Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
Data File : BE100638.D
Acq On : 11 Oct 2019 16:01
Operator : JU
Sample : K4839-08RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 11 16:55:12 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	7.85	152	22710	0.40	ng		-0.01
7) Naphthalene-d8	10.64	136	18724	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	10871	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	25735	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29204	0.40	ng		0.00
34) Perylene-d12	23.84	264	33495	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2732658	38.97	ng		0.01
5) Phenol-d6	7.02	99	4111388	41.57	ng		0.01
8) Nitrobenzene-d5	9.00	82	2286663	197.03	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	513	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1057525	368.15	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	4633447	116.98	ng		0.00
25) Fluoranthene-d10	19.22	212	4532	0.01	ng		0.00
29) Terphenyl-d14	19.83	244	6941688	108.72	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.70	42	2742	0.064	ng	#	83
9) Naphthalene	10.81	128	579814	2.945	ng	#	93
10) Hexachlorobutadiene	10.99	225	3953	0.462	ng		97
12) 2-Methylnaphthalene	12.30	142	10898	0.325	ng		95
16) Acenaphthylene	14.20	152	23270	0.497	ng		100
17) Acenaphthene	14.57	154	443514	14.671	ng	#	4
21) Hexachlorobenzene	16.52	284	4345	0.348	ng		99
22) Pentachlorophenol	16.85	266	986691	245.493	ng		98
26) Fluoranthene	19.25	202	22274	0.241	ng		100
28) Pyrene	19.62	202	25082	0.307	ng		99
30) Benzo(a)anthracene	21.40	228	11652	0.122	ng		96
31) Chrysene	21.40	228	11344	0.119	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	38524	0.193	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.45	276	16919	0.145	ng	#	94
35) Benzo(b)fluoranthene	23.13	252	35717	0.366	ng		99
36) Benzo(k)fluoranthene	23.13	252	35717	0.356	ng		99
39) Benzo(g,h,i)perylene	27.25	276	25767	0.273	ng		98

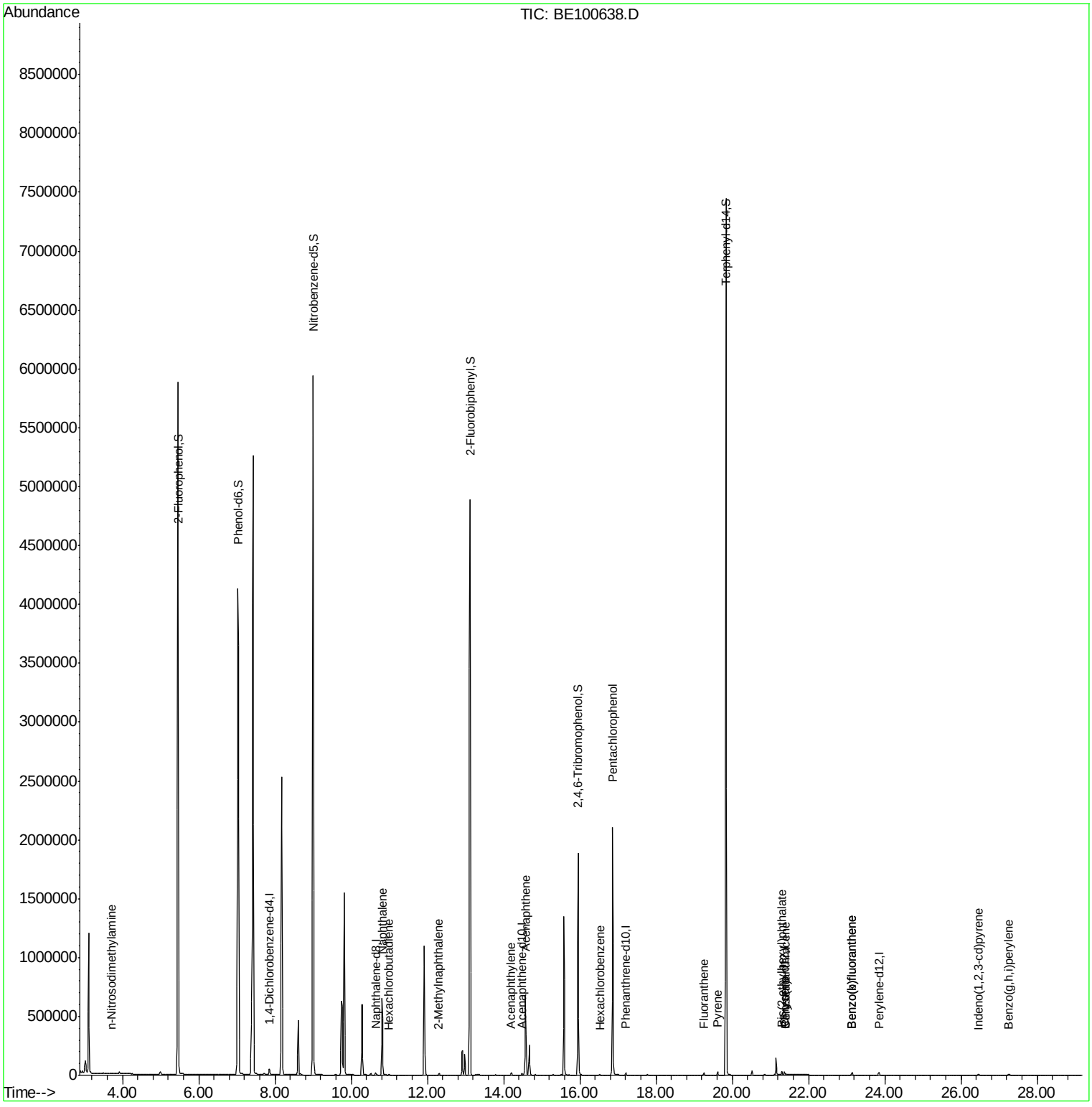
(#) = qualifier out of range (m) = manual integration (+) = signals summed

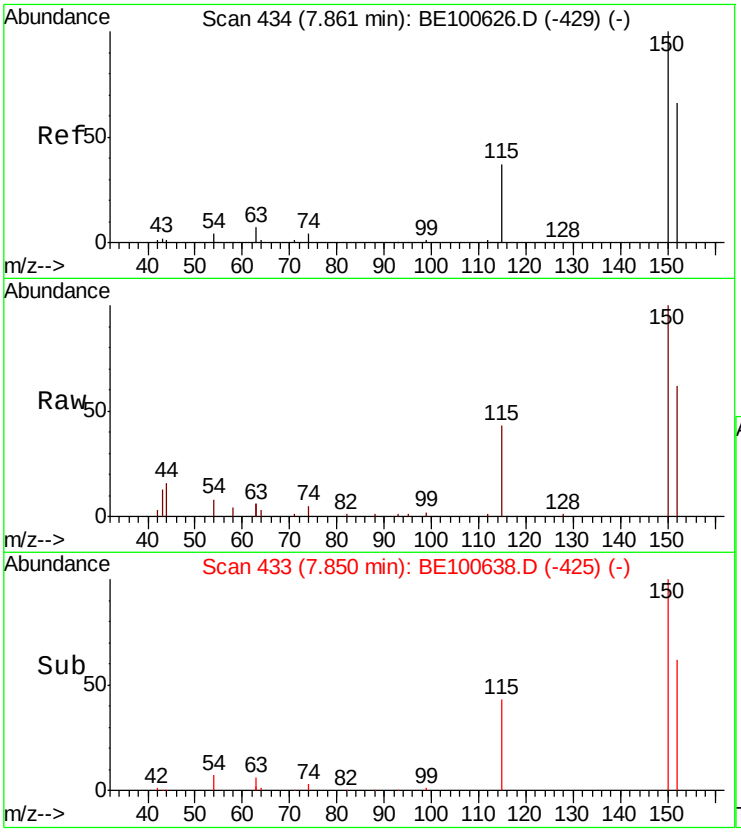
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
Data File : BE100638.D
Acq On : 11 Oct 2019 16:01
Operator : JU
Sample : K4839-08RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 11 16:55:12 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



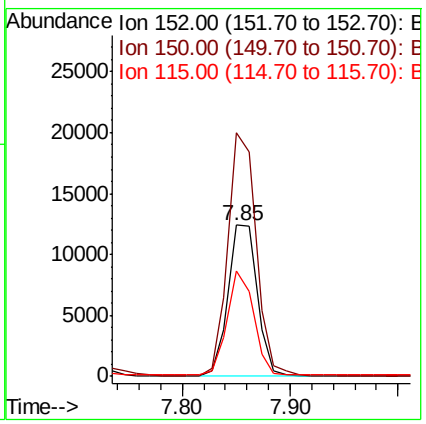


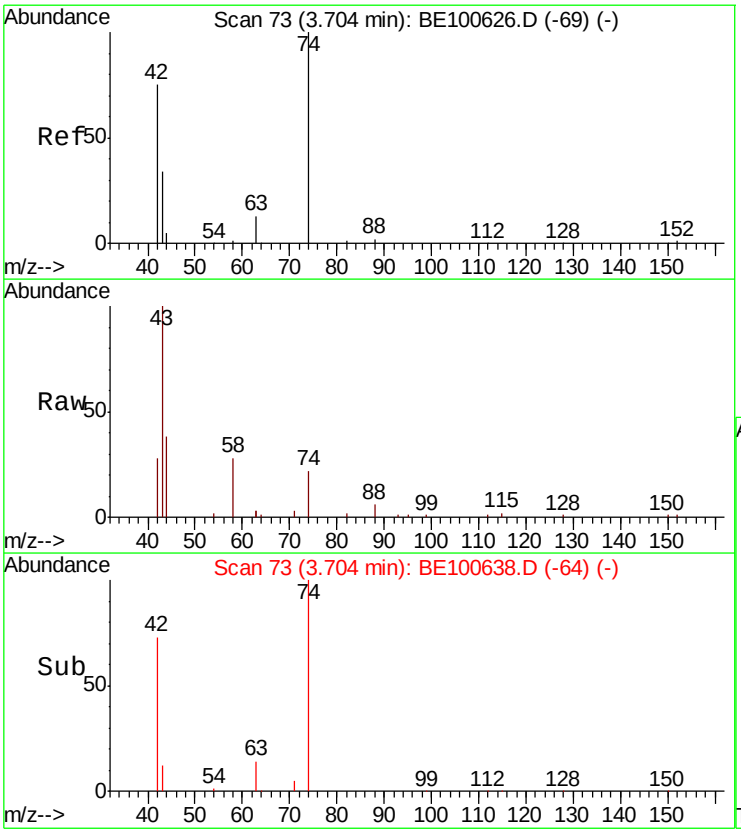
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 22710

Ion	Ratio	Lower	Upper
152	100		
150	161.4	120.7	181.1
115	70.1	48.0	72.0

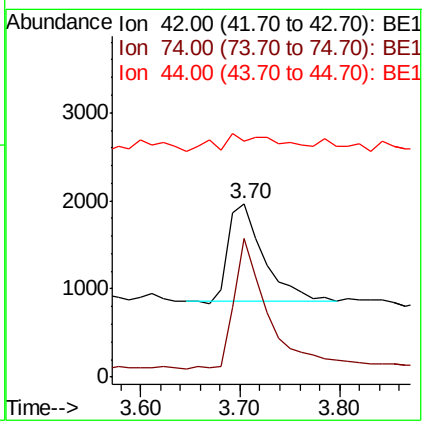


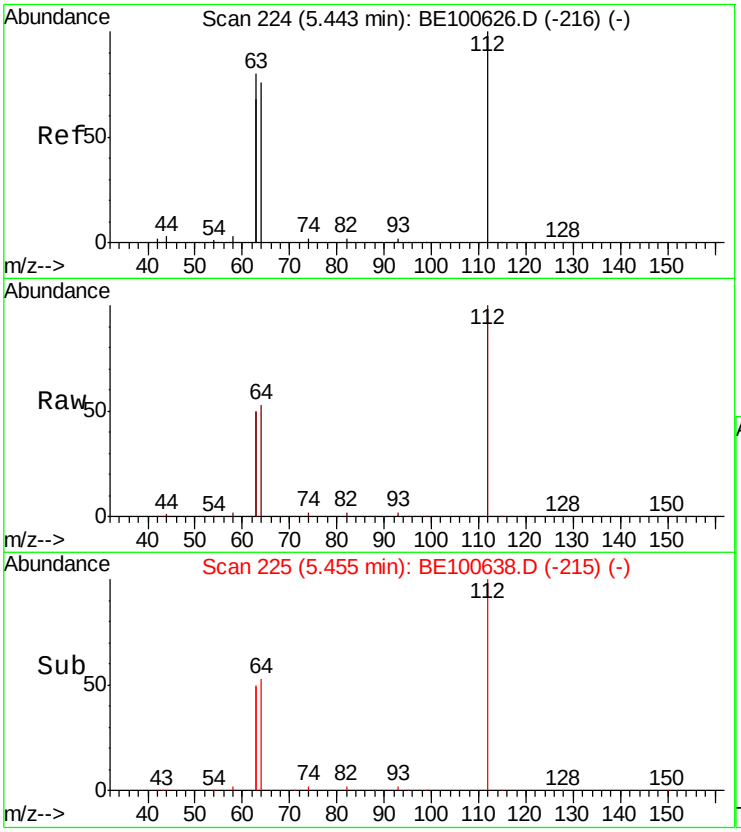


#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion: 42 Resp: 2742

Ion	Ratio	Lower	Upper
42	100		
74	129.6	91.7	137.5
44	27.9	8.2	12.2#



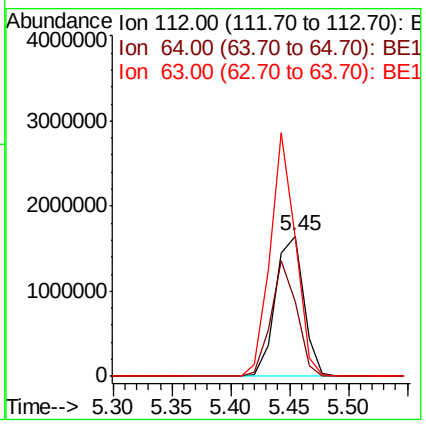


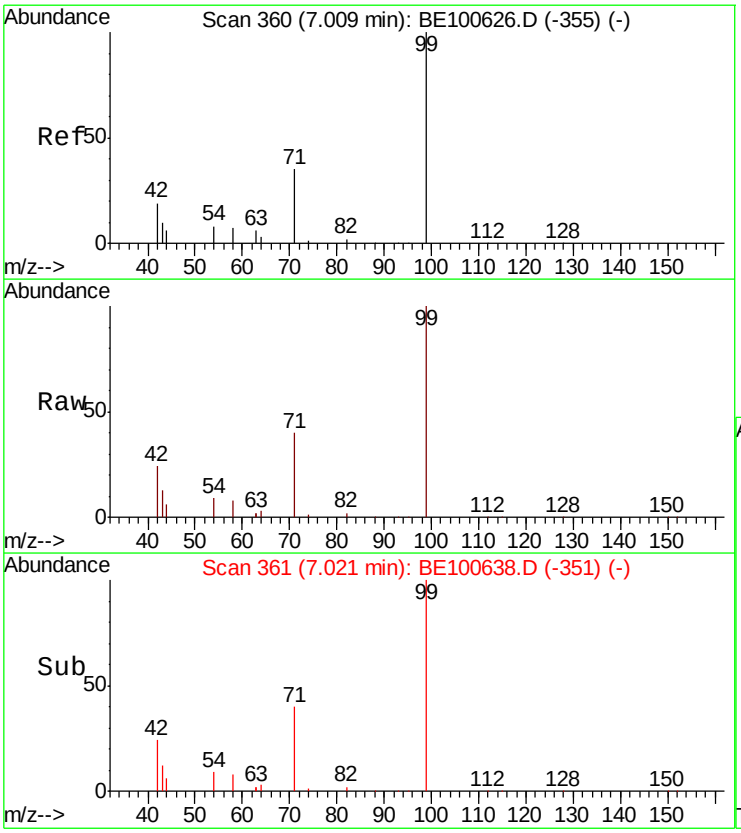
#4
2-Fluorophenol
Concen: 38.967 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2732658

Ion	Ratio	Lower	Upper
112	100		
64	75.1	58.9	88.3
63	154.7	118.3	177.5

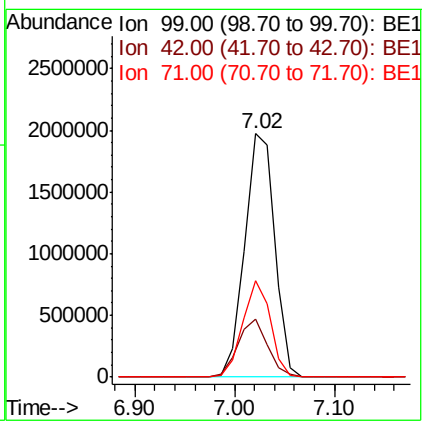


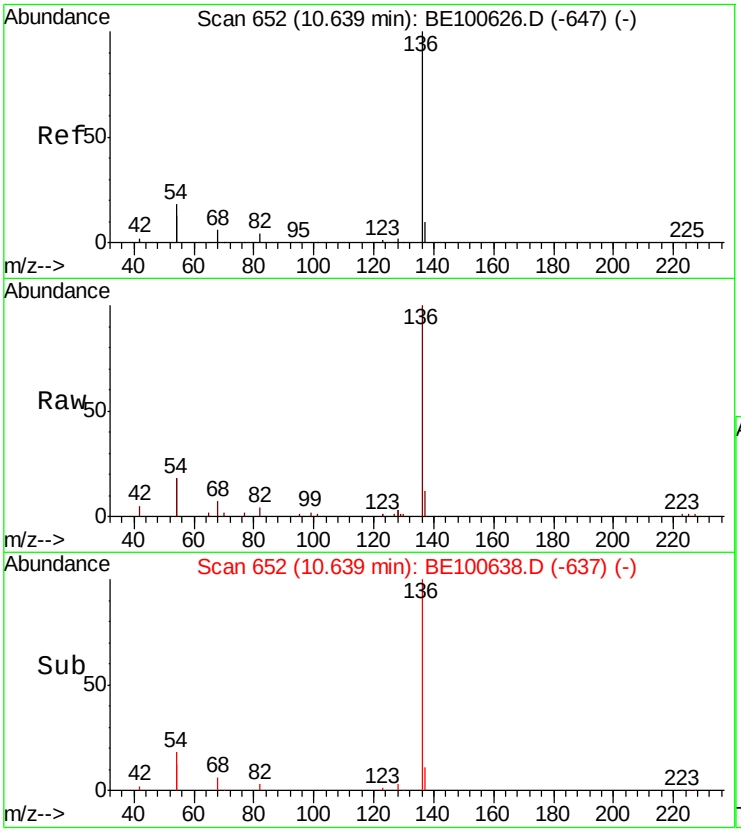


#5
Phenol-d6
Concen: 41.572 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion: 99 Resp: 4111388

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.4	29.2
71	36.6	26.9	40.3



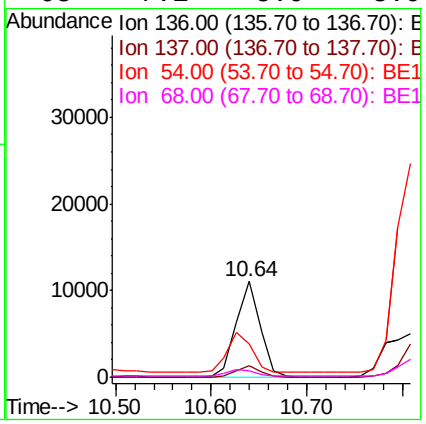


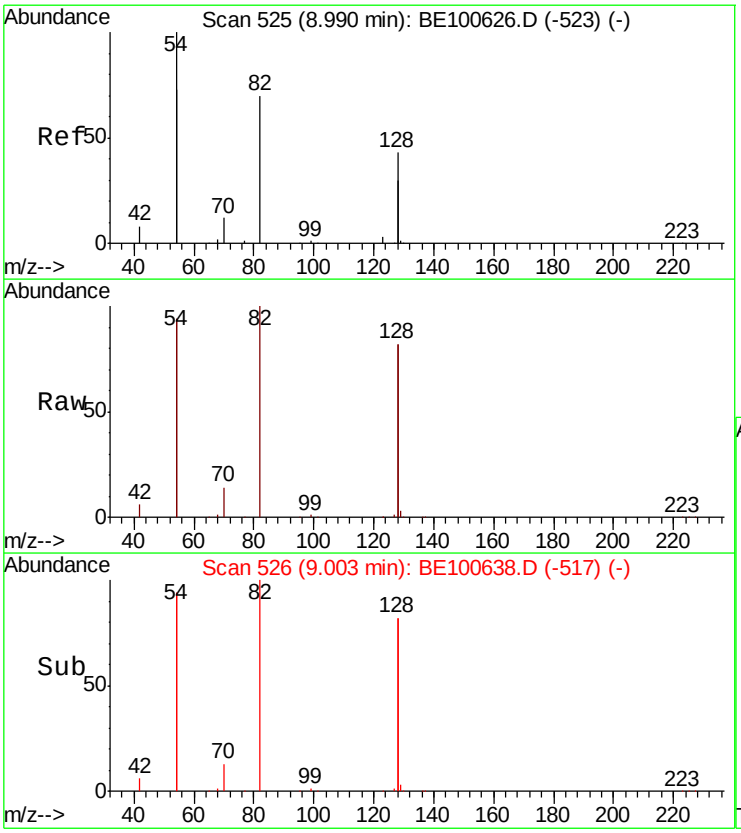
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18724

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	35.3	28.7	43.1
68	7.1	5.9	8.9

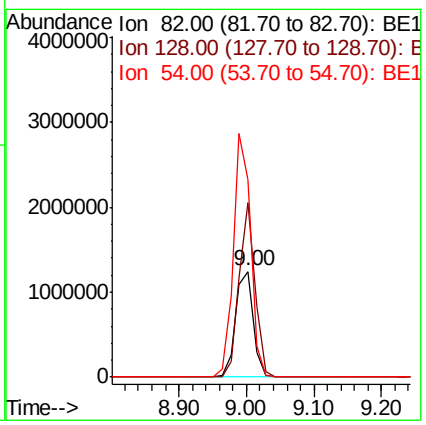


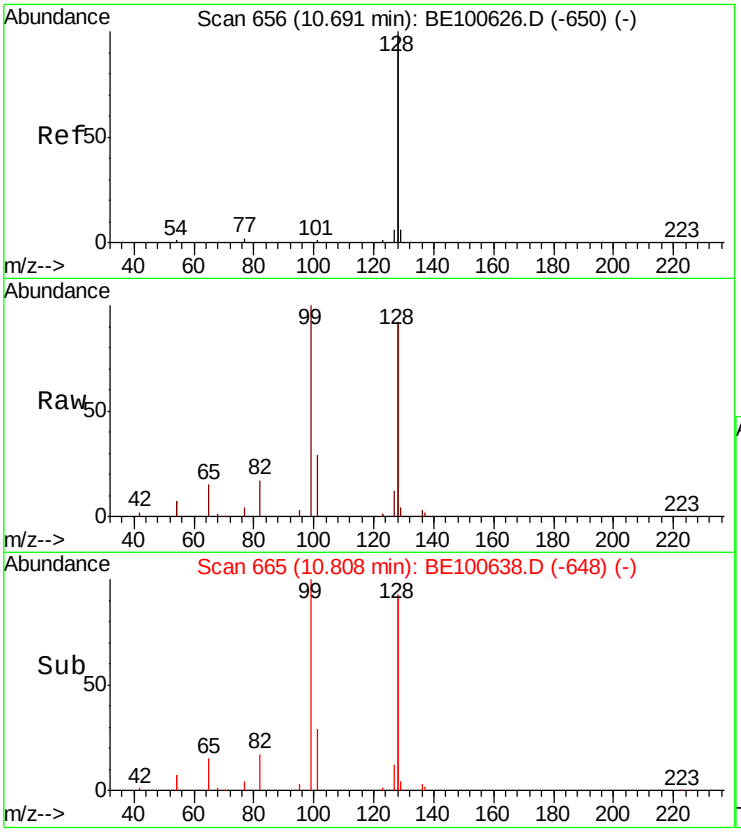


#8
Nitrobenzene-d5
Concen: 197.028 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion: 82 Resp: 2286663

Ion	Ratio	Lower	Upper
82	100		
128	164.8	90.7	136.1#
54	187.1	210.9	316.3#



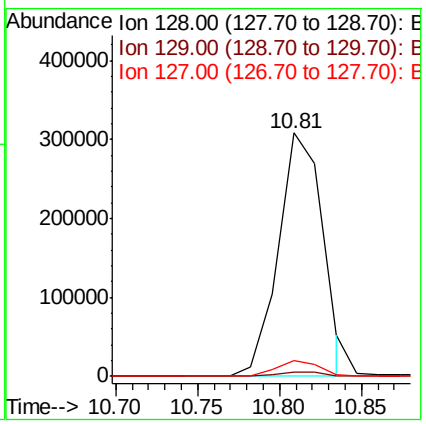


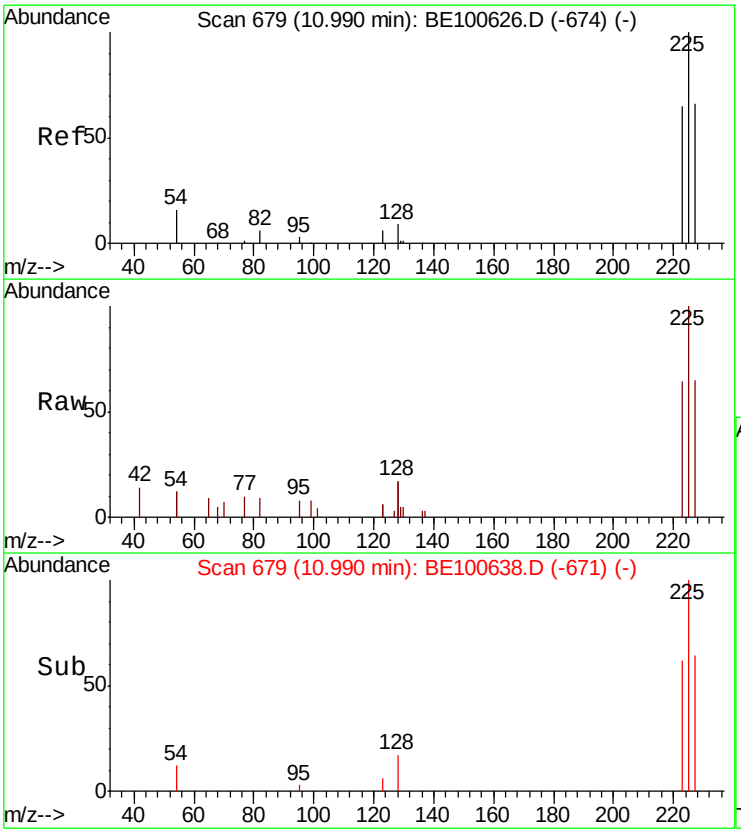
#9
Naphthalene
Concen: 2.945 ng
RT: 10.81 min Scan# 665
Delta R.T. 0.12 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 579814

Ion	Ratio	Lower	Upper
128	100		
129	2.0	2.4	3.6#
127	6.7	2.6	3.8#

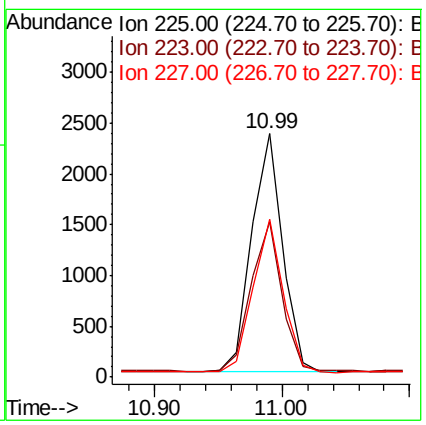


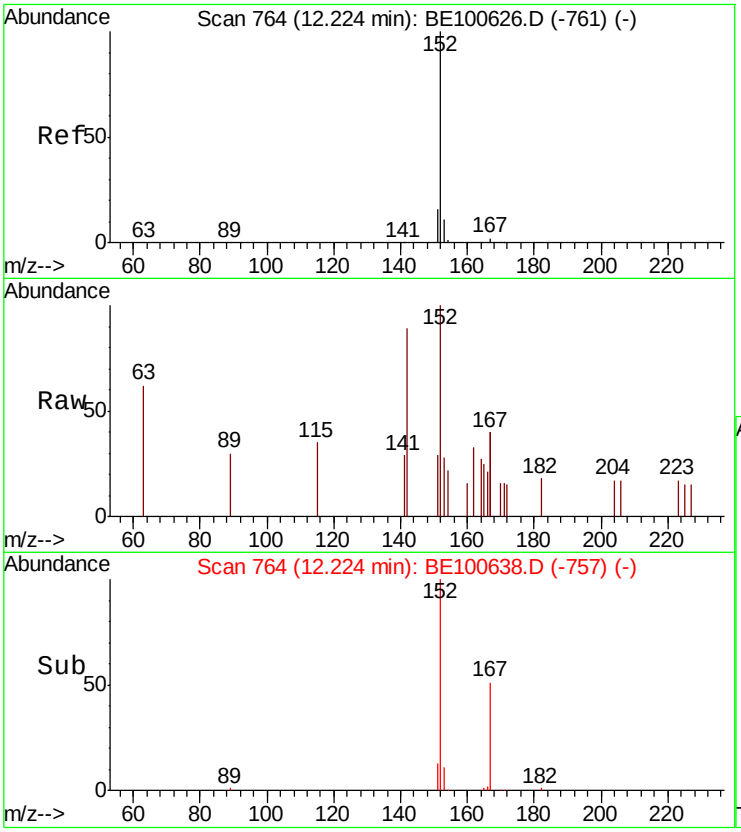


#10
Hexachlorobutadiene
Concen: 0.462 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:225 Resp: 3953

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.2	76.8
227	61.9	51.8	77.8



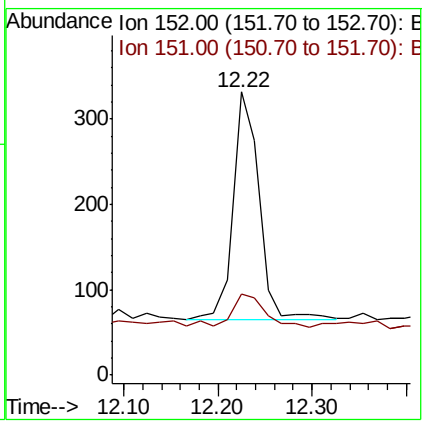


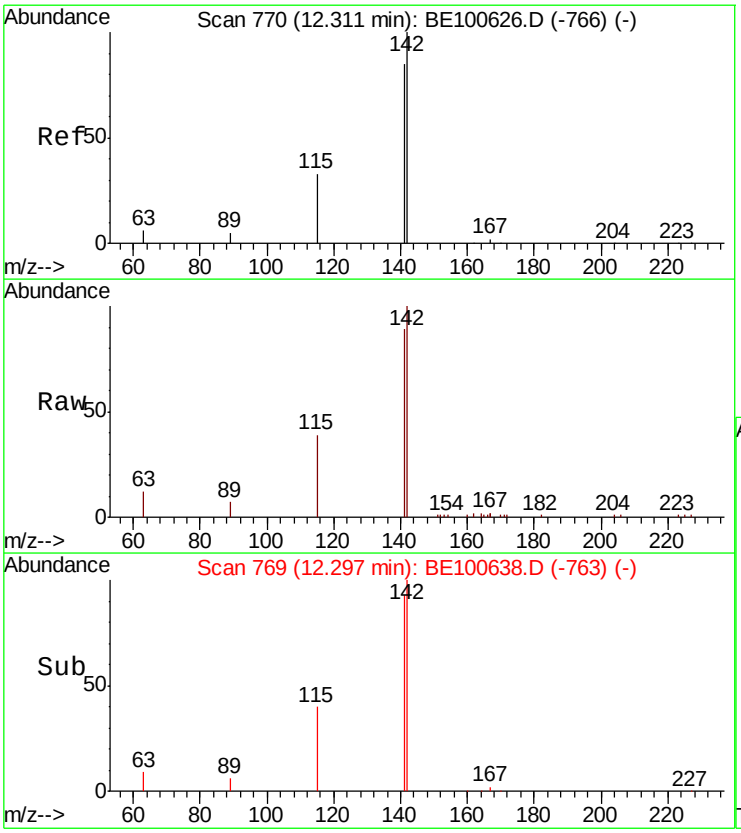
#11
2-Methylnaphthalene-d10
Concen: 0.017 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 513

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.2	22.8

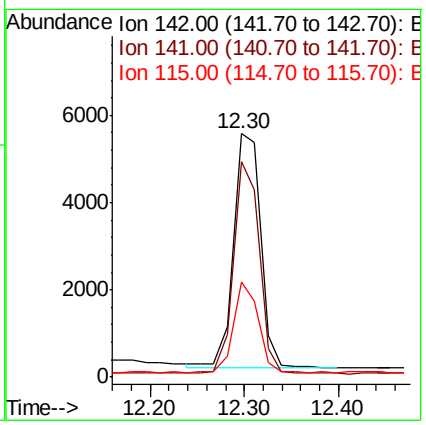


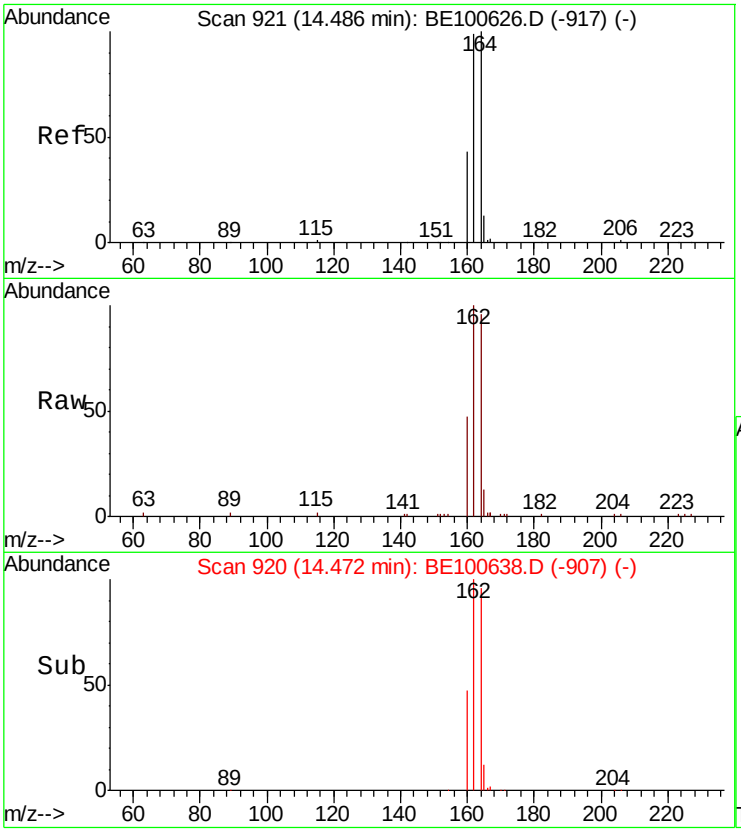


#12
2-Methylnaphthalene
Concen: 0.325 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:142 Resp: 10898

Ion	Ratio	Lower	Upper
142	100		
141	88.7	68.3	102.5
115	39.3	27.5	41.3



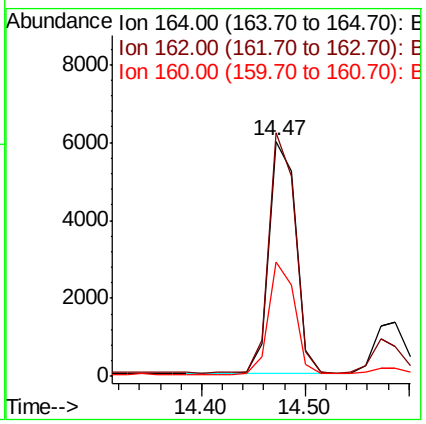


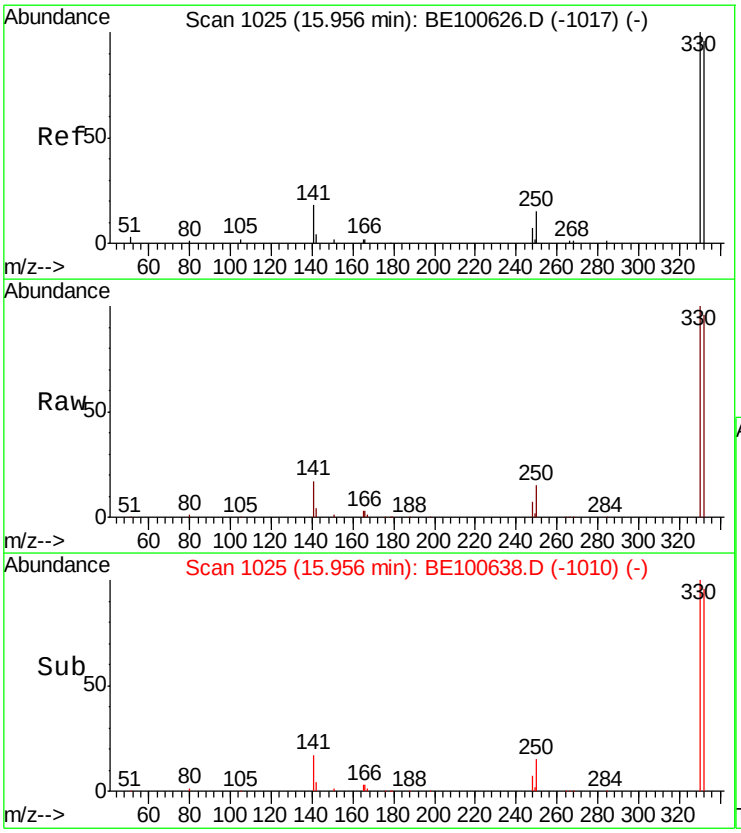
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10871

Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.1	118.7
160	48.9	34.7	52.1

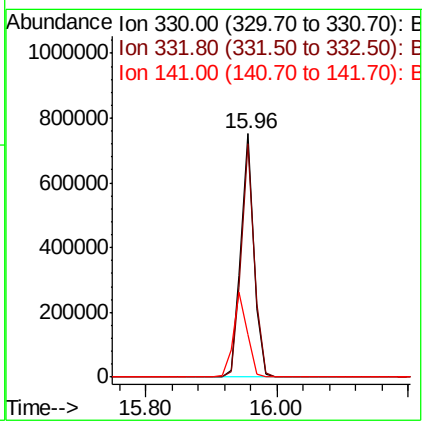


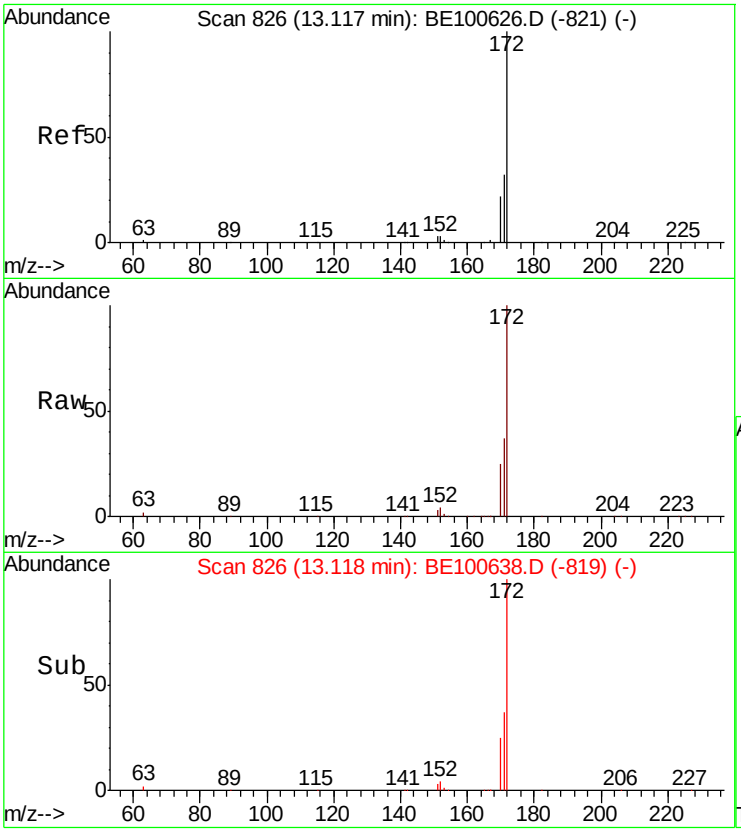


#14
2,4,6-Tribromophenol
Concen: 368.153 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:330 Resp: 1057525

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.2	112.8
141	37.4	37.5	56.3#



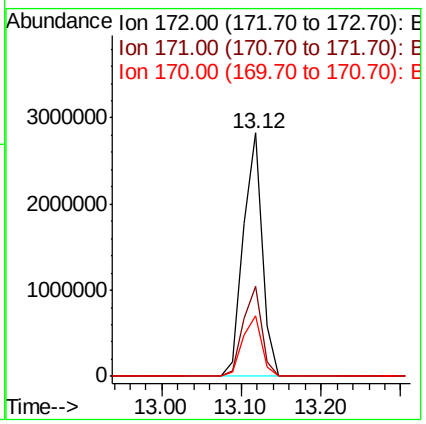


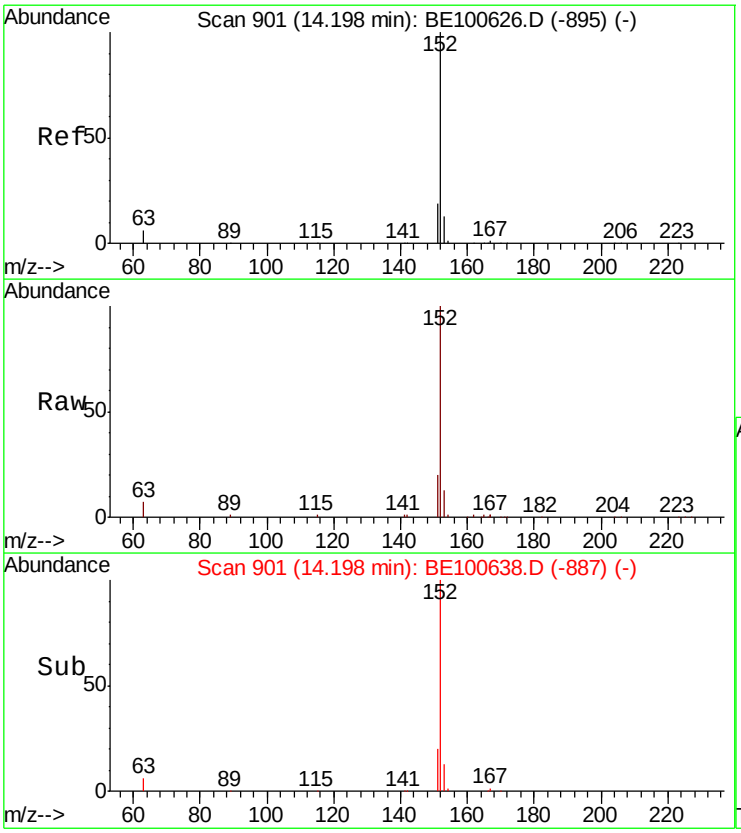
#15
2-Fluorobiphenyl
Concen: 116.981 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4633447

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.2	39.4
170	24.8	17.5	26.3

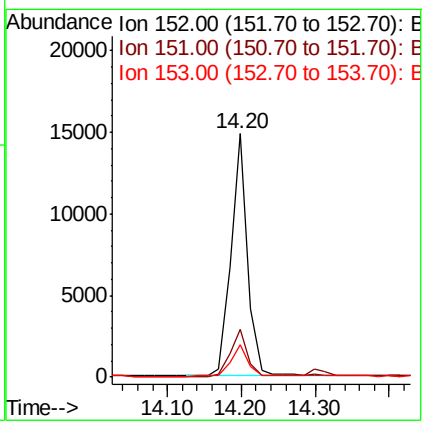


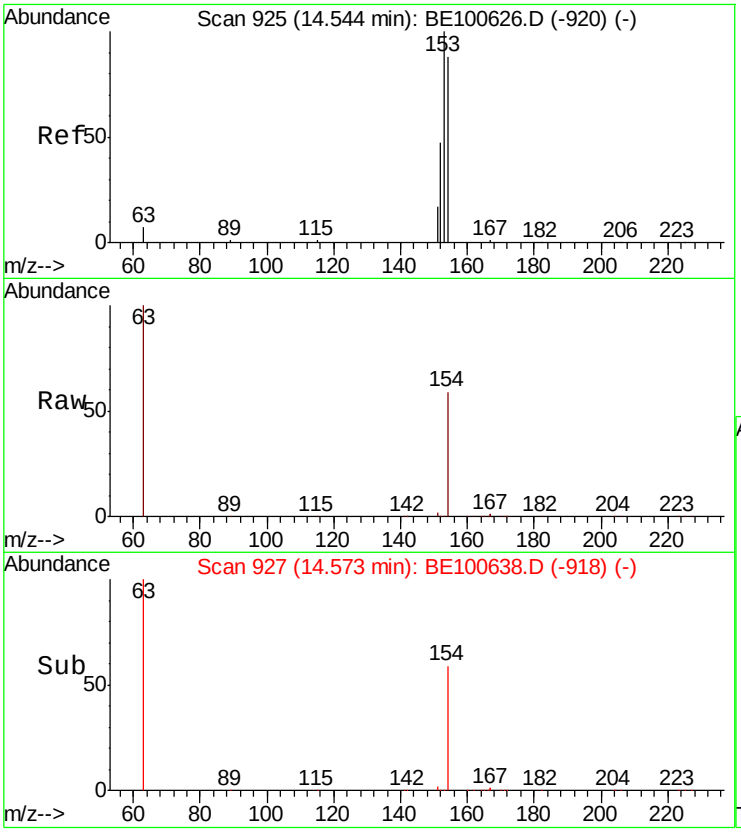


#16
Acenaphthylene
Concen: 0.497 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:152 Resp: 23270

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.1	10.5	15.7



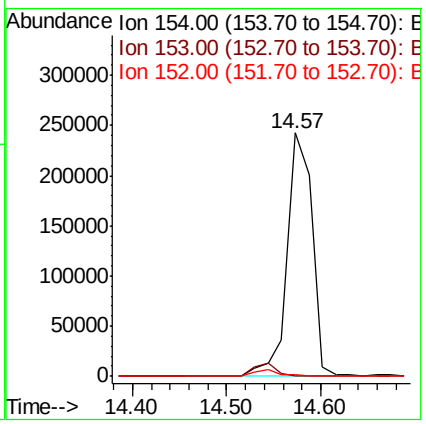


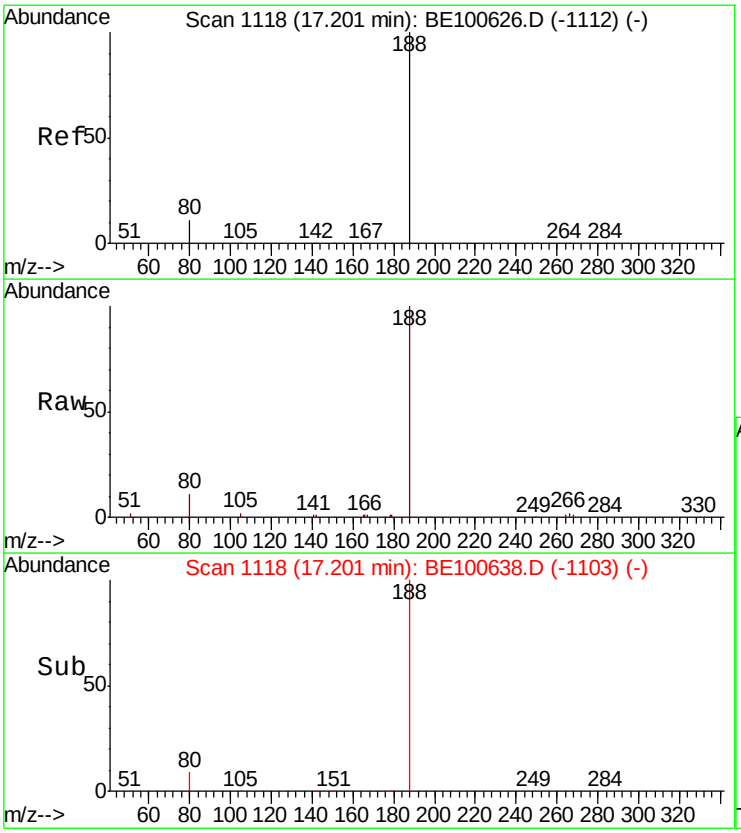
#17
Acenaphthene
Concen: 14.671 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.03 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 443514

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.4	137.2#
152	0.0	44.0	66.0#

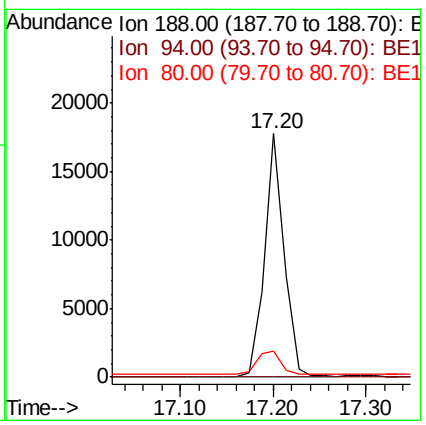


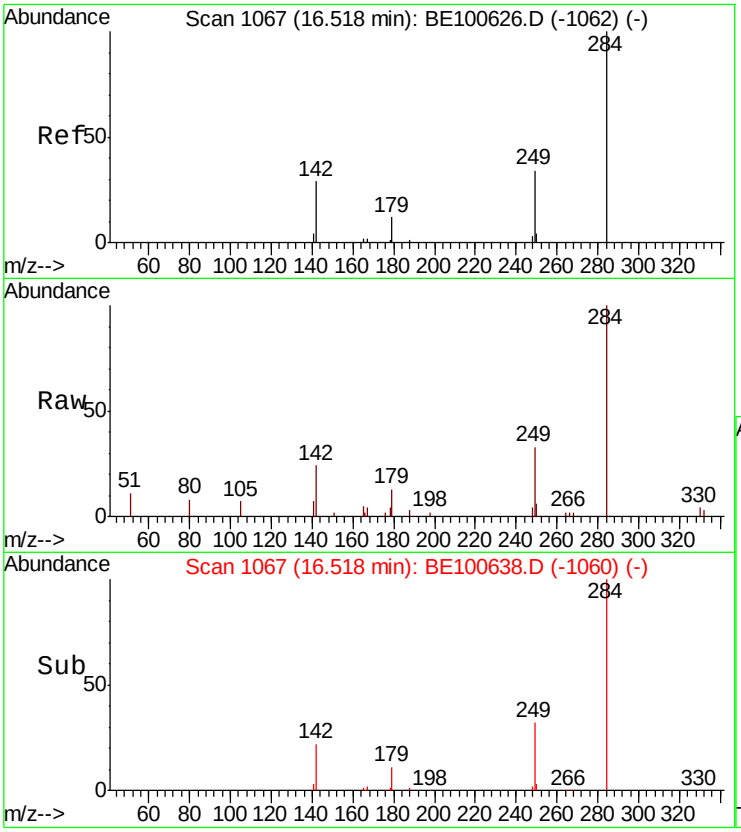


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:188 Resp: 25735

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	9.4	14.2



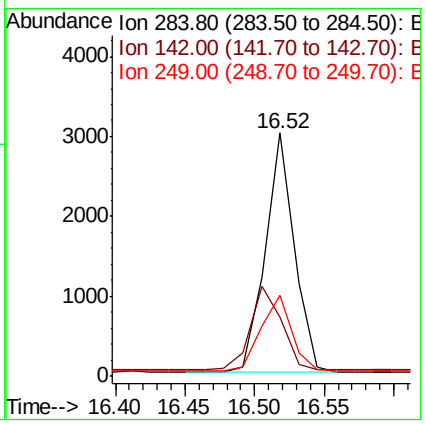


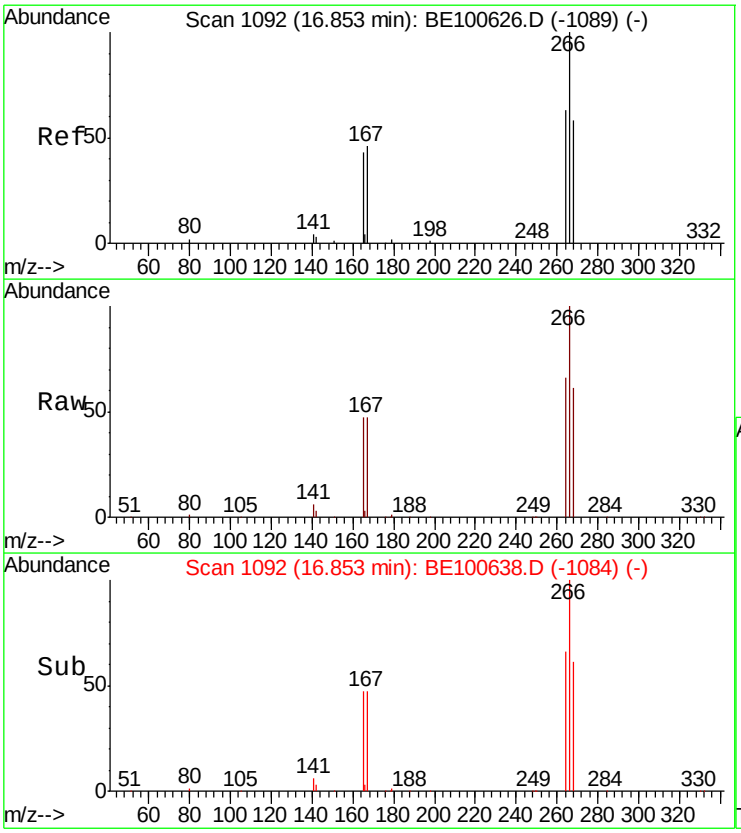
#21
Hexachlorobenzene
Concen: 0.348 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4345

Ion	Ratio	Lower	Upper
284	100		
142	37.7	29.8	44.8
249	33.0	27.3	40.9

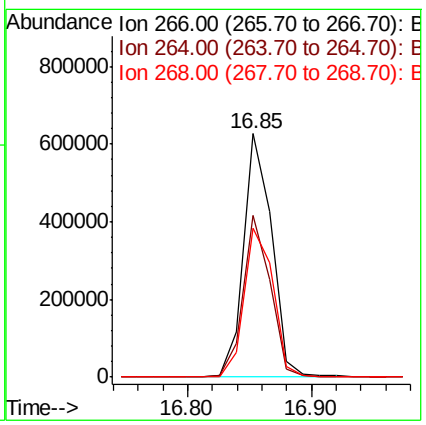


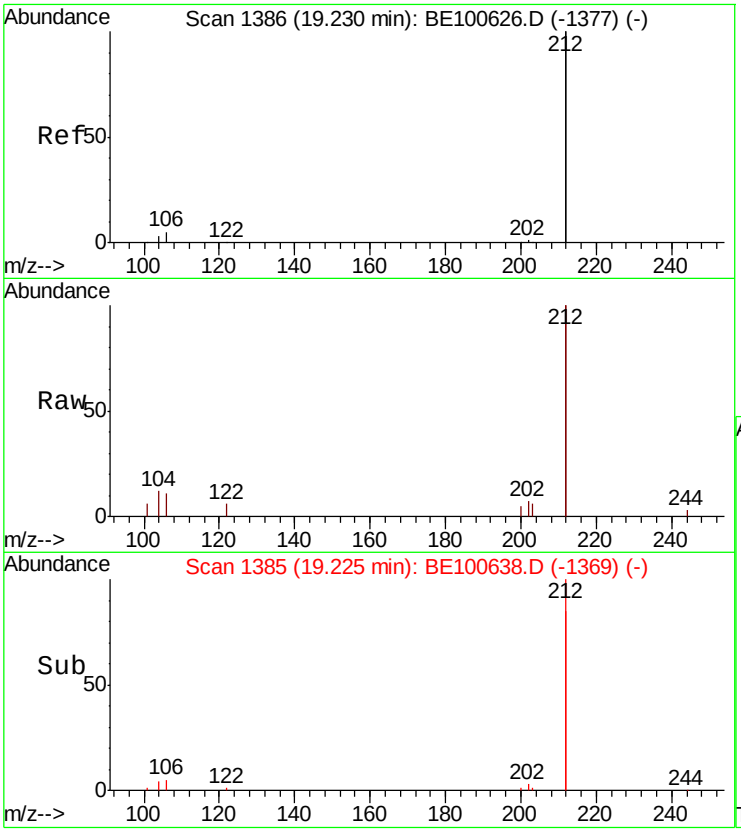


#22
Pentachlorophenol
Concen: 245.493 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:266 Resp: 986691

Ion	Ratio	Lower	Upper
266	100		
264	66.4	50.7	76.1
268	61.3	48.5	72.7



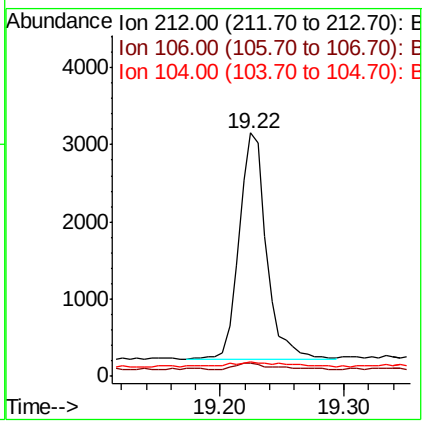


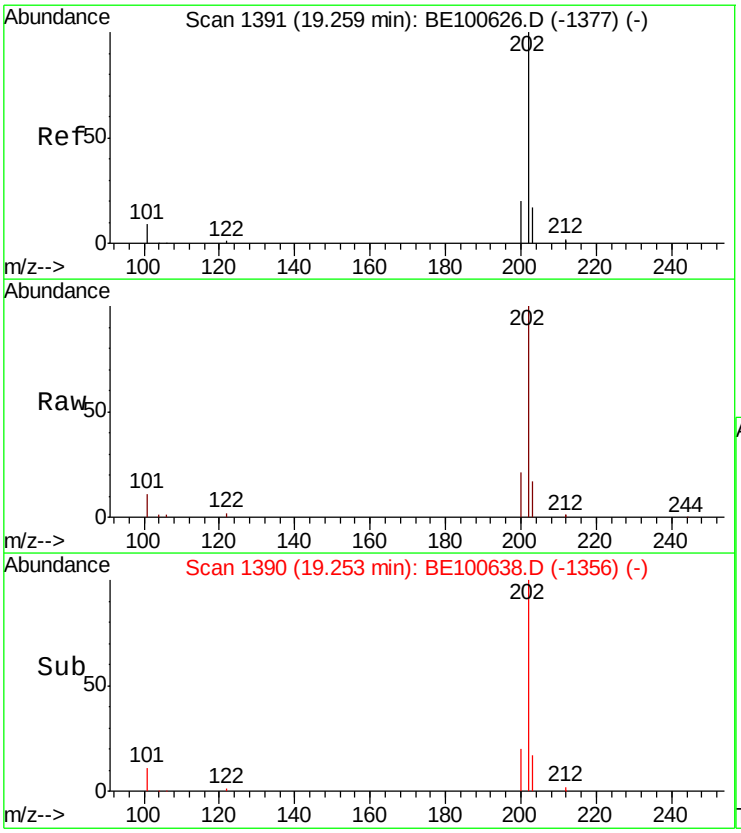
#25
Fluoranthene-d10
Concen: 0.014 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4532

Ion	Ratio	Lower	Upper
212	100		
106	3.9	2.2	3.4#
104	3.7	1.3	1.9#

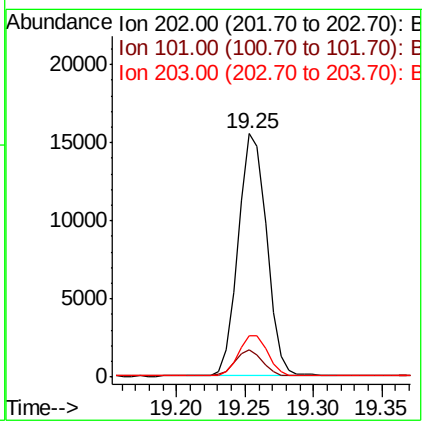


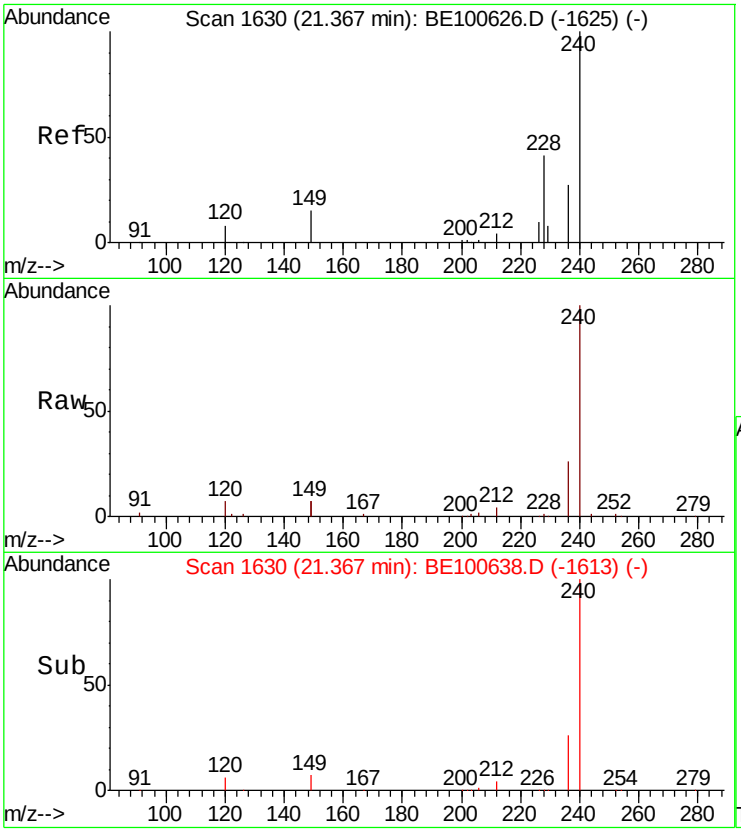


#26
Fluoranthene
Concen: 0.241 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:202 Resp: 22274

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.2	13.8	20.6



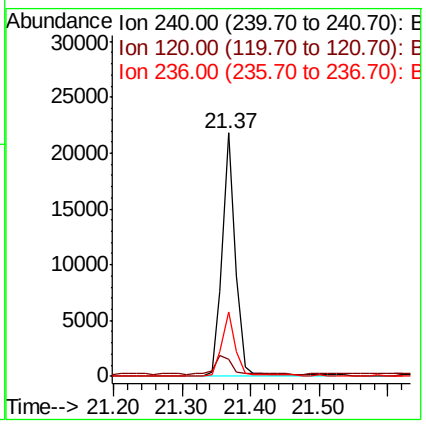


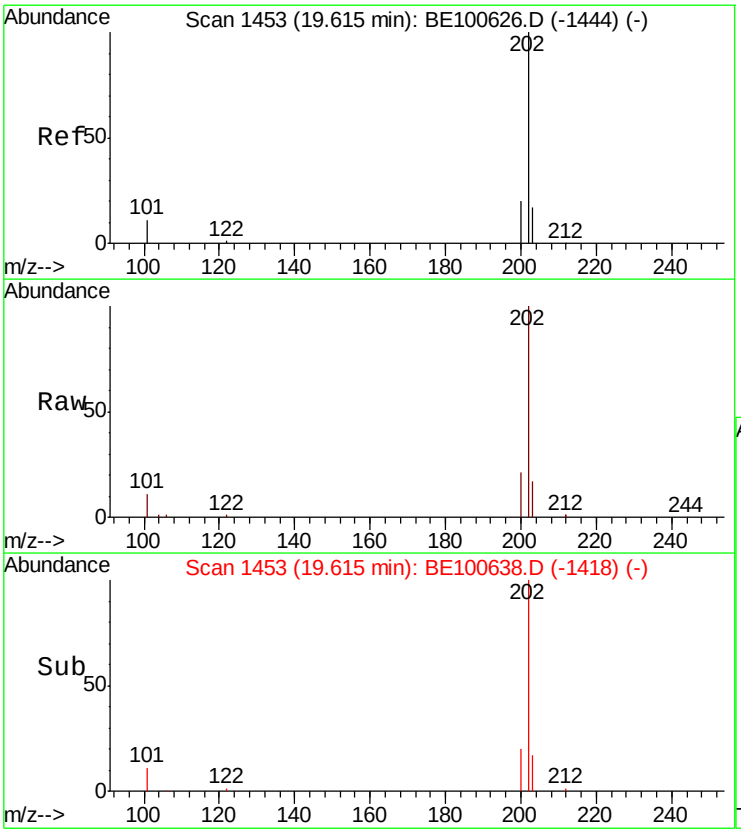
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29204

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.4	11.0#
236	26.3	21.7	32.5

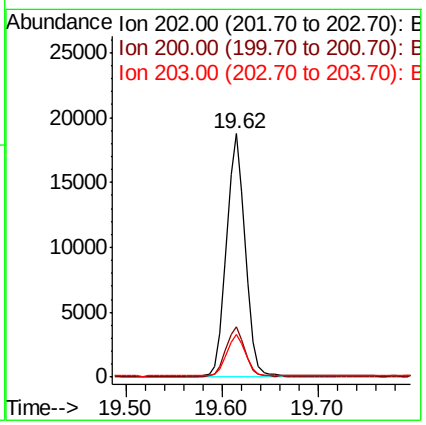


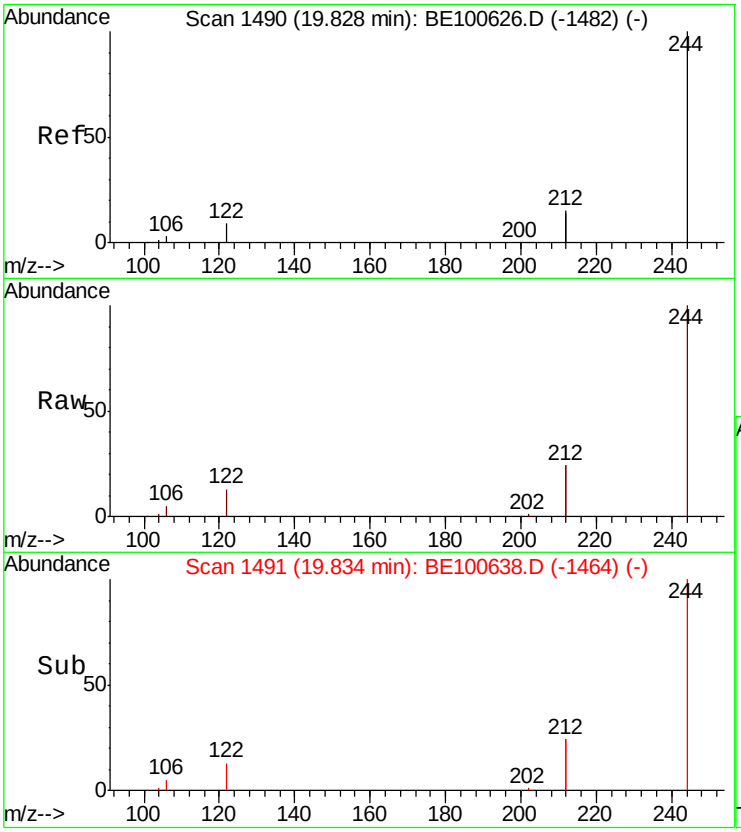


#28
Pyrene
Concen: 0.307 ng
RT: 19.62 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:202 Resp: 25082

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.6	13.9	20.9



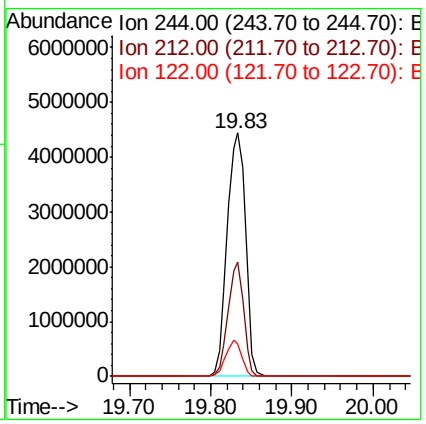


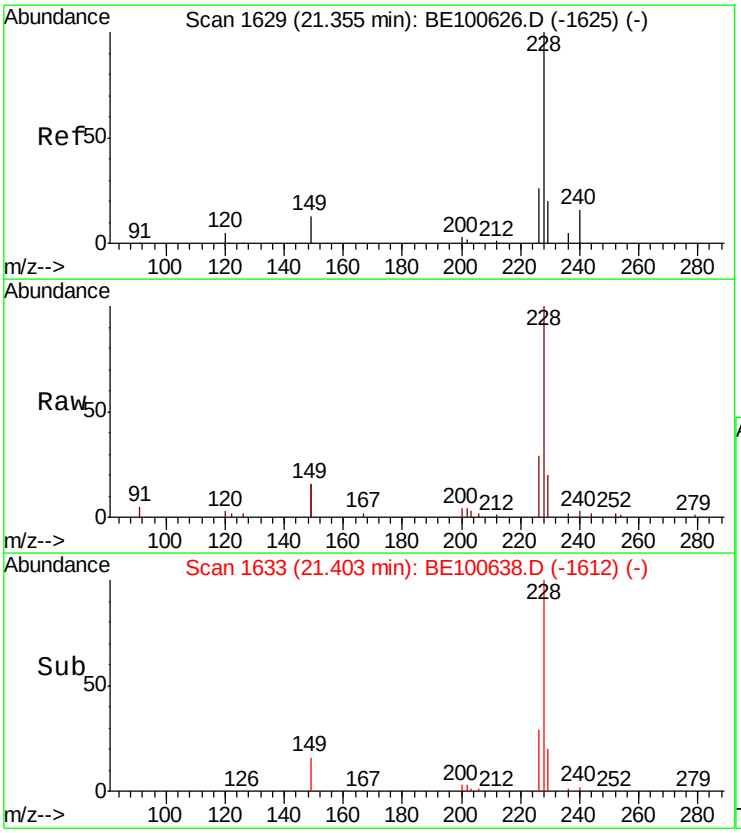
#29
Terphenyl-d14
Concen: 108.718 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6941688

Ion	Ratio	Lower	Upper
244	100		
212	47.0	23.9	35.9#
122	13.5	7.7	11.5#

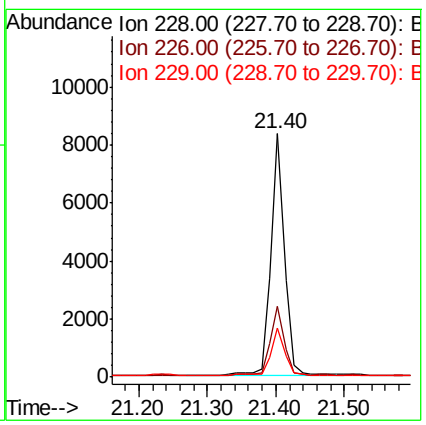


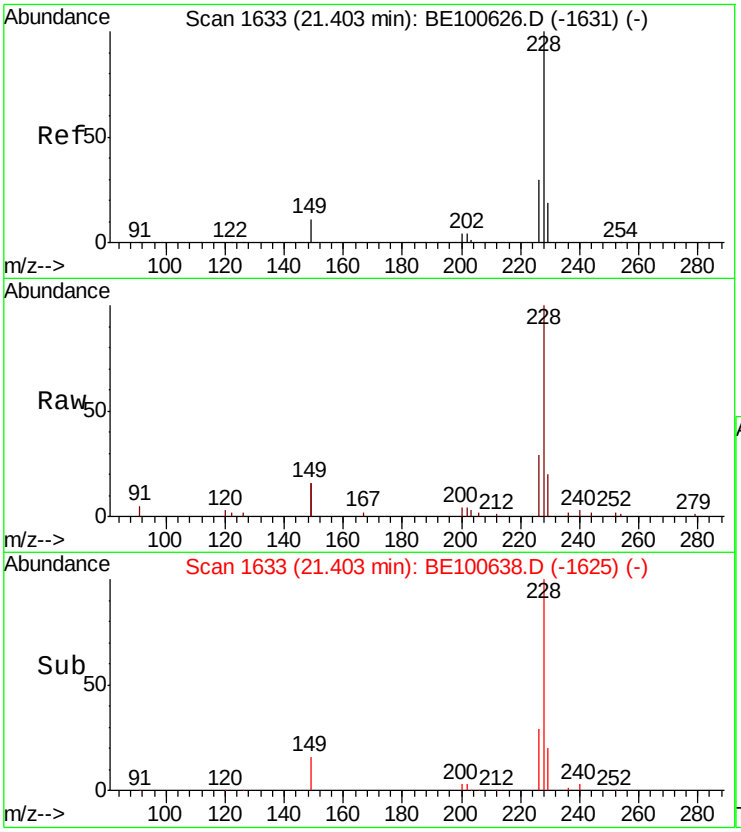


#30
Benzo(a)anthracene
Concen: 0.122 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.05 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:228 Resp: 11652

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.6
229	20.2	15.8	23.8



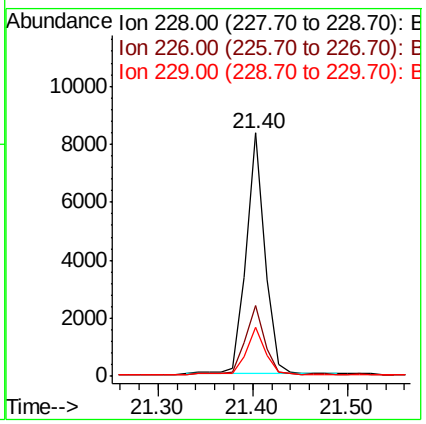


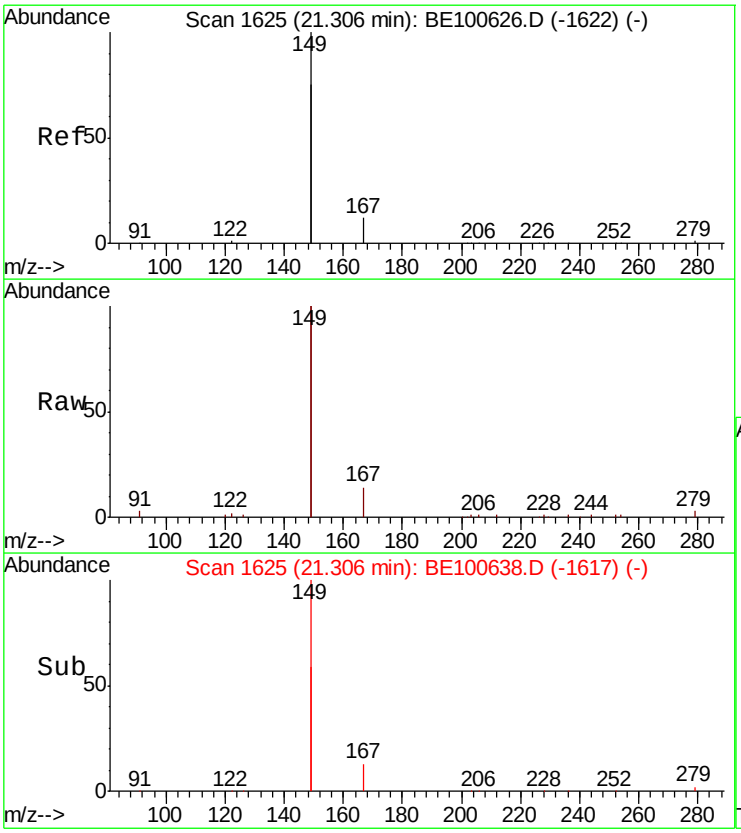
#31
Chrysene
Concen: 0.119 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11344

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.5	36.7
229	20.2	15.6	23.4

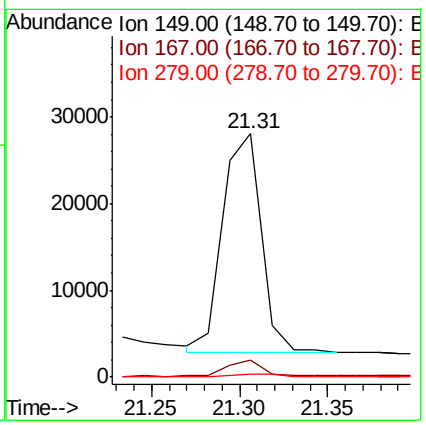


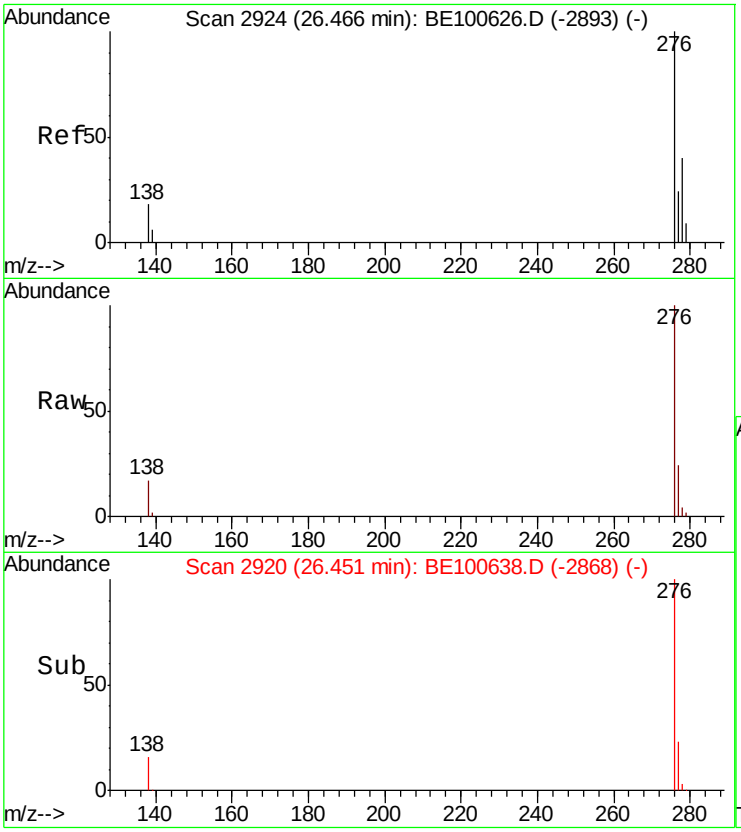


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:149 Resp: 38524

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.1	1.5	2.3#



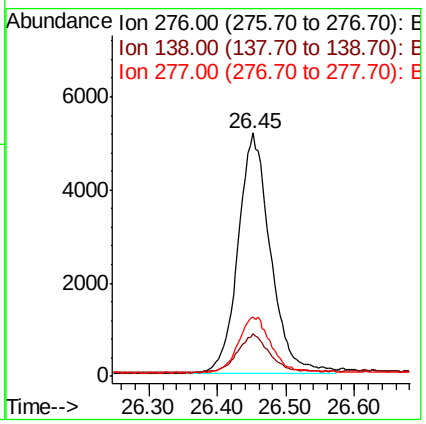


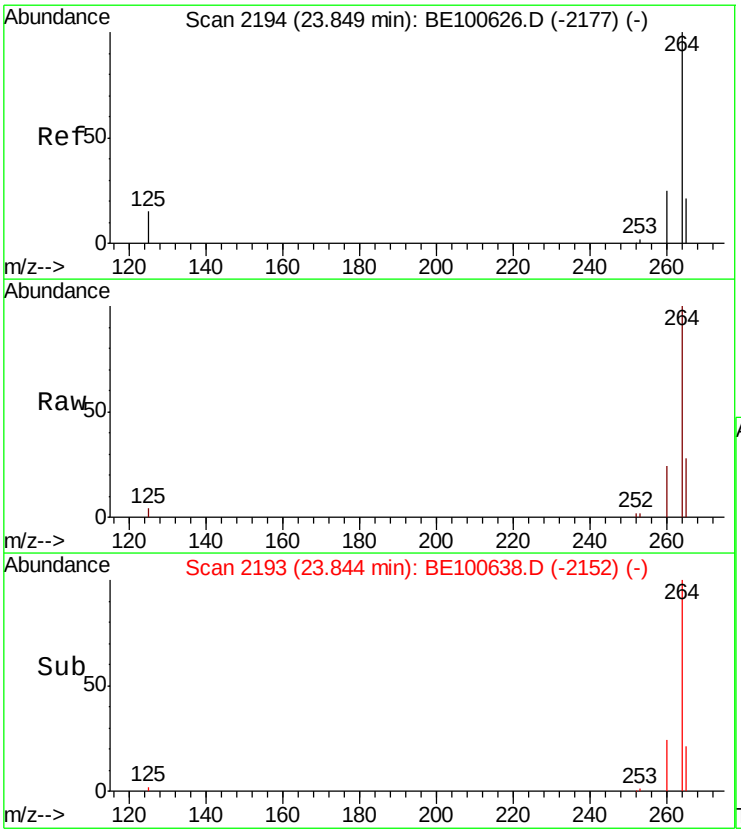
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng
RT: 26.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16919

Ion	Ratio	Lower	Upper
276	100		
138	15.6	16.0	24.0#
277	23.3	19.7	29.5

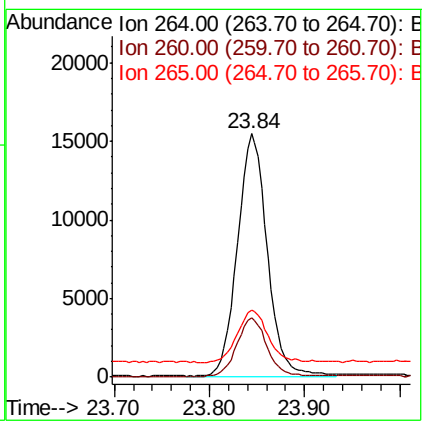


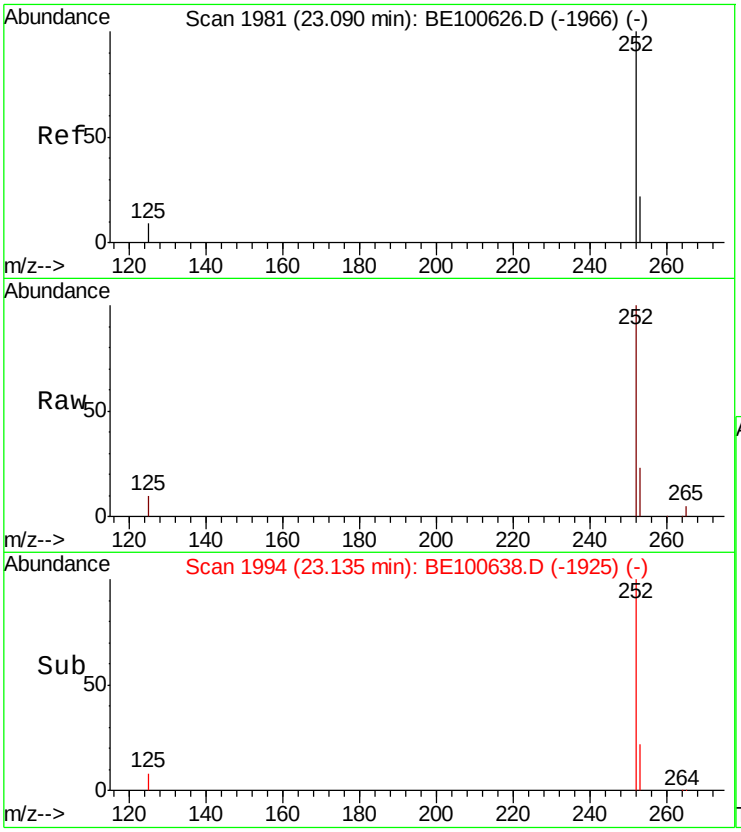


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:264 Resp: 33495

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	27.6	20.0	30.0



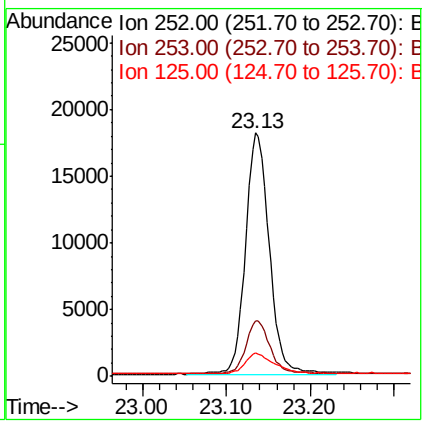


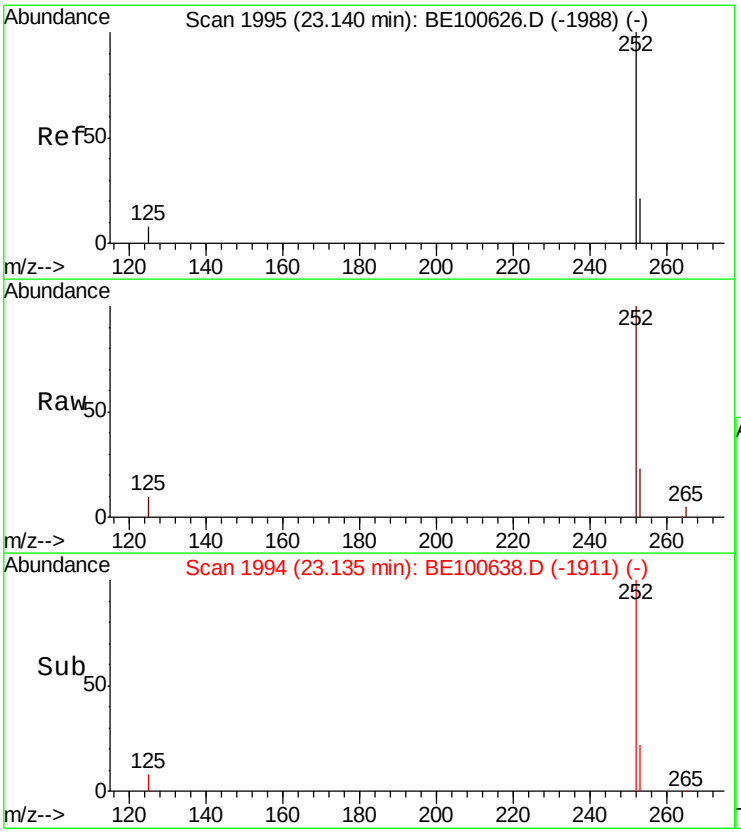
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.13 min Scan# 1994
Delta R.T. 0.04 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35717

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.6	7.6	11.4

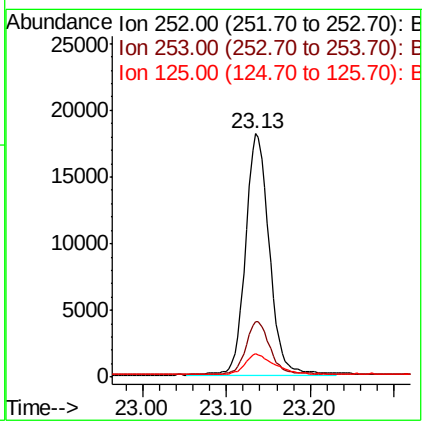


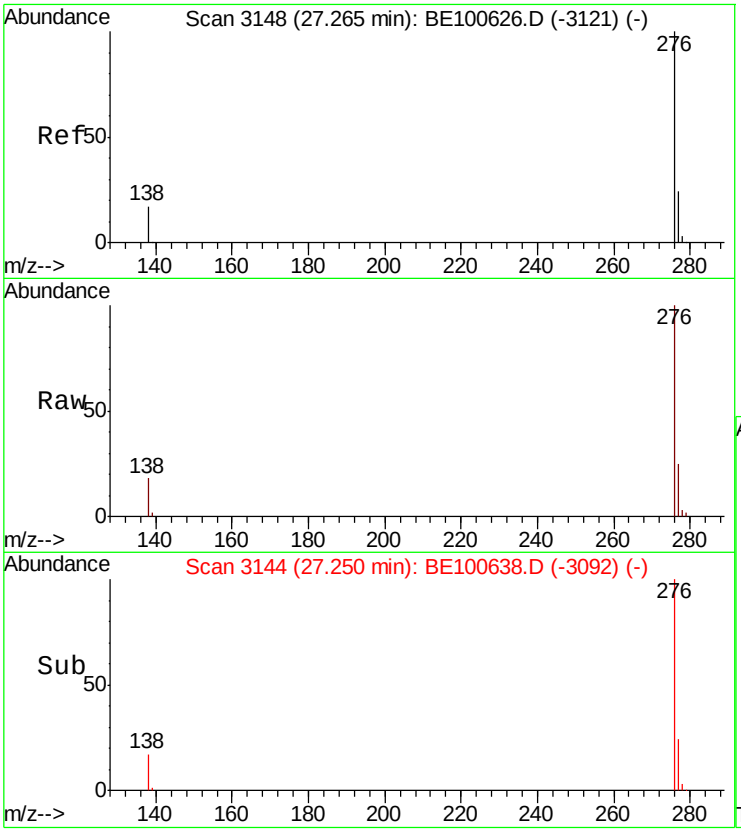


#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 23.13 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Tgt Ion:252 Resp: 35717

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	9.6	7.6	11.4





#39
Benzo(g,h,i)perylene
Concen: 0.273 ng
RT: 27.25 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BE100638.D
Acq: 11 Oct 2019 16:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 25767

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	17.8	14.5	21.7