Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
Data File : BE100532.D
Acq On : 20 Sep 2019 17:51
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Sep 20 18:26:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6768	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	31904	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	19095	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	38829	0.40	ng	0.00
27) Chrysene-d12	21.37	240	50188	0.40	ng	0.00
34) Perylene-d12	23.83	264	48268	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	91999	5.19	ng	0.00
5) Phenol-d6	7.02	99	130971	5.57	ng	0.00
8) Nitrobenzene-d5	9.00	82	113111	6.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	250340	5.19	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	25435	6.93	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	348945	5.27	ng	0.00
25) Fluoranthene-d10	19.22	212	2554307	5.36	ng	0.00
29) Terphenyl-d14	19.82	244	606834	5.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	47329	4.523	ng	97
3) n-Nitrosodimethylamine	3.65	42	34268	5.825	ng	99
6) bis(2-Chloroethyl)ether	7.27	93	115979	5.297	ng	88
9) Naphthalene	10.69	128	1689527	5.221	ng	100
10) Hexachlorobutadiene	10.99	225	53471	5.251	ng	98
12) 2-Methylnaphthalene	12.31	142	287319	5.506	ng	99
16) Acenaphthylene	14.20	152	445272	5.616	ng	100
17) Acenaphthene	14.54	154	287674	5.516	ng	96
18) Fluorene	15.51	166	357056	5.378	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	103692	5.836	ng	97
21) Hexachlorobenzene	16.52	284	83496	5.517	ng	98
22) Pentachlorophenol	16.87	266	30503	8.040	ng	91
23) Phenanthrene	17.24	178	585946	5.517	ng	99
24) Anthracene	17.33	178	546310	6.057	ng	100
26) Fluoranthene	19.25	202	726905	5.656	ng	99
28) Pyrene	19.62	202	725062	5.115	ng	99
30) Benzo(a)anthracene	21.34	228	746289	5.387	ng	99
31) Chrysene	21.40	228	780062	5.312	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	1266984	7.635	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	878731	5.060	ng	99
35) Benzo(b)fluoranthene	23.08	252	750134	5.927	ng	99
36) Benzo(k)fluoranthene	23.13	252	840981	5.708	ng	99
37) Benzo(a)pyrene	23.72	252	702033	5.816	ng	98
38) Dibenzo(a,h)anthracene	26.47	278	738922	5.925	ng	98
39) Benzo(g,h,i)perylene	27.24	276	719564	5.592	ng	100

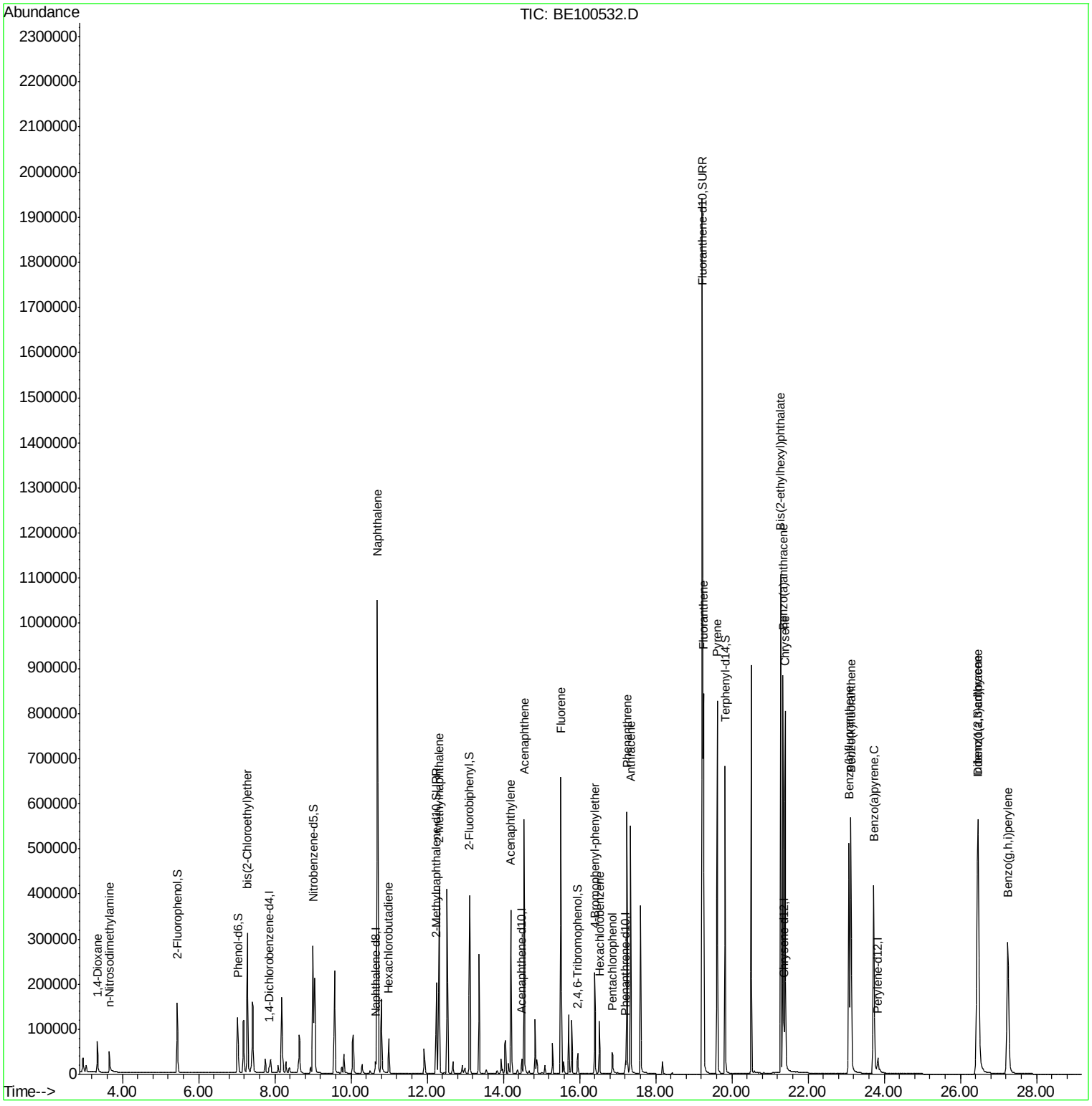
(#) = qualifier out of range (m) = manual integration (+) = signals summed

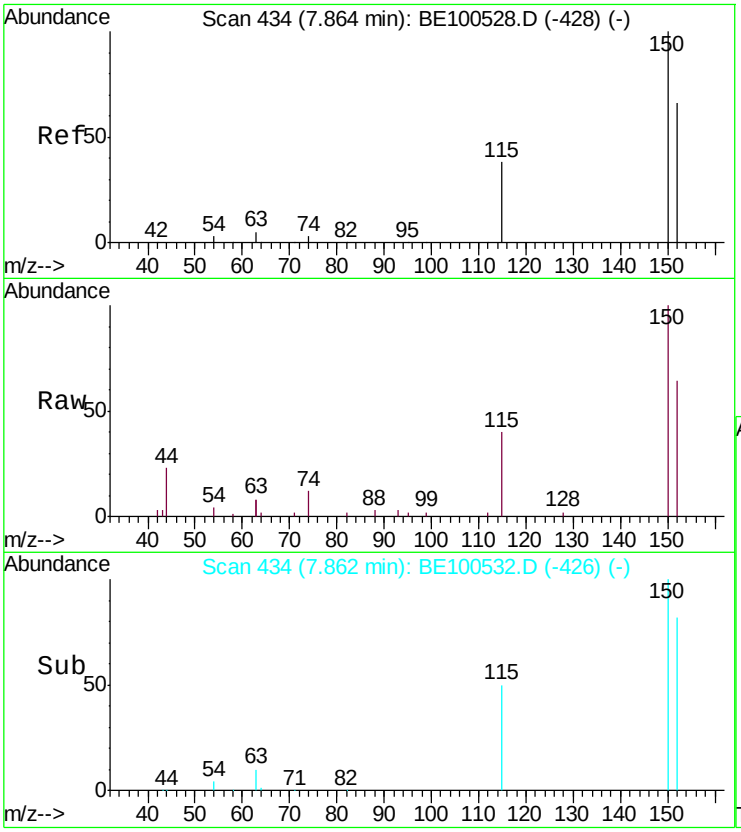
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
Data File : BE100532.D
Acq On : 20 Sep 2019 17:51
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 20 18:26:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:06:36 2019
Response via : Initial Calibration



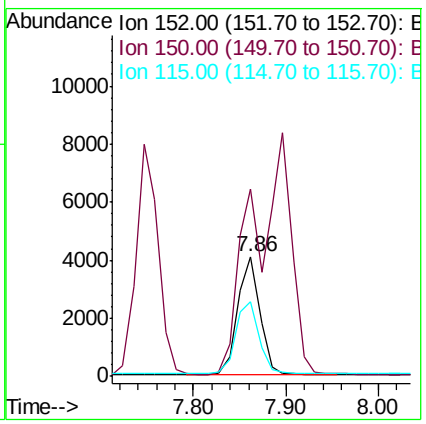


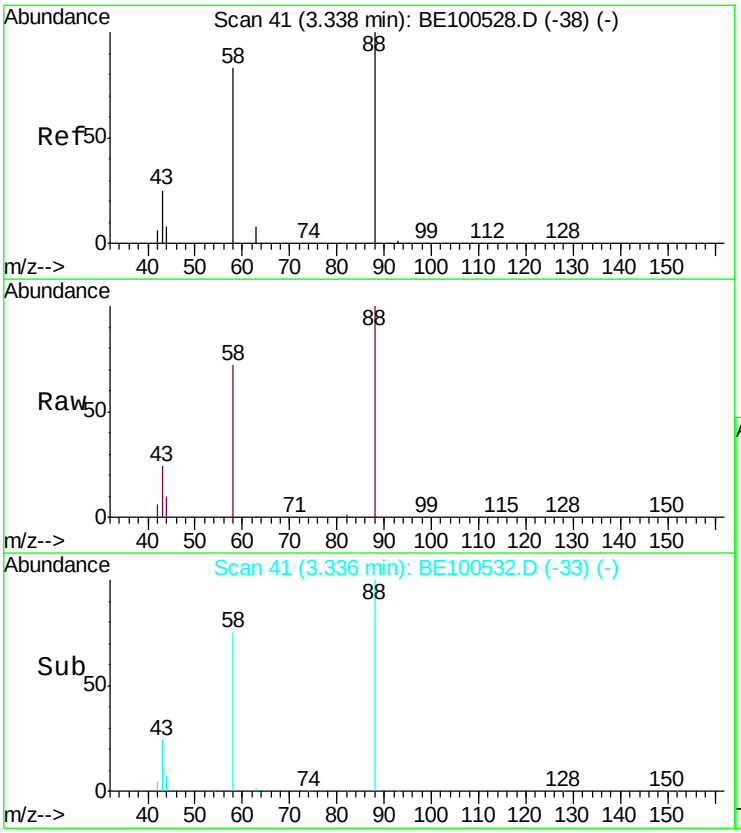
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 6768

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.6	182.4
115	61.9	48.2	72.4

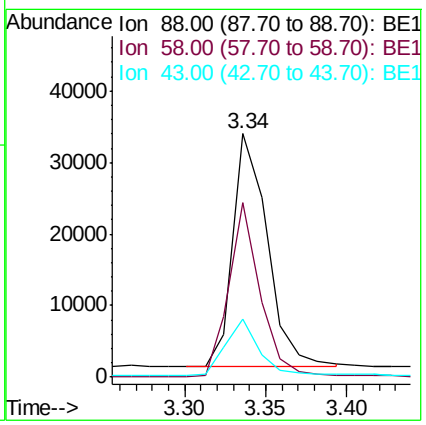


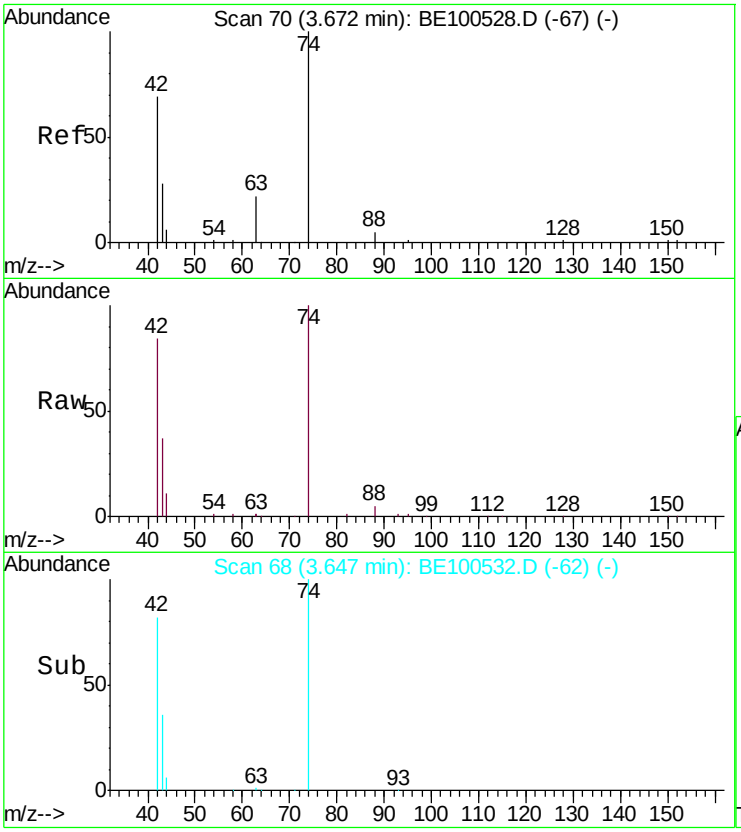


#2
1,4-Dioxane
Concen: 4.523 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion: 88 Resp: 47329

Ion	Ratio	Lower	Upper
88	100		
58	68.8	53.3	79.9
43	22.8	16.9	25.3



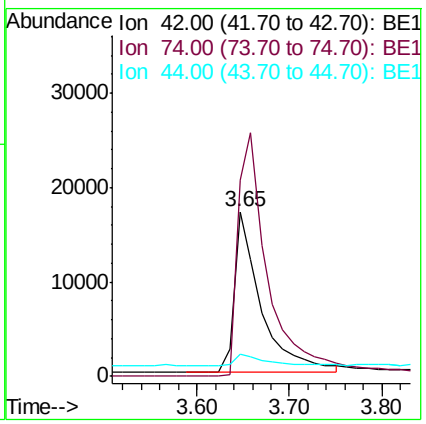


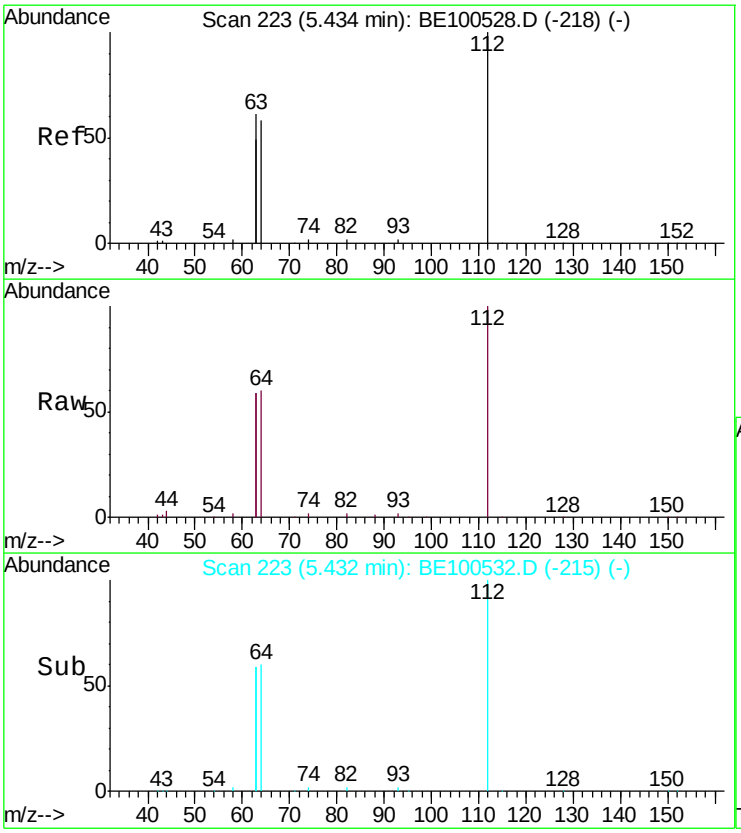
#3
n-Nitrosodimethylamine
Concen: 5.825 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.03 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 34268

Ion	Ratio	Lower	Upper
42	100		
74	168.4	133.8	200.6
44	7.4	6.4	9.6

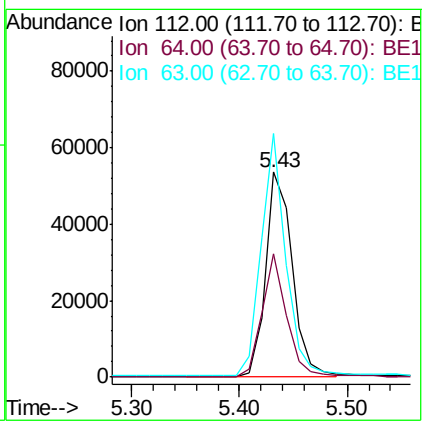


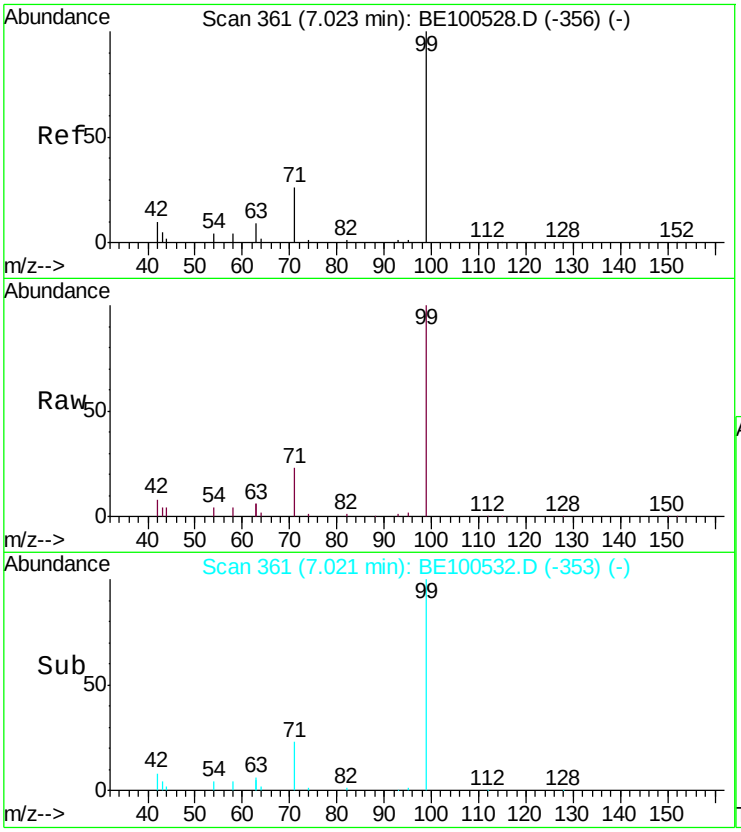


#4
2-Fluorophenol
Concen: 5.190 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:112 Resp: 91999

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.1	66.1
63	109.5	86.5	129.7



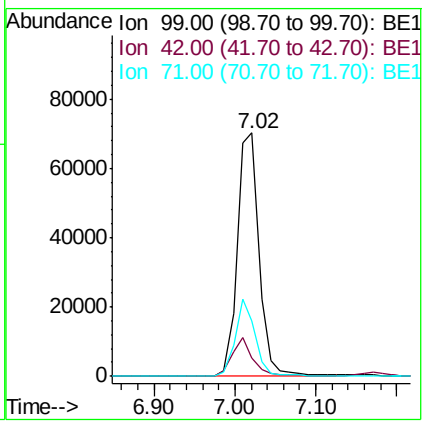


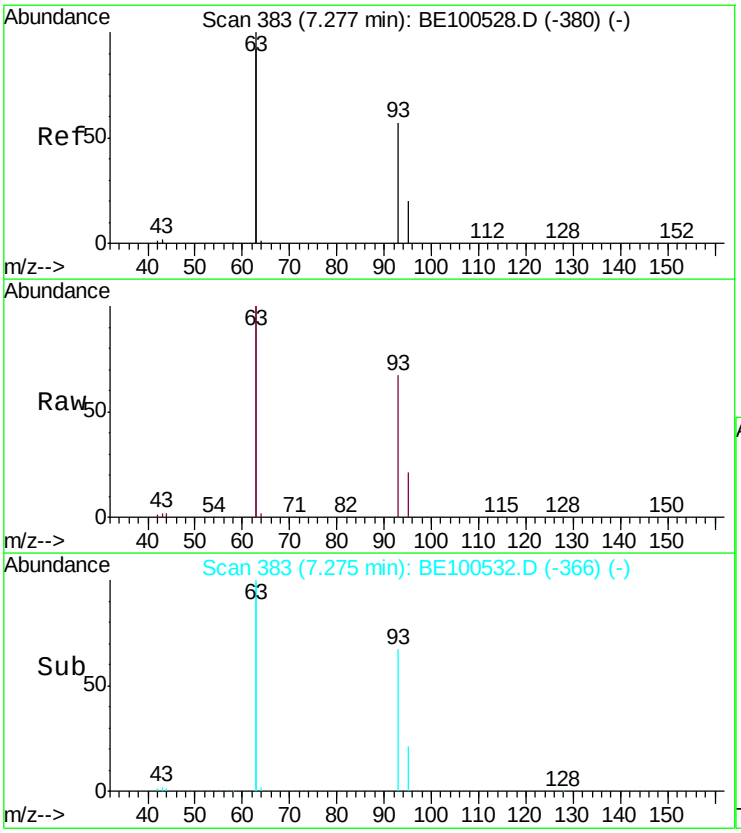
#5
Phenol-d6
Concen: 5.571 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 130971

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.0	19.6
71	28.9	23.4	35.0

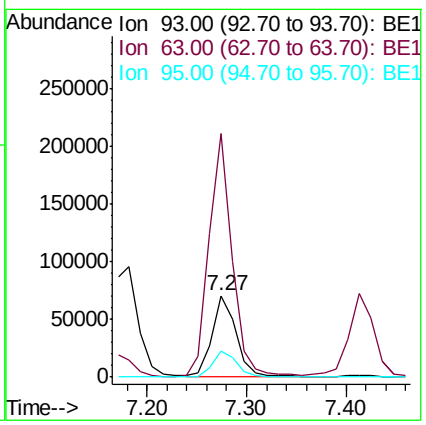


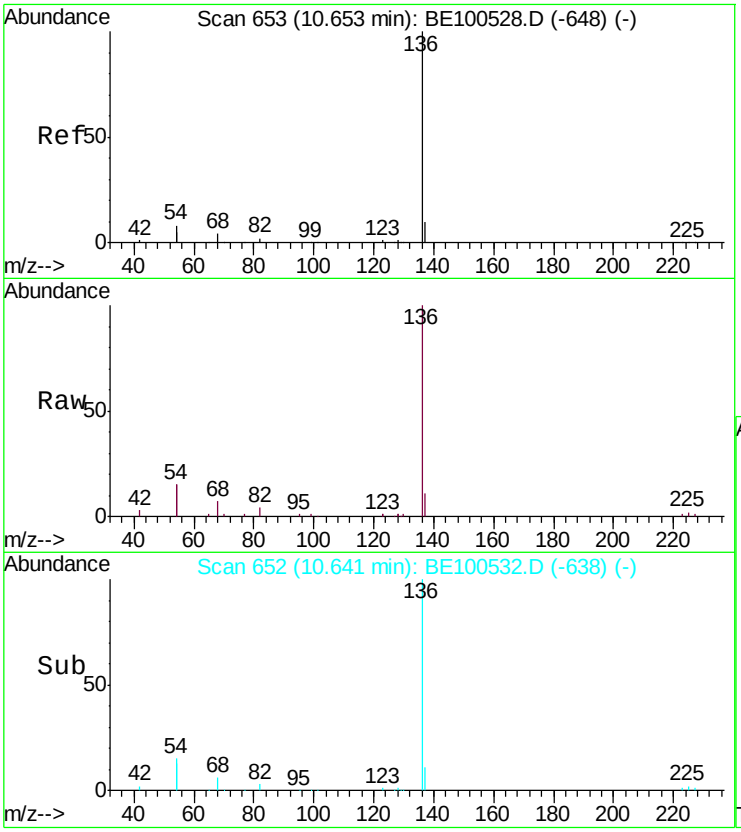


#6
bis(2-Chloroethyl)ether
Concen: 5.297 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion: 93 Resp: 115979

Ion	Ratio	Lower	Upper
93	100		
63	290.9	213.4	320.0
95	32.1	23.7	35.5



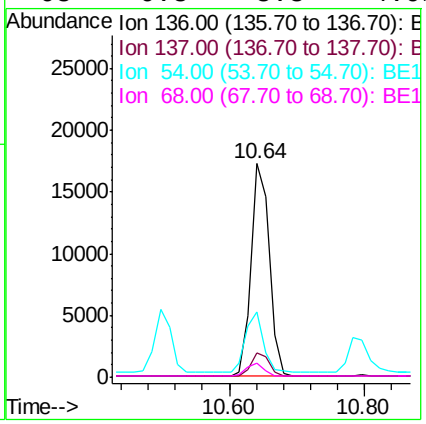


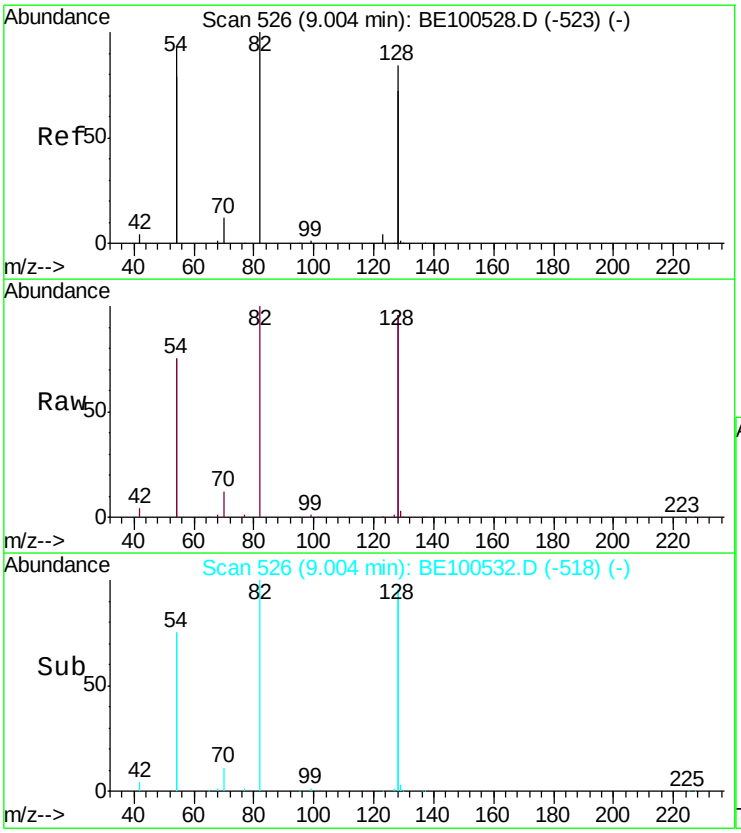
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 31904

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	30.3	12.4	18.6#
68	6.8	3.3	4.9#

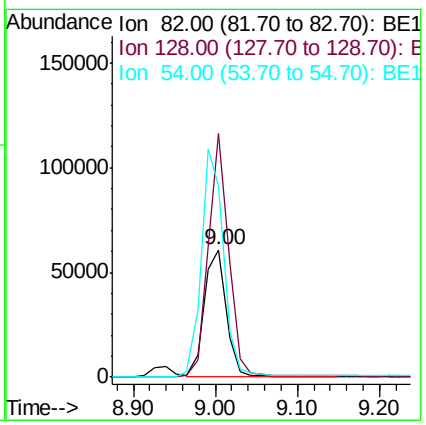


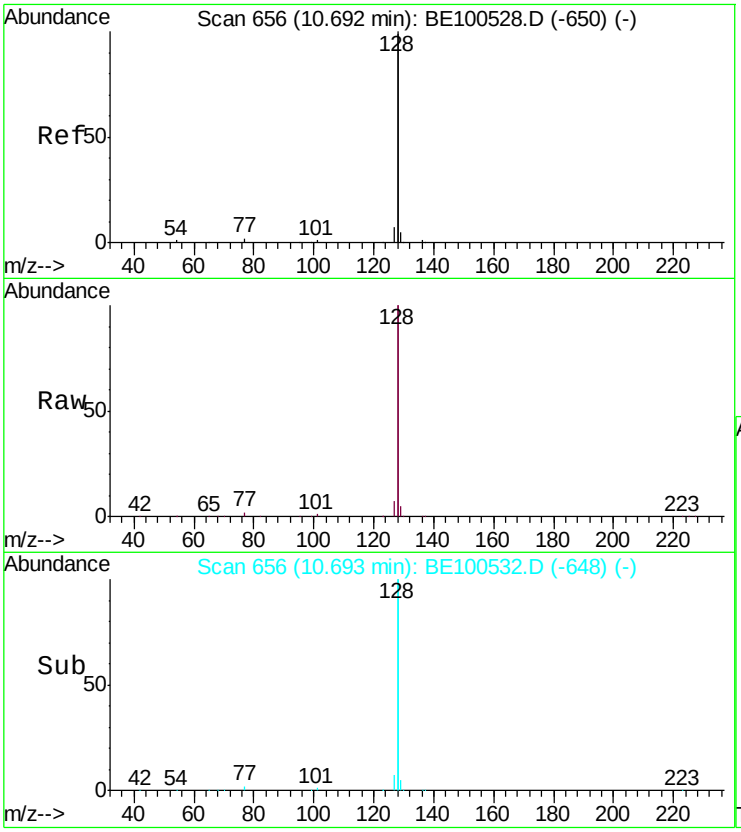


#8
Nitrobenzene-d5
Concen: 6.447 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion: 82 Resp: 113111

Ion	Ratio	Lower	Upper
82	100		
128	191.3	129.4	194.2
54	150.1	143.3	214.9



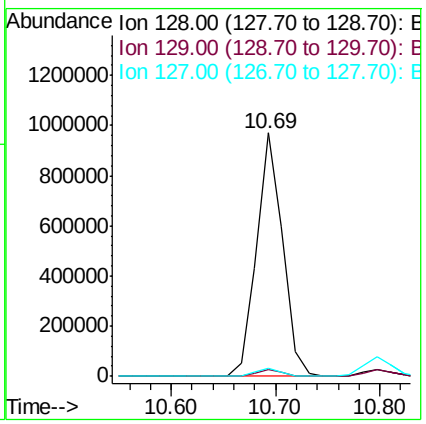


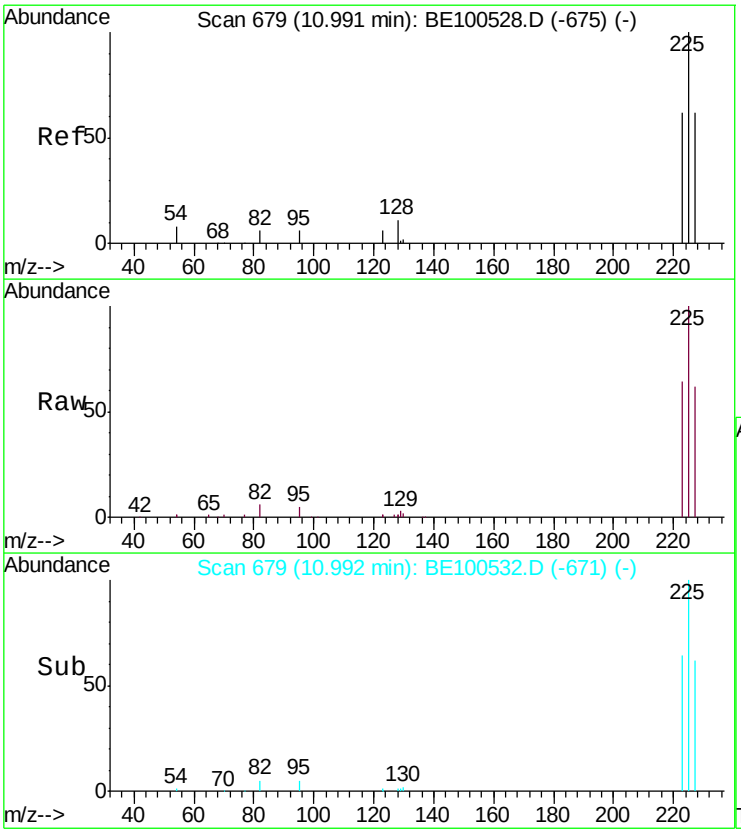
#9
Naphthalene
Concen: 5.221 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 1689527

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.3	2.7	4.1

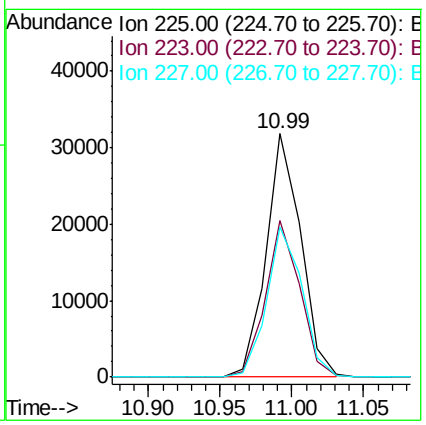


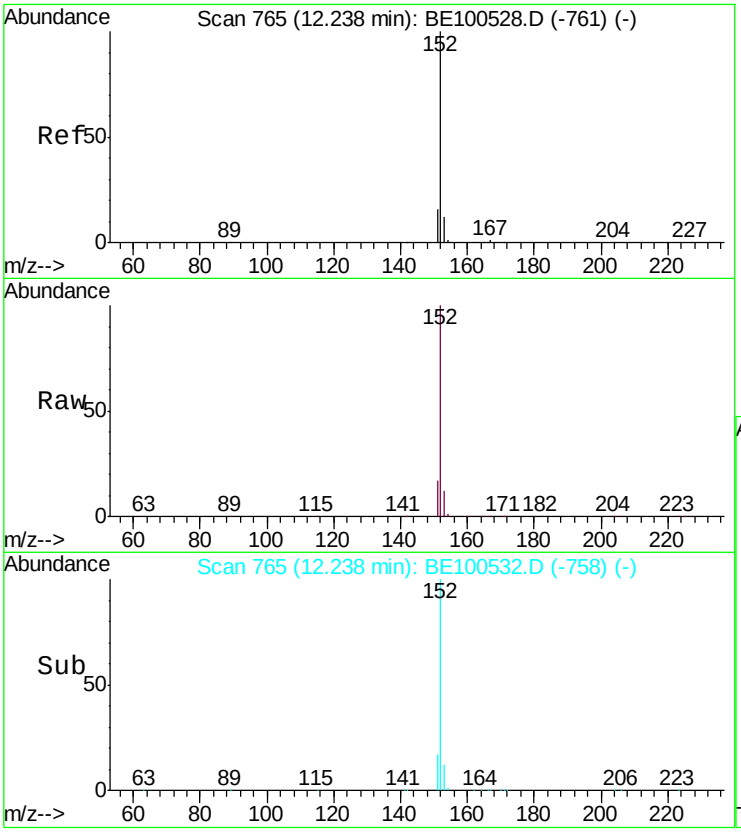


#10
Hexachlorobutadiene
Concen: 5.251 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:225 Resp: 53471

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	63.1	51.4	77.2



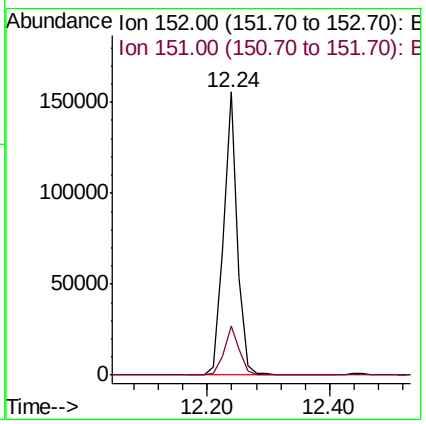


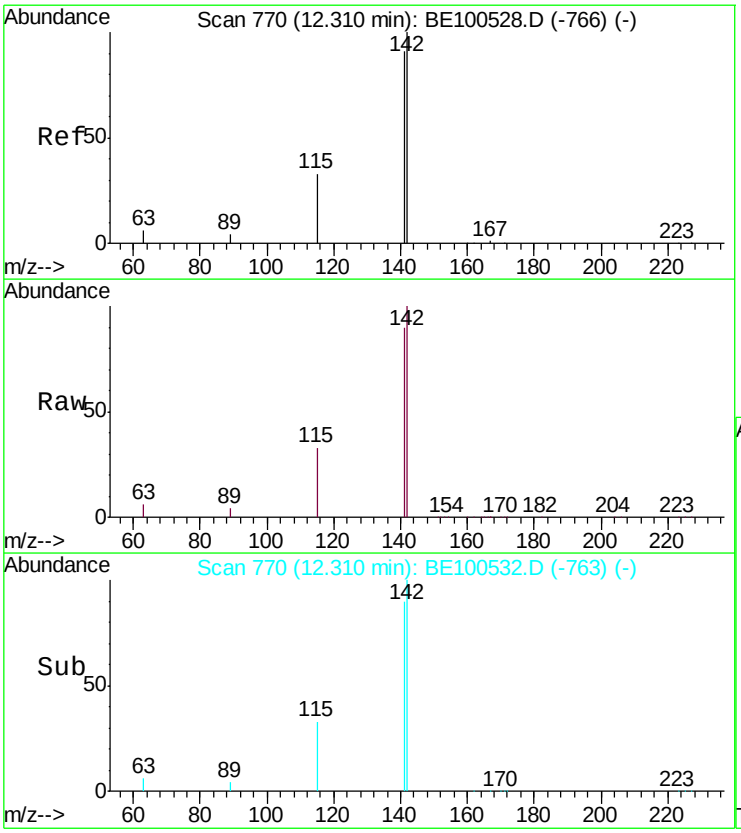
#11
2-Methylnaphthalene-d10
Concen: 5.186 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 250340

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

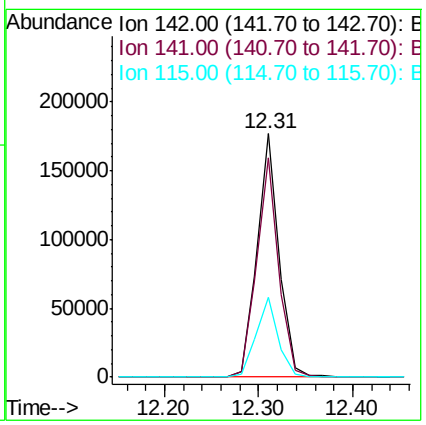


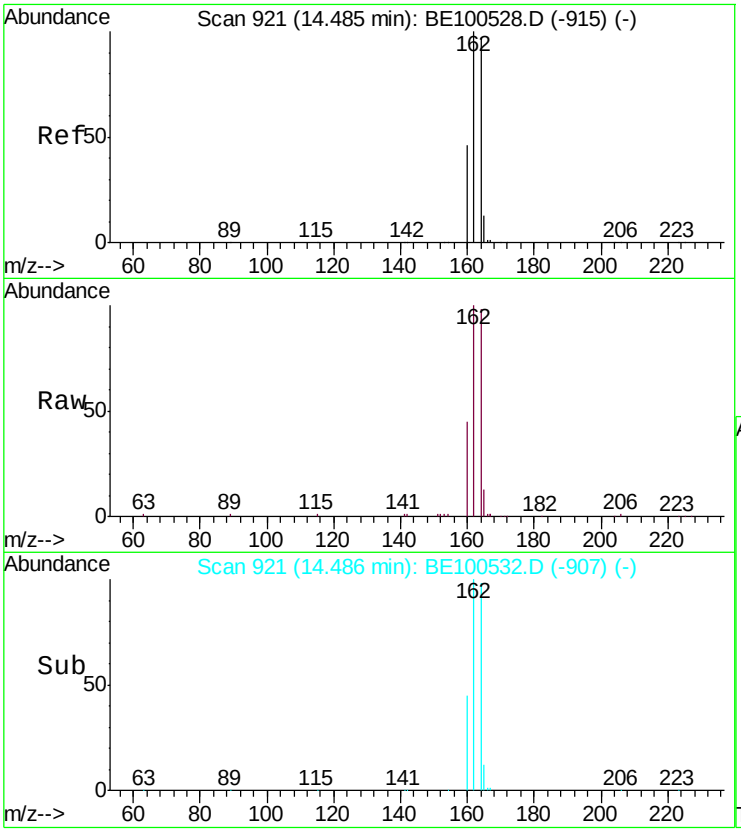


#12
2-Methylnaphthalene
Concen: 5.506 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:142 Resp: 287319

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.5	108.7
115	32.6	27.2	40.8



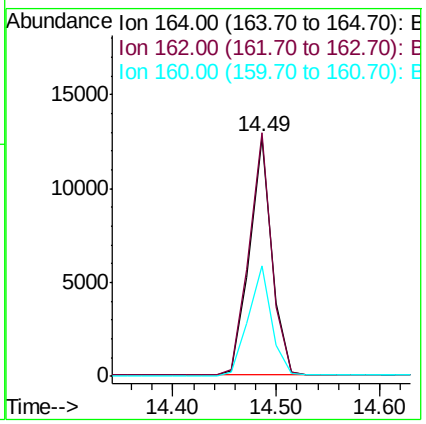


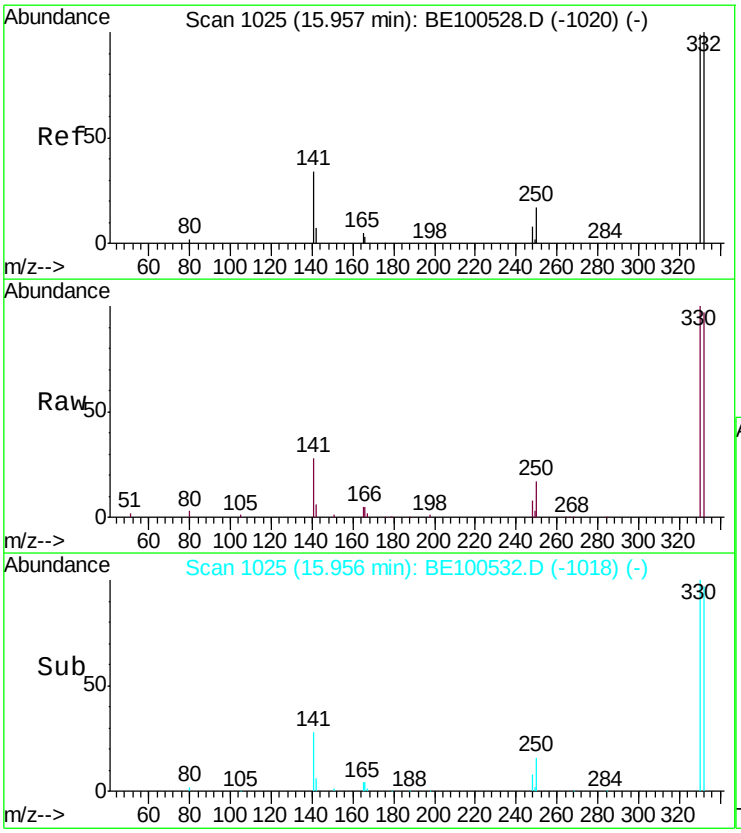
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 19095

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.1	123.1
160	46.3	37.6	56.4

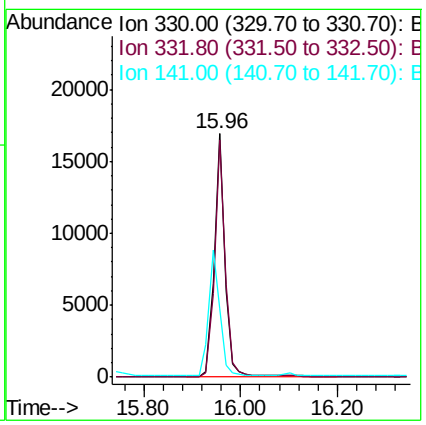


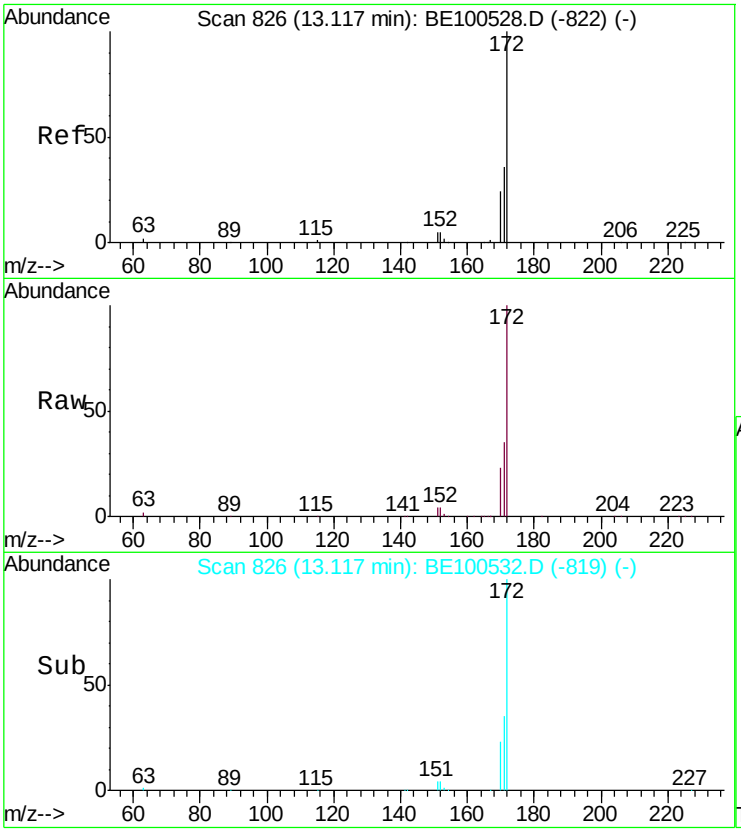


#14
2,4,6-Tribromophenol
Concen: 6.934 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:330 Resp: 25435

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.5	113.3
141	52.9	42.3	63.5



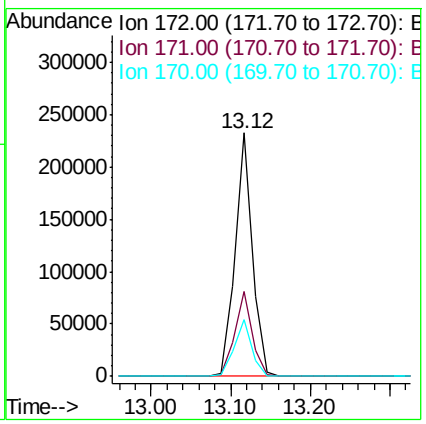


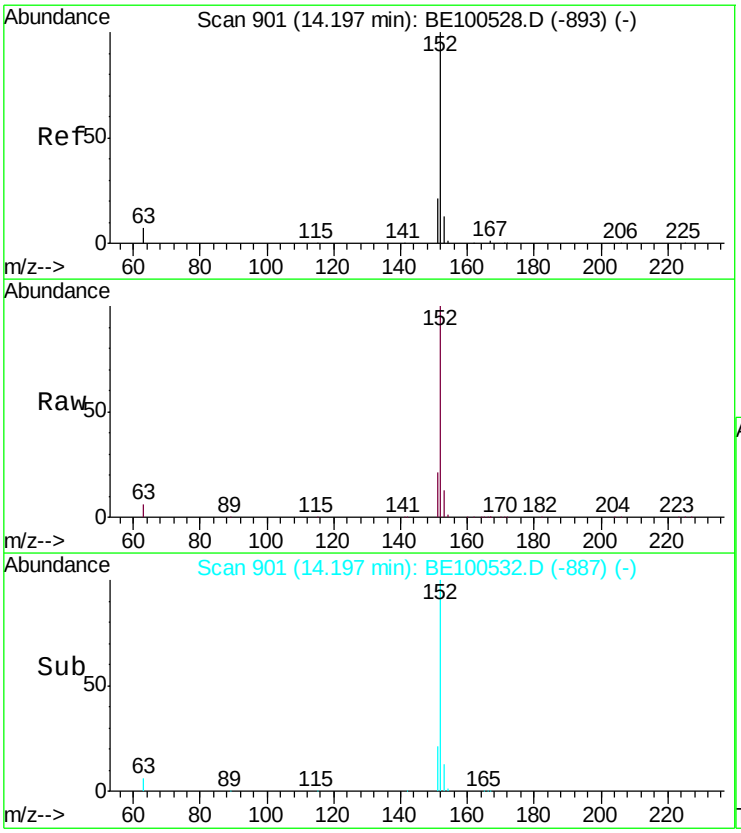
#15
2-Fluorobiphenyl
Concen: 5.268 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 348945

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.2	19.4	29.0

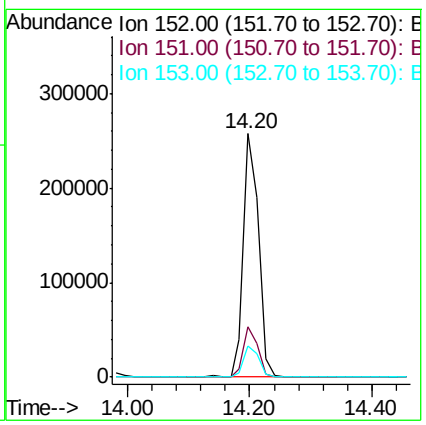


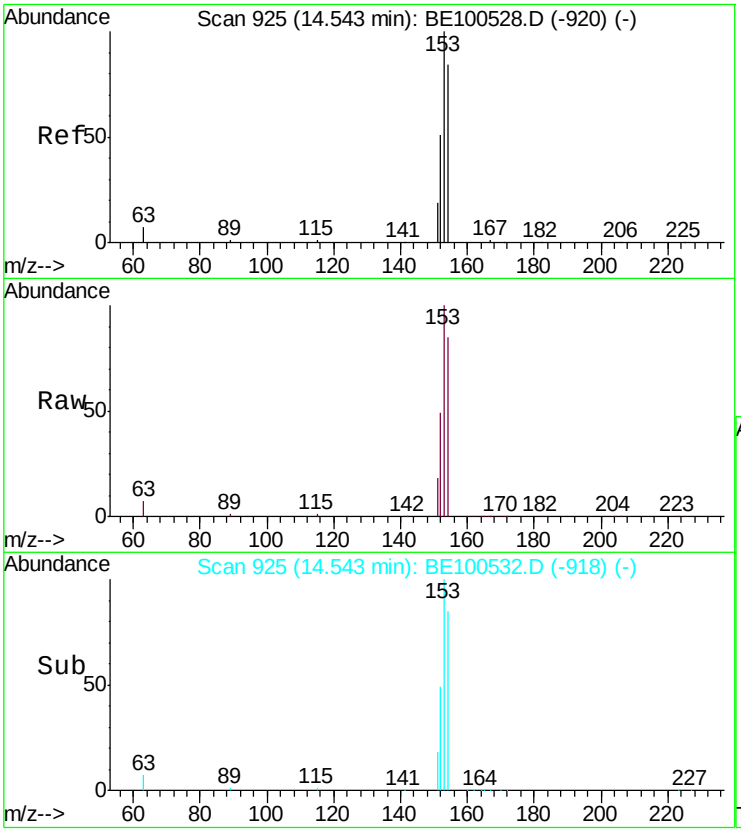


#16
Acenaphthylene
Concen: 5.616 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:152 Resp: 445272

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.7	16.1



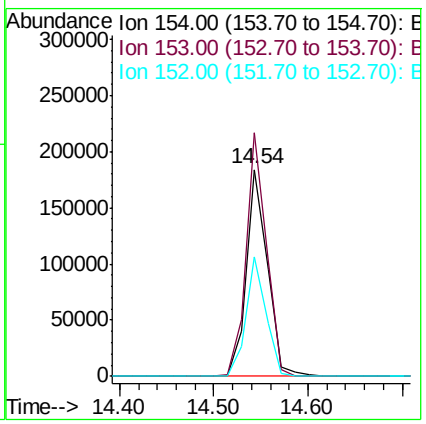


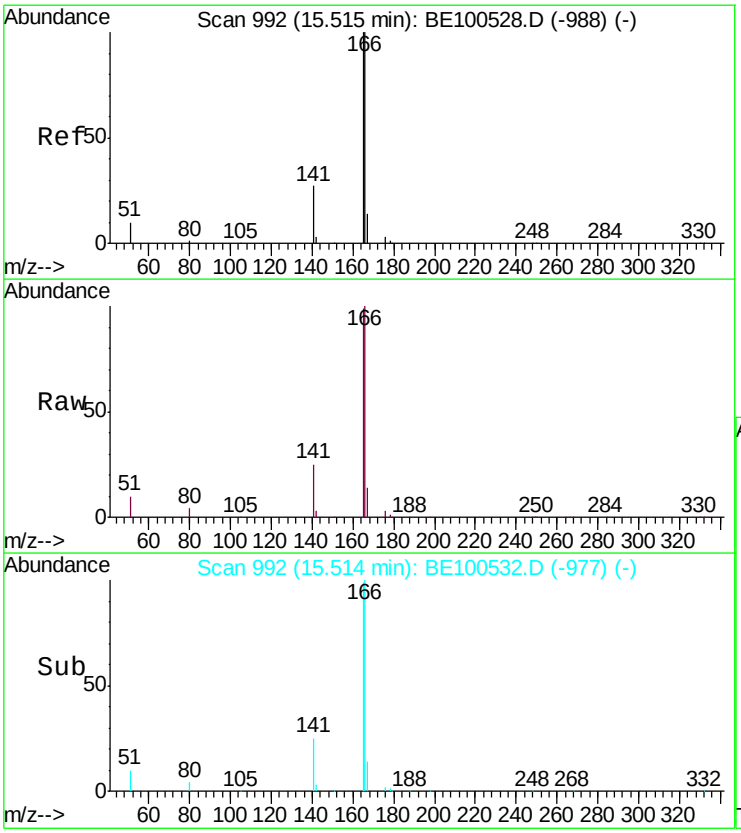
#17
Acenaphthene
Concen: 5.516 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 287674

Ion	Ratio	Lower	Upper
154	100		
153	113.0	93.7	140.5
152	55.3	47.3	70.9

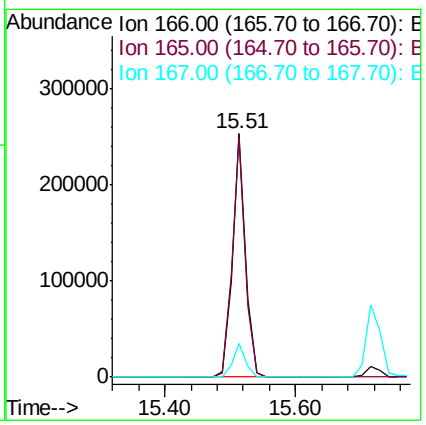


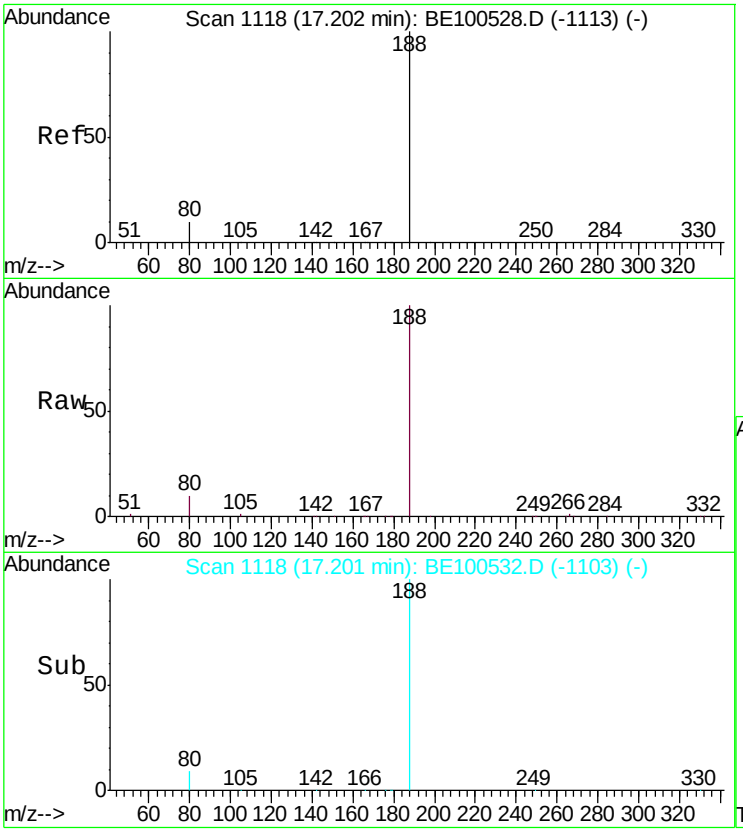


#18
Fluorene
Concen: 5.378 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:166 Resp: 357056

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.6	10.9	16.3



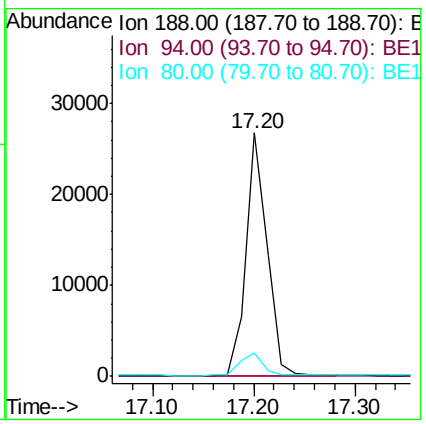


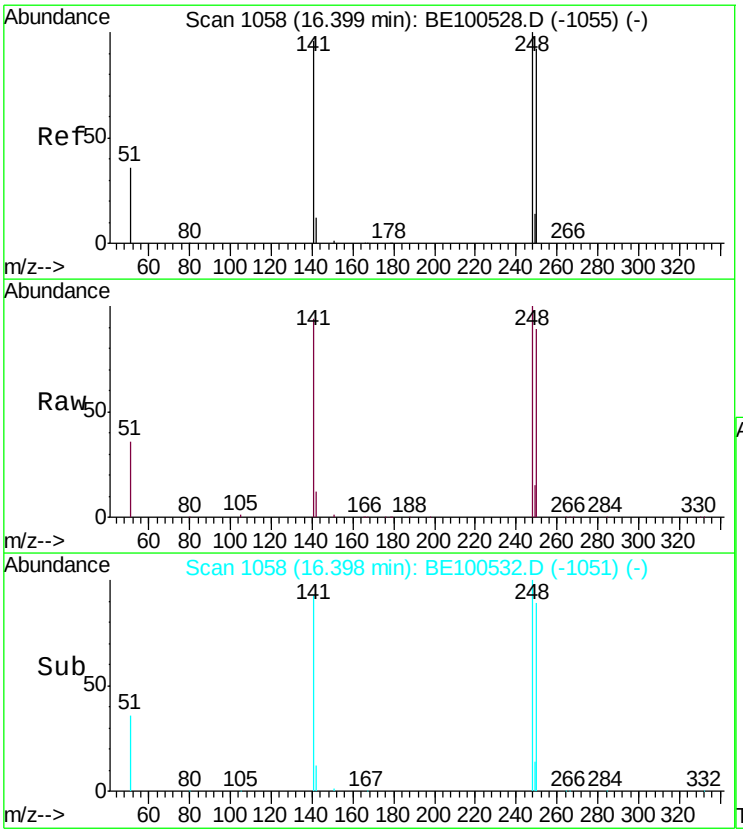
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 38829

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	8.0	12.0

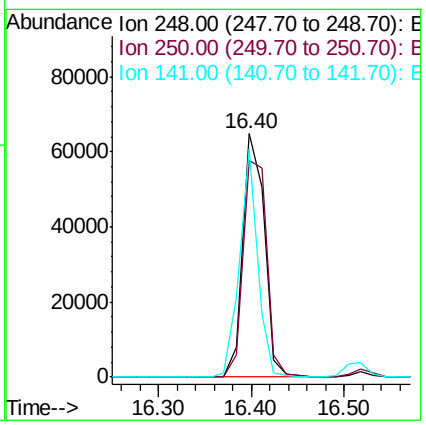


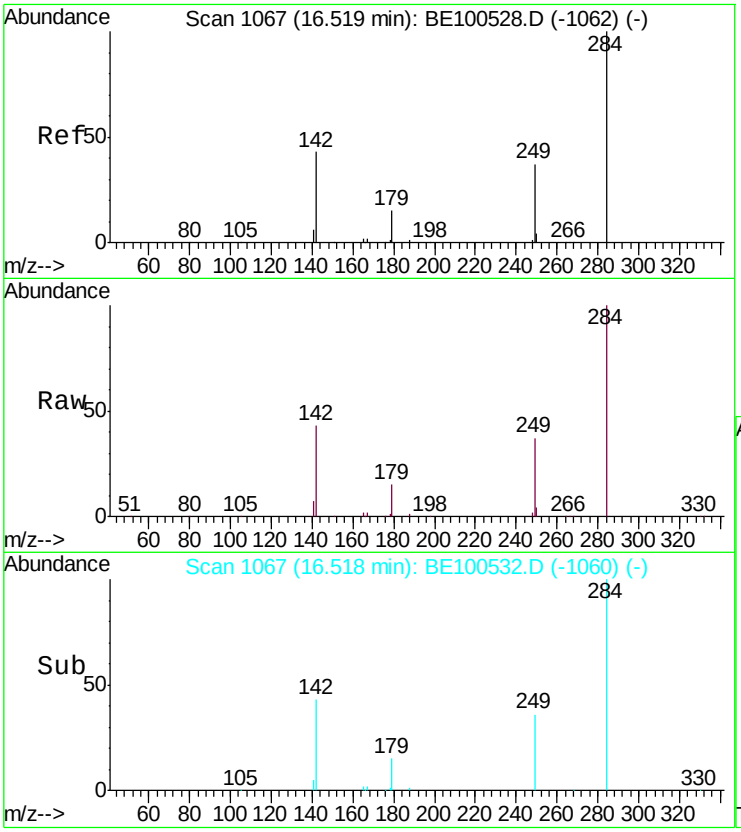


#20
4-Bromophenyl-phenylether
Concen: 5.836 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:248 Resp: 103692

Ion	Ratio	Lower	Upper
248	100		
250	89.0	73.5	110.3
141	93.5	77.0	115.4



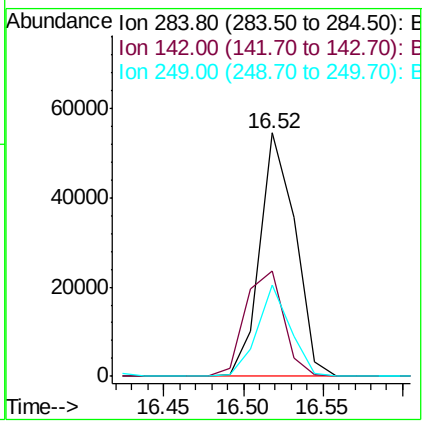


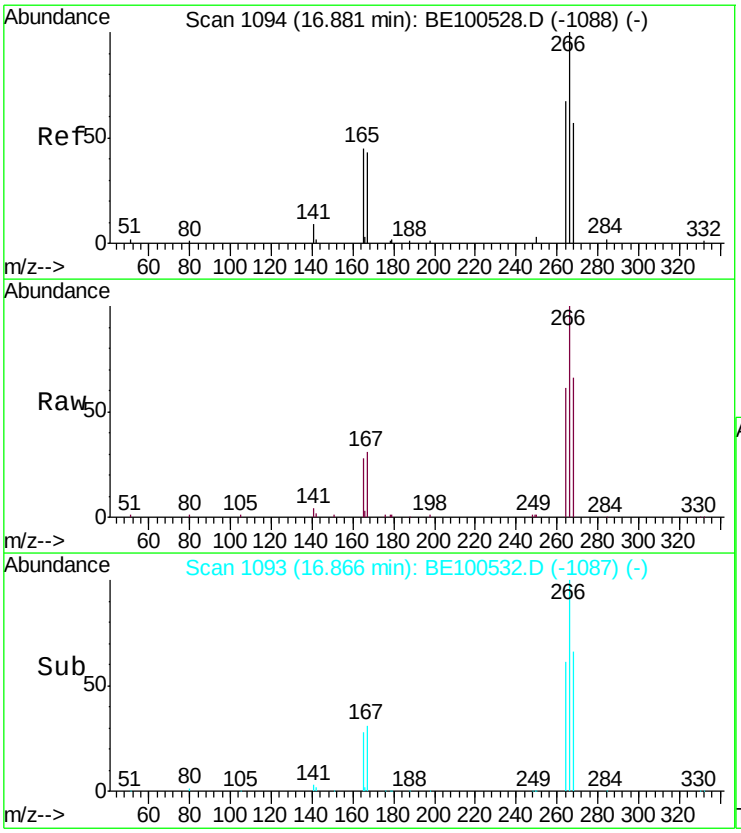
#21
Hexachlorobenzene
Concen: 5.517 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 83496

Ion	Ratio	Lower	Upper
284	100		
142	46.9	39.0	58.6
249	34.7	28.2	42.2

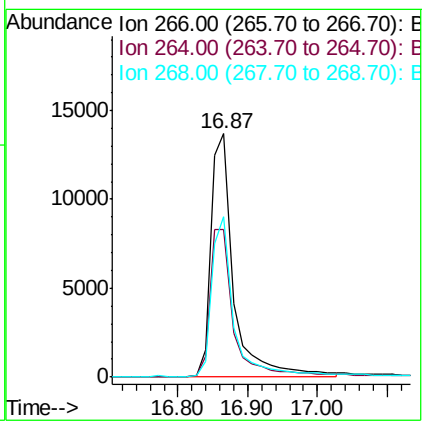


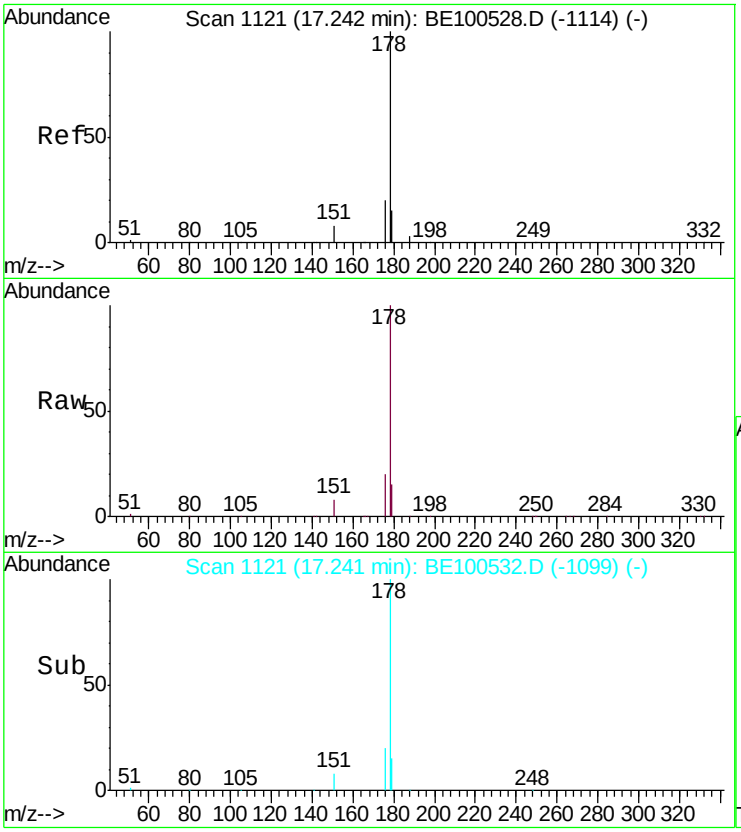


#22
Pentachlorophenol
Concen: 8.040 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:266 Resp: 30503

Ion	Ratio	Lower	Upper
266	100		
264	60.7	57.6	86.4
268	65.8	55.1	82.7



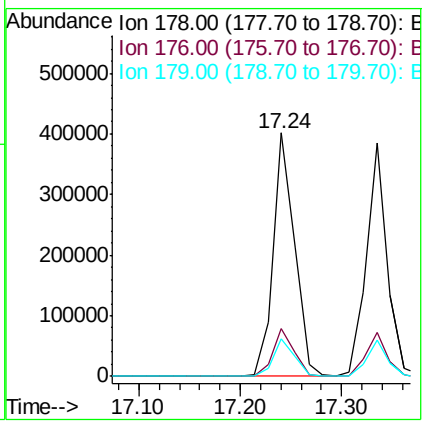


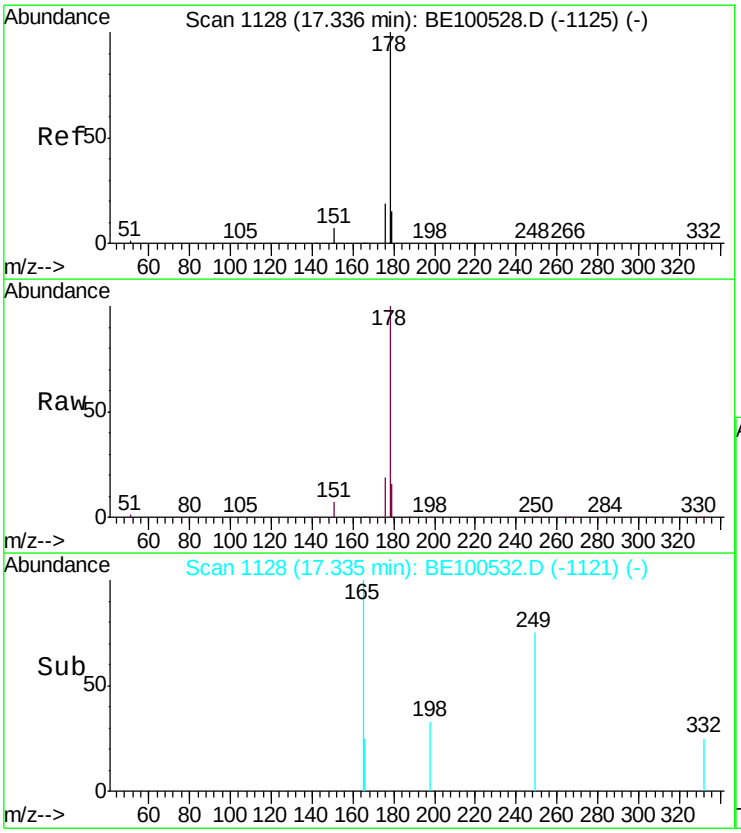
#23
Phenanthrene
Concen: 5.517 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 585946

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.6	18.8

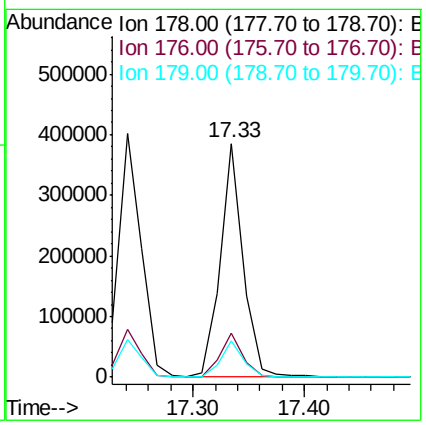


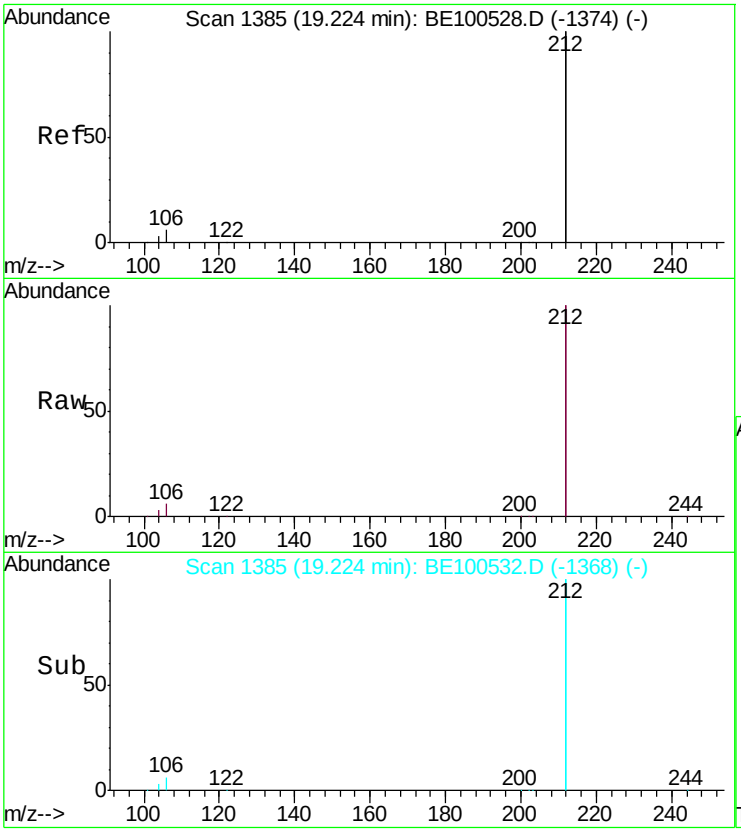


#24
Anthracene
Concen: 6.057 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:178 Resp: 546310

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.2	18.4



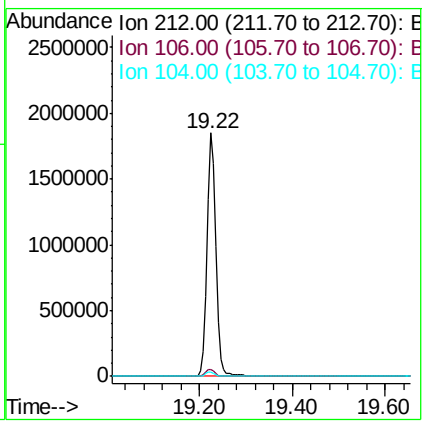


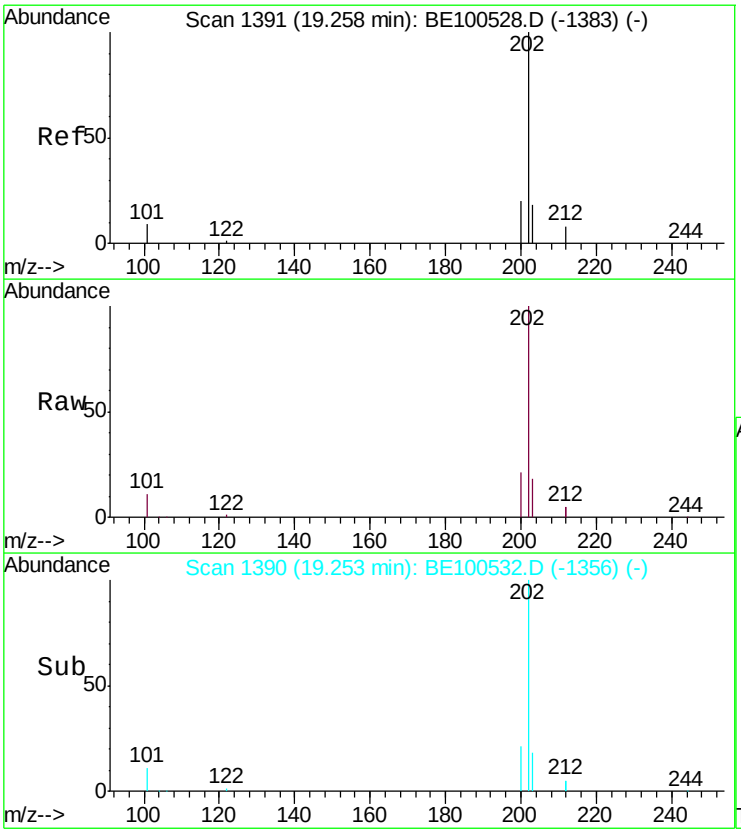
#25
Fluoranthene-d10
Concen: 5.362 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 2554307

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9

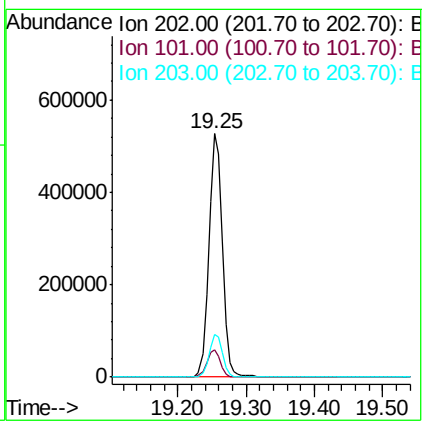


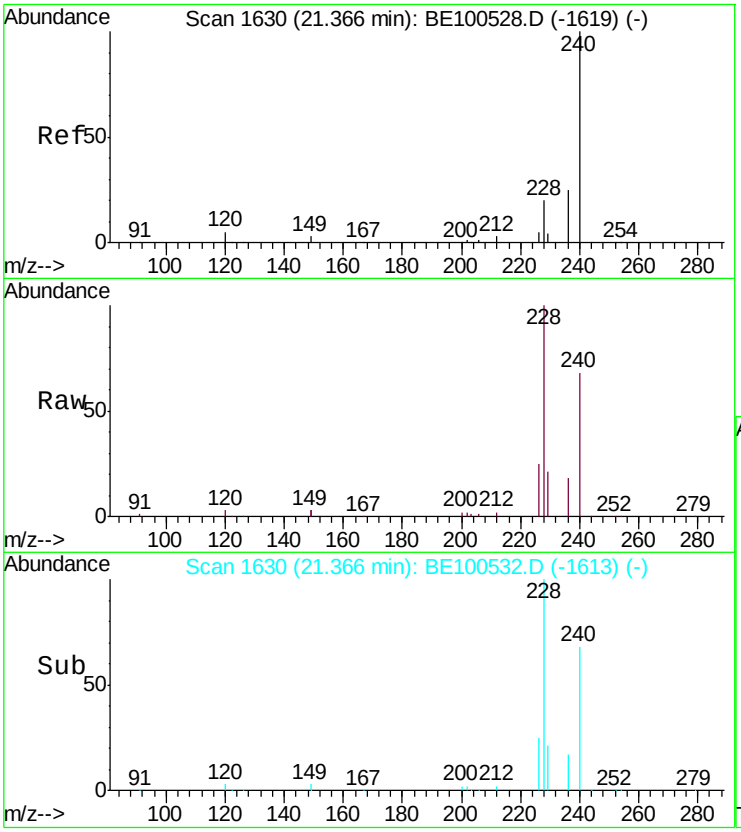


#26
Fluoranthene
Concen: 5.656 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:202 Resp: 726905

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
203	17.7	13.7	20.5



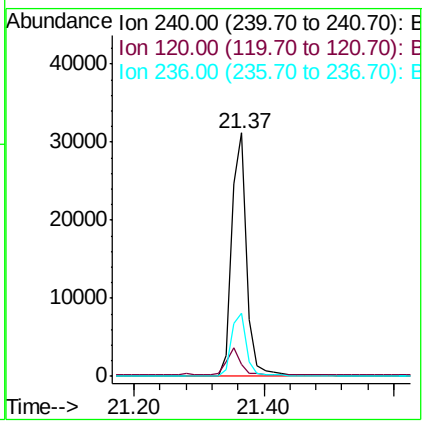


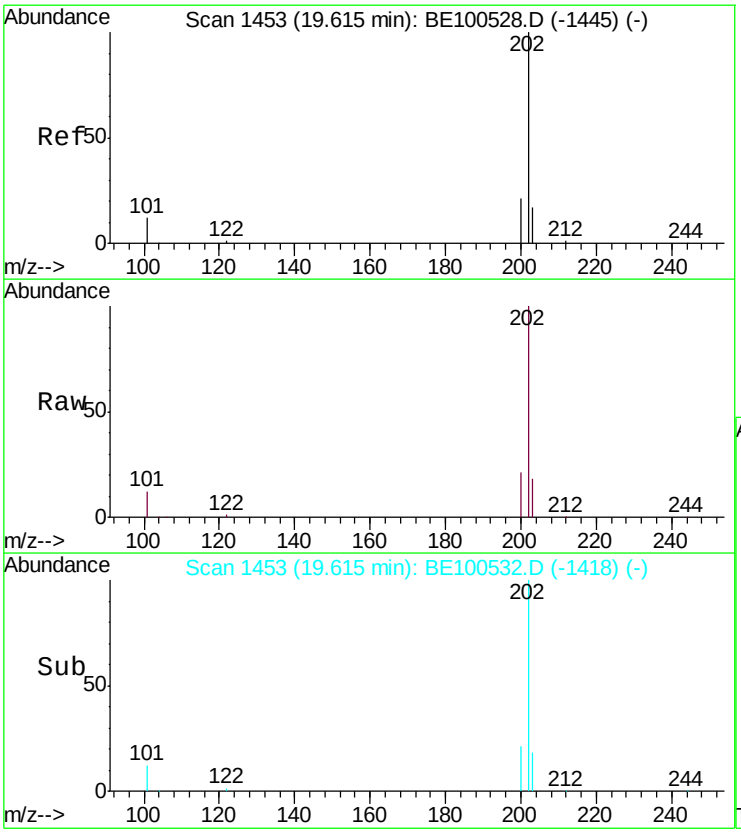
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 50188

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	25.8	20.6	30.8

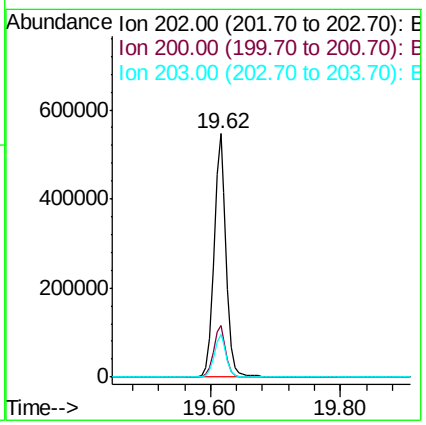


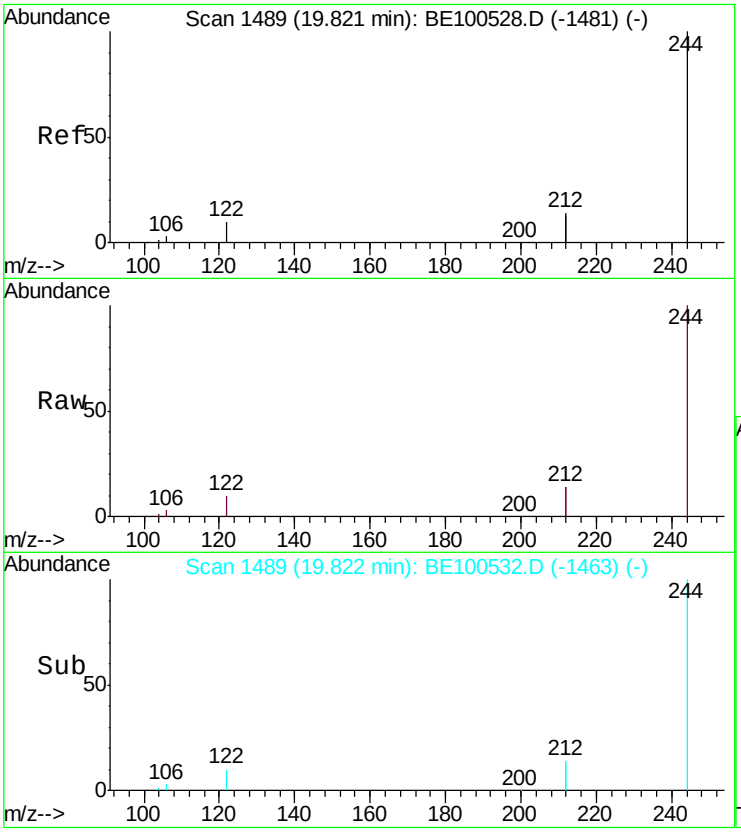


#28
Pyrene
Concen: 5.115 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:202 Resp: 725062

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.7	14.0	21.0



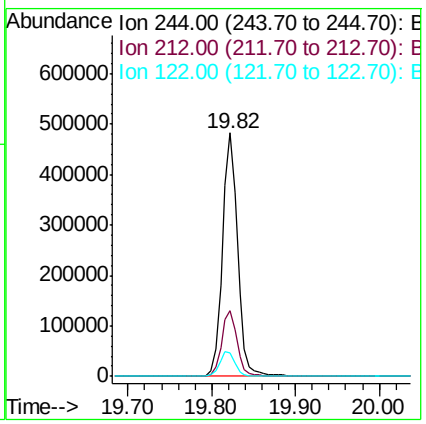


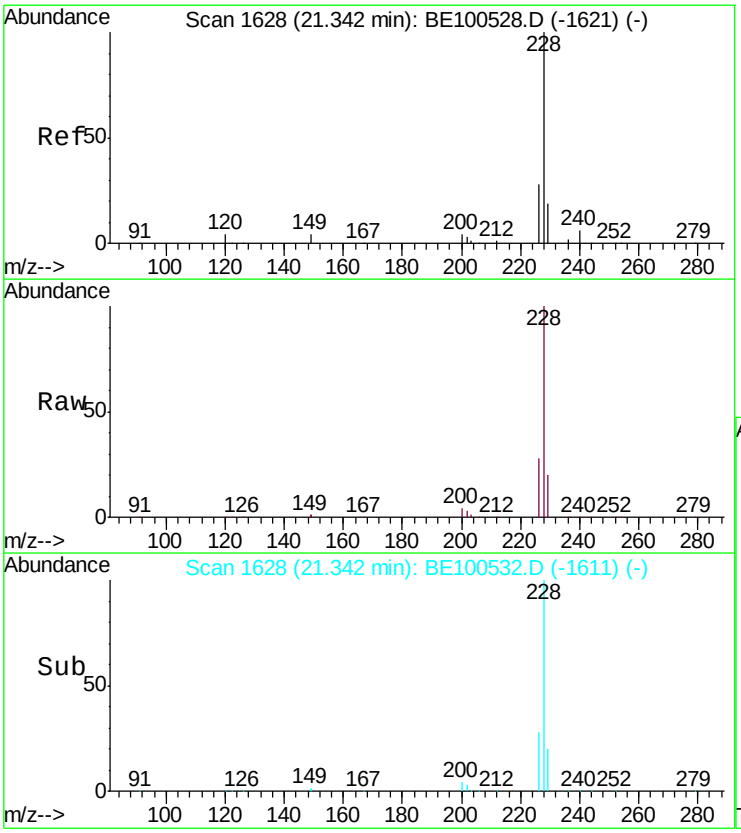
#29
Terphenyl-d14
Concen: 5.205 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 606834

Ion	Ratio	Lower	Upper
244	100		
212	27.2	22.2	33.2
122	9.6	8.3	12.5

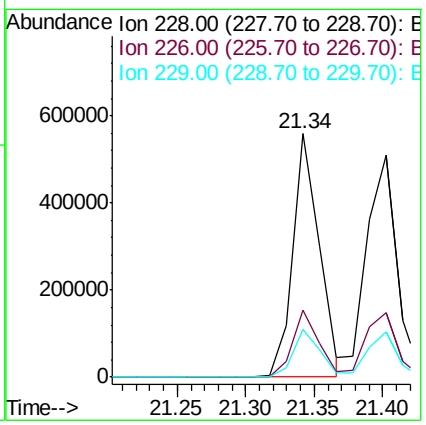


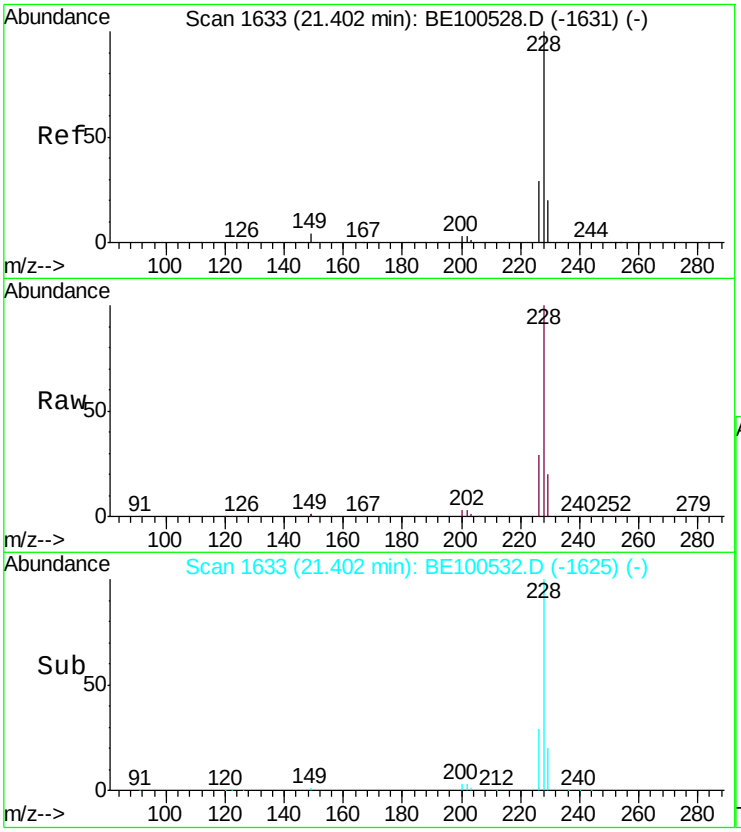


#30
Benzo(a)anthracene
Concen: 5.387 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:228 Resp: 746289

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	19.8	15.4	23.2



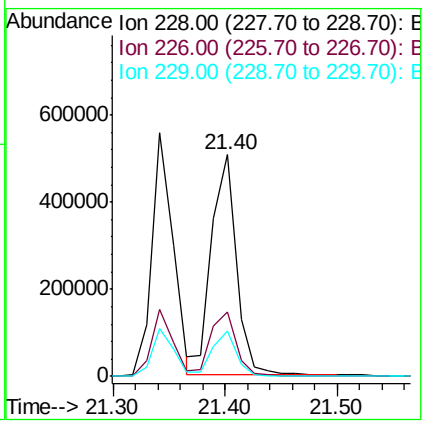


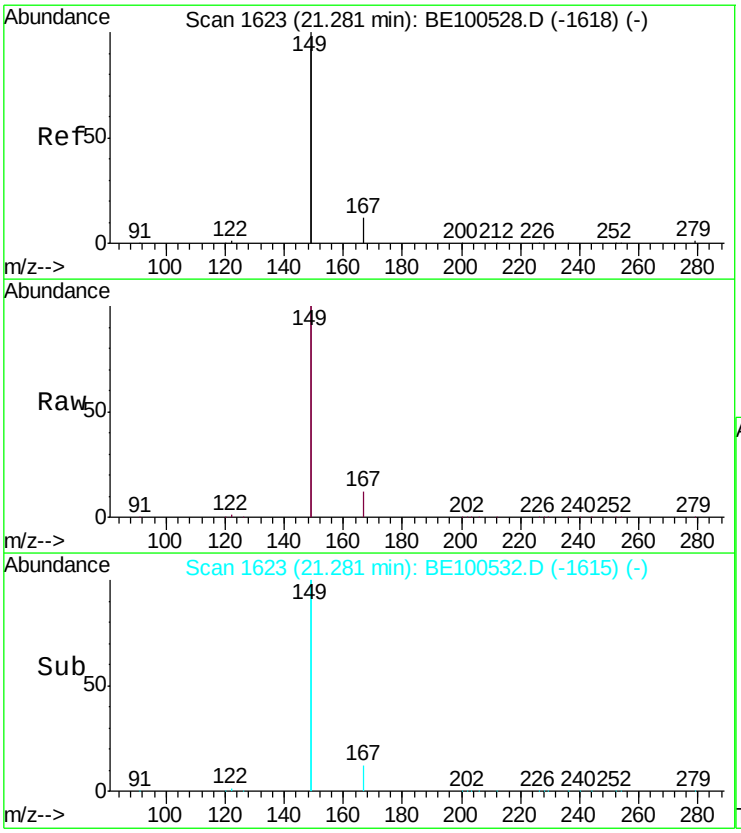
#31
Chrysene
Concen: 5.312 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 780062

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	20.3	16.3	24.5

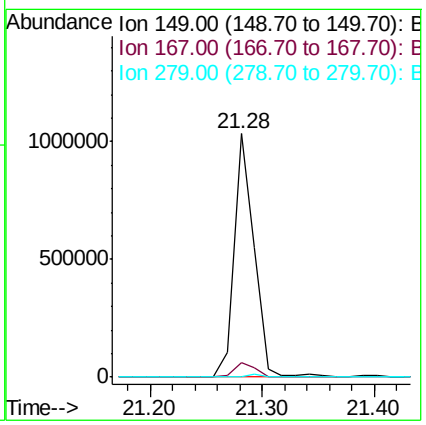


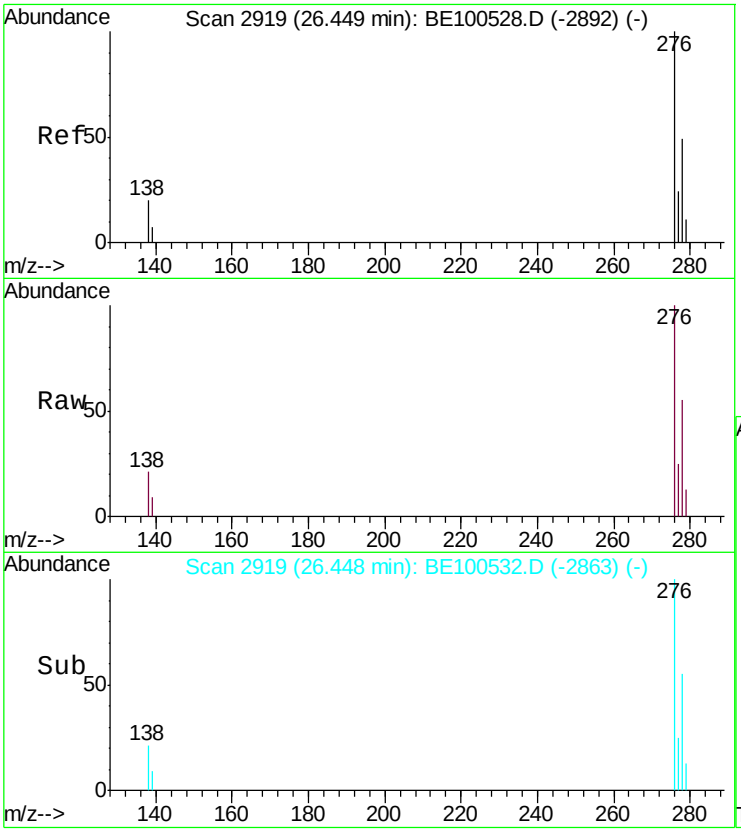


#32
Bis(2-ethylhexyl)phthalate
Concen: 7.635 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:149 Resp: 1266984

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.1	1.0	1.4



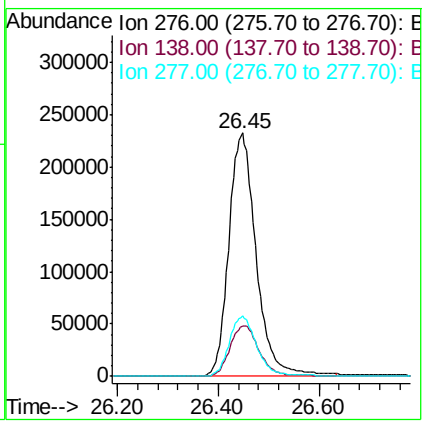


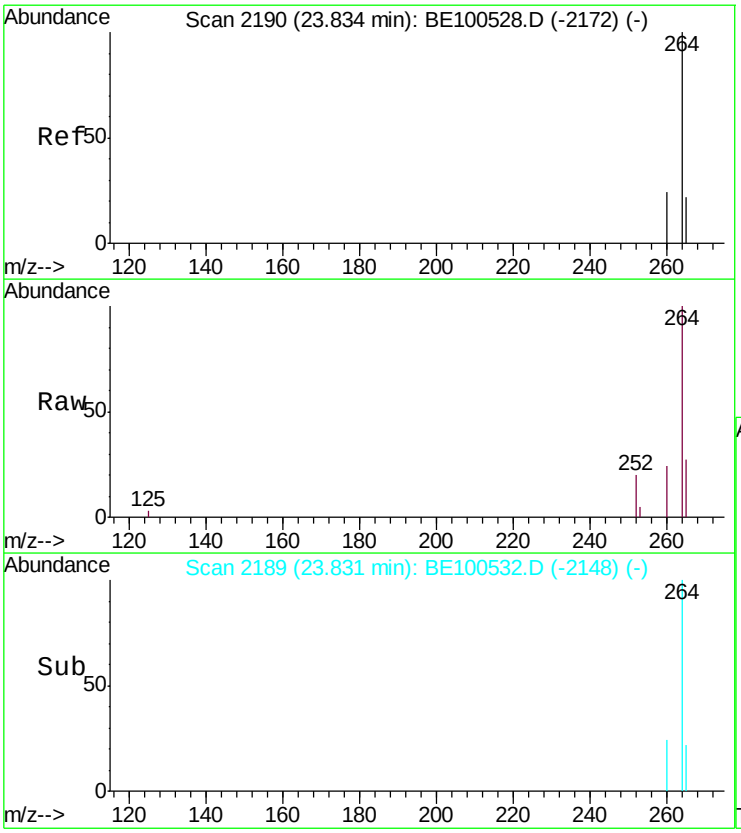
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.060 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 878731

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.7	26.5
277	25.1	19.9	29.9

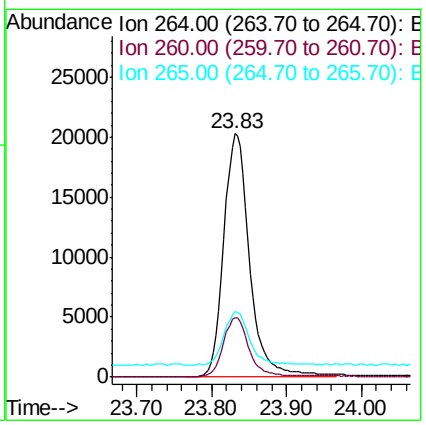


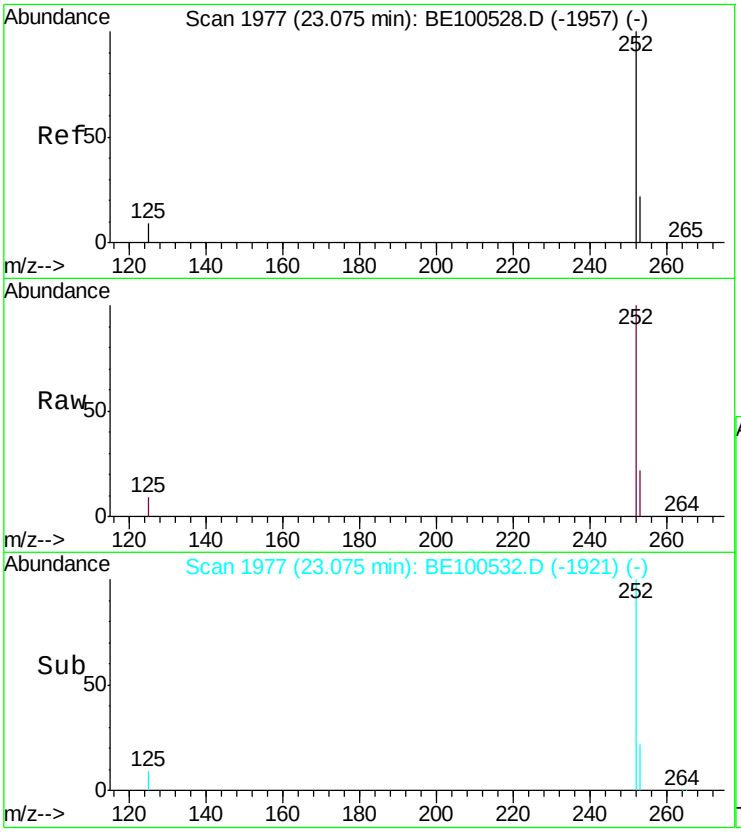


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:264 Resp: 48268

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	26.9	21.8	32.8



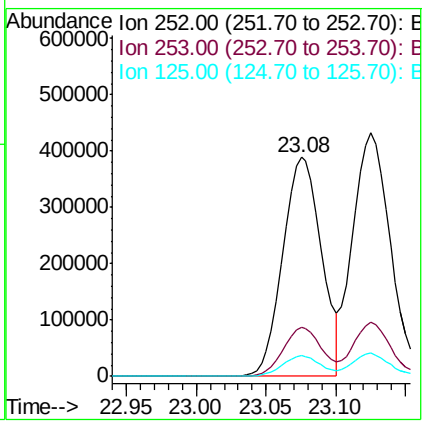


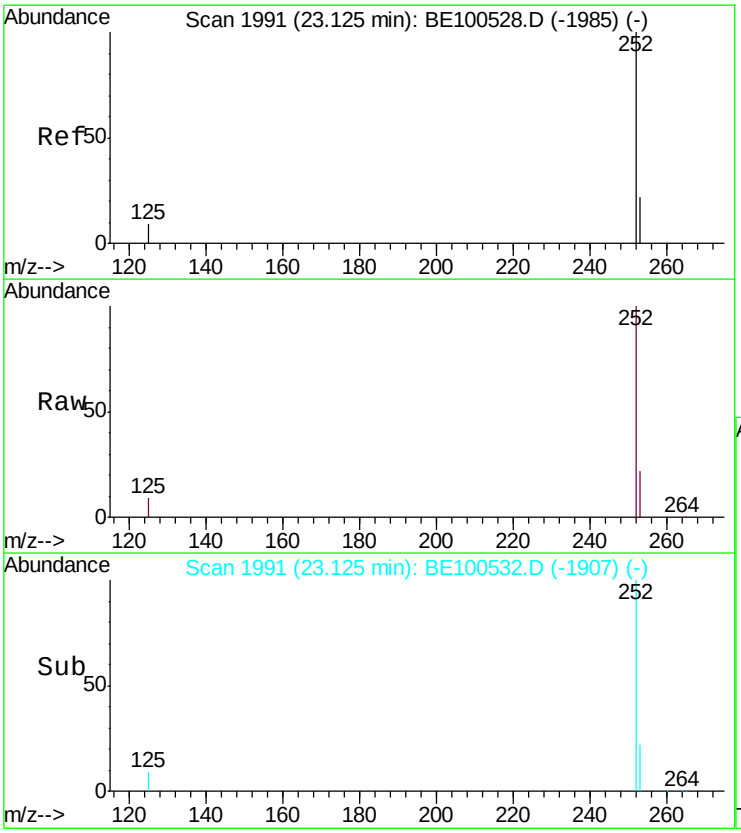
#35
Benzo(b)fluoranthene
Concen: 5.927 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 750134

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.4	8.0	12.0

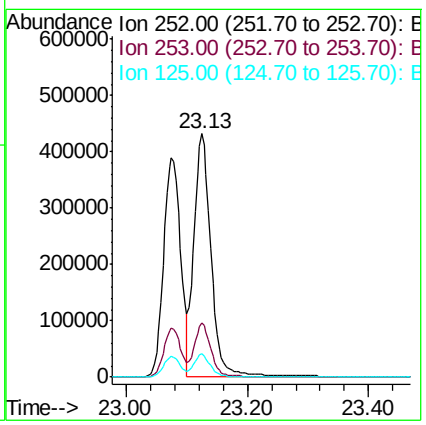


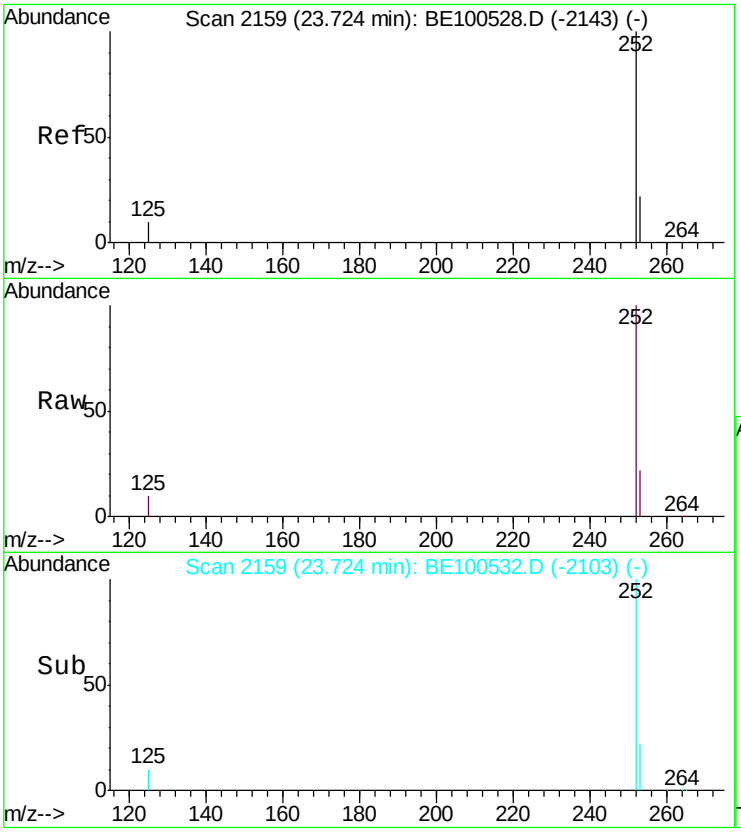


#36
Benzo(k)fluoranthene
Concen: 5.708 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:252 Resp: 840981

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.4	8.5	12.7



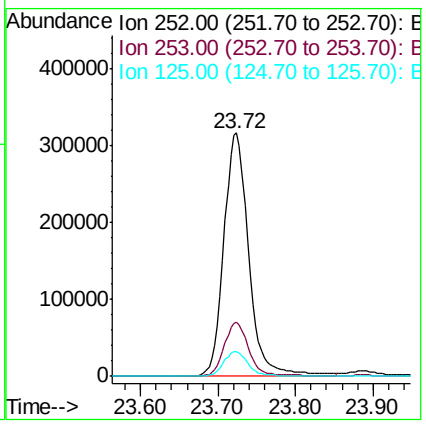


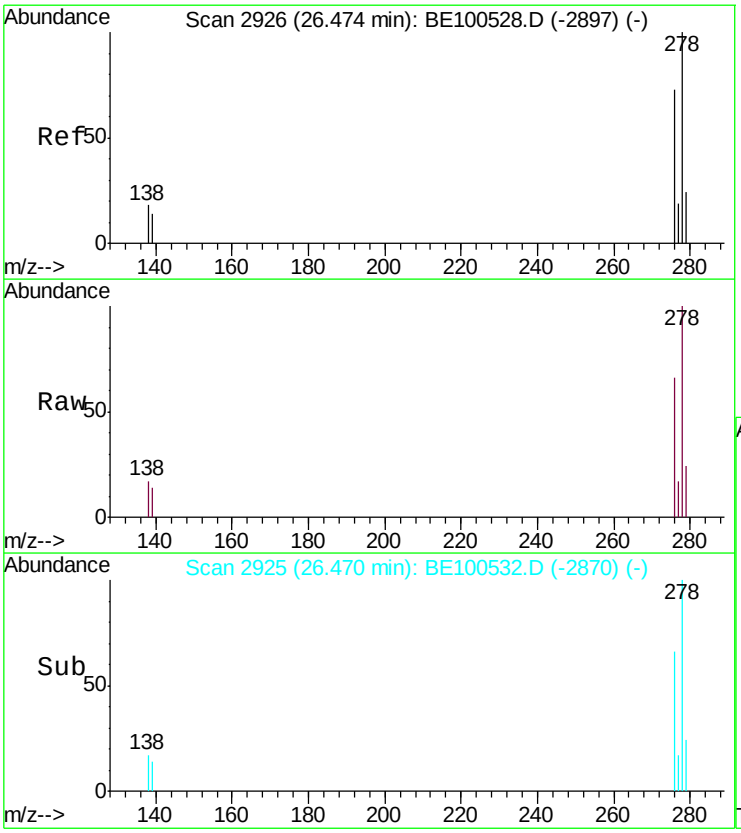
#37
Benzo(a)pyrene
Concen: 5.816 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 702033

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.2	9.2	13.8

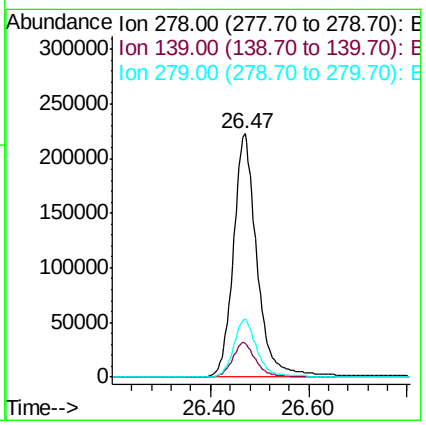


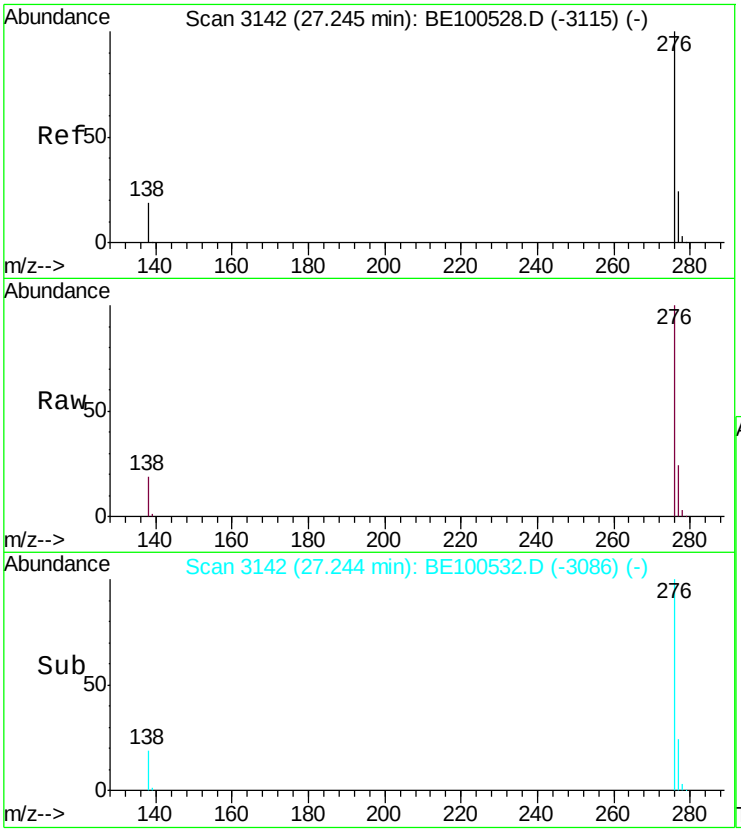


#38
Dibenzo(a,h)anthracene
Concen: 5.925 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:278 Resp: 738922

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.6	17.4
279	23.8	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 5.592 ng
RT: 27.24 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 719564

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	19.3	15.7	23.5