Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092019\
Data File : BE100529.D
Acq On : 20 Sep 2019 15:48
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Sep 20 16:35:22 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	6671	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	30474	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	17357	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	37463	0.40	ng		0.00
27) Chrysene-d12	21.37	240	43607	0.40	ng		0.00
34) Perylene-d12	23.83	264	46679	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	11823	0.68	ng		0.00
5) Phenol-d6	7.02	99	16183	0.70	ng		0.00
8) Nitrobenzene-d5	9.00	82	13022	0.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	34367	0.75	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	2263	0.68	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	47669	0.79	ng		0.00
25) Fluoranthene-d10	19.22	212	331985	0.72	ng		0.00
29) Terphenyl-d14	19.82	244	79703	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	7117	0.690	ng		95
3) n-Nitrosodimethylamine	3.67	42	3910	0.674	ng	#	98
6) bis(2-Chloroethyl)ether	7.29	93	16102	0.746	ng		90
9) Naphthalene	10.69	128	240438	0.778	ng		100
10) Hexachlorobutadiene	10.99	225	7626	0.784	ng		99
12) 2-Methylnaphthalene	12.31	142	38085	0.764	ng		100
16) Acenaphthylene	14.20	152	53414	0.741	ng		99
17) Acenaphthene	14.54	154	36871	0.778	ng		98
18) Fluorene	15.51	166	46040	0.763	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	13398	0.781	ng		95
21) Hexachlorobenzene	16.52	284	11703	0.801	ng		97
22) Pentachlorophenol	16.87	266	2068	0.565	ng		99
23) Phenanthrene	17.24	178	78961	0.771	ng		99
24) Anthracene	17.33	178	65325	0.751	ng		99
26) Fluoranthene	19.25	202	95877	0.773	ng		99
28) Pyrene	19.62	202	95656	0.777	ng		100
30) Benzo(a)anthracene	21.34	228	85730	0.712	ng		99
31) Chrysene	21.40	228	104884	0.822	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	95970	0.666	ng		100
33) Indeno(1,2,3-cd)pyrene	26.45	276	112728	0.747	ng		100
35) Benzo(b)fluoranthene	23.07	252	97242	0.795	ng		99
36) Benzo(k)fluoranthene	23.12	252	111727	0.784	ng		99
37) Benzo(a)pyrene	23.73	252	89305	0.765	ng		99
38) Dibenzo(a,h)anthracene	26.47	278	92982	0.771	ng		99
39) Benzo(g,h,i)perylene	27.24	276	97320	0.782	ng		99

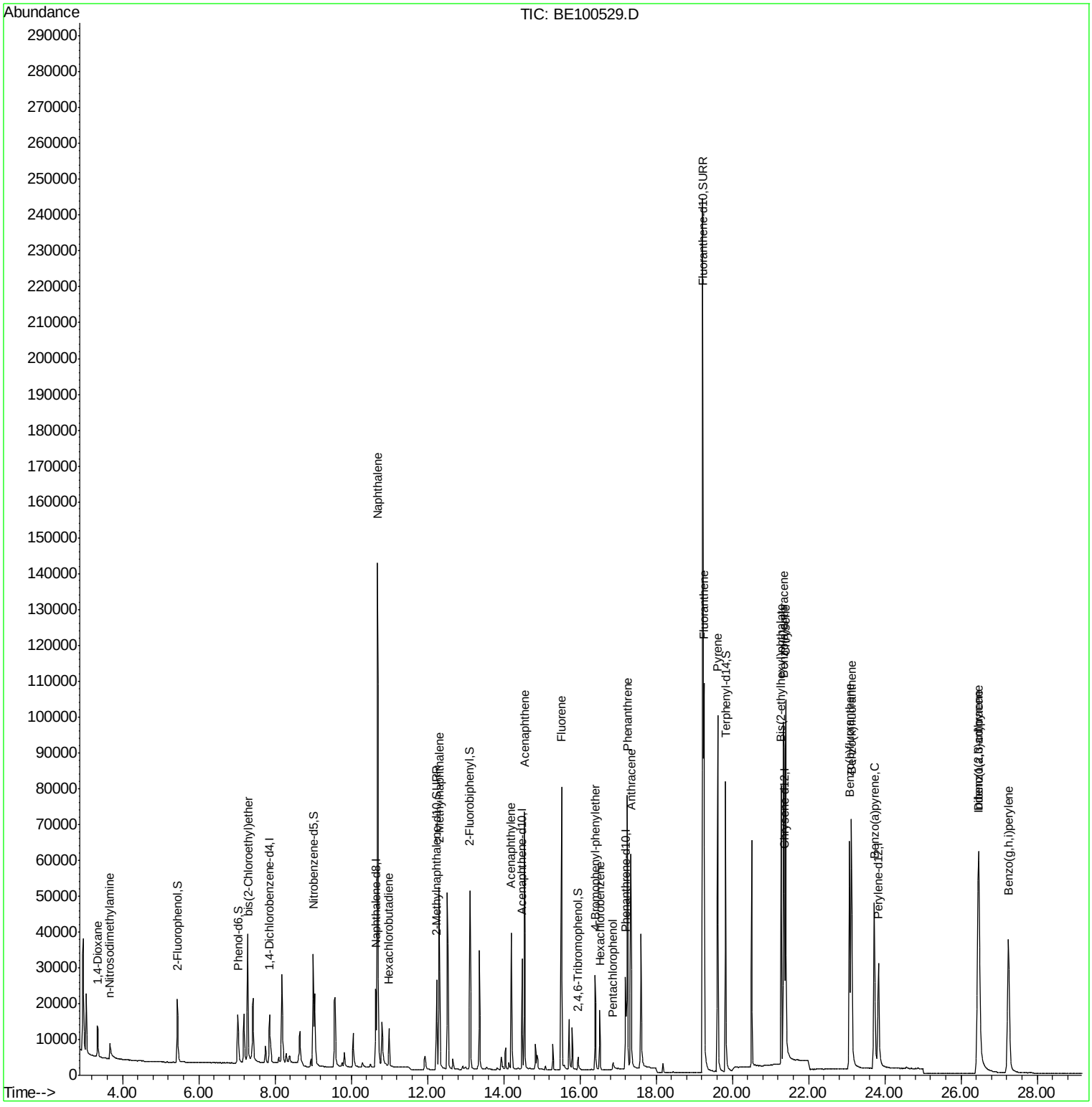
(#) = qualifier out of range (m) = manual integration (+) = signals summed

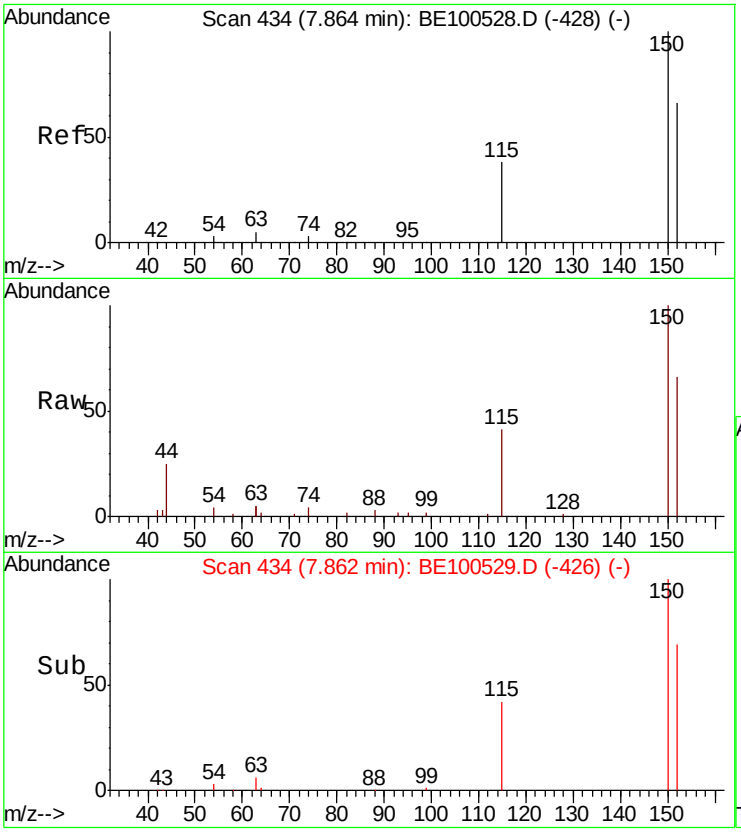
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092019\
Data File : BE100529.D
Acq On : 20 Sep 2019 15:48
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 20 16:35:22 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



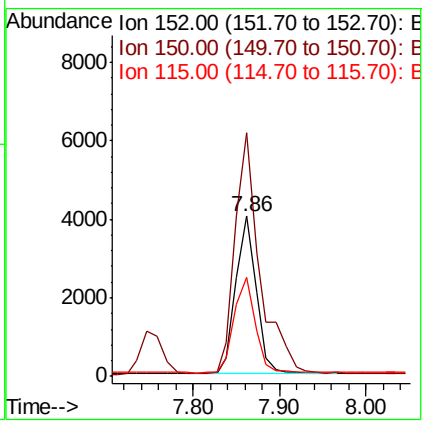


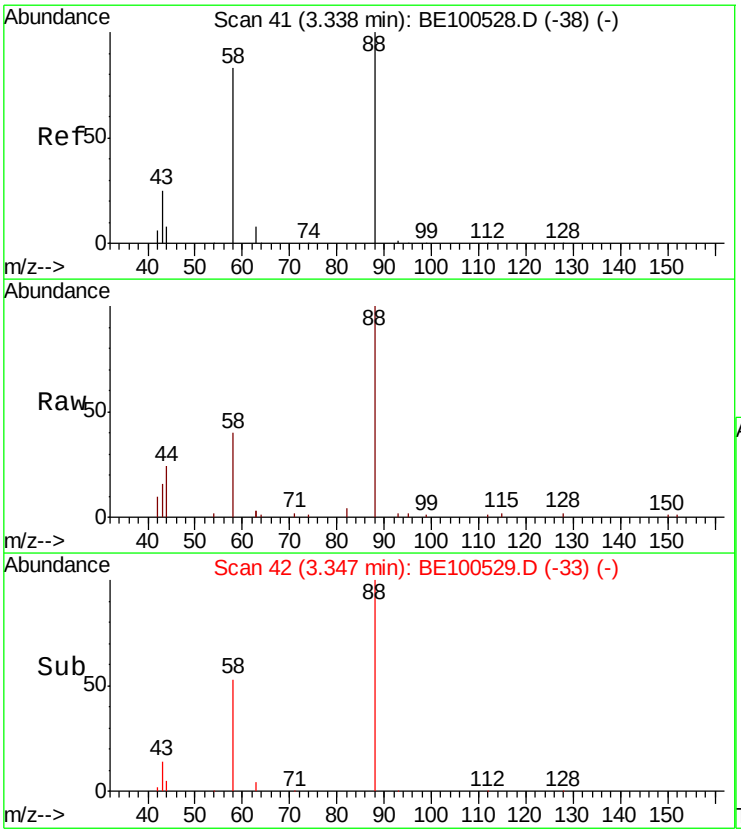
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6671

Ion	Ratio	Lower	Upper
152	100		
150	152.3	121.6	182.4
115	61.9	48.2	72.4

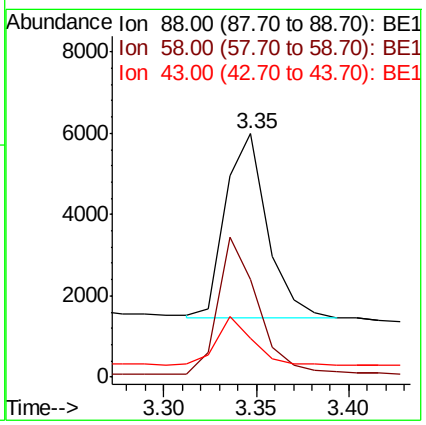


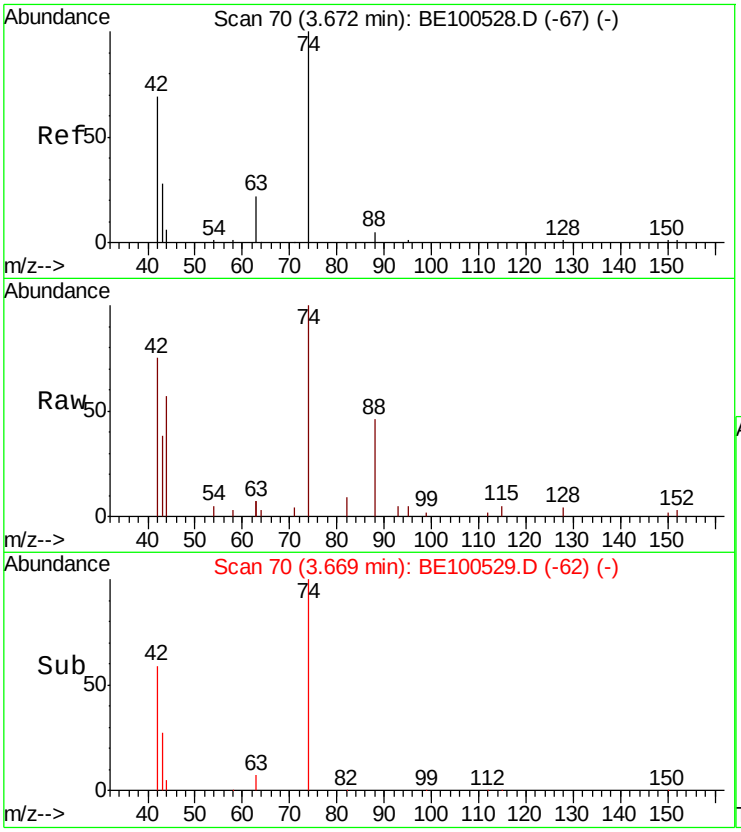


#2
1,4-Dioxane
Concen: 0.690 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion: 88 Resp: 7117

Ion	Ratio	Lower	Upper
88	100		
58	71.0	53.3	79.9
43	22.4	16.9	25.3



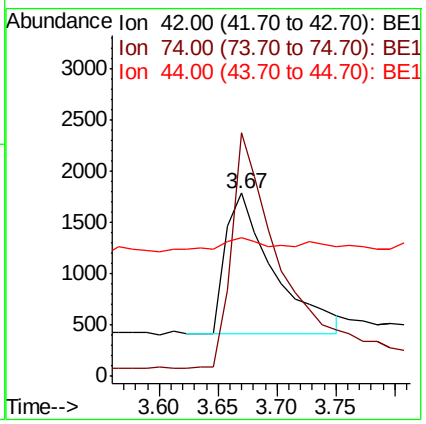


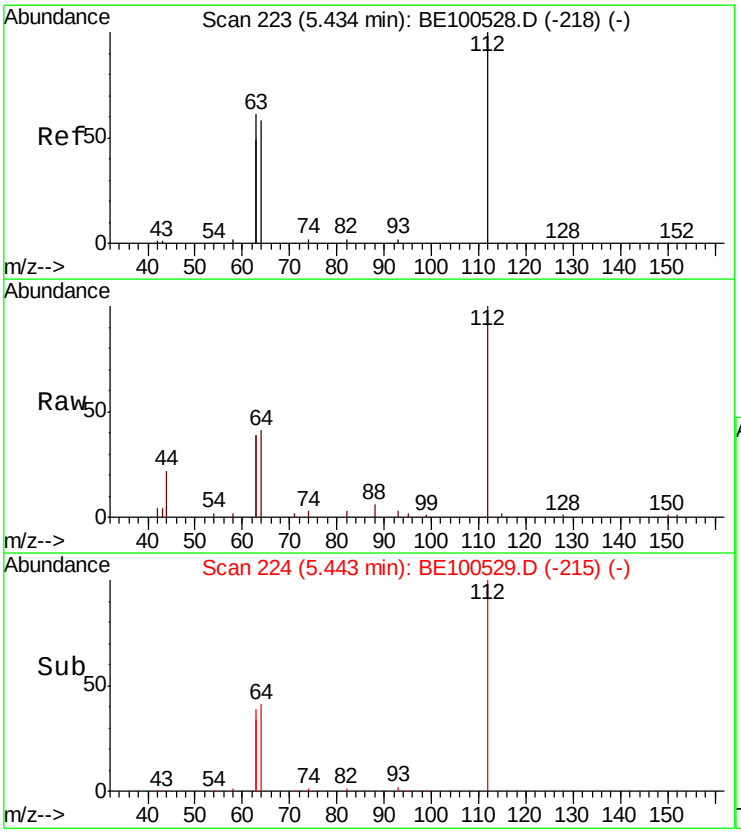
#3
n-Nitrosodimethylamine
Concen: 0.674 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3910

Ion	Ratio	Lower	Upper
42	100		
74	165.2	133.8	200.6
44	11.8	6.4	9.6#

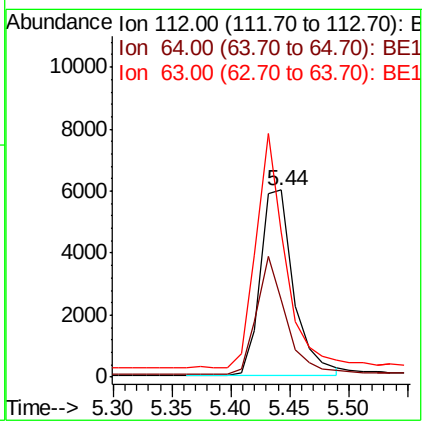


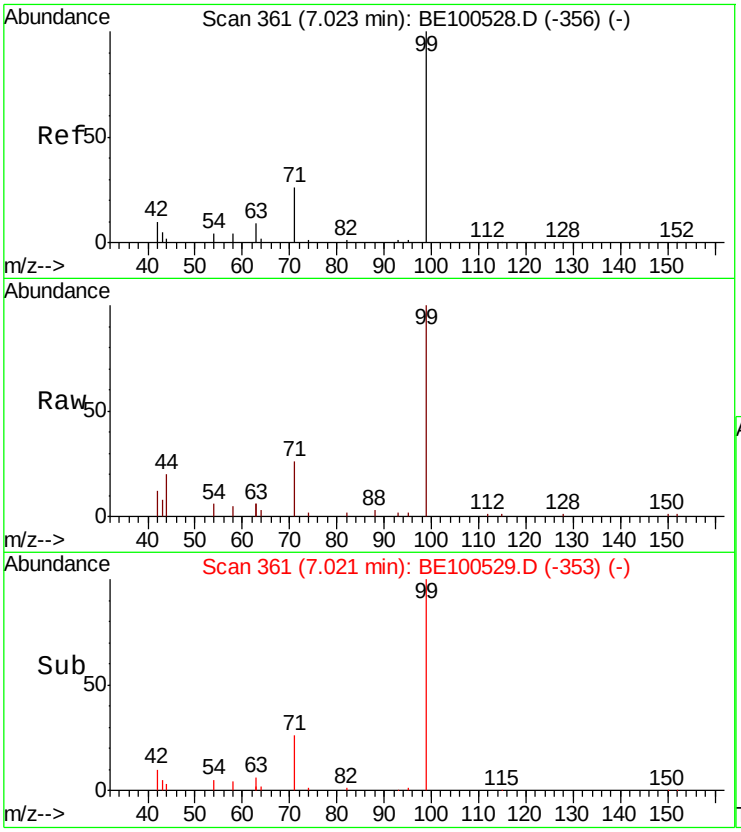


#4
2-Fluorophenol
Concen: 0.677 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:112 Resp: 11823

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.1	66.1
63	110.4	86.5	129.7



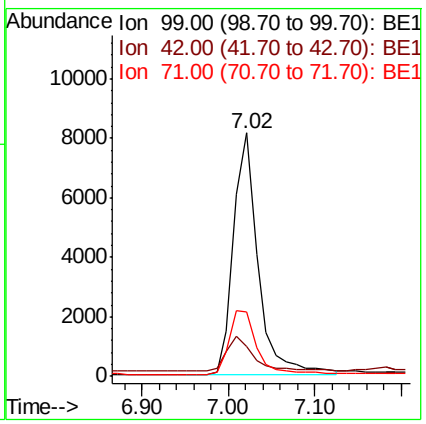


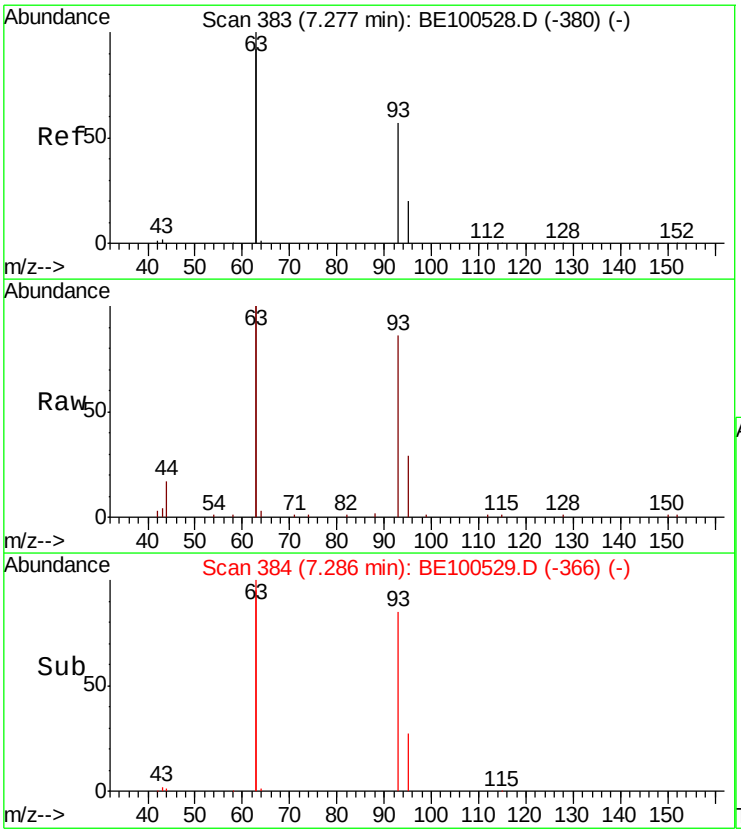
#5
Phenol-d6
Concen: 0.698 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 16183

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.0	19.6
71	29.3	23.4	35.0

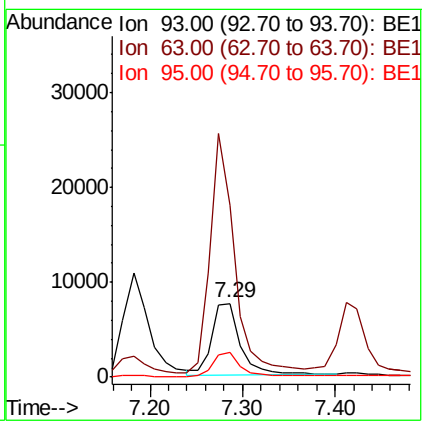


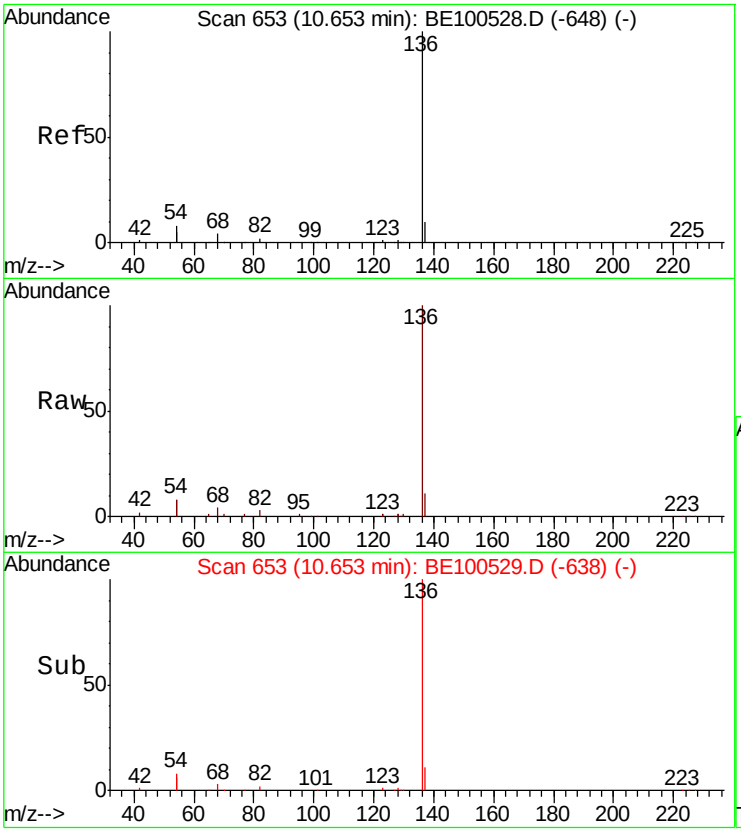


#6
bis(2-Chloroethyl)ether
Concen: 0.746 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.01 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion: 93 Resp: 16102

Ion	Ratio	Lower	Upper
93	100		
63	285.6	213.4	320.0
95	31.3	23.7	35.5



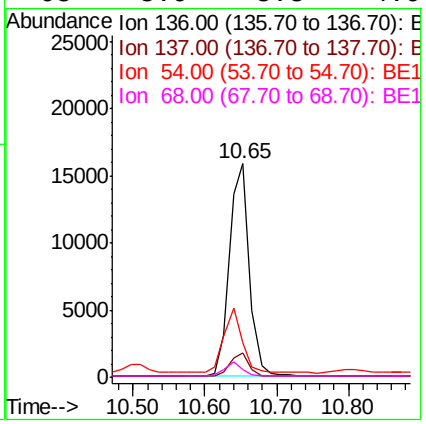


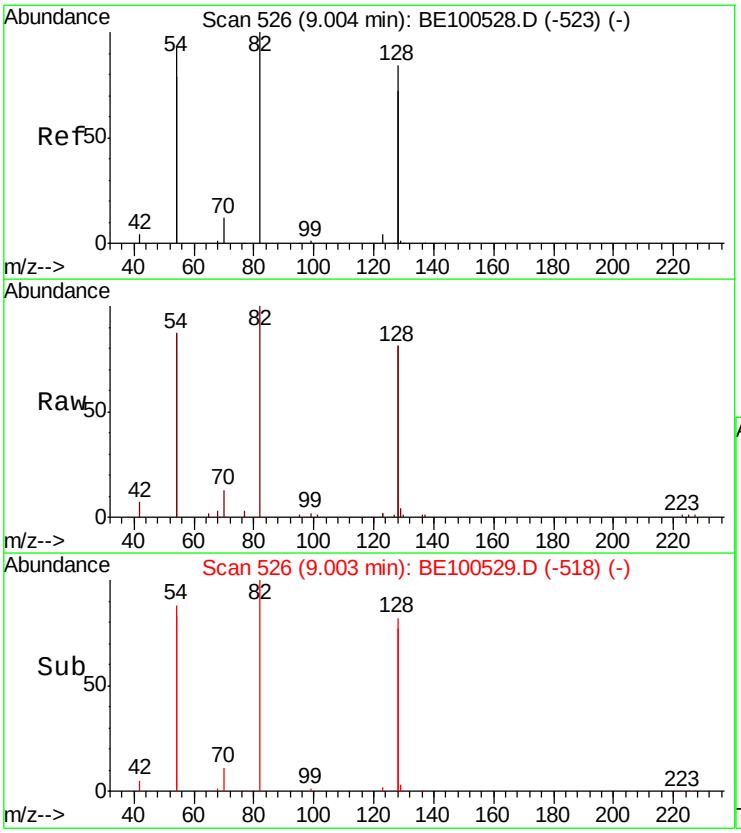
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 30474

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	16.1	12.4	18.6
68	3.9	3.3	4.9

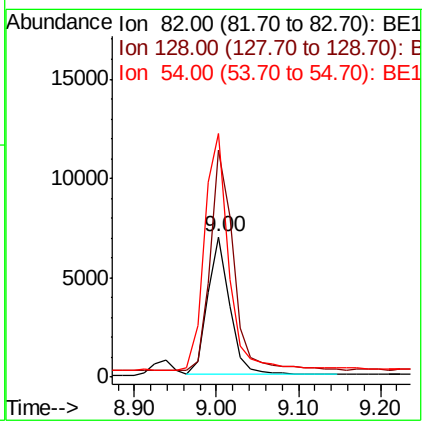


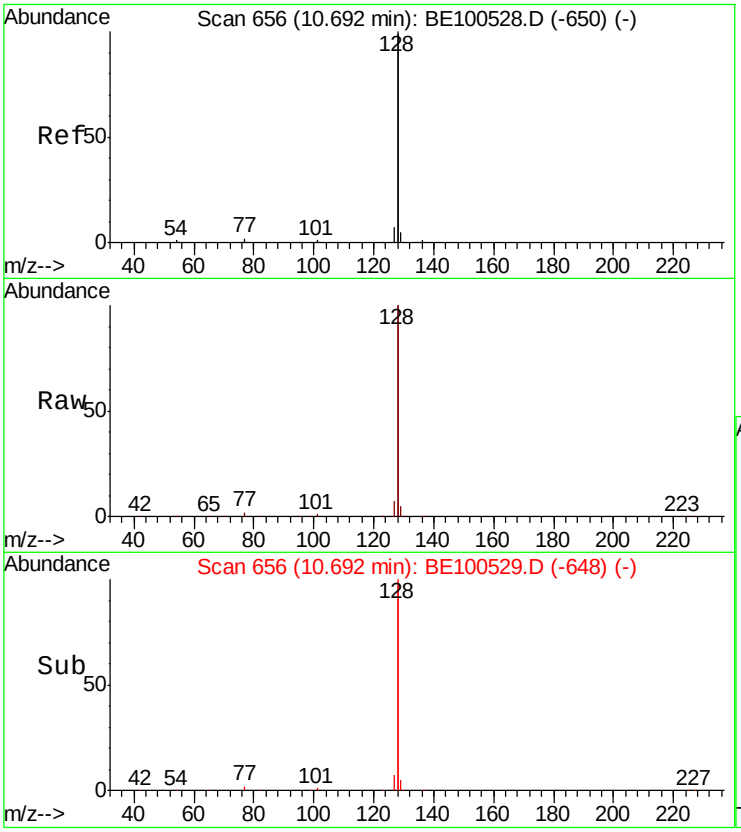


#8
Nitrobenzene-d5
Concen: 0.777 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion: 82 Resp: 13022

Ion	Ratio	Lower	Upper
82	100		
128	161.7	129.4	194.2
54	173.2	143.3	214.9



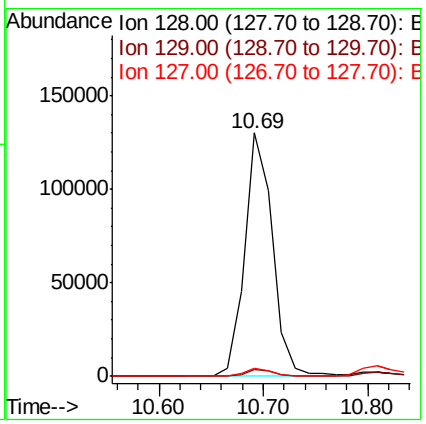


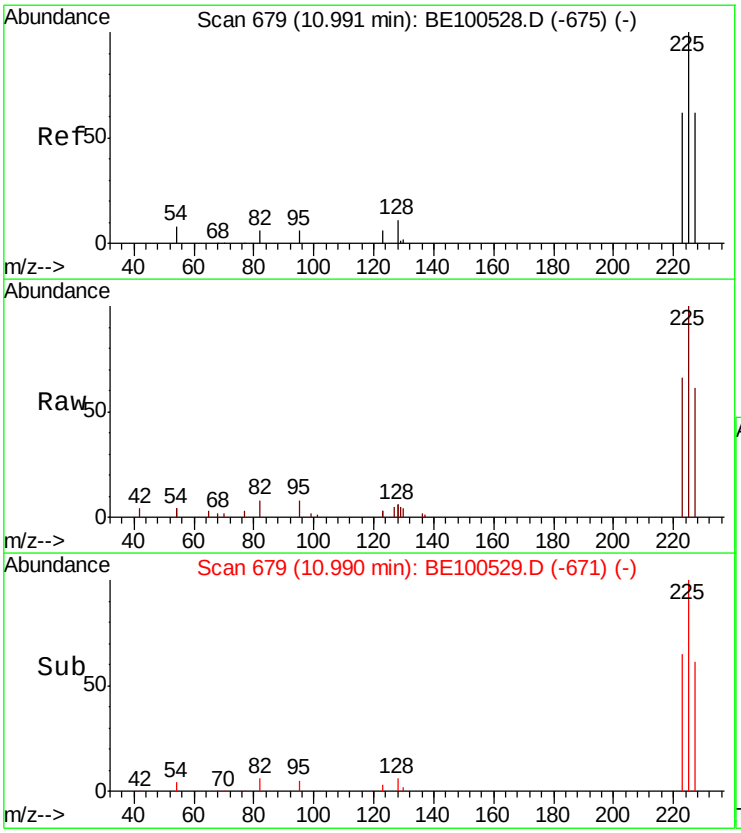
#9
Naphthalene
Concen: 0.778 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 240438

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

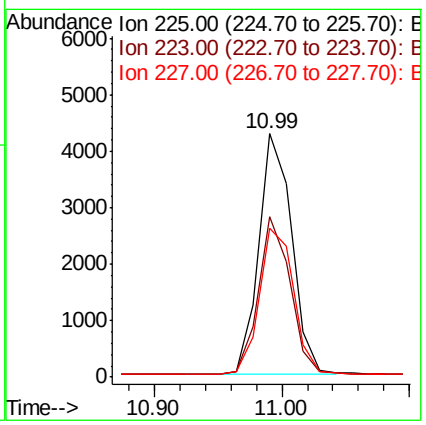


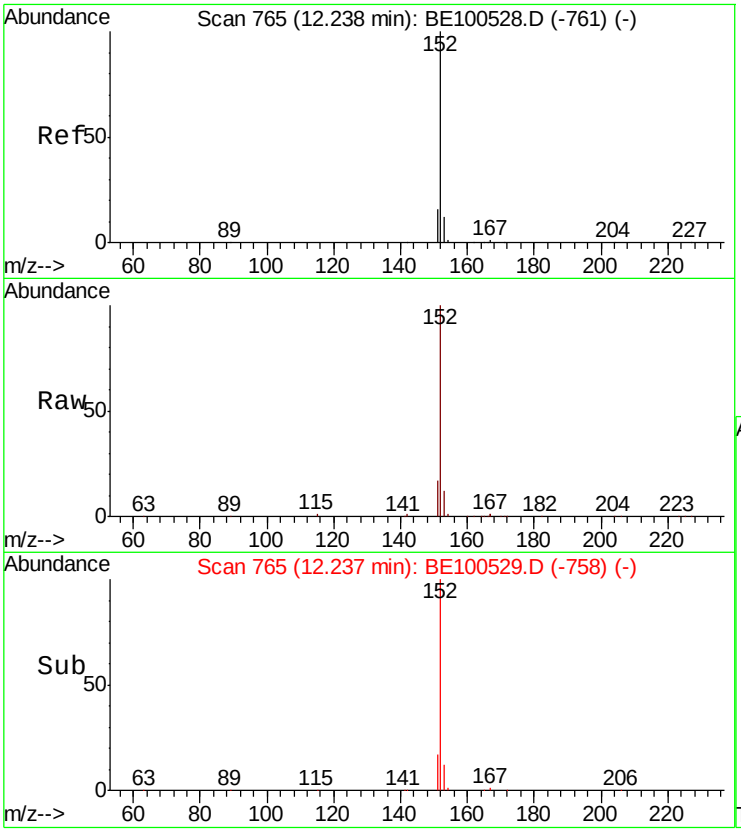


#10
Hexachlorobutadiene
Concen: 0.784 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:225 Resp: 7626

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.2	51.4	77.2



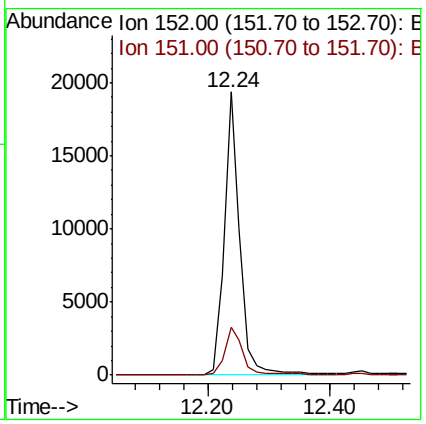


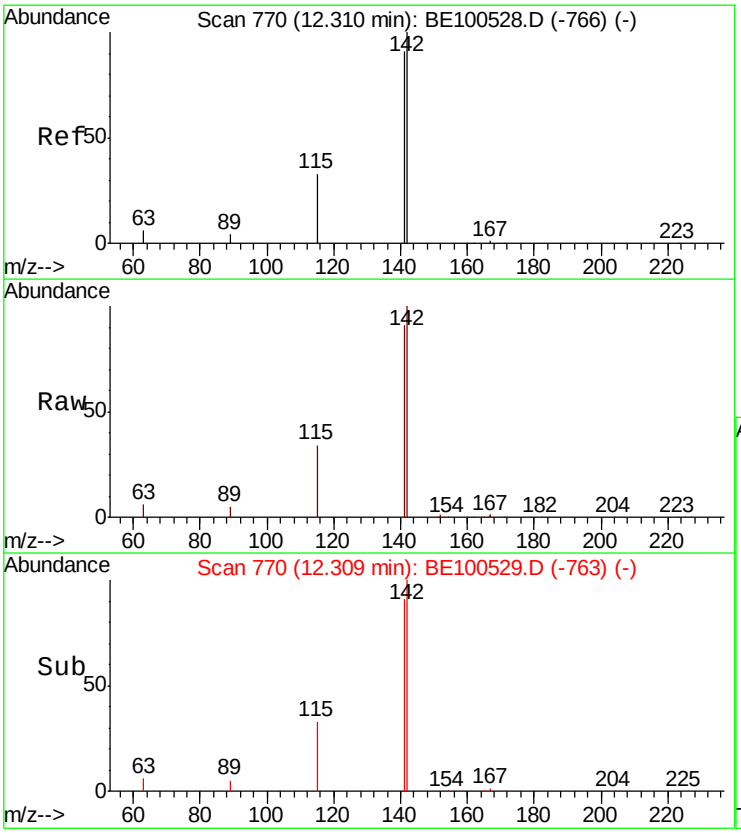
#11
2-Methylnaphthalene-d10
Concen: 0.745 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 34367

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

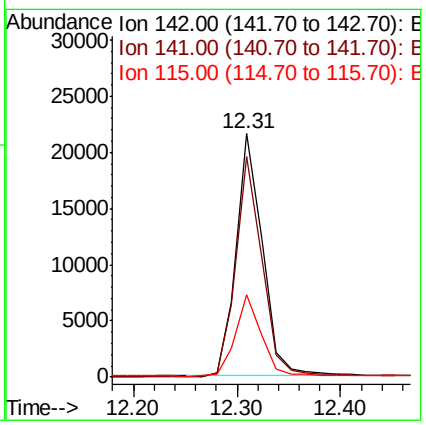


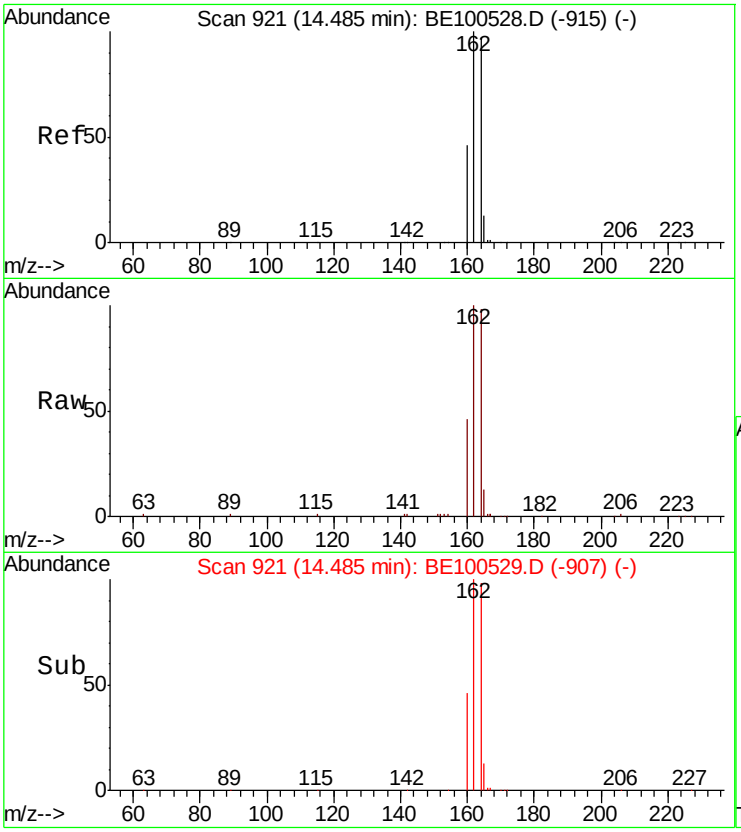


#12
2-Methylnaphthalene
Concen: 0.764 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:142 Resp: 38085

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.5	108.7
115	33.8	27.2	40.8



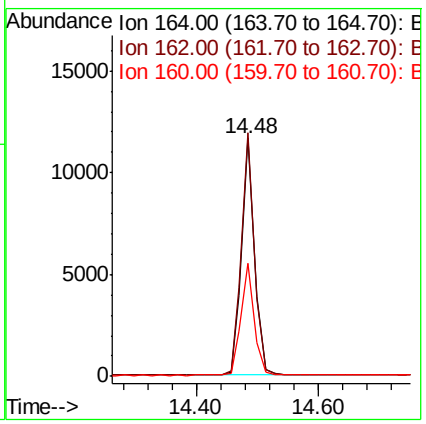


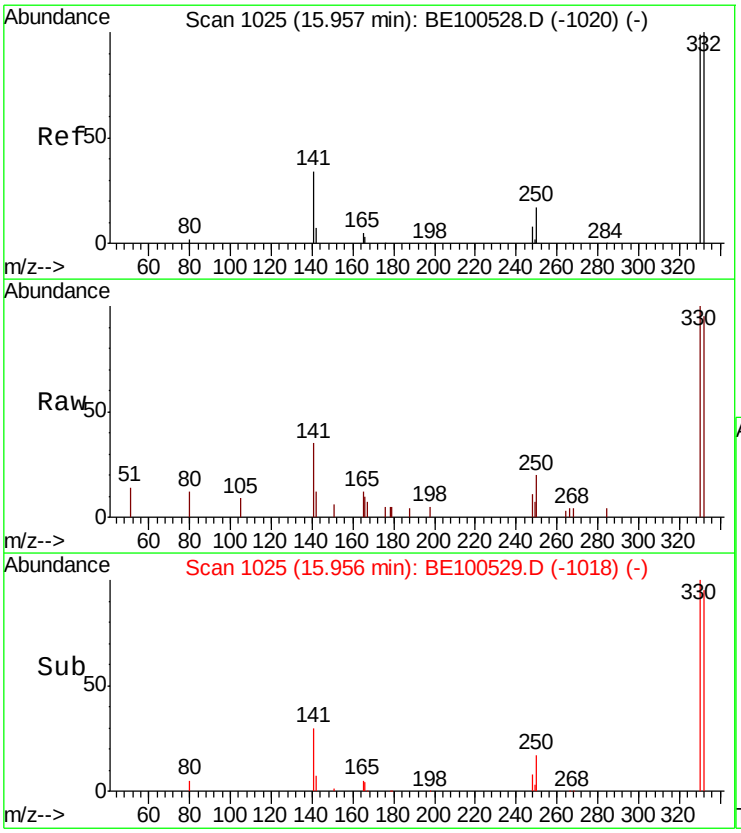
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 17357

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.1	123.1
160	47.2	37.6	56.4

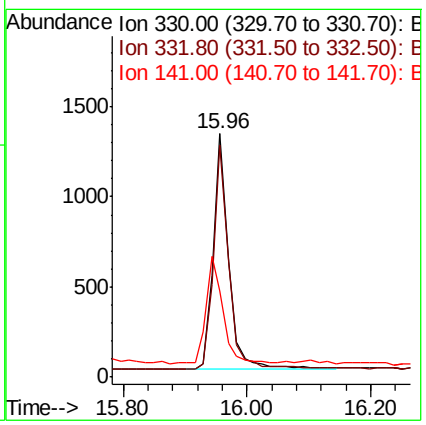


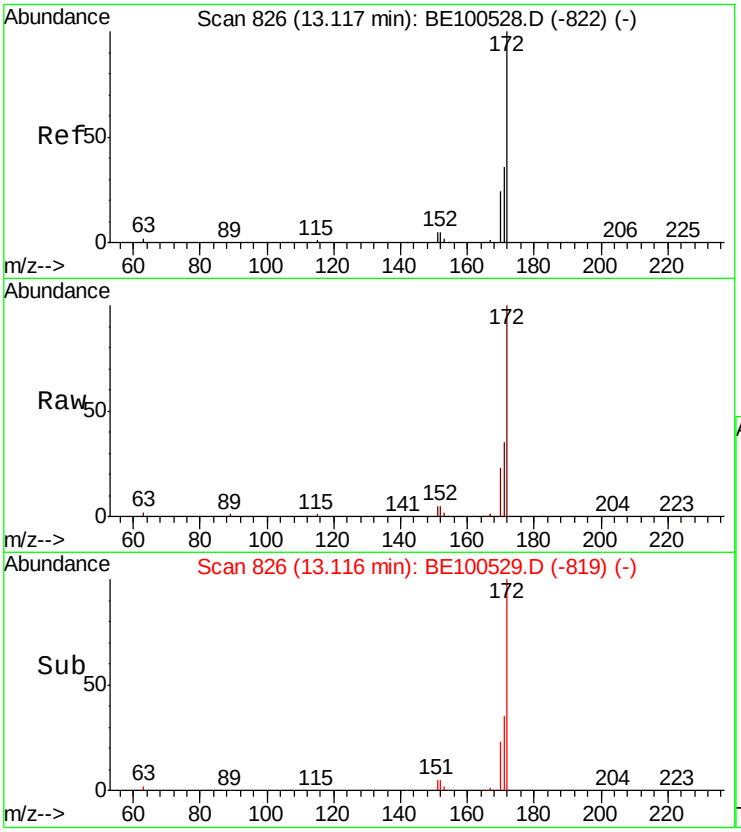


#14
2,4,6-Tribromophenol
Concen: 0.679 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:330 Resp: 2263

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.5	113.3
141	48.1	42.3	63.5



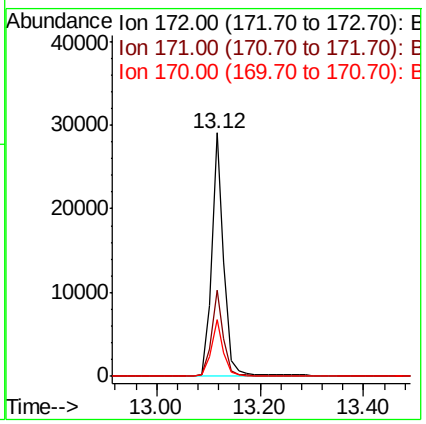


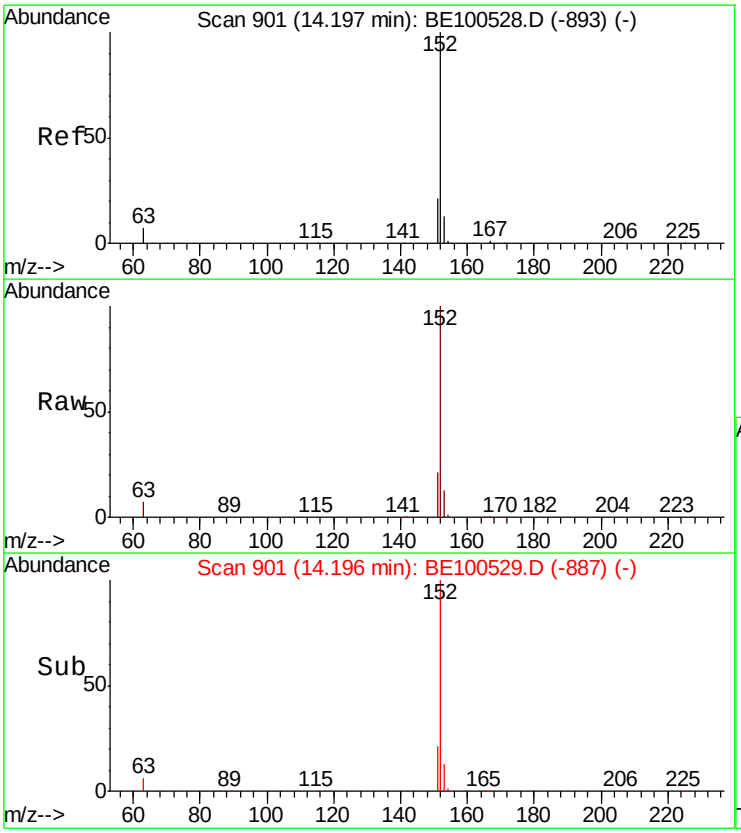
#15
2-Fluorobiphenyl
Concen: 0.792 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 47669

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	23.1	19.4	29.0

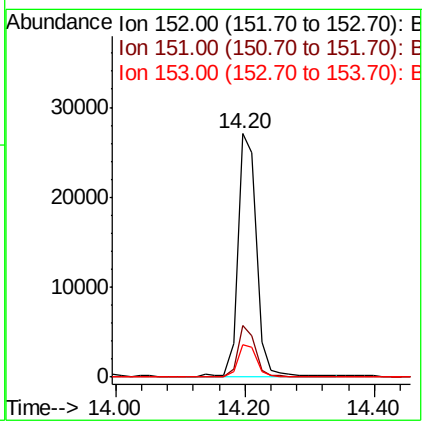


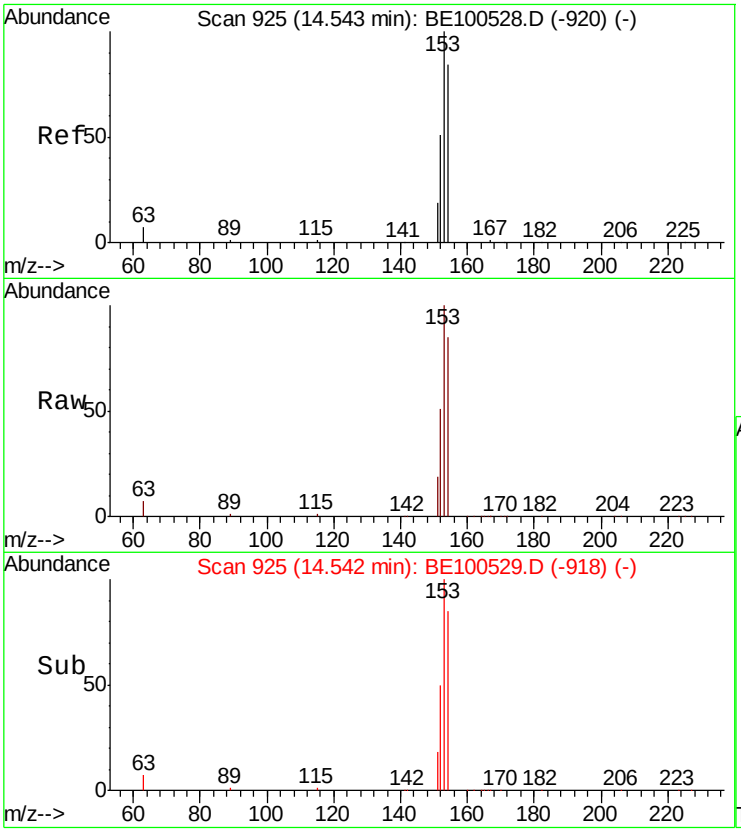


#16
Acenaphthylene
Concen: 0.741 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:152 Resp: 53414

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.1	10.7	16.1



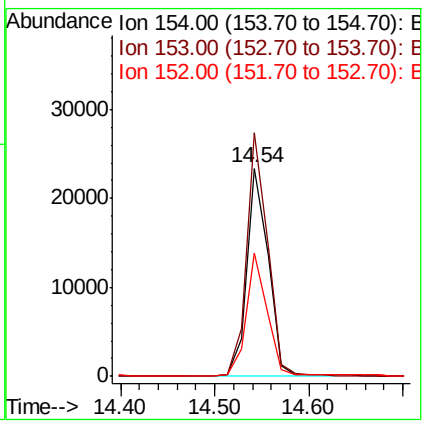


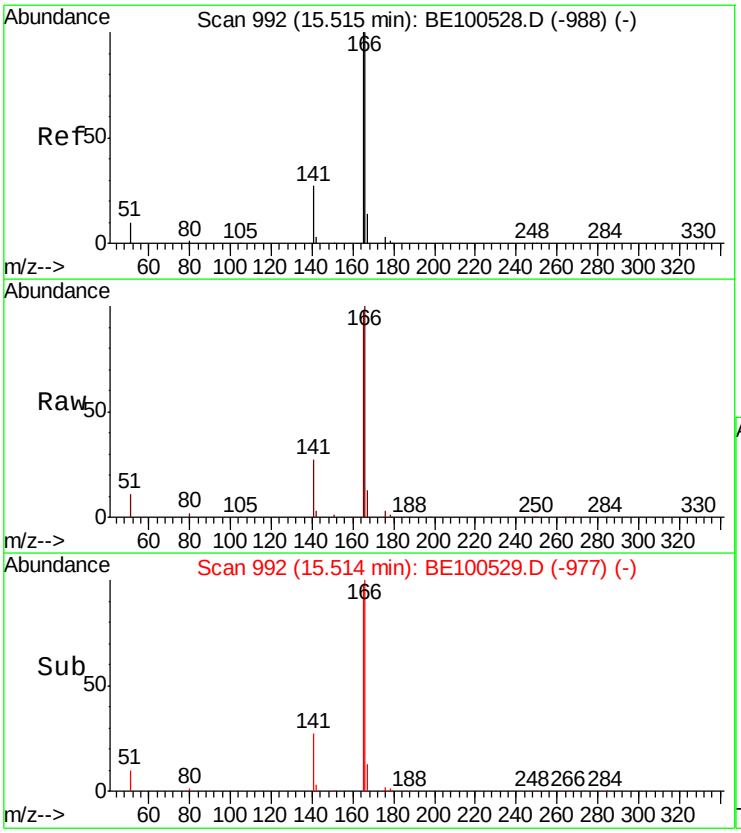
#17
Acenaphthene
Concen: 0.778 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 36871

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.7	140.5
152	57.4	47.3	70.9

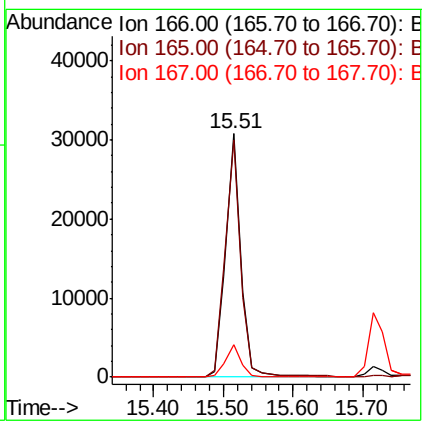


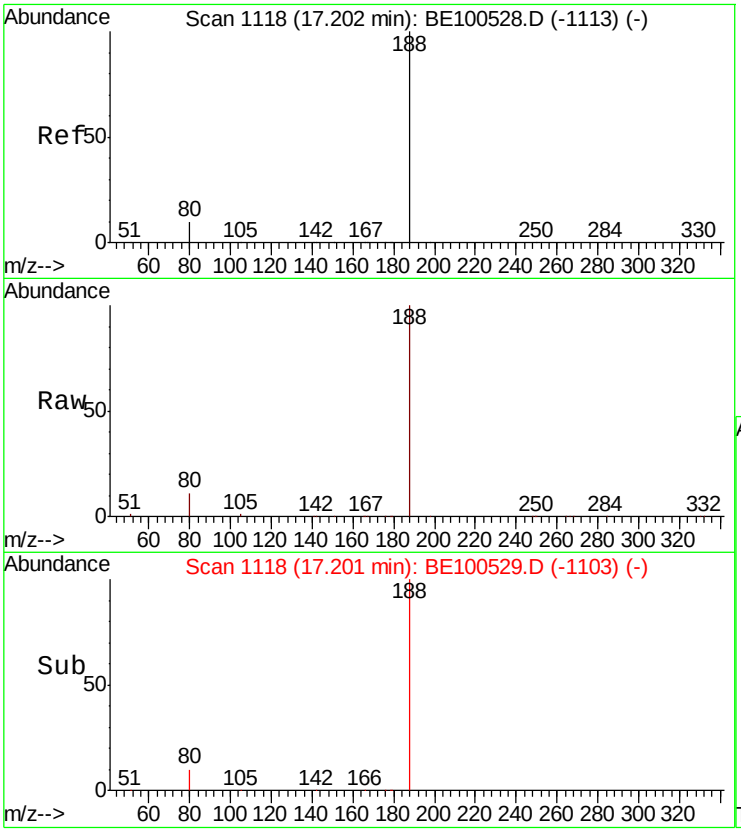


#18
Fluorene
Concen: 0.763 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:166 Resp: 46040

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.4	10.9	16.3



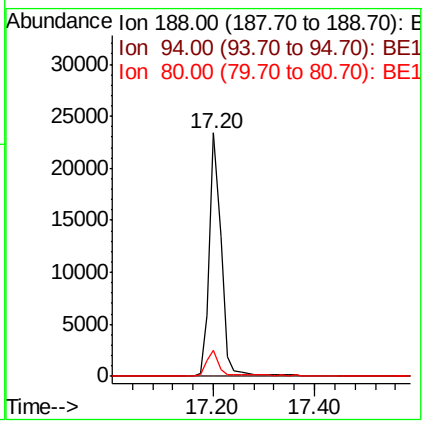


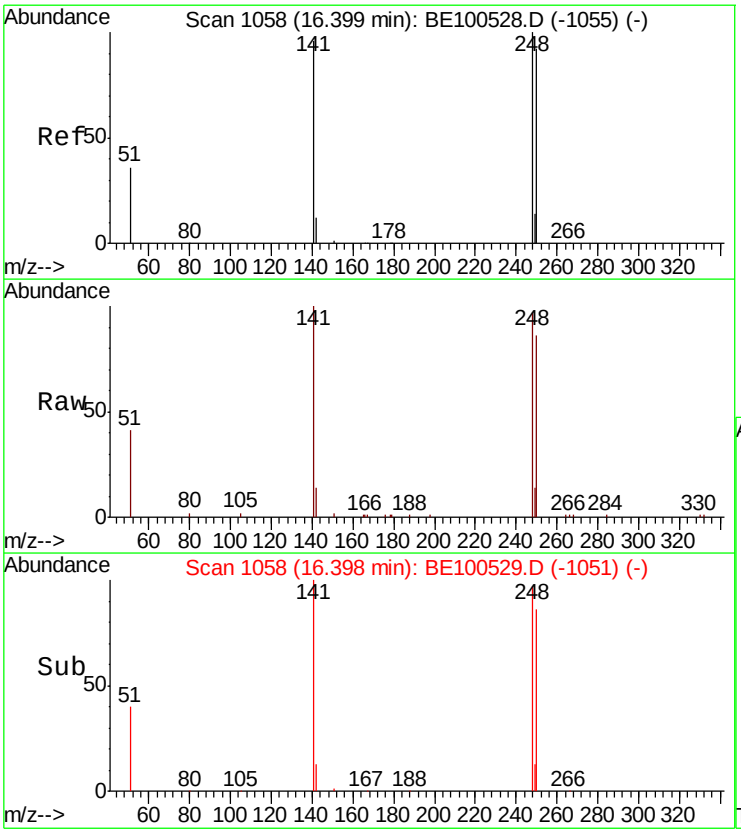
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 37463

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.0	12.0

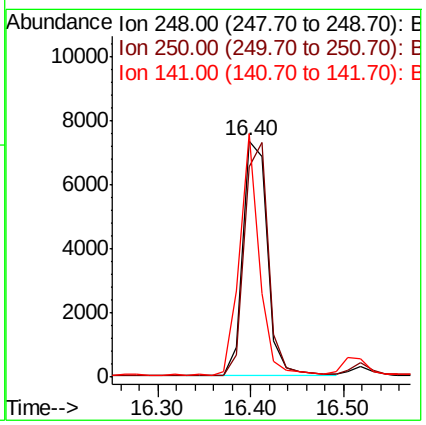


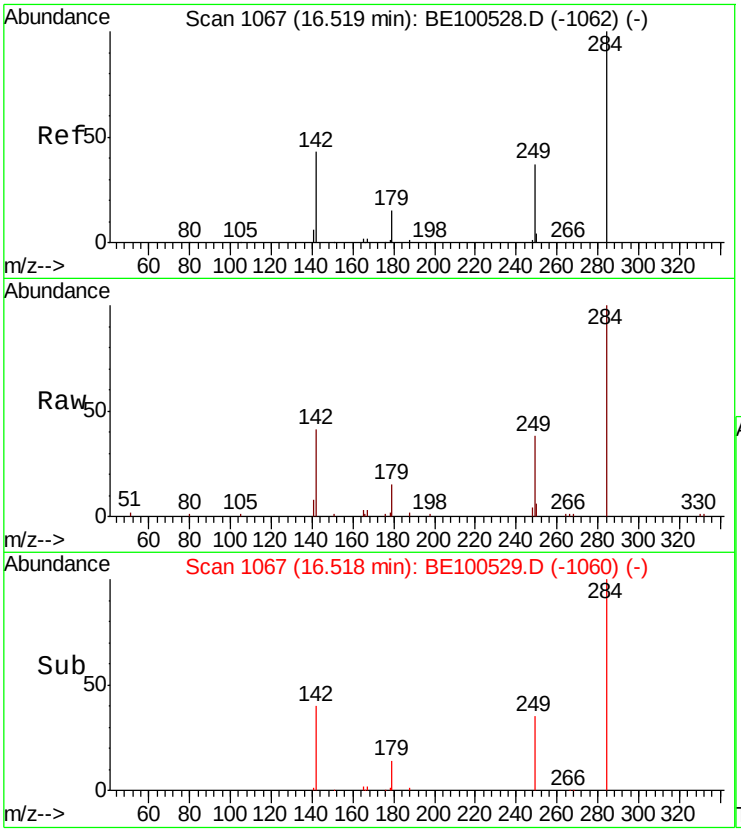


#20
4-Bromophenyl-phenylether
Concen: 0.781 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:248 Resp: 13398

Ion	Ratio	Lower	Upper
248	100		
250	89.0	73.5	110.3
141	103.1	77.0	115.4



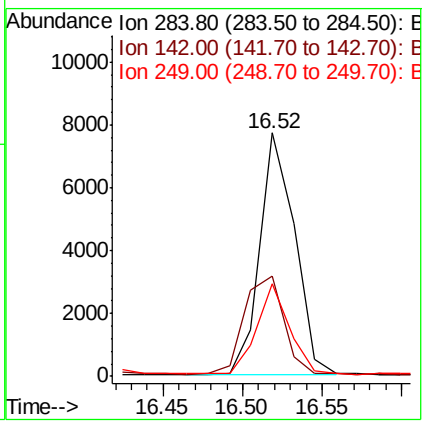


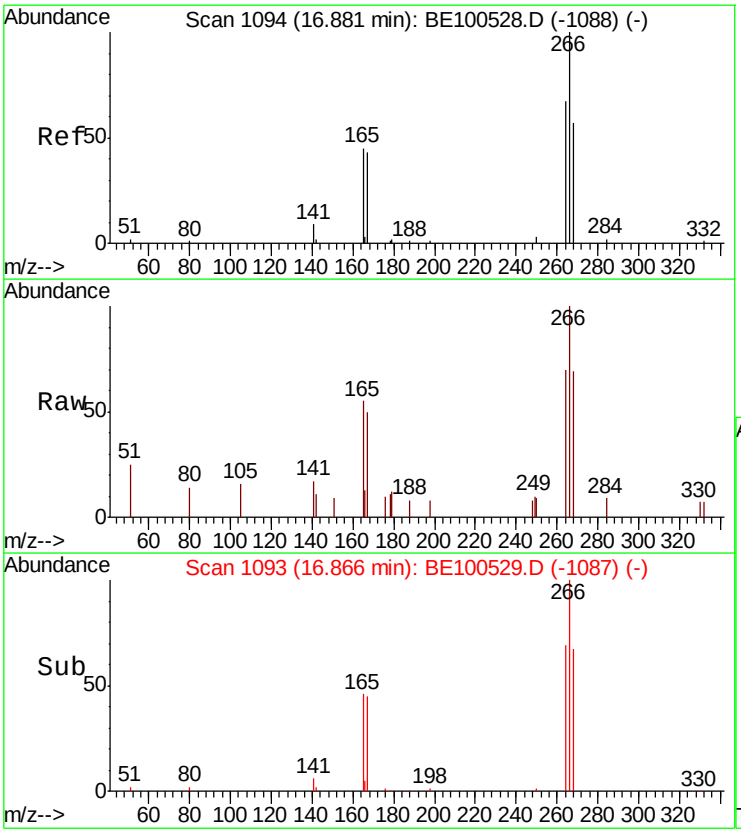
#21
Hexachlorobenzene
Concen: 0.801 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 11703

Ion	Ratio	Lower	Upper
284	100		
142	46.0	39.0	58.6
249	34.4	28.2	42.2

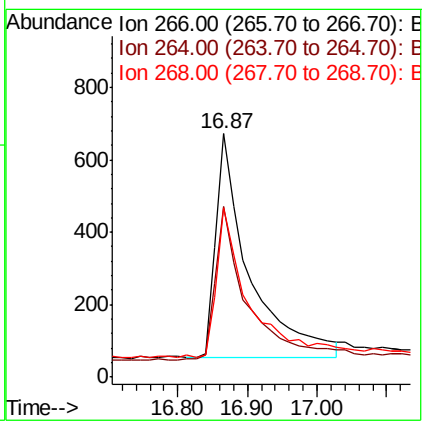


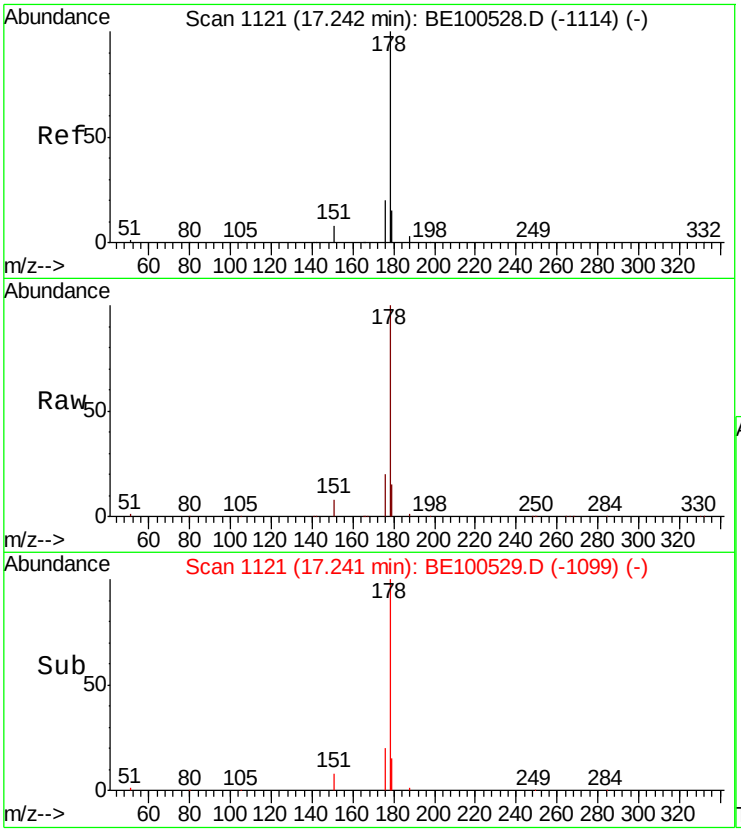


#22
Pentachlorophenol
Concen: 0.565 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:266 Resp: 2068

Ion	Ratio	Lower	Upper
266	100		
264	70.2	57.6	86.4
268	69.5	55.1	82.7



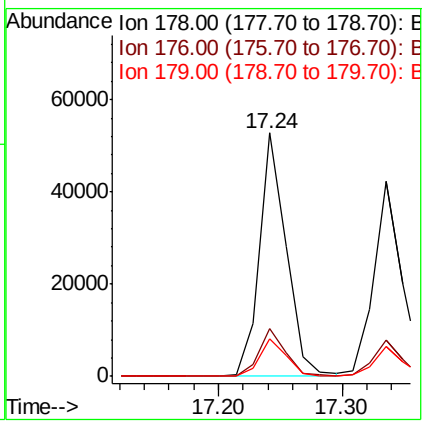


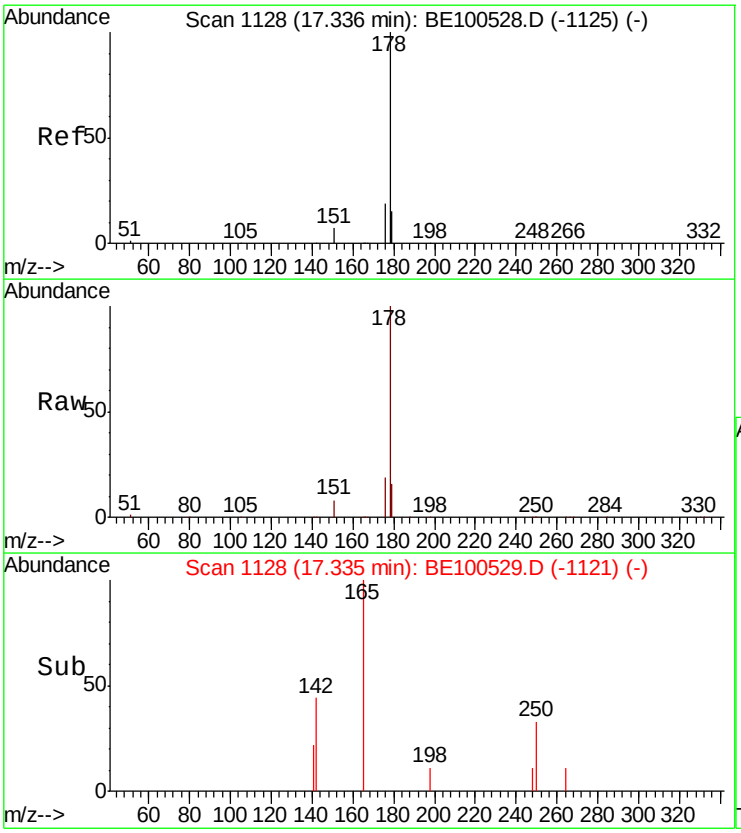
#23
Phenanthrene
Concen: 0.771 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 78961

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	18.8

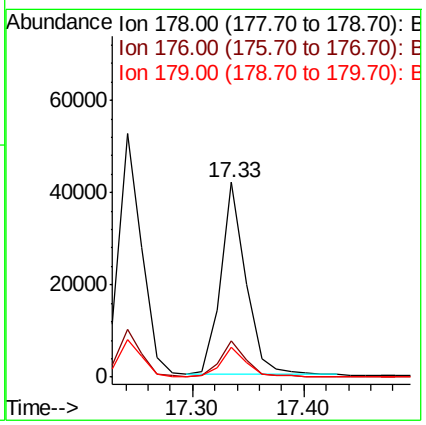


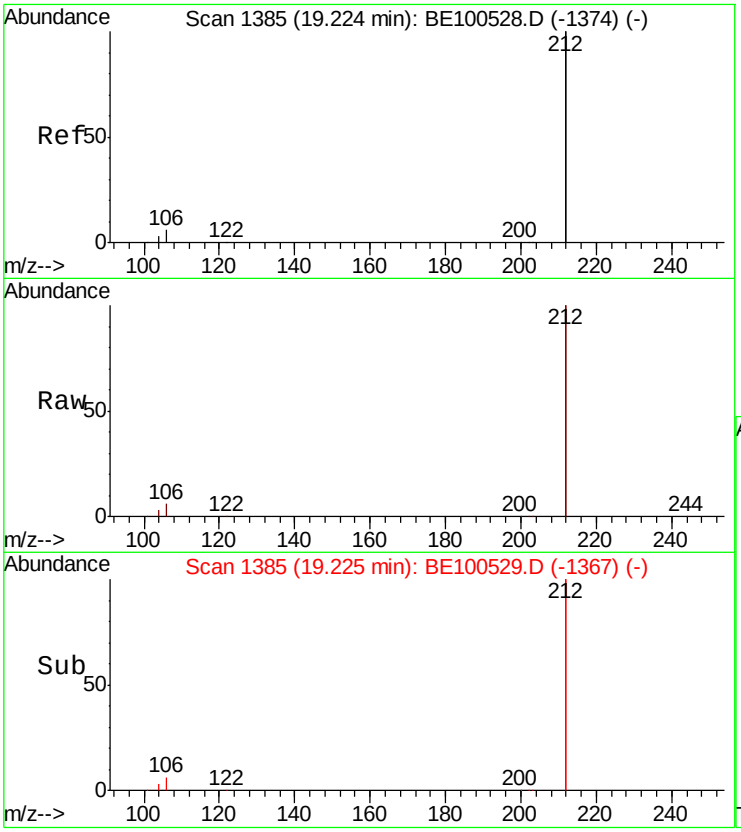


#24
Anthracene
Concen: 0.751 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:178 Resp: 65325

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



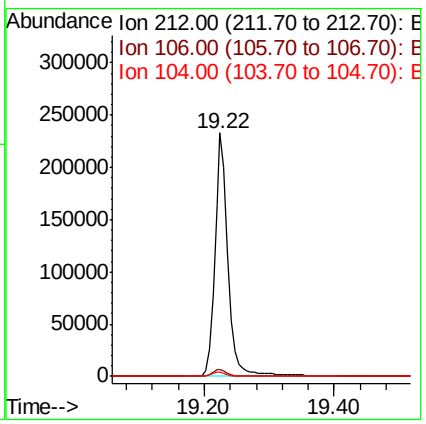


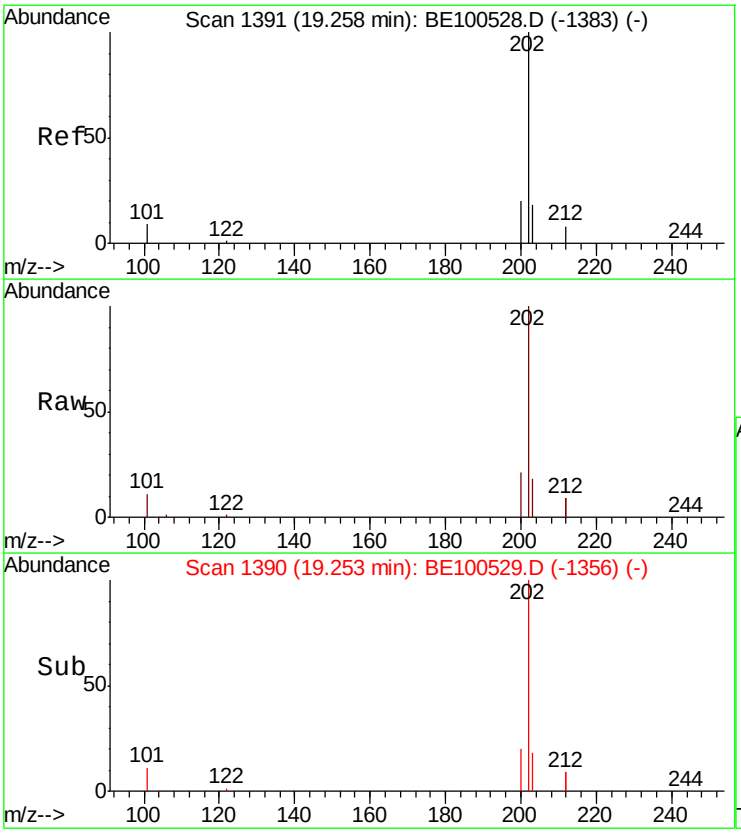
#25
Fluoranthene-d10
Concen: 0.722 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 331985

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

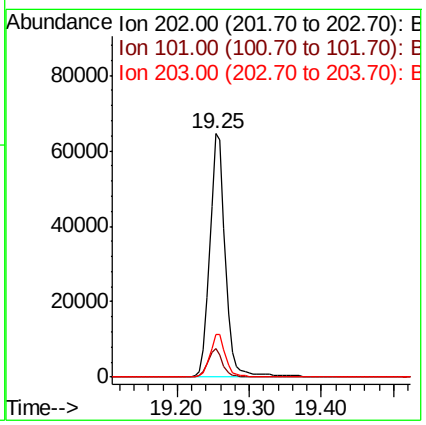


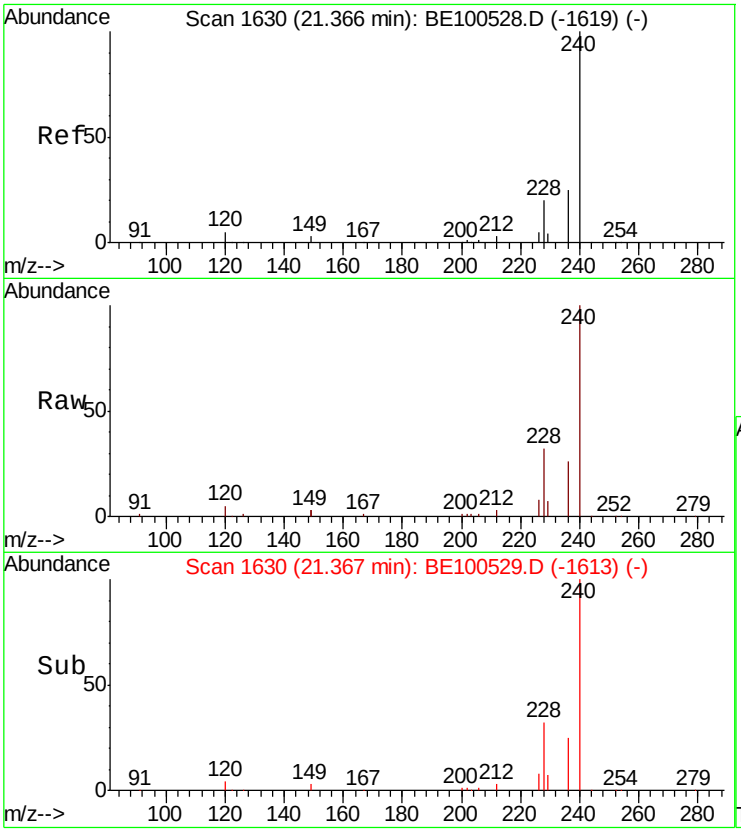


#26
Fluoranthene
Concen: 0.773 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:202 Resp: 95877

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
203	17.4	13.7	20.5



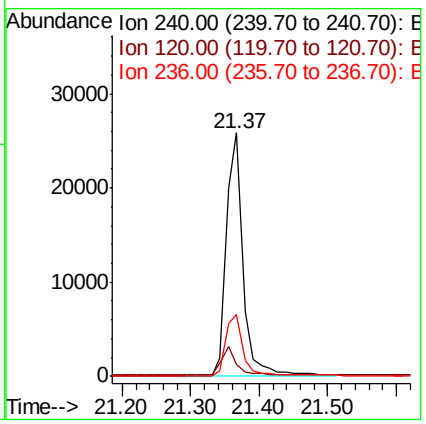


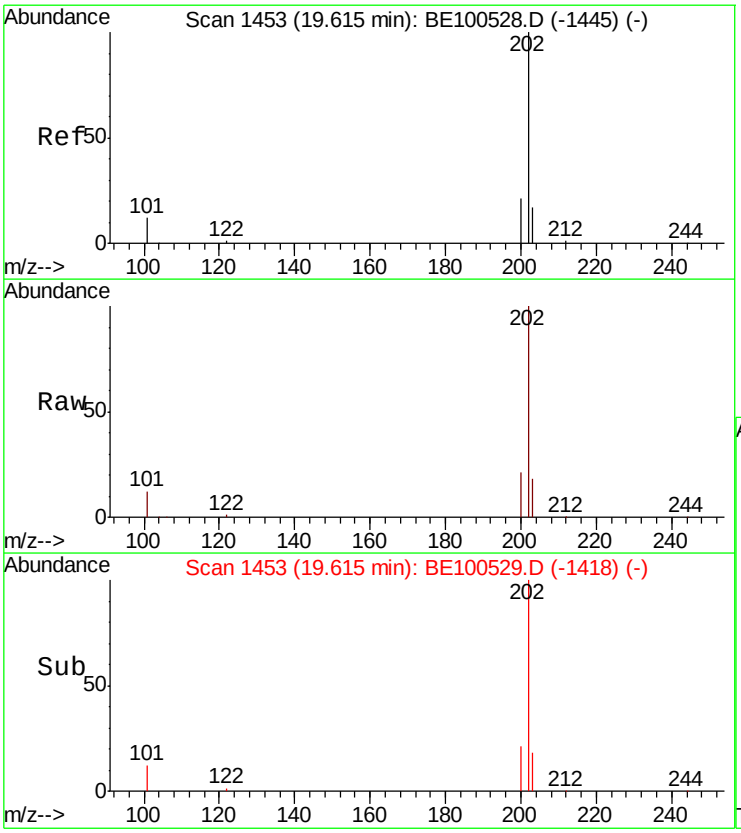
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 43607

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	25.7	20.6	30.8

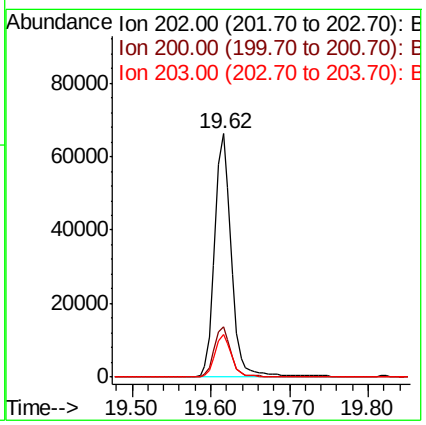


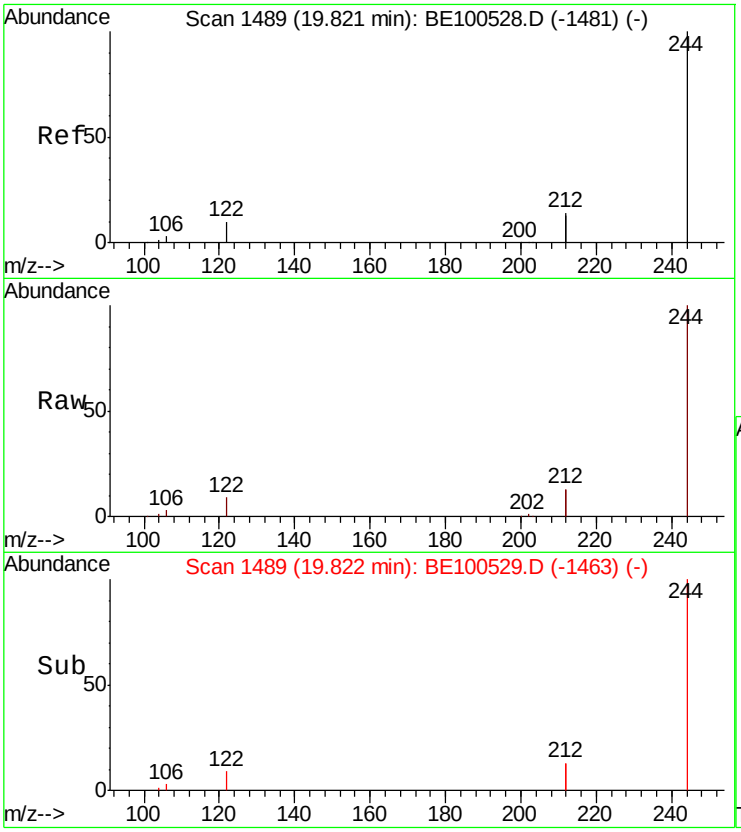


#28
Pyrene
Concen: 0.777 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:202 Resp: 95656

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	14.0	21.0



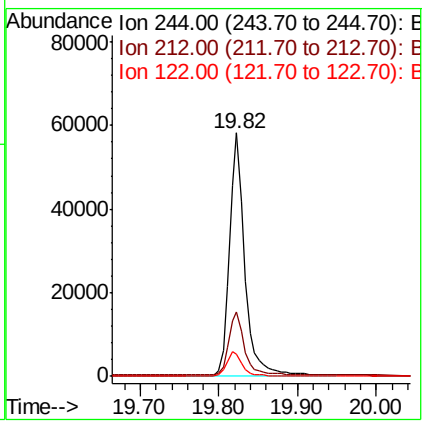


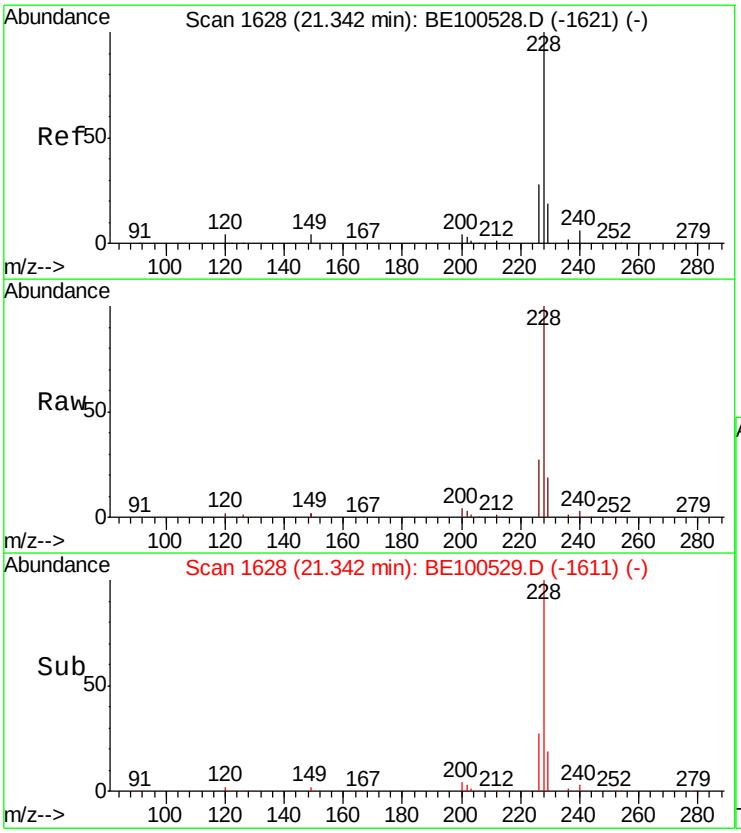
#29
Terphenyl-d14
Concen: 0.787 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 79703

Ion	Ratio	Lower	Upper
244	100		
212	26.3	22.2	33.2
122	9.1	8.3	12.5

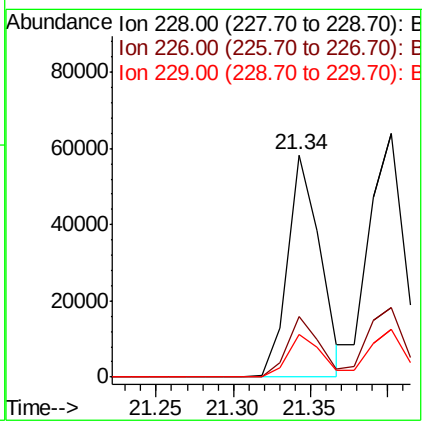


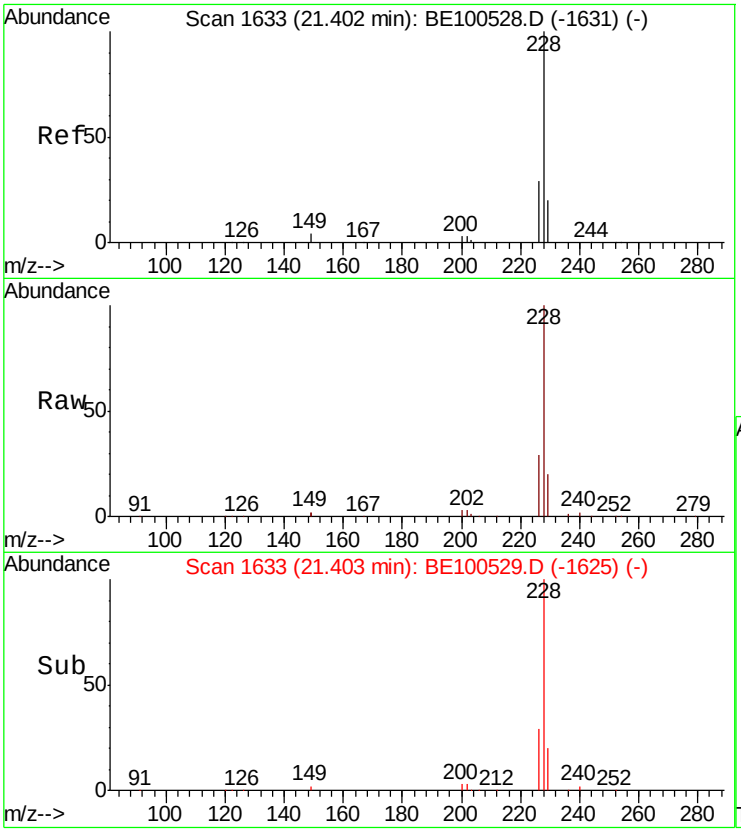


#30
Benzo(a)anthracene
Concen: 0.712 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:228 Resp: 85730

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	19.4	15.4	23.2



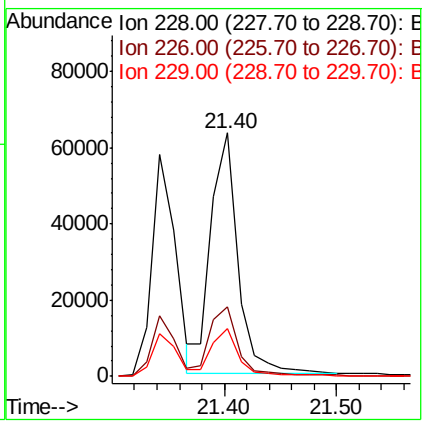


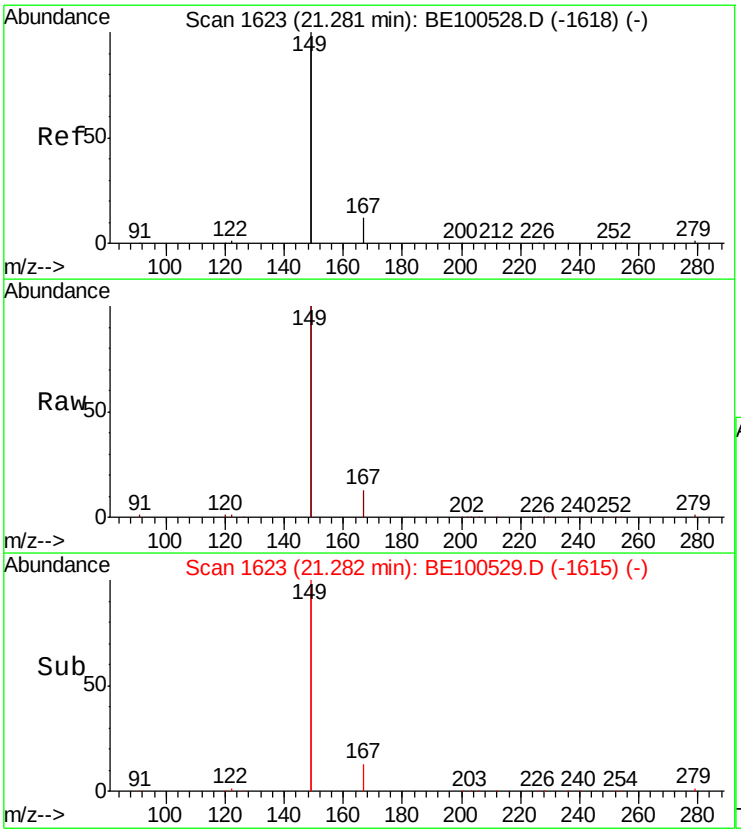
#31
Chrysene
Concen: 0.822 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 104884

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.3	34.9
229	19.7	16.3	24.5

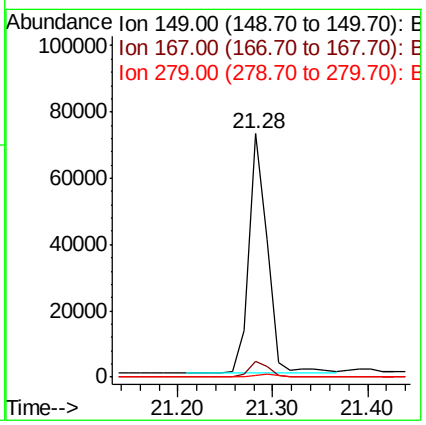


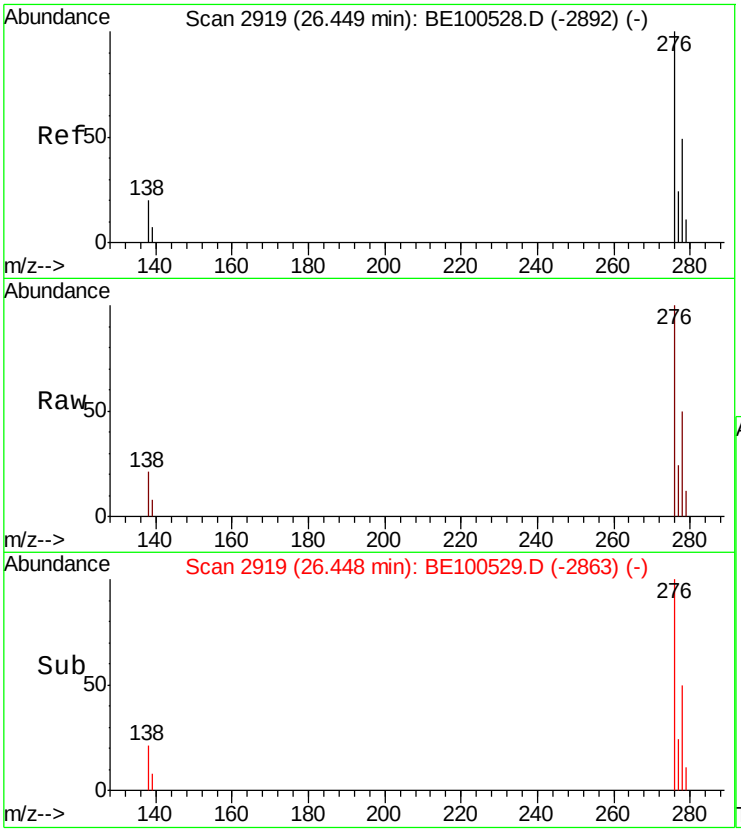


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.666 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:149 Resp: 95970

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.1	1.0	1.4



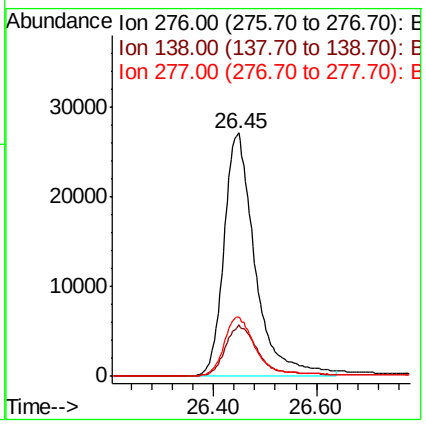


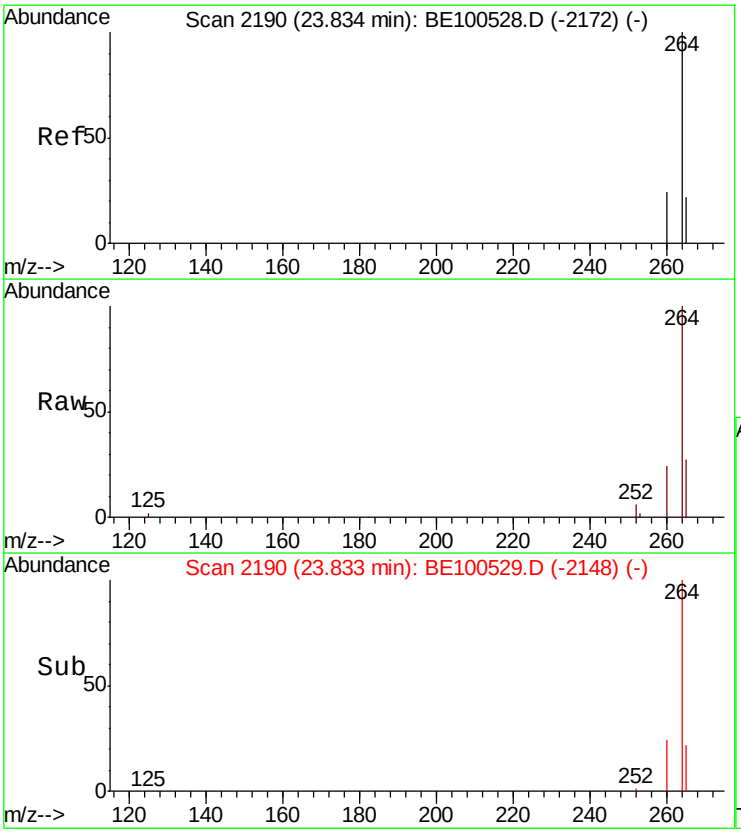
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.747 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 112728

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.7	26.5
277	24.8	19.9	29.9

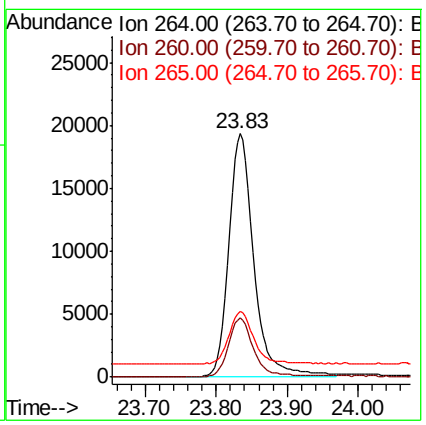


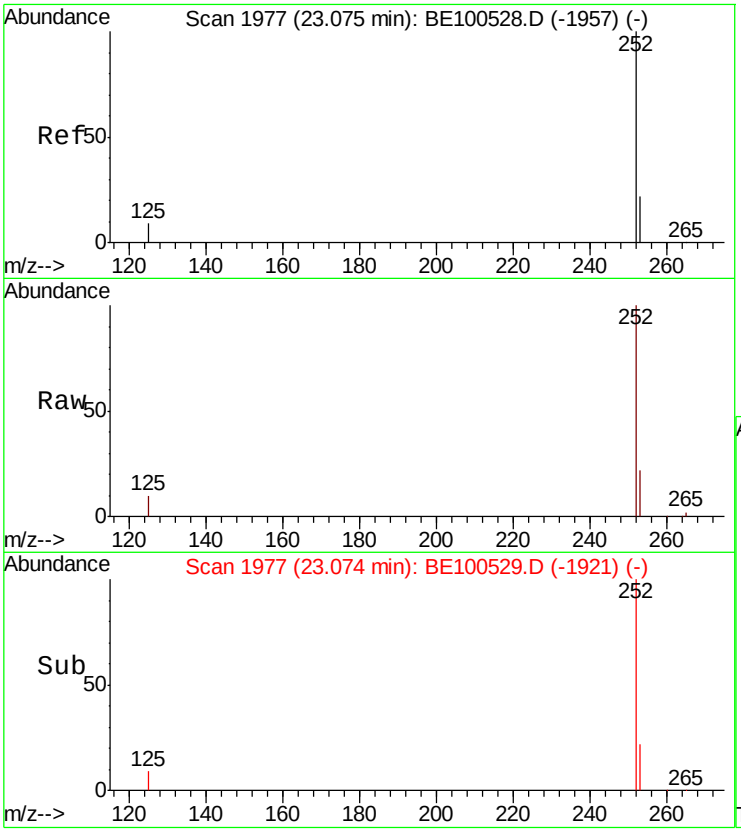


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:264 Resp: 46679

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	26.8	21.8	32.8



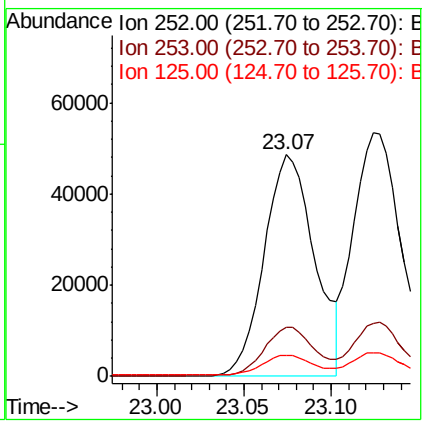


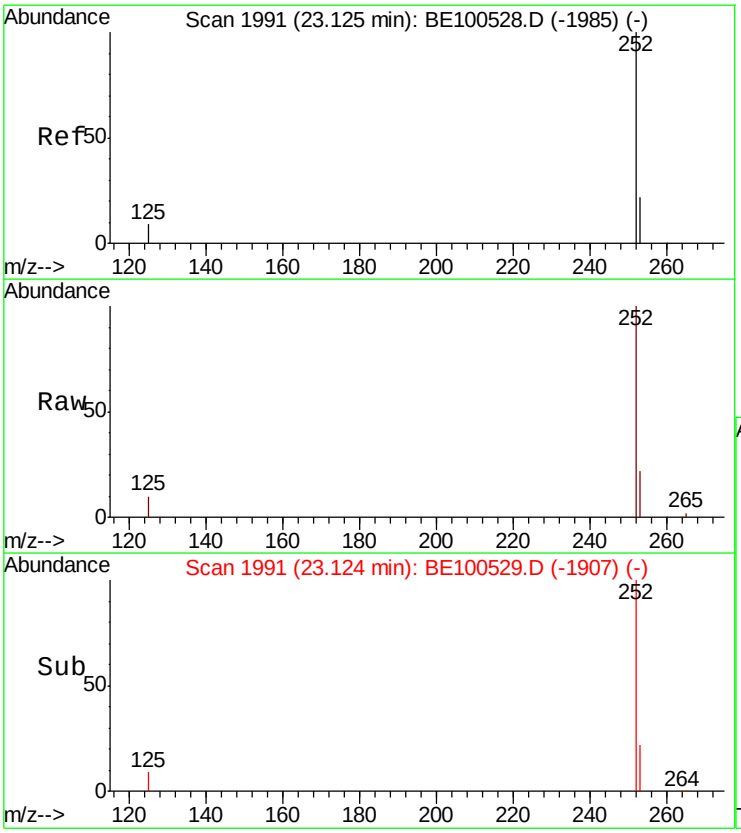
#35
Benzo(b)fluoranthene
Concen: 0.795 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 97242

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.6	8.0	12.0

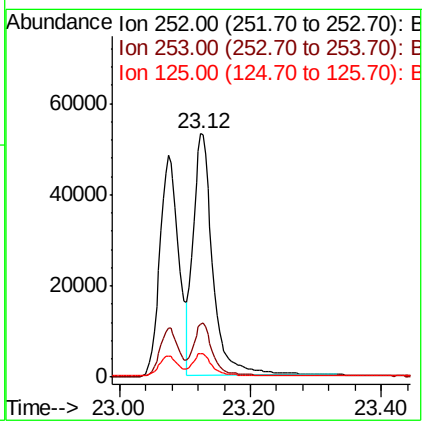


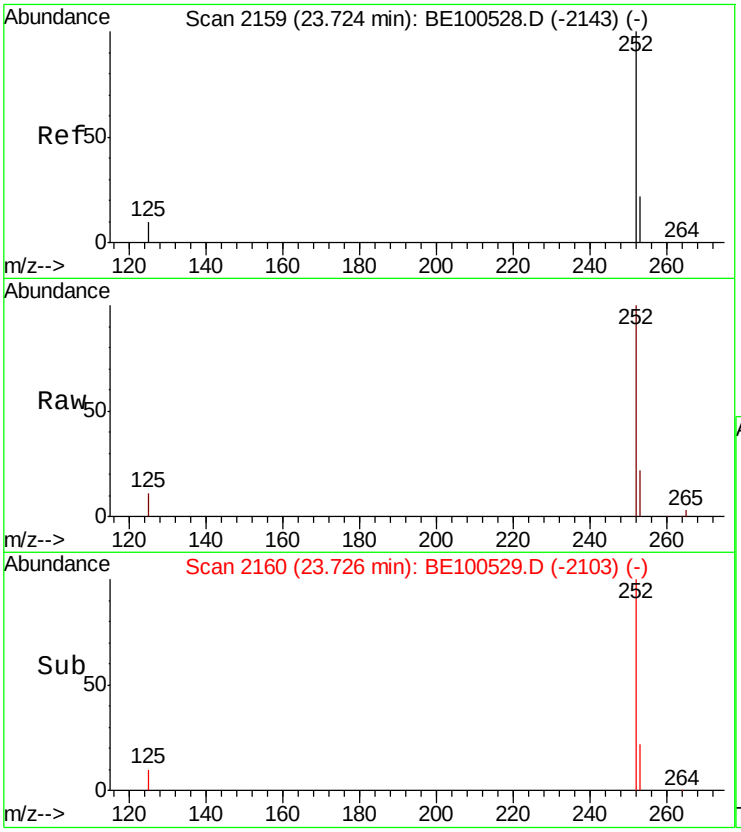


#36
Benzo(k)fluoranthene
Concen: 0.784 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:252 Resp: 111727

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.9	8.5	12.7



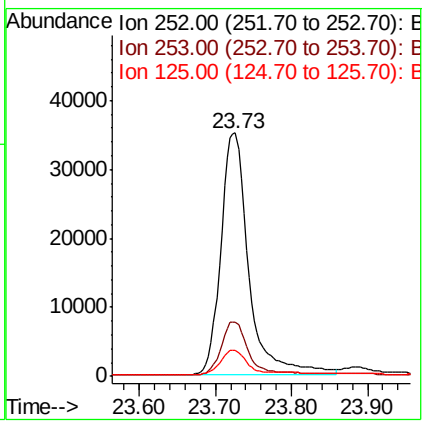


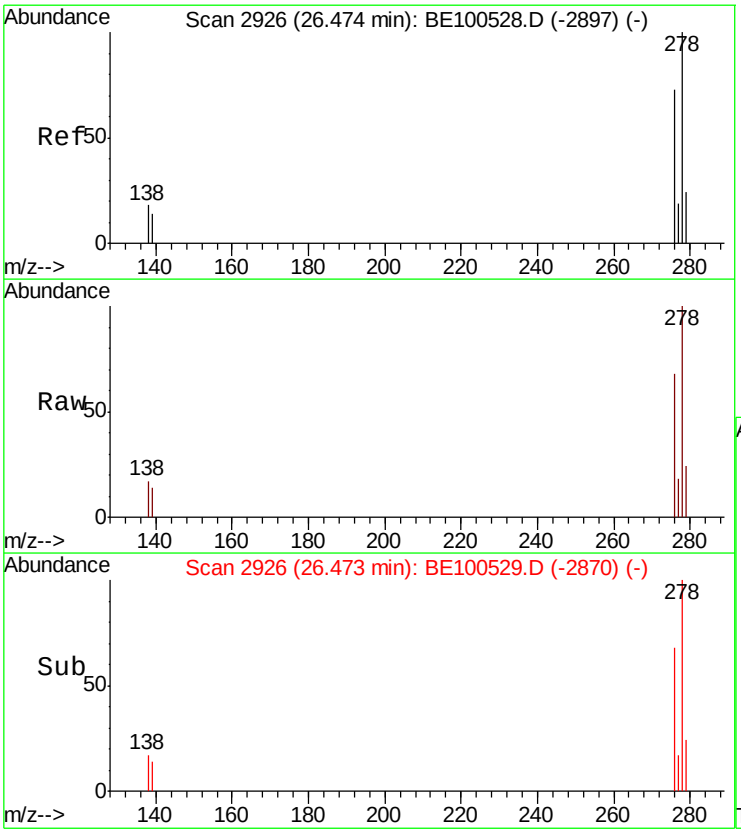
#37
Benzo(a)pyrene
Concen: 0.765 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 89305

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.8	9.2	13.8

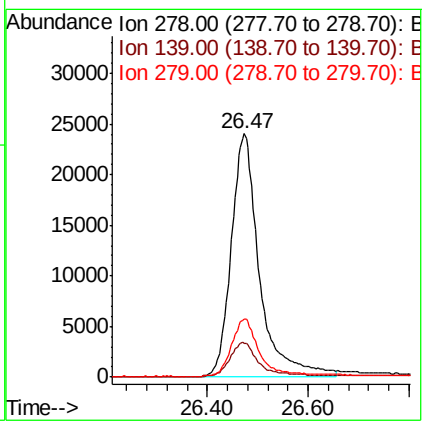


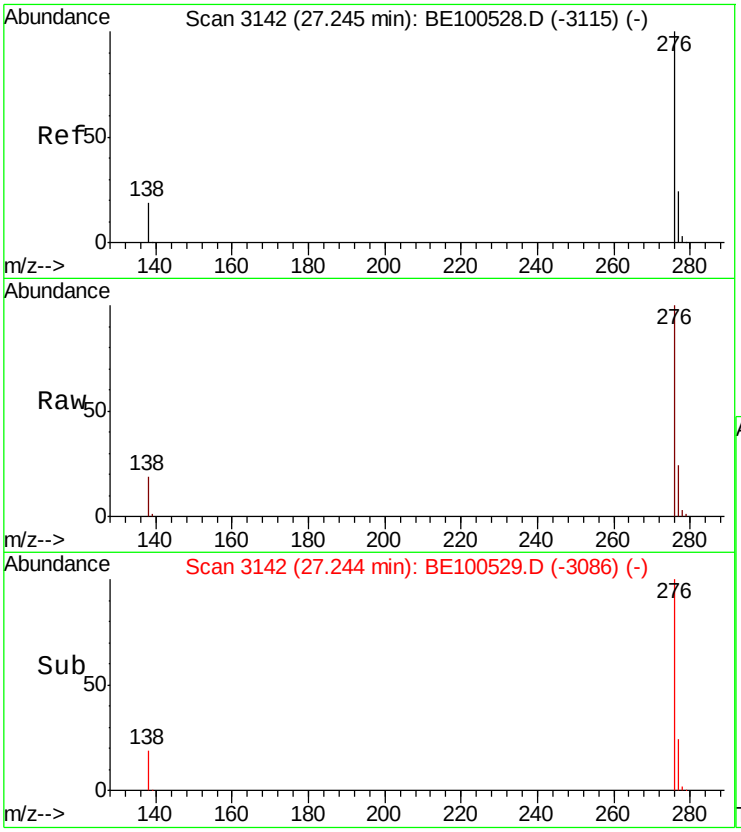


#38
Dibenzo(a,h)anthracene
Concen: 0.771 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:278 Resp: 92982

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.6	17.4
279	24.0	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.782 ng
RT: 27.24 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 97320

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	19.3	15.7	23.5