Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100575.D
Acq On : 27 Sep 2019 16:29
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3264	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	16722	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	10618	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24397	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29224	0.40	ng		0.00
34) Perylene-d12	23.85	264	32813	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	15952	2.09	ng		0.00
5) Phenol-d6	7.02	99	22270	2.13	ng		0.00
8) Nitrobenzene-d5	9.00	82	20292	2.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	43353	1.73	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	5168	3.01	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	61019	1.61	ng		0.00
25) Fluoranthene-d10	19.24	212	523722	1.80	ng		0.00
29) Terphenyl-d14	19.83	244	124052	1.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	8318	1.766	ng		92
3) n-Nitrosodimethylamine	3.65	42	5453	1.974	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	18631	1.761	ng		95
9) Naphthalene	10.69	128	284687	1.642	ng		100
10) Hexachlorobutadiene	10.99	225	8577	1.547	ng		98
12) 2-Methylnaphthalene	12.31	142	49455	1.793	ng		98
16) Acenaphthylene	14.21	152	80606	1.844	ng		100
17) Acenaphthene	14.54	154	51194	1.734	ng		98
18) Fluorene	15.51	166	66408	1.798	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	19157	1.671	ng		95
21) Hexachlorobenzene	16.53	284	15447	1.546	ng		97
22) Pentachlorophenol	16.87	266	6018	2.640	ng		91
23) Phenanthrene	17.25	178	114664	1.687	ng		100
24) Anthracene	17.35	178	106677	1.864	ng		100
26) Fluoranthene	19.27	202	146473	1.787	ng		99
28) Pyrene	19.62	202	149156	1.774	ng		100
30) Benzo(a)anthracene	21.35	228	141831	1.817	ng		99
31) Chrysene	21.40	228	146071	1.642	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	344467	4.095	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	178345	1.804	ng		98
35) Benzo(b)fluoranthene	23.09	252	148521	1.673	ng		98
36) Benzo(k)fluoranthene	23.14	252	162149	1.578	ng	#	94
37) Benzo(a)pyrene	23.74	252	141821	1.712	ng		98
38) Dibenzo(a,h)anthracene	26.50	278	148556	1.722	ng		98
39) Benzo(g,h,i)perylene	27.27	276	146599	1.627	ng		98

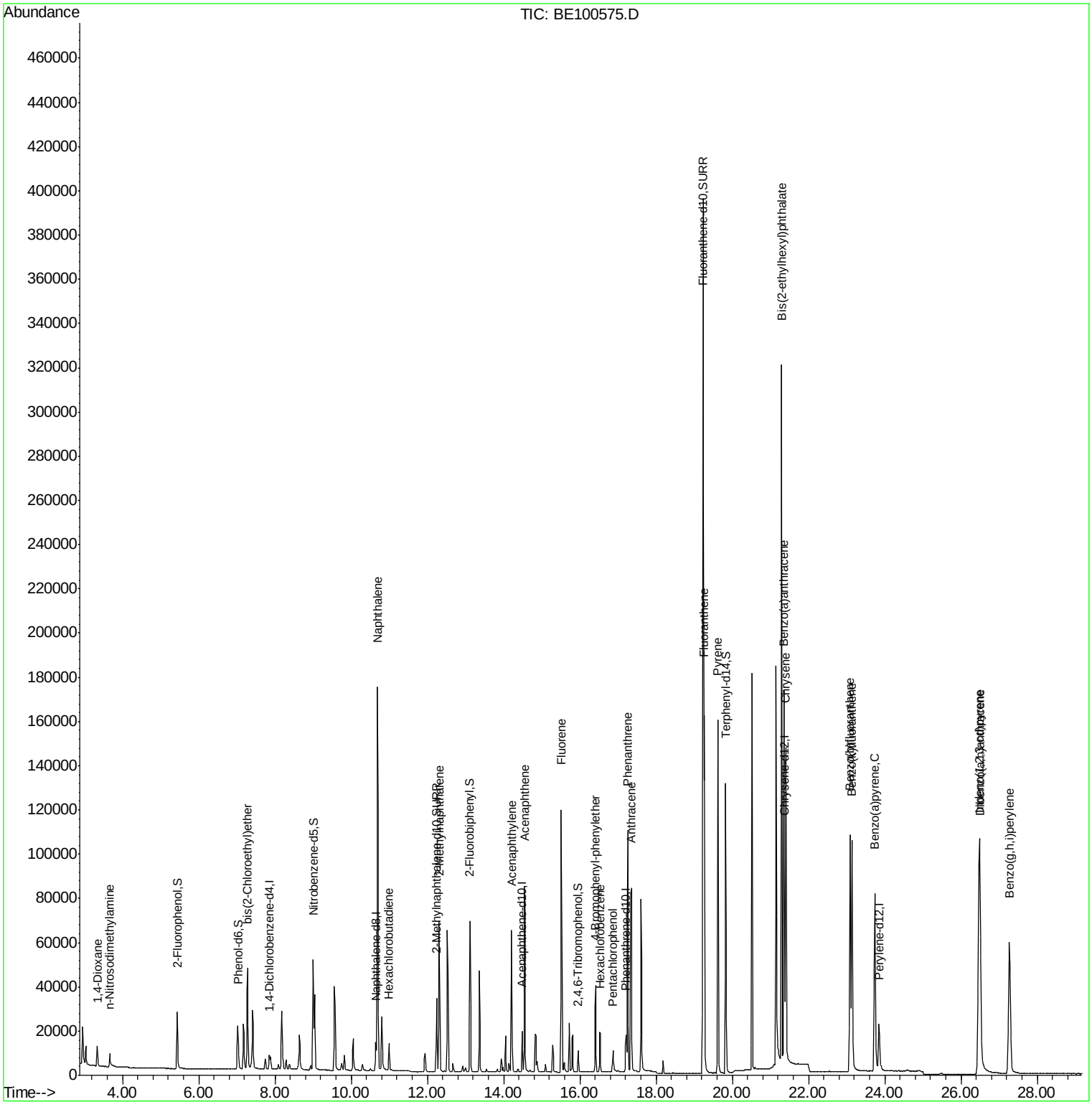
(#) = qualifier out of range (m) = manual integration (+) = signals summed

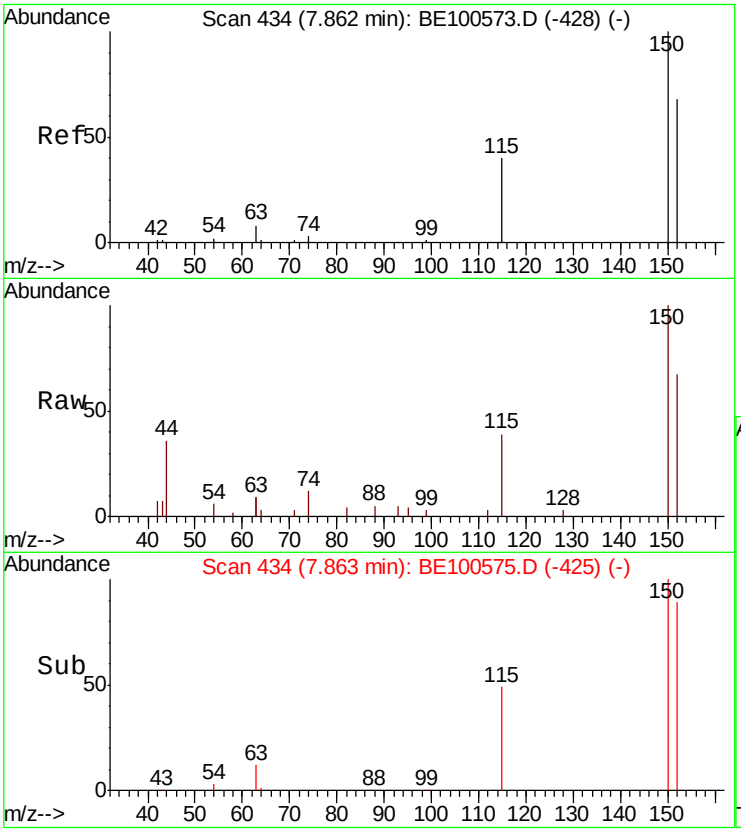
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100575.D
Acq On : 27 Sep 2019 16:29
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration



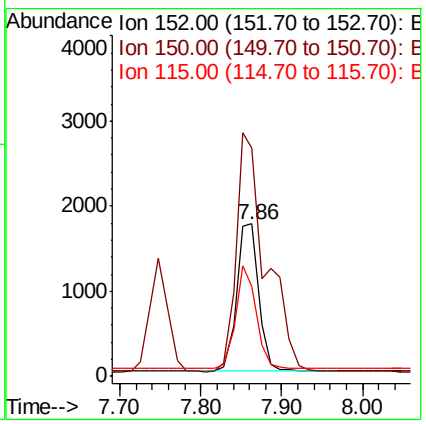


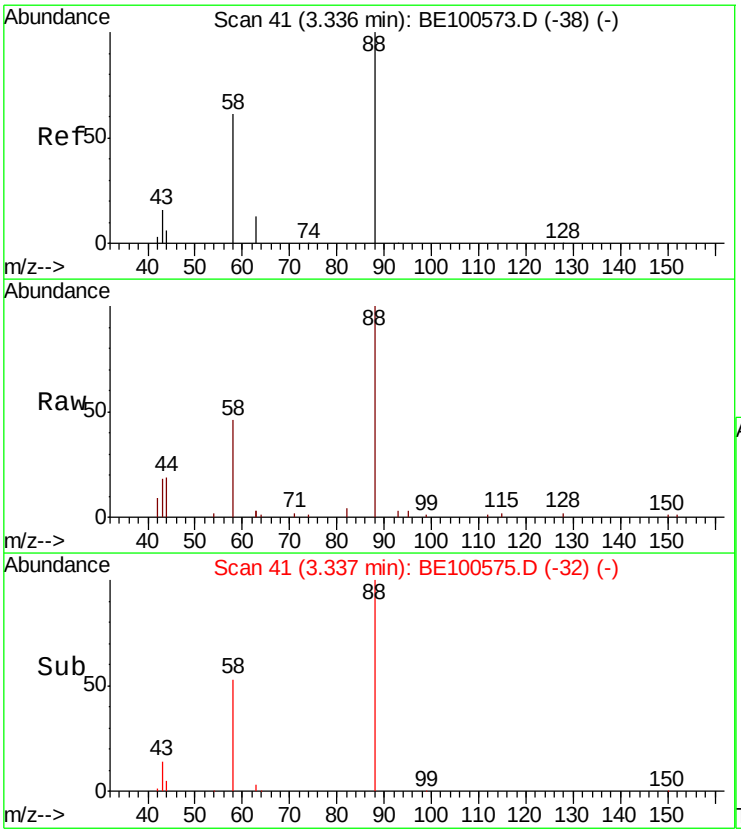
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3264

Ion	Ratio	Lower	Upper
152	100		
150	150.3	116.9	175.3
115	58.9	50.2	75.4

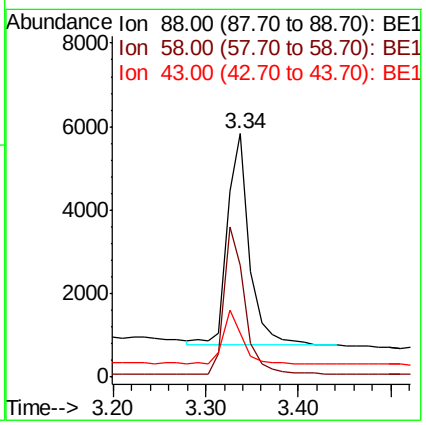


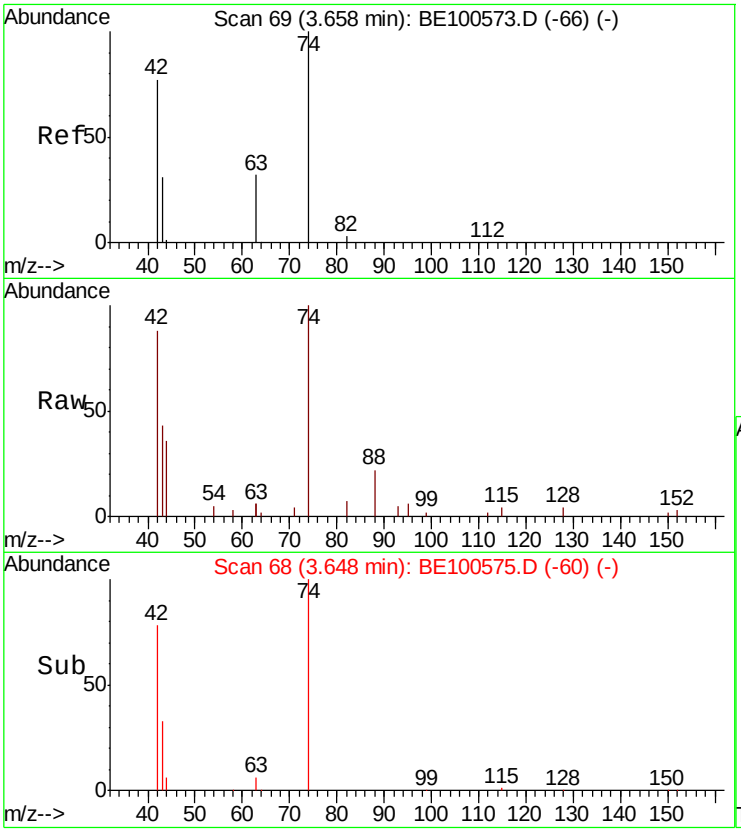


#2
1,4-Dioxane
Concen: 1.766 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion: 88 Resp: 8318

Ion	Ratio	Lower	Upper
88	100		
58	65.6	46.4	69.6
43	22.3	16.7	25.1



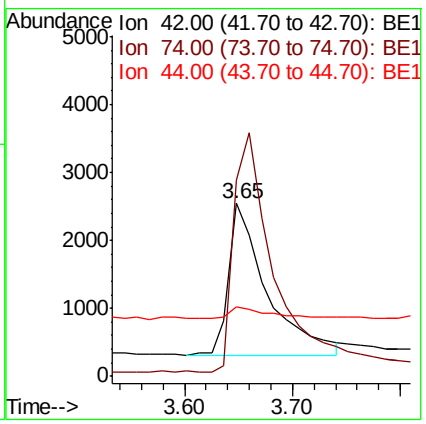


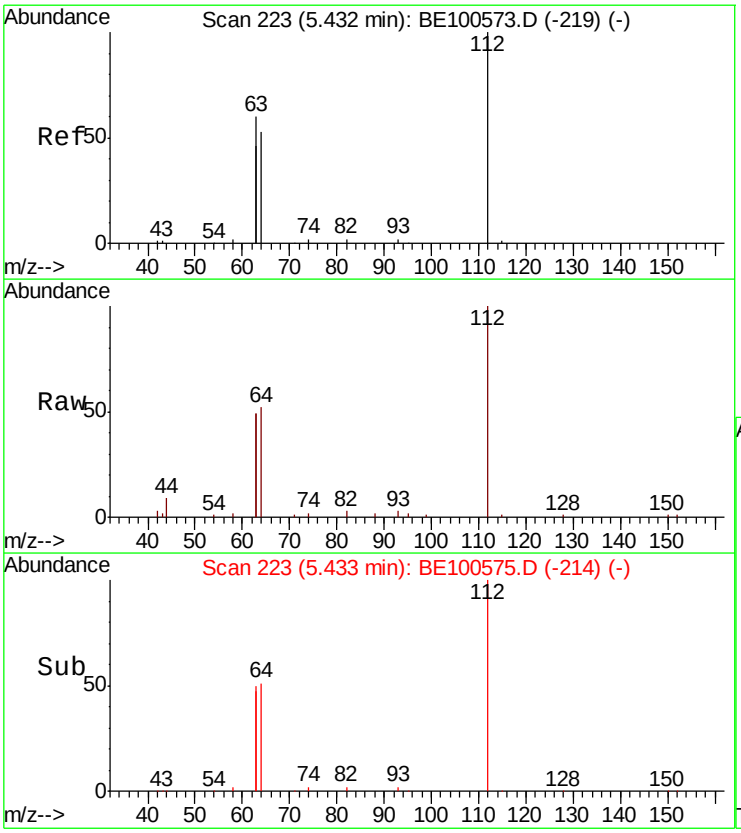
#3
n-Nitrosodimethylamine
Concen: 1.974 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 5453

Ion	Ratio	Lower	Upper
42	100		
74	166.0	0.0	0.0#
44	7.6	0.0	0.0#

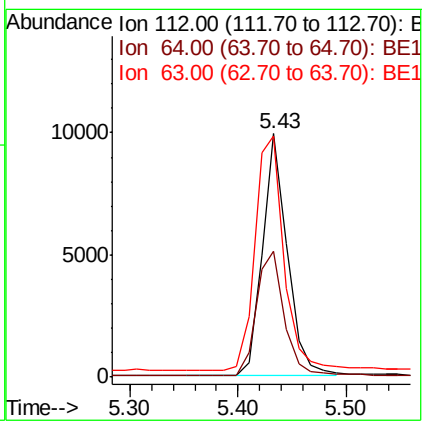


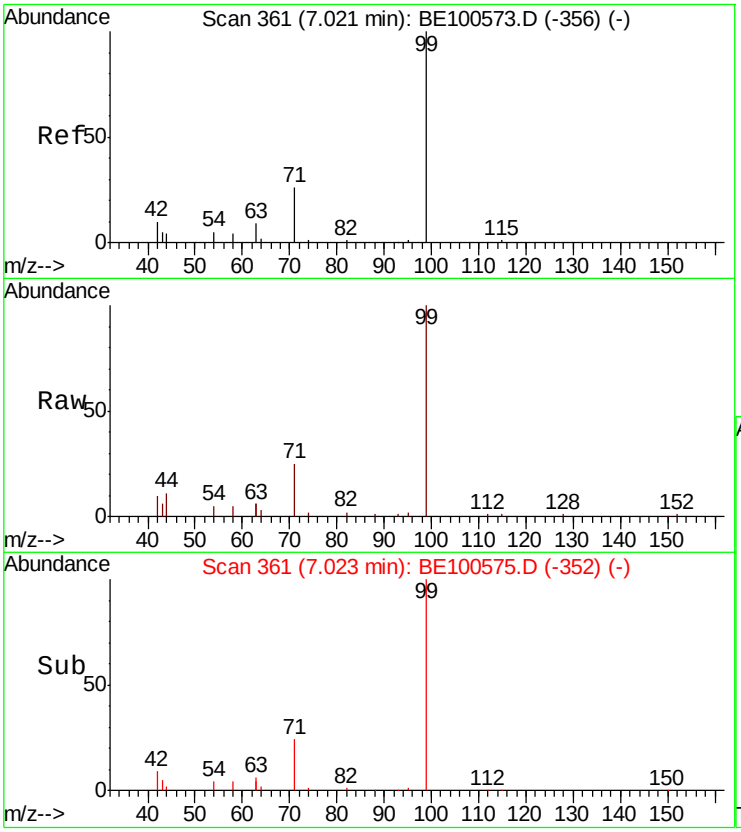


#4
2-Fluorophenol
Concen: 2.088 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:112 Resp: 15952

Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.9	67.3
63	111.0	90.1	135.1



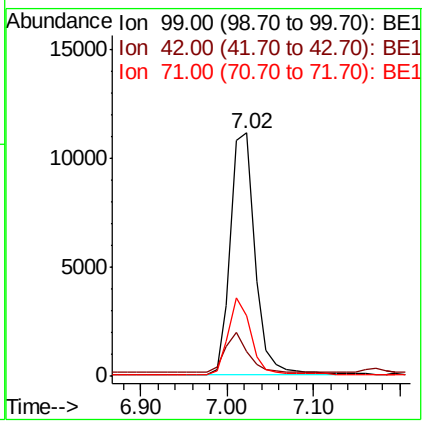


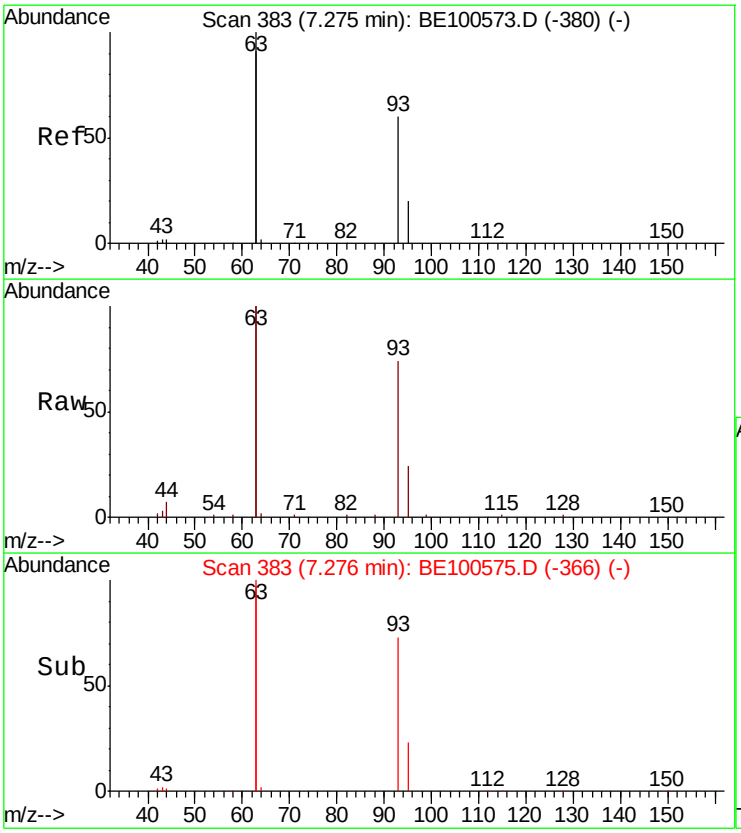
#5
Phenol-d6
Concen: 2.129 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 22270

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.7	17.5
71	29.2	23.6	35.4

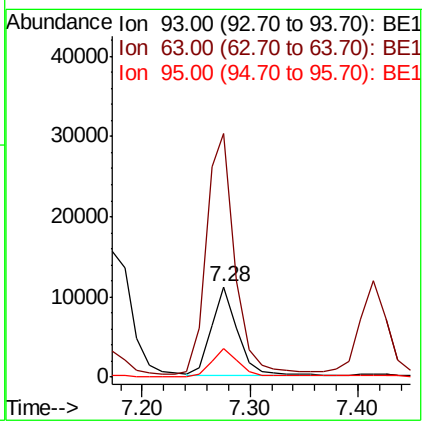


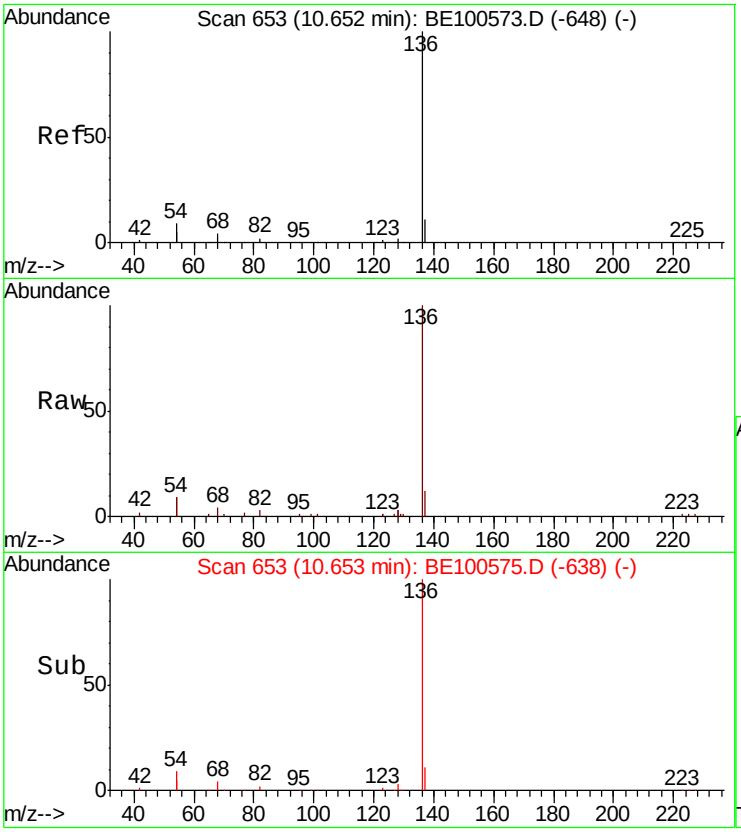


#6
bis(2-Chloroethyl)ether
Concen: 1.761 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion: 93 Resp: 18631

Ion	Ratio	Lower	Upper
93	100		
63	294.9	228.3	342.5
95	32.0	24.2	36.4



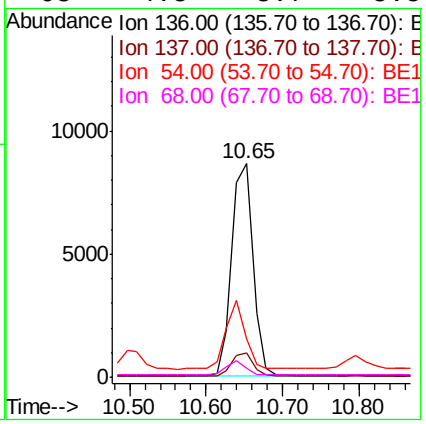


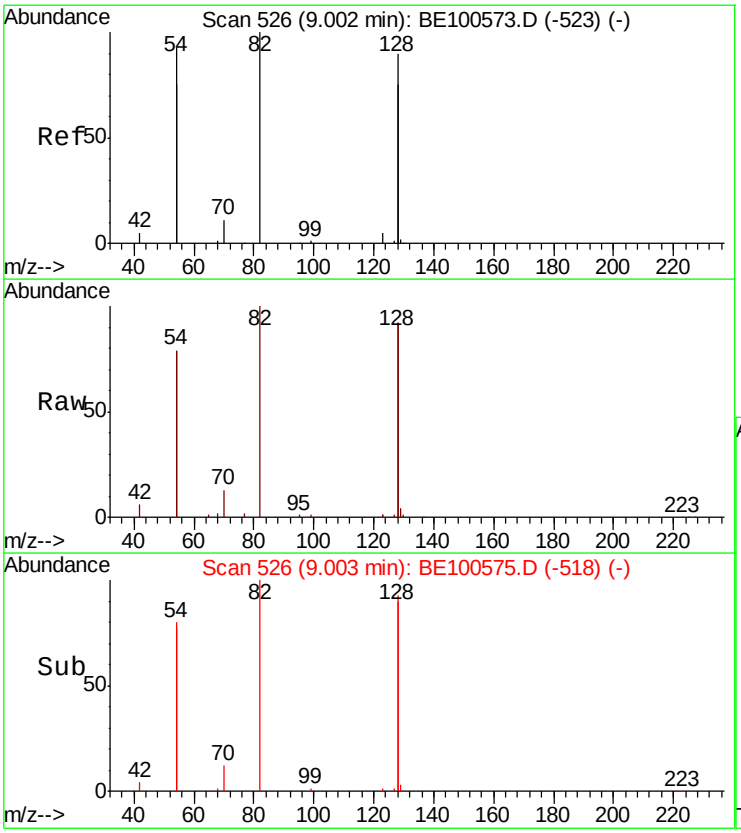
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16722

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	17.7	15.0	22.6
68	4.5	3.7	5.5

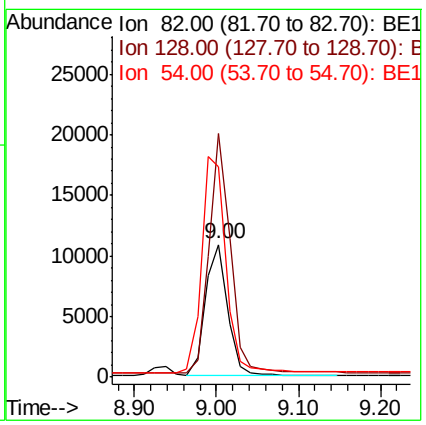


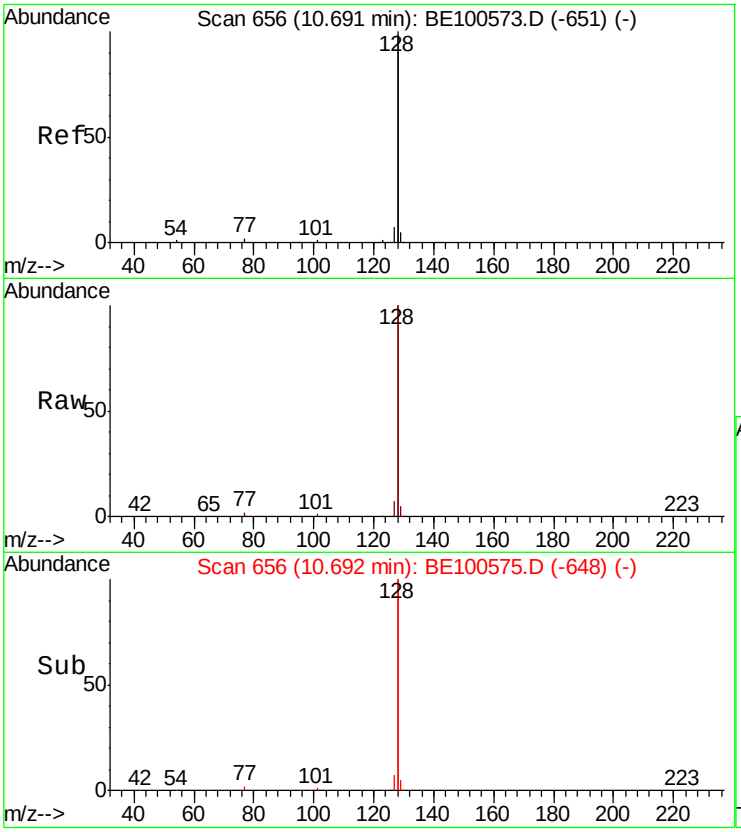


#8
Nitrobenzene-d5
Concen: 2.105 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion: 82 Resp: 20292

Ion	Ratio	Lower	Upper
82	100		
128	183.6	137.9	206.9
54	158.8	143.0	214.6



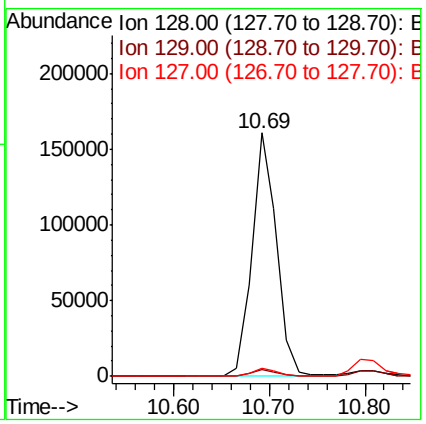


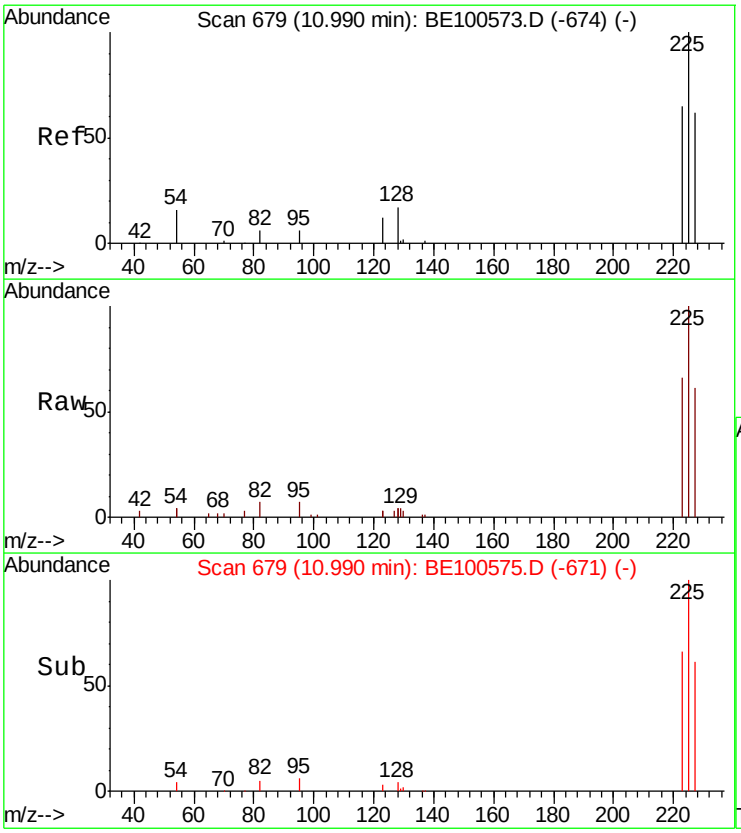
#9
Naphthalene
Concen: 1.642 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 284687

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.3	2.8	4.2

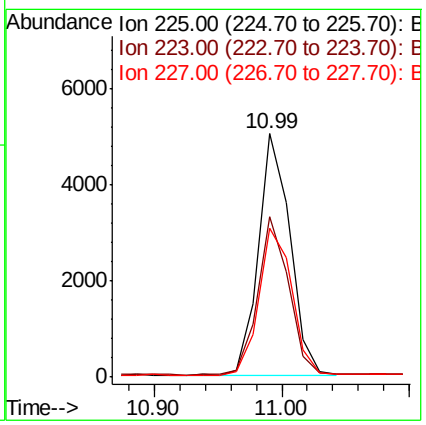


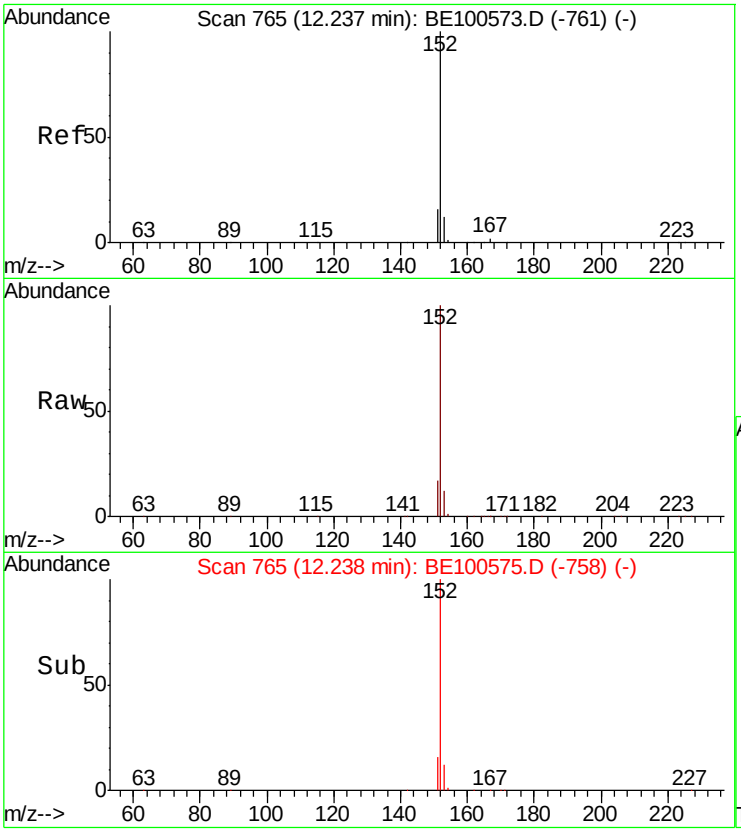


#10
Hexachlorobutadiene
Concen: 1.547 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:225 Resp: 8577

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	63.4	50.3	75.5



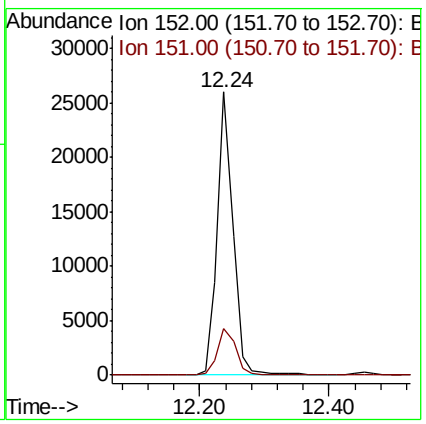


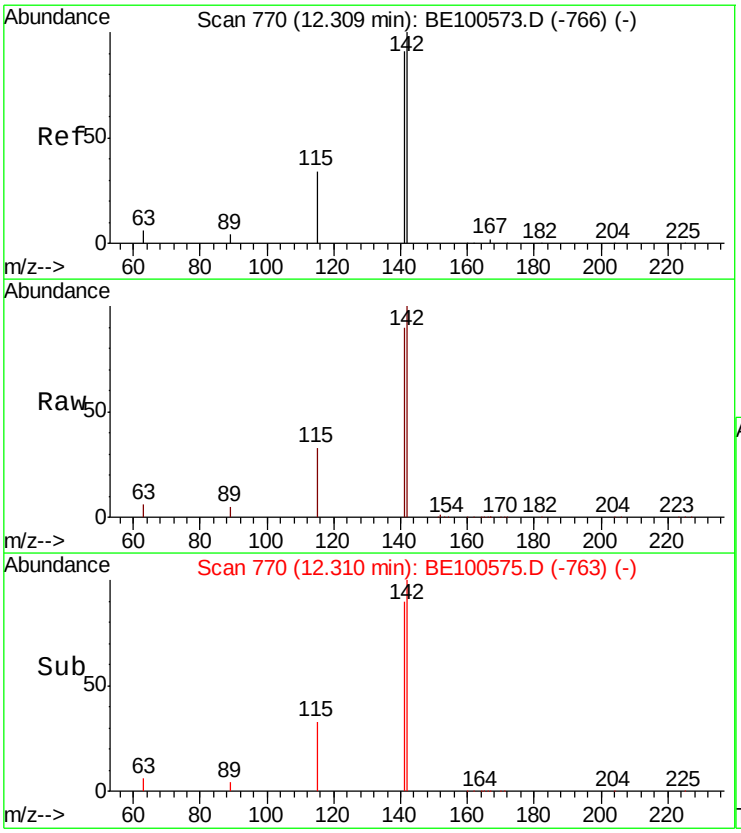
#11
2-Methylnaphthalene-d10
Concen: 1.734 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 43353

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

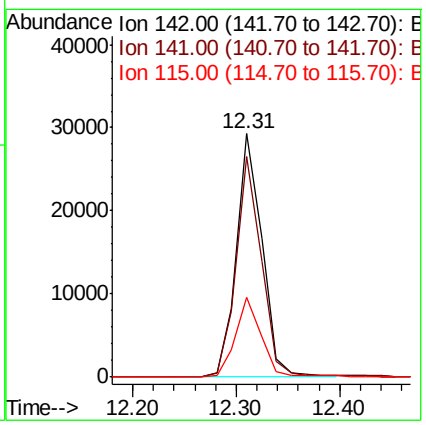


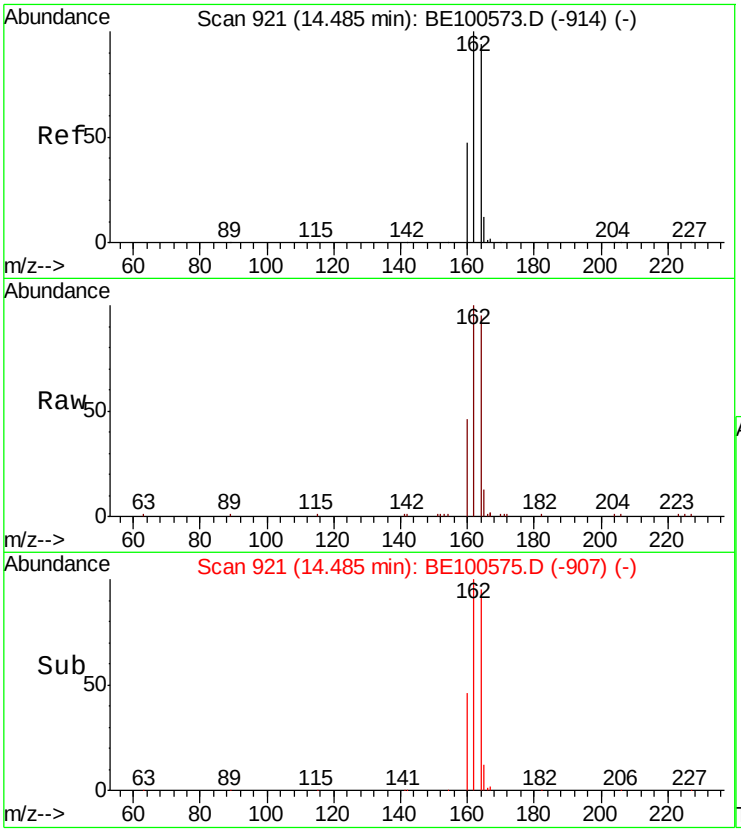


#12
2-Methylnaphthalene
Concen: 1.793 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:142 Resp: 49455

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	33.0	28.2	42.2



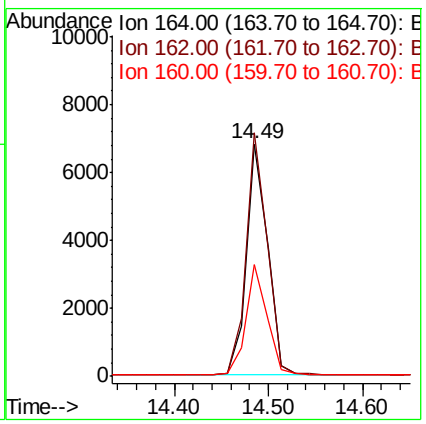


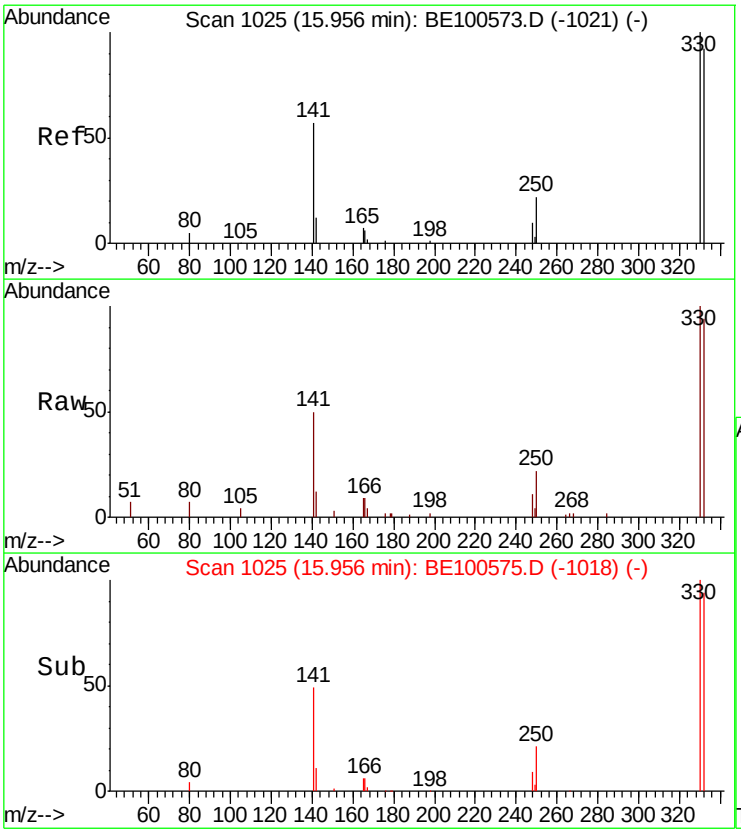
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10618

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.0	127.4
160	48.4	40.2	60.4

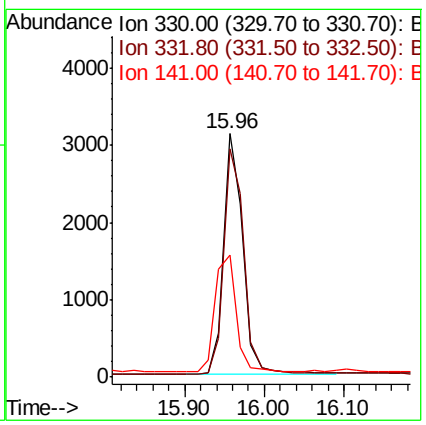


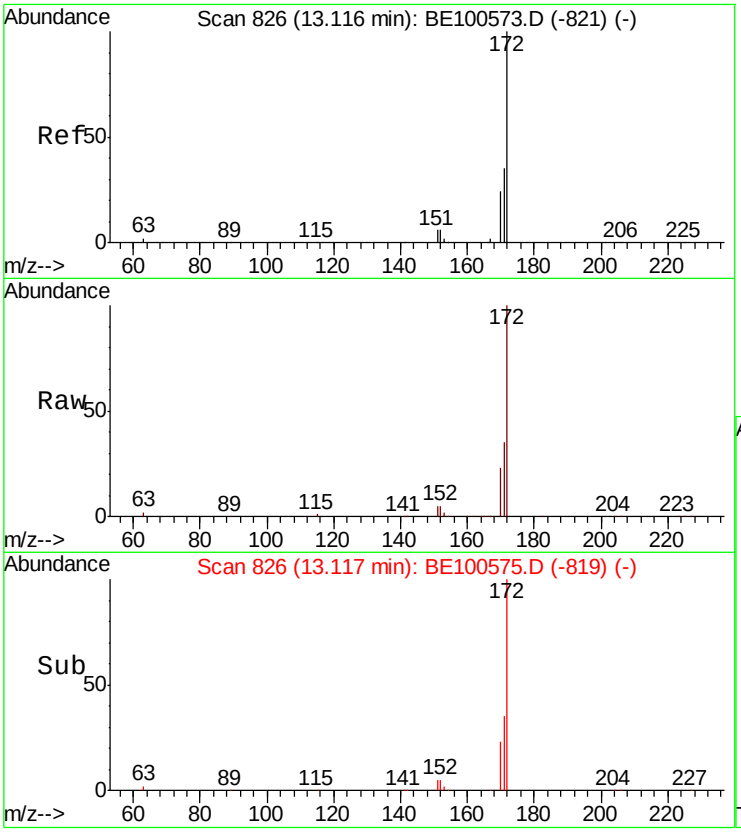


#14
2,4,6-Tribromophenol
Concen: 3.010 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:330 Resp: 5168

Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.1	117.1
141	53.6	42.1	63.1



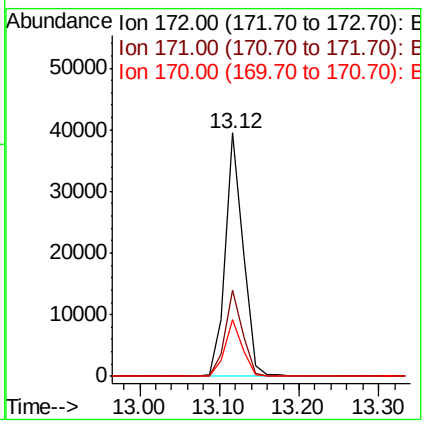


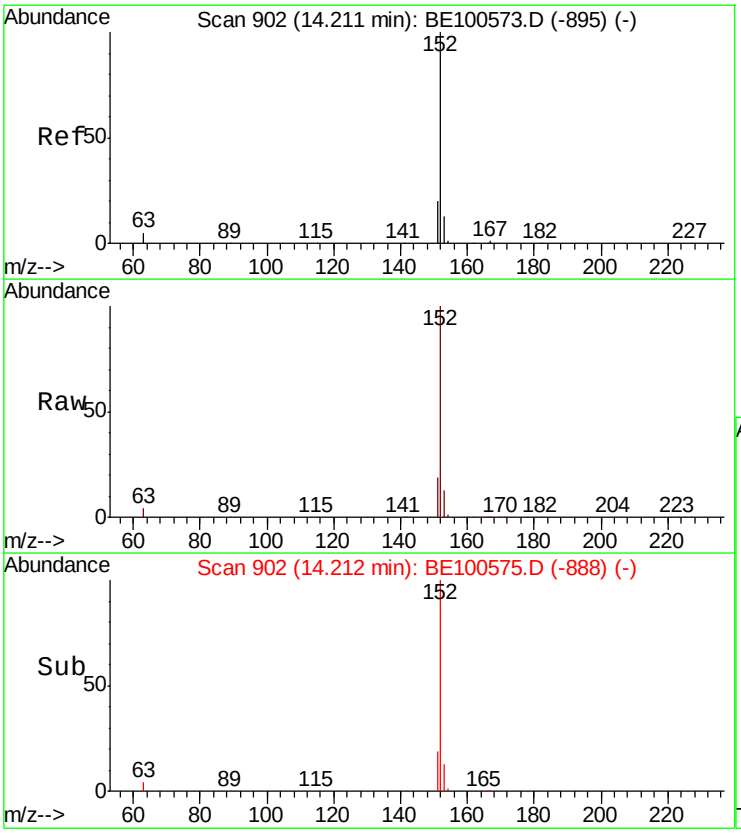
#15
2-Fluorobiphenyl
Concen: 1.610 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 61019

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.3	19.2	28.8

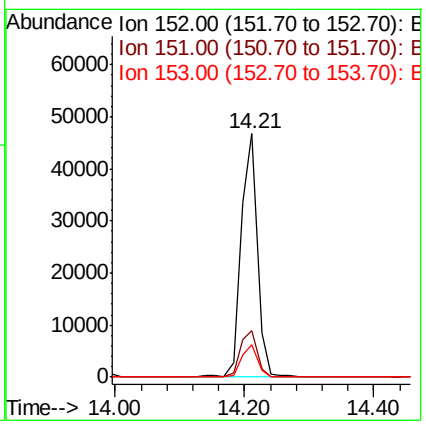


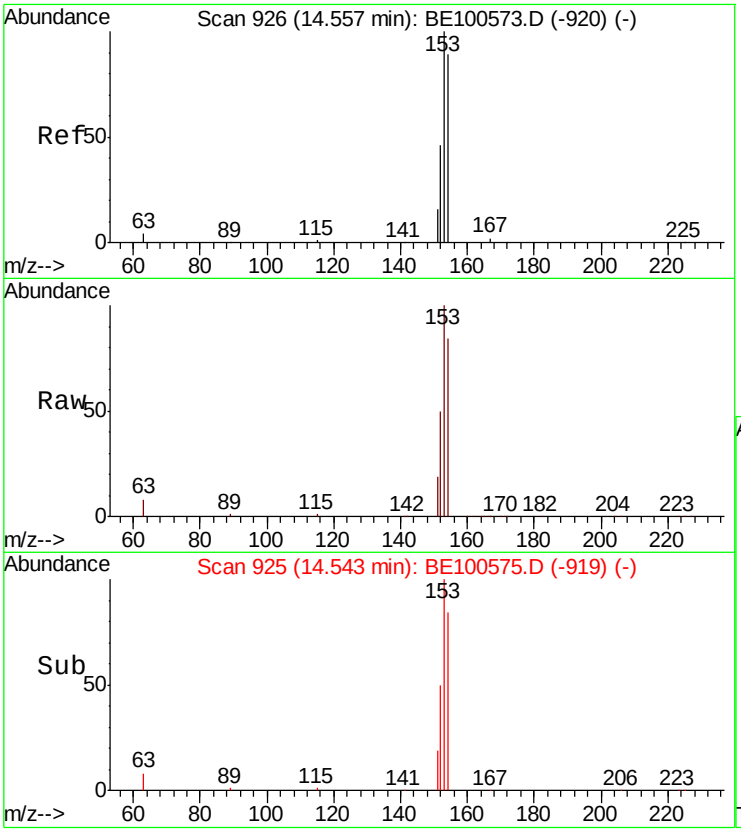


#16
Acenaphthylene
Concen: 1.844 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:152 Resp: 80606

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.6	16.0



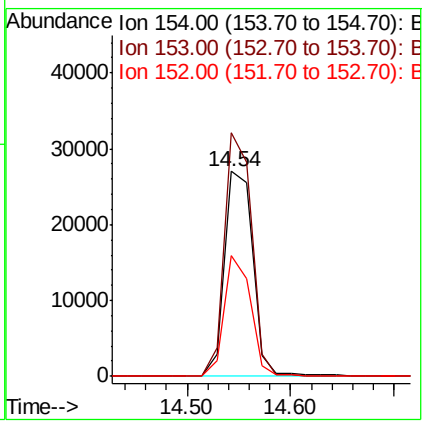


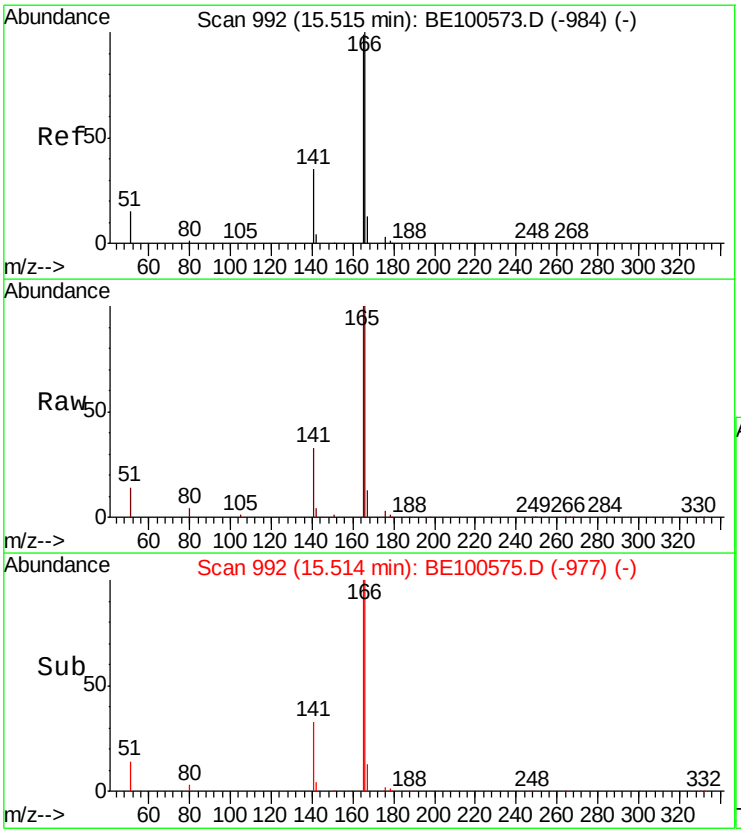
#17
Acenaphthene
Concen: 1.734 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 51194

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.7	139.1
152	54.9	45.6	68.4

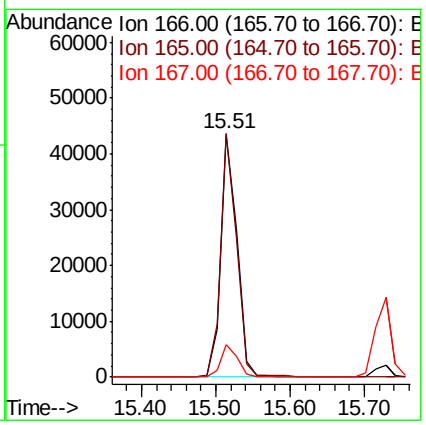


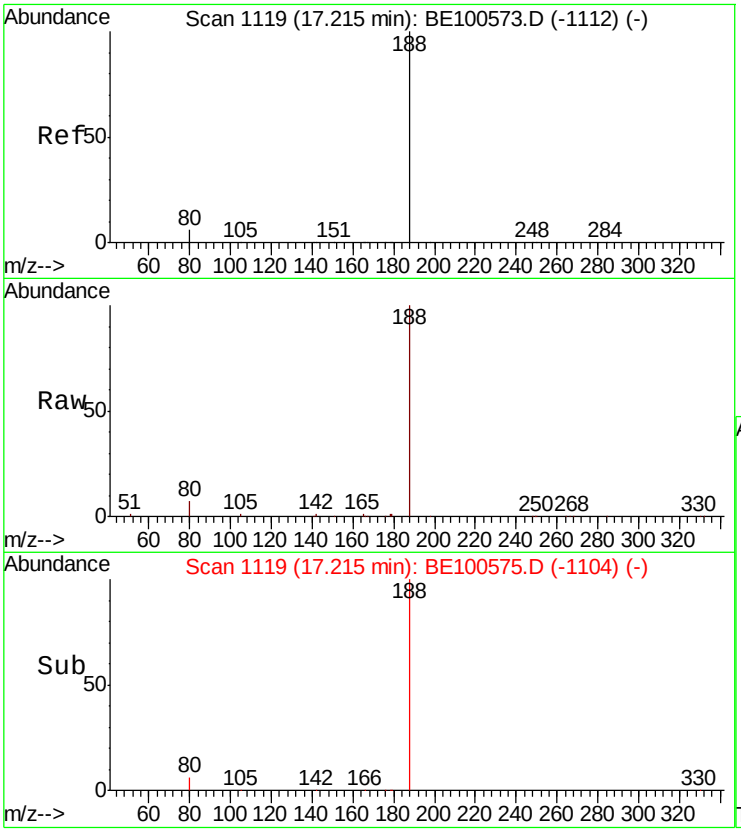


#18
Fluorene
Concen: 1.798 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:166 Resp: 66408

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.0	117.0
167	13.4	10.7	16.1



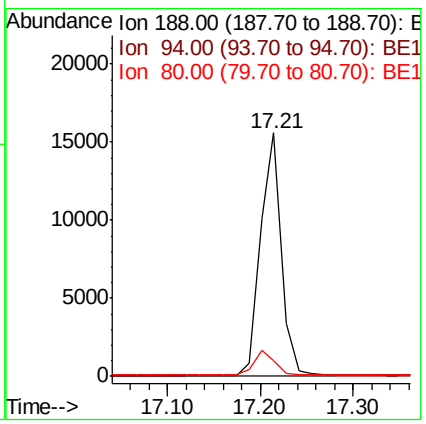


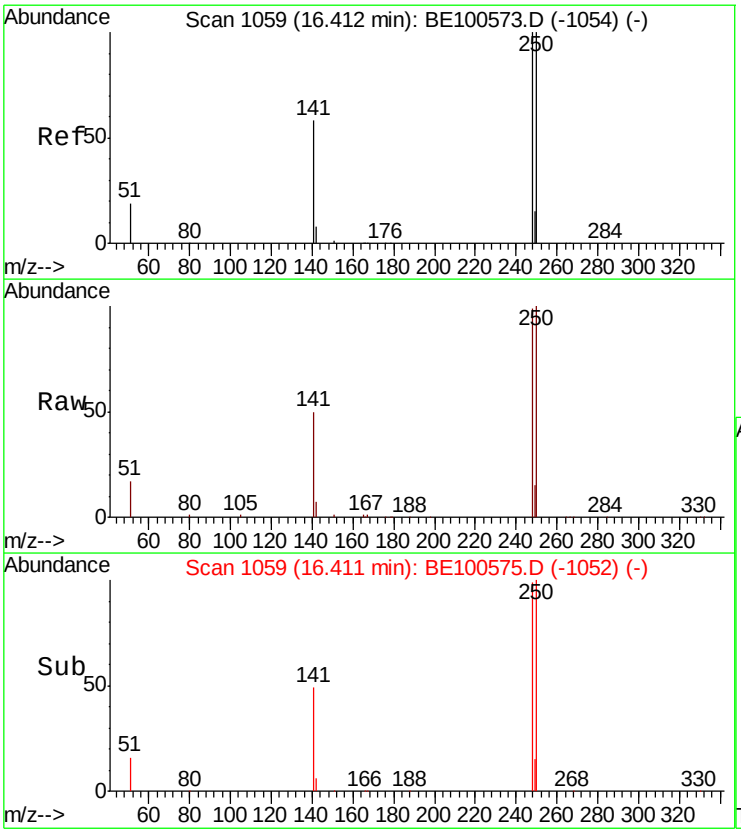
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24397

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.6	8.4

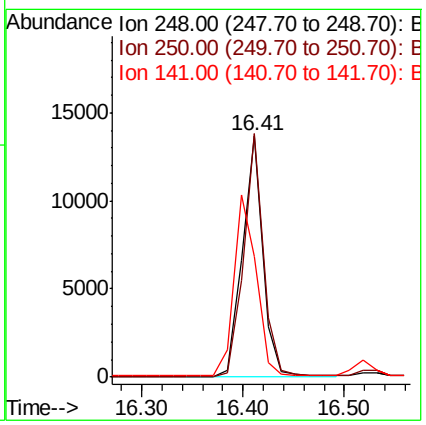


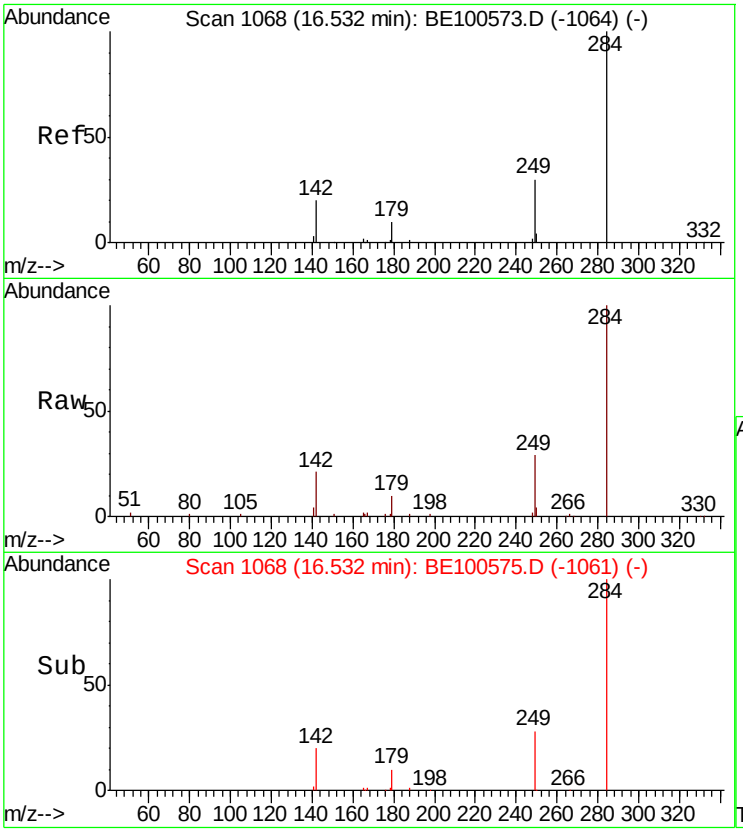


#20
4-Bromophenyl-phenylether
Concen: 1.671 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:248 Resp: 19157

Ion	Ratio	Lower	Upper
248	100		
250	100.9	79.9	119.9
141	50.0	47.7	71.5



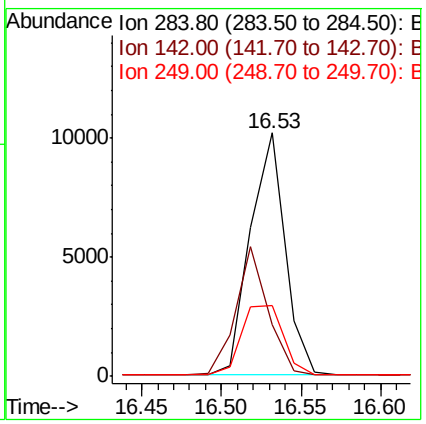


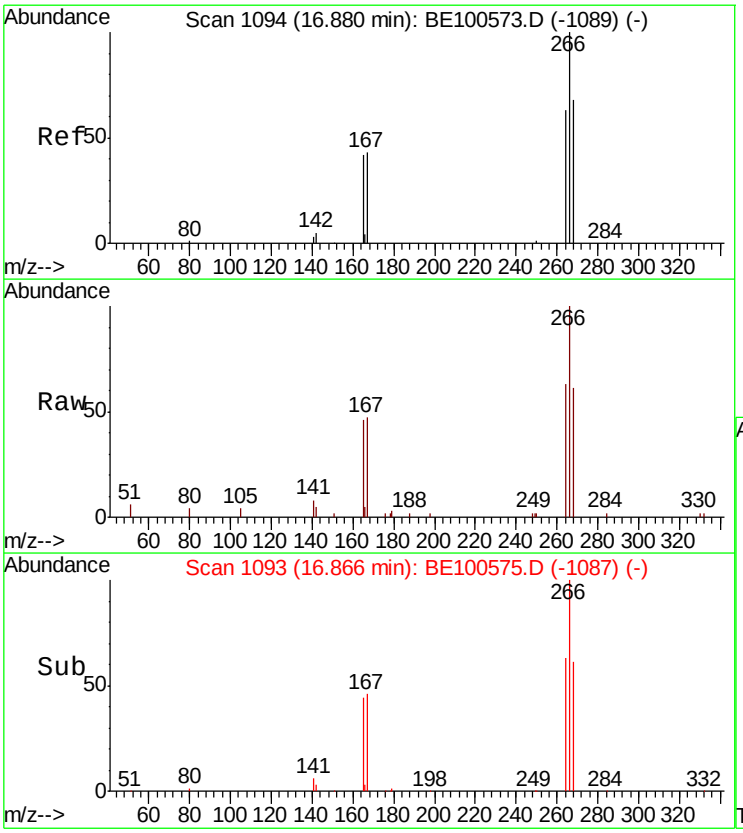
#21
Hexachlorobenzene
Concen: 1.546 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 15447

Ion	Ratio	Lower	Upper
284	100		
142	48.5	37.0	55.4
249	34.5	27.0	40.4

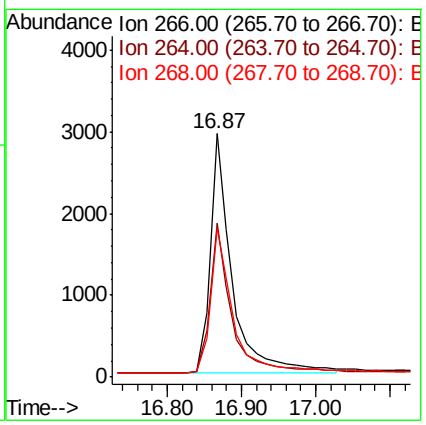


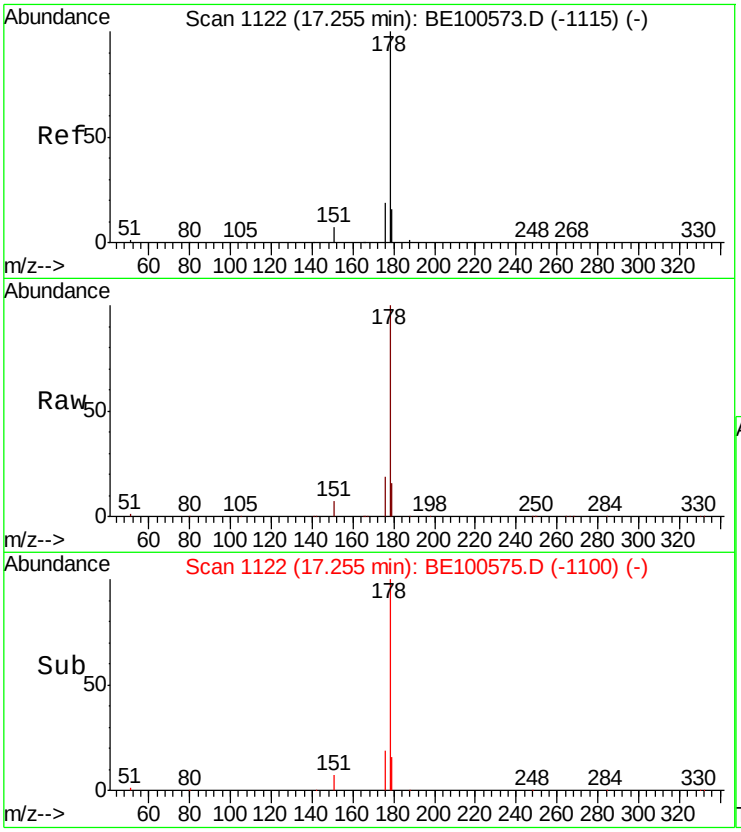


#22
Pentachlorophenol
Concen: 2.640 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:266 Resp: 6018

Ion	Ratio	Lower	Upper
266	100		
264	63.2	53.5	80.3
268	61.4	58.3	87.5



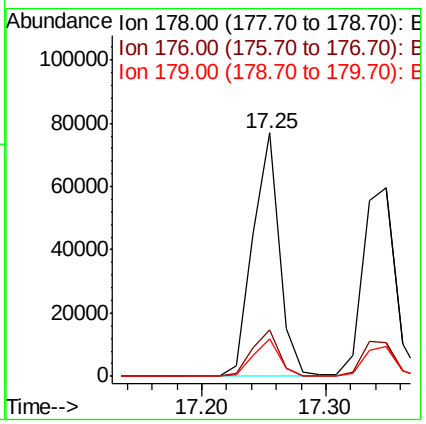


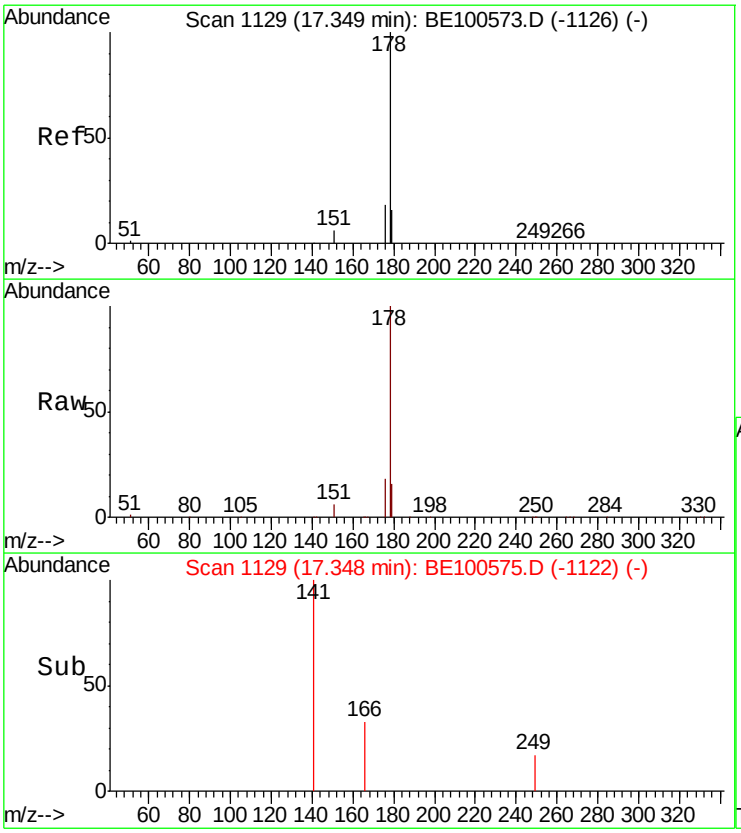
#23
Phenanthrene
Concen: 1.687 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 114664

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.4	18.6

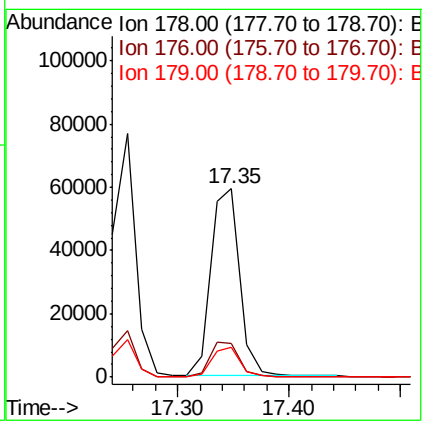


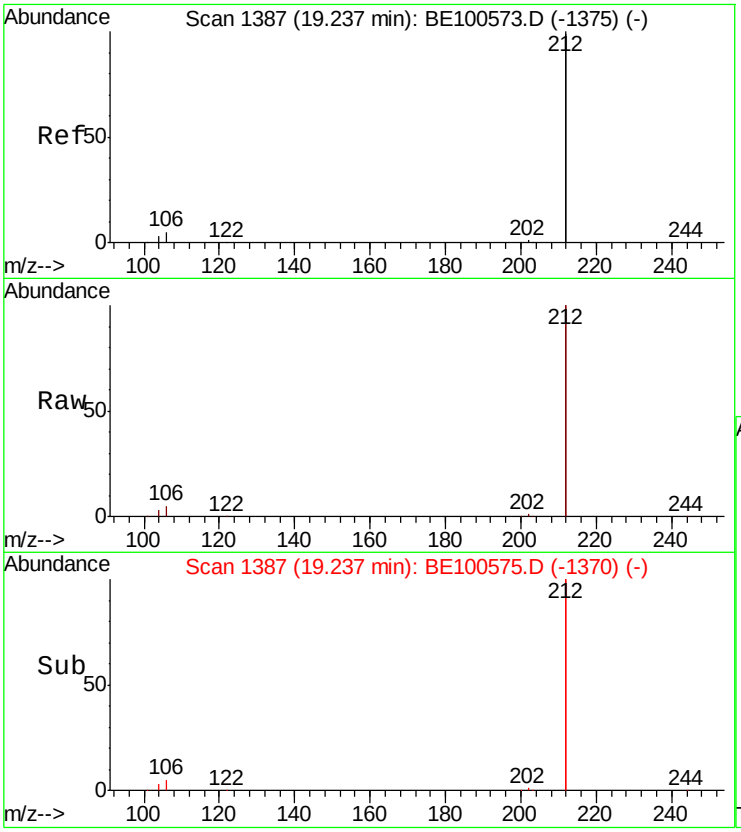


#24
Anthracene
Concen: 1.864 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:178 Resp: 106677

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.3	18.5



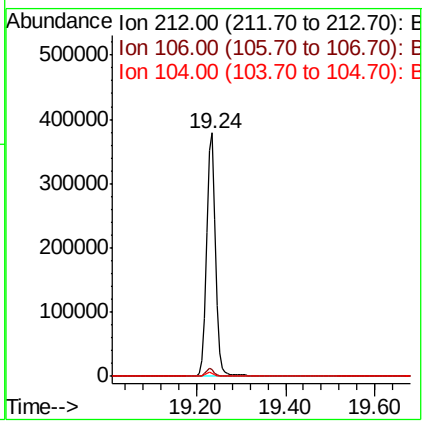


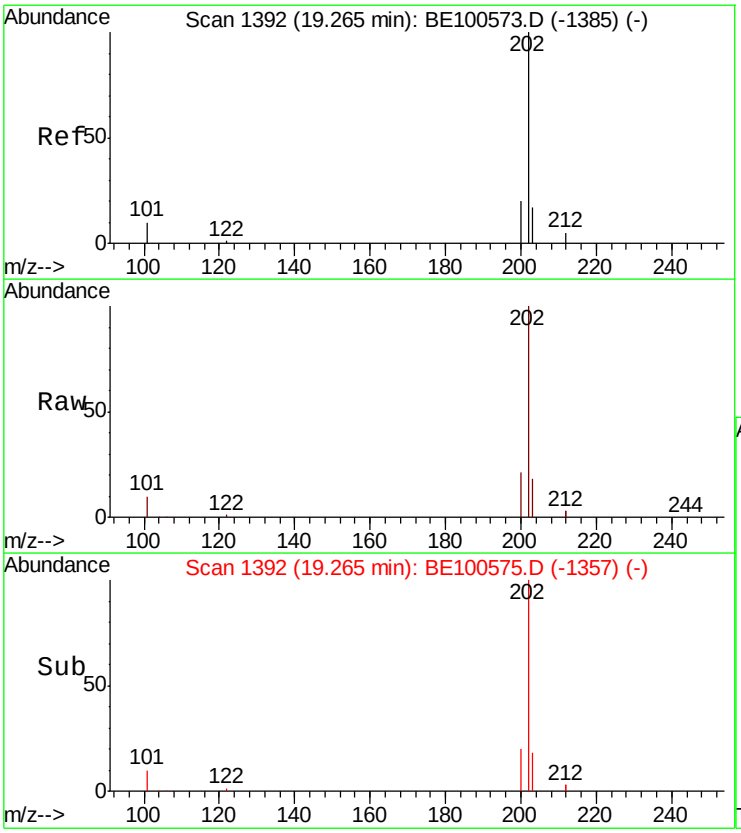
#25
Fluoranthene-d10
Concen: 1.805 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 523722

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.7	1.4	2.0

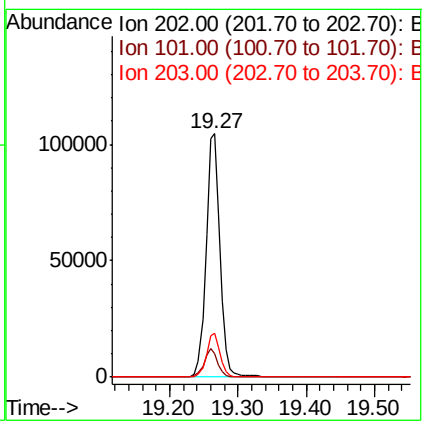


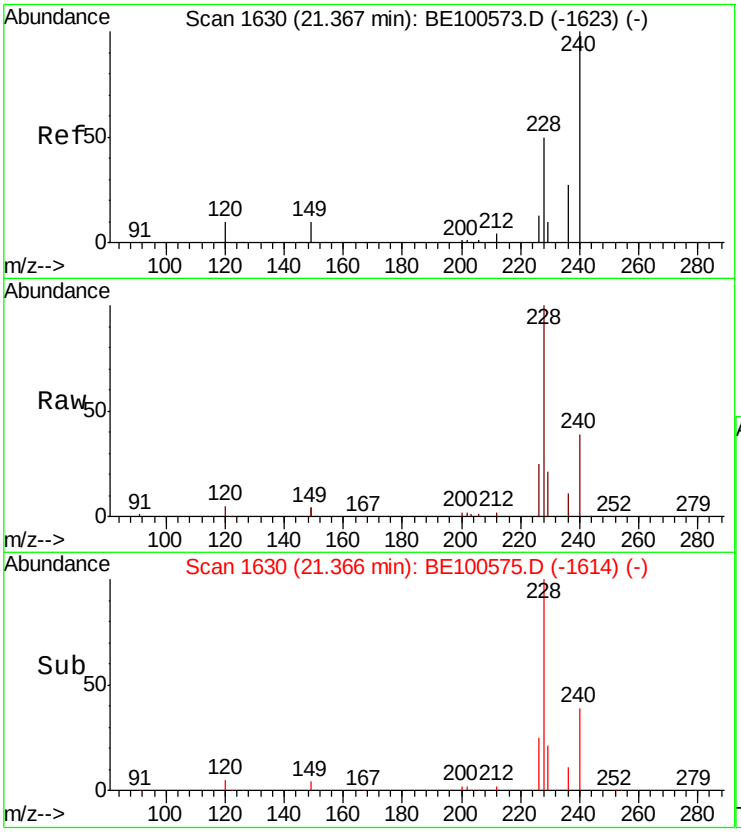


#26
Fluoranthene
Concen: 1.787 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:202 Resp: 146473

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.4
203	17.5	13.6	20.4



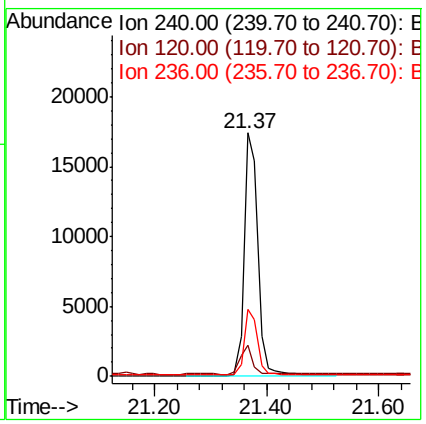


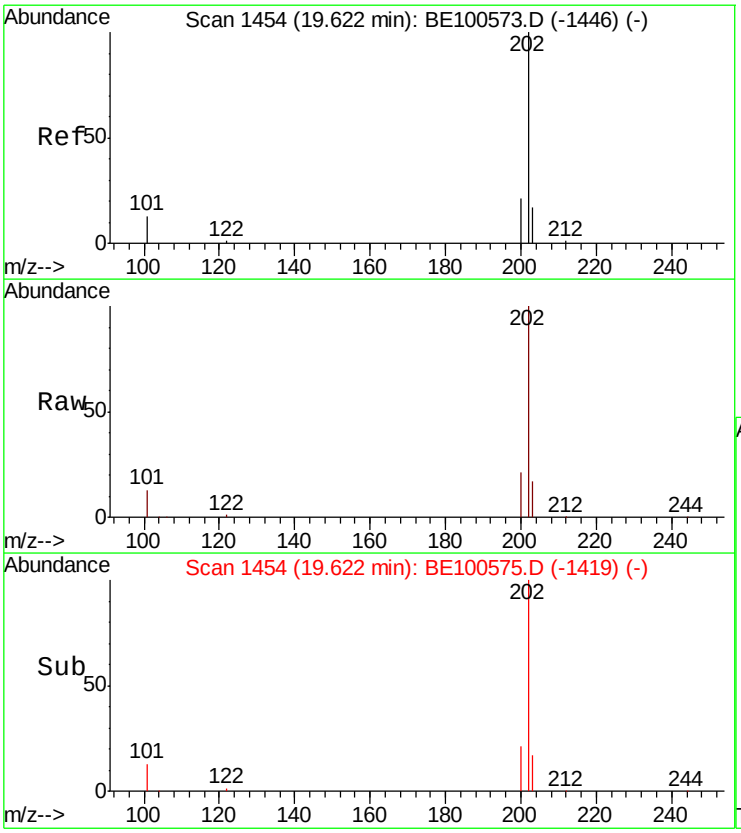
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29224

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.7	13.1
236	27.4	21.8	32.8

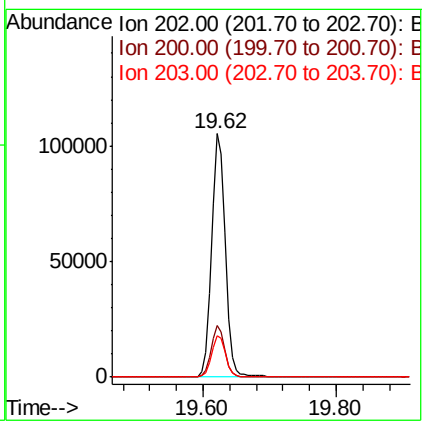


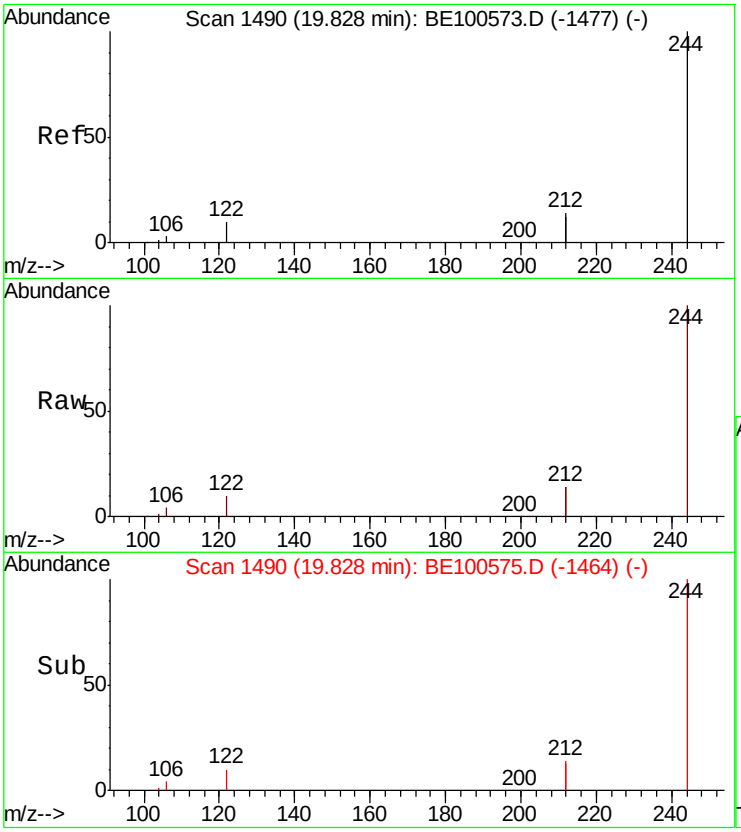


#28
Pyrene
Concen: 1.774 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:202 Resp: 149156

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	14.2	21.2



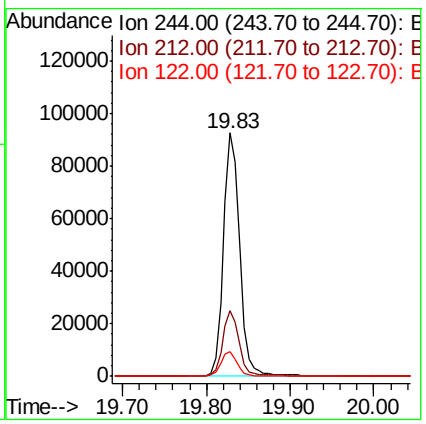


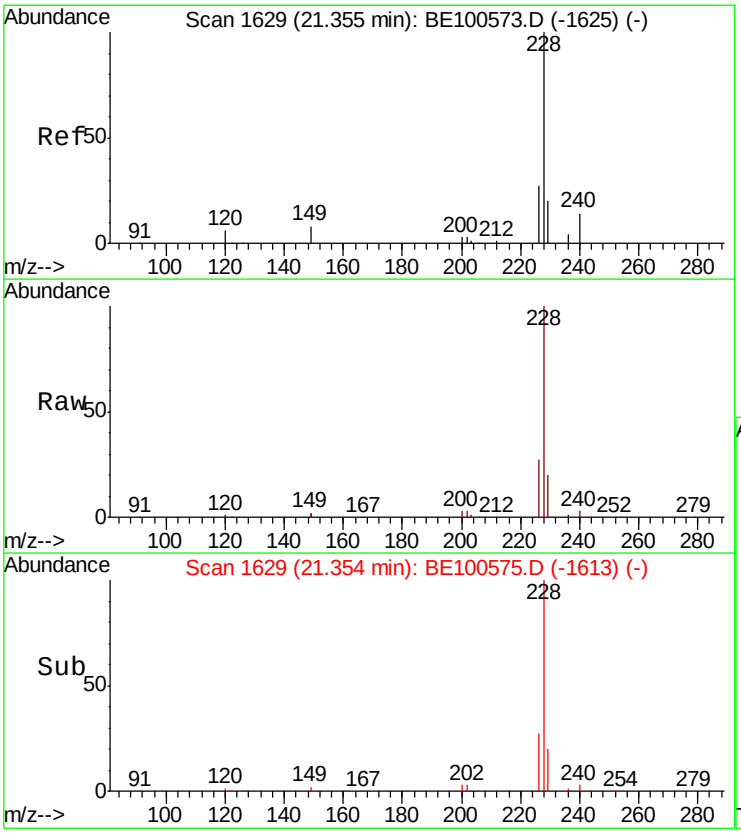
#29
Terphenyl-d14
Concen: 1.792 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 124052

Ion	Ratio	Lower	Upper
244	100		
212	27.0	21.8	32.8
122	10.2	8.2	12.4

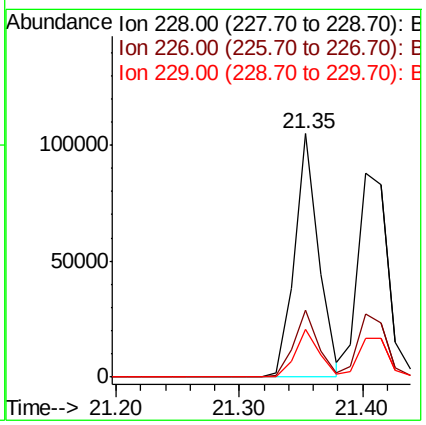


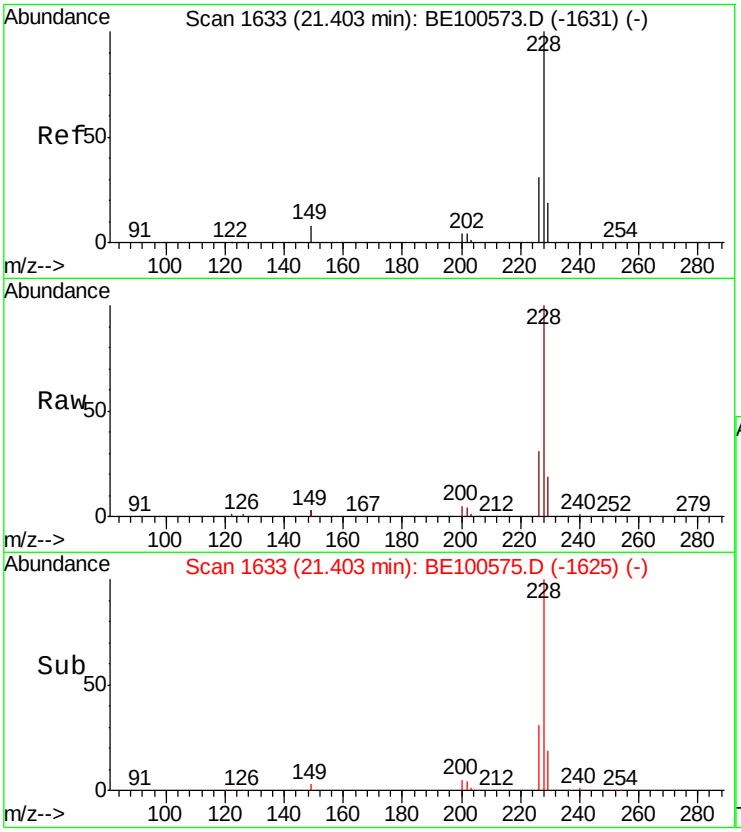


#30
Benzo(a)anthracene
Concen: 1.817 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:228 Resp: 141831

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.6	16.1	24.1



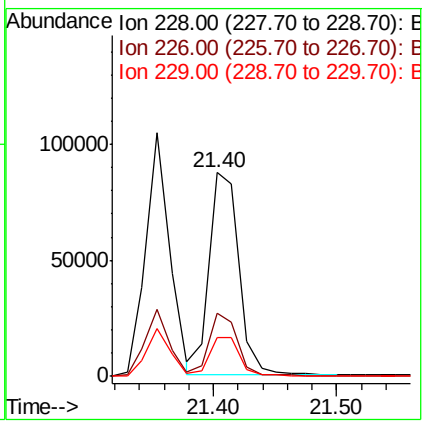


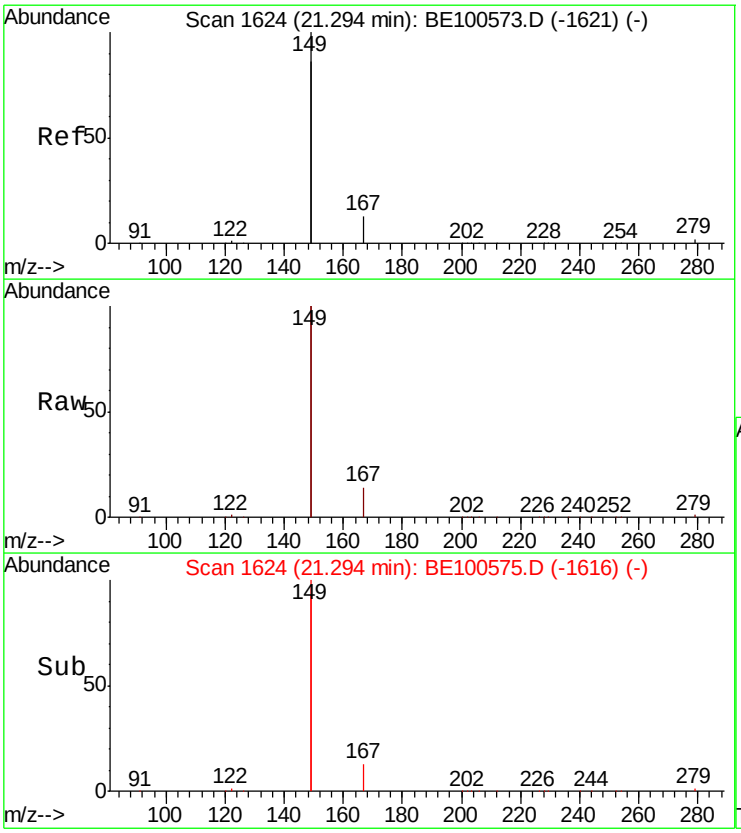
#31
Chrysene
Concen: 1.642 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 146071

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	19.2	15.6	23.4

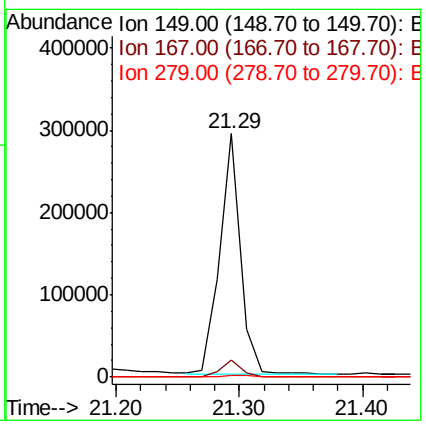


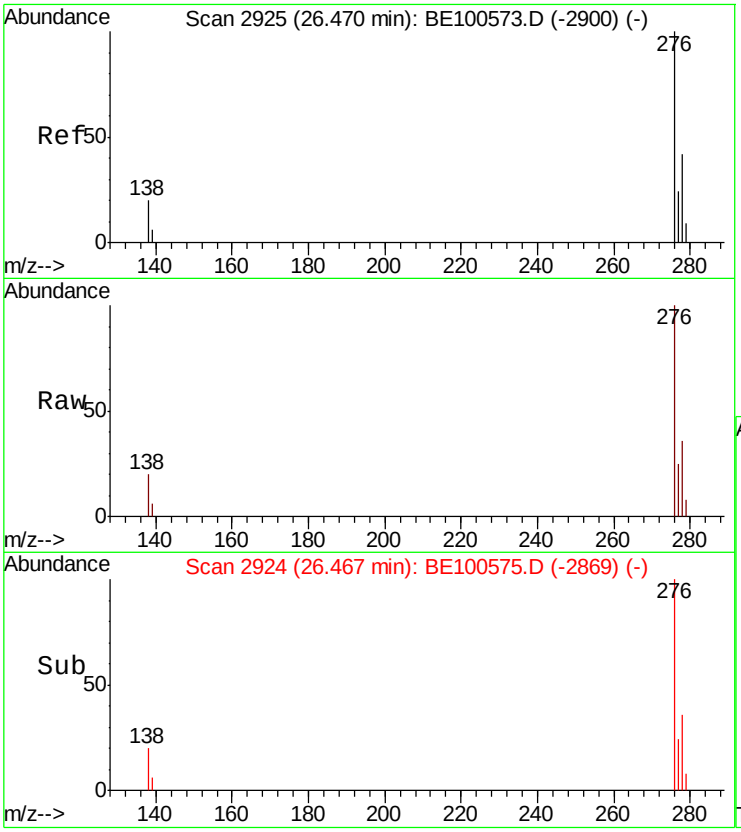


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.095 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:149 Resp: 344467

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	1.0	0.8	1.2



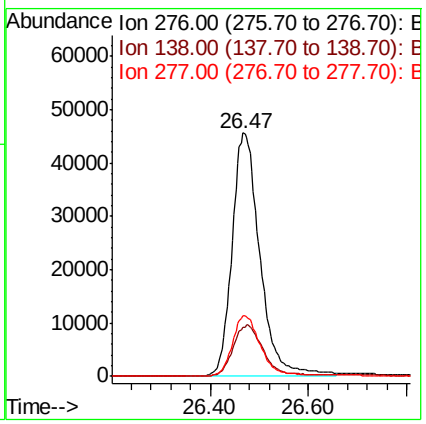


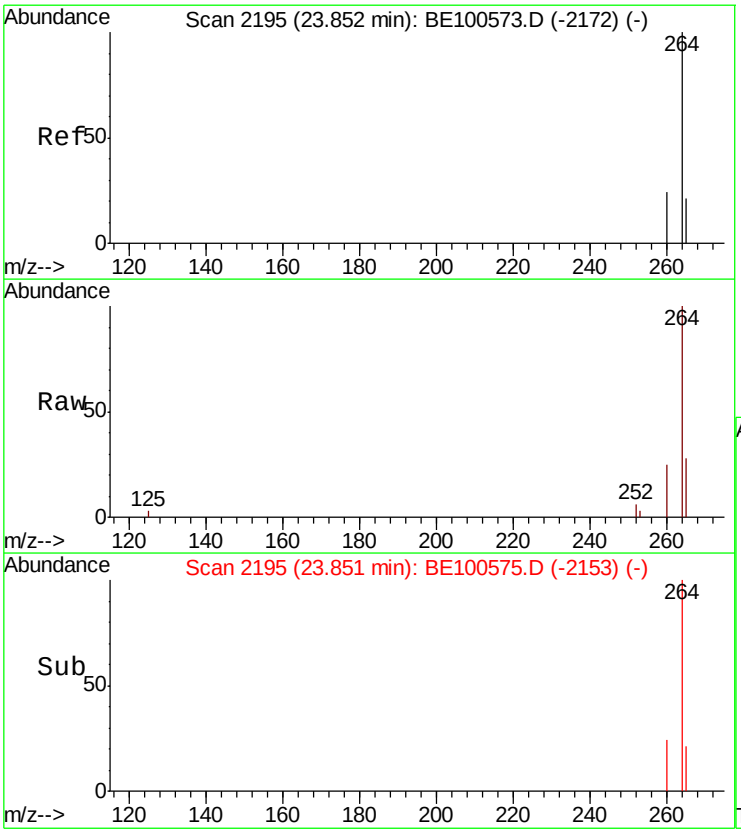
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.804 ng
RT: 26.47 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 178345

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.6	27.8
277	25.1	19.4	29.2

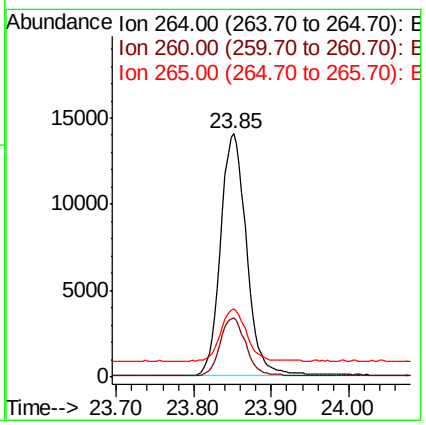


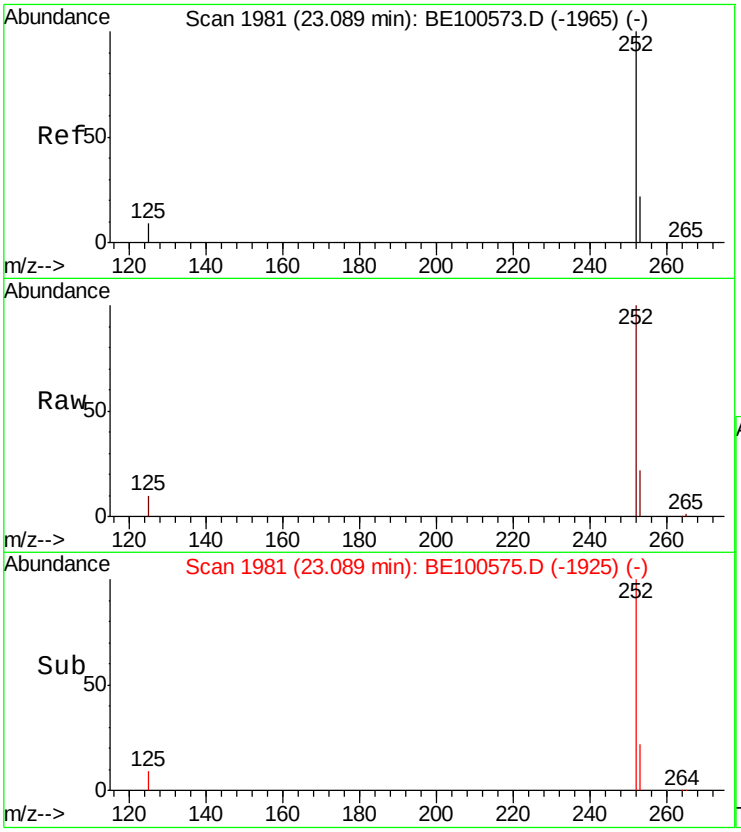


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:264 Resp: 32813

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	27.8	22.2	33.4



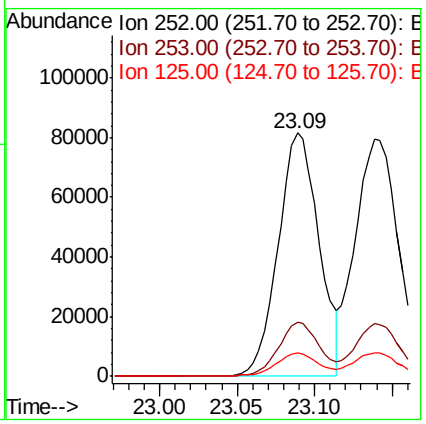


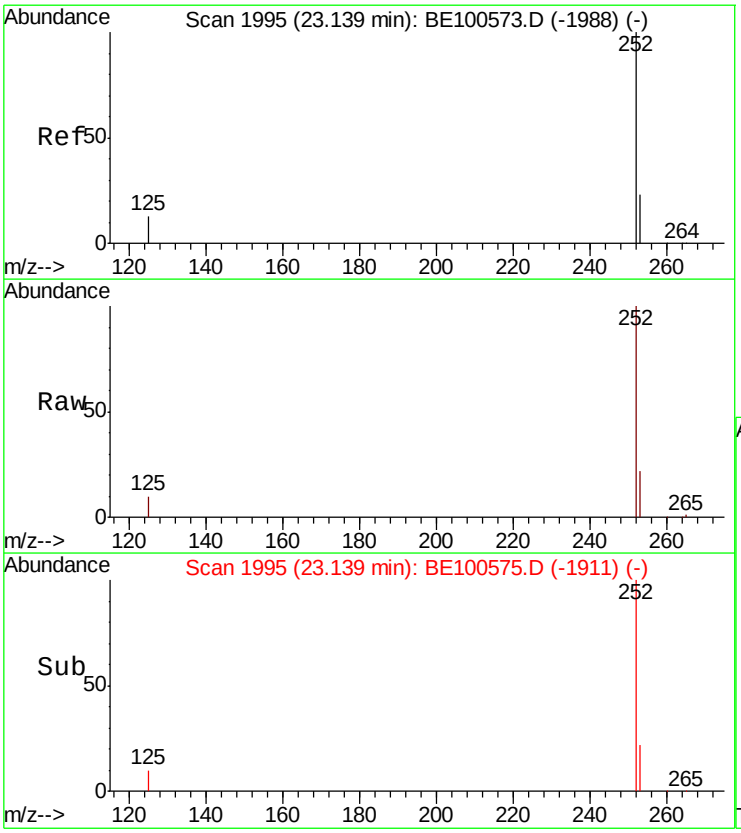
#35
Benzo(b)fluoranthene
Concen: 1.673 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 148521

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.8	8.7	13.1

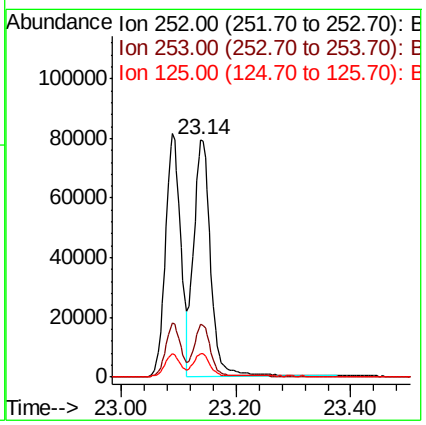


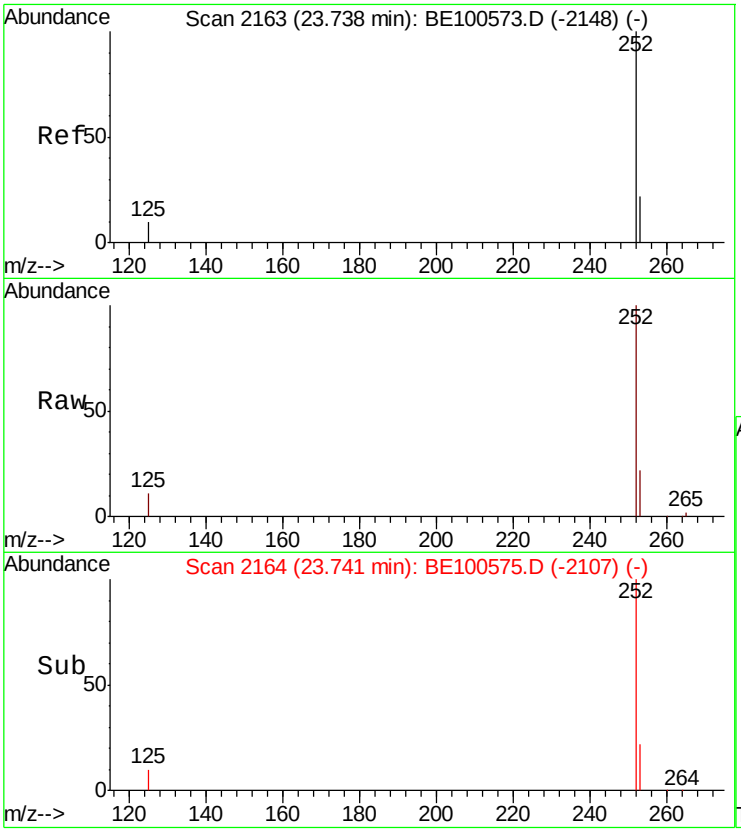


#36
Benzo(k)fluoranthene
Concen: 1.578 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:252 Resp: 162149

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	10.0	11.4	17.2#



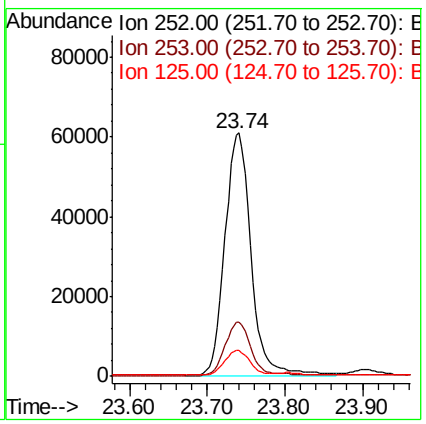


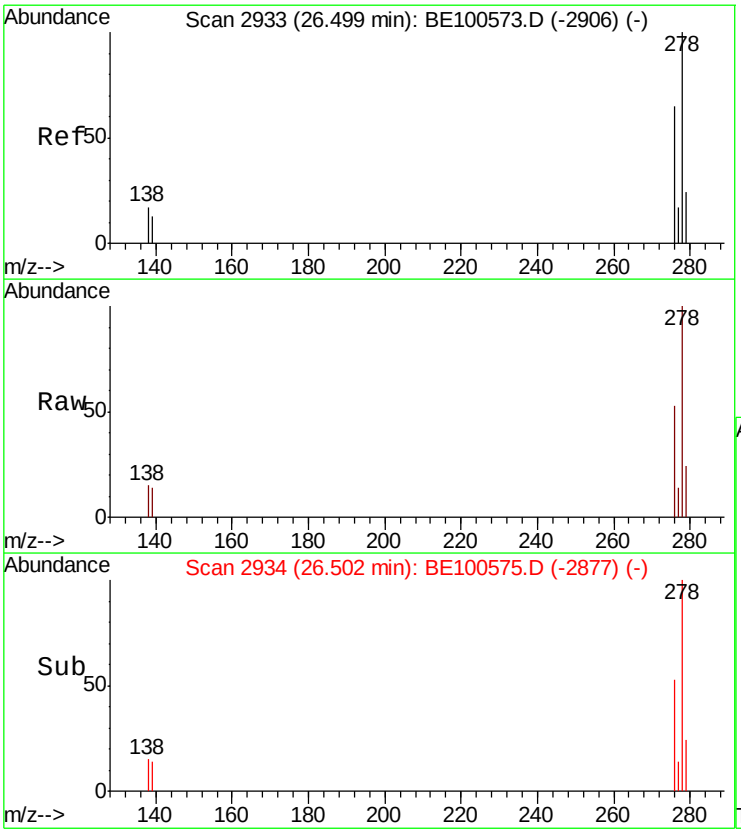
#37
Benzo(a)pyrene
Concen: 1.712 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 141821

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.7	9.8	14.6

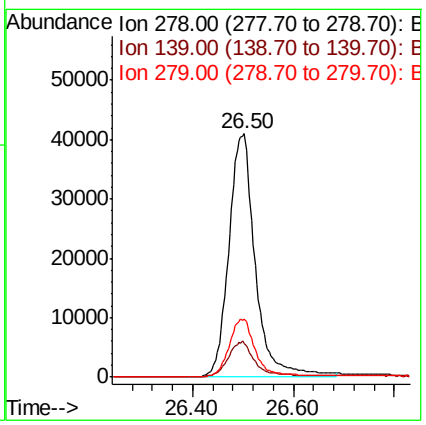


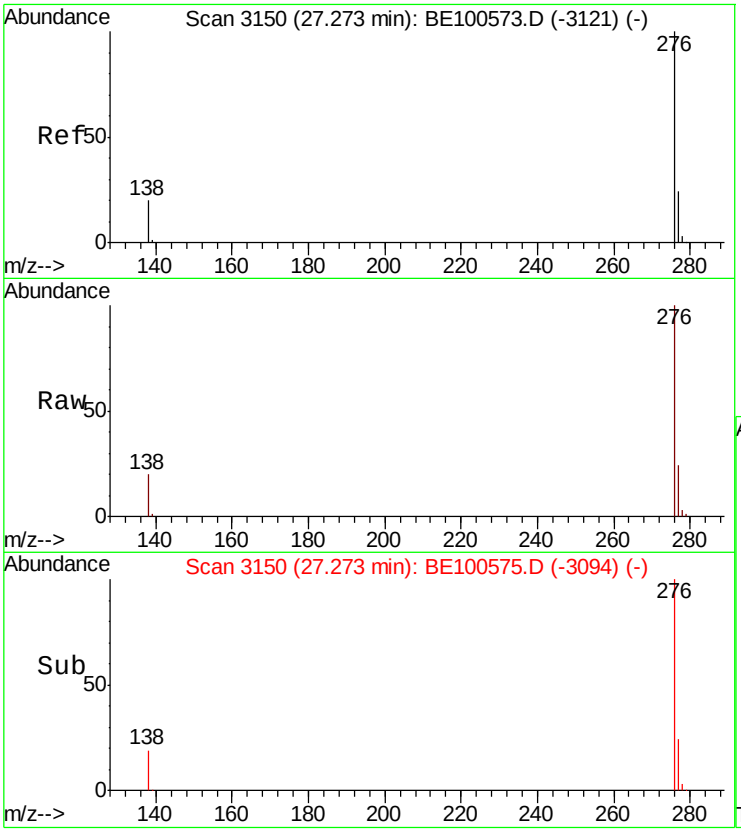


#38
Dibenzo(a,h)anthracene
Concen: 1.722 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Tgt Ion:278 Resp: 148556

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	24.0	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 1.627 ng
RT: 27.27 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE100575.D
Acq: 27 Sep 2019 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 146599

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	19.6	17.0	25.4