Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
Data File : BE100637.D
Acq On : 11 Oct 2019 15:25
Operator : JU
Sample : K4839-05RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 11 16:55:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	29465	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	26013	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	15702	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	34196	0.40	ng		0.00
27) Chrysene-d12	21.37	240	38147	0.40	ng		0.00
34) Perylene-d12	23.85	264	33636	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	3299703	36.27	ng		0.01
5) Phenol-d6	7.02	99	4946381	38.55	ng		0.01
8) Nitrobenzene-d5	9.00	82	2863191	177.58	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	63	0.00	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1149622	277.08	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	5772374	100.90	ng		0.00
25) Fluoranthene-d10	19.22	212	858	0.00	ng		0.00
29) Terphenyl-d14	19.83	244	7818030	93.74	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.68	42	1671192	30.055	ng	#	94
9) Naphthalene	10.69	128	85391	0.312	ng		100
10) Hexachlorobutadiene	10.99	225	1817822	152.952	ng		99
12) 2-Methylnaphthalene	12.31	142	4271620	91.615	ng		95
16) Acenaphthylene	14.21	152	8637680	127.841	ng	#	87
17) Acenaphthene	14.56	154	6534180	149.641	ng		95
18) Fluorene	15.51	166	74570	1.286	ng	#	92
20) 4-Bromophenyl-phenylether	16.52	248	30912	1.777	ng	#	1
21) Hexachlorobenzene	16.53	284	1731779	104.461	ng		97
22) Pentachlorophenol	16.85	266	221	0.041	ng	#	82
23) Phenanthrene	17.24	178	6908	0.073	ng		98
26) Fluoranthene	19.26	202	7613427	62.018	ng	#	88
28) Pyrene	19.62	202	8109368	76.089	ng	#	84
30) Benzo(a)anthracene	21.41	228	4319250	34.710	ng	#	91
31) Chrysene	21.41	228	4315891	34.705	ng		95
32) Bis(2-ethylhexyl)phthalate	21.31	149	15636272	60.076	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.48	276	6564136	42.947	ng		96
35) Benzo(b)fluoranthene	23.16	252	10633365	108.417	ng	#	85
36) Benzo(k)fluoranthene	23.16	252	10698861	106.065	ng	#	85
38) Dibenzo(a,h)anthracene	26.48	278	190117	2.015	ng	#	77
39) Benzo(g,h,i)perylene	27.30	276	8889790	93.671	ng		98

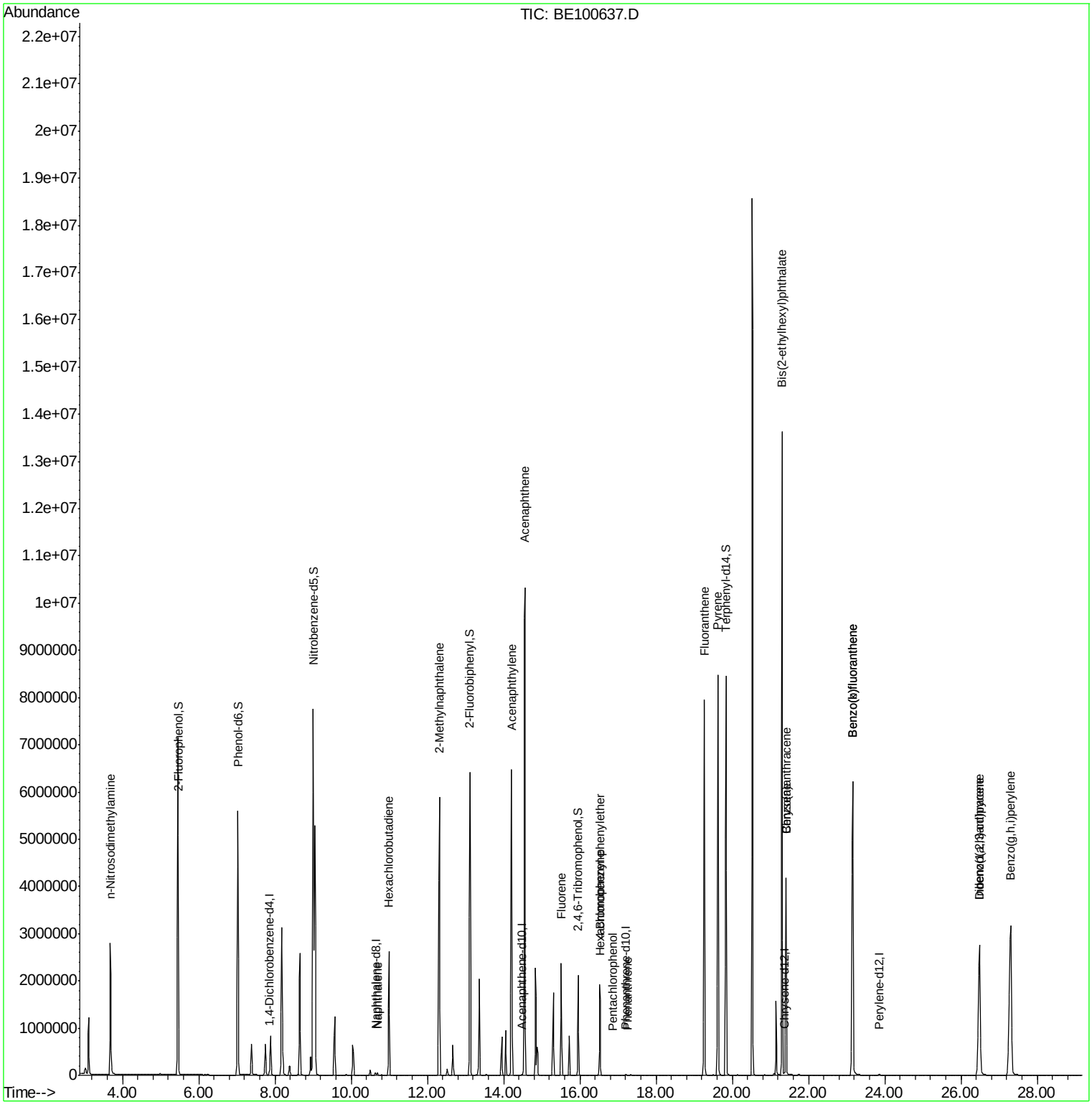
(#) = qualifier out of range (m) = manual integration (+) = signals summed

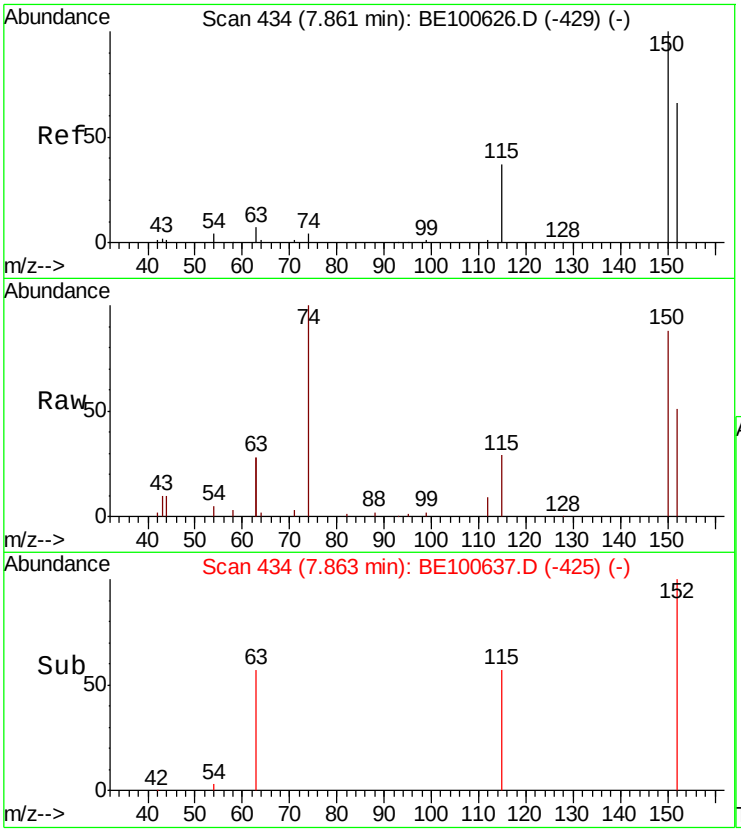
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
Data File : BE100637.D
Acq On : 11 Oct 2019 15:25
Operator : JU
Sample : K4839-05RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 11 16:55:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration



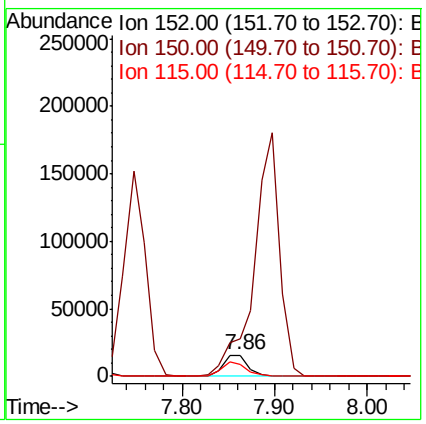


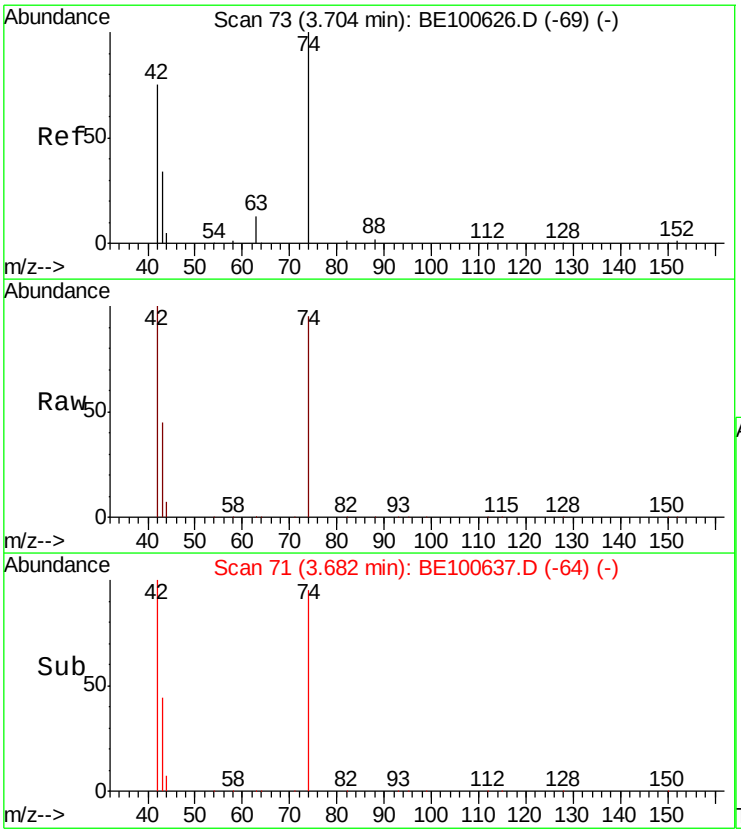
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 29465

Ion	Ratio	Lower	Upper
152	100		
150	174.2	120.7	181.1
115	57.8	48.0	72.0

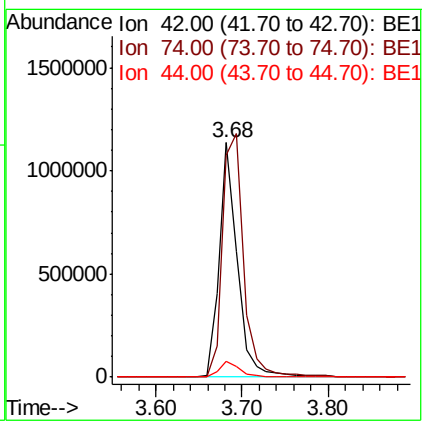


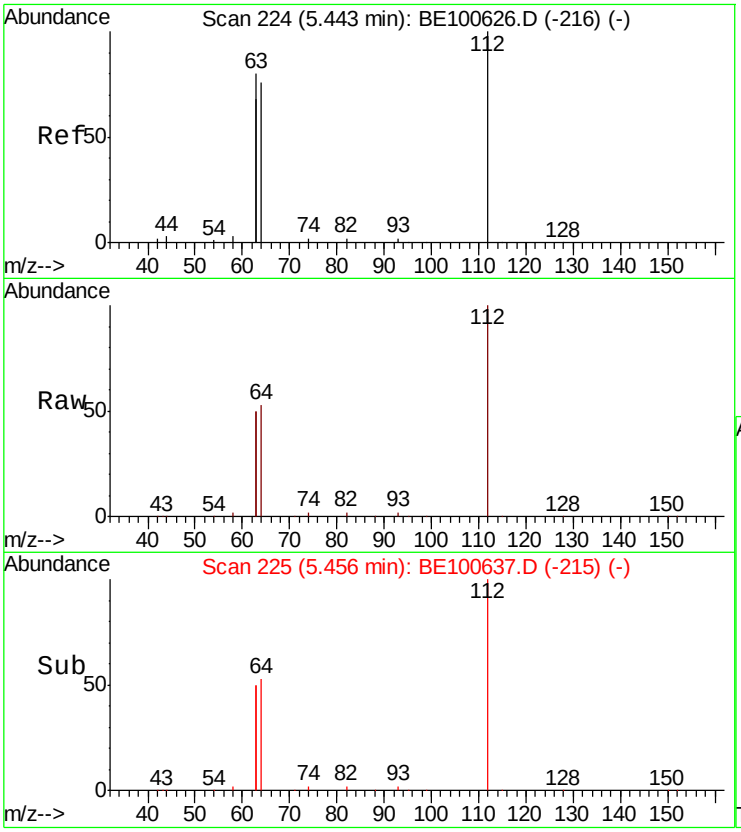


#3
n-Nitrosodimethylamine
Concen: 30.055 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion: 42 Resp: 1671192

Ion	Ratio	Lower	Upper
42	100		
74	120.4	91.7	137.5
44	6.8	8.2	12.2#



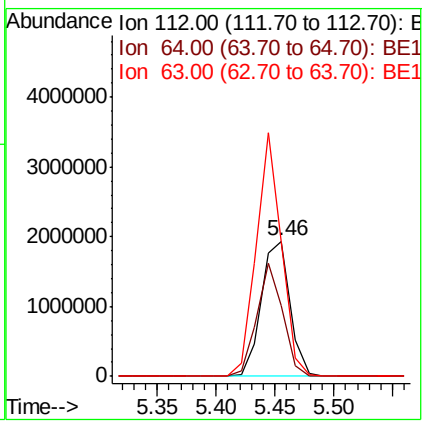


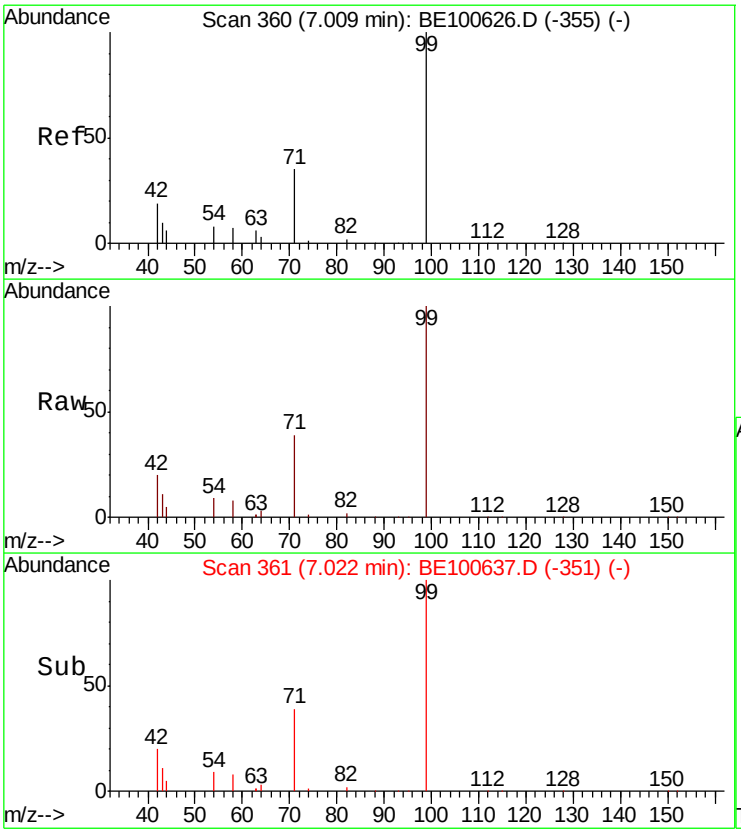
#4
2-Fluorophenol
Concen: 36.266 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 3299703

Ion	Ratio	Lower	Upper
112	100		
64	75.5	58.9	88.3
63	157.7	118.3	177.5

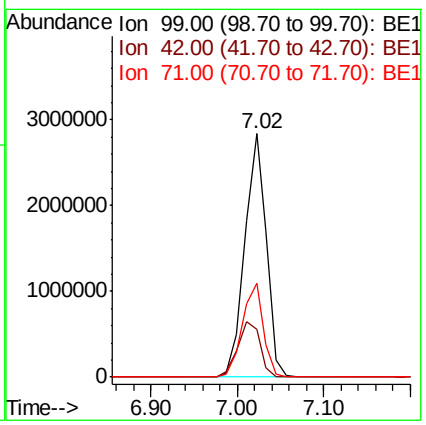


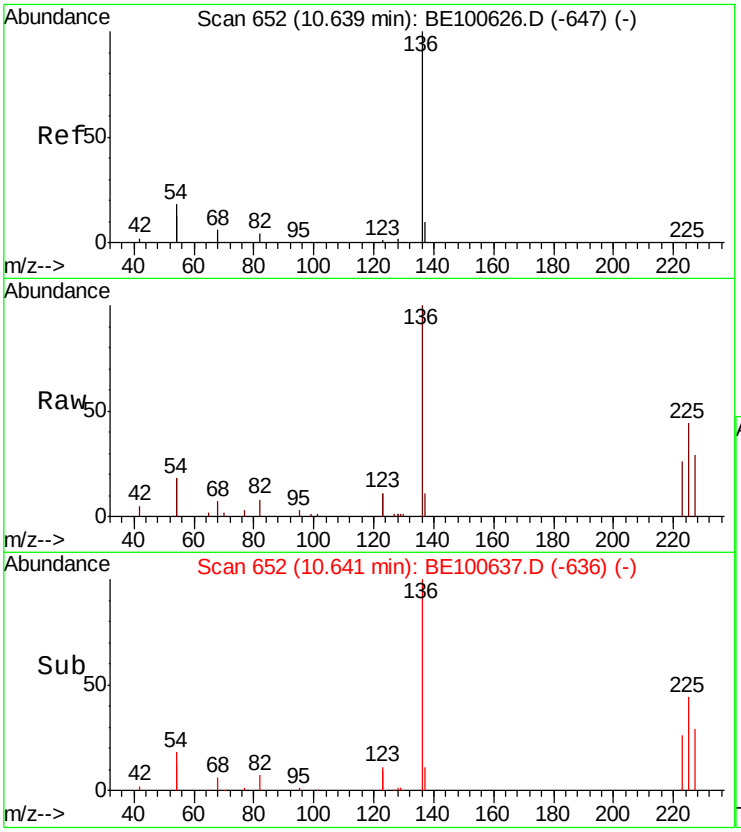


#5
Phenol-d6
Concen: 38.549 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion: 99 Resp: 4946381

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.4	29.2
71	37.7	26.9	40.3



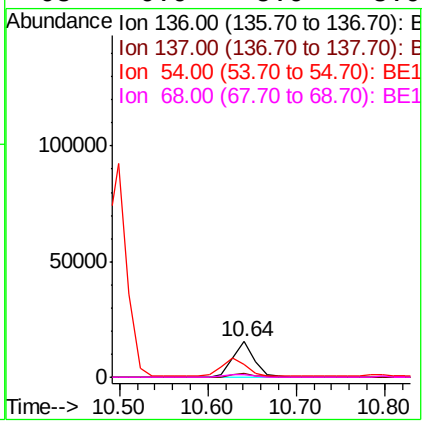


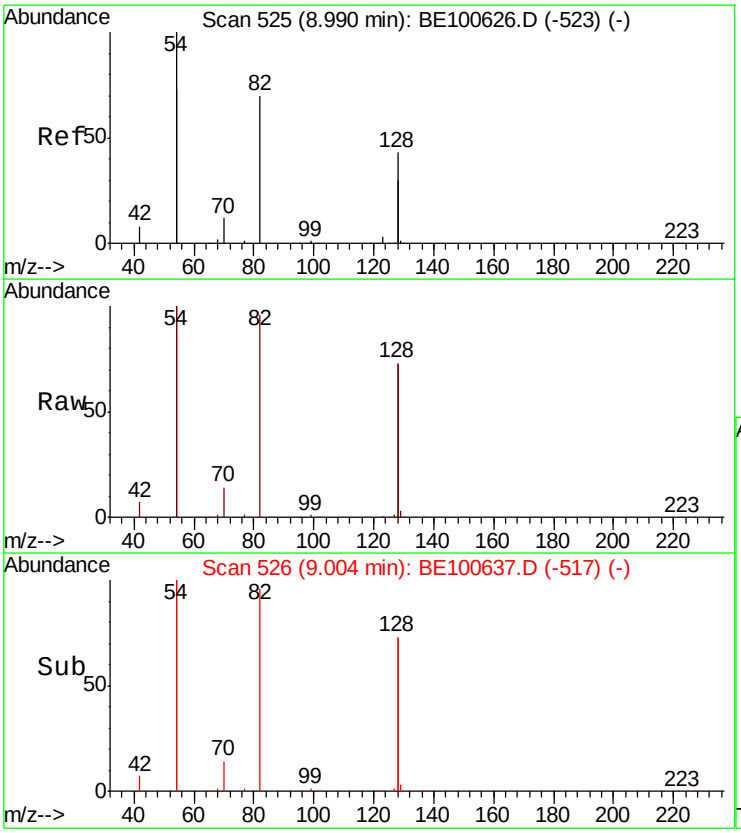
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 26013

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	35.3	28.7	43.1
68	6.9	5.9	8.9

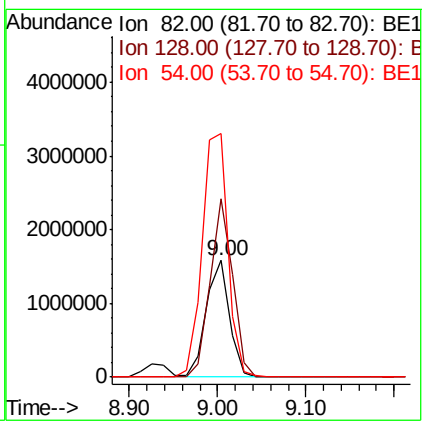


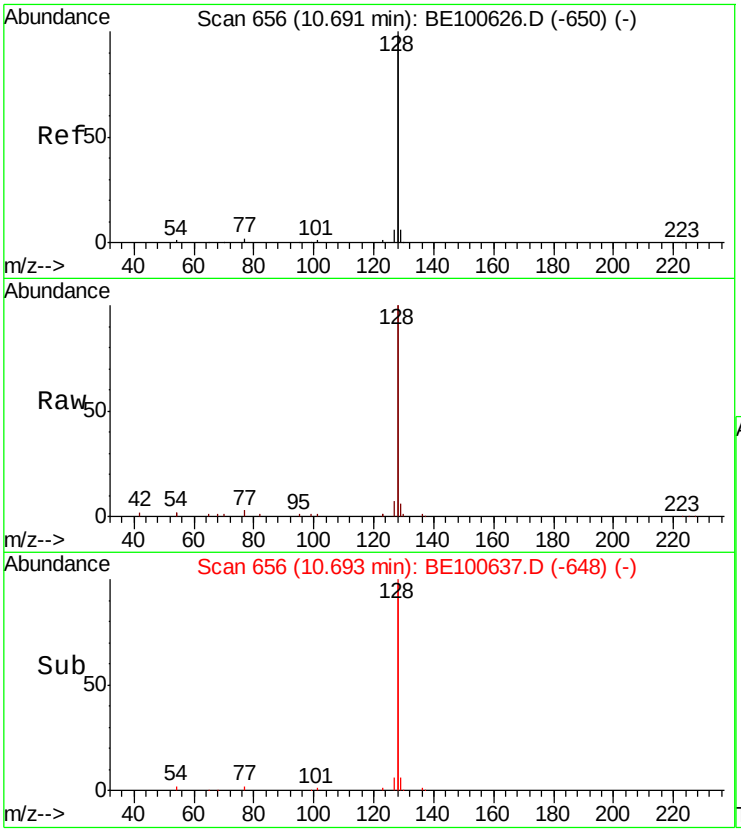


#8
Nitrobenzene-d5
Concen: 177.576 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion: 82 Resp: 2863191

Ion	Ratio	Lower	Upper
82	100		
128	153.1	90.7	136.1#
54	208.9	210.9	316.3#



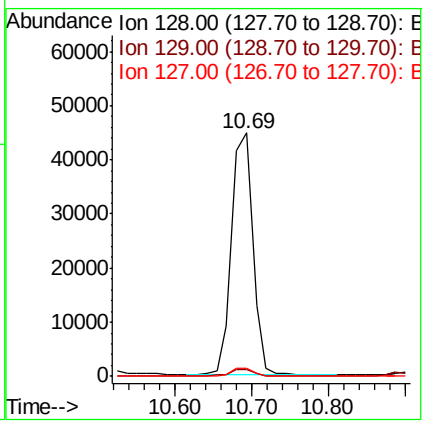


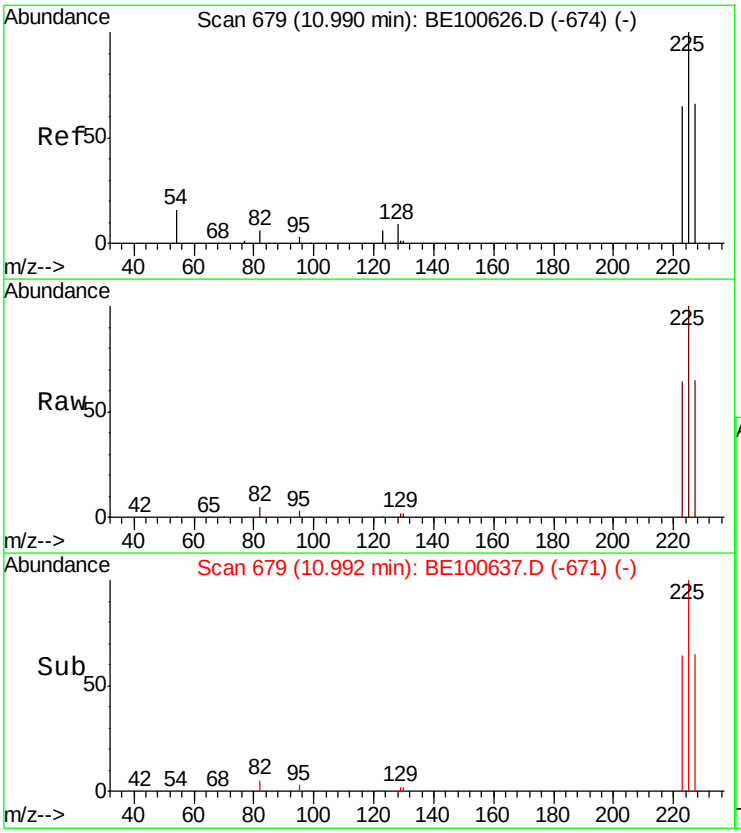
#9
Naphthalene
Concen: 0.312 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 85391

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.3	2.6	3.8

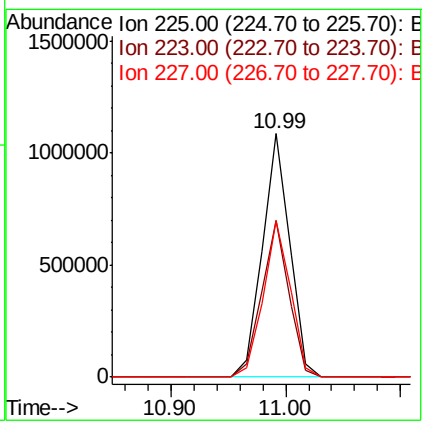


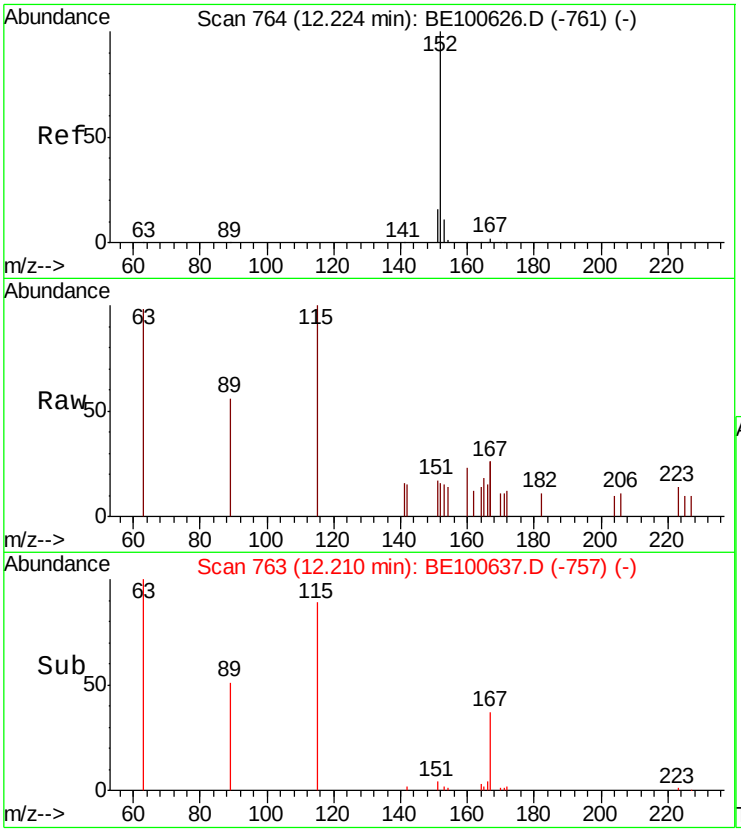


#10
Hexachlorobutadiene
Concen: 152.952 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:225 Resp: 1817822

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.2	76.8
227	64.1	51.8	77.8



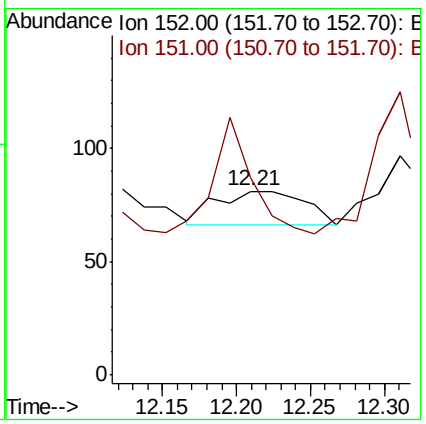


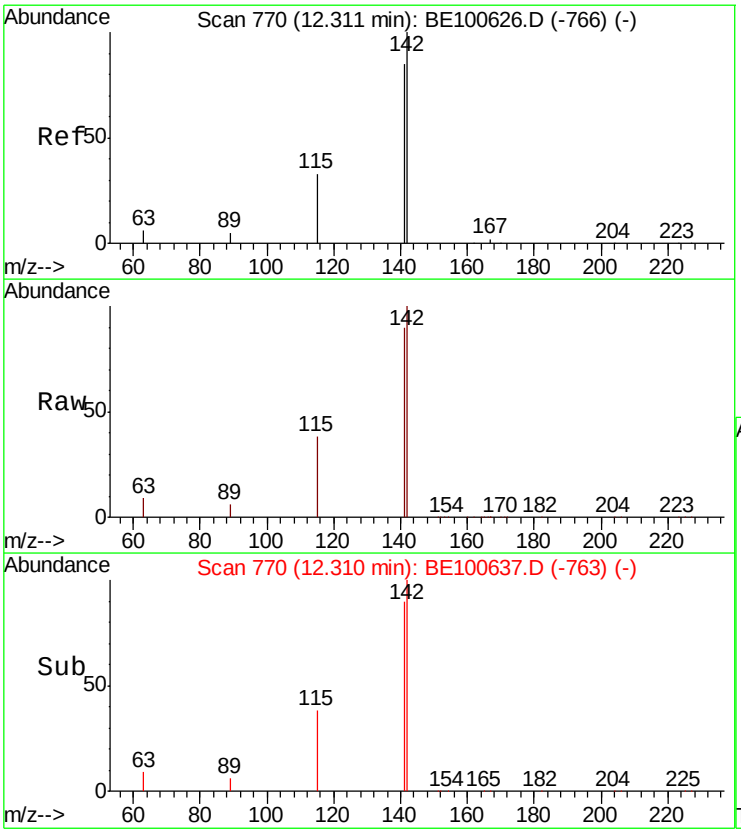
#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 63

Ion	Ratio	Lower	Upper
152	100		
151	150.8	15.2	22.8#

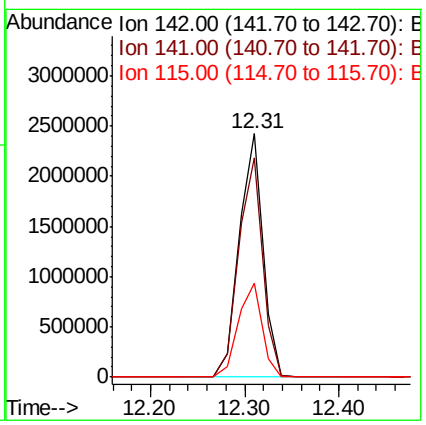


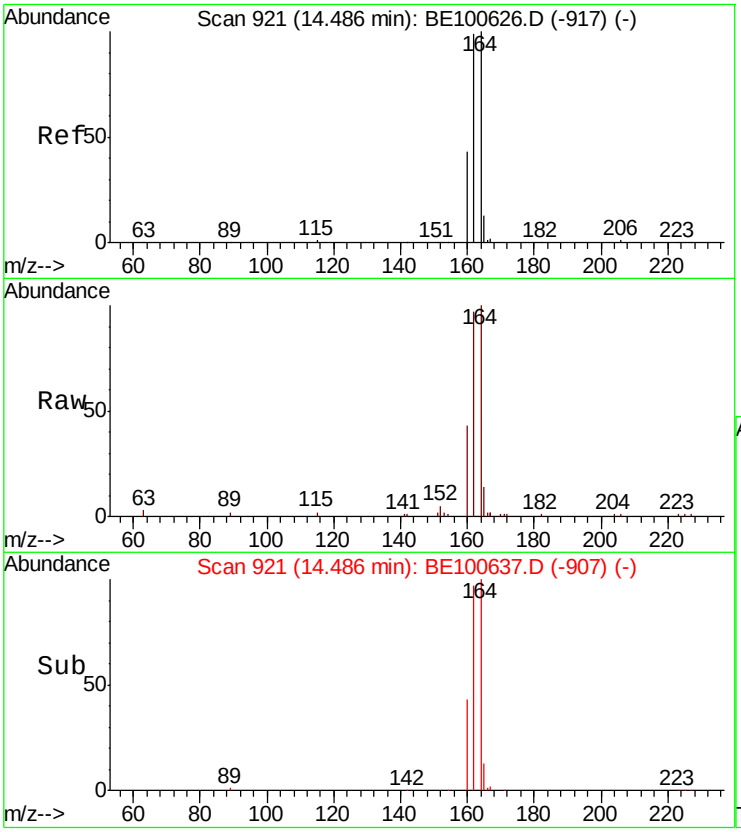


#12
2-Methylnaphthalene
Concen: 91.615 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:142 Resp: 4271620

Ion	Ratio	Lower	Upper
142	100		
141	89.9	68.3	102.5
115	38.3	27.5	41.3



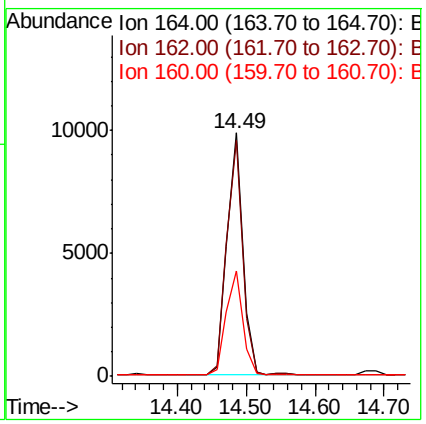


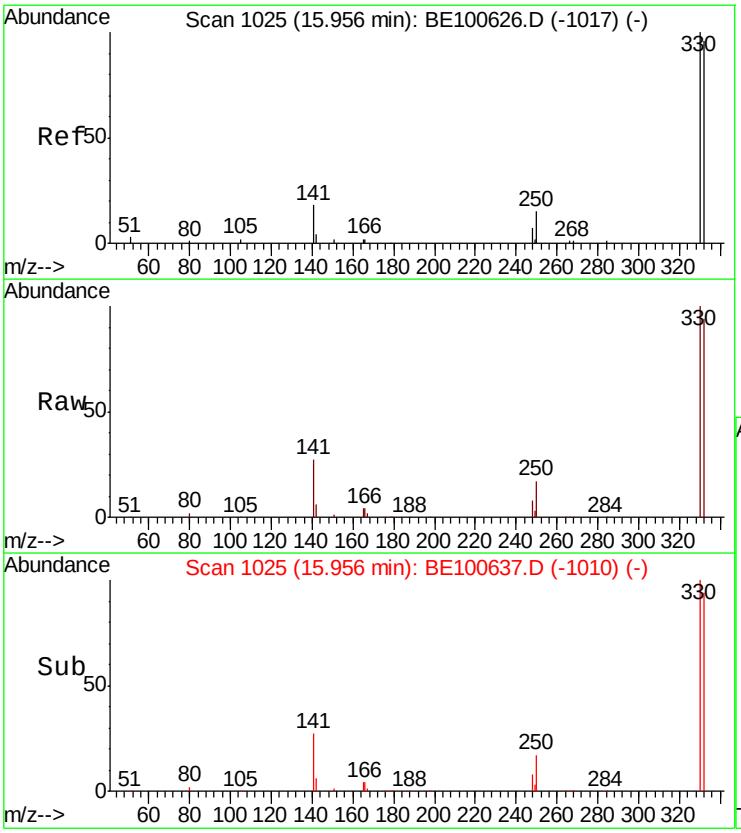
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 15702

Ion	Ratio	Lower	Upper
164	100		
162	96.7	79.1	118.7
160	43.3	34.7	52.1

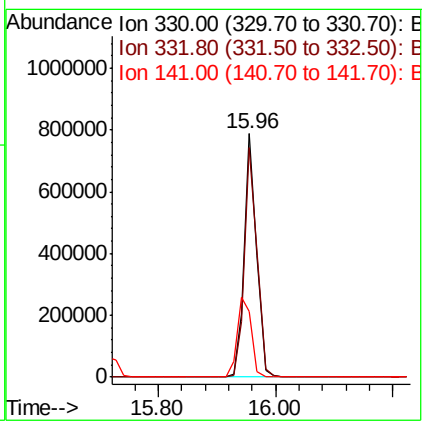


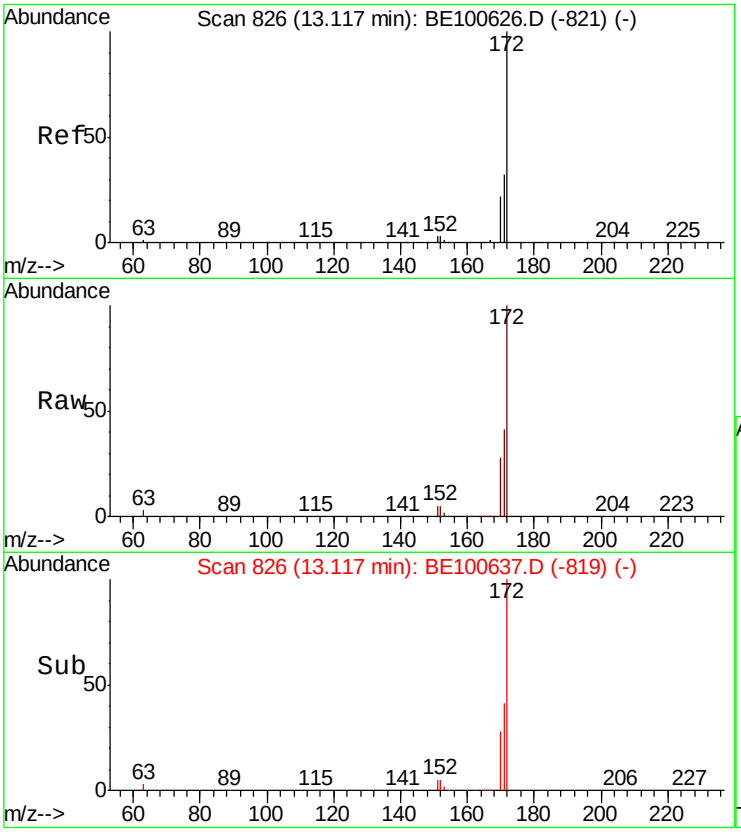


#14
2,4,6-Tribromophenol
Concen: 277.081 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:330 Resp: 1149622

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.2	112.8
141	38.3	37.5	56.3



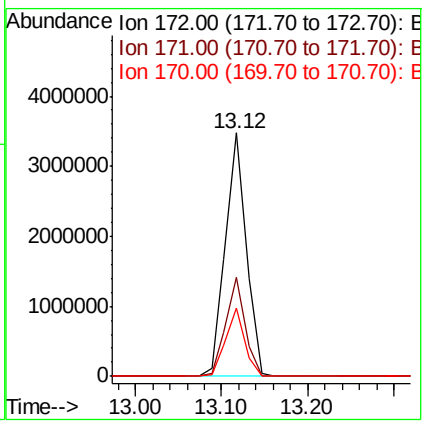


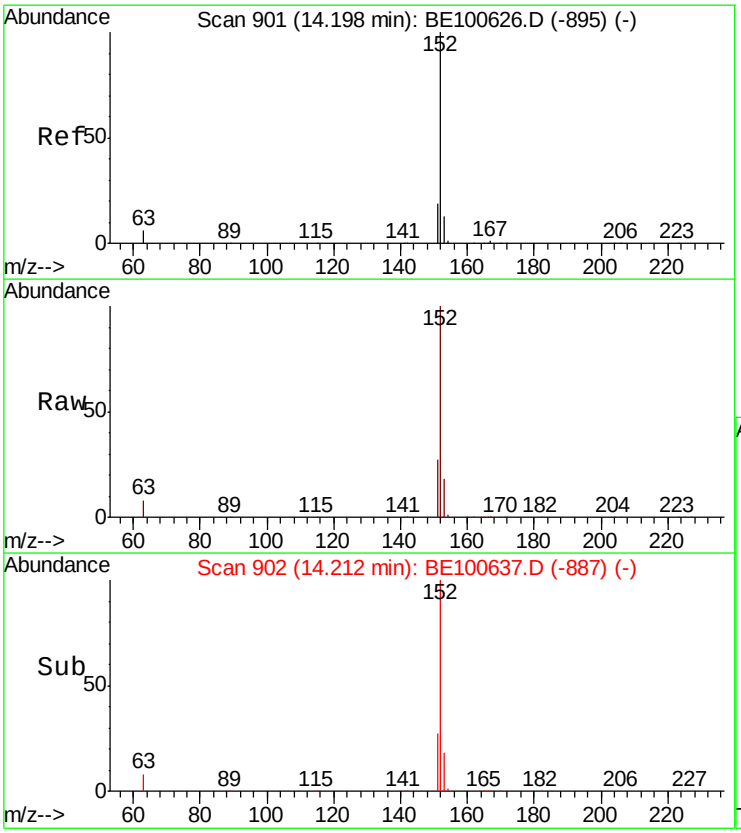
#15
2-Fluorobiphenyl
Concen: 100.897 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5772374

Ion	Ratio	Lower	Upper
172	100		
171	40.6	26.2	39.4#
170	27.9	17.5	26.3#

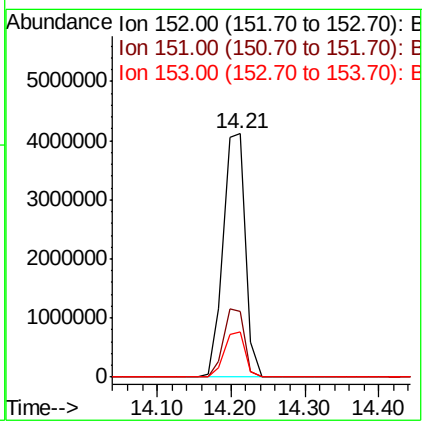


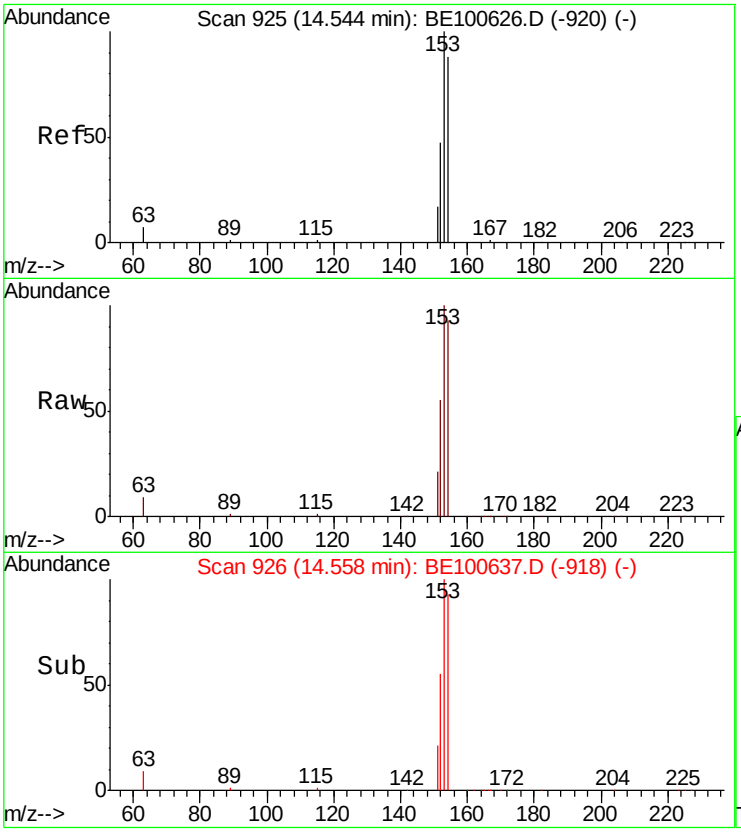


#16
Acenaphthylene
Concen: 127.841 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:152 Resp: 8637680

Ion	Ratio	Lower	Upper
152	100		
151	26.4	15.6	23.4#
153	17.2	10.5	15.7#



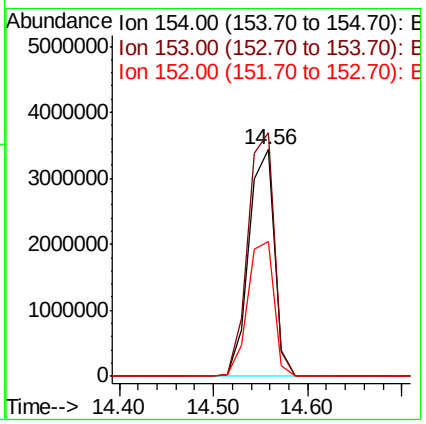


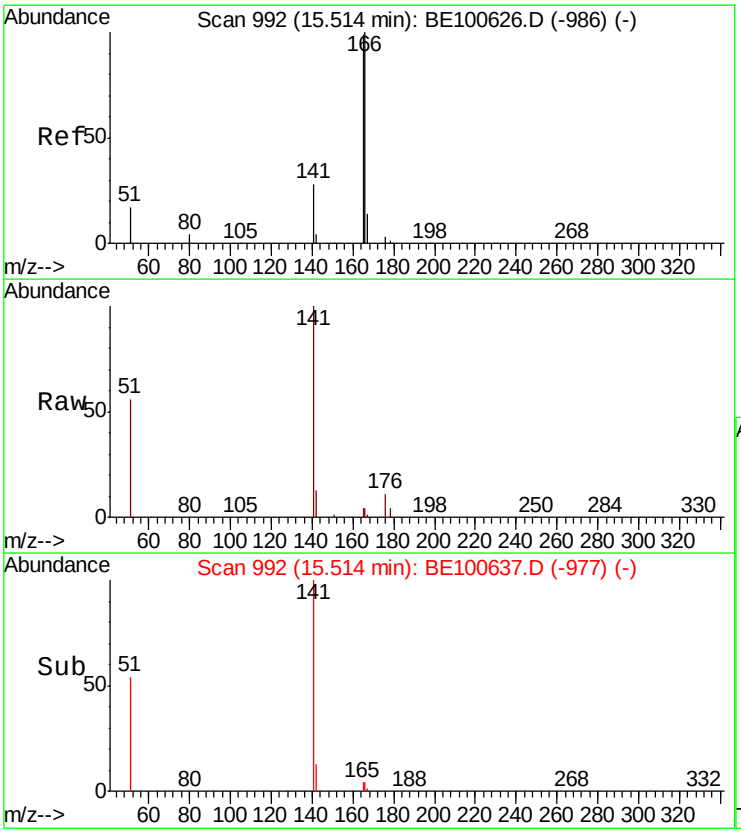
#17
Acenaphthene
Concen: 149.641 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6534180

Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.4	137.2
152	61.2	44.0	66.0

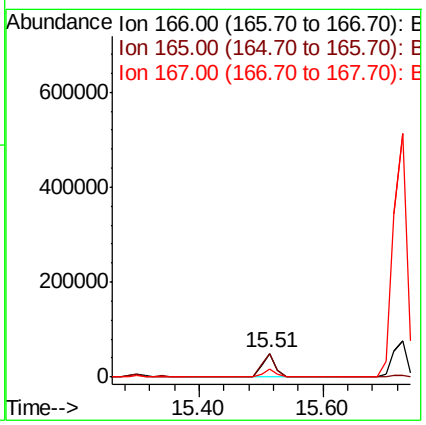


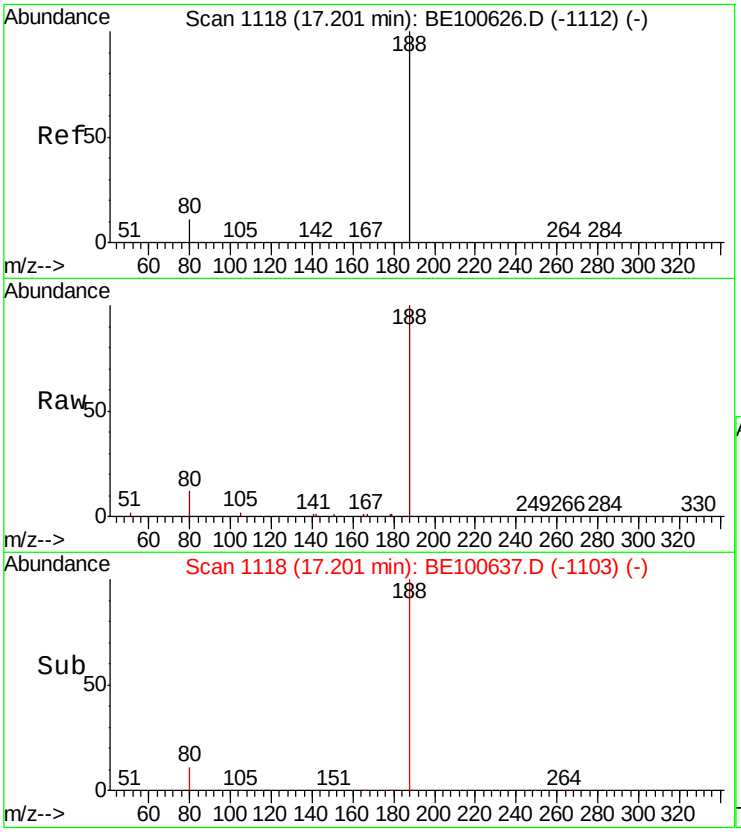


#18
Fluorene
Concen: 1.286 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:166 Resp: 74570

Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.9	118.3
167	30.8	10.9	16.3#



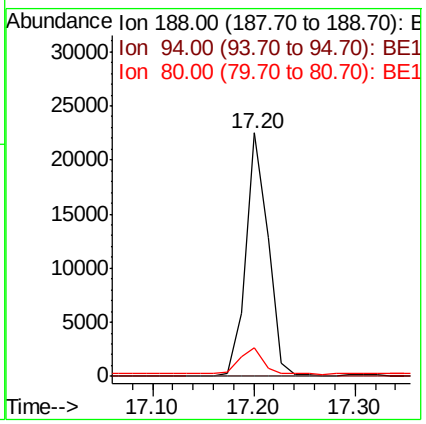


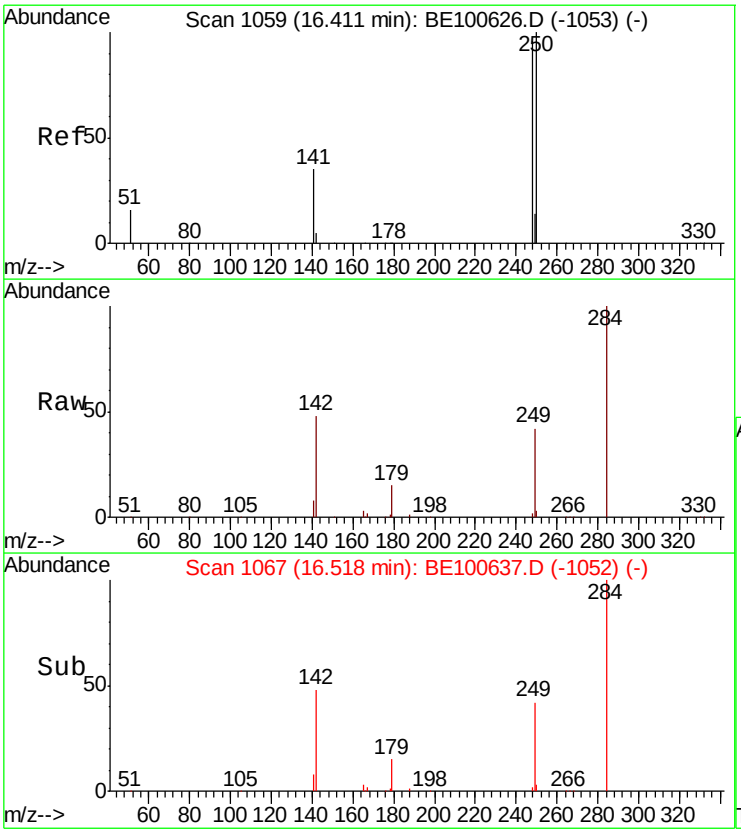
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 34196

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	9.4	14.2

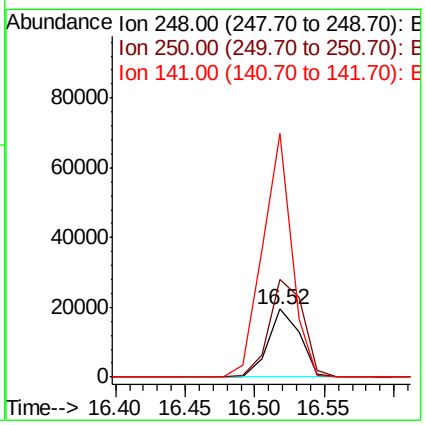


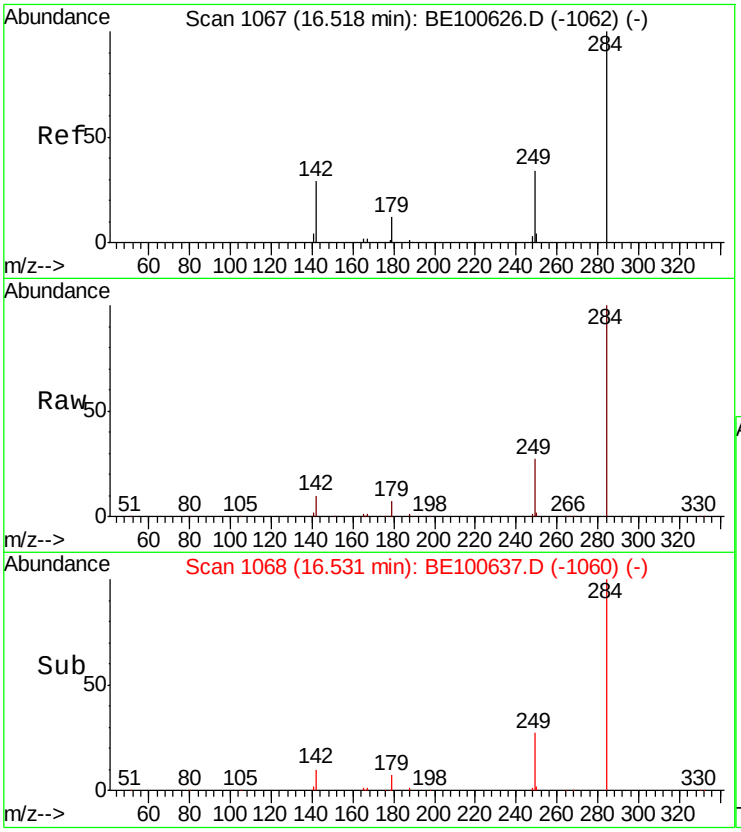


#20
4-Bromophenyl-phenylether
Concen: 1.777 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.11 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:248 Resp: 30912

Ion	Ratio	Lower	Upper
248	100		
250	144.1	83.4	125.2#
141	357.1	30.8	46.2#



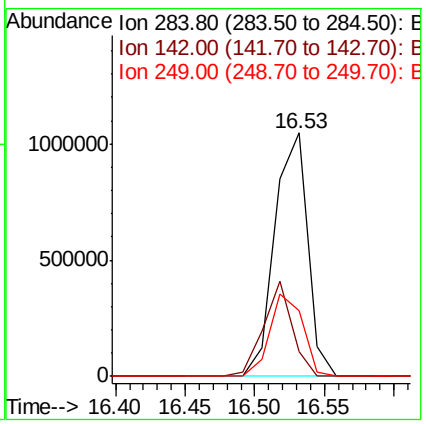


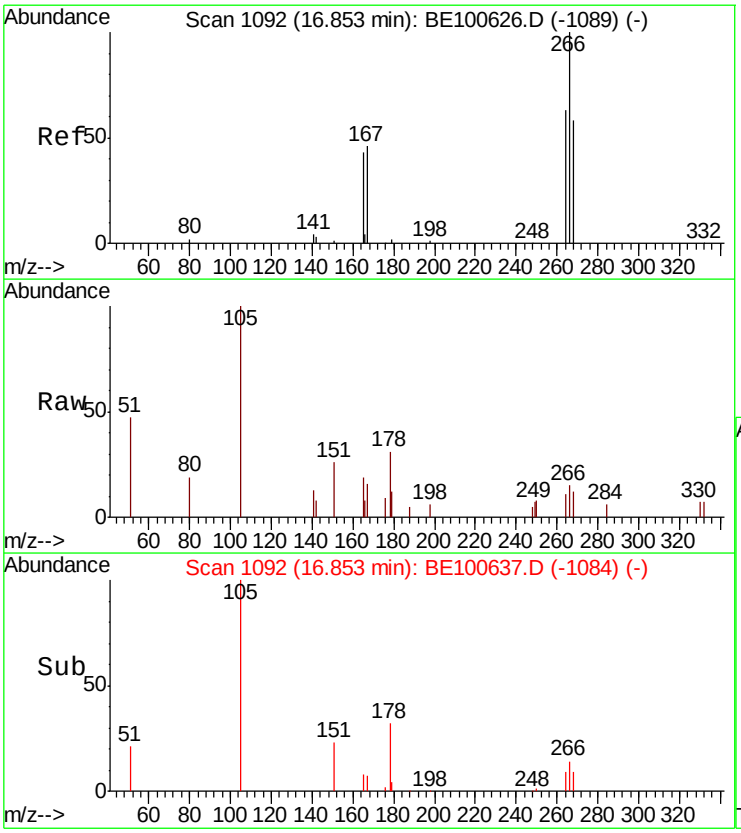
#21
Hexachlorobenzene
Concen: 104.461 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1731779

Ion	Ratio	Lower	Upper
284	100		
142	33.9	29.8	44.8
249	34.0	27.3	40.9

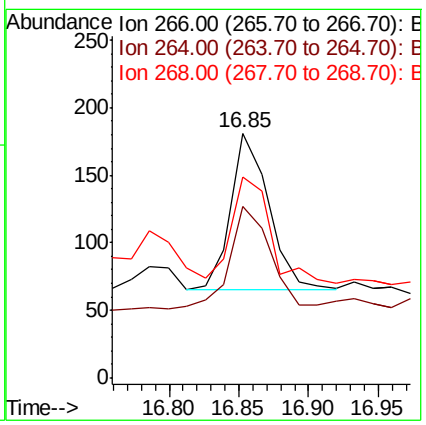


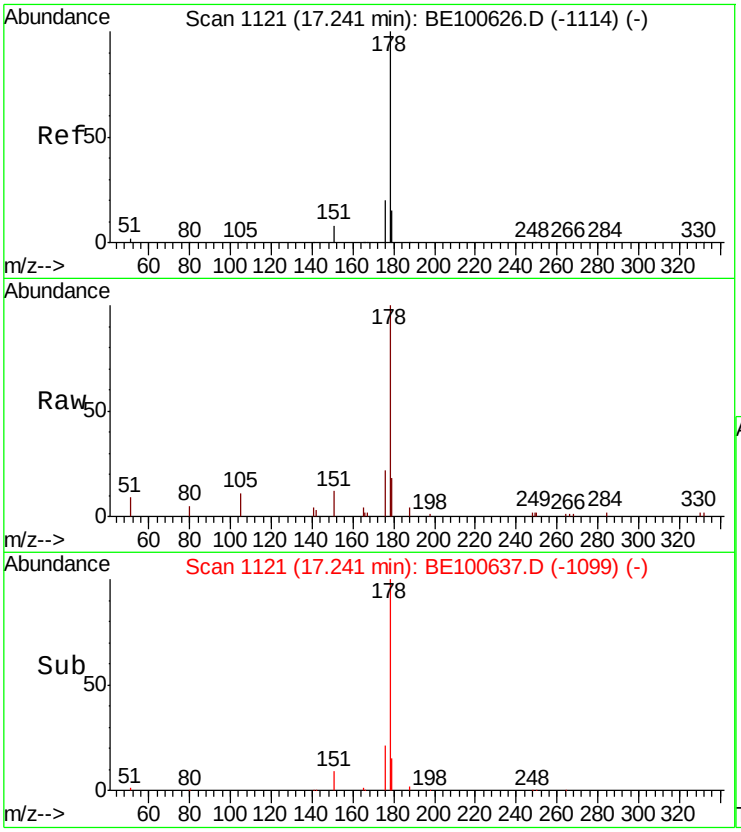


#22
Pentachlorophenol
Concen: 0.041 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:266 Resp: 221

Ion	Ratio	Lower	Upper
266	100		
264	70.2	50.7	76.1
268	82.3	48.5	72.7#



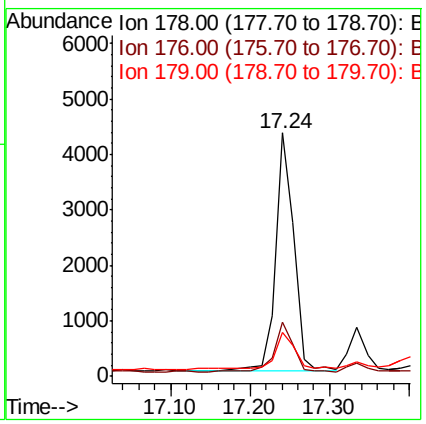


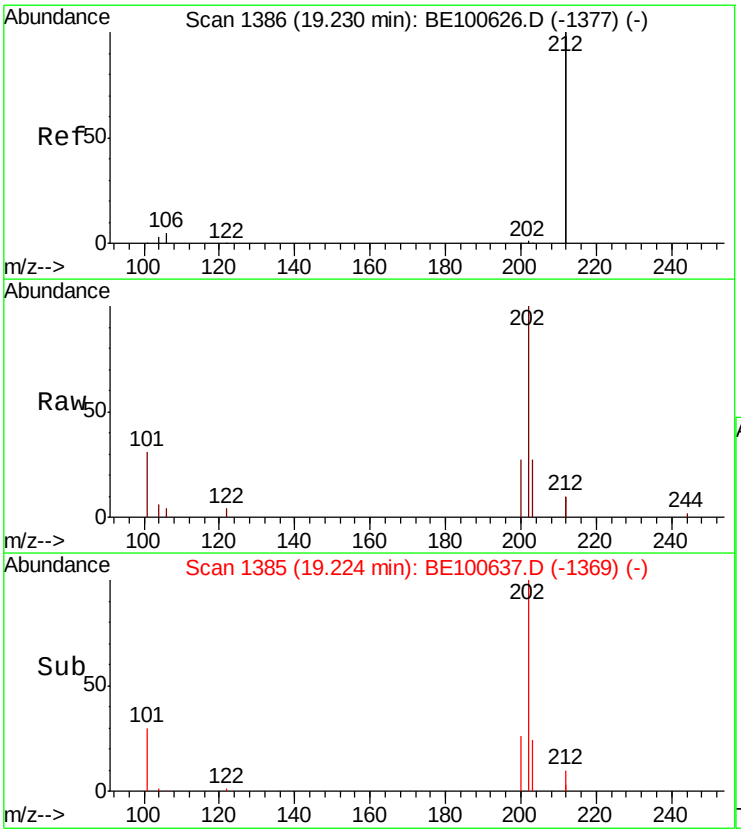
#23
Phenanthrene
Concen: 0.073 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6908

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.6	23.4
179	15.7	12.4	18.6

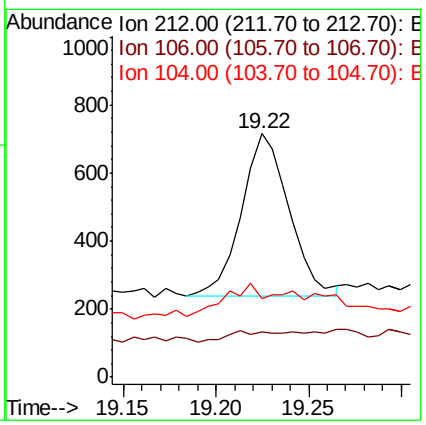


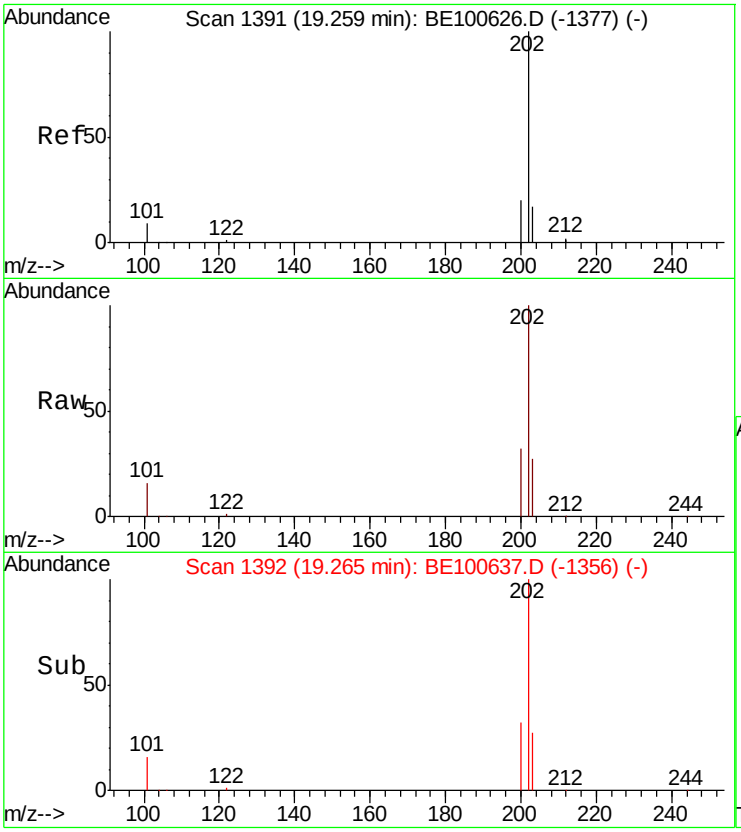


#25
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:212 Resp: 858

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.2	3.4#
104	0.0	1.3	1.9#



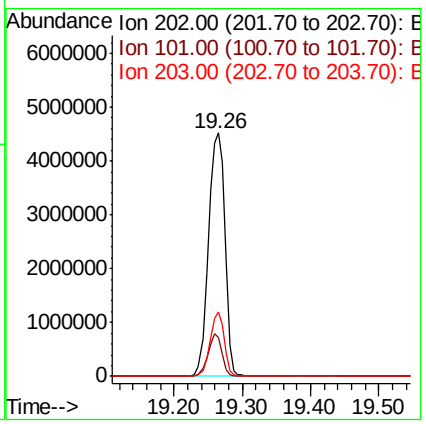


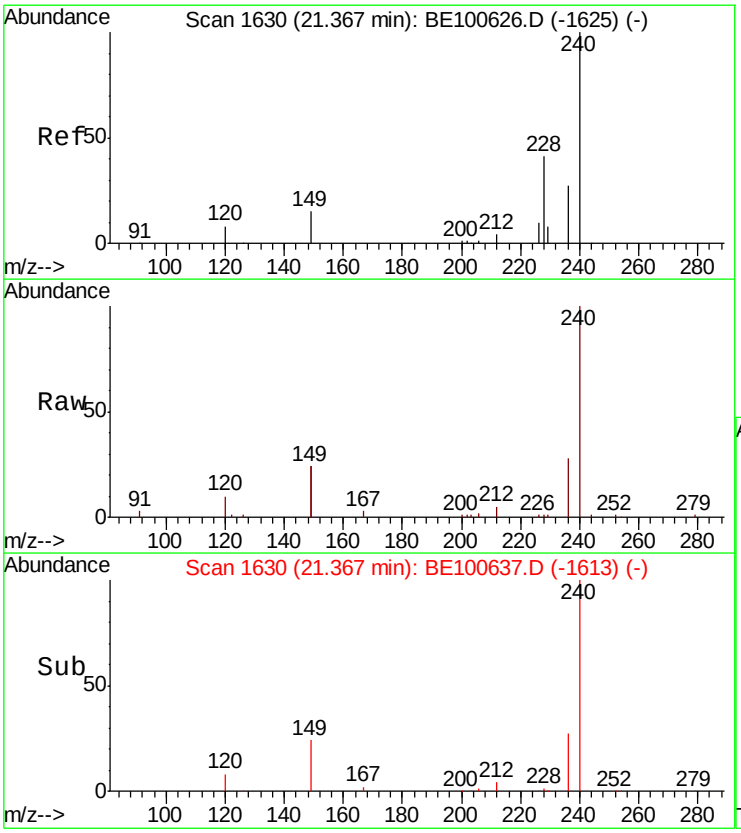
#26
Fluoranthene
Concen: 62.018 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 7613427

Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.4	12.6#
203	22.8	13.8	20.6#

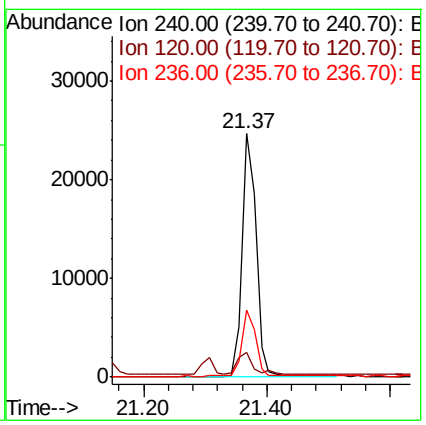


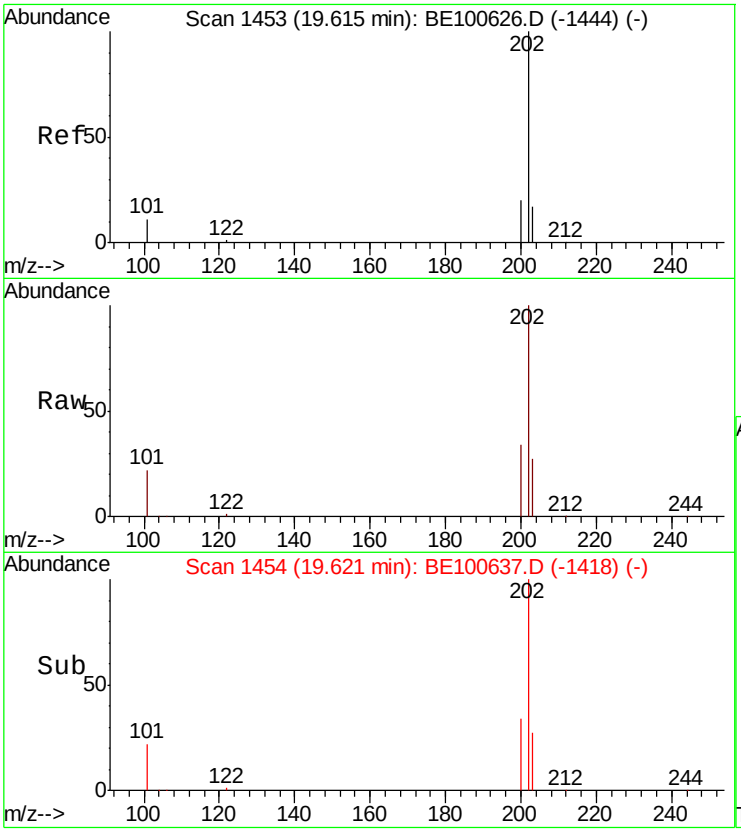


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:240 Resp: 38147

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.4	11.0
236	27.6	21.7	32.5



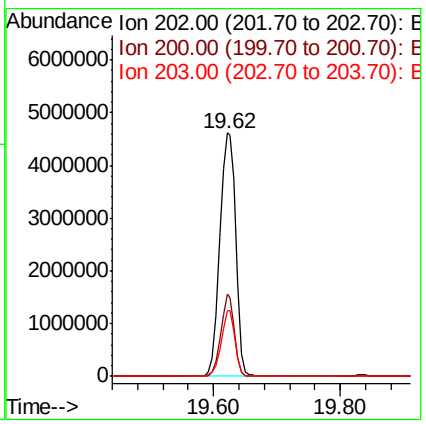


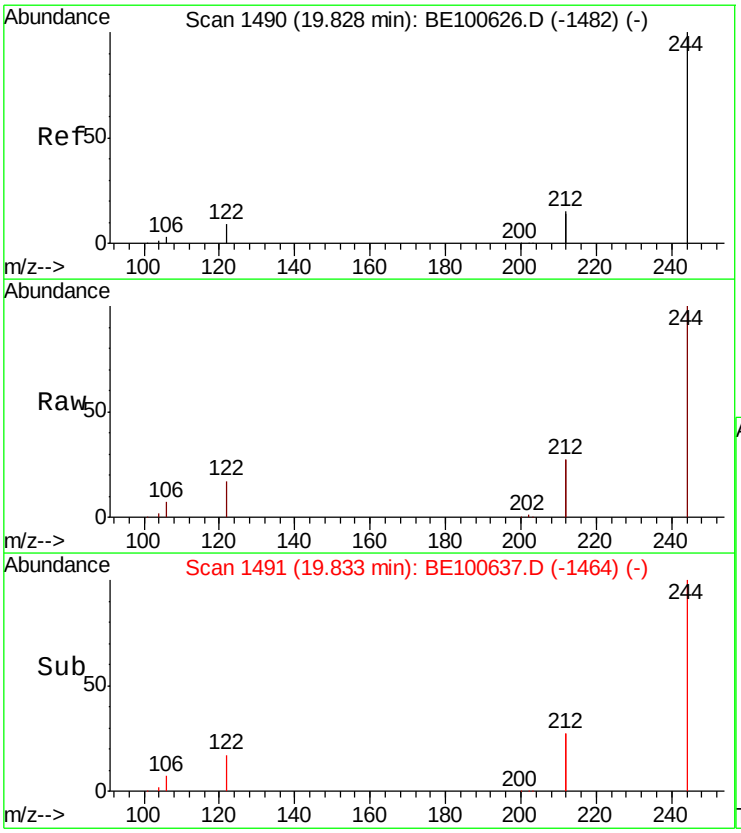
#28
Pyrene
Concen: 76.089 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 8109368

Ion	Ratio	Lower	Upper
202	100		
200	28.6	16.6	24.8#
203	23.5	13.9	20.9#

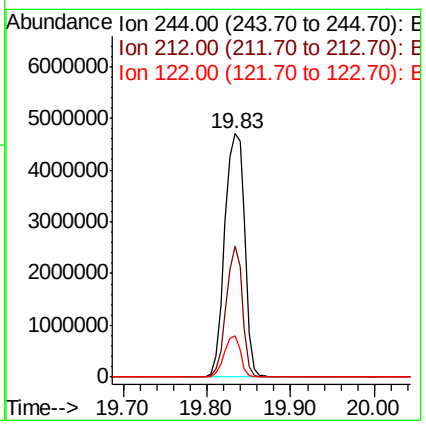


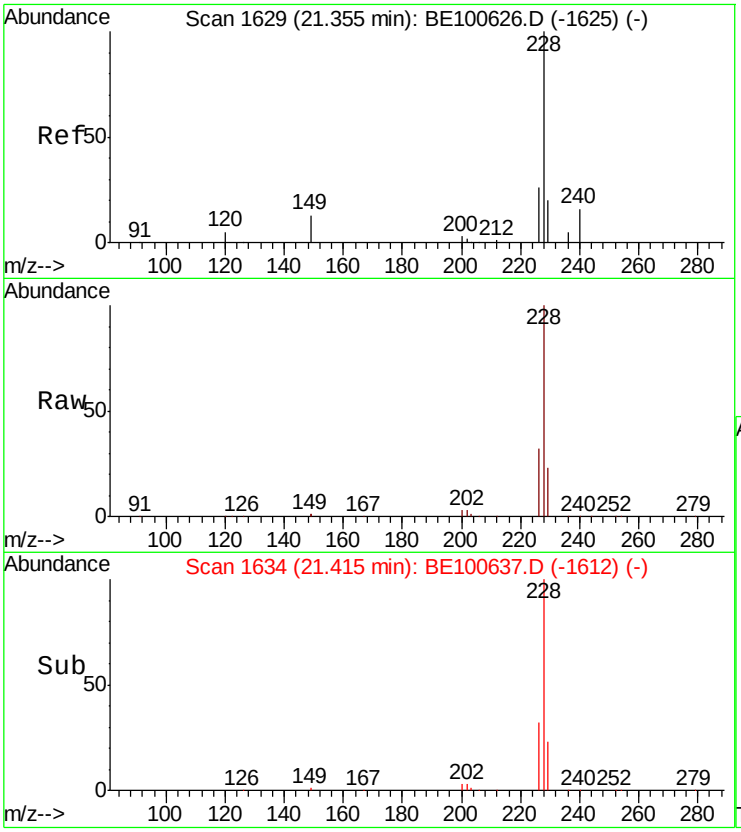


#29
Terphenyl-d14
Concen: 93.738 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:244 Resp: 7818030

Ion	Ratio	Lower	Upper
244	100		
212	53.7	23.9	35.9#
122	16.8	7.7	11.5#



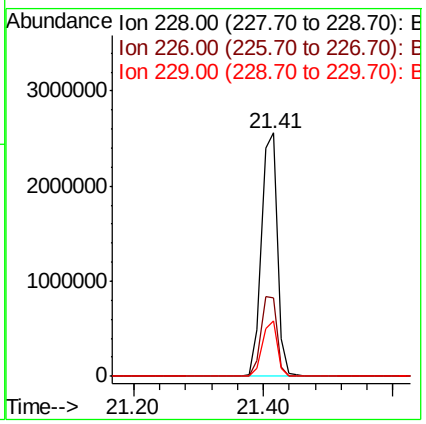


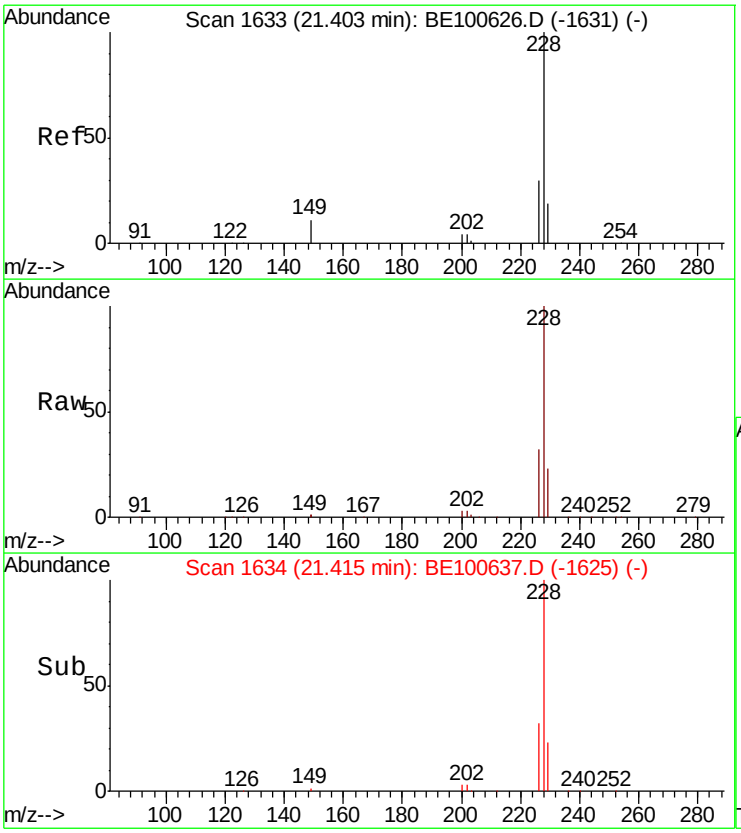
#30
Benzo(a)anthracene
Concen: 34.710 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.06 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4319250

Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.0	31.6#
229	22.7	15.8	23.8

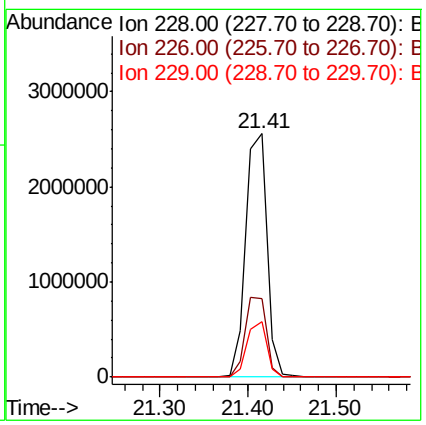


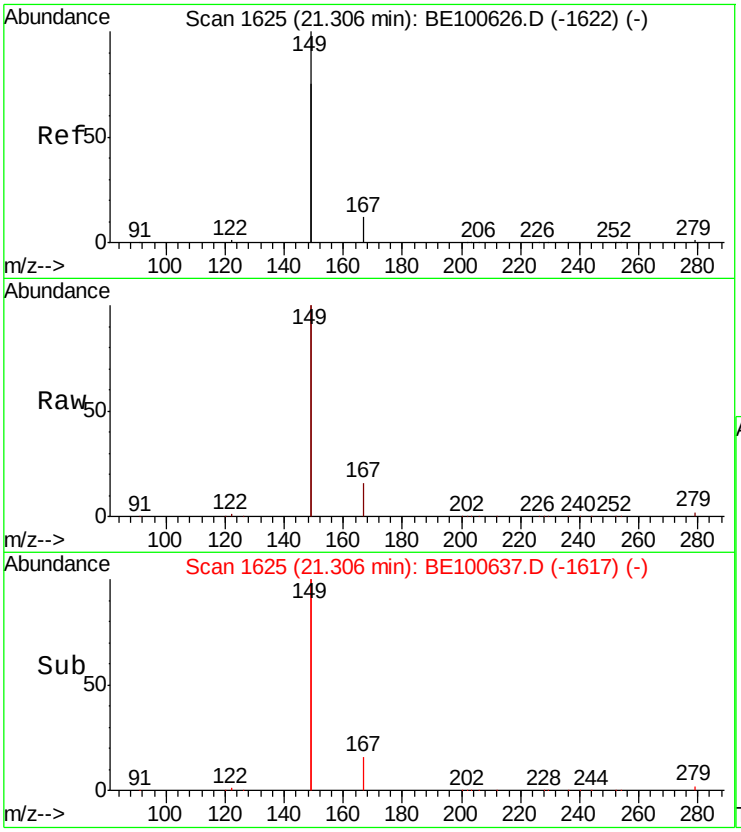


#31
Chrysene
Concen: 34.705 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:228 Resp: 4315891

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.5	36.7
229	22.7	15.6	23.4



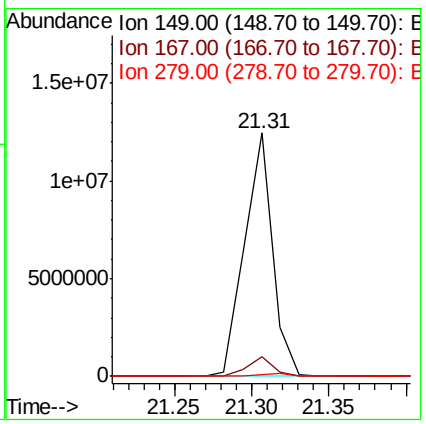


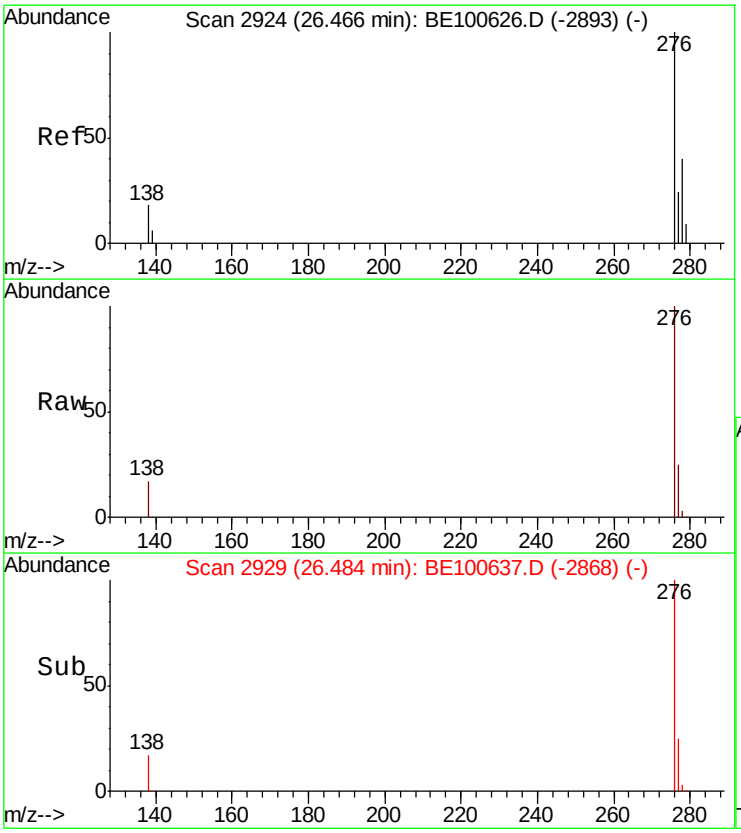
#32
Bis(2-ethylhexyl)phthalate
Concen: 60.076 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp:15636272

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.4	8.2
279	1.2	1.5	2.3#

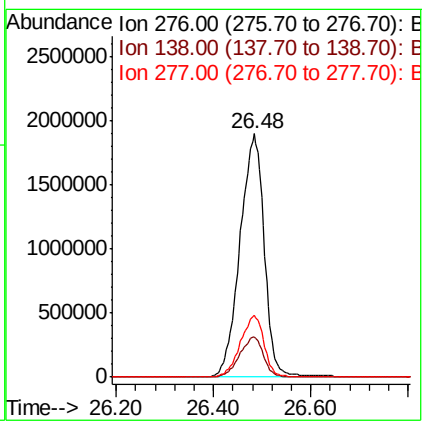


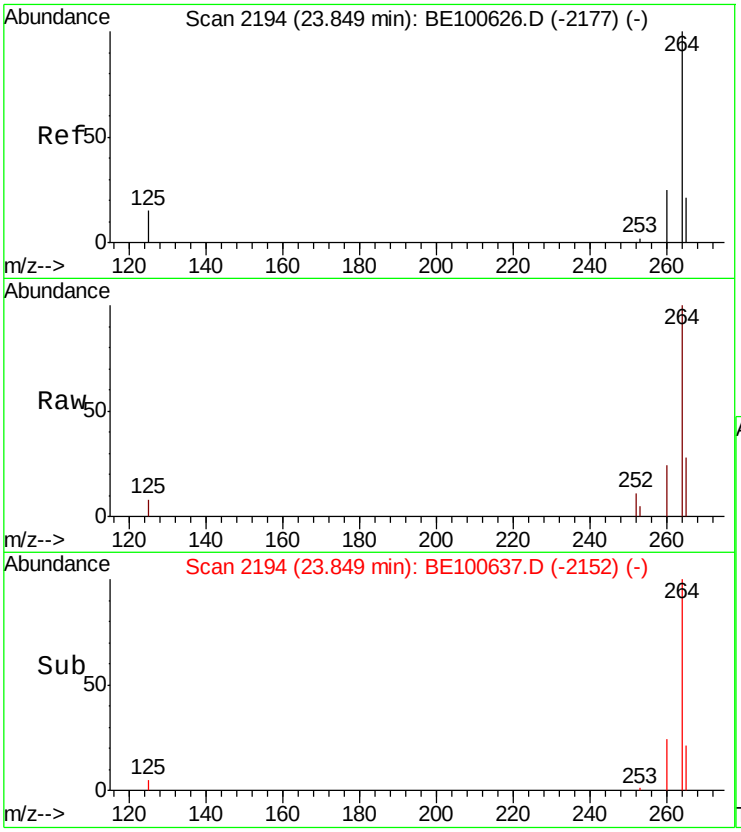


#33
Indeno(1,2,3-cd)pyrene
Concen: 42.947 ng
RT: 26.48 min Scan# 2929
Delta R.T. 0.02 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:276 Resp: 6564136

Ion	Ratio	Lower	Upper
276	100		
138	16.3	16.0	24.0
277	24.9	19.7	29.5



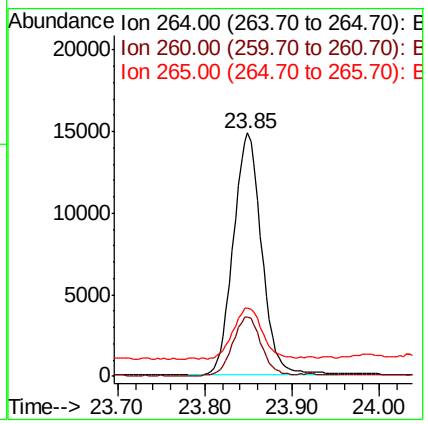


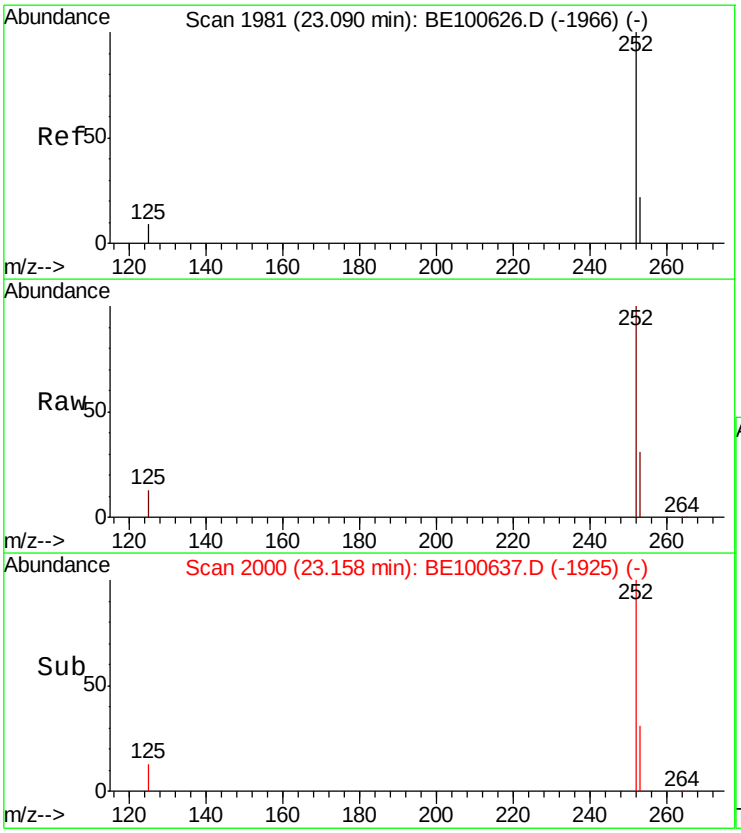
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 33636

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	28.1	20.0	30.0

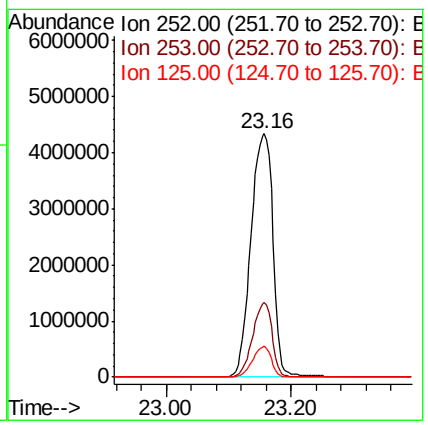


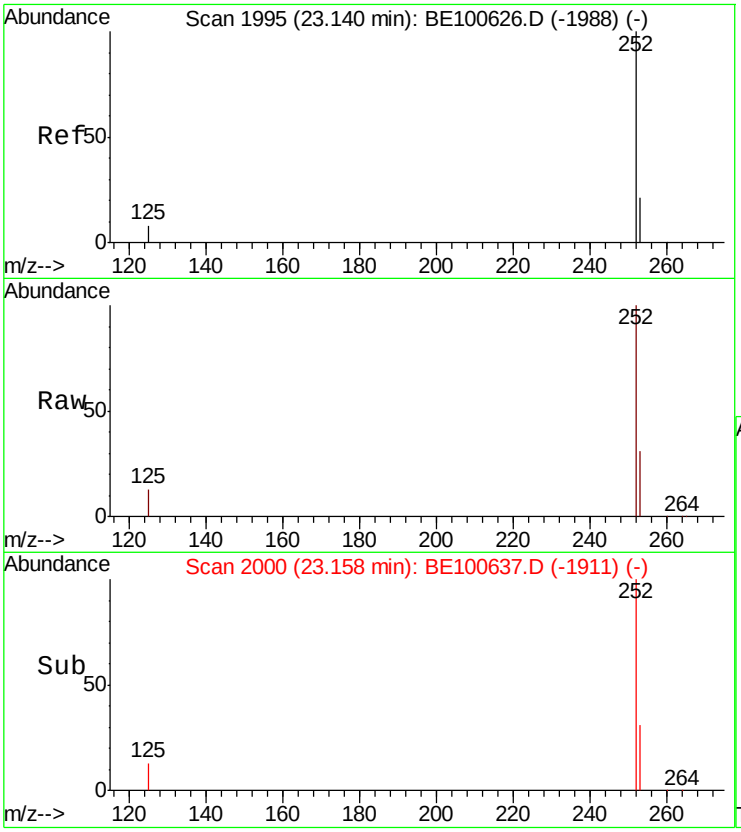


#35
Benzo(b)fluoranthene
Concen: 108.417 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.07 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:252 Resp:10633365

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.8	26.8#
125	12.5	7.6	11.4#



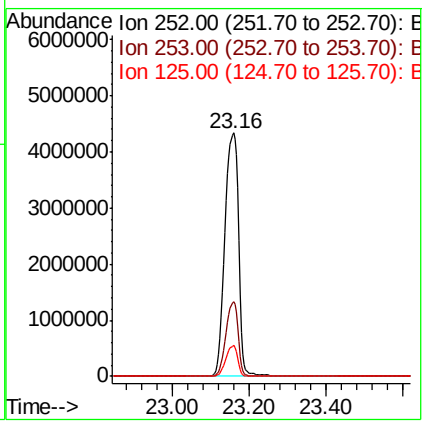


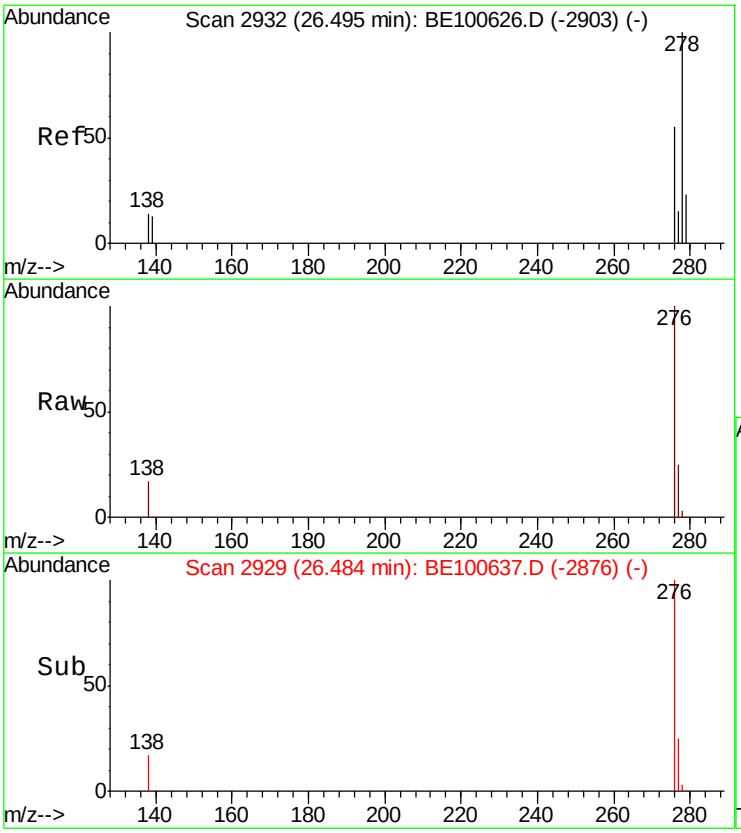
#36
Benzo(k)fluoranthene
Concen: 106.065 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp:10698861

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.8	26.6#
125	12.5	7.6	11.4#

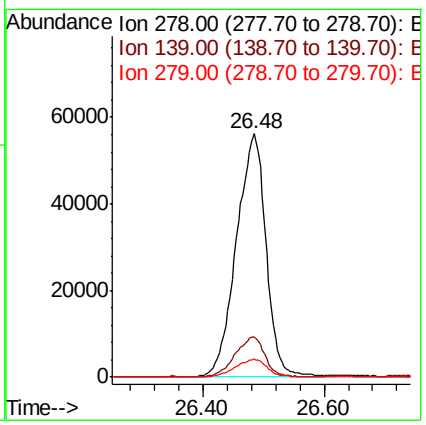


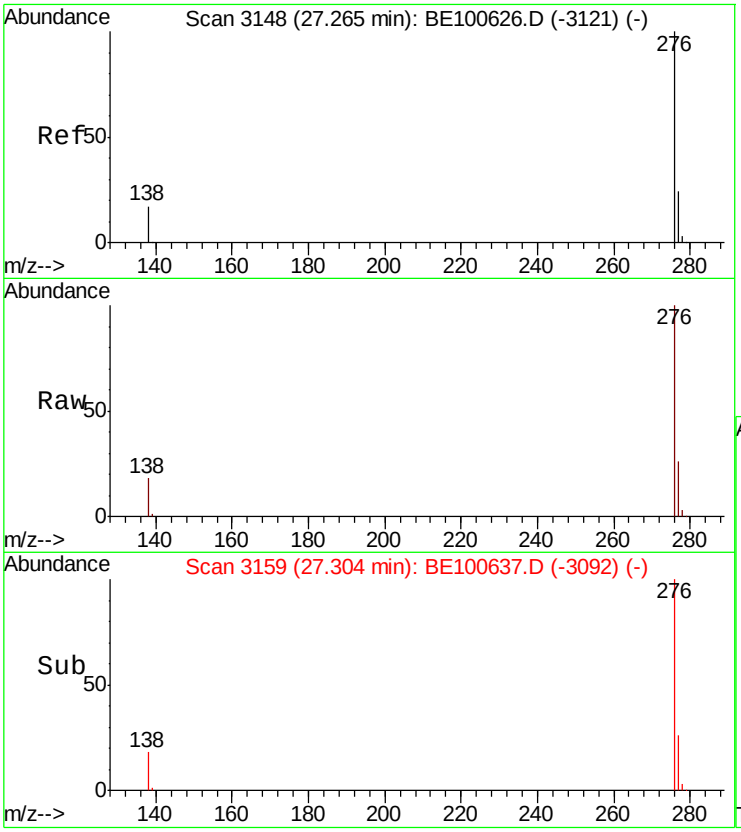


#38
Dibenzo(a,h)anthracene
Concen: 2.015 ng
RT: 26.48 min Scan# 2929
Delta R.T. -0.01 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Tgt Ion:278 Resp: 190117

Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.2	16.8
279	7.6	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 93.671 ng
RT: 27.30 min Scan# 3159
Delta R.T. 0.04 min
Lab File: BE100637.D
Acq: 11 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8889790

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.3	28.9
138	18.2	14.5	21.7