Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100440.D
Acq On : 16 Jul 2019 10:58
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Jul 16 12:59:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 12:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	5003	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	20012	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	11127	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	26613	0.40	ng		0.00
27) Chrysene-d12	21.39	240	30787	0.40	ng		0.00
34) Perylene-d12	23.88	264	26125	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	16011	1.58	ng		0.00
5) Phenol-d6	7.04	99	23468	1.60	ng		0.00
8) Nitrobenzene-d5	9.03	82	17756	1.74	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	49987	1.13	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	4486	1.56	ng		0.00
15) 2-Fluorobiphenyl	13.14	172	77057	1.56	ng		0.00
25) Fluoranthene-d10	19.25	212	533245	1.13	ng		0.00
29) Terphenyl-d14	19.85	244	121610	1.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	10815	1.502	ng		96
3) n-Nitrosodimethylamine	3.69	42	7924	1.794	ng	#	85
6) bis(2-Chloroethyl)ether	7.31	93	23534	1.654	ng		99
9) Naphthalene	10.72	128	318264	1.633	ng		100
10) Hexachlorobutadiene	11.03	225	15182	1.631	ng		98
12) 2-Methylnaphthalene	12.34	142	54159	1.650	ng		100
16) Acenaphthylene	14.23	152	75735	1.642	ng		99
17) Acenaphthene	14.57	154	51236	1.629	ng		98
18) Fluorene	15.54	166	67000	1.660	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	23581	1.732	ng		97
21) Hexachlorobenzene	16.55	284	27478	1.763	ng		99
22) Pentachlorophenol	16.88	266	4987	1.625	ng		91
23) Phenanthrene	17.27	178	117824	1.704	ng		100
24) Anthracene	17.36	178	100894	1.721	ng		100
26) Fluoranthene	19.28	202	154060	1.722	ng		100
28) Pyrene	19.64	202	148686	1.651	ng		100
30) Benzo(a)anthracene	21.38	228	142168	1.684	ng		99
31) Chrysene	21.43	228	161339	1.627	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	95746	1.484	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	147889	1.647	ng		100
35) Benzo(b)fluoranthene	23.12	252	138091	1.683	ng		99
36) Benzo(k)fluoranthene	23.17	252	151333	1.763	ng		98
37) Benzo(a)pyrene	23.78	252	118094	1.720	ng		98
38) Dibenzo(a,h)anthracene	26.55	278	126367	1.763	ng		98
39) Benzo(g,h,i)perylene	27.33	276	126362	1.697	ng		99

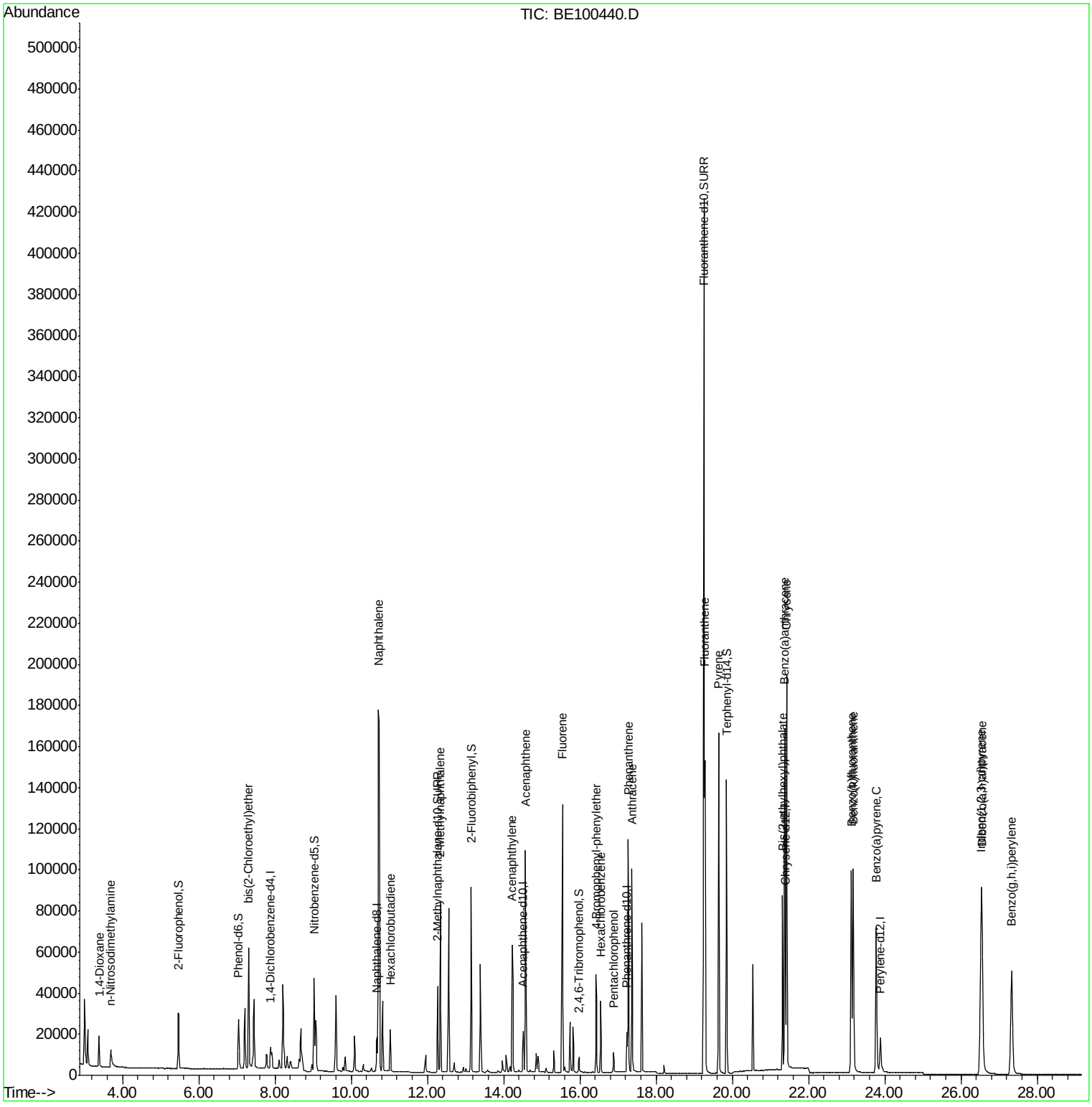
(#) = qualifier out of range (m) = manual integration (+) = signals summed

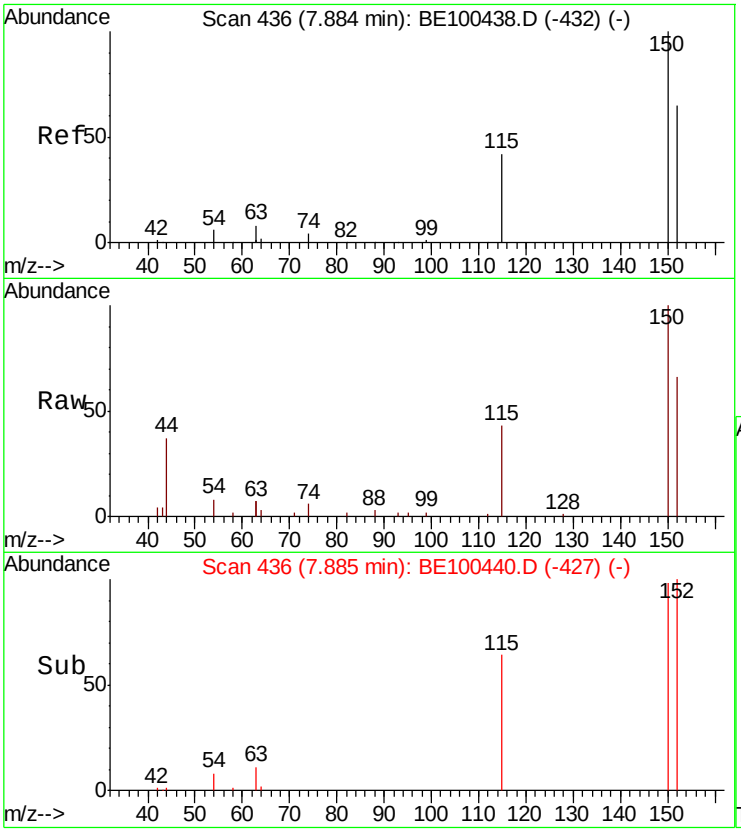
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100440.D
Acq On : 16 Jul 2019 10:58
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Jul 16 12:59:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 12:52:21 2019
Response via : Initial Calibration



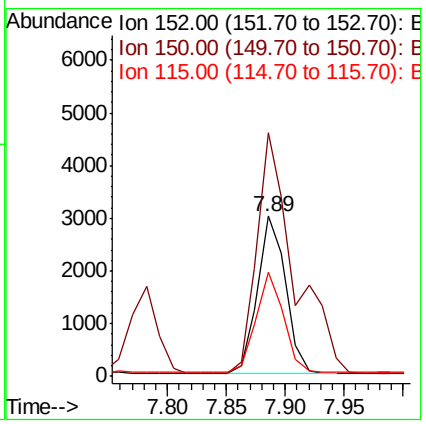


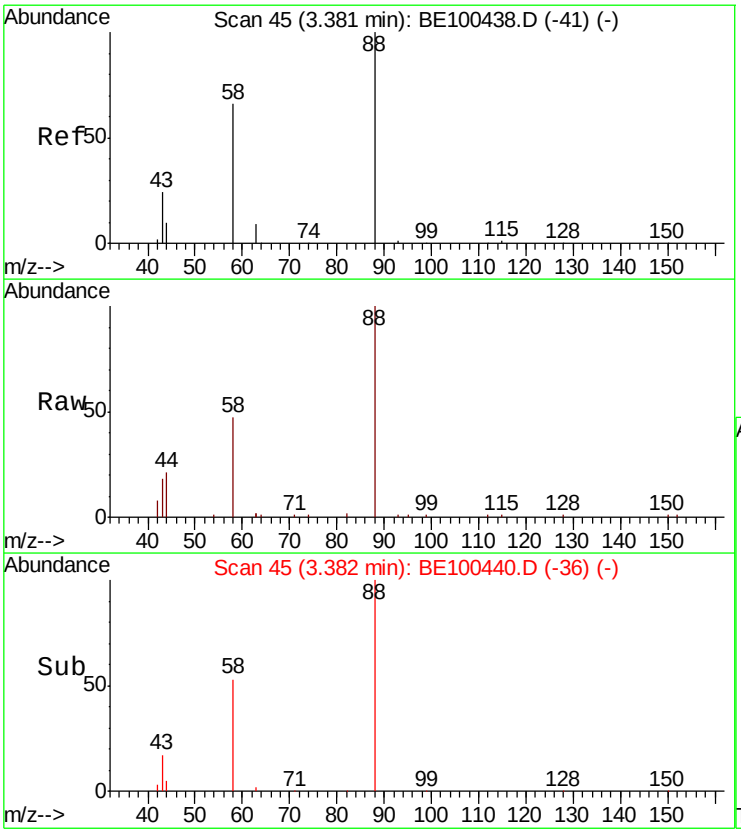
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 5003

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.7	182.5
115	65.2	52.4	78.6

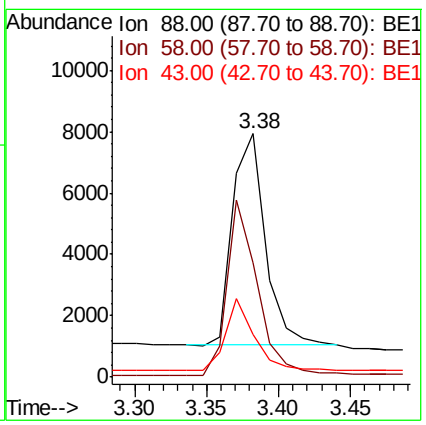


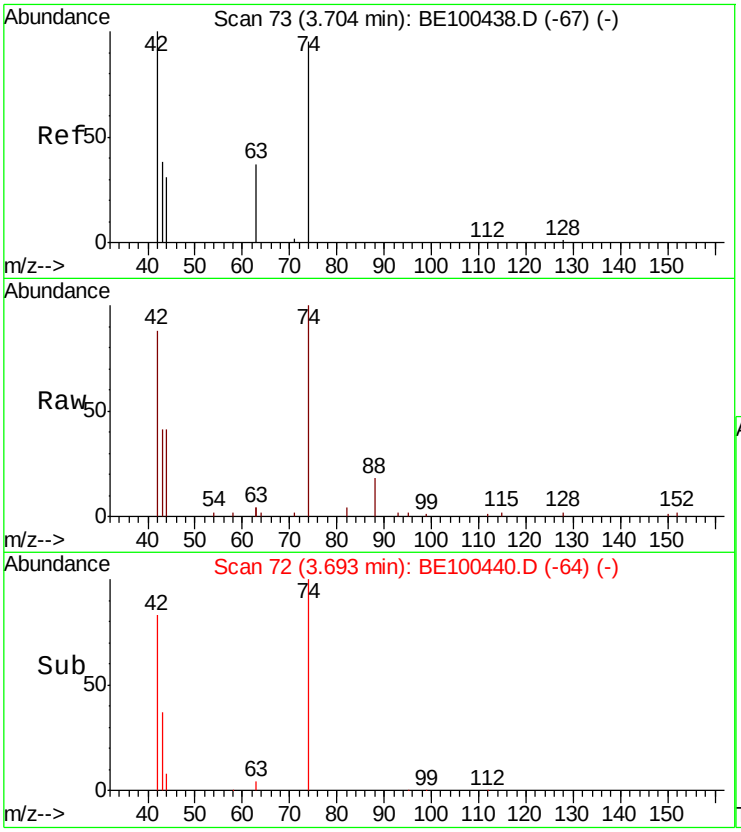


#2
1,4-Dioxane
Concen: 1.502 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion: 88 Resp: 10815

Ion	Ratio	Lower	Upper
88	100		
58	77.0	57.8	86.8
43	30.5	25.0	37.6



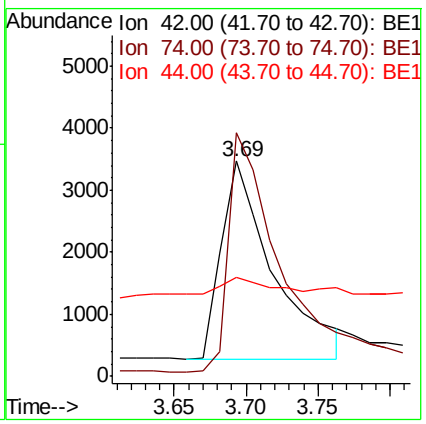


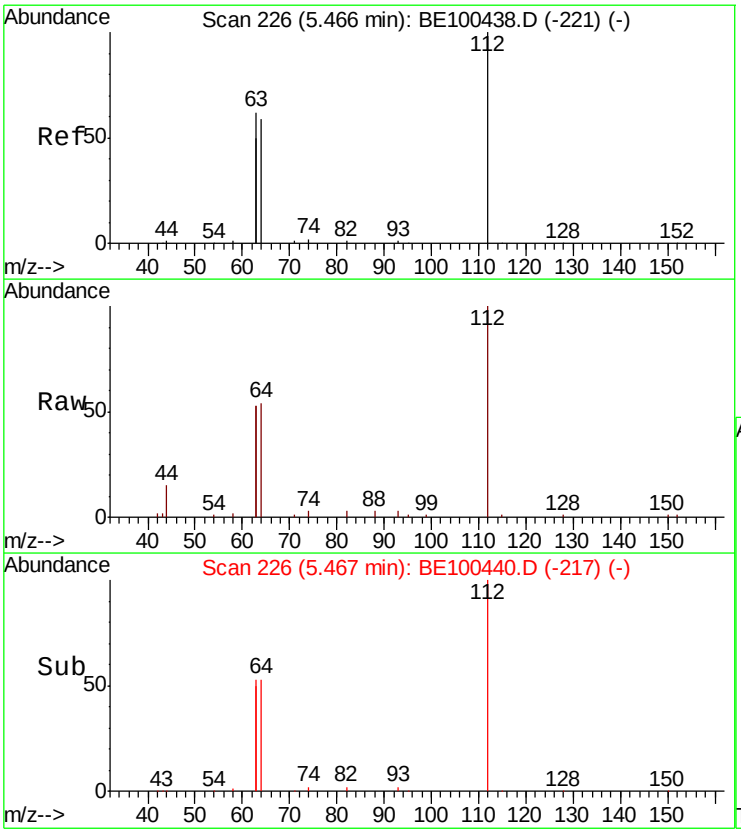
#3
n-Nitrosodimethylamine
Concen: 1.794 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 7924

Ion	Ratio	Lower	Upper
42	100		
74	117.2	85.3	127.9
44	11.0	21.8	32.8#

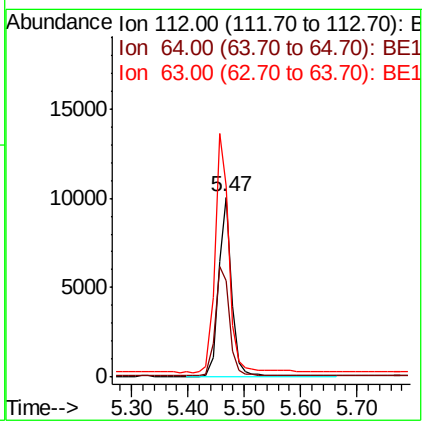


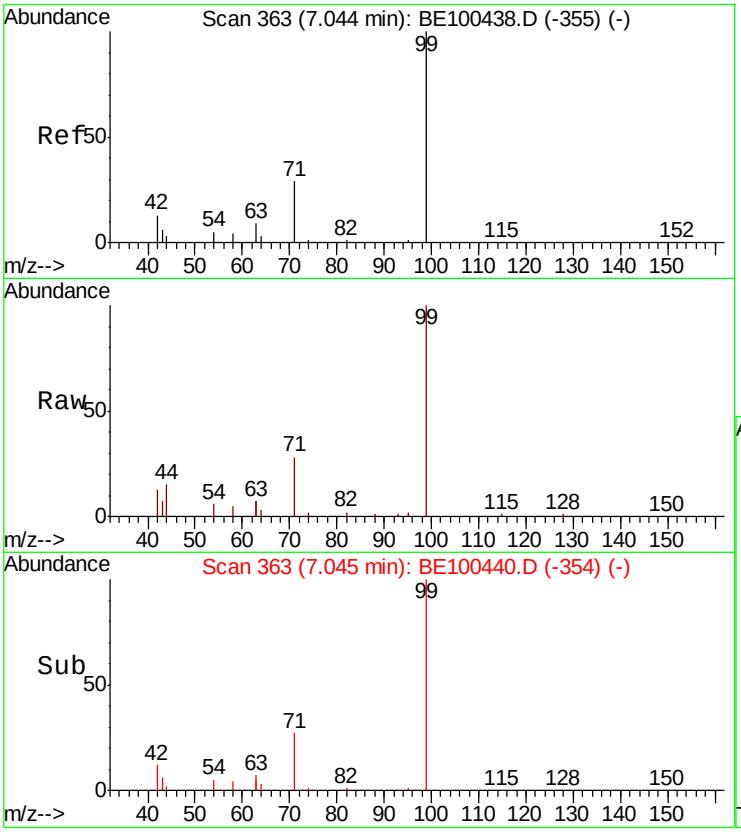


#4
2-Fluorophenol
Concen: 1.576 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:112 Resp: 16011

Ion	Ratio	Lower	Upper
112	100		
64	67.2	55.0	82.4
63	143.1	114.8	172.2



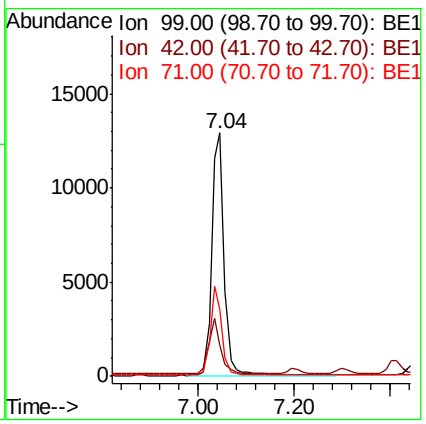


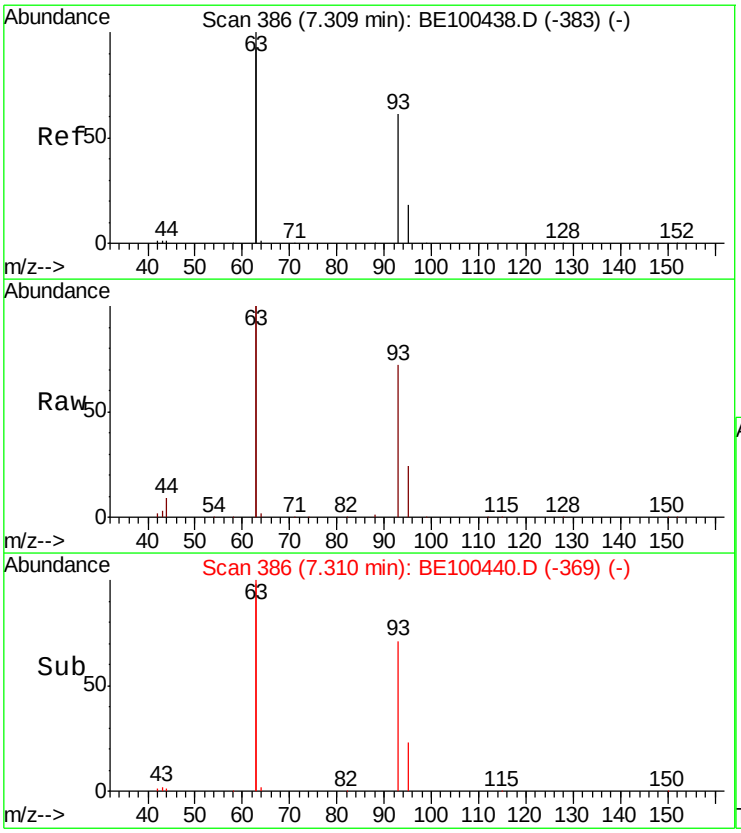
#5
Phenol-d6
Concen: 1.599 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 23468

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.4	26.2
71	34.3	28.2	42.4

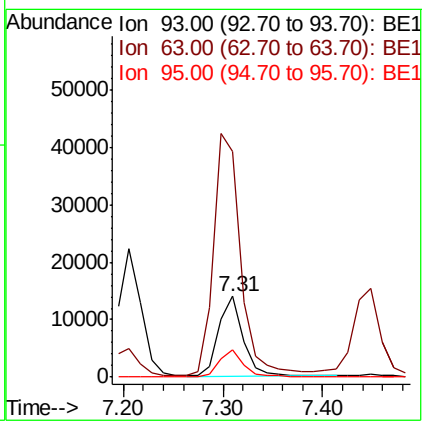


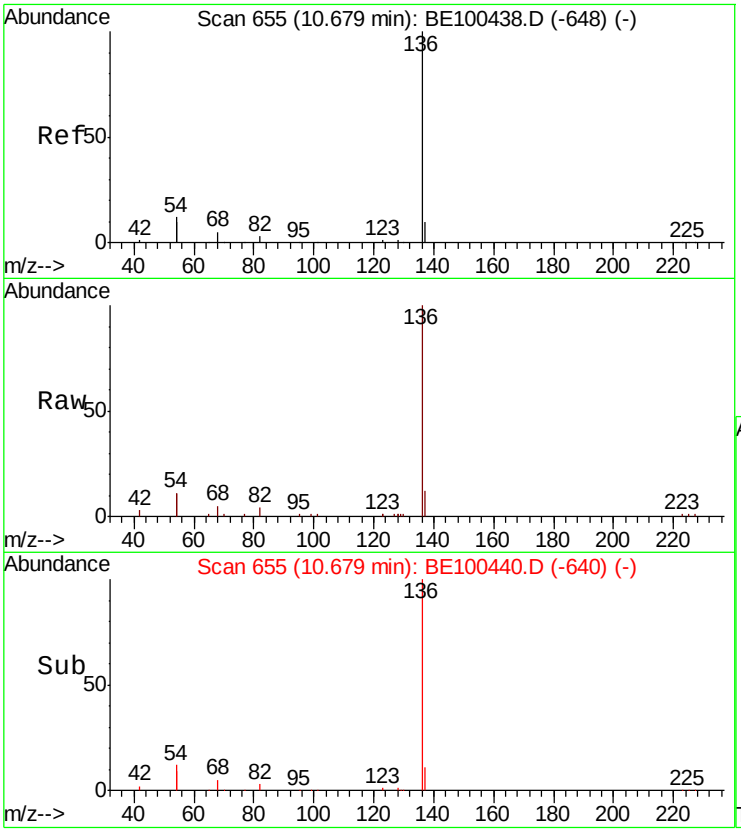


#6
bis(2-Chloroethyl)ether
Concen: 1.654 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion: 93 Resp: 23534

Ion	Ratio	Lower	Upper
93	100		
63	335.6	266.9	400.3
95	33.8	26.8	40.2



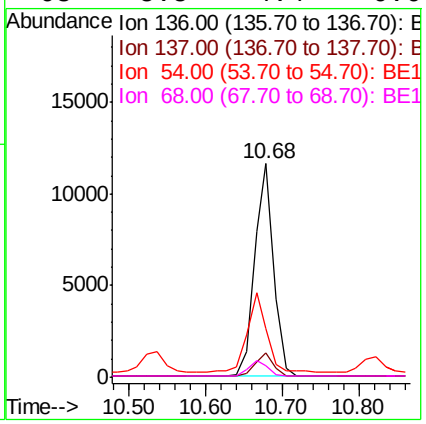


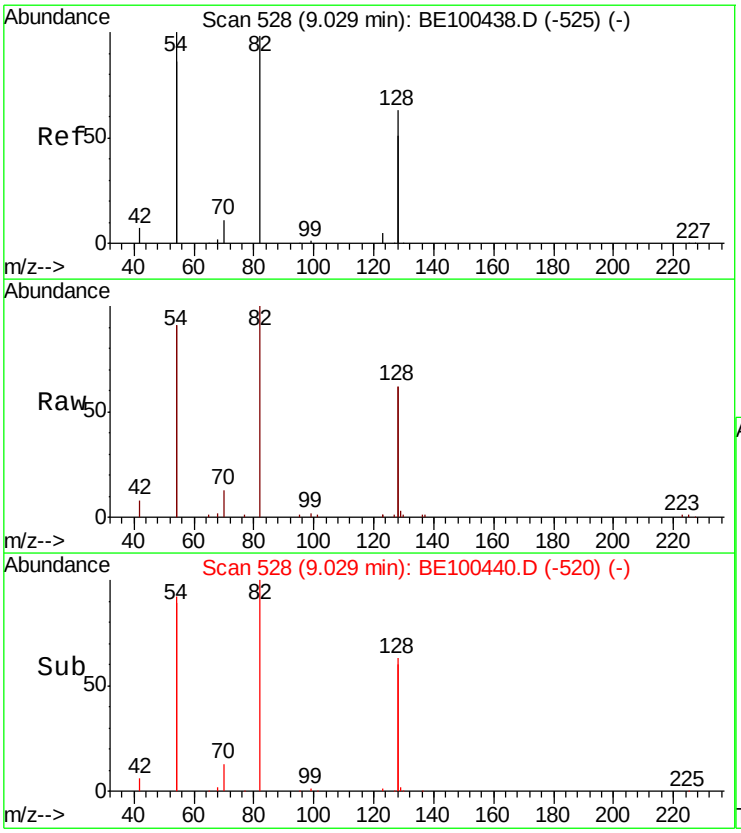
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 20012

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	22.9	19.6	29.4
68	5.5	4.4	6.6

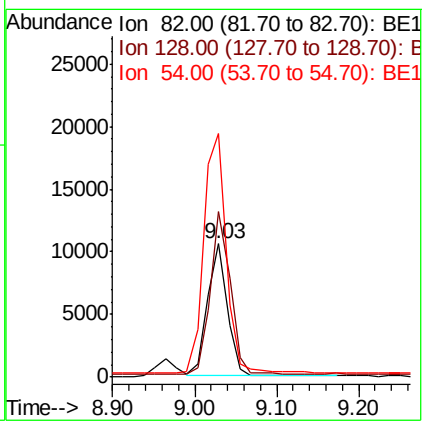


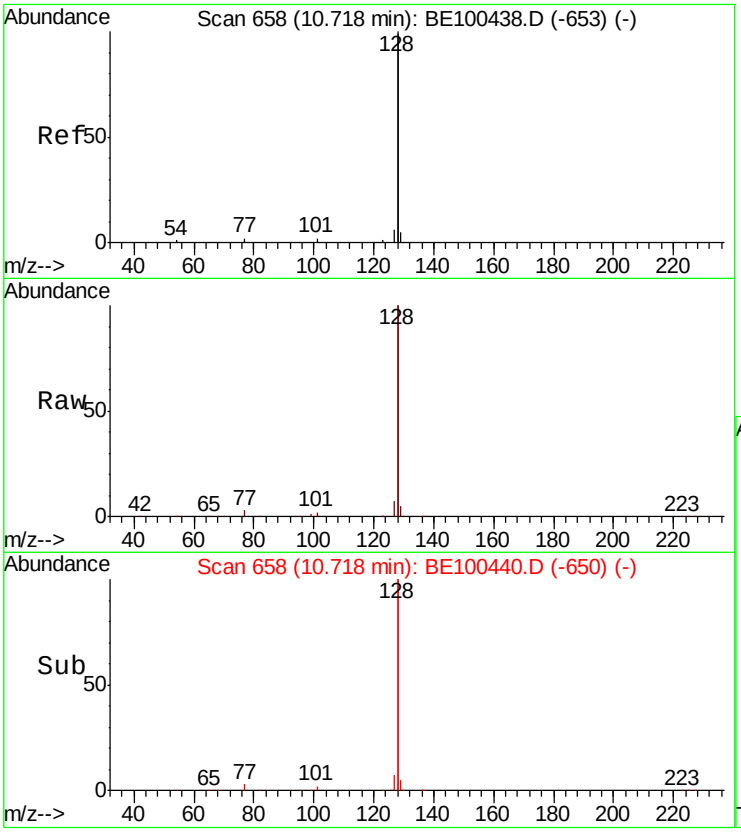


#8
Nitrobenzene-d5
Concen: 1.735 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion: 82 Resp: 17756

Ion	Ratio	Lower	Upper
82	100		
128	124.1	97.9	146.9
54	182.7	155.0	232.6



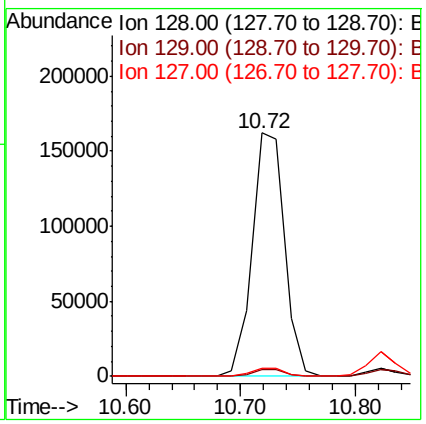


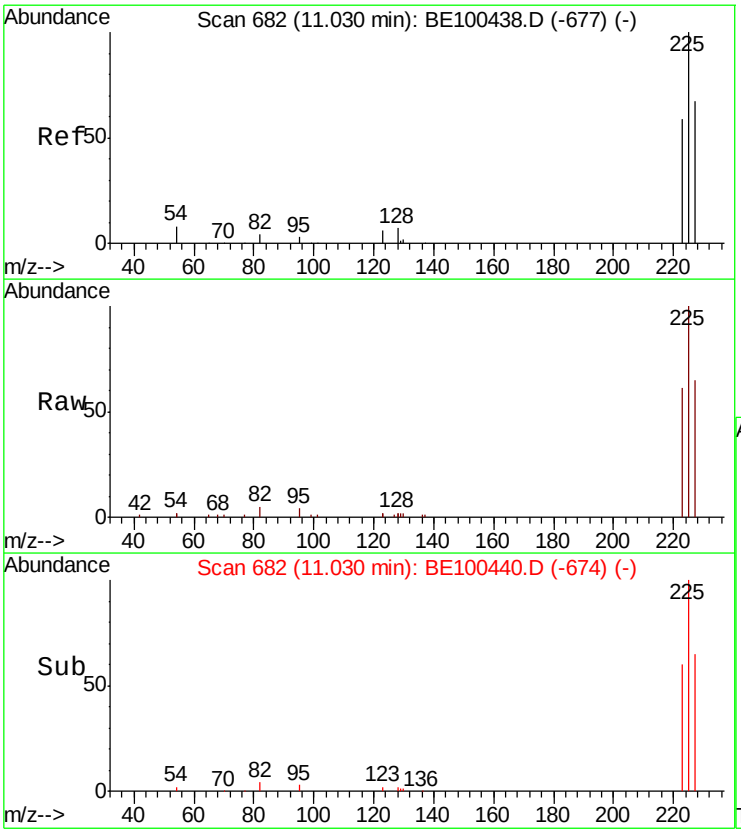
#9
Naphthalene
Concen: 1.633 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 318264

Ion	Ratio	Lower	Upper
128	100		
129	2.6	2.2	3.4
127	3.4	2.7	4.1

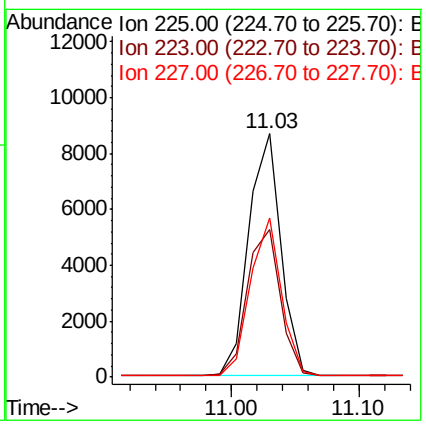


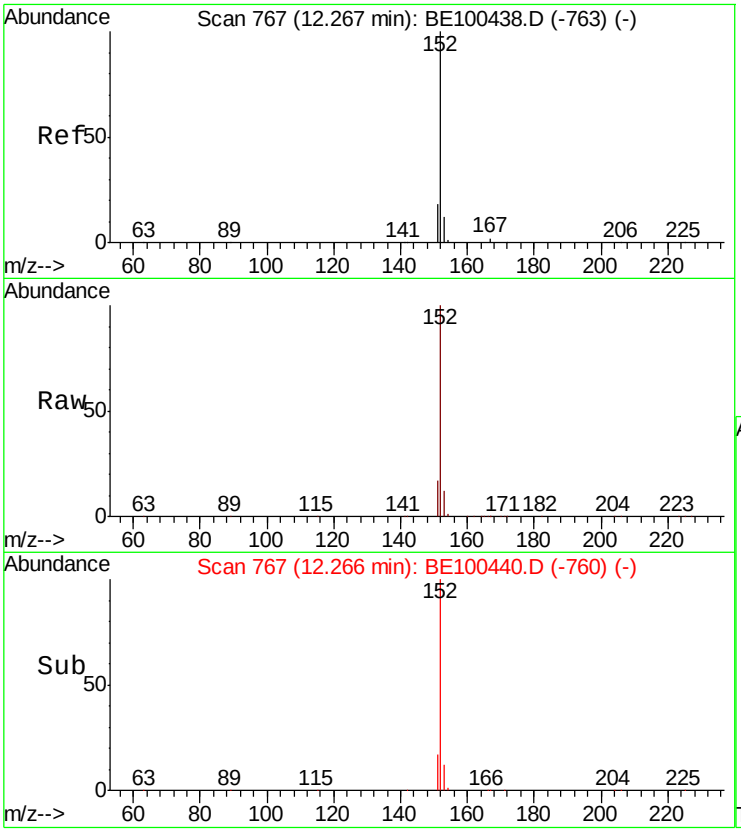


#10
Hexachlorobutadiene
Concen: 1.631 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:225 Resp: 15182

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	62.8	52.3	78.5



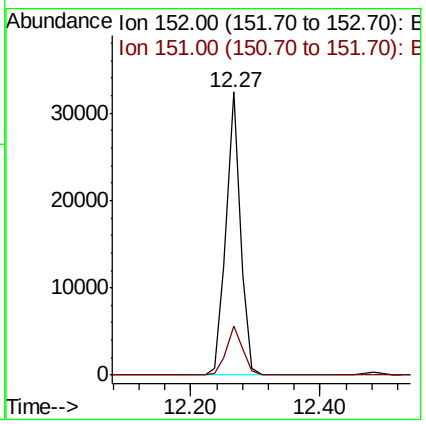


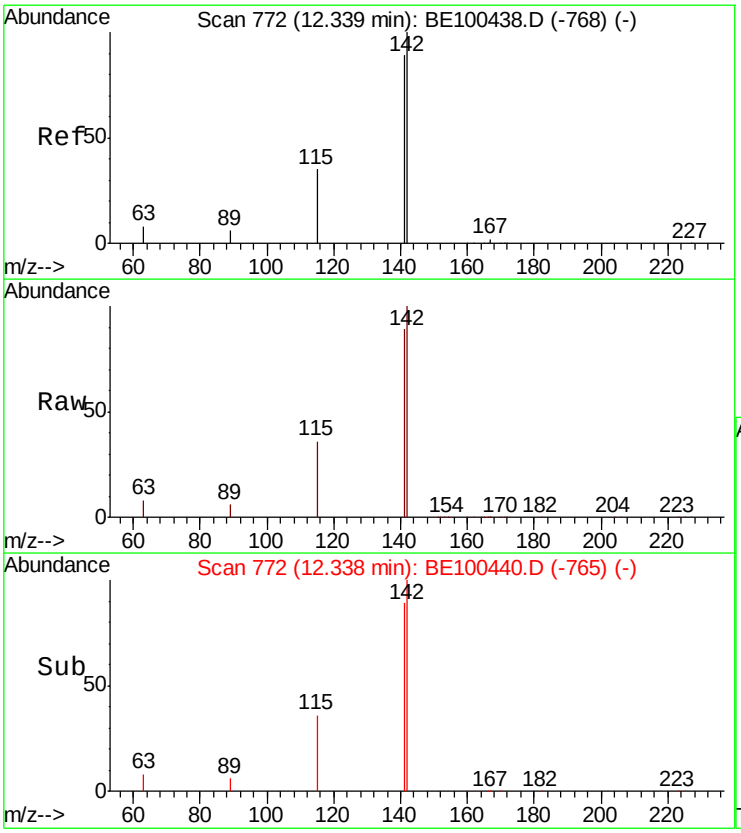
#11
2-Methylnaphthalene-d10
Concen: 1.132 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 49987

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.0	24.0

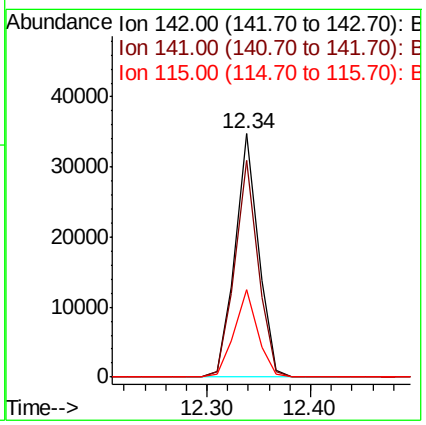


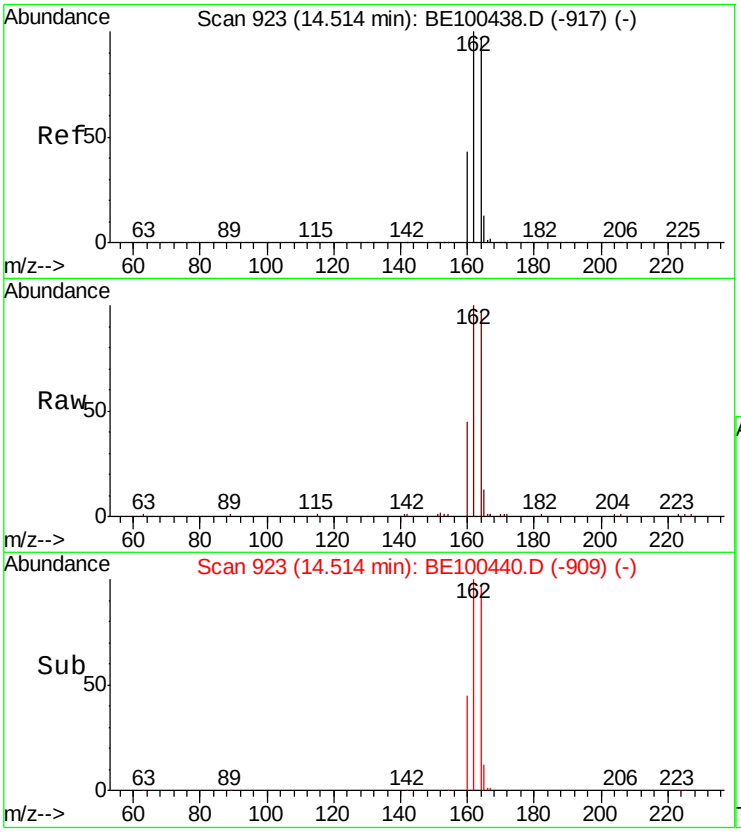


#12
2-Methylnaphthalene
Concen: 1.650 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:142 Resp: 54159

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	35.8	29.0	43.4



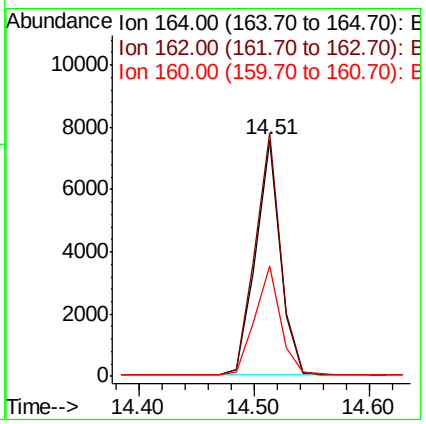


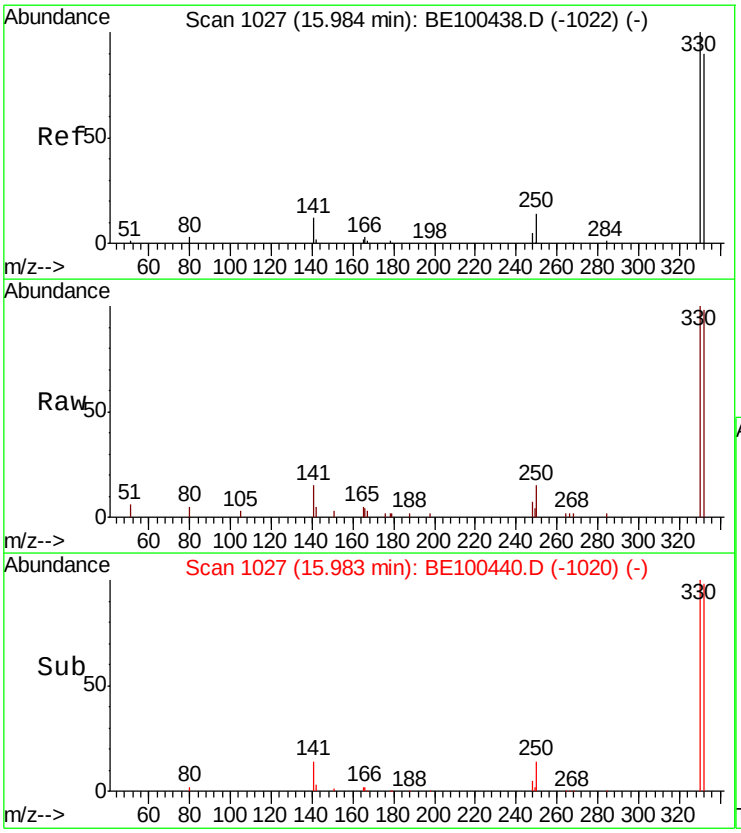
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 11127

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.6	35.6	53.4

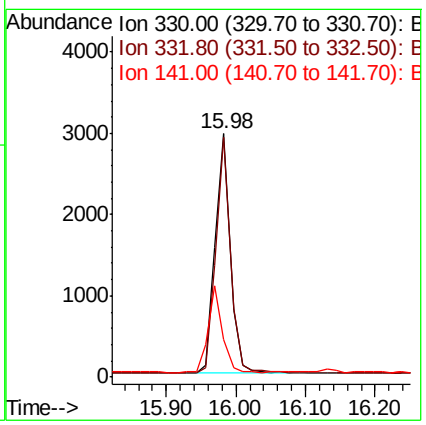


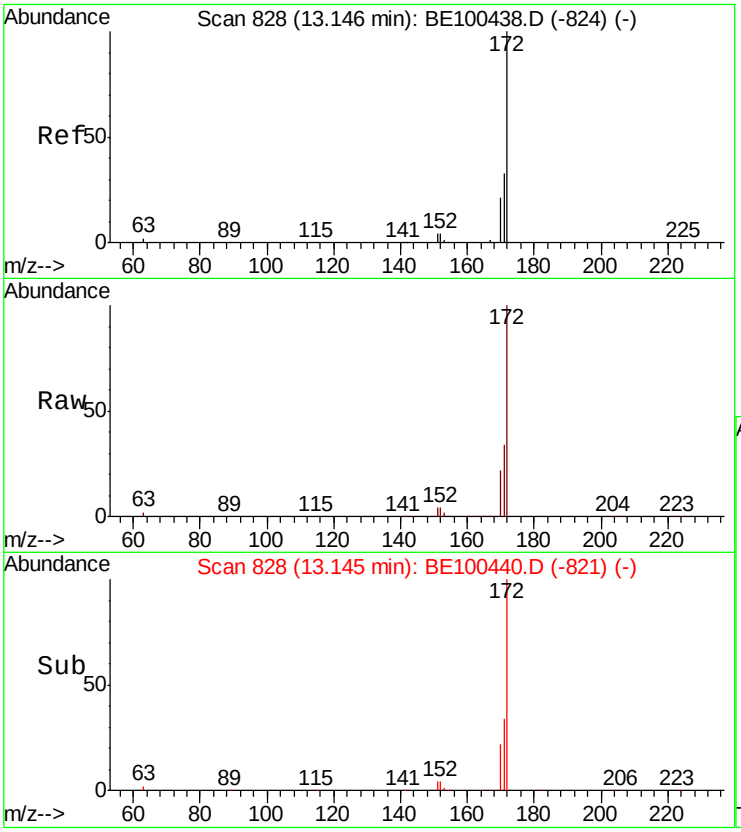


#14
2,4,6-Tribromophenol
Concen: 1.559 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:330 Resp: 4486

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.3	114.5
141	34.4	28.1	42.1



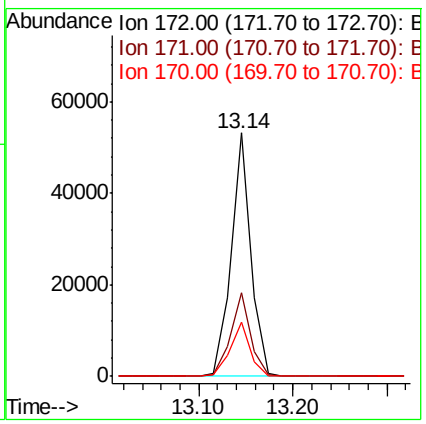


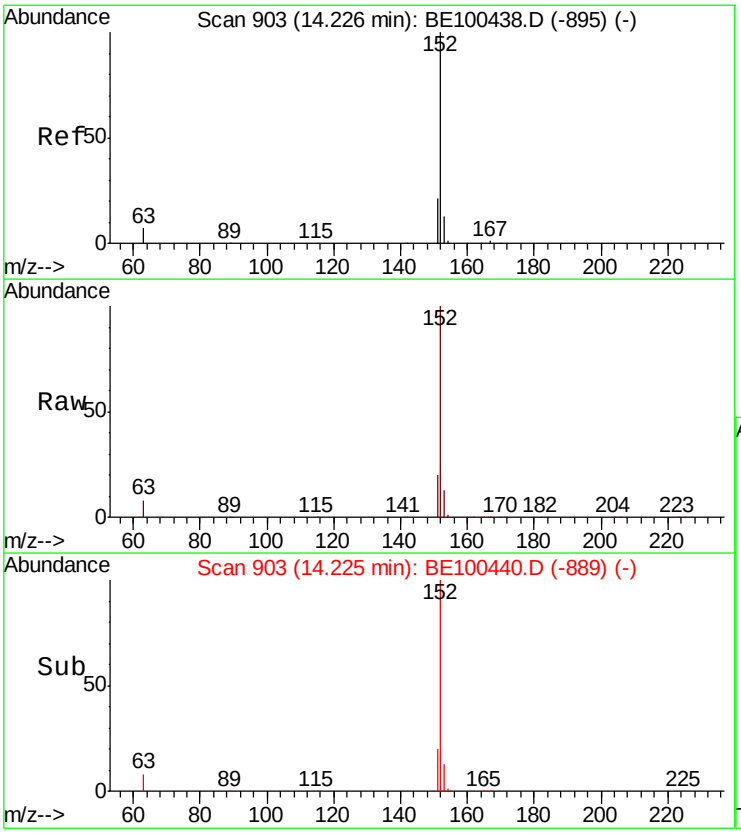
#15
2-Fluorobiphenyl
Concen: 1.562 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 77057

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.0	40.4
170	22.2	17.4	26.0

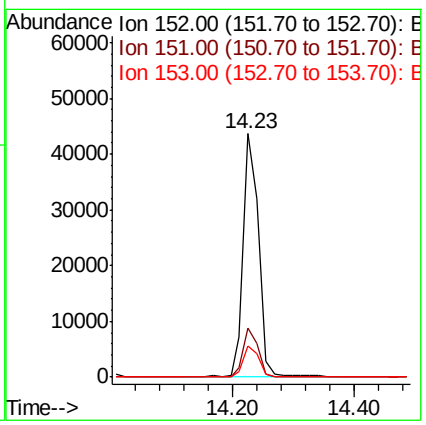


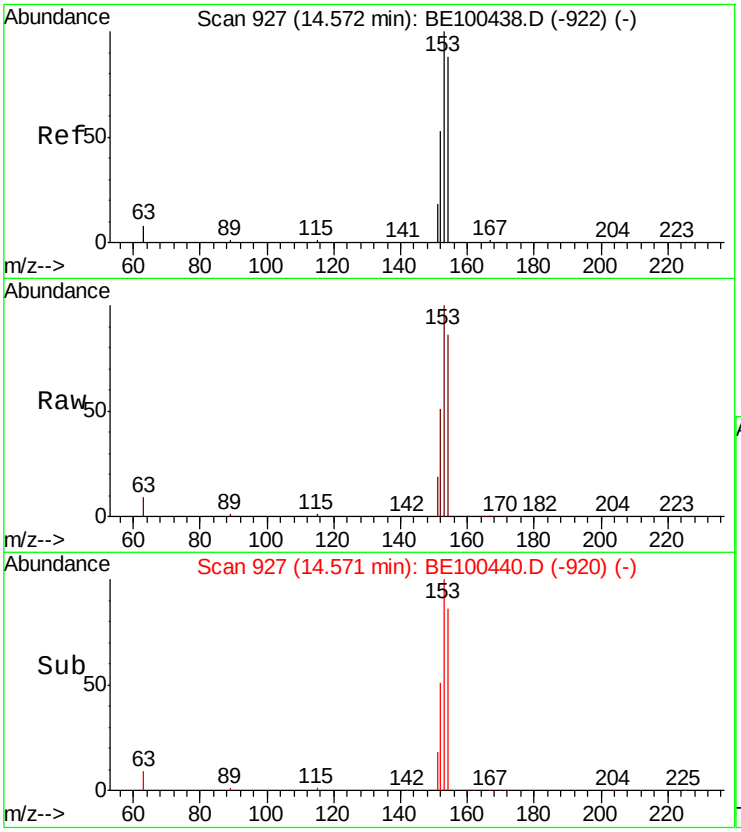


#16
Acenaphthylene
Concen: 1.642 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:152 Resp: 75735

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.9	10.4	15.6



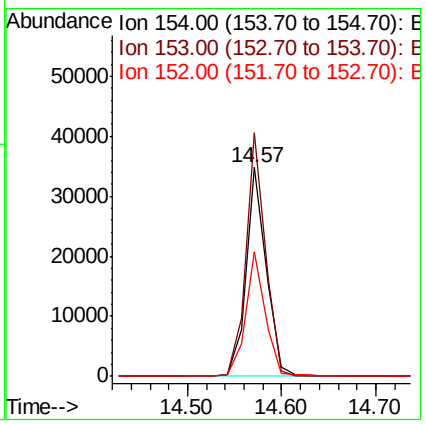


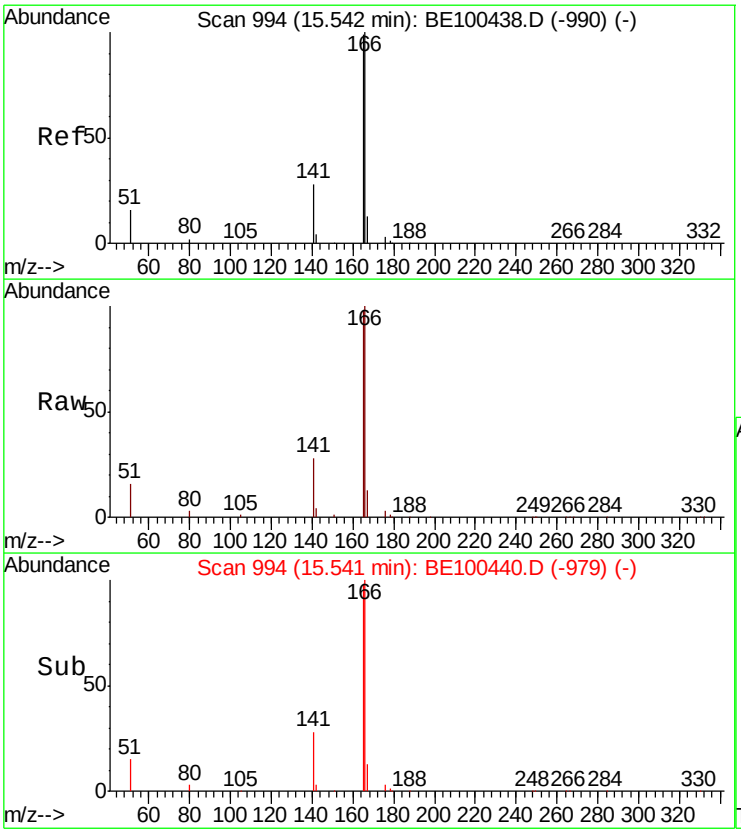
#17
Acenaphthene
Concen: 1.629 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 51236

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	58.2	49.4	74.2

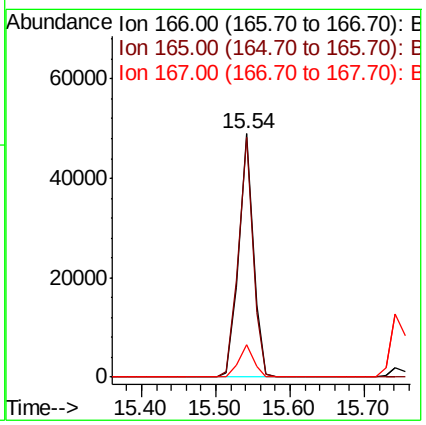


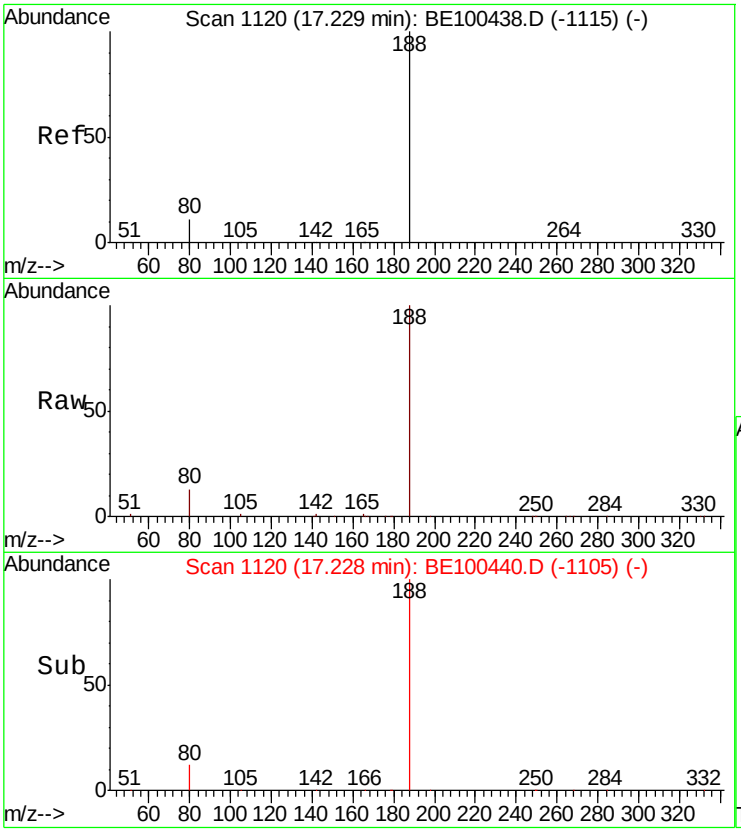


#18
Fluorene
Concen: 1.660 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:166 Resp: 67000

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.6	119.4
167	13.4	10.6	15.8



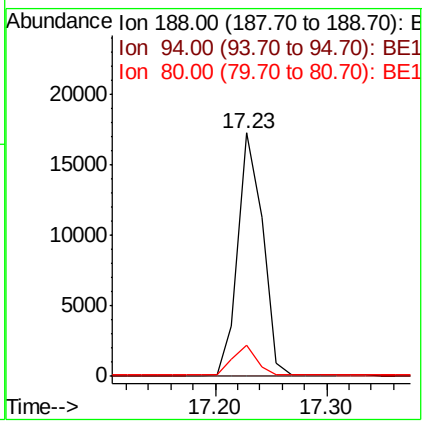


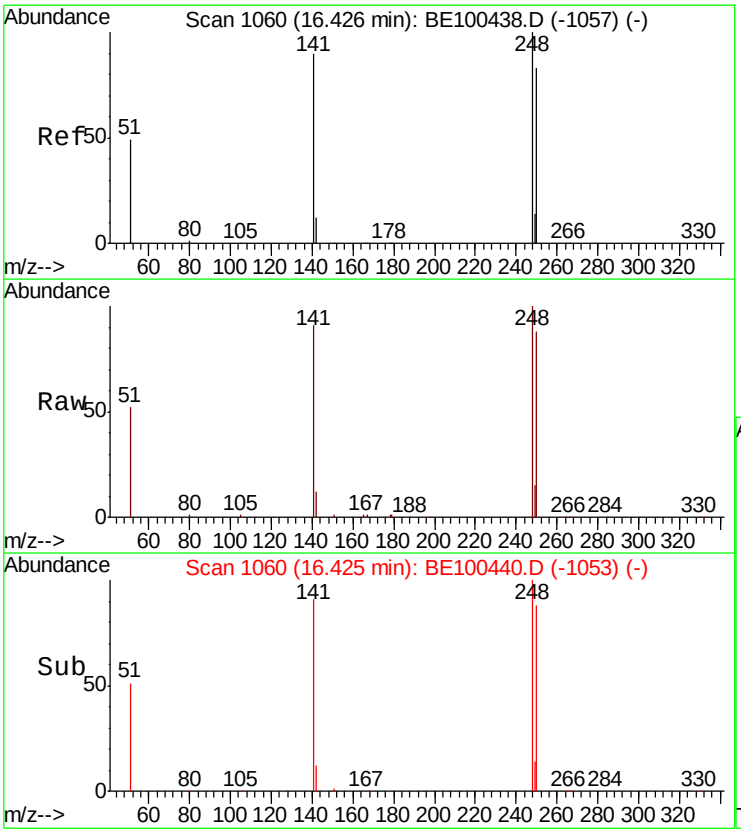
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 26613

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	9.2	13.8

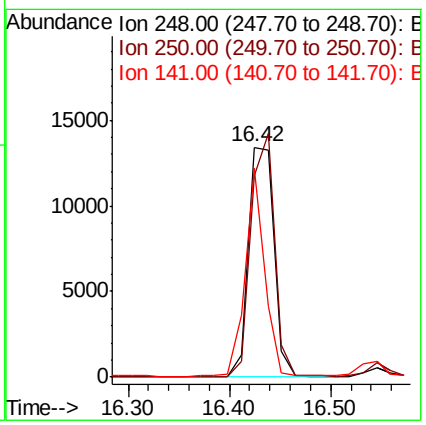


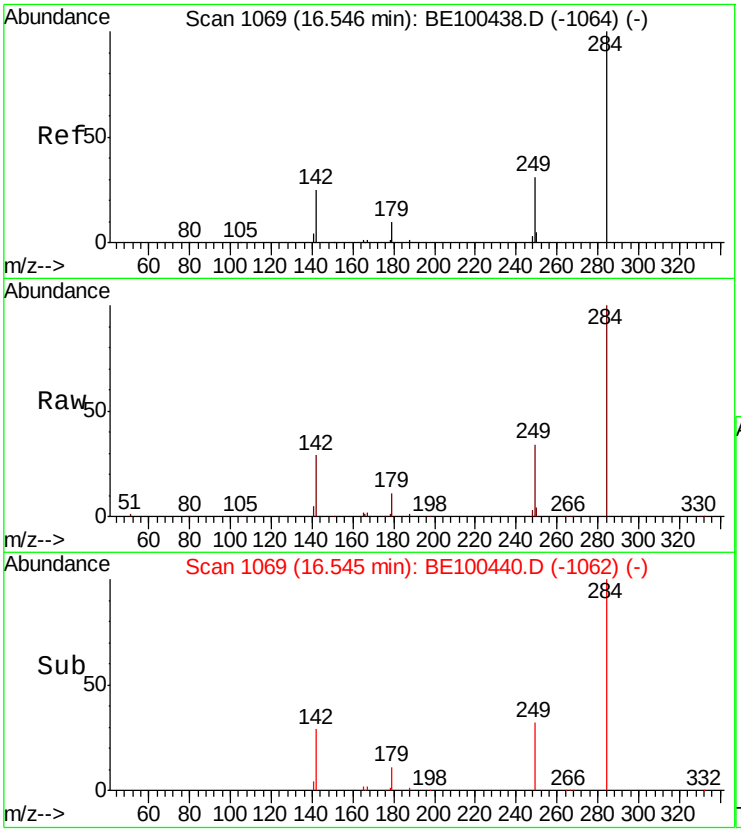


#20
4-Bromophenyl-phenylether
Concen: 1.732 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:248 Resp: 23581

Ion	Ratio	Lower	Upper
248	100		
250	87.7	67.1	100.7
141	91.1	72.2	108.2



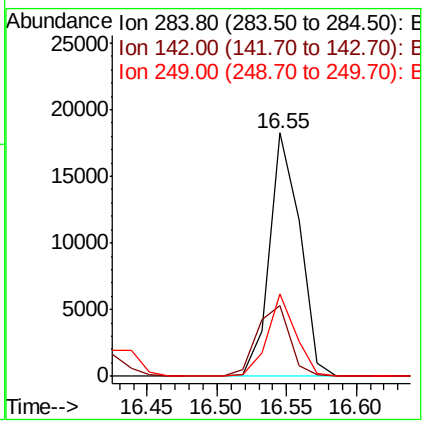


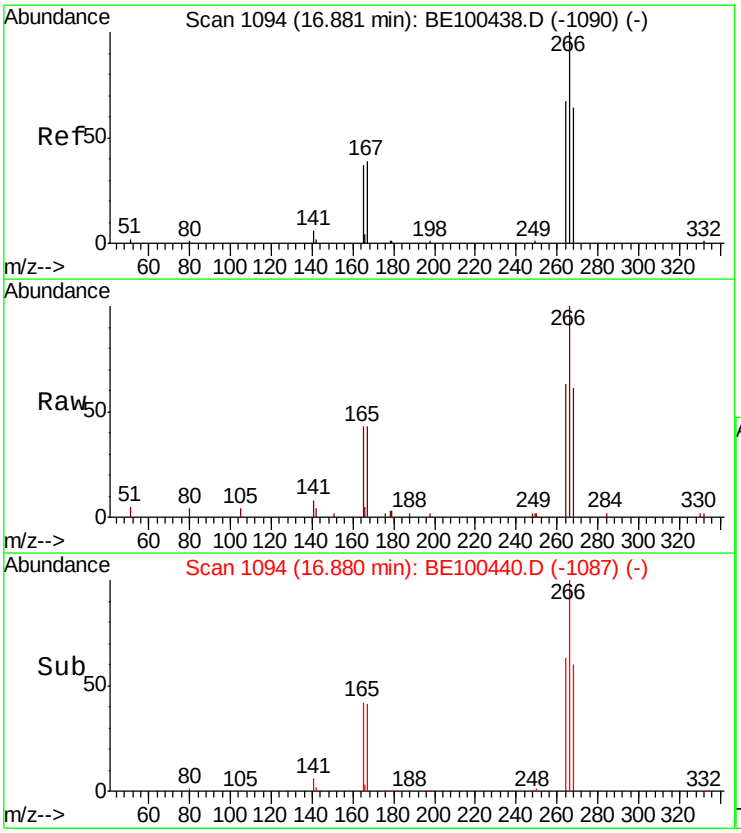
#21
Hexachlorobenzene
Concen: 1.763 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 27478

Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.6	38.4
249	30.8	25.1	37.7

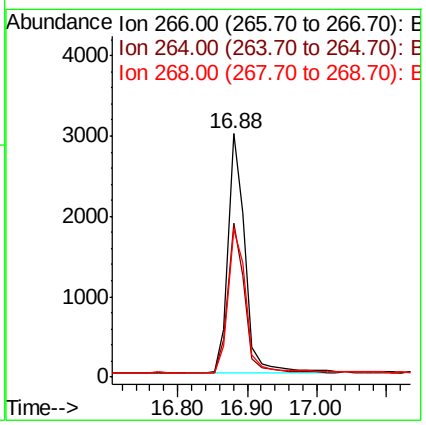


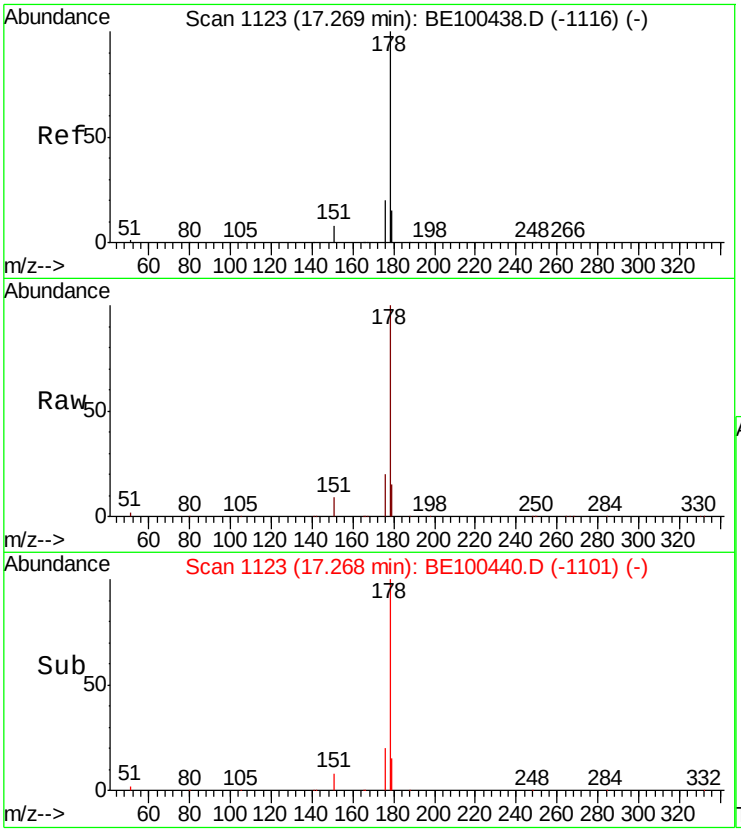


#22
Pentachlorophenol
Concen: 1.625 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:266 Resp: 4987

Ion	Ratio	Lower	Upper
266	100		
264	63.2	56.2	84.2
268	60.7	54.9	82.3



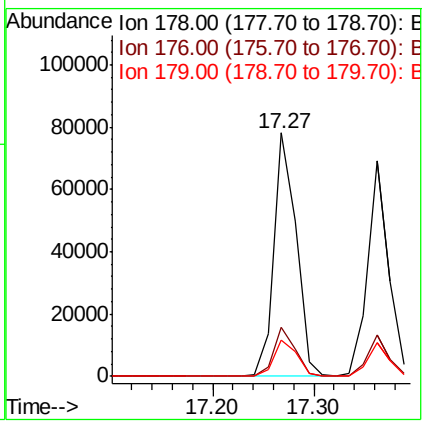


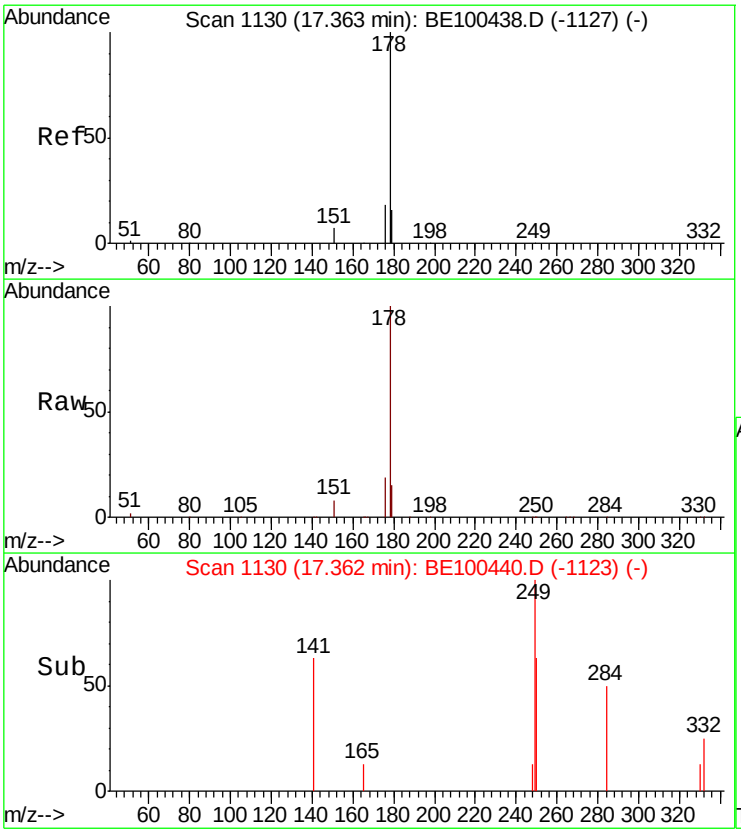
#23
Phenanthrene
Concen: 1.704 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 117824

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.4	18.6

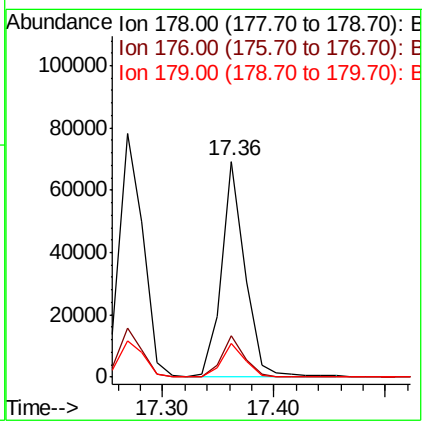


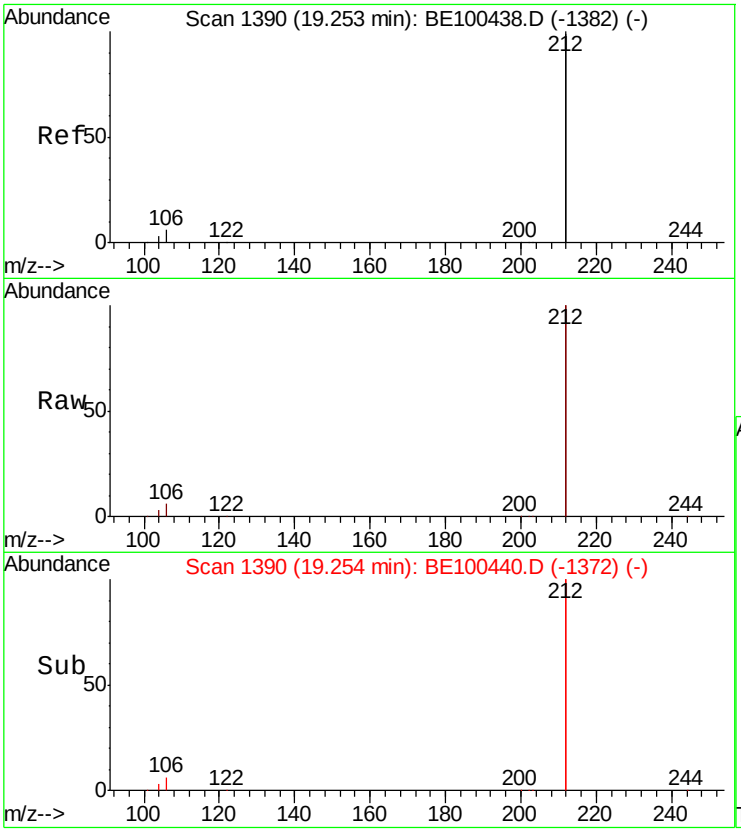


#24
Anthracene
Concen: 1.721 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:178 Resp: 100894

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.3	18.5



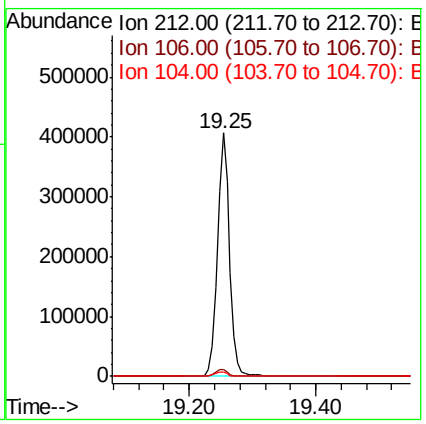


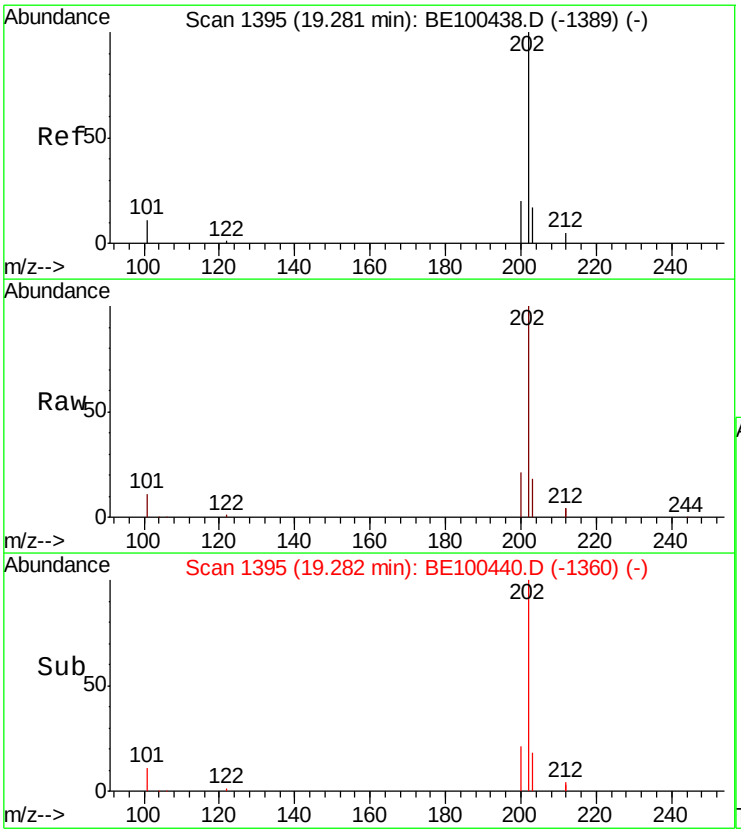
#25
Fluoranthene-d10
Concen: 1.133 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 533245

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.7	1.4	2.2

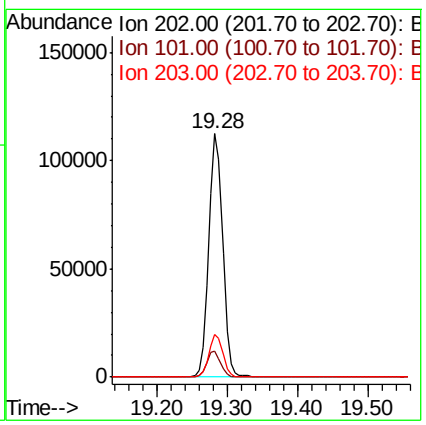


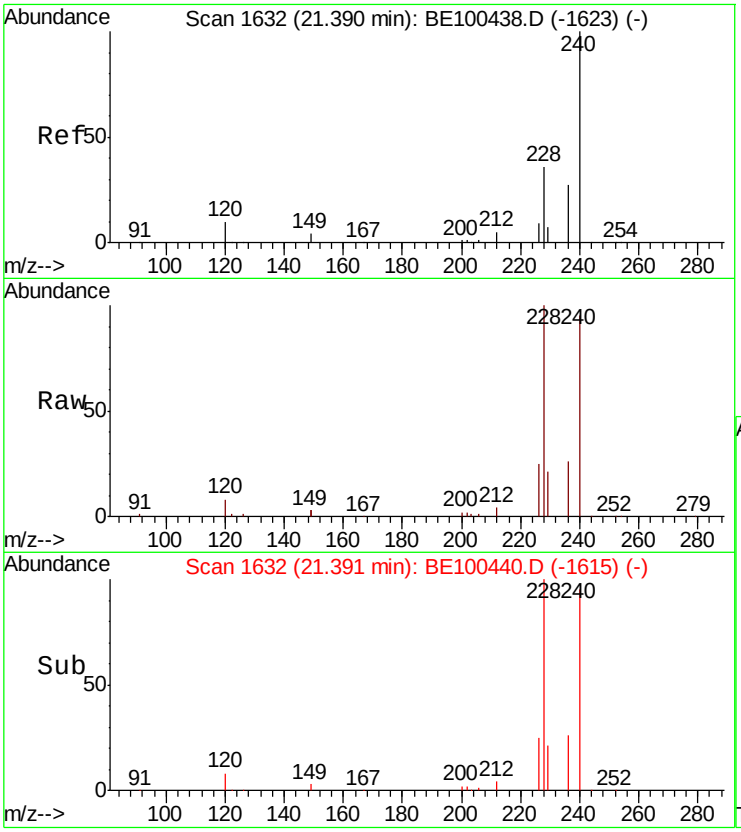


#26
Fluoranthene
Concen: 1.722 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:202 Resp: 154060

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.4	13.8	20.6



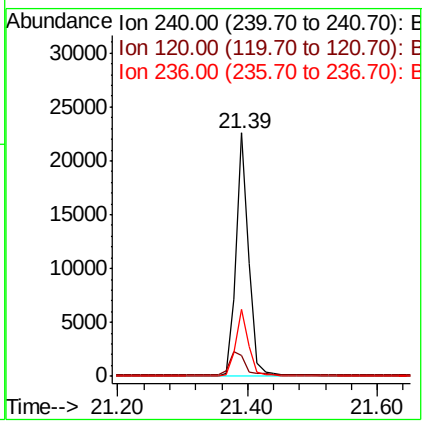


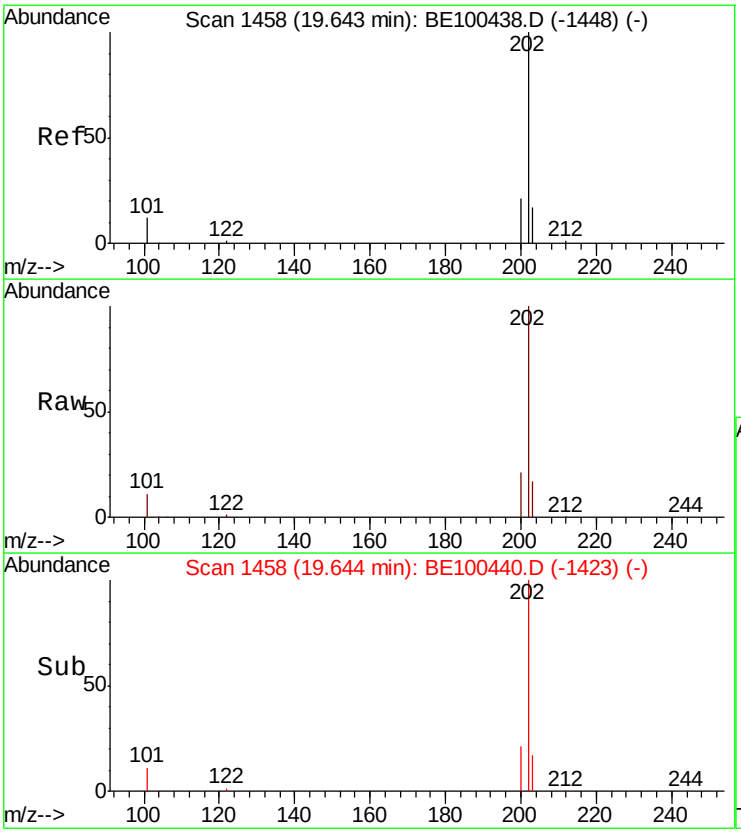
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 30787

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.8	13.2#
236	27.5	22.0	33.0

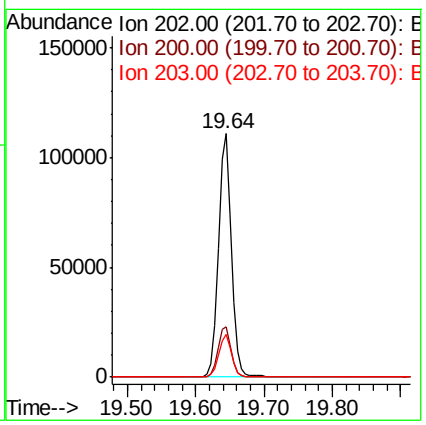


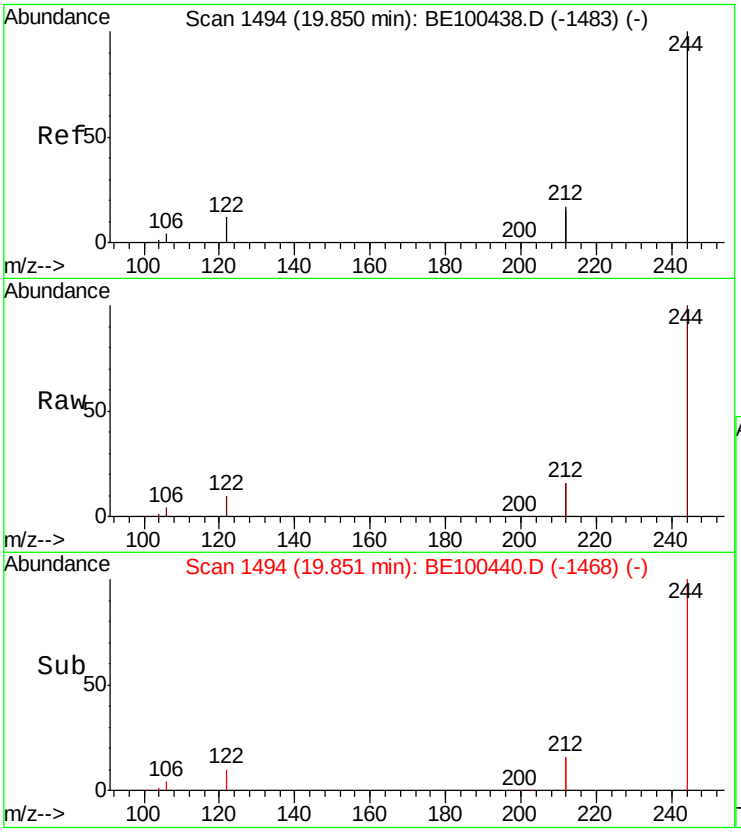


#28
Pyrene
Concen: 1.651 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:202 Resp: 148686

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.4	13.8	20.8



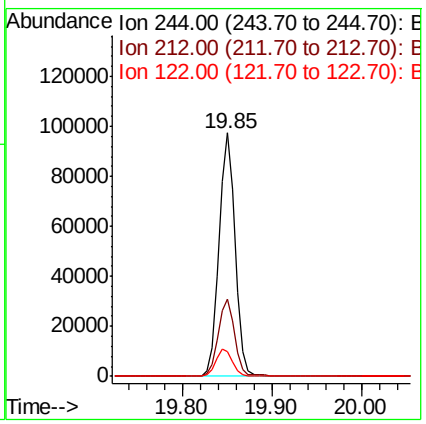


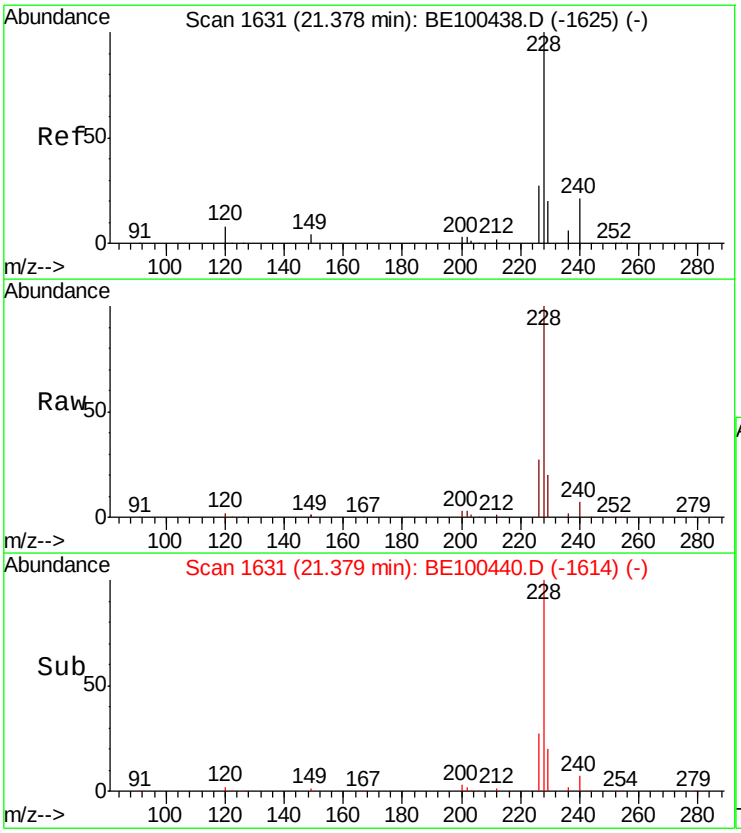
#29
Terphenyl-d14
Concen: 1.626 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 121610

Ion	Ratio	Lower	Upper
244	100		
212	31.7	26.3	39.5
122	10.4	9.4	14.2

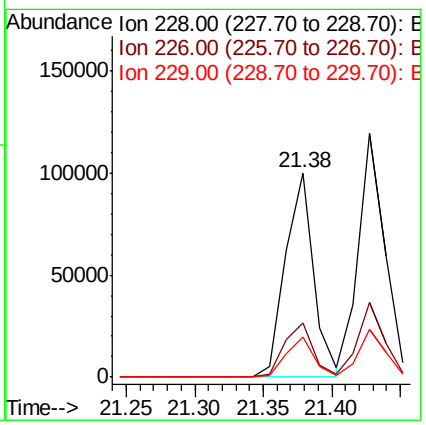


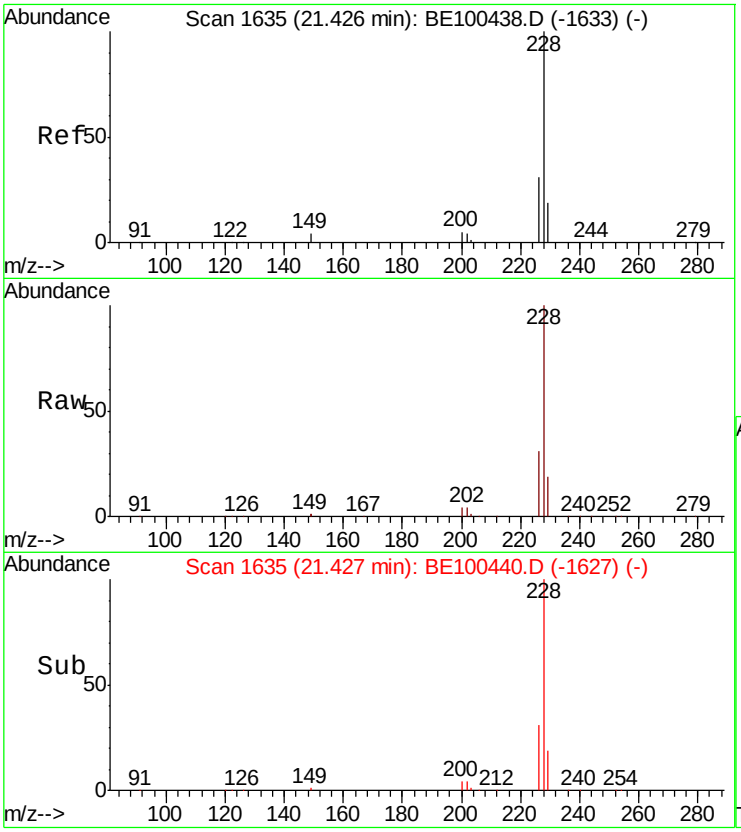


#30
Benzo(a)anthracene
Concen: 1.684 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:228 Resp: 142168

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	20.0	15.8	23.8



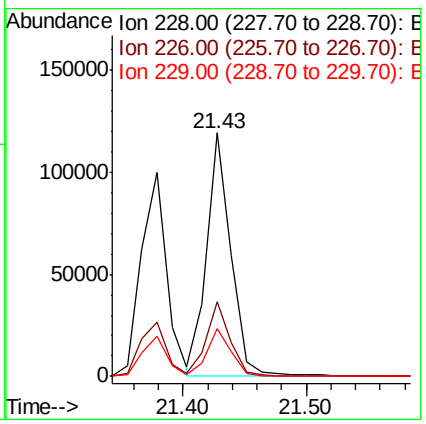


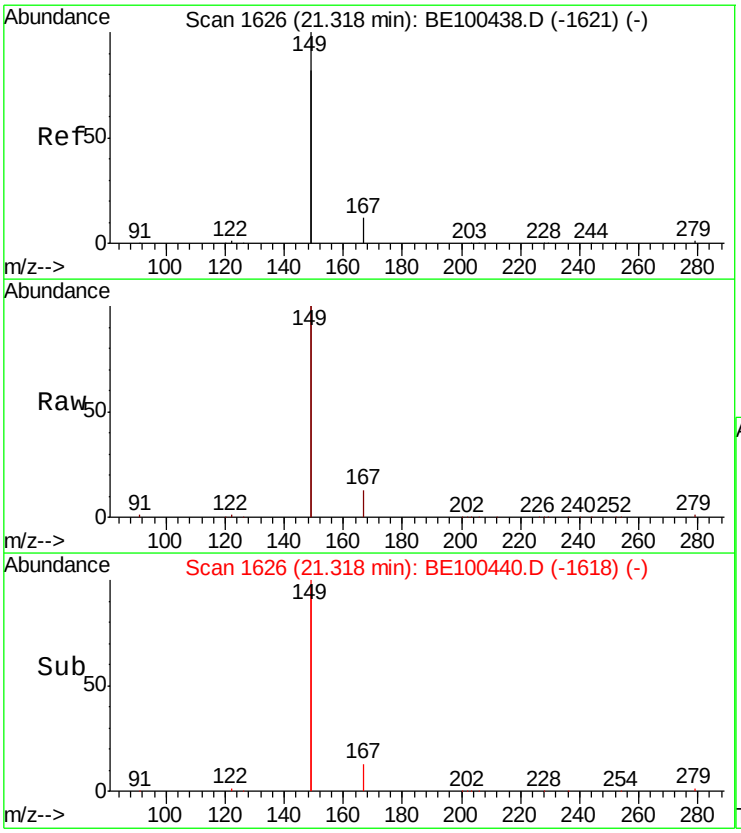
#31
Chrysene
Concen: 1.627 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 161339

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.4	15.8	23.6

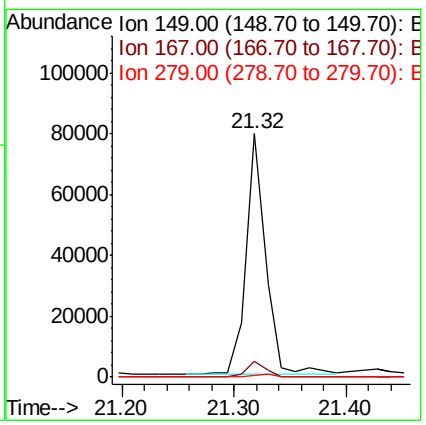


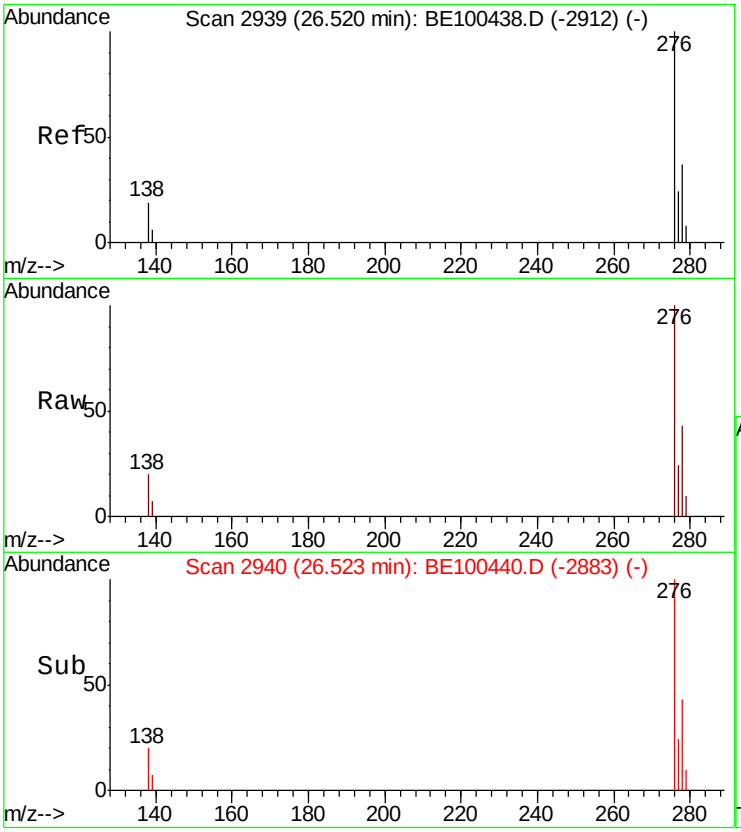


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.484 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:149 Resp: 95746

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	0.9	1.2	1.8#



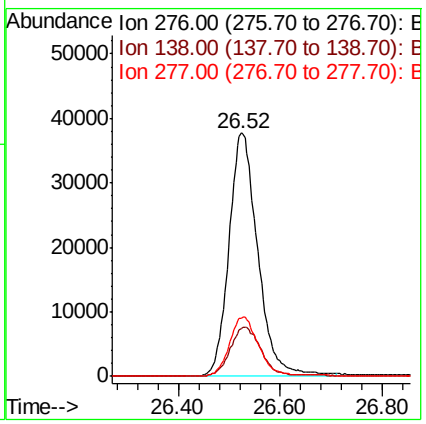


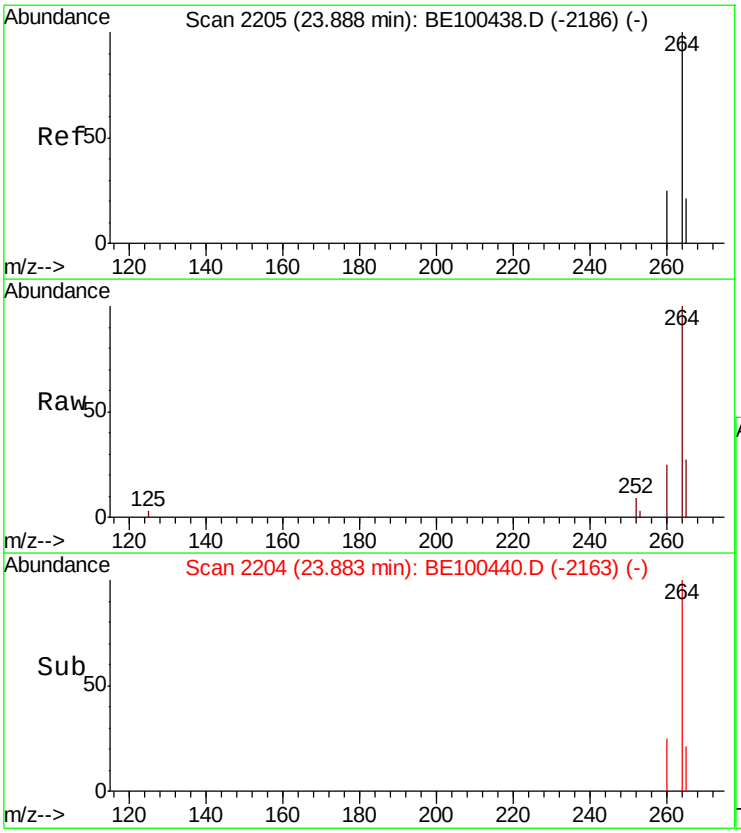
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.647 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 147889

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	24.4	19.8	29.6

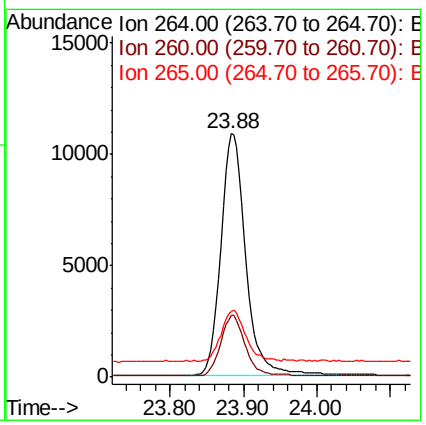


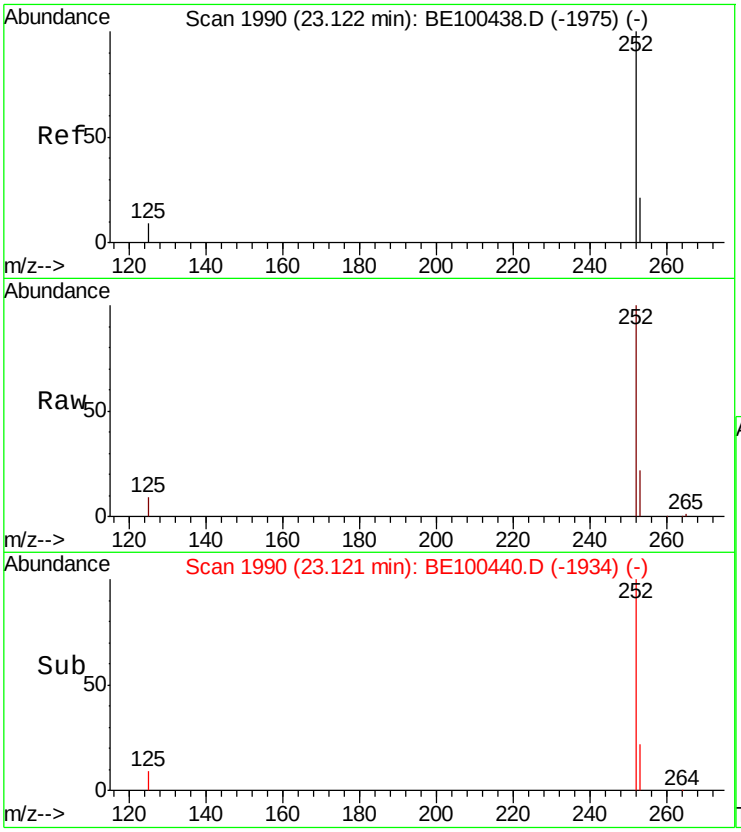


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:264 Resp: 26125

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	27.2	22.2	33.4



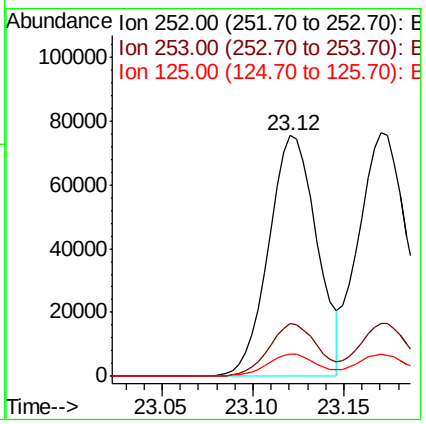


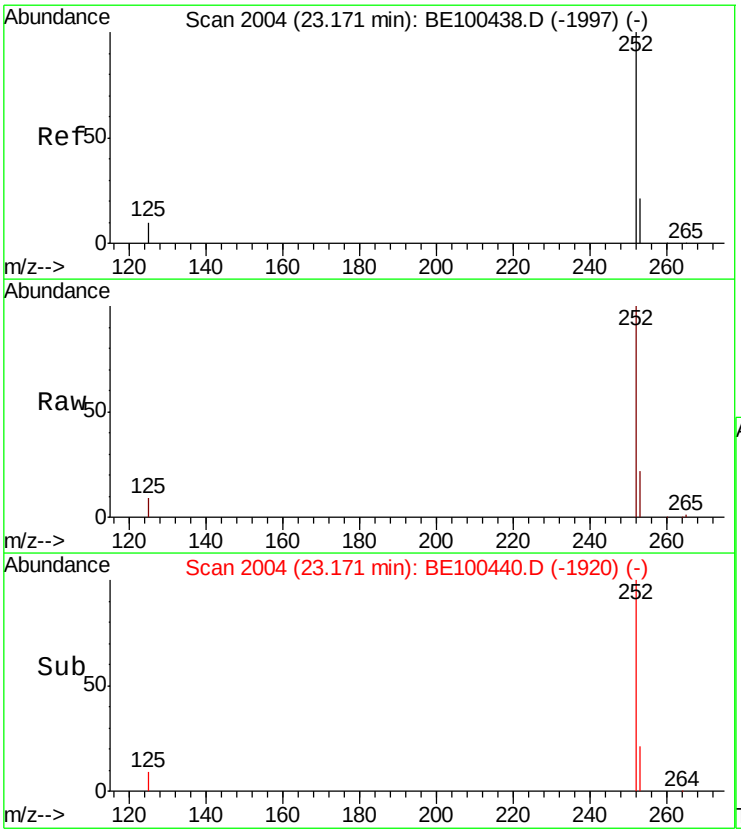
#35
Benzo(b)fluoranthene
Concen: 1.683 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 138091

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.1	8.0	12.0

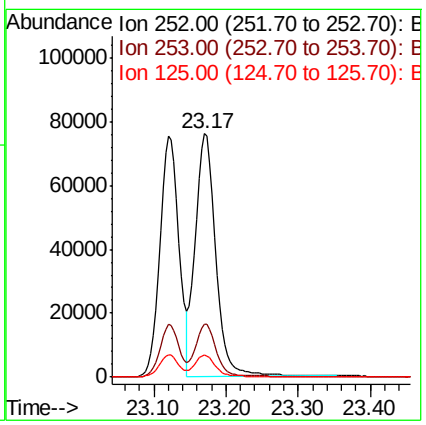


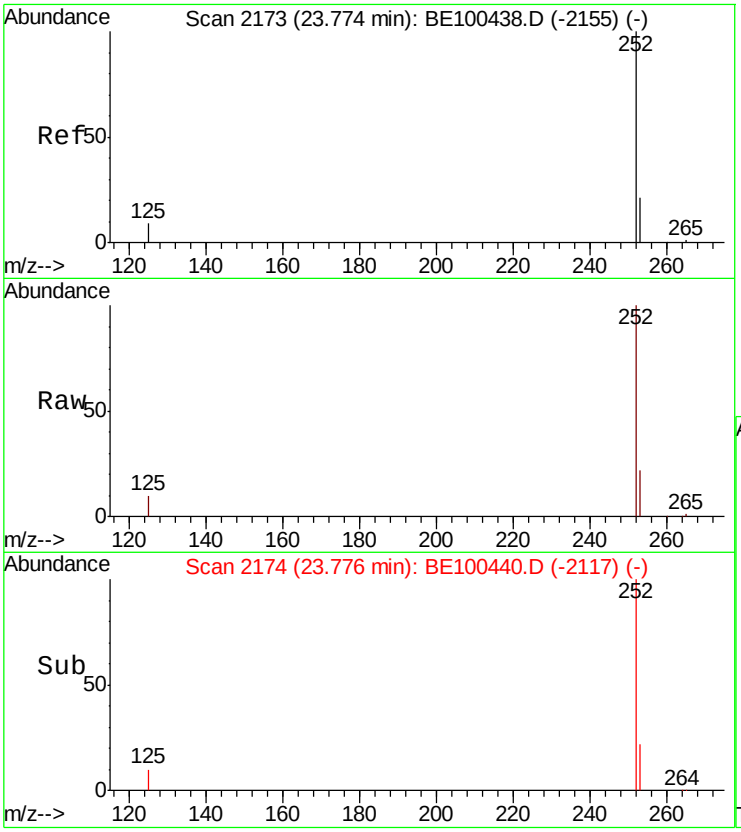


#36
Benzo(k)fluoranthene
Concen: 1.763 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:252 Resp: 151333

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.3	8.3	12.5



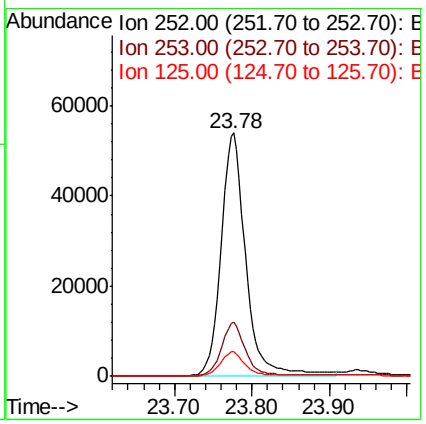


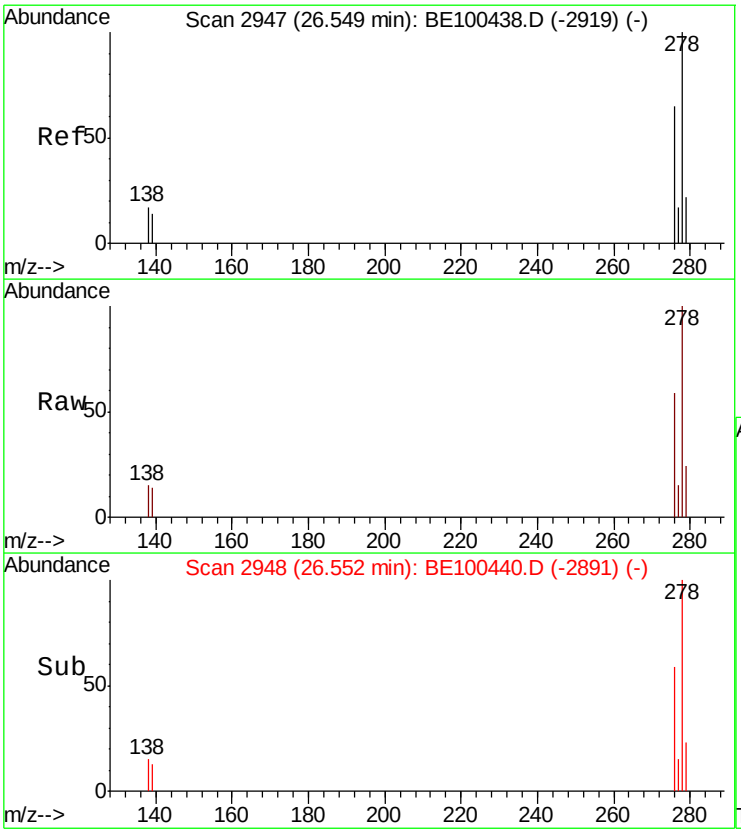
#37
Benzo(a)pyrene
Concen: 1.720 ng
RT: 23.78 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 118094

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.0	9.0	13.6

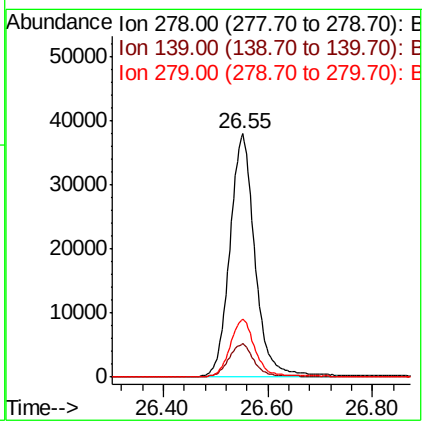


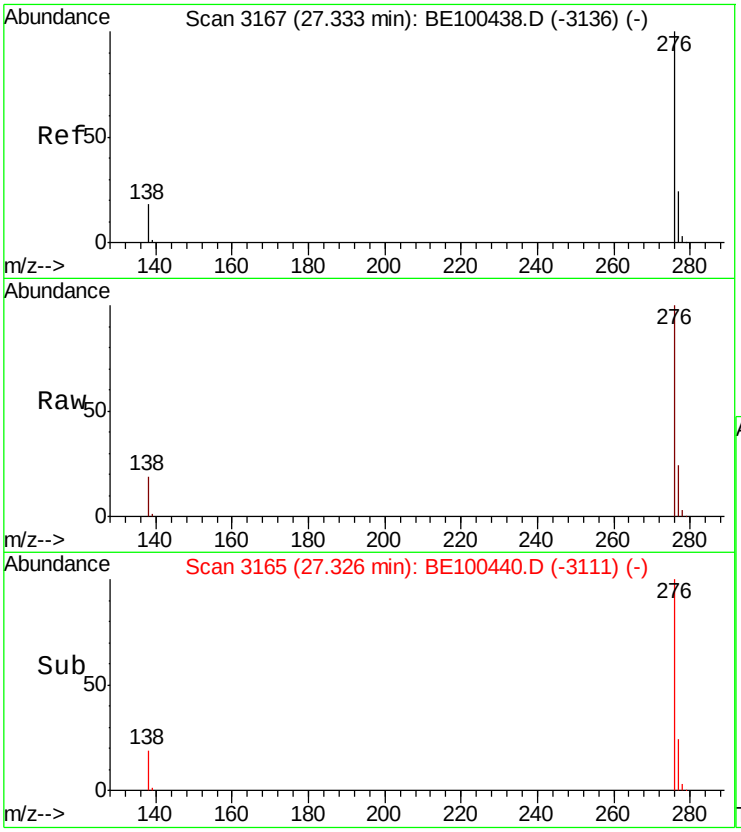


#38
Dibenzo(a,h)anthracene
Concen: 1.763 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:278 Resp: 126367

Ion	Ratio	Lower	Upper
278	100		
139	13.6	12.2	18.2
279	23.6	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 1.697 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 126362

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	18.7	15.1	22.7