Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100439.D
Acq On : 16 Jul 2019 10:20
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 16 12:58:53 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	7.88	152	4769	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	18518	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	9756	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	24646	0.40	ng		0.00
27) Chrysene-d12	21.39	240	28759	0.40	ng		0.00
34) Perylene-d12	23.89	264	25769	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	6885	0.71	ng		0.00
5) Phenol-d6	7.04	99	10012	0.72	ng		0.00
8) Nitrobenzene-d5	9.03	82	7493	0.79	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	21536	0.53	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1634	0.65	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	35313	0.82	ng		0.00
25) Fluoranthene-d10	19.25	212	226280	0.52	ng		0.00
29) Terphenyl-d14	19.85	244	54541	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	5001	0.728	ng		96
3) n-Nitrosodimethylamine	3.70	42	3030	0.720	ng	#	85
6) bis(2-Chloroethyl)ether	7.31	93	10576	0.780	ng		100
9) Naphthalene	10.72	128	140786	0.781	ng		100
10) Hexachlorobutadiene	11.03	225	6726	0.781	ng		99
12) 2-Methylnaphthalene	12.34	142	22871	0.753	ng		98
16) Acenaphthylene	14.23	152	29651	0.733	ng		99
17) Acenaphthene	14.57	154	21457	0.778	ng		97
18) Fluorene	15.54	166	27977	0.791	ng		100
20) 4-Bromophenyl-phenylether	16.44	248	9833	0.780	ng	#	57
21) Hexachlorobenzene	16.55	284	11804	0.818	ng		99
22) Pentachlorophenol	16.88	266	1851	0.651	ng		95
23) Phenanthrene	17.27	178	51007	0.797	ng		99
24) Anthracene	17.36	178	40388	0.744	ng		100
26) Fluoranthene	19.29	202	65766	0.794	ng		100
28) Pyrene	19.64	202	63051	0.750	ng		100
30) Benzo(a)anthracene	21.38	228	58498	0.742	ng		100
31) Chrysene	21.43	228	71653	0.773	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	38235	0.634	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	63261	0.754	ng		99
35) Benzo(b)fluoranthene	23.12	252	60730	0.750	ng		99
36) Benzo(k)fluoranthene	23.17	252	64964	0.767	ng		99
37) Benzo(a)pyrene	23.77	252	48239	0.712	ng		99
38) Dibenzo(a,h)anthracene	26.55	278	53887	0.762	ng		98
39) Benzo(g,h,i)perylene	27.33	276	55166	0.751	ng		98

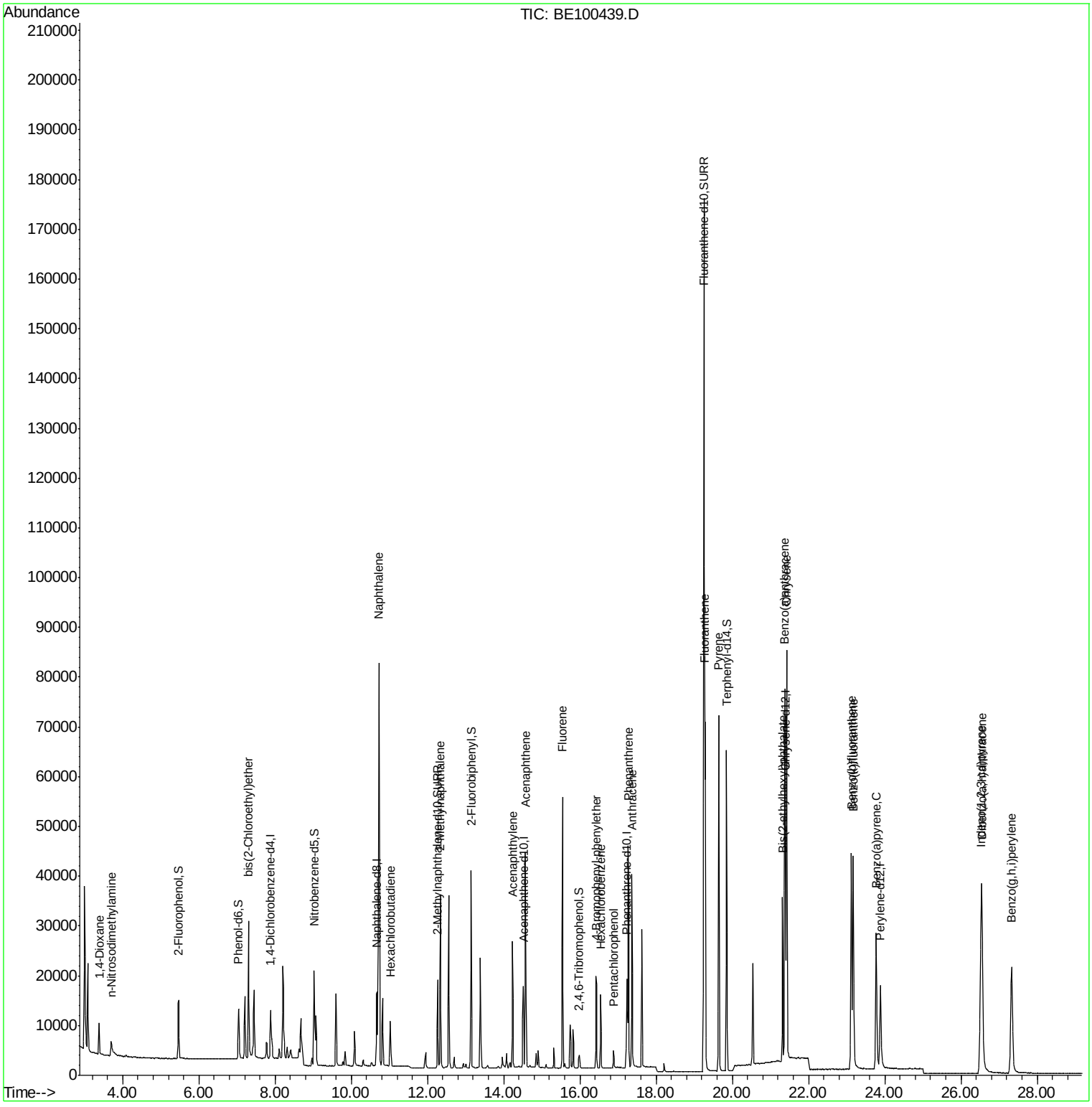
(#) = qualifier out of range (m) = manual integration (+) = signals summed

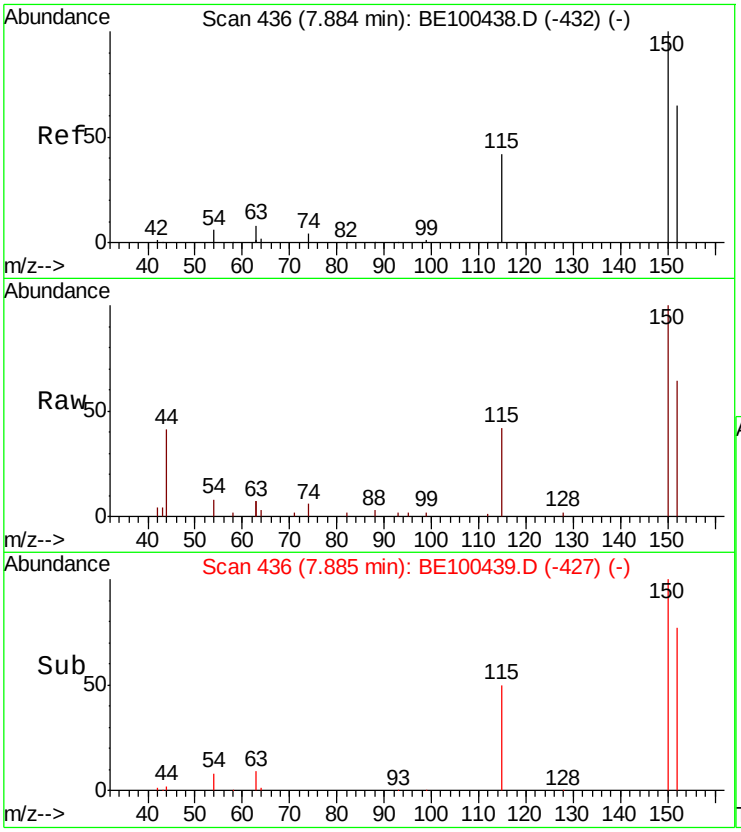
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100439.D
Acq On : 16 Jul 2019 10:20
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 16 12:58:53 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



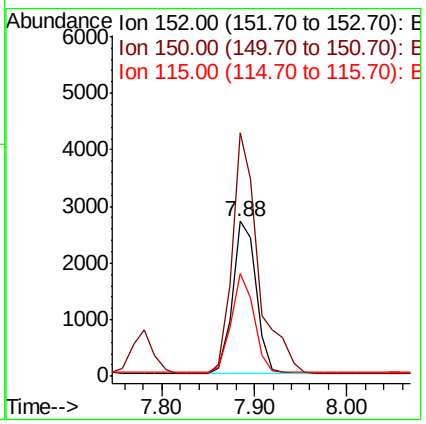


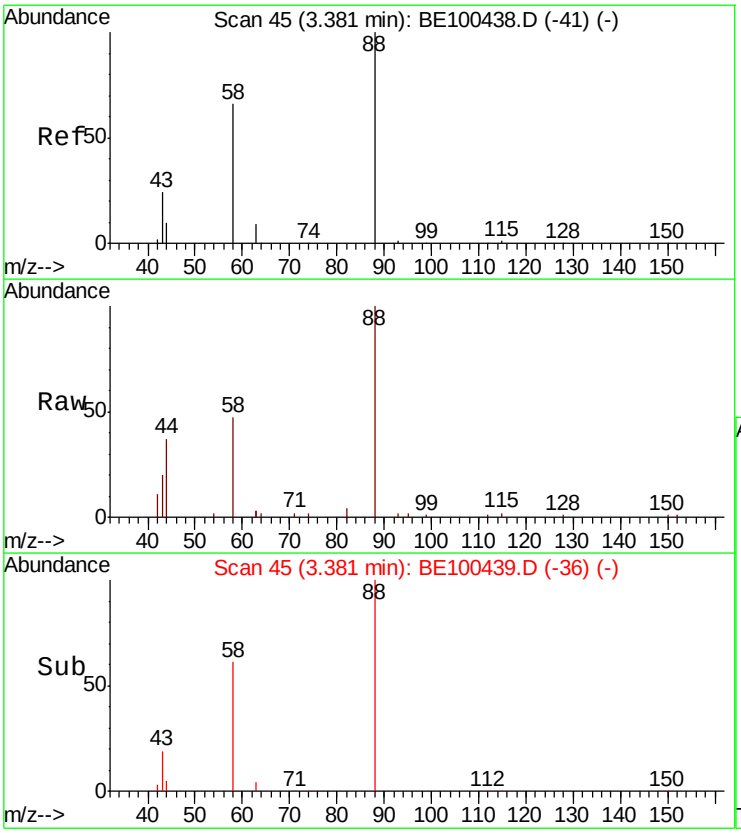
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4769

Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.7	182.5
115	66.4	52.4	78.6

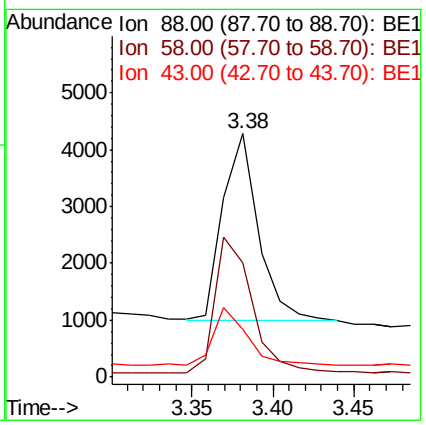


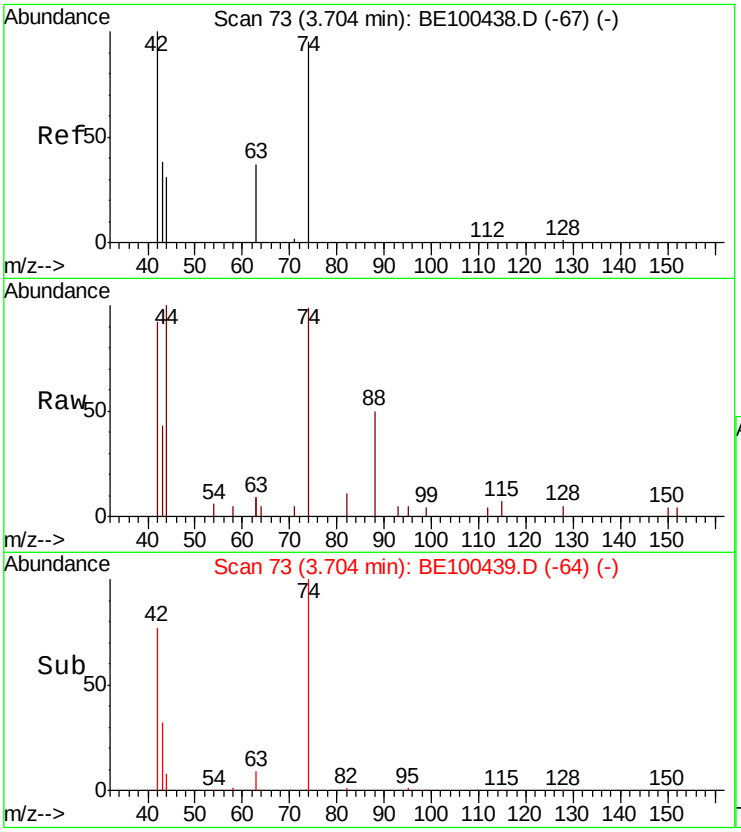


#2
1,4-Dioxane
Concen: 0.728 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 88 Resp: 5001

Ion	Ratio	Lower	Upper
88	100		
58	76.5	57.8	86.8
43	30.2	25.0	37.6



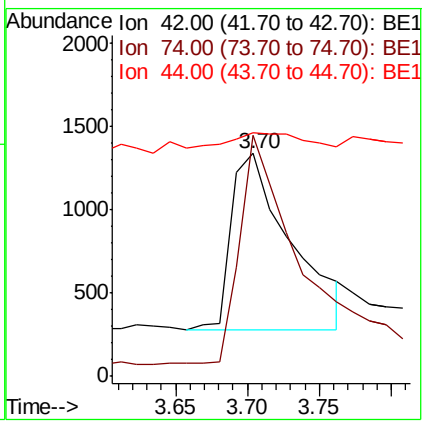


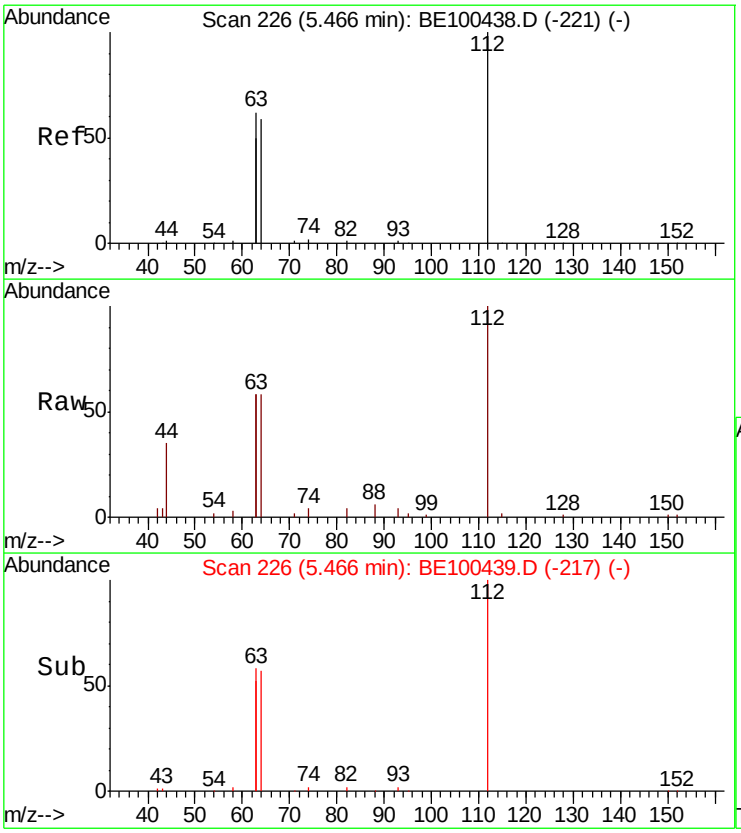
#3
n-Nitrosodimethylamine
Concen: 0.720 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3030

Ion	Ratio	Lower	Upper
42	100		
74	118.7	85.3	127.9
44	12.2	21.8	32.8#

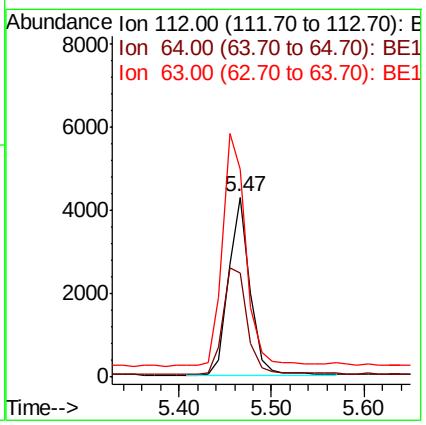


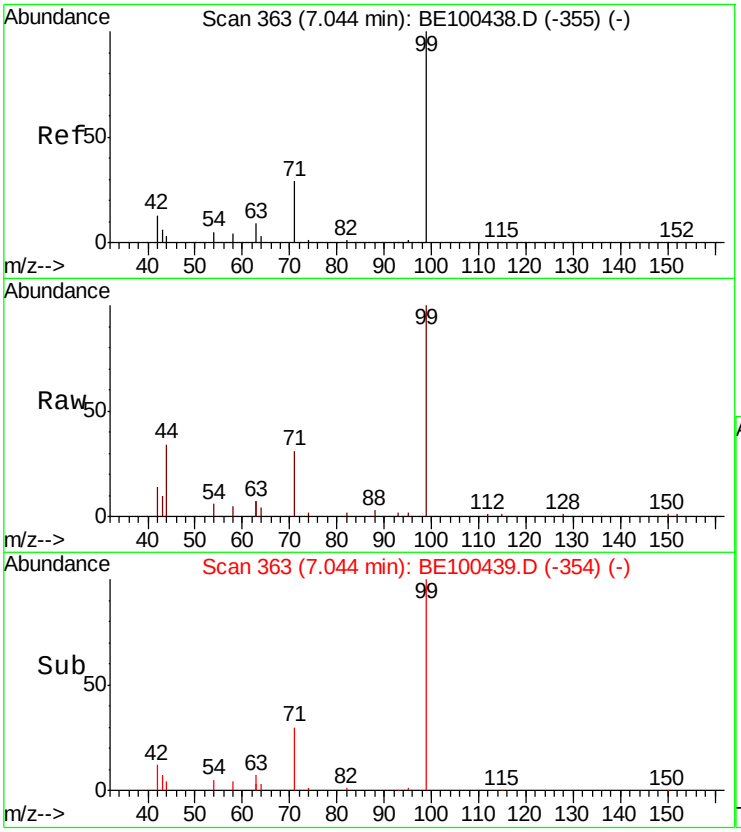


#4
2-Fluorophenol
Concen: 0.711 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:112 Resp: 6885

Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.0	82.4
63	142.7	114.8	172.2



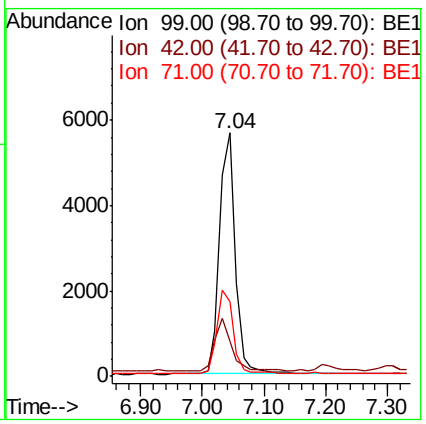


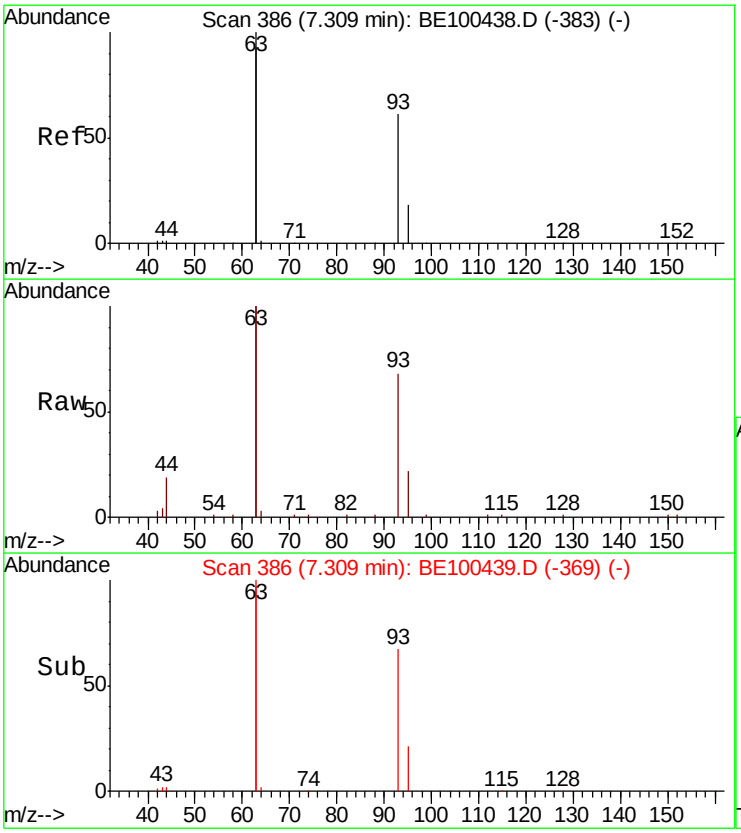
#5
Phenol-d6
Concen: 0.716 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 10012

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.2
71	35.4	28.2	42.4

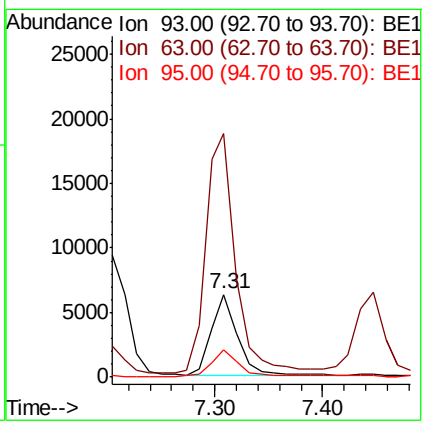


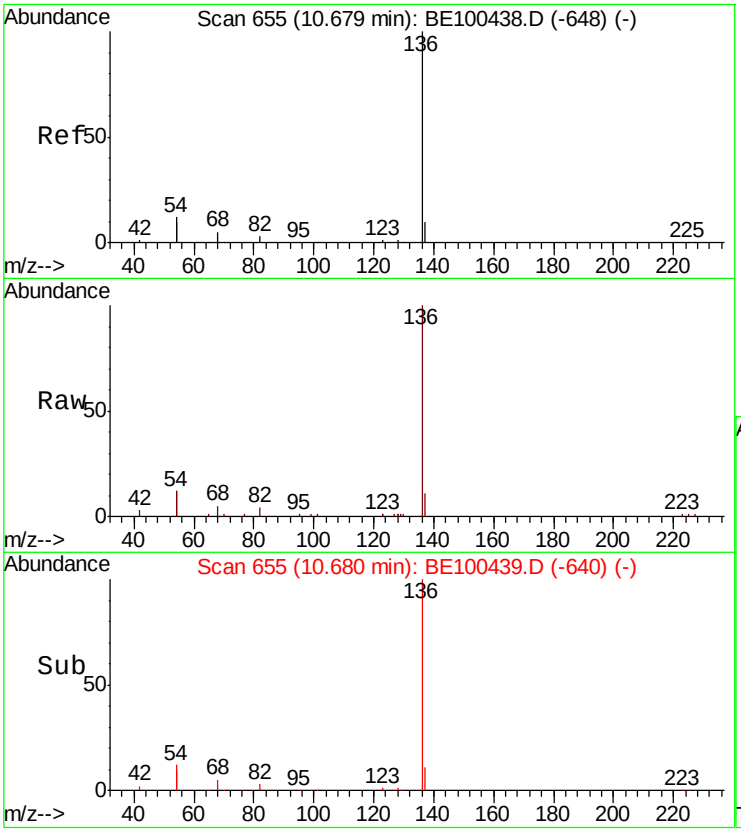


#6
bis(2-Chloroethyl)ether
Concen: 0.780 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 93 Resp: 10576

Ion	Ratio	Lower	Upper
93	100		
63	334.2	266.9	400.3
95	32.9	26.8	40.2



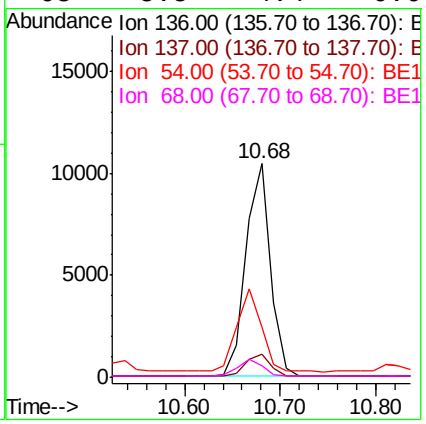


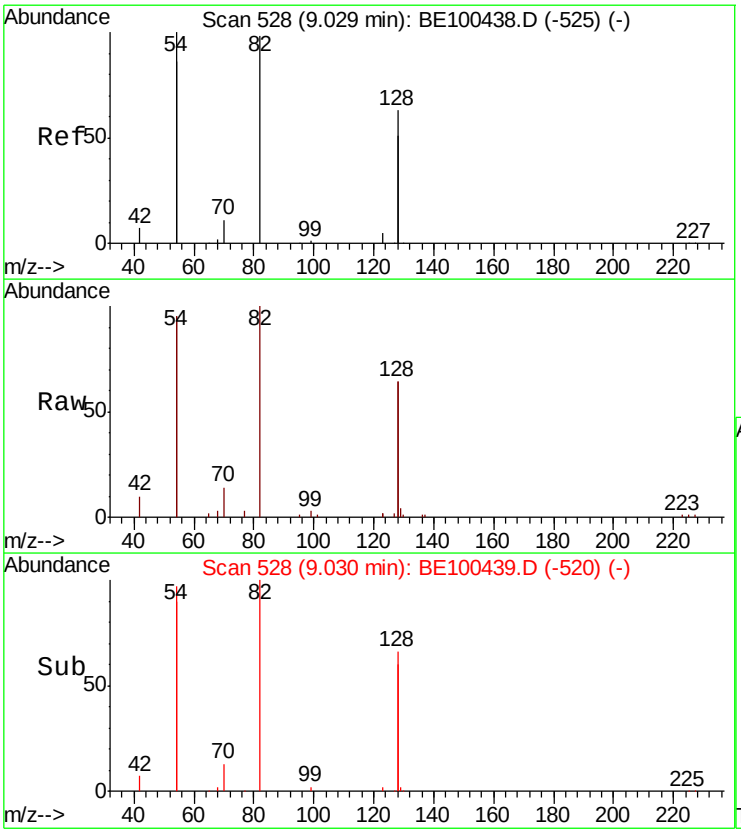
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18518

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	23.4	19.6	29.4
68	5.5	4.4	6.6

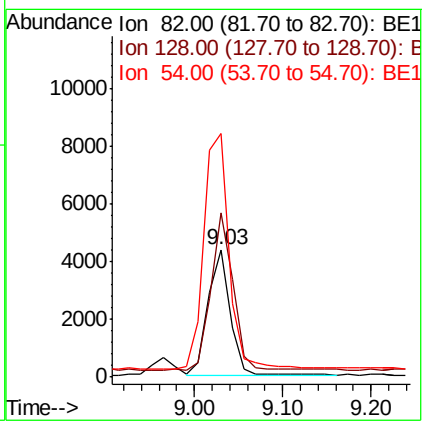


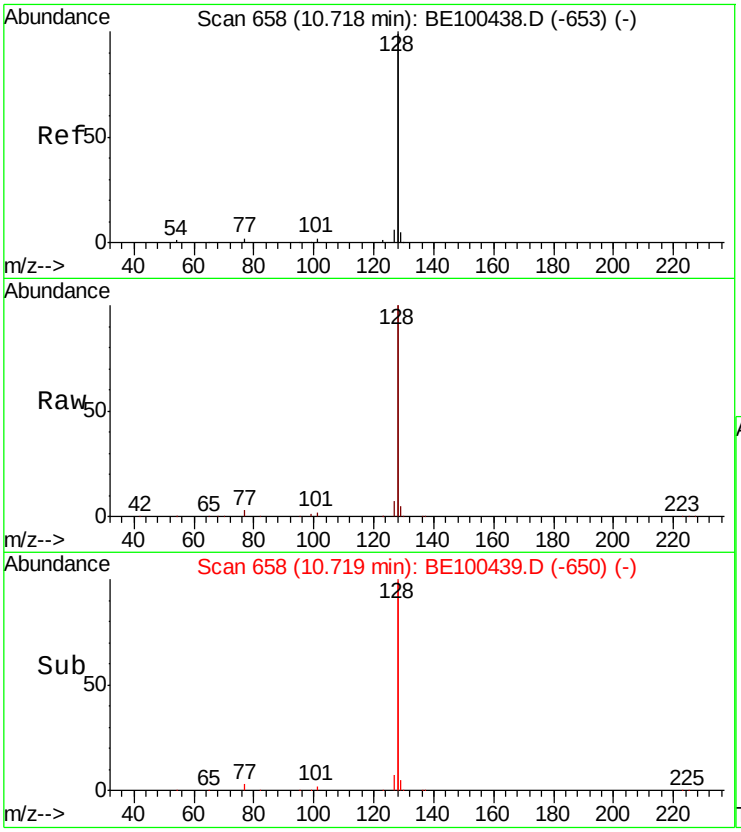


#8
Nitrobenzene-d5
Concen: 0.791 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion: 82 Resp: 7493

Ion	Ratio	Lower	Upper
82	100		
128	128.8	97.9	146.9
54	191.0	155.0	232.6



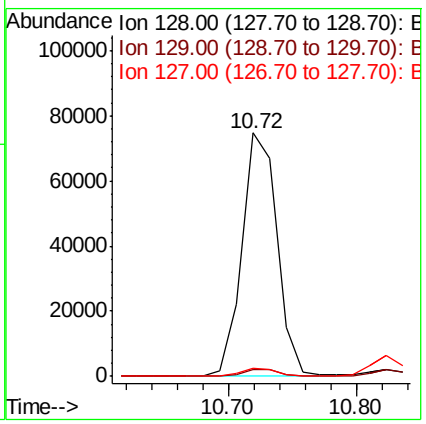


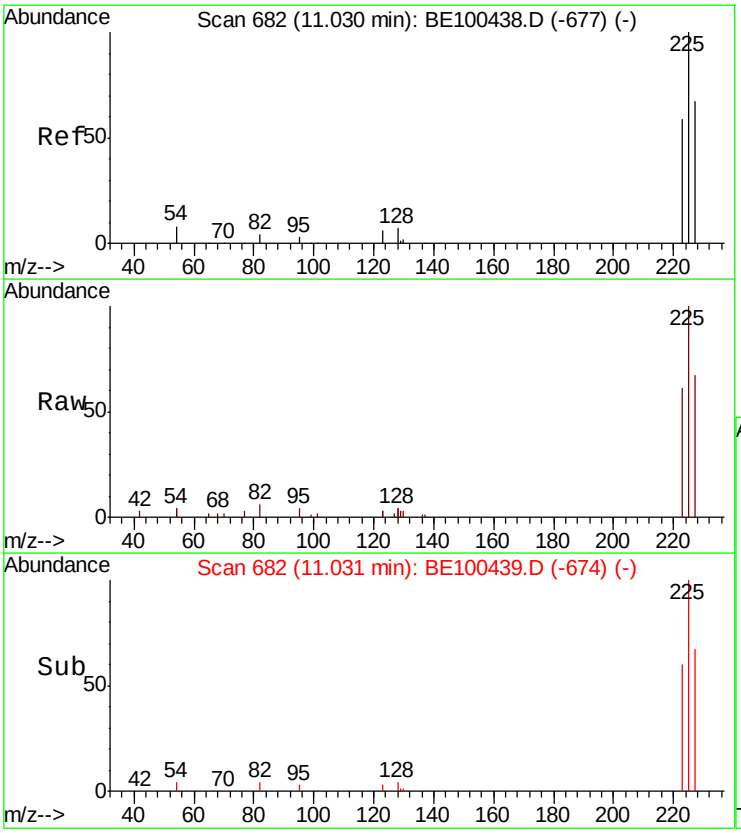
#9
Naphthalene
Concen: 0.781 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 140786

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

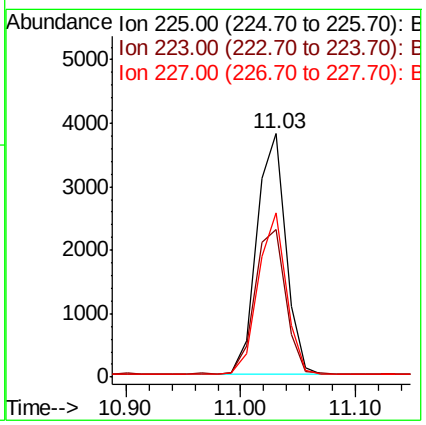


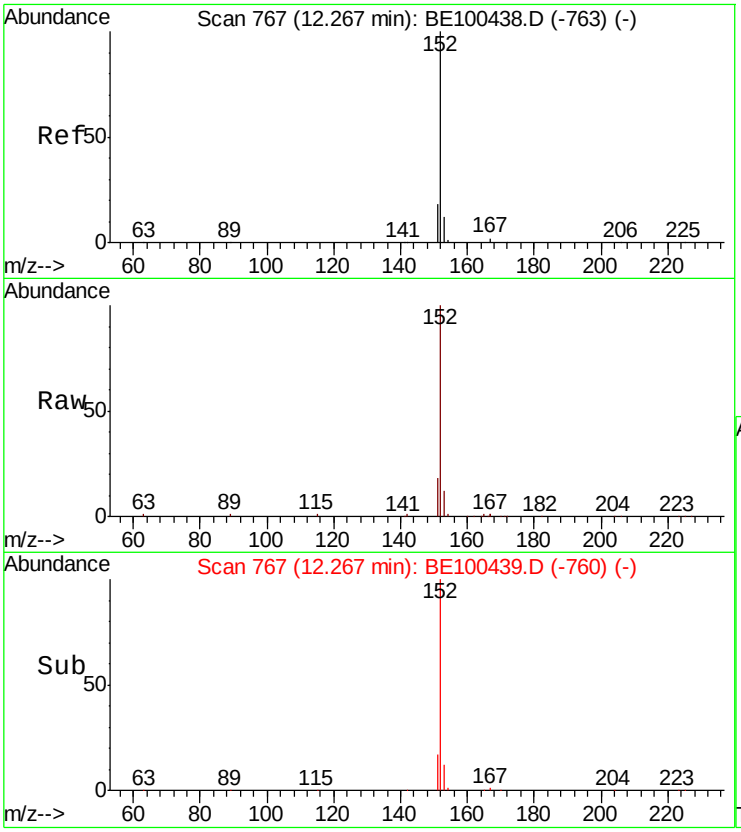


#10
Hexachlorobutadiene
Concen: 0.781 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:225 Resp: 6726

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.8
227	64.3	52.3	78.5



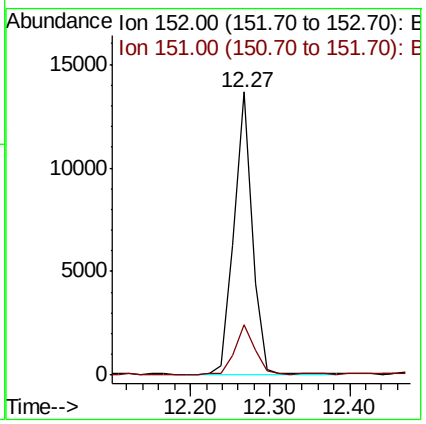


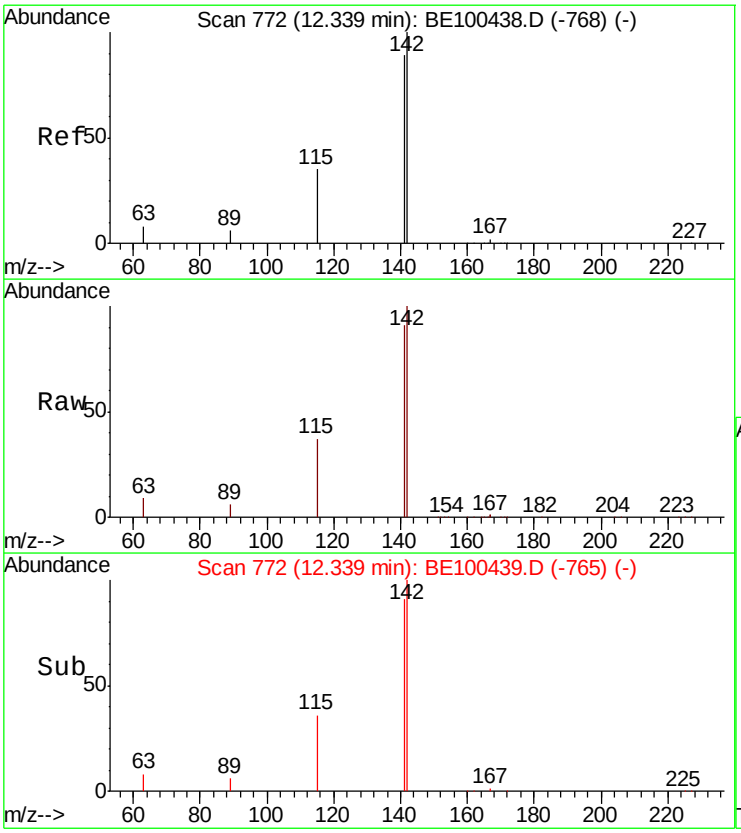
#11
2-Methylnaphthalene-d10
Concen: 0.527 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 21536

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.0	24.0

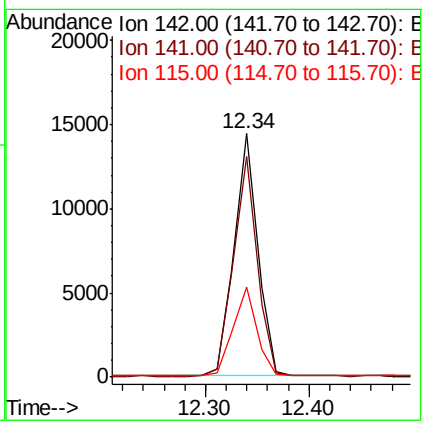


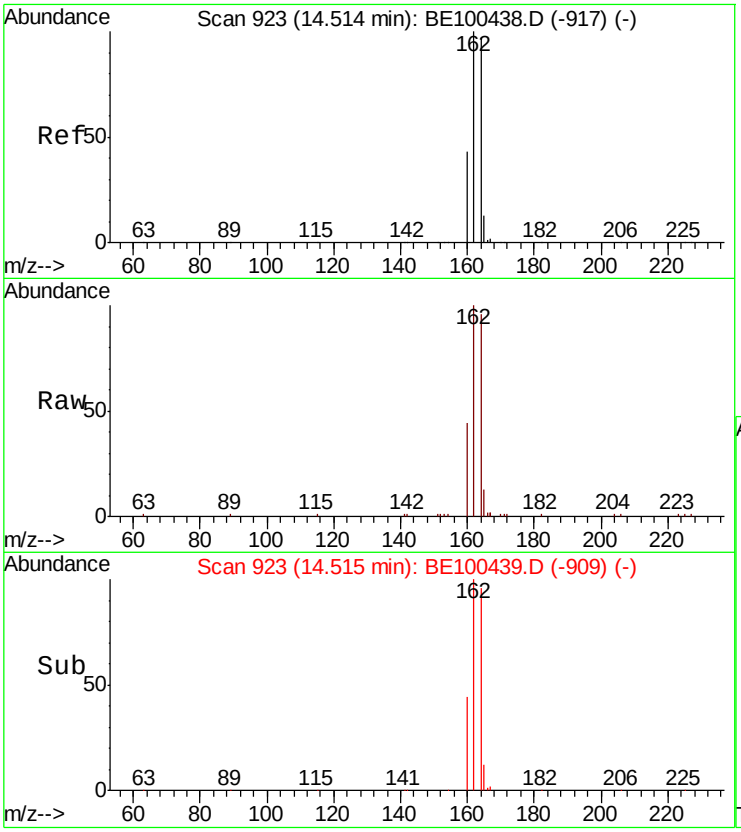


#12
2-Methylnaphthalene
Concen: 0.753 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:142 Resp: 22871

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.9	106.3
115	36.7	29.0	43.4



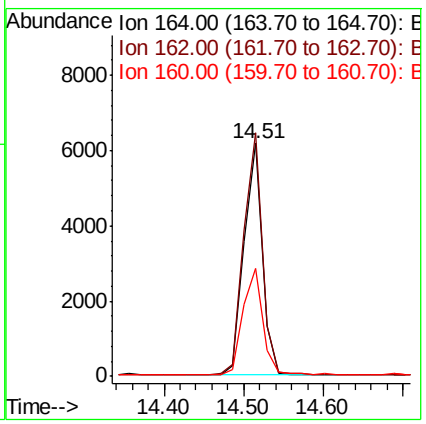


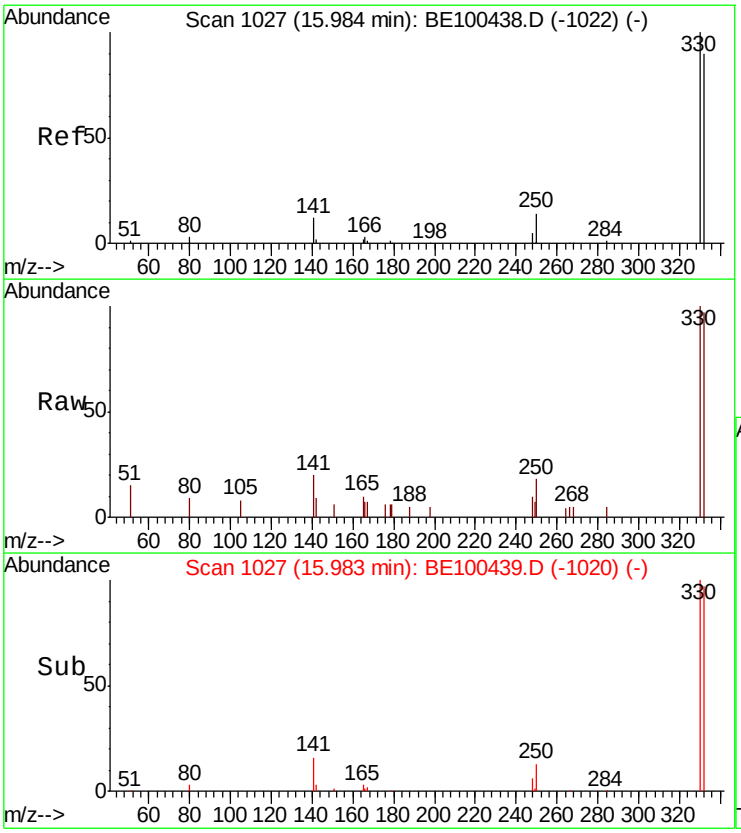
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9756

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	124.0
160	46.2	35.6	53.4

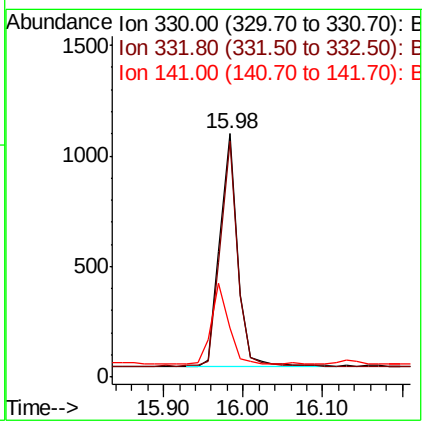


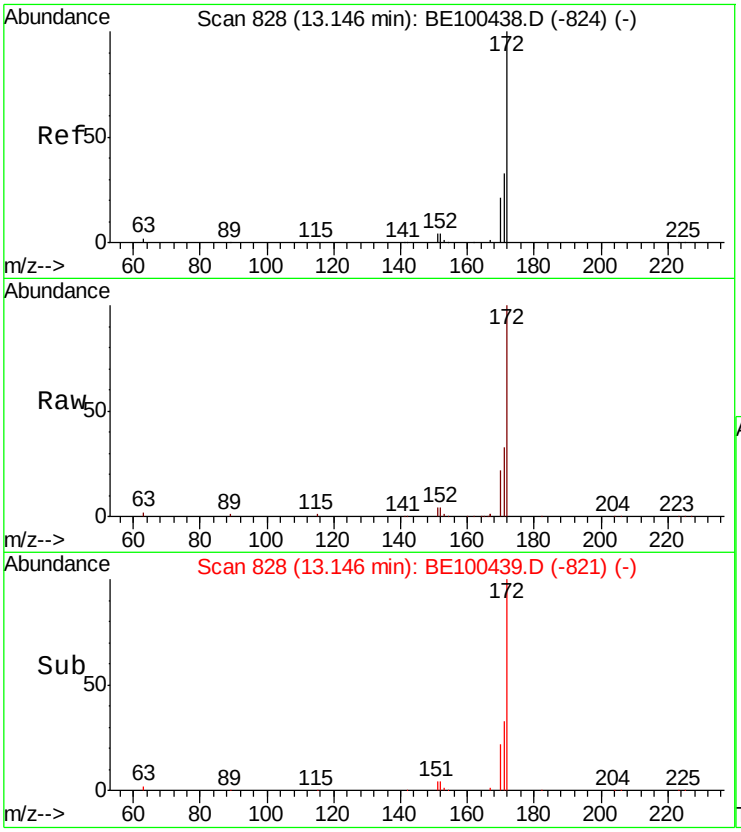


#14
2,4,6-Tribromophenol
Concen: 0.648 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:330 Resp: 1634

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.3	114.5
141	34.5	28.1	42.1



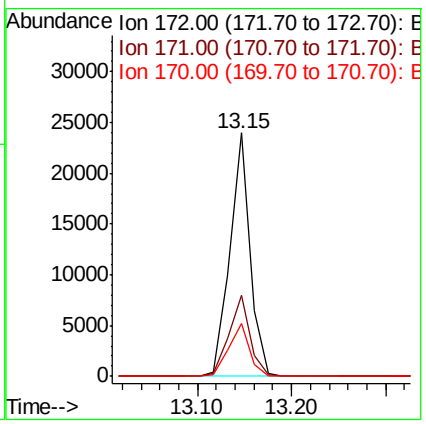


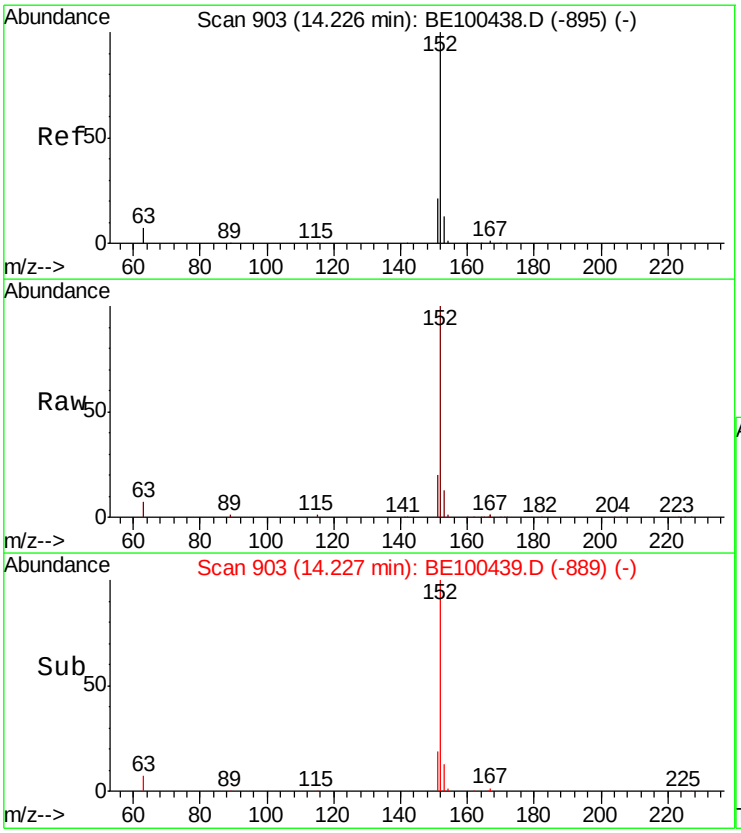
#15
2-Fluorobiphenyl
Concen: 0.817 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 35313

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.0	40.4
170	21.8	17.4	26.0

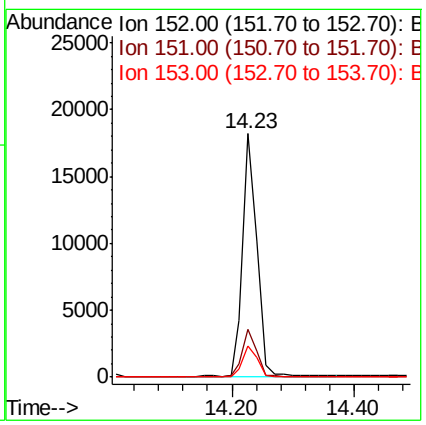


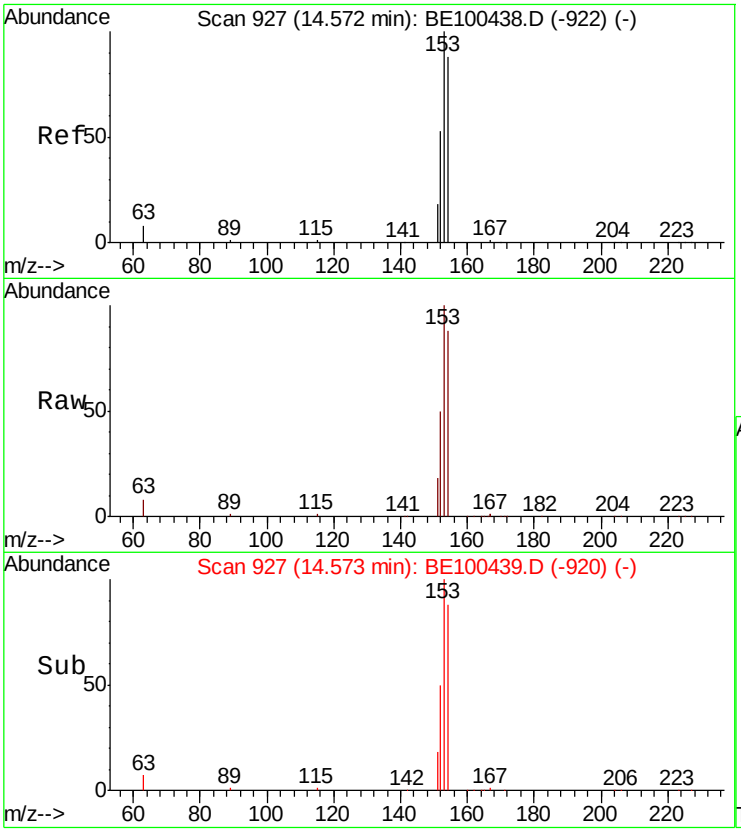


#16
Acenaphthylene
Concen: 0.733 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:152 Resp: 29651

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.8	10.4	15.6



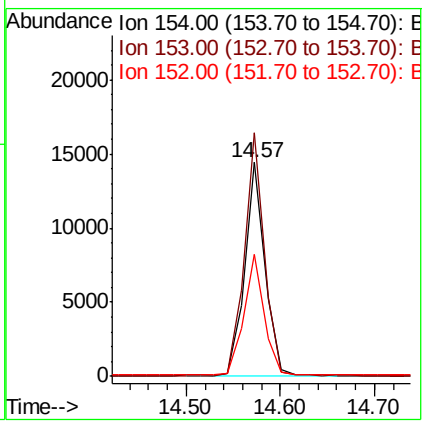


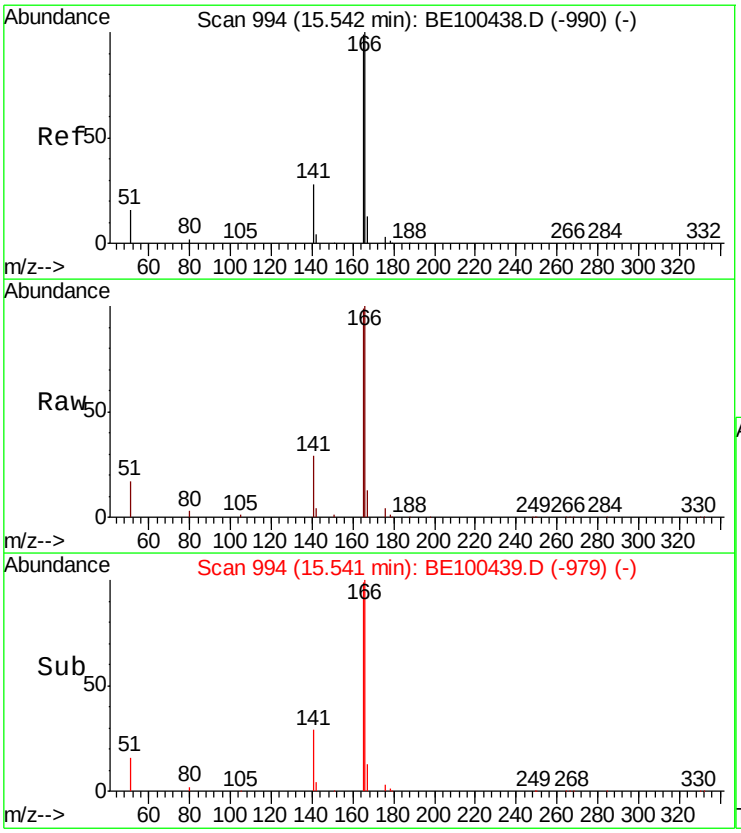
#17
Acenaphthene
Concen: 0.778 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 21457

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.0	136.4
152	57.1	49.4	74.2

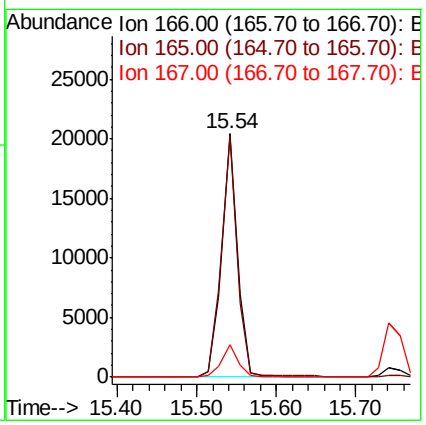


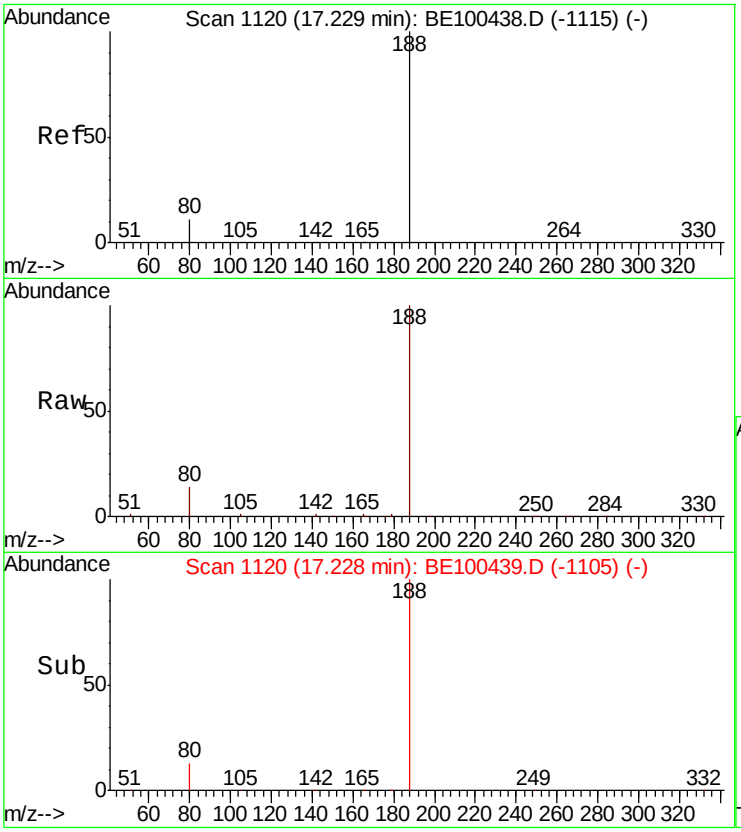


#18
Fluorene
Concen: 0.791 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:166 Resp: 27977

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.6	119.4
167	13.3	10.6	15.8



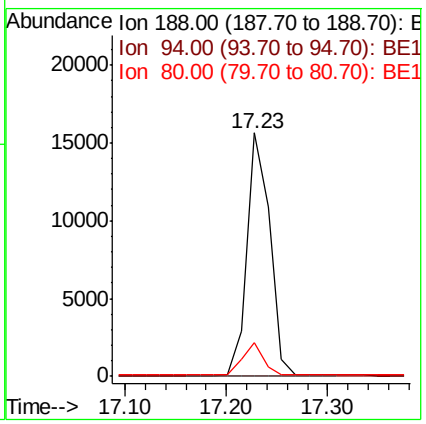


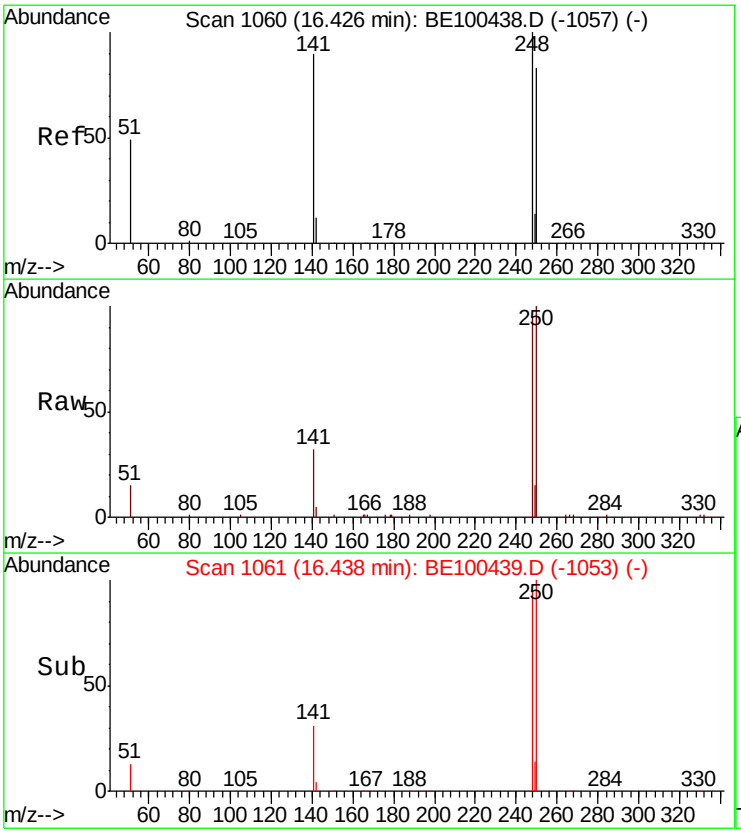
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24646

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

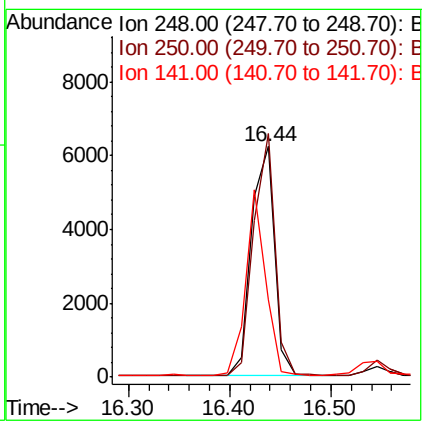


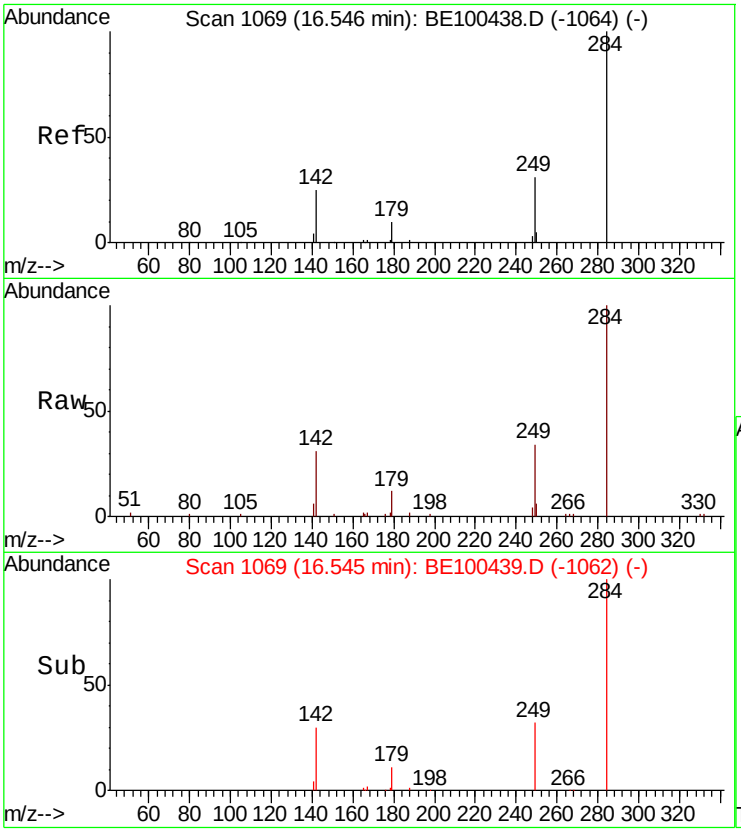


#20
4-Bromophenyl-phenylether
Concen: 0.780 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:248 Resp: 9833

Ion	Ratio	Lower	Upper
248	100		
250	105.7	67.1	100.7#
141	33.4	72.2	108.2#



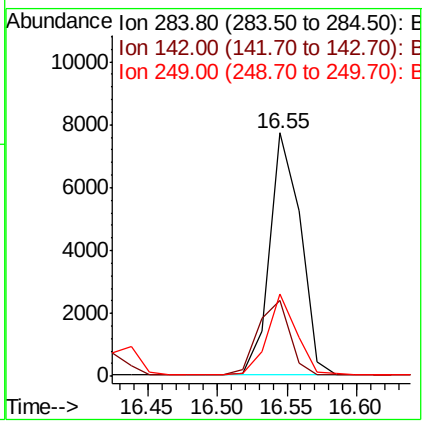


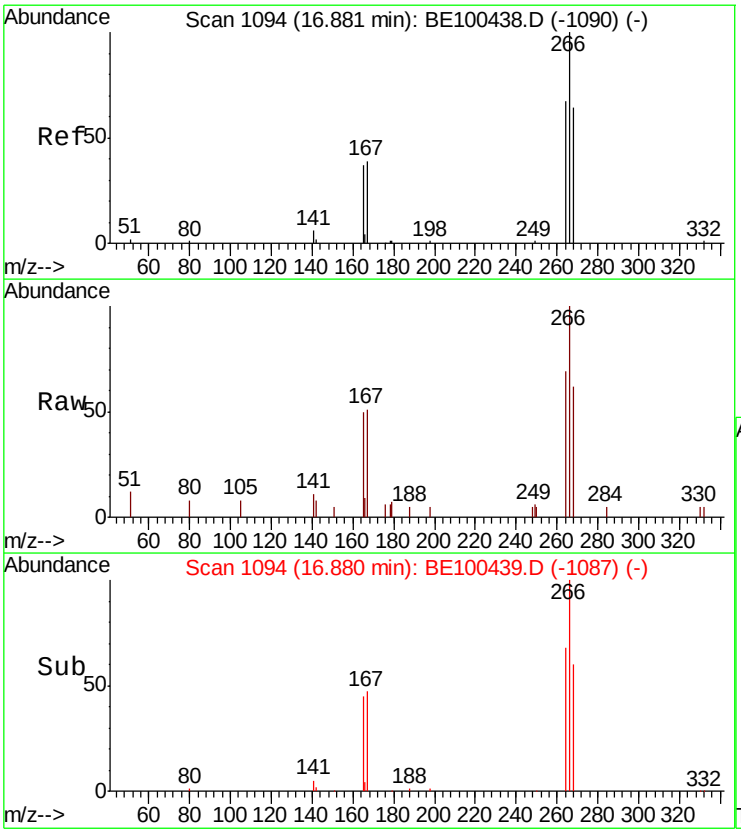
#21
Hexachlorobenzene
Concen: 0.818 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 11804

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.6	38.4
249	30.8	25.1	37.7

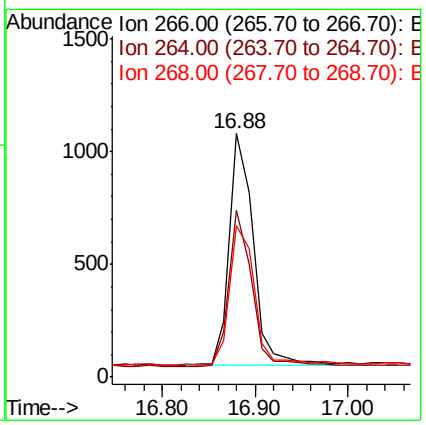


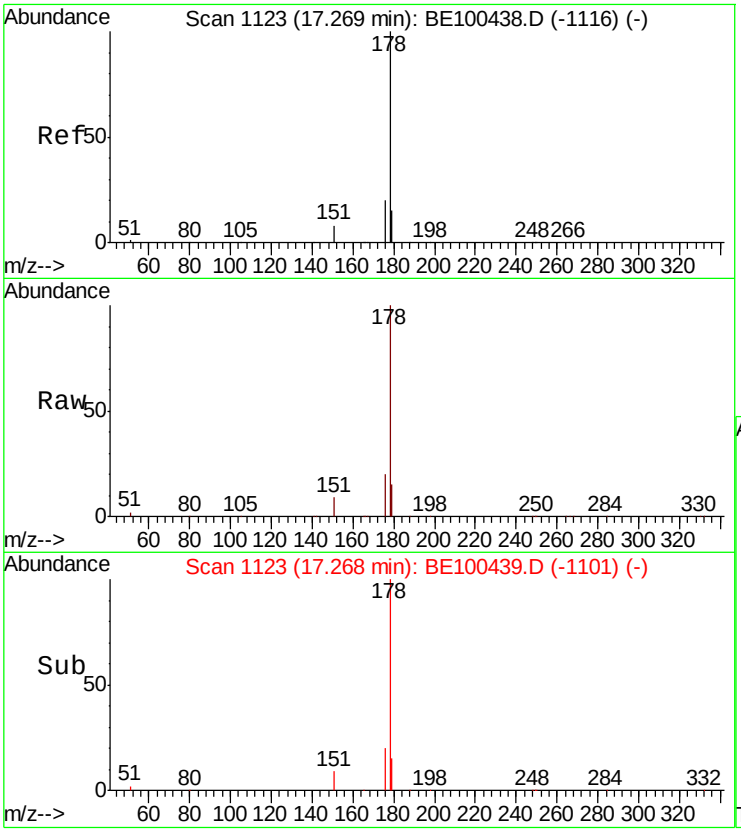


#22
Pentachlorophenol
Concen: 0.651 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:266 Resp: 1851

Ion	Ratio	Lower	Upper
266	100		
264	68.7	56.2	84.2
268	62.4	54.9	82.3



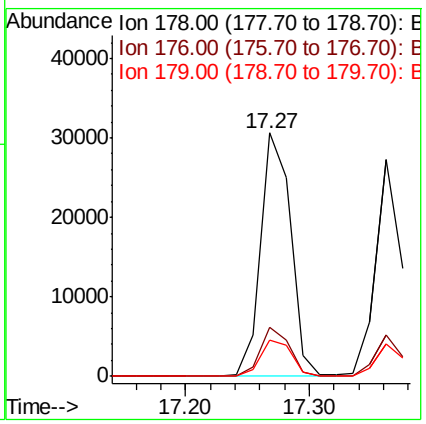


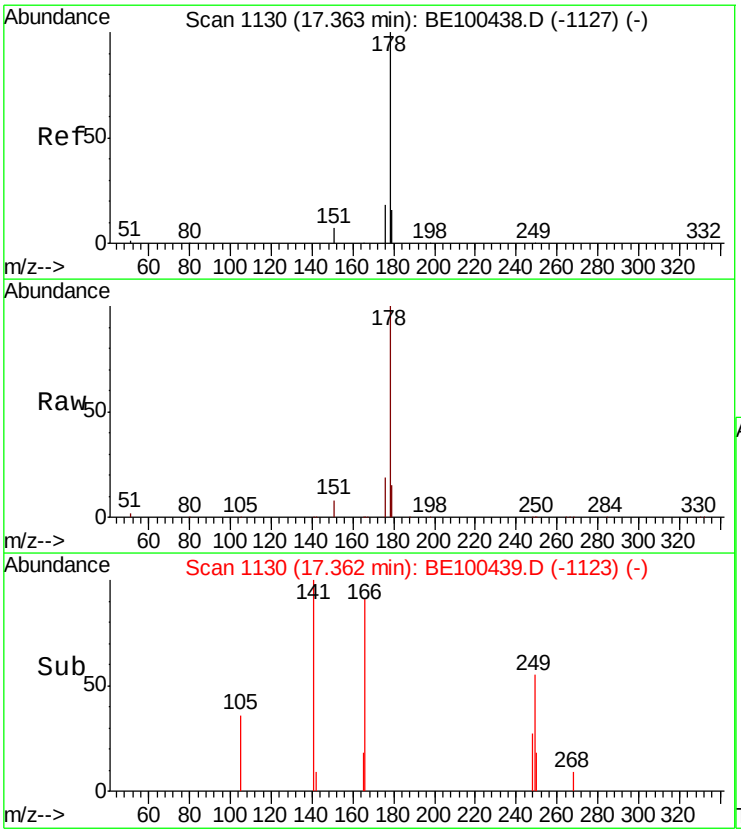
#23
Phenanthrene
Concen: 0.797 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 51007

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.4	18.6

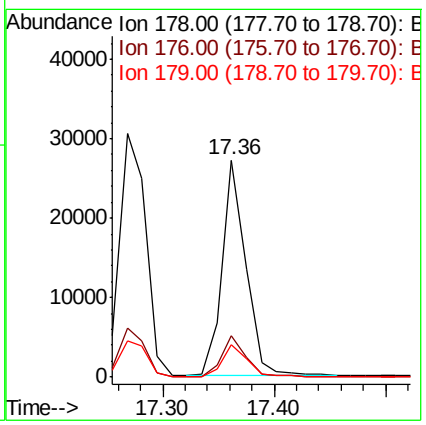


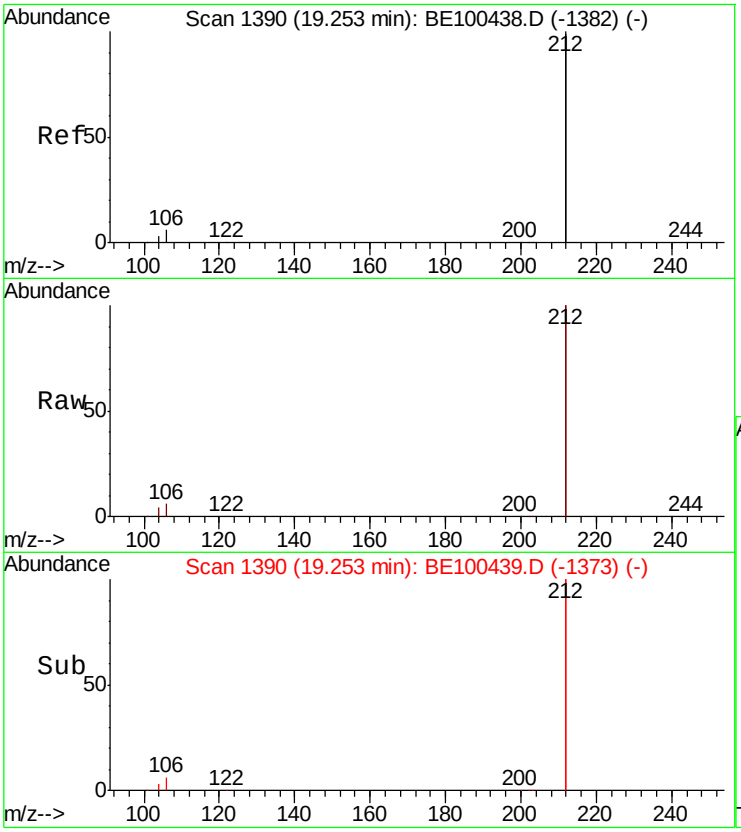


#24
Anthracene
Concen: 0.744 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:178 Resp: 40388

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



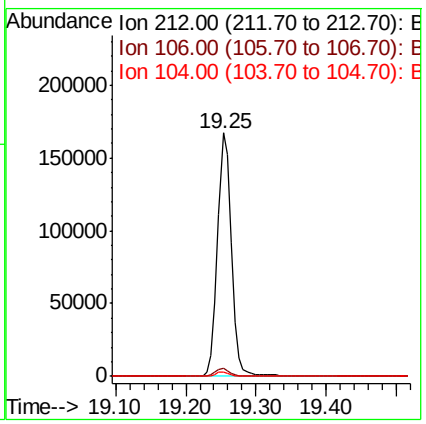


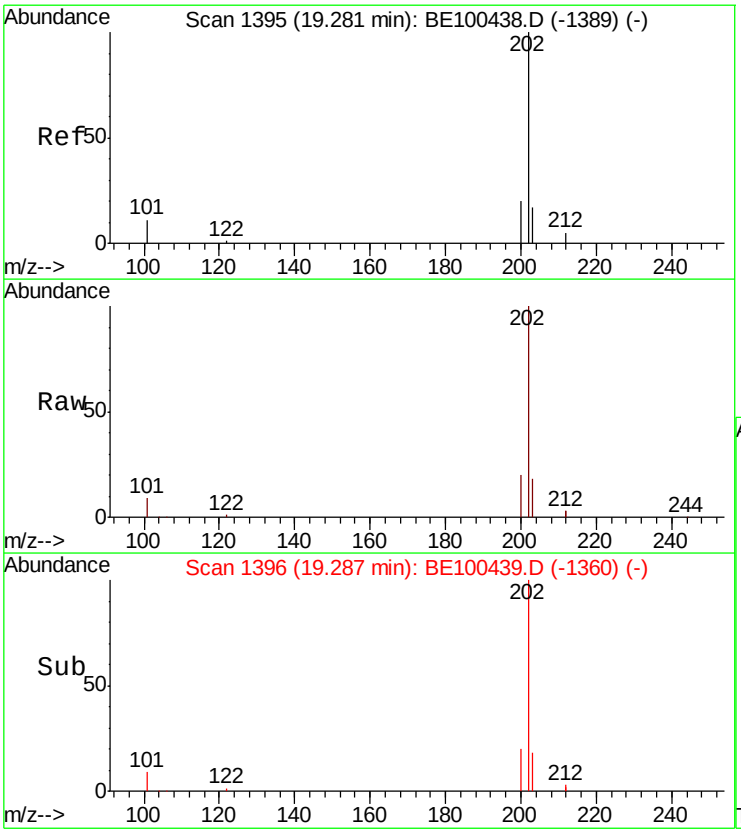
#25
Fluoranthene-d10
Concen: 0.519 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 226280

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

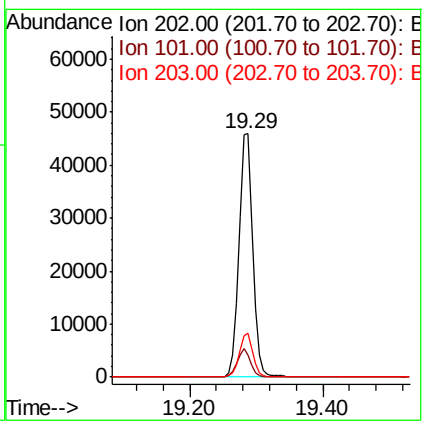


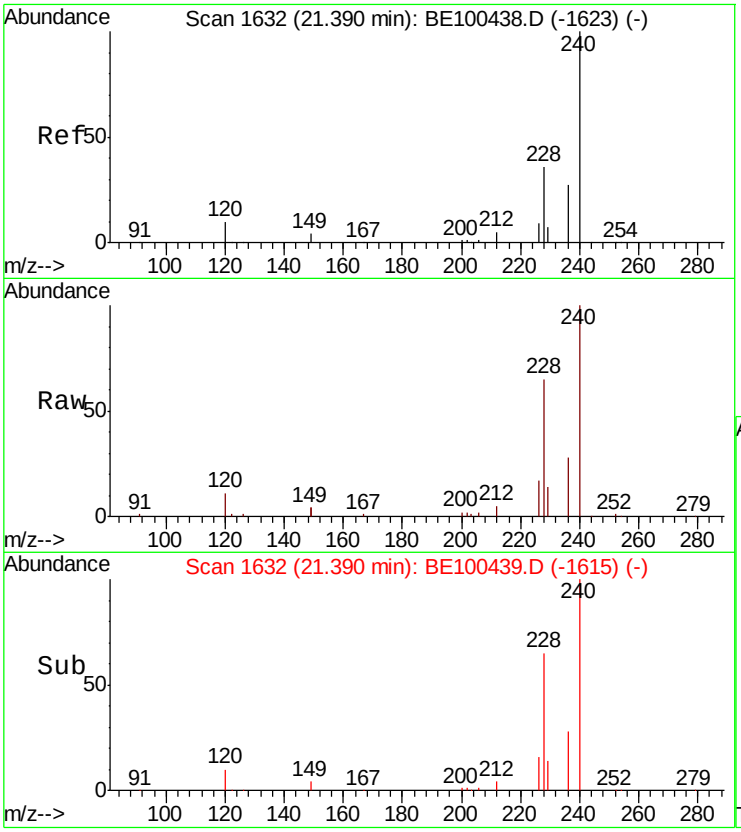


#26
Fluoranthene
Concen: 0.794 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:202 Resp: 65766

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.3	13.8	20.6



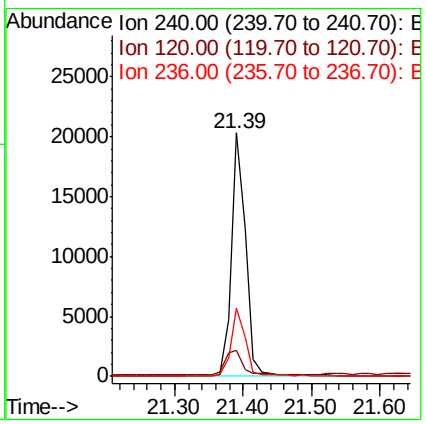


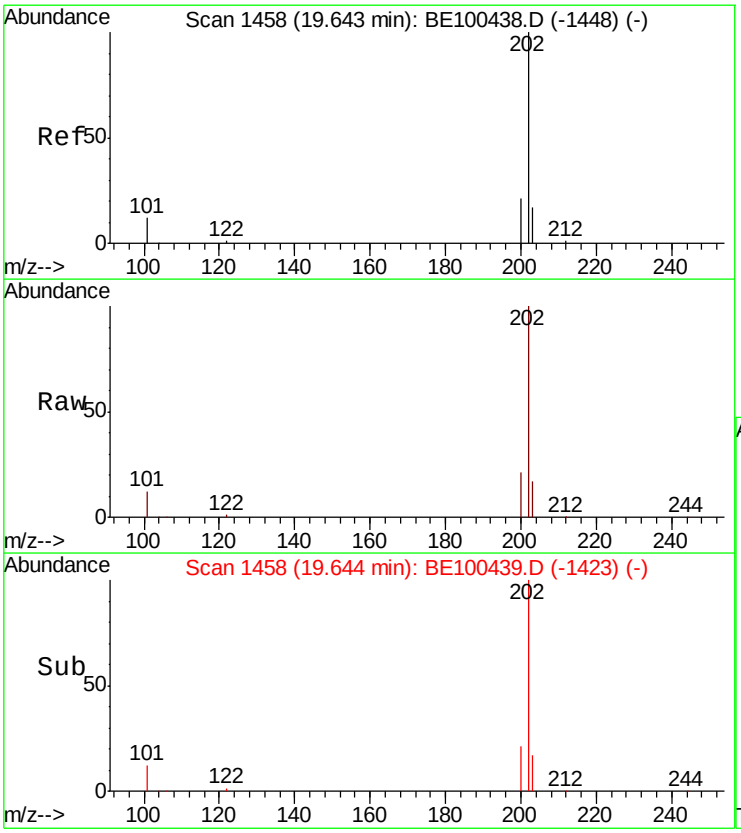
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28759

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	28.3	22.0	33.0

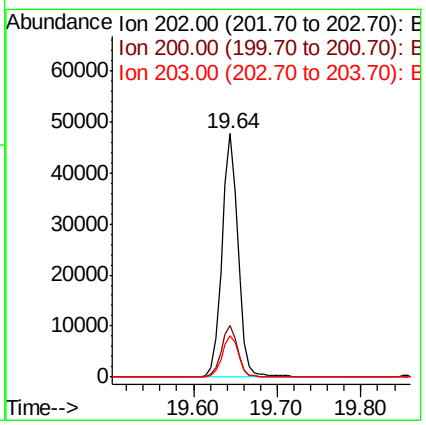


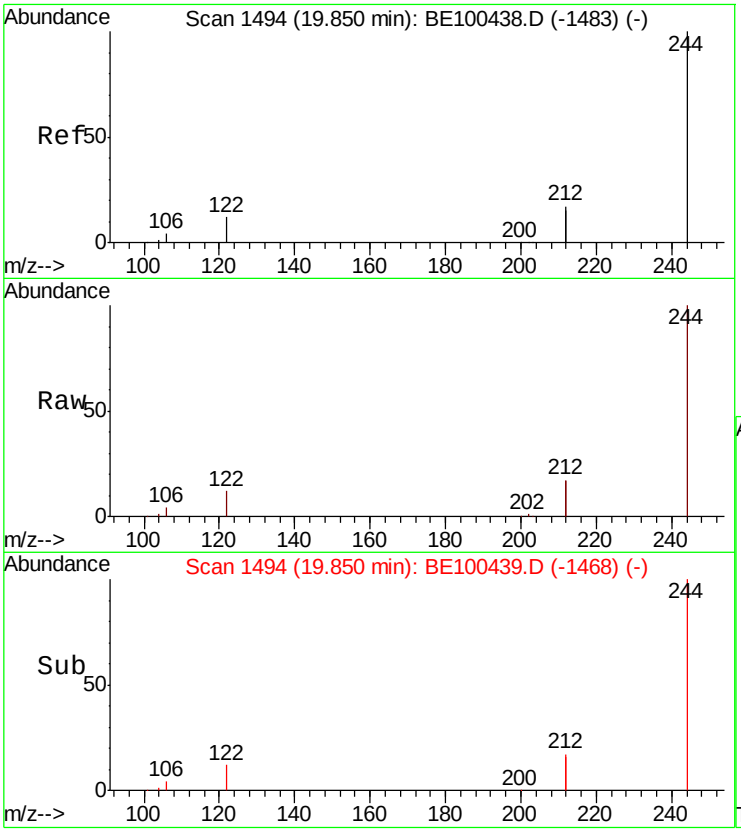


#28
Pyrene
Concen: 0.750 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:202 Resp: 63051

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.3	13.8	20.8



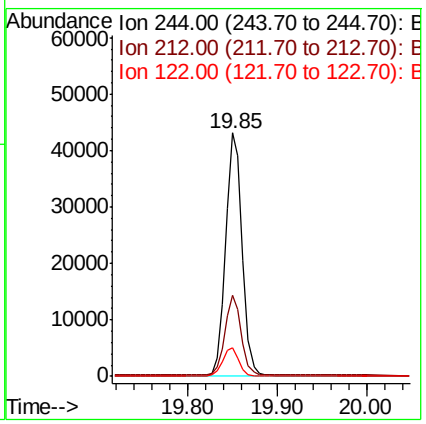


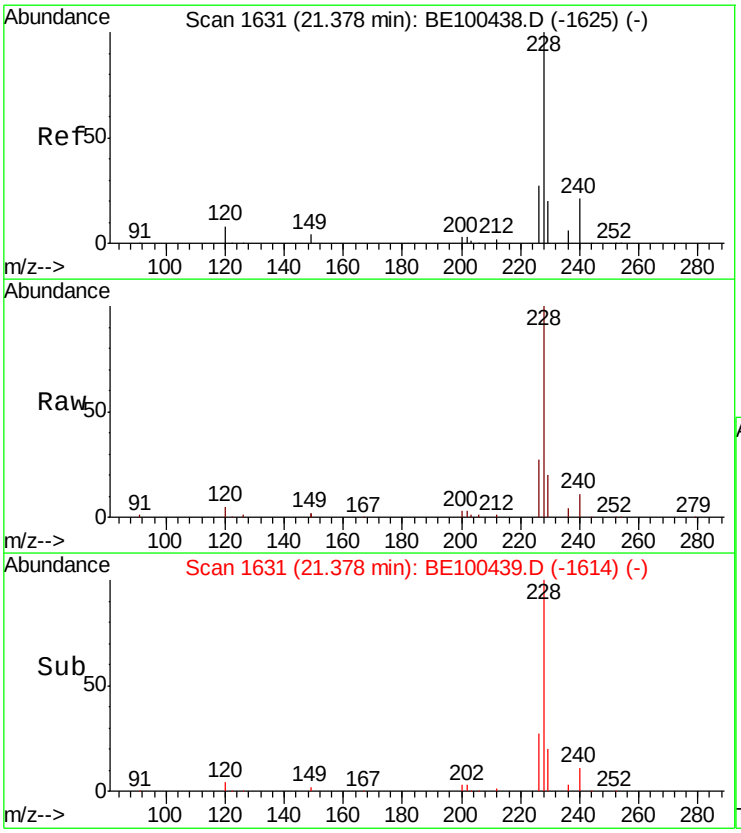
#29
Terphenyl-d14
Concen: 0.781 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 54541

Ion	Ratio	Lower	Upper
244	100		
212	33.1	26.3	39.5
122	11.7	9.4	14.2

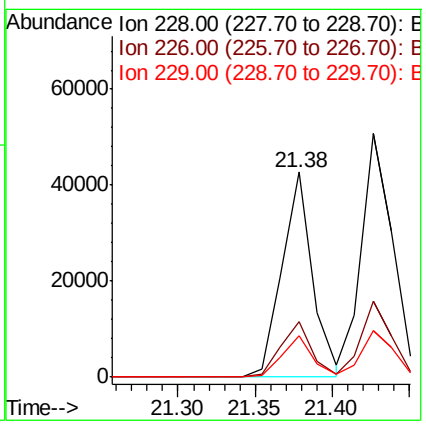


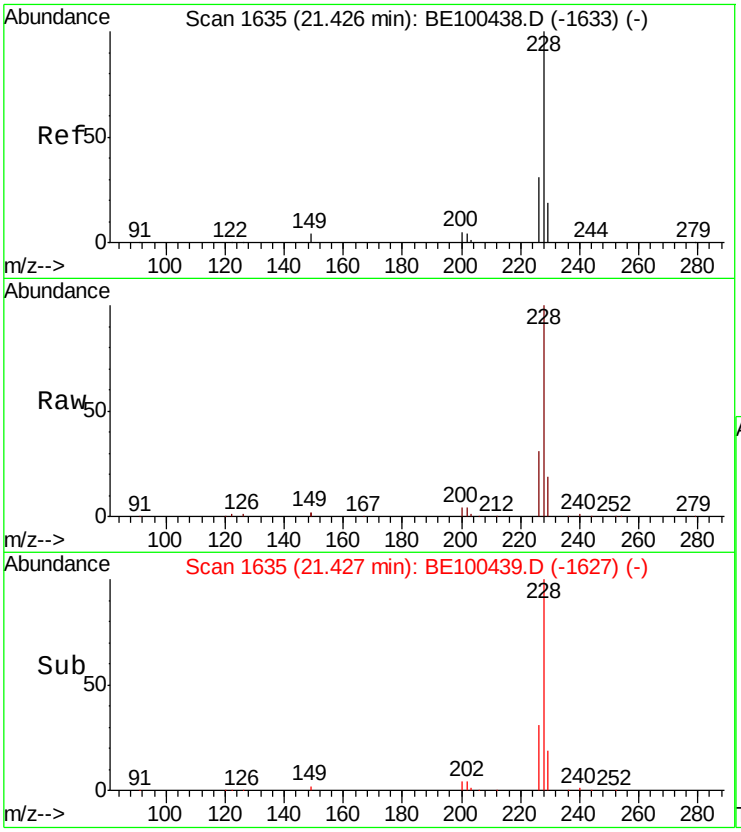


#30
Benzo(a)anthracene
Concen: 0.742 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:228 Resp: 58498

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.9	15.8	23.8



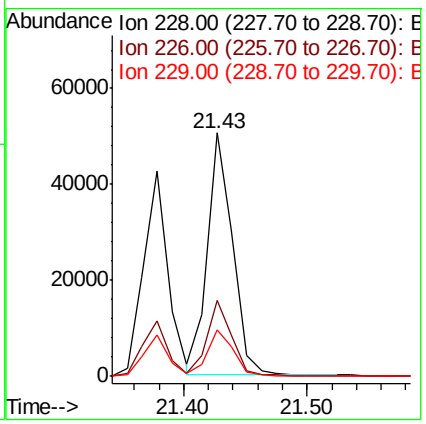


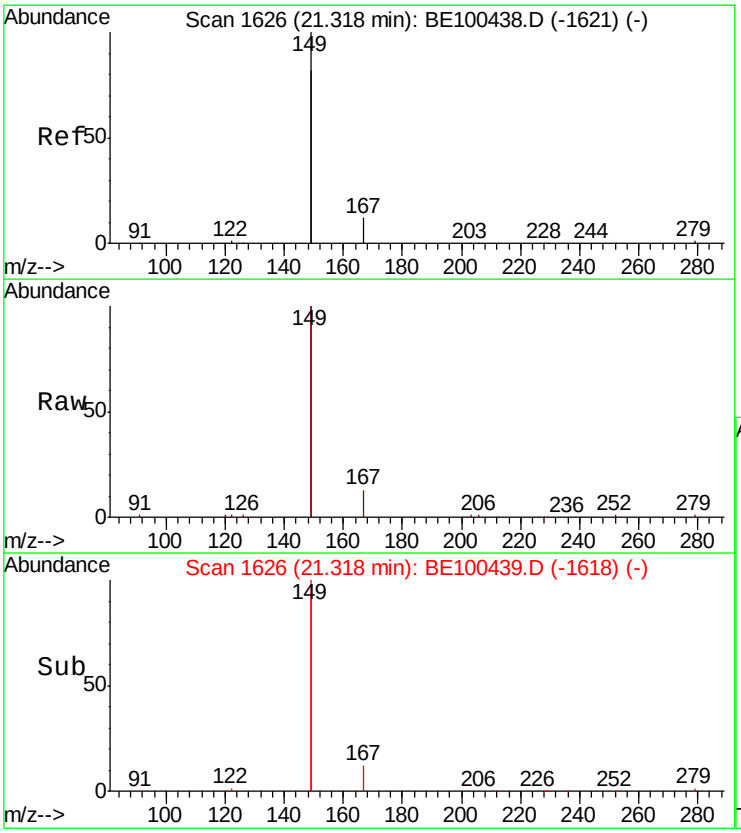
#31
Chrysene
Concen: 0.773 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 71653

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	19.3	15.8	23.6

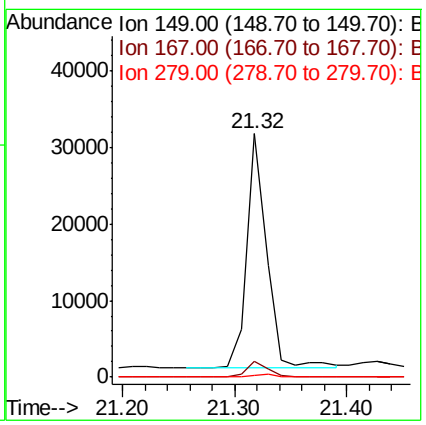


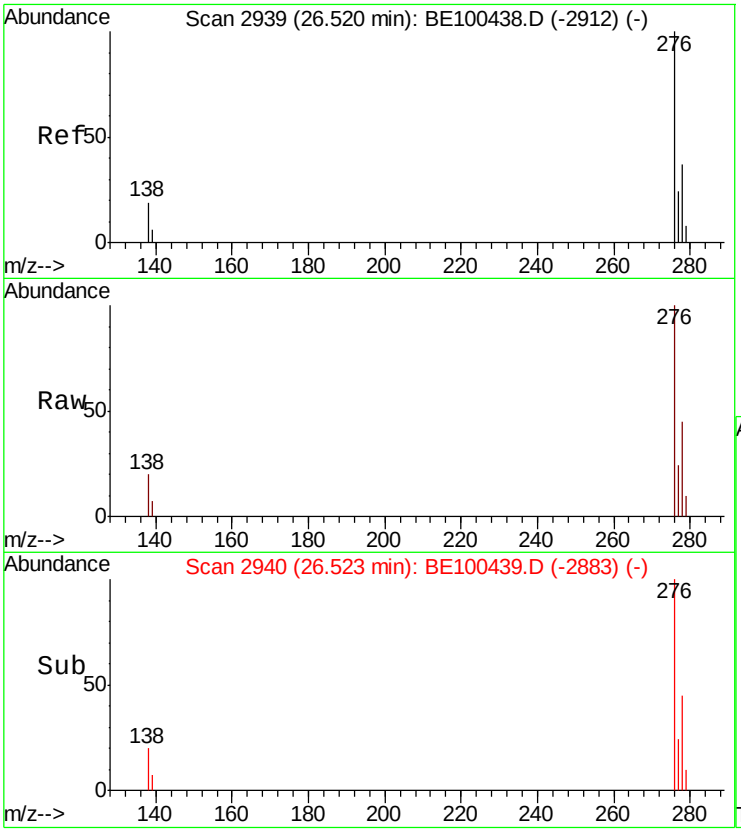


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.634 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:149 Resp: 38235

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	1.0	1.2	1.8#



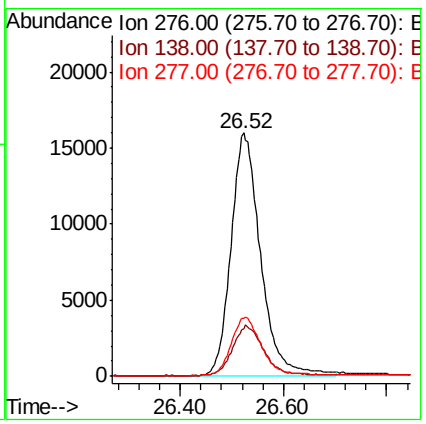


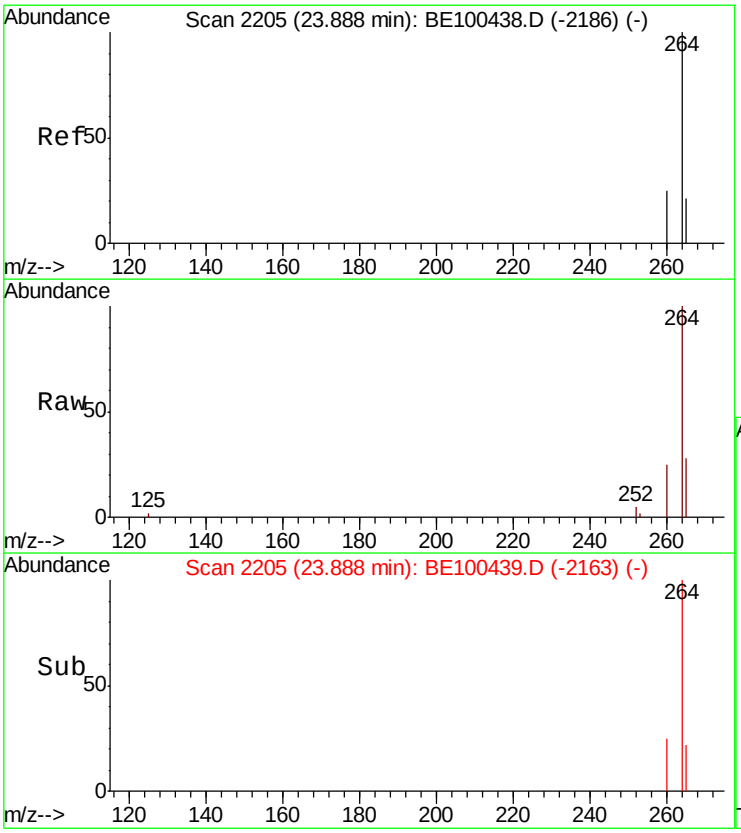
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.754 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 63261

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.0	25.6
277	24.2	19.8	29.6

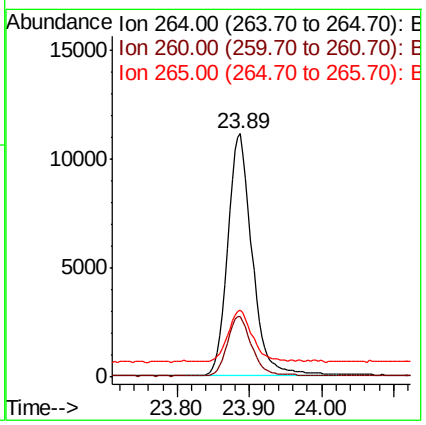


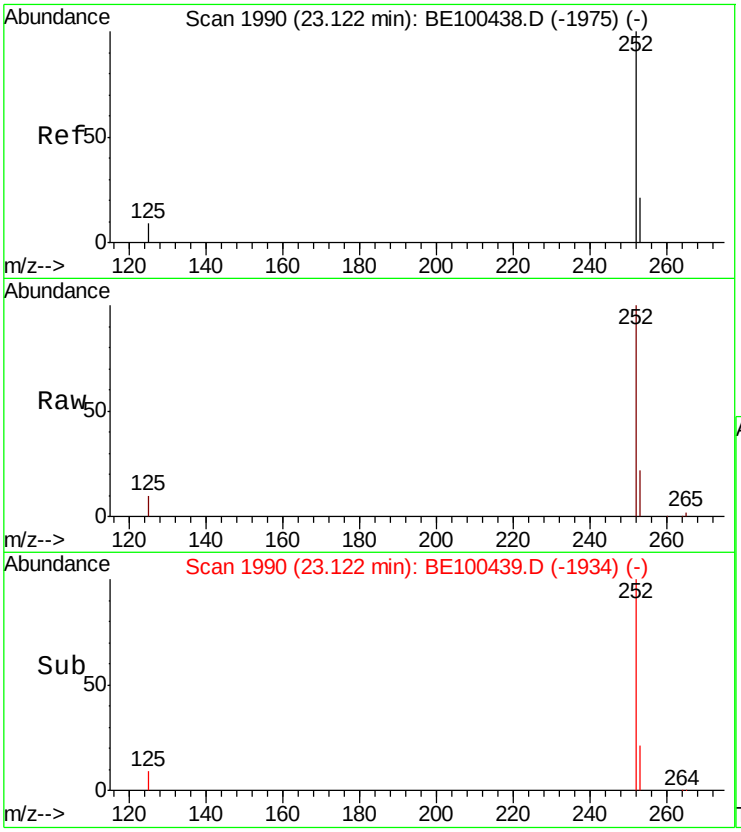


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:264 Resp: 25769

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	27.7	22.2	33.4



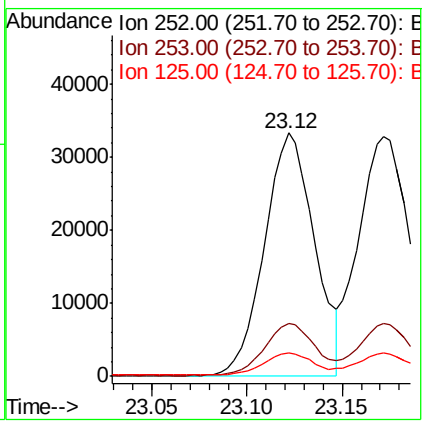


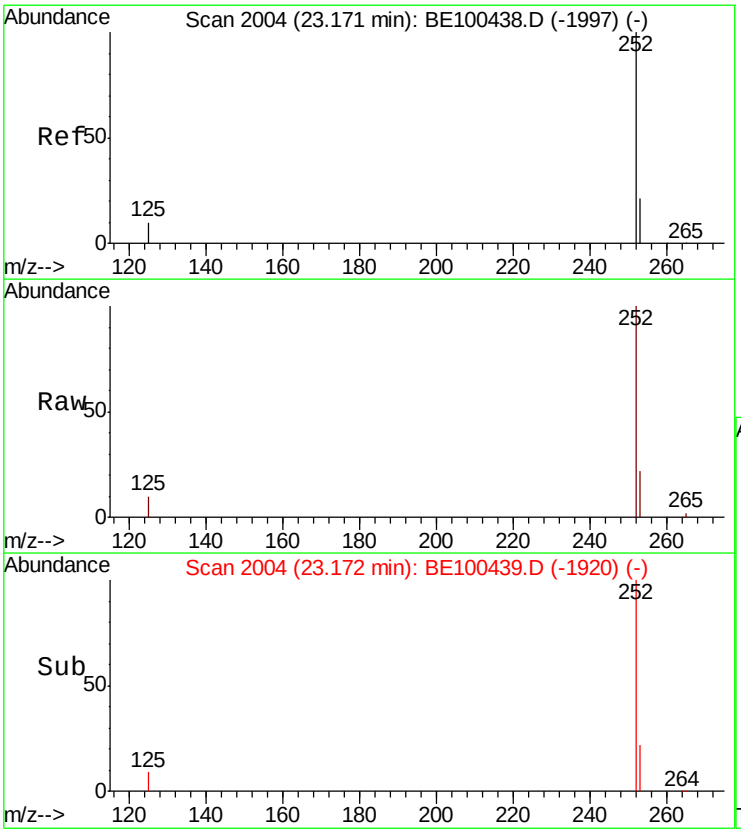
#35
Benzo(b)fluoranthene
Concen: 0.750 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 60730

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.7	8.0	12.0

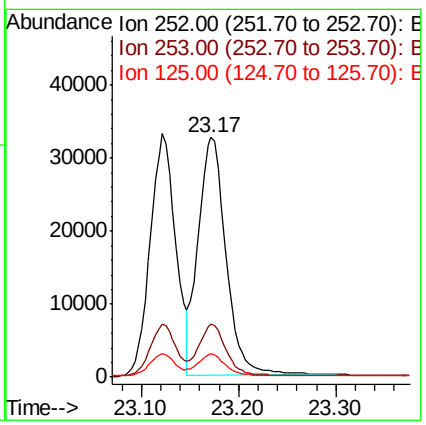


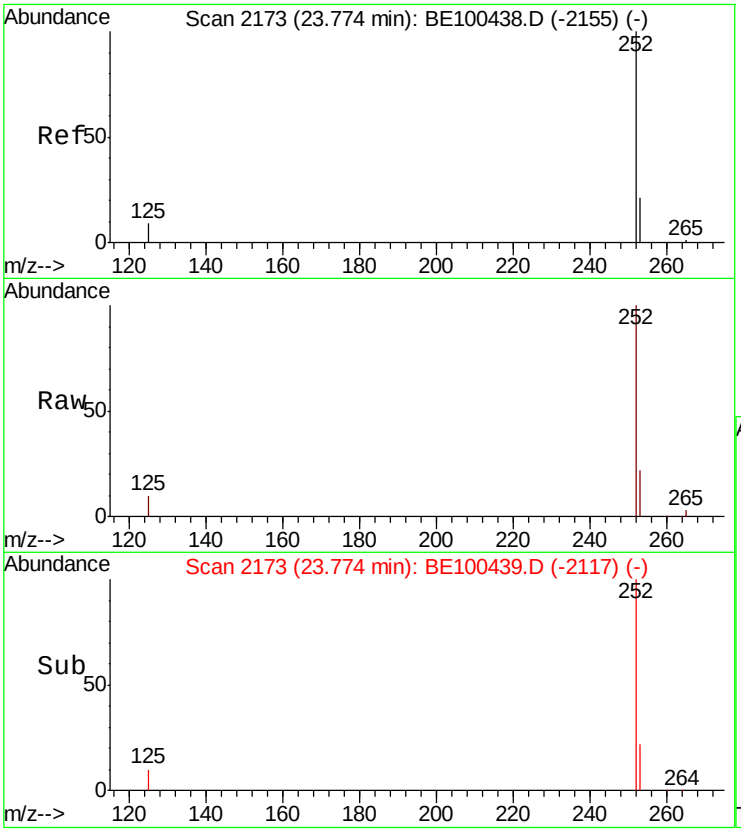


#36
Benzo(k)fluoranthene
Concen: 0.767 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:252 Resp: 64964

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	8.3	12.5



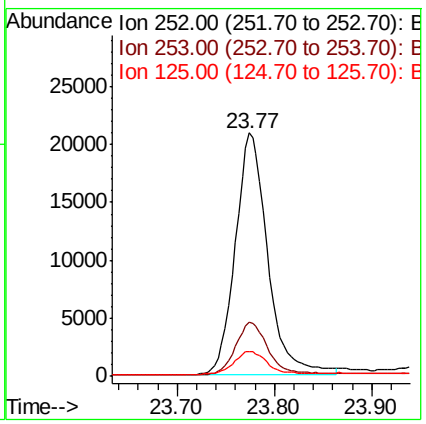


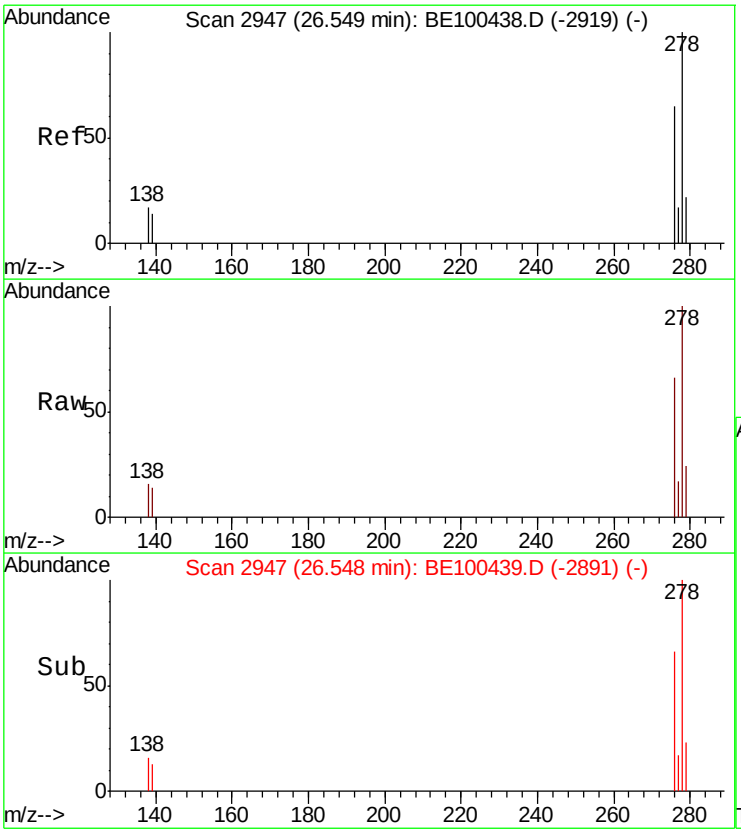
#37
Benzo(a)pyrene
Concen: 0.712 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 48239

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.4	9.0	13.6

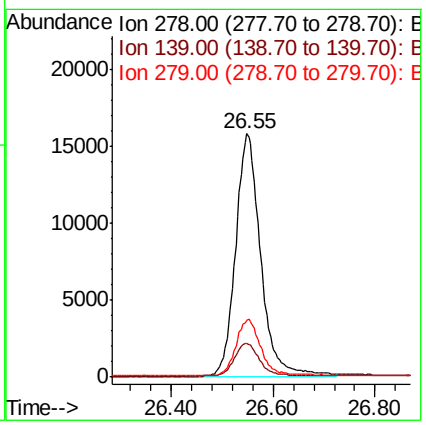


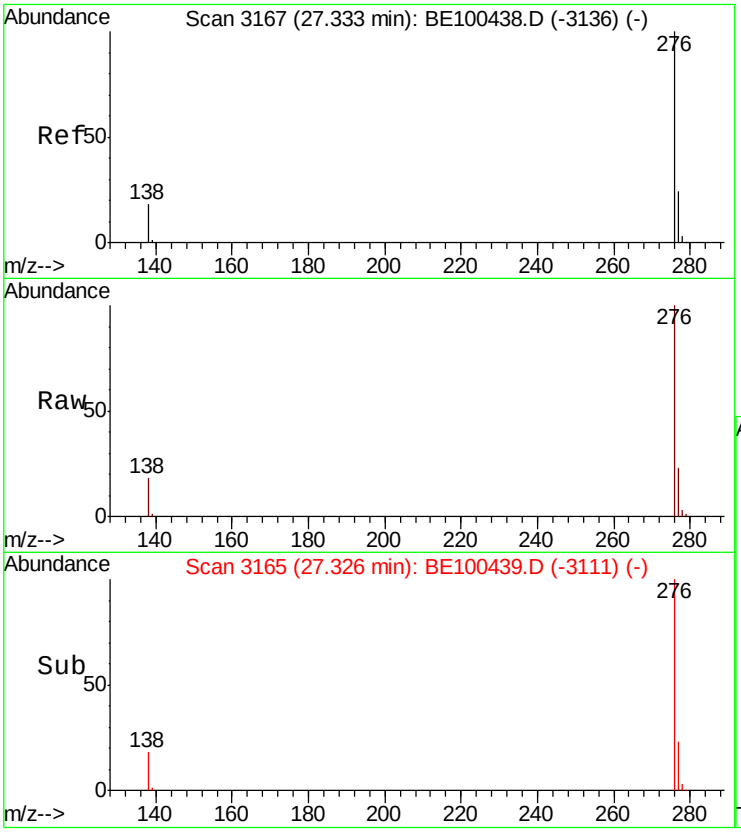


#38
Dibenzo(a,h)anthracene
Concen: 0.762 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Tgt Ion:278 Resp: 53887

Ion	Ratio	Lower	Upper
278	100		
139	13.6	12.2	18.2
279	23.5	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 0.751 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE100439.D
Acq: 16 Jul 2019 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 55166

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	18.1	15.1	22.7