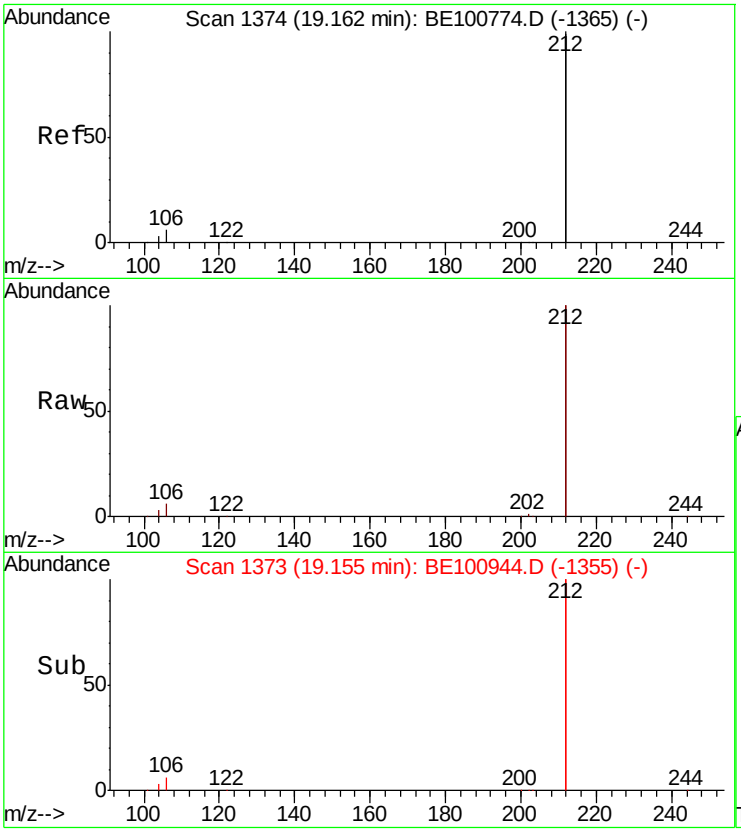


#24
Anthracene
Concen: 0.448 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:178 Resp: 41893

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.6	12.2	18.4



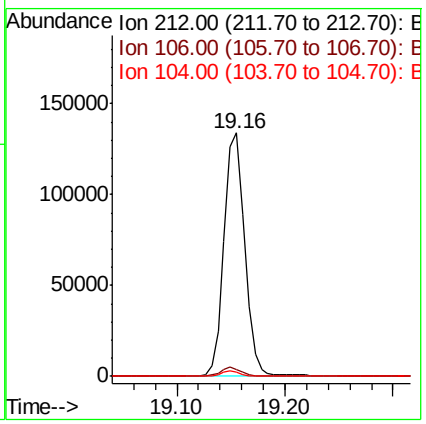


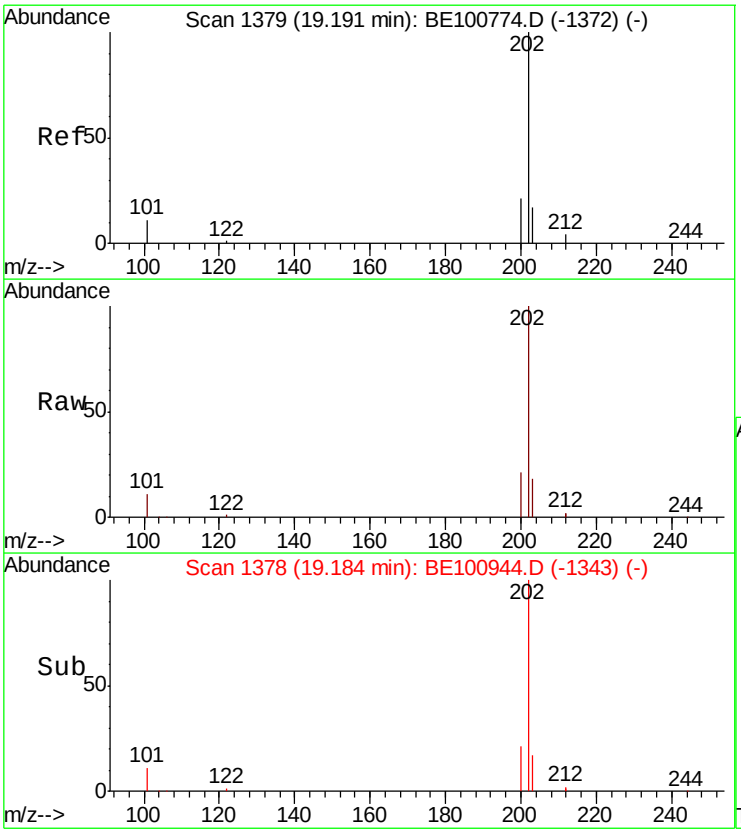
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 176413

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	4.0
104	2.0	1.4	2.2

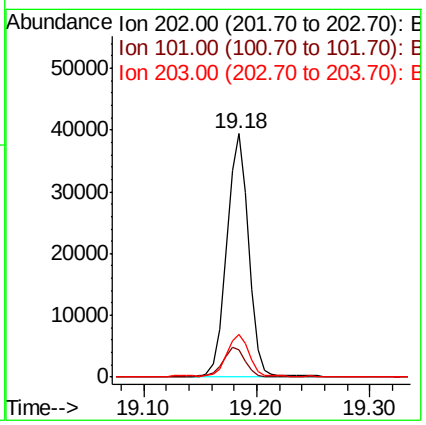


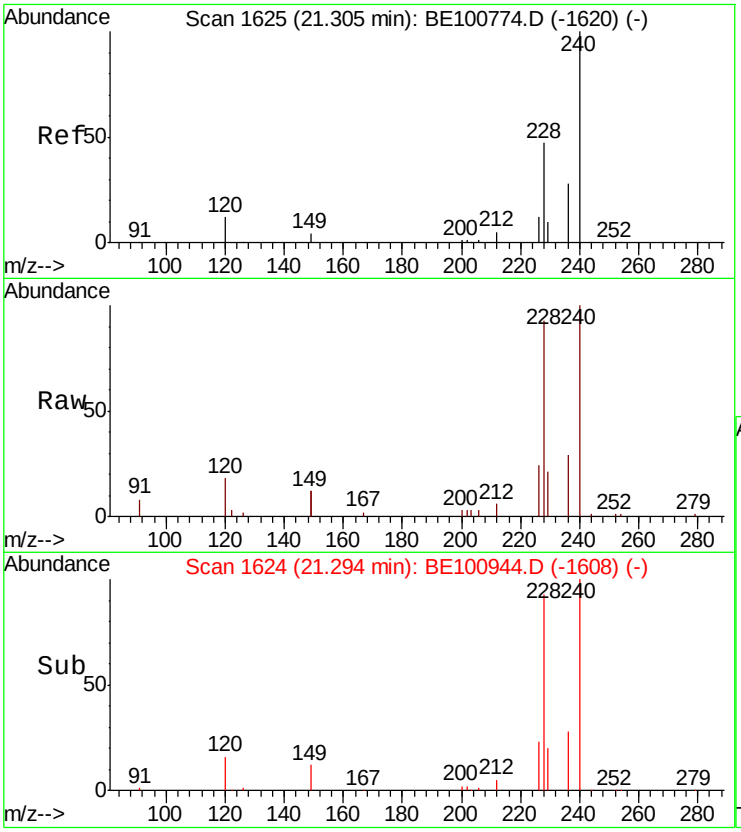


#26
Fluoranthene
Concen: 0.395 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:202 Resp: 52613

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.4	14.0
203	17.3	13.7	20.5



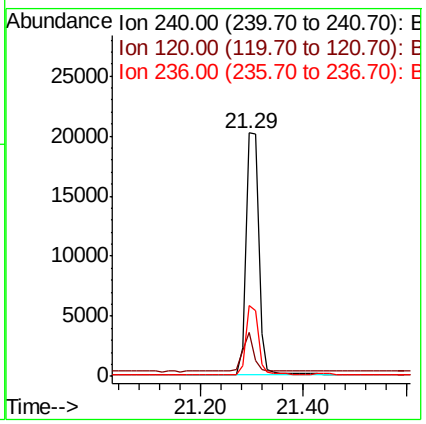


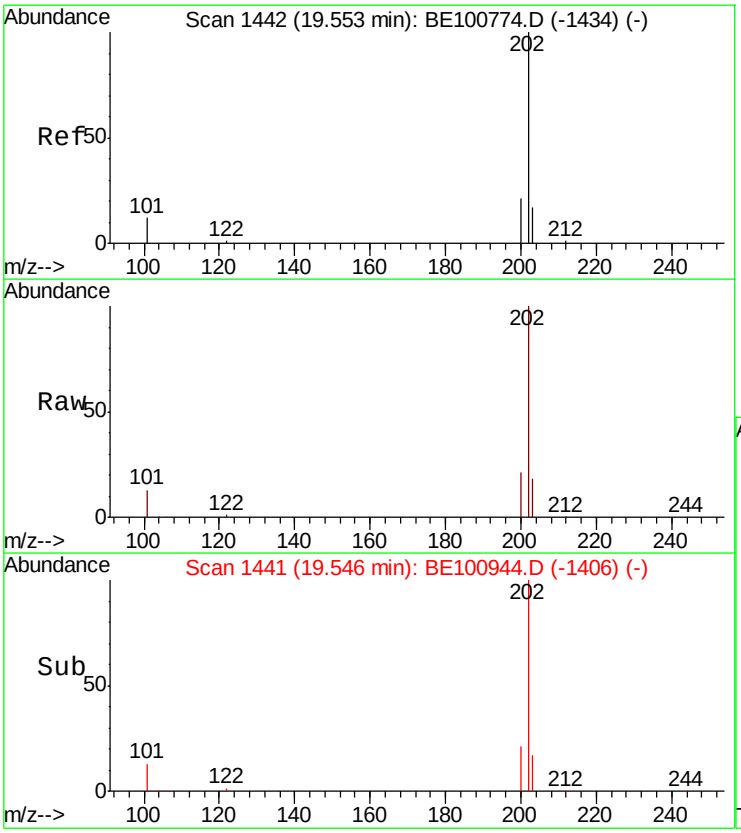
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 34546

Ion	Ratio	Lower	Upper
240	100		
120	18.3	4.0	6.0#
236	29.0	21.6	32.4

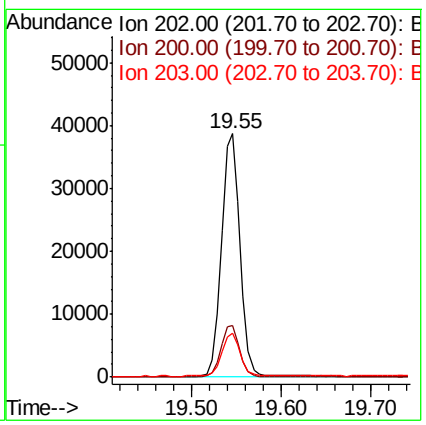


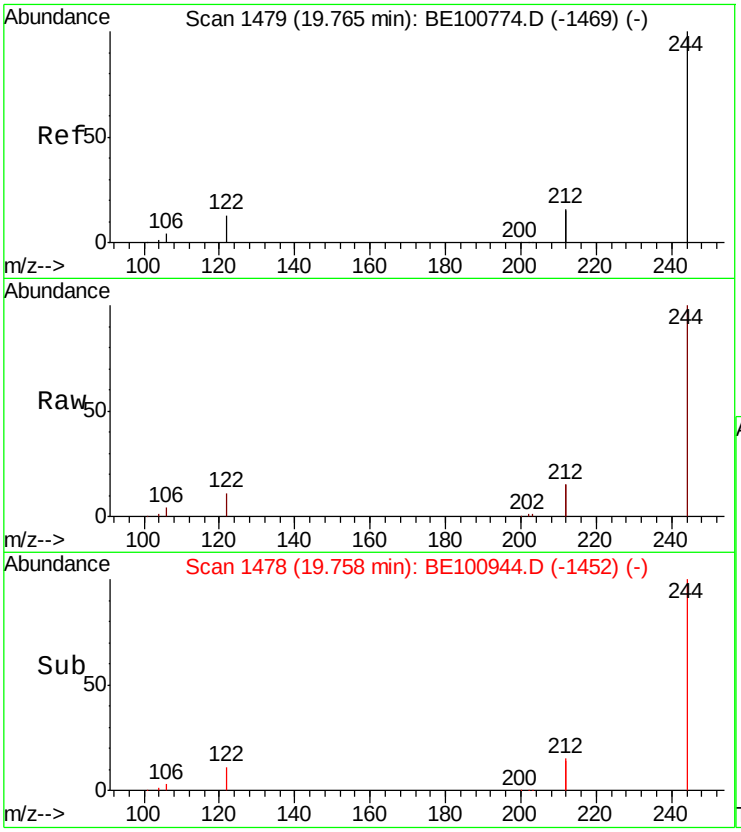


#28
Pyrene
Concen: 0.488 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:202 Resp: 54791

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.7	13.8	20.8



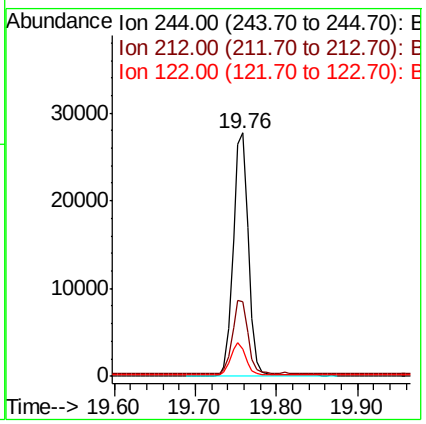


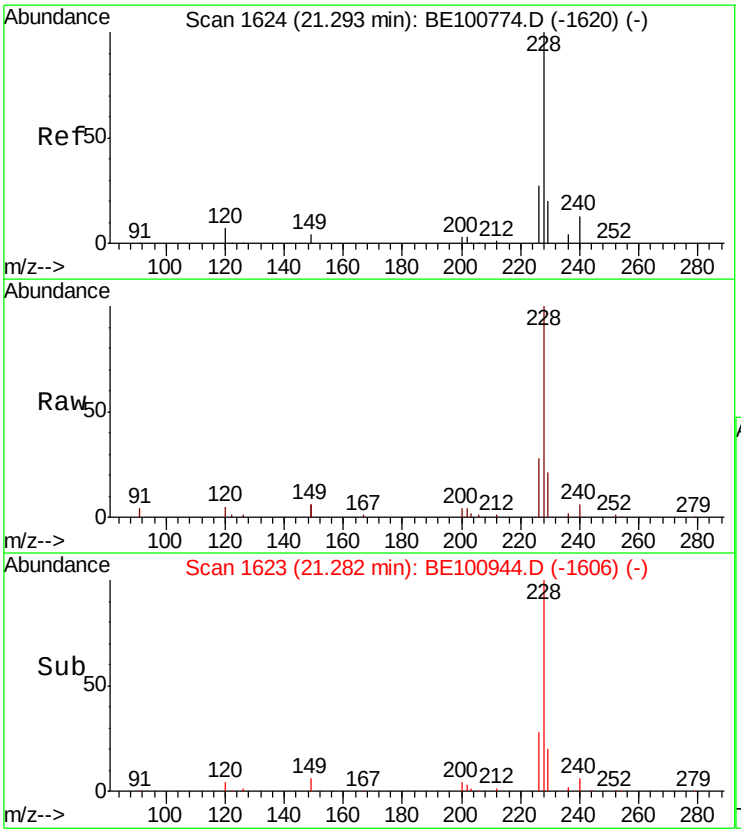
#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 35523

Ion	Ratio	Lower	Upper
244	100		
212	30.7	25.2	37.8
122	11.3	8.9	13.3

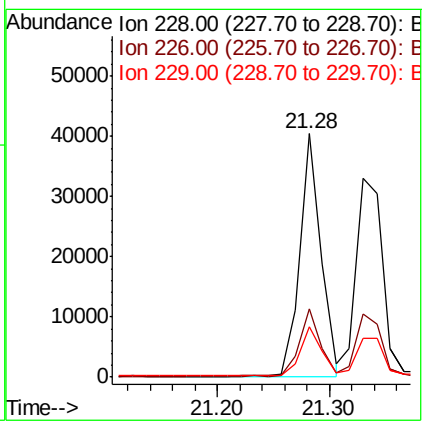


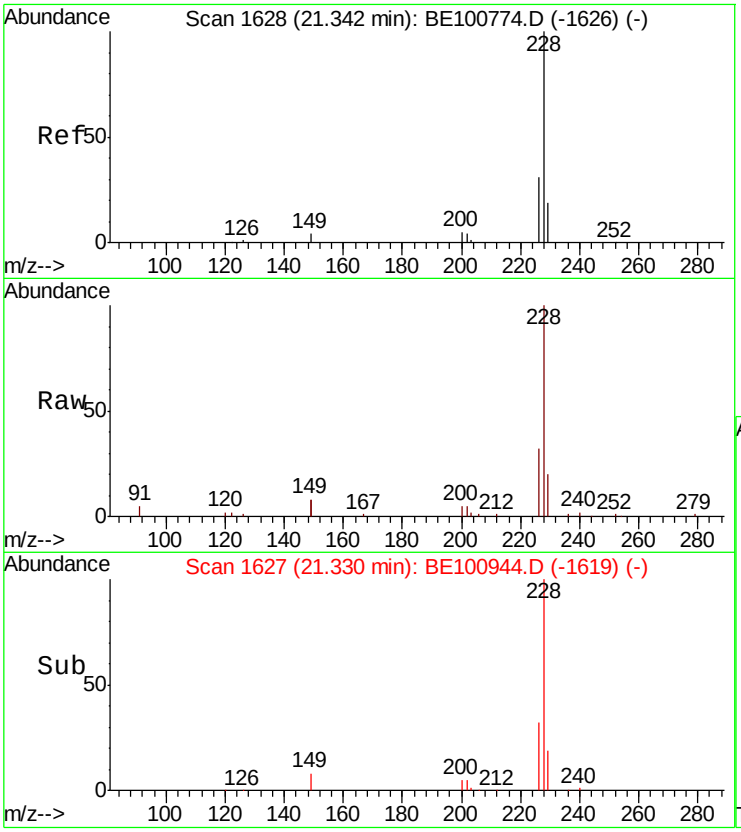


#30
Benzo(a)anthracene
Concen: 0.516 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:228 Resp: 52541

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.0
229	20.5	15.8	23.6



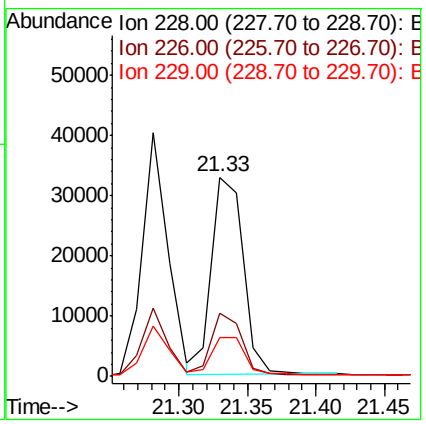


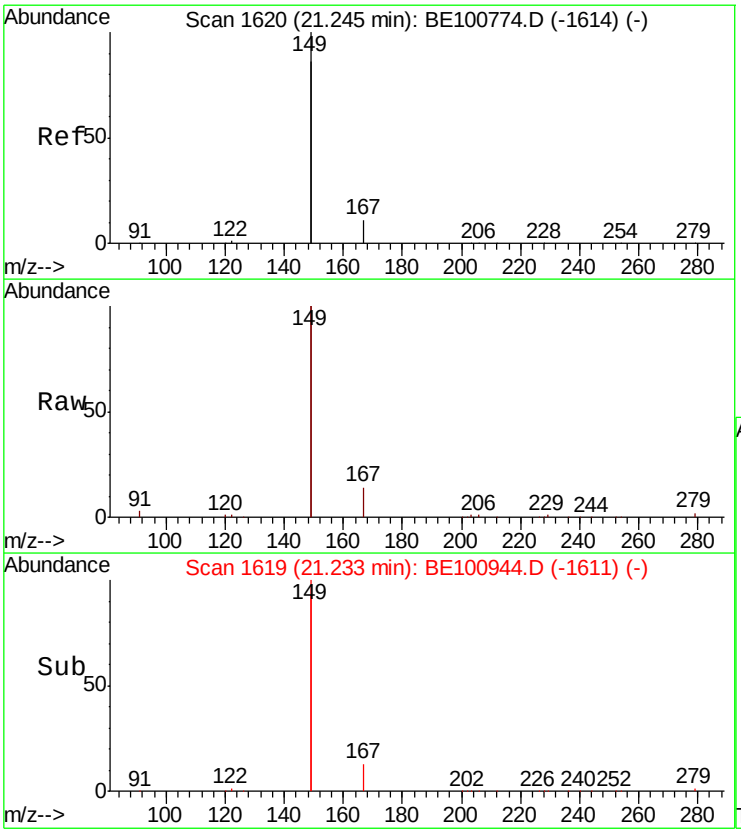
#31
Chrysene
Concen: 0.443 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 52982

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.3	37.9
229	19.6	15.2	22.8

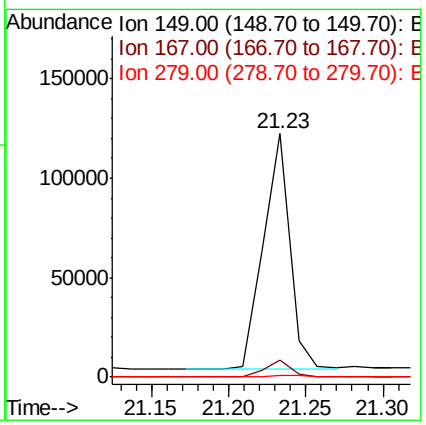


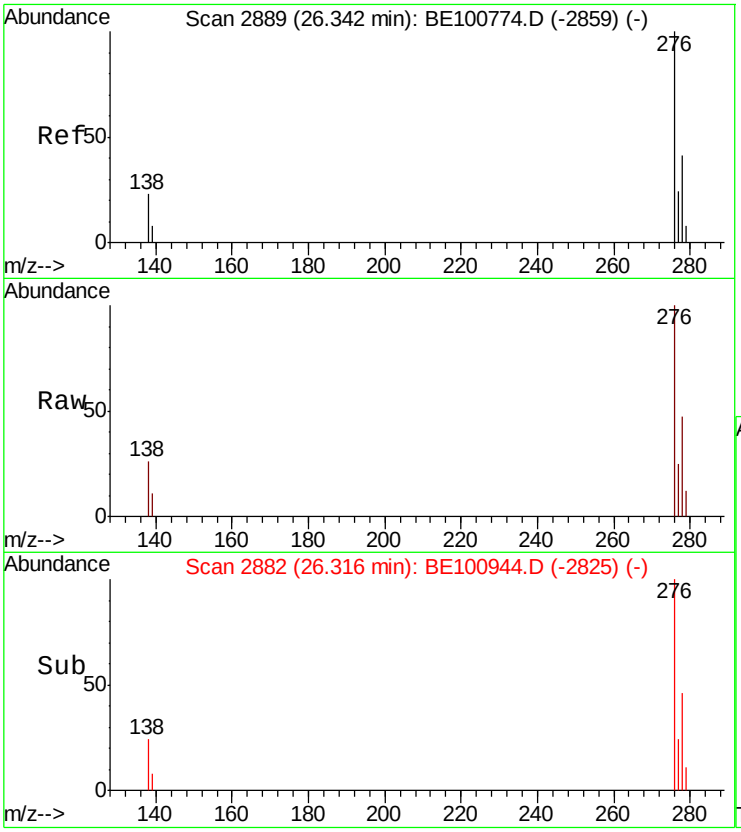


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.574 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:149 Resp: 141485

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.4
279	0.8	0.6	1.0



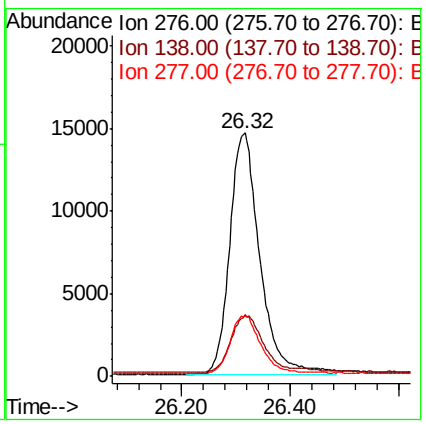


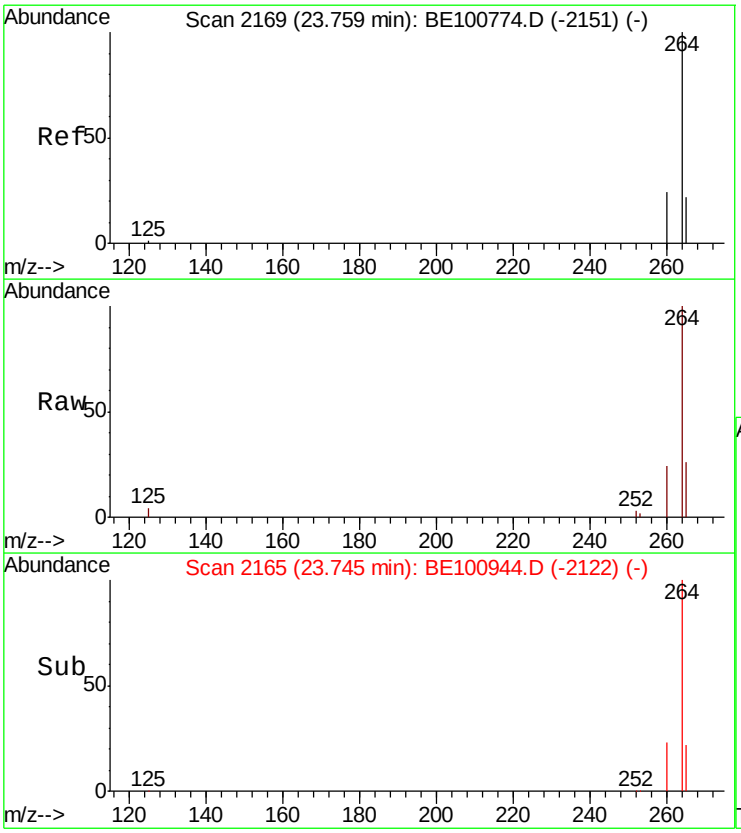
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.543 ng
RT: 26.32 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 56622

Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.4	27.6
277	24.4	19.4	29.2

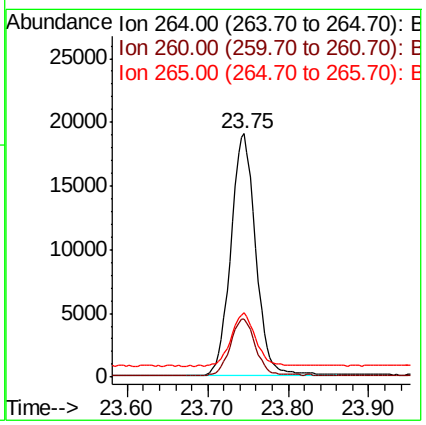


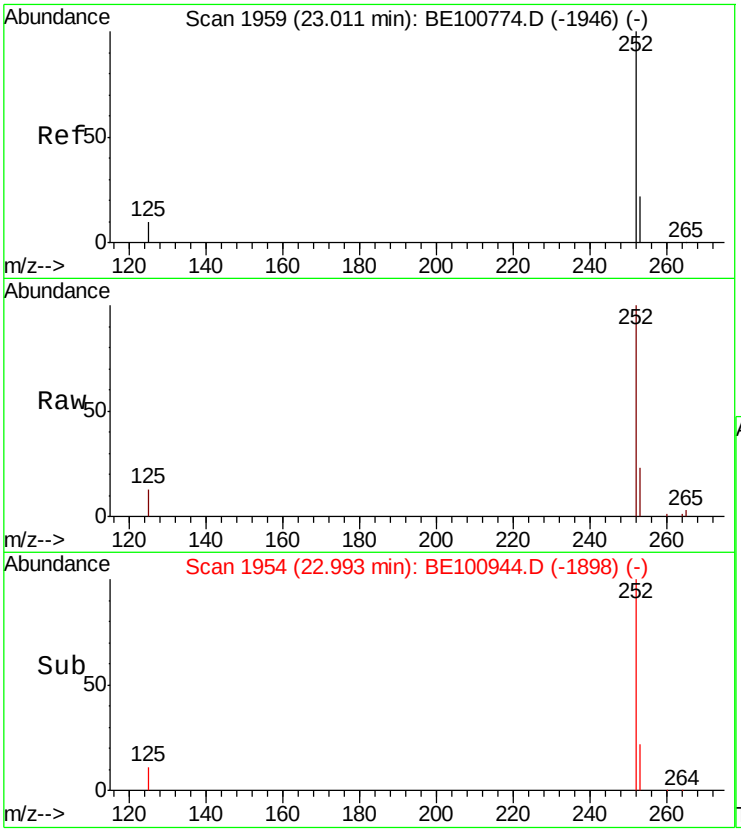


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:264 Resp: 40665

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	26.3	20.1	30.1



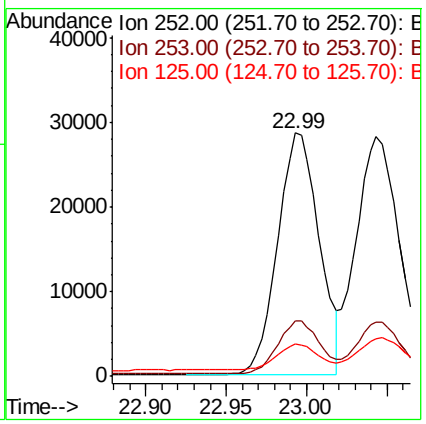


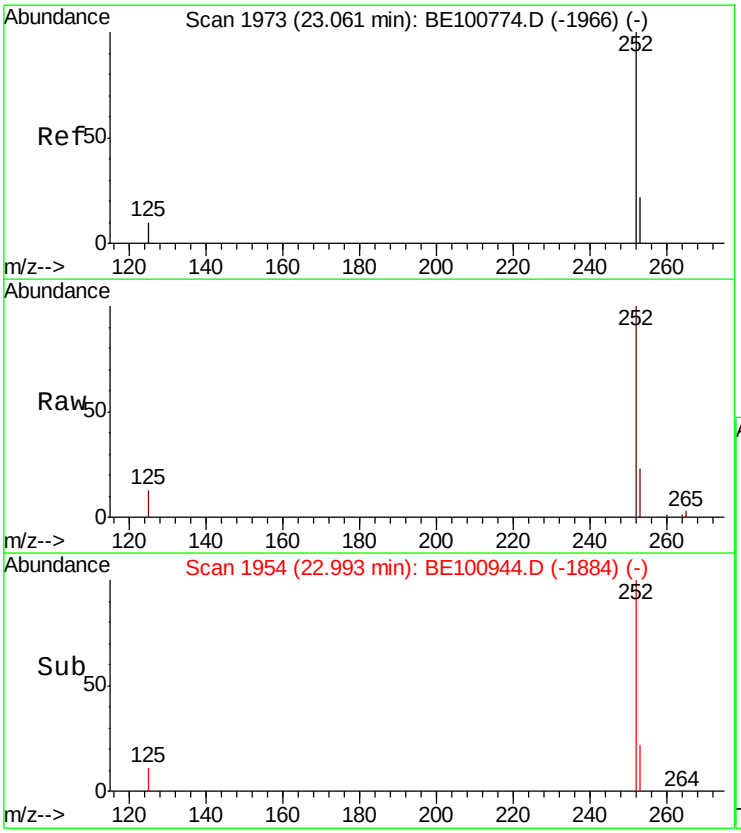
#35
Benzo(b)fluoranthene
Concen: 0.457 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 50914

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.3	8.3	12.5#

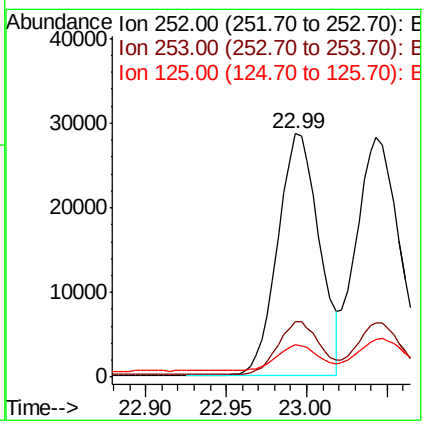


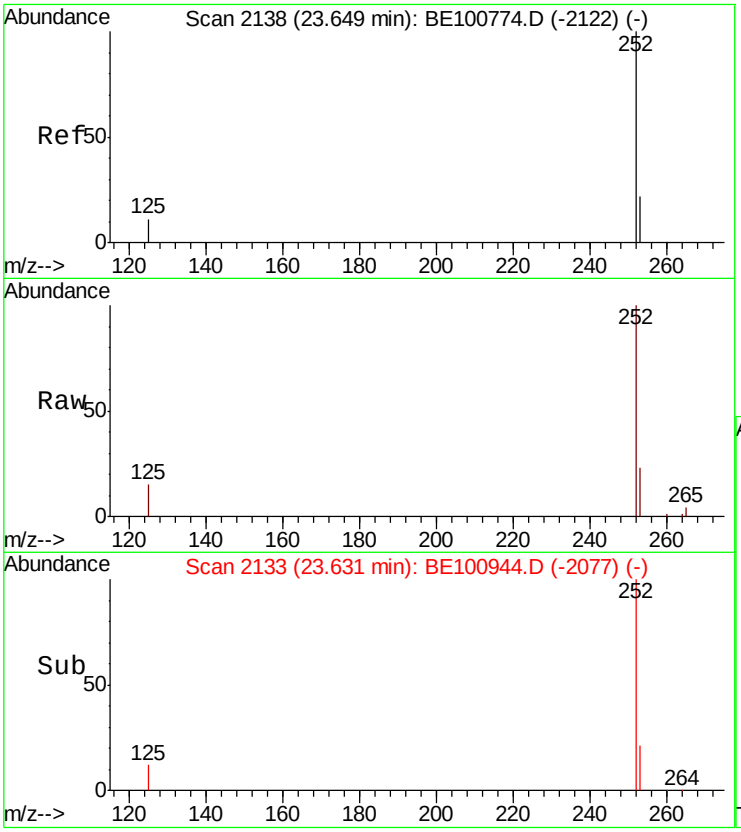


#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.05 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:252 Resp: 50914

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.3	9.4	14.0



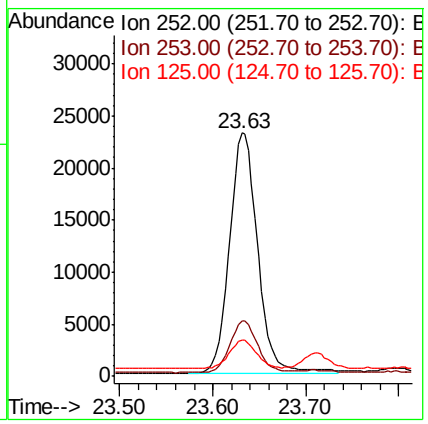


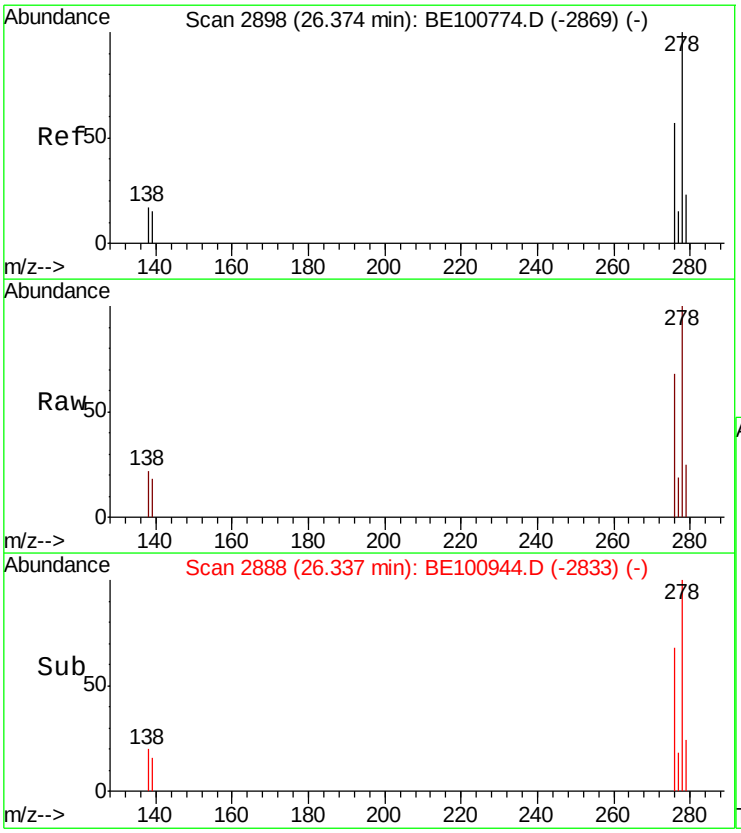
#37
Benzo(a)pyrene
Concen: 0.508 ng
RT: 23.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 48946

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.0	9.9	14.9#

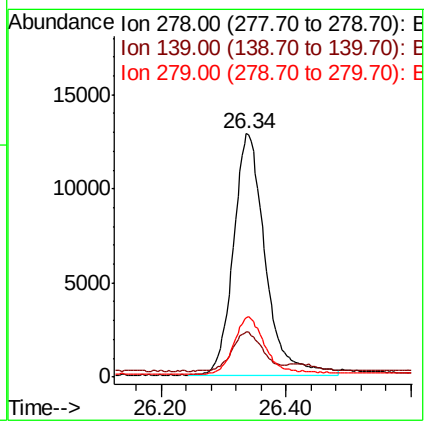


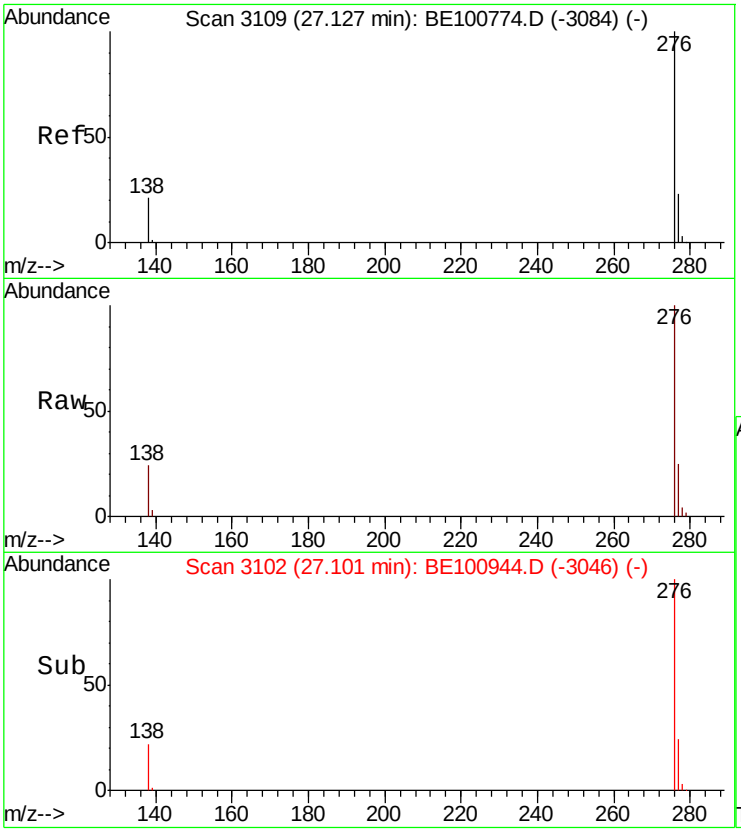


#38
Dibenzo(a,h)anthracene
Concen: 0.473 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Tgt Ion:278 Resp: 45362

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.8	20.6
279	24.6	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.461 ng
RT: 27.10 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BE100944.D
Acq: 17 Dec 2019 8:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 47243

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.7	29.5
138	23.7	18.0	27.0