Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100648.D
Acq On : 15 Oct 2019 14:11
Operator : JU
Sample : K4994-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 15 16:29:08 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	4919	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	22454	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	14425	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	29288	0.40	ng		0.00
27) Chrysene-d12	21.38	240	31209	0.40	ng		0.01
34) Perylene-d12	23.86	264	35676	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	352	0.02	ng		0.01
5) Phenol-d6	7.02	99	576	0.03	ng		0.01
8) Nitrobenzene-d5	9.00	82	489	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	834	0.02	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	129	0.03	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	1029	0.02	ng		0.00
25) Fluoranthene-d10	19.23	212	6986	0.02	ng		0.00
29) Terphenyl-d14	19.83	244	2059	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	78064	0.331	ng		100
12) 2-Methylnaphthalene	12.31	142	9125	0.227	ng		96
16) Acenaphthylene	14.20	152	47662	0.768	ng		98
17) Acenaphthene	14.54	154	6430	0.160	ng		97
18) Fluorene	15.51	166	27150	0.510	ng		87
22) Pentachlorophenol	16.87	266	129	0.028	ng	#	68
23) Phenanthrene	17.25	178	485187	6.023	ng		99
24) Anthracene	17.34	178	46390	0.621	ng		99
26) Fluoranthene	19.27	202	714955	6.800	ng		99
28) Pyrene	19.62	202	830786	9.528	ng	#	96
30) Benzo(a)anthracene	21.41	228	486441	4.778	ng		92
31) Chrysene	21.41	228	485105	4.768	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	8909	0.042	ng	#	80
33) Indeno(1,2,3-cd)pyrene	26.48	276	231578	1.852	ng		96
35) Benzo(b)fluoranthene	23.10	252	476690	4.582	ng		98
36) Benzo(k)fluoranthene	23.10	252	476690	4.456	ng		98
37) Benzo(a)pyrene	23.75	252	370284	3.824	ng		98
38) Dibenzo(a,h)anthracene	26.51	278	65623	0.656	ng	#	83
39) Benzo(g,h,i)perylene	27.29	276	246666	2.450	ng		98

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

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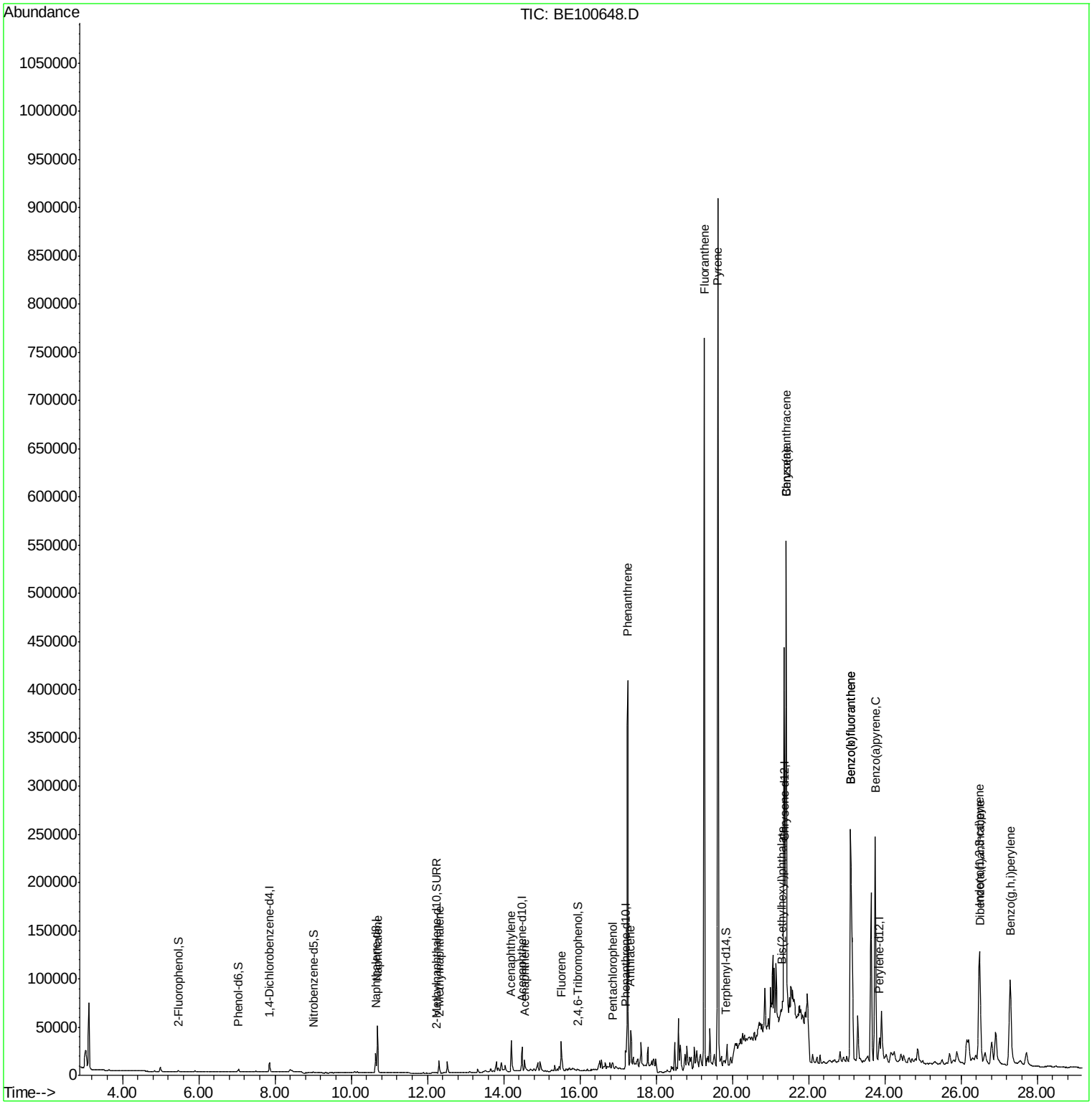
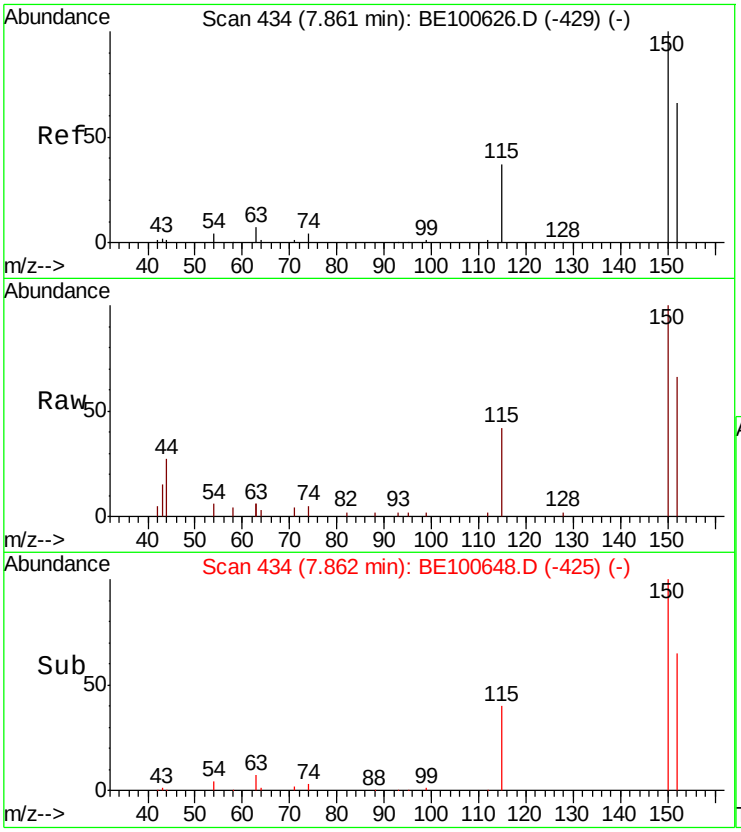


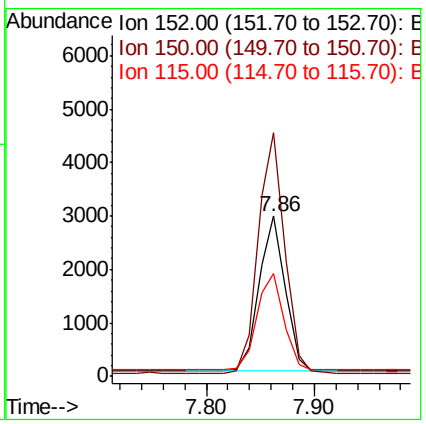


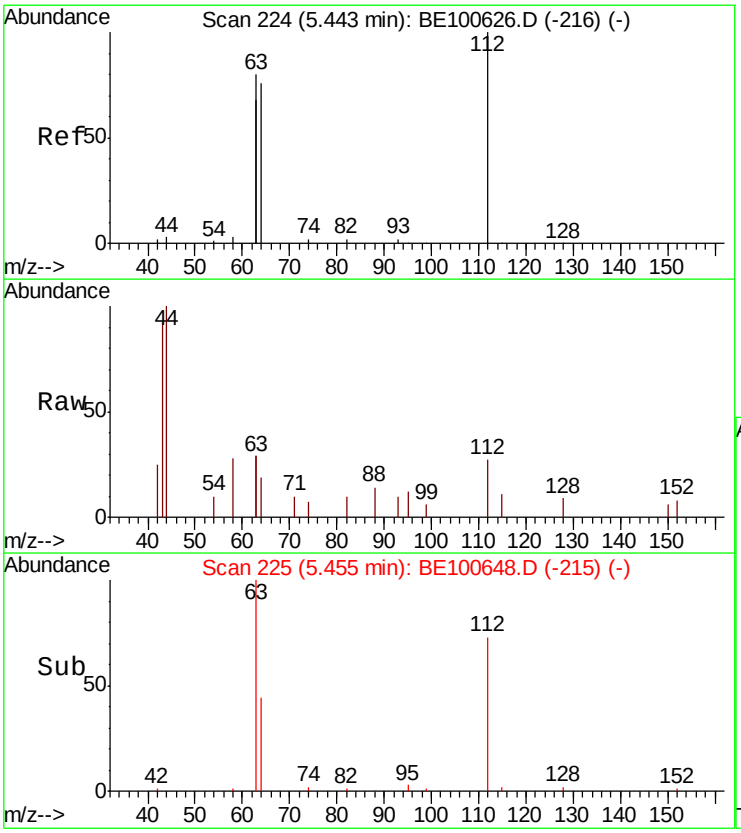
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4919

Ion	Ratio	Lower	Upper
152	100		
150	152.1	120.7	181.1
115	64.1	48.0	72.0

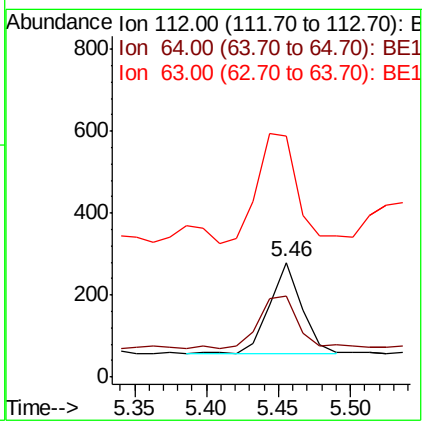


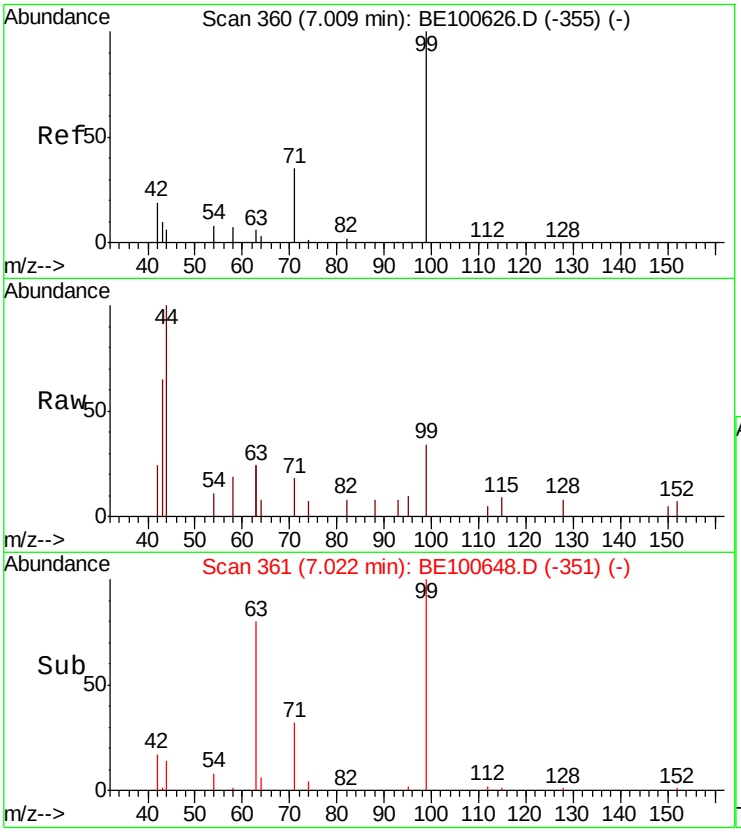


#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:112 Resp: 352

Ion	Ratio	Lower	Upper
112	100		
64	71.6	58.9	88.3
63	150.0	118.3	177.5



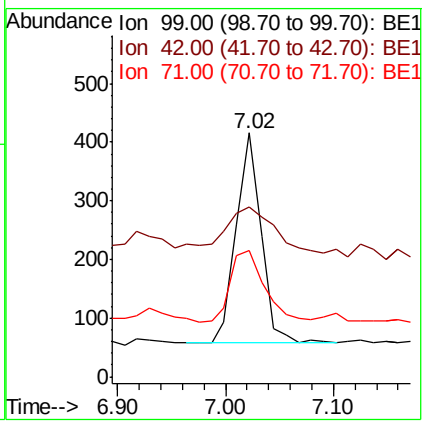


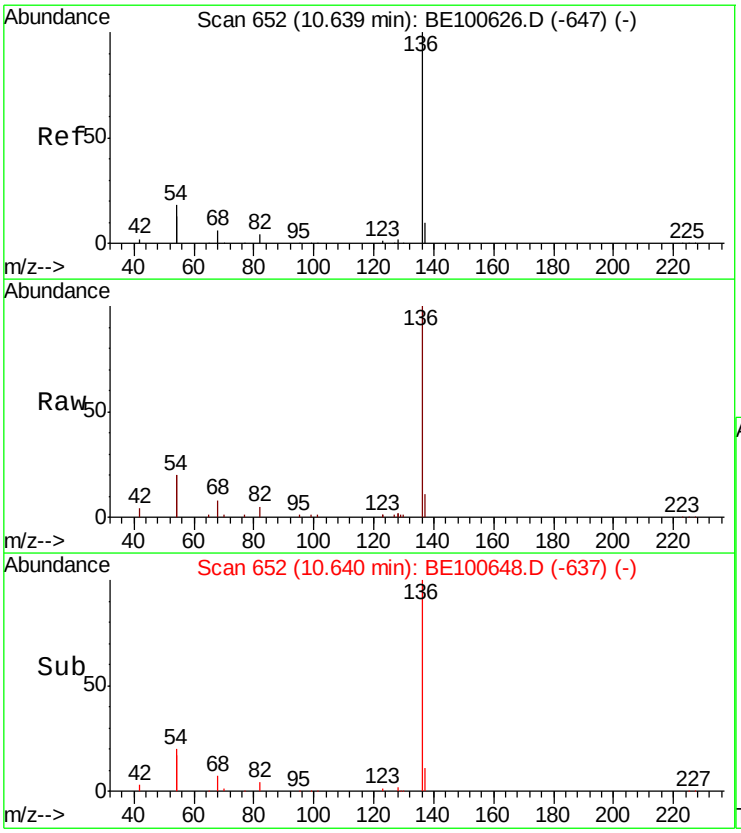
#5
Phenol-d6
Concen: 0.027 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 576

Ion	Ratio	Lower	Upper
99	100		
42	40.6	19.4	29.2#
71	46.5	26.9	40.3#

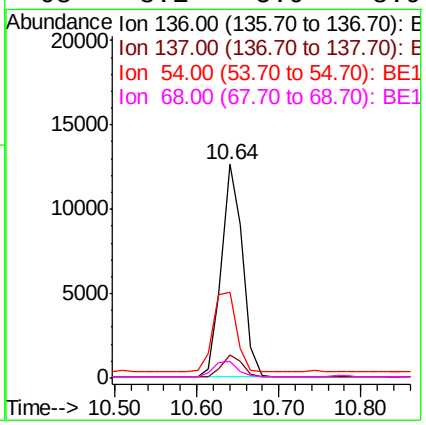


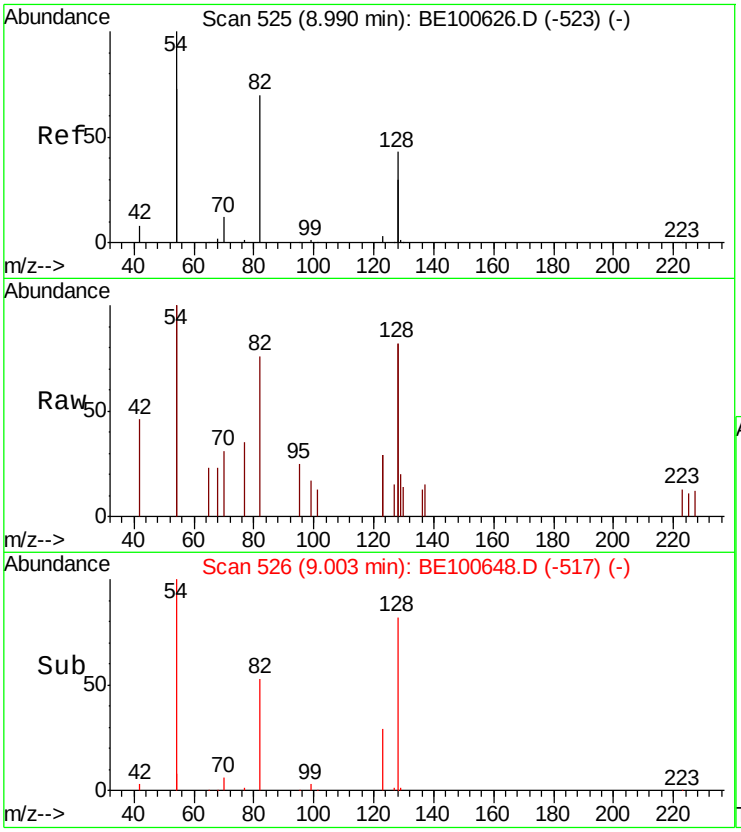


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:136 Resp: 22454

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	40.0	28.7	43.1
68	8.1	5.9	8.9



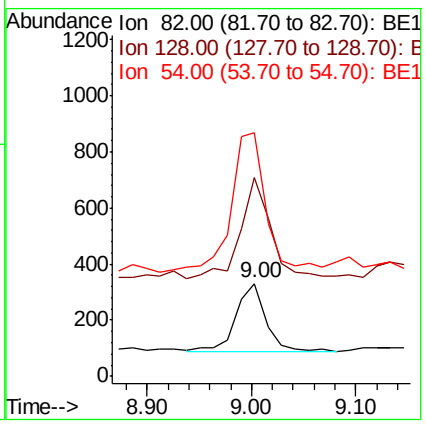


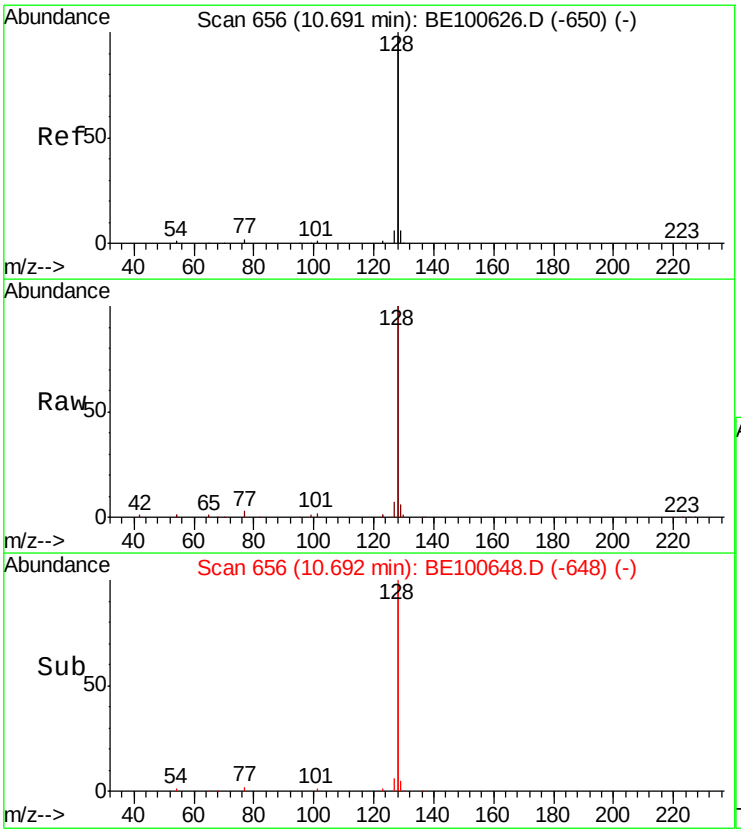
#8
Nitrobenzene-d5
Concen: 0.035 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 489

Ion	Ratio	Lower	Upper
82	100		
128	213.9	90.7	136.1#
54	261.4	210.9	316.3

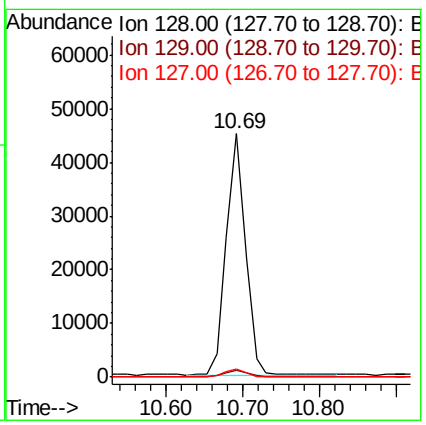


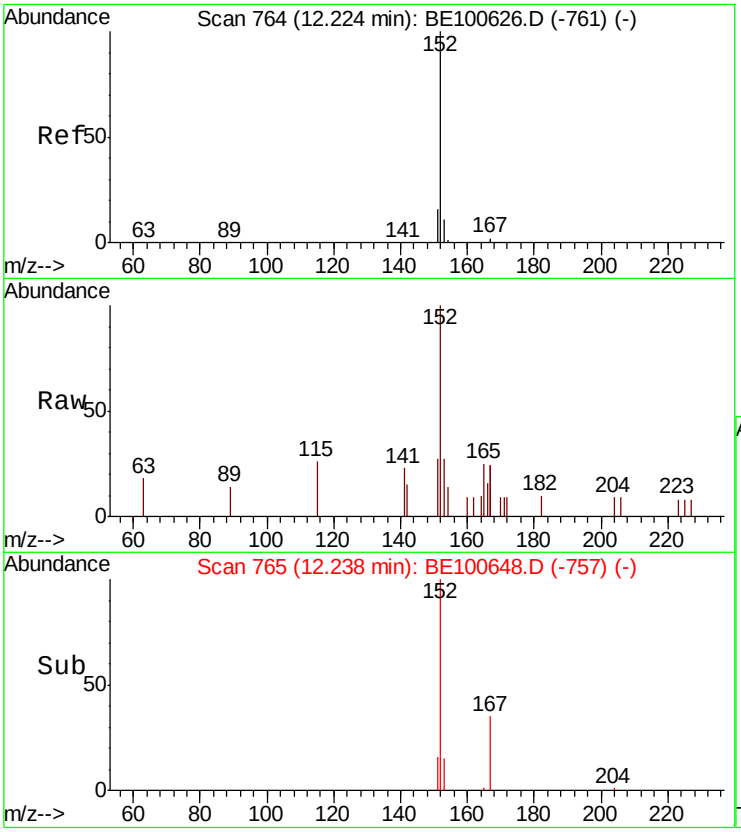


#9
Naphthalene
Concen: 0.331 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:128 Resp: 78064

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.4	2.6	3.8



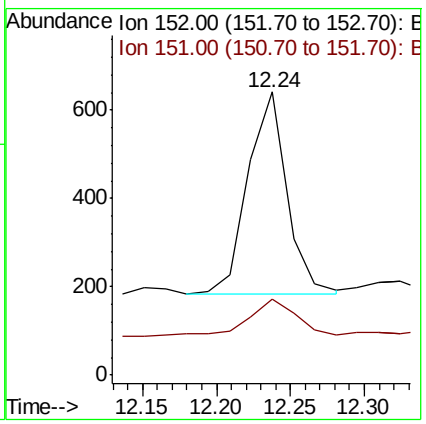


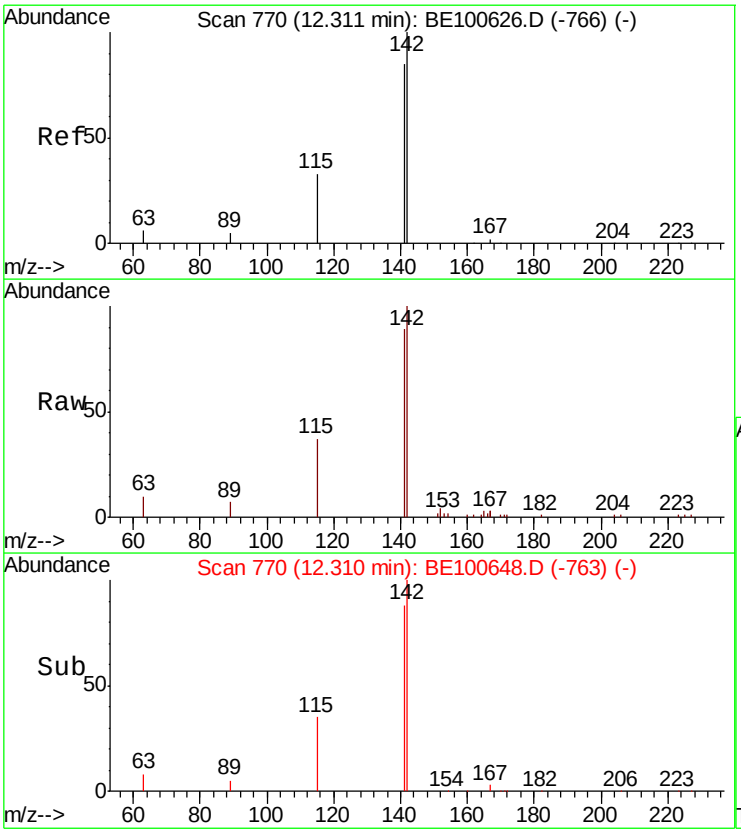
#11
2-Methylnaphthalene-d10
Concen: 0.024 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 834

Ion	Ratio	Lower	Upper
152	100		
151	23.7	15.2	22.8#

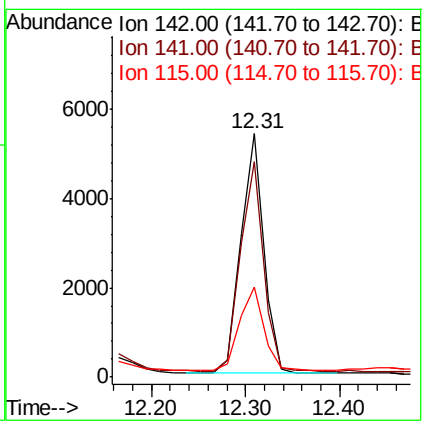


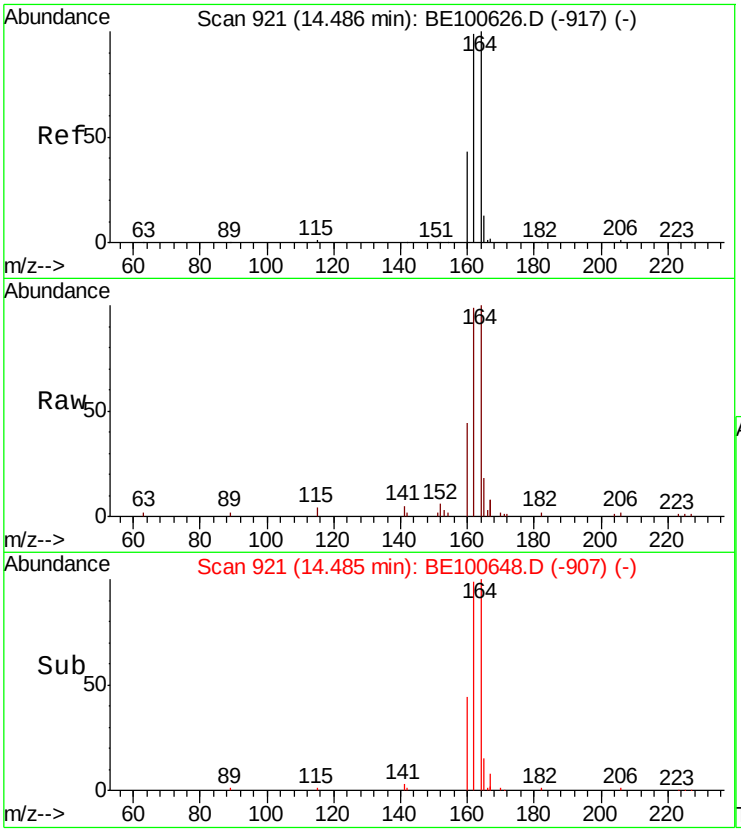


#12
2-Methylnaphthalene
Concen: 0.227 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:142 Resp: 9125

Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.3	102.5
115	37.1	27.5	41.3



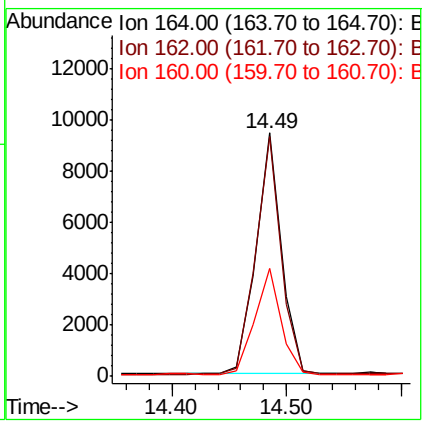


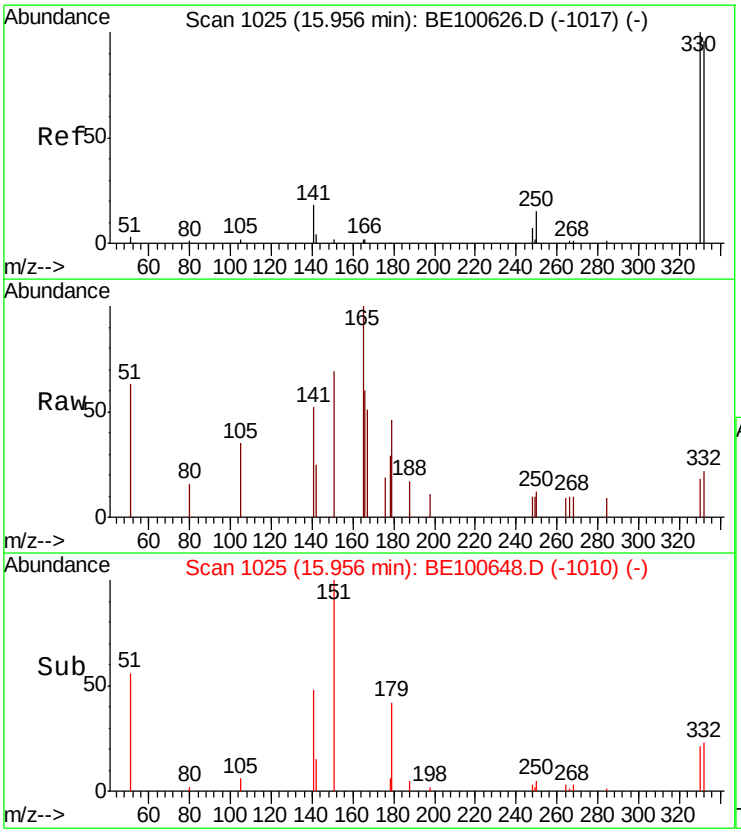
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 14425

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.1	118.7
160	44.3	34.7	52.1

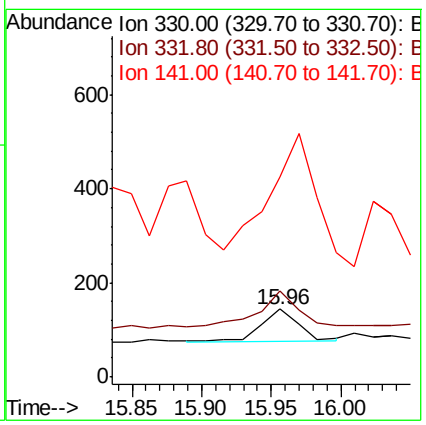


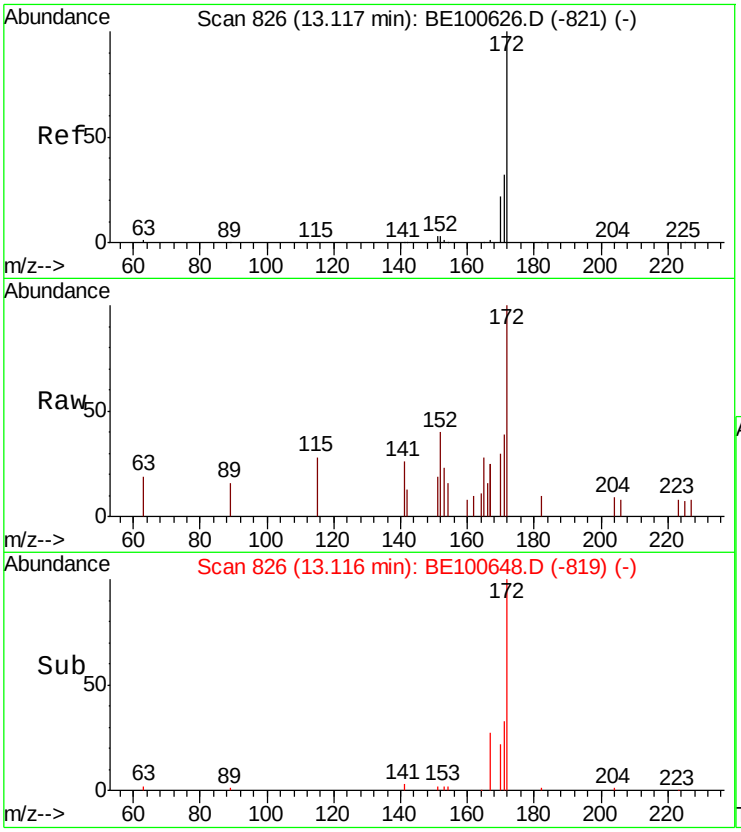


#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:330 Resp: 129

Ion	Ratio	Lower	Upper
330	100		
332	153.5	75.2	112.8#
141	529.5	37.5	56.3#



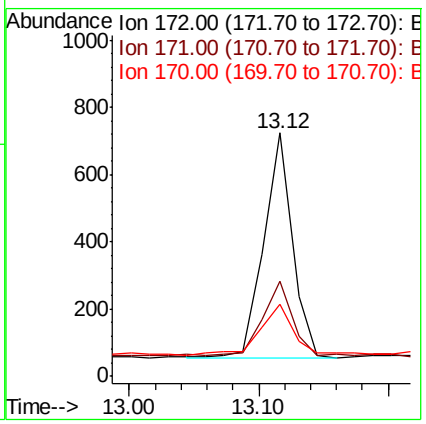


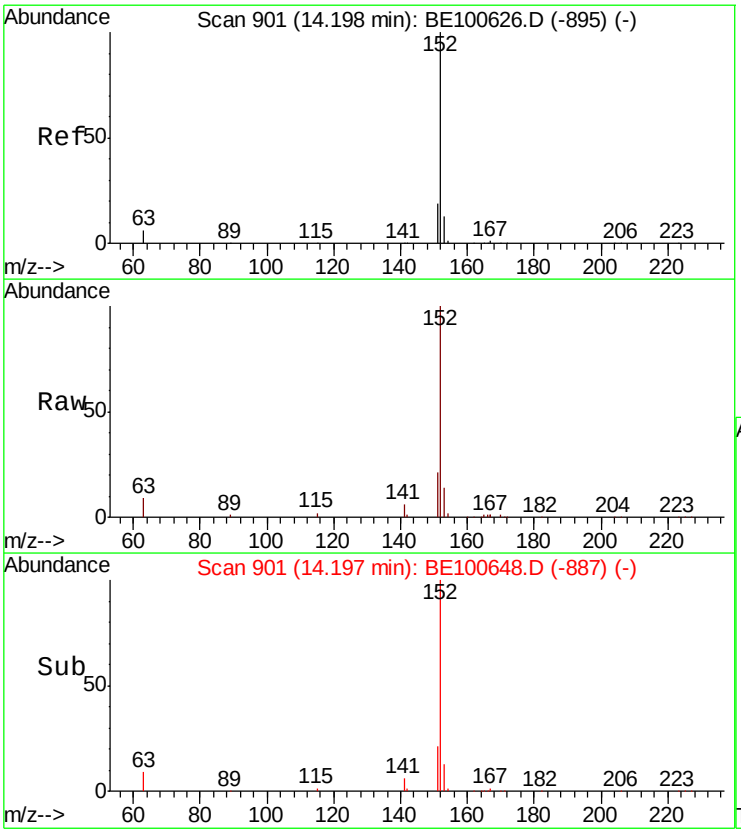
#15
2-Fluorobiphenyl
Concen: 0.020 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1029

Ion	Ratio	Lower	Upper
172	100		
171	39.2	26.2	39.4
170	29.5	17.5	26.3#

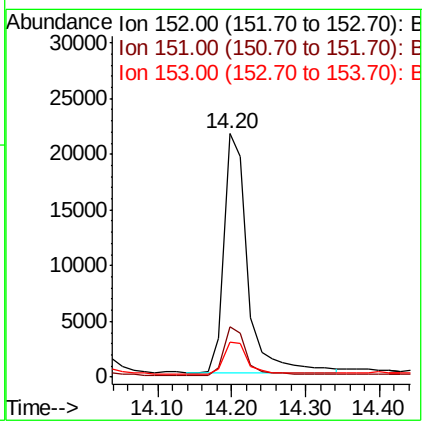


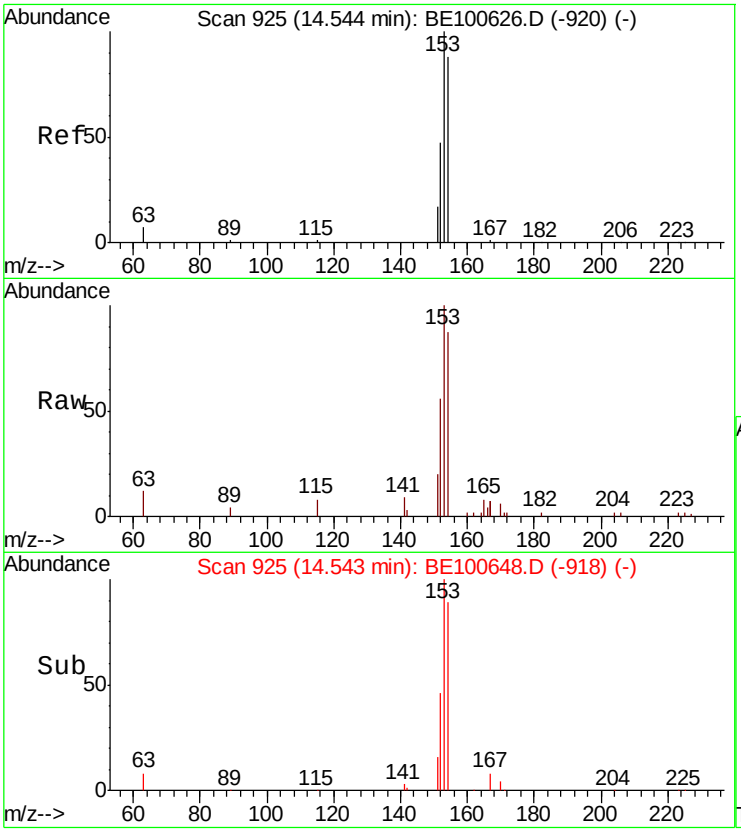


#16
Acenaphthylene
Concen: 0.768 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:152 Resp: 47662

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.6	23.4
153	14.6	10.5	15.7



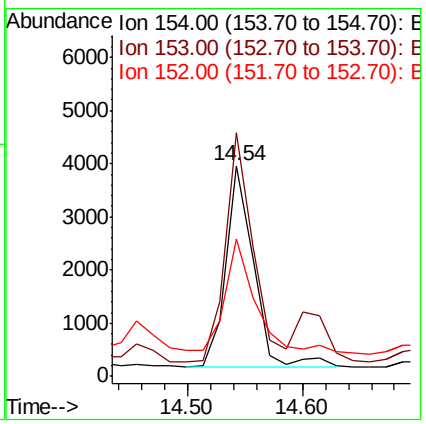


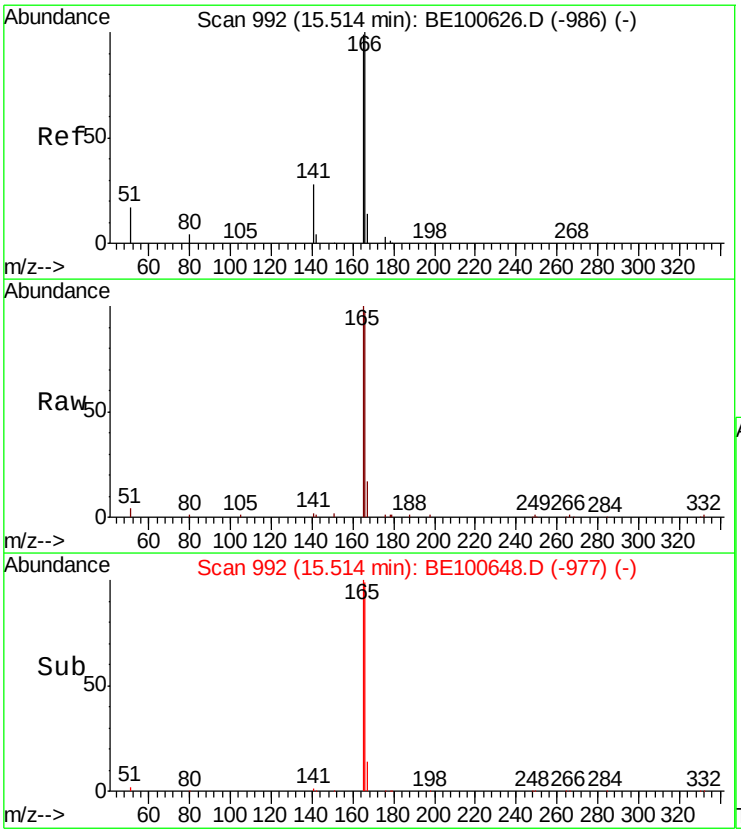
#17
Acenaphthene
Concen: 0.160 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6430

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.4	137.2
152	57.5	44.0	66.0

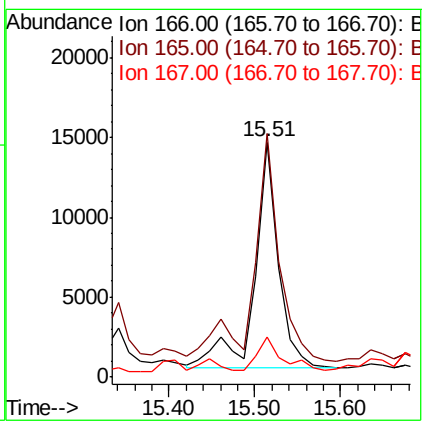


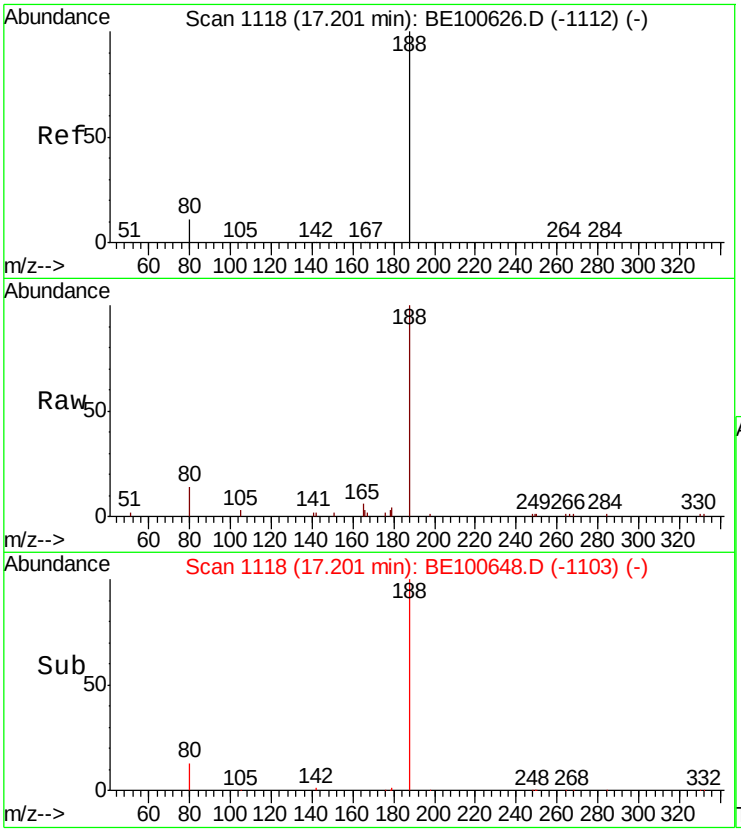


#18
Fluorene
Concen: 0.510 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:166 Resp: 27150

Ion	Ratio	Lower	Upper
166	100		
165	112.7	78.9	118.3
167	15.9	10.9	16.3



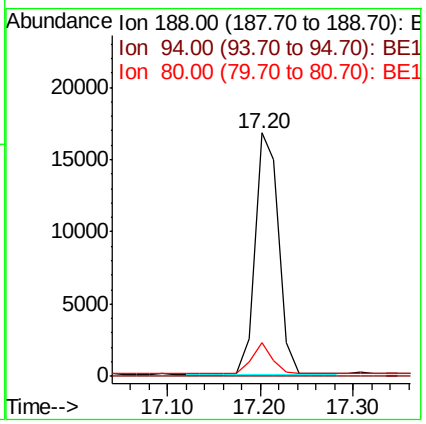


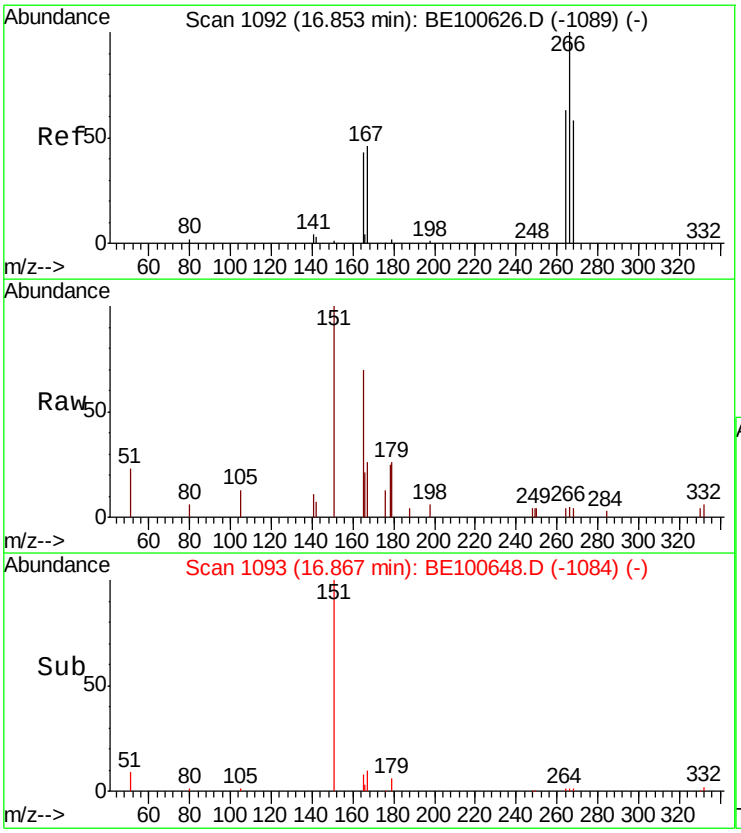
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29288

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	9.4	14.2

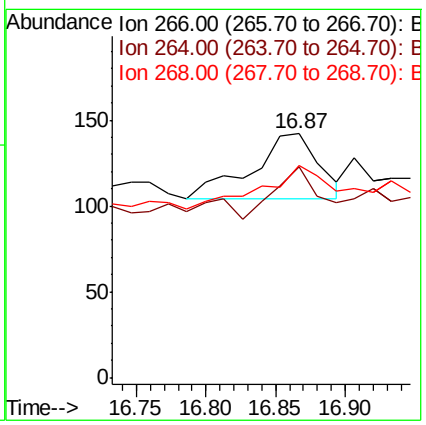


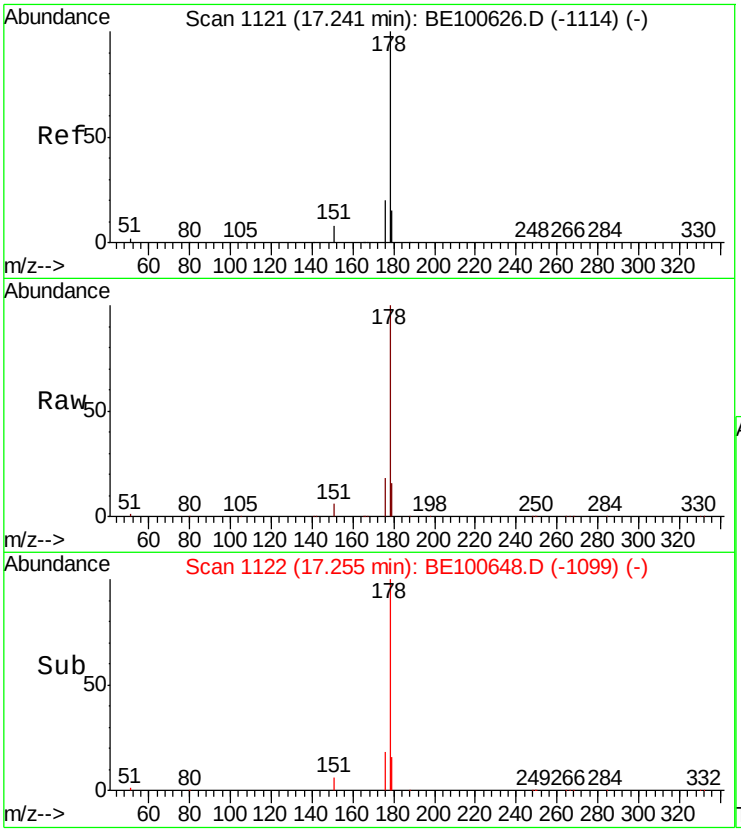


#22
Pentachlorophenol
Concen: 0.028 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:266 Resp: 129

Ion	Ratio	Lower	Upper
266	100		
264	86.6	50.7	76.1#
268	87.3	48.5	72.7#



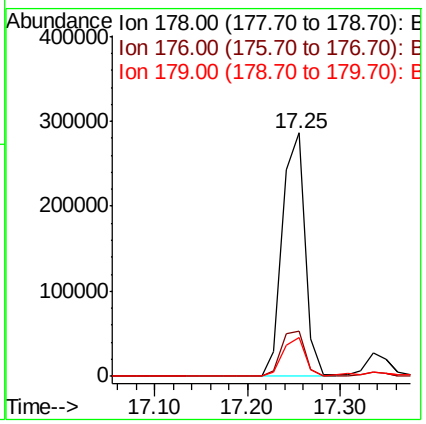


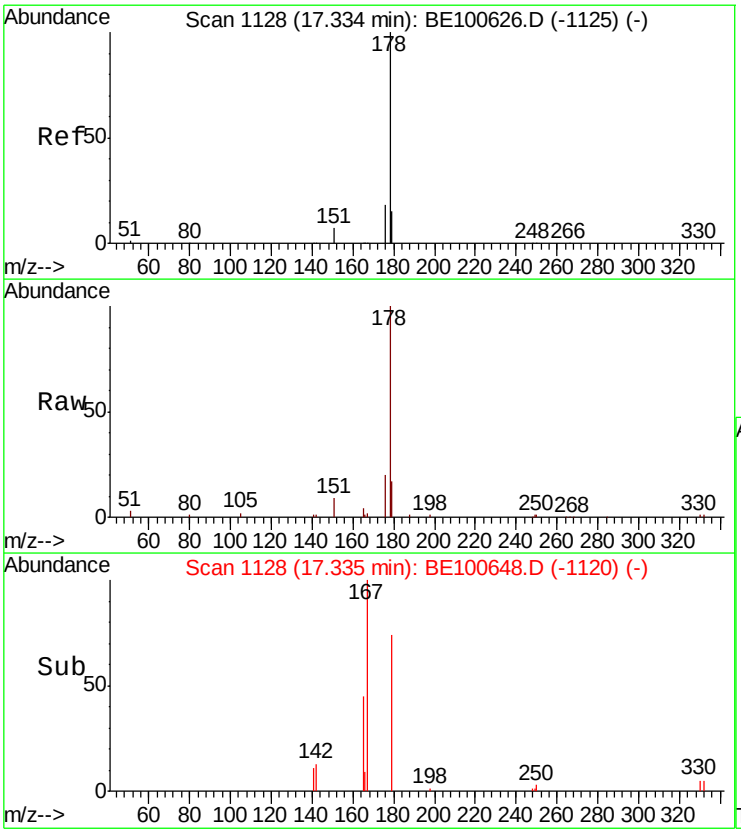
#23
Phenanthrene
Concen: 6.023 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 485187

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.4	18.6

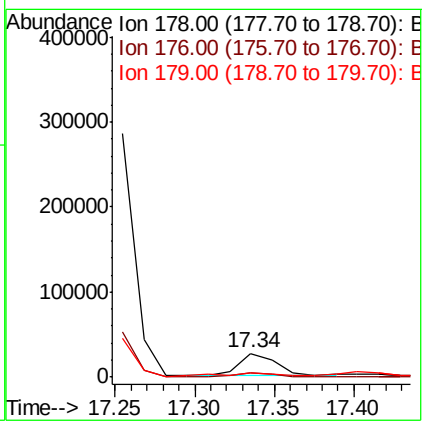


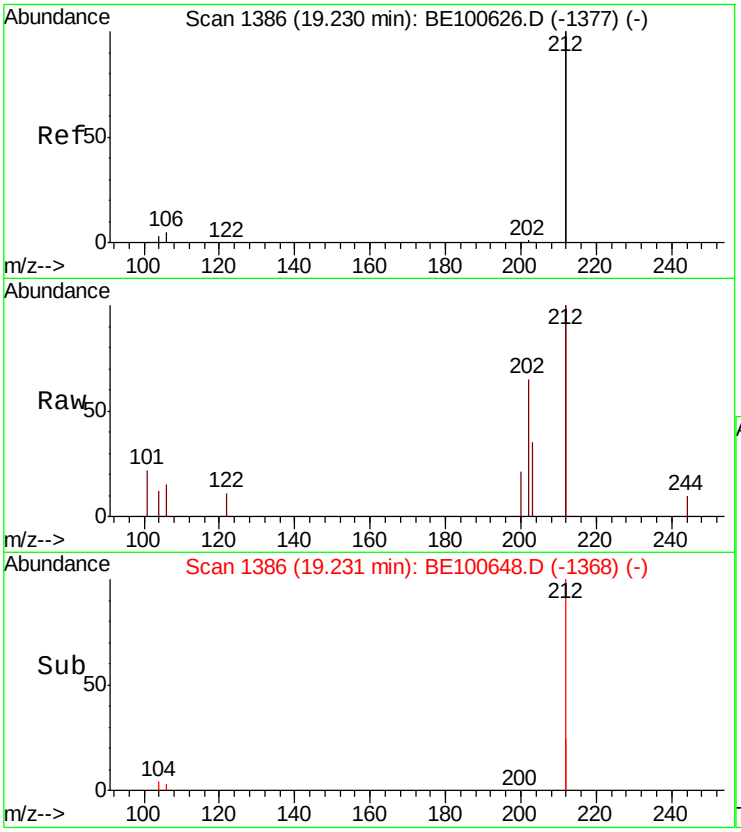


#24
Anthracene
Concen: 0.621 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:178 Resp: 46390

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.7	12.4	18.6



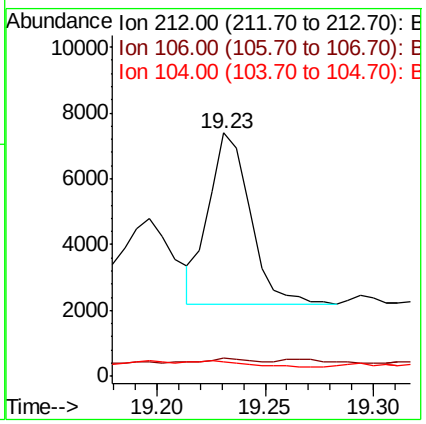


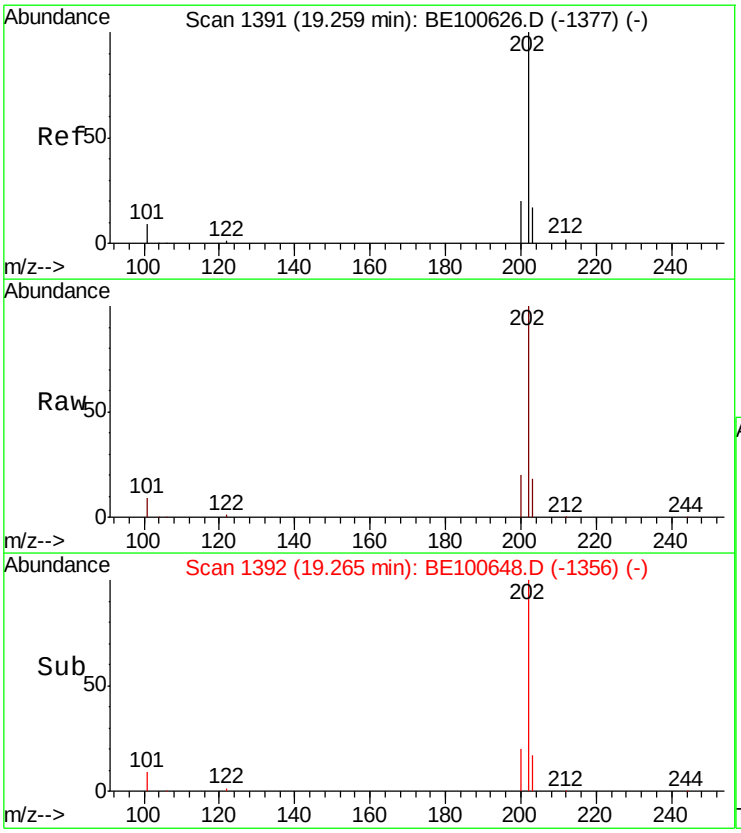
#25
Fluoranthene-d10
Concen: 0.018 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 6986

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	4.4	1.3	1.9#

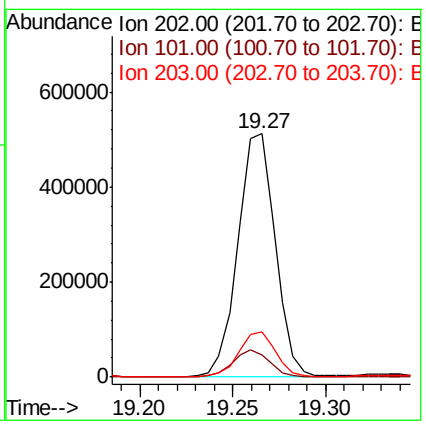


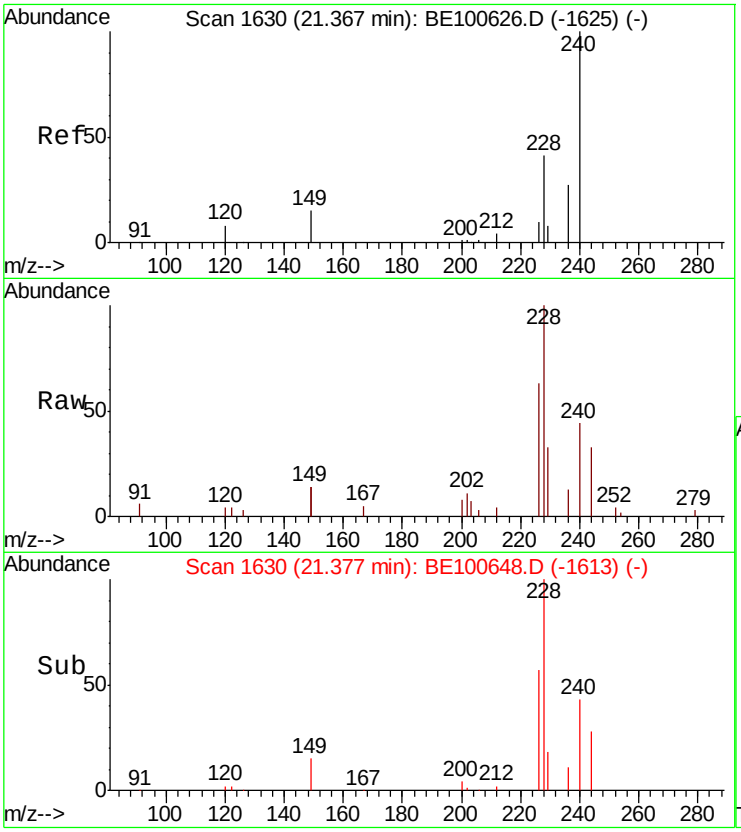


#26
Fluoranthene
Concen: 6.800 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:202 Resp: 714955

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.9	13.8	20.6



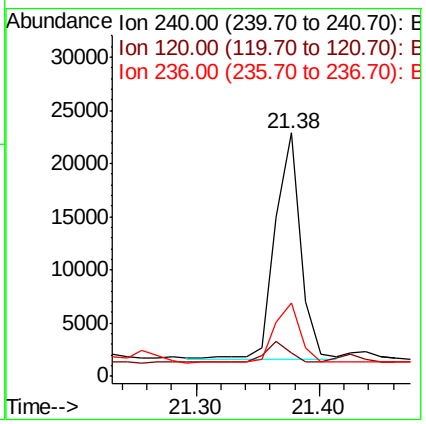


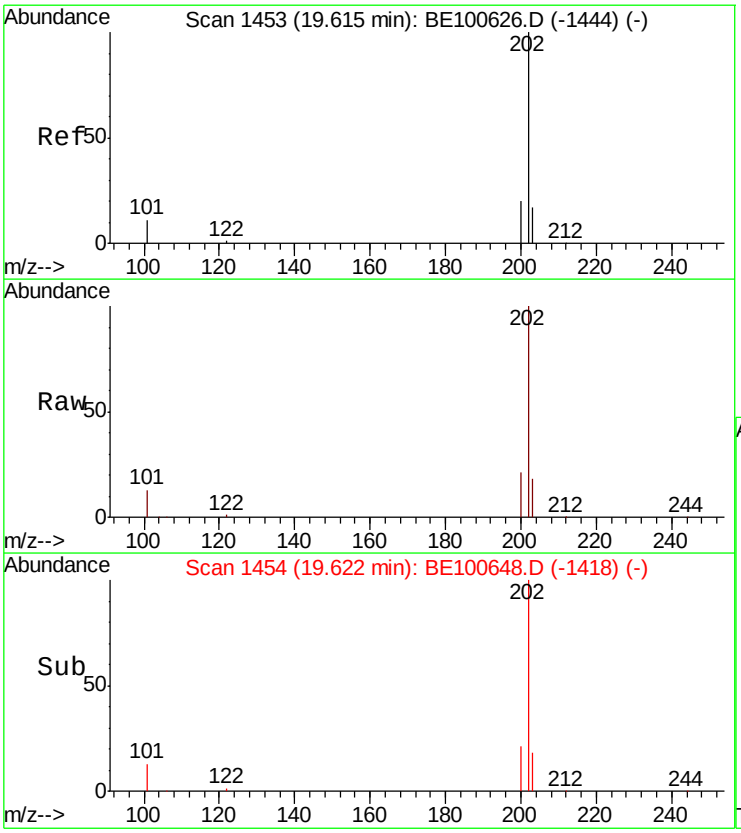
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 31209

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.4	11.0
236	30.2	21.7	32.5

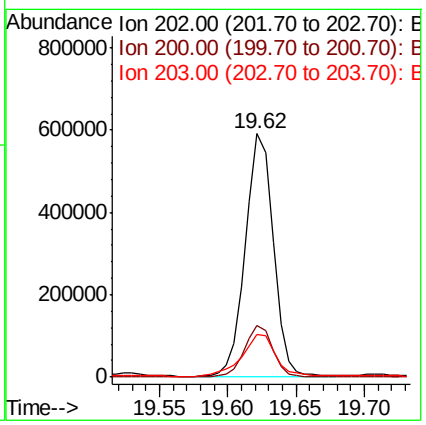


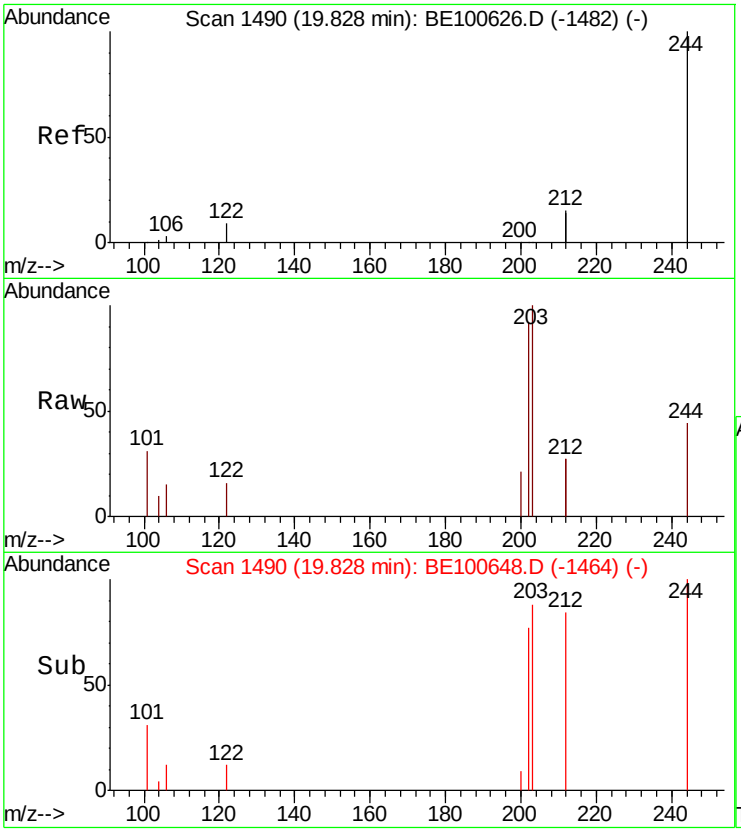


#28
Pyrene
Concen: 9.528 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:202 Resp: 830786

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	20.9	13.9	20.9#



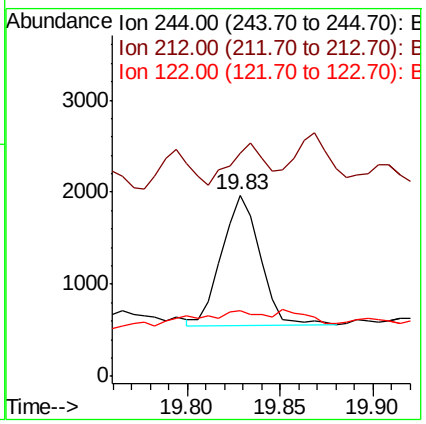


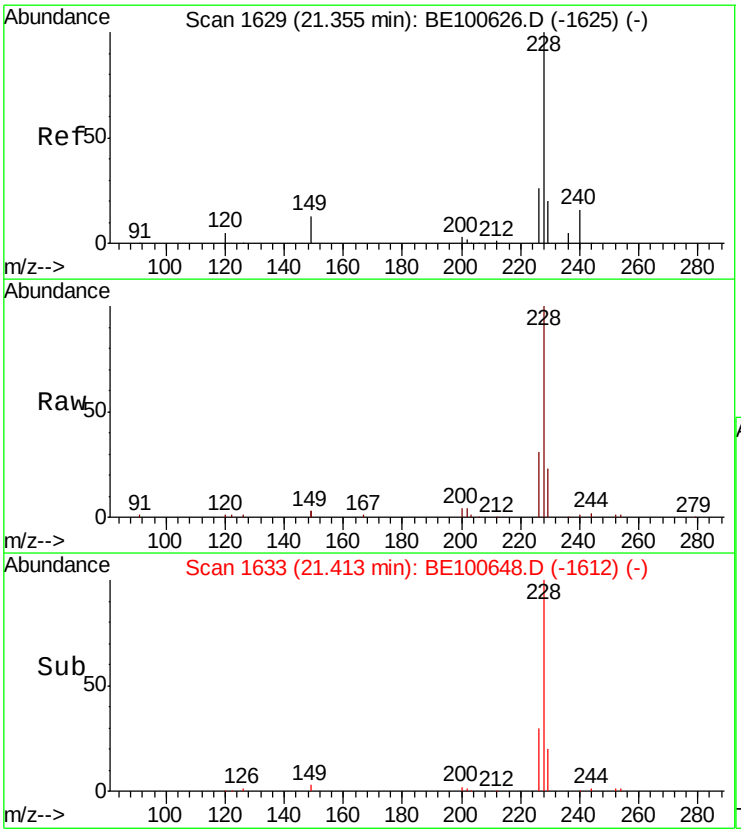
#29
Terphenyl-d14
Concen: 0.030 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2059

Ion	Ratio	Lower	Upper
244	100		
212	123.1	23.9	35.9#
122	36.1	7.7	11.5#

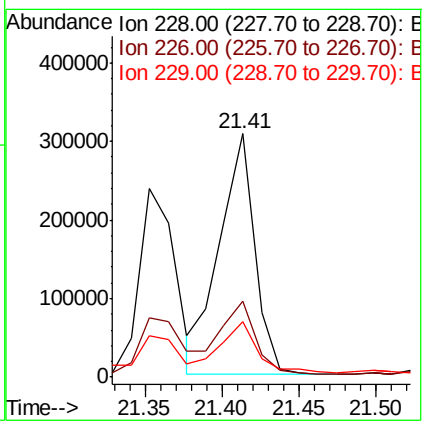


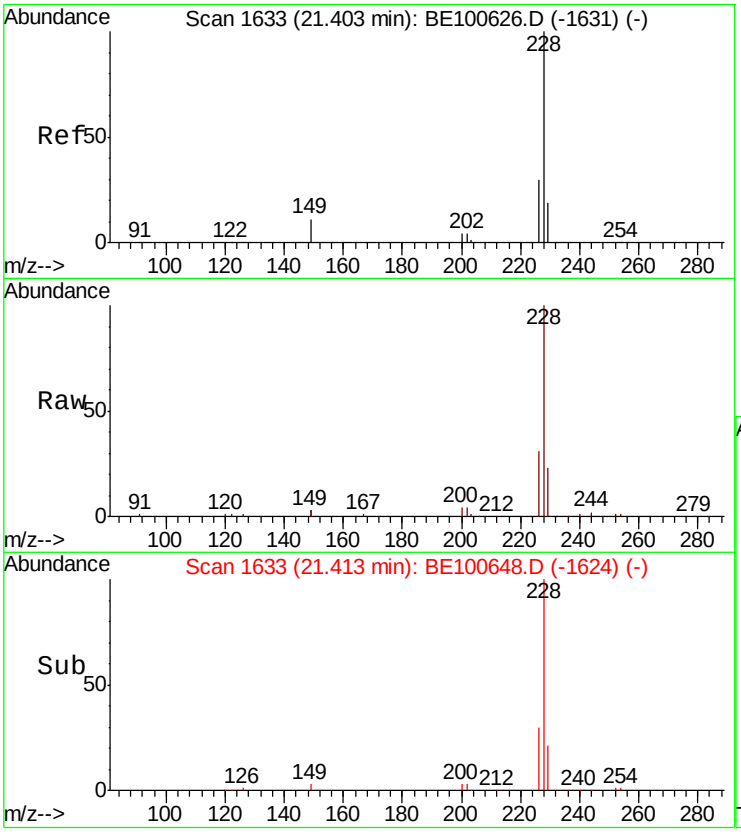


#30
Benzo(a)anthracene
Concen: 4.778 ng
RT: 21.41 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:228 Resp: 486441

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.6
229	22.7	15.8	23.8



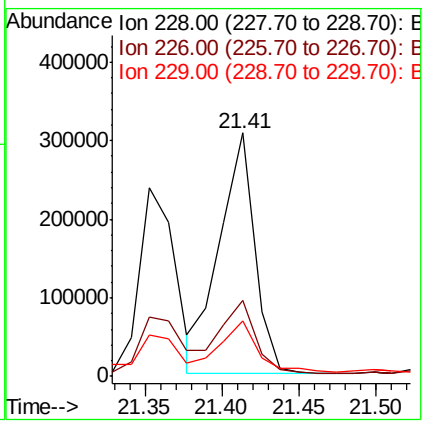


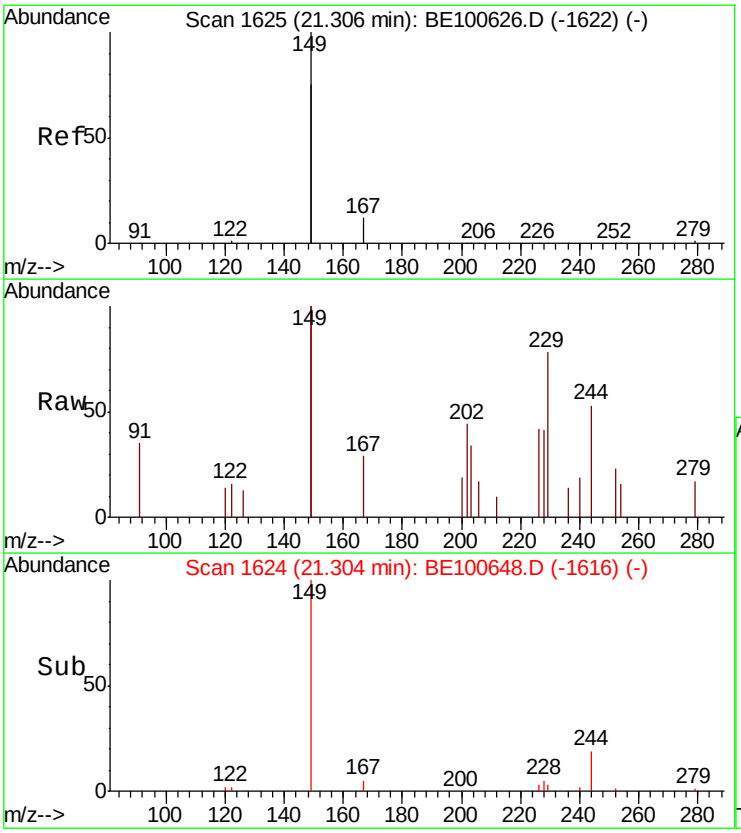
#31
Chrysene
Concen: 4.768 ng
RT: 21.41 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 485105

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	22.7	15.6	23.4

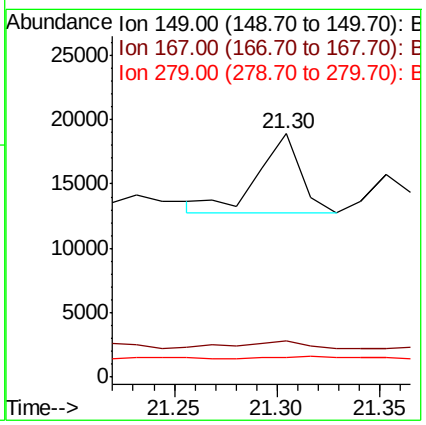


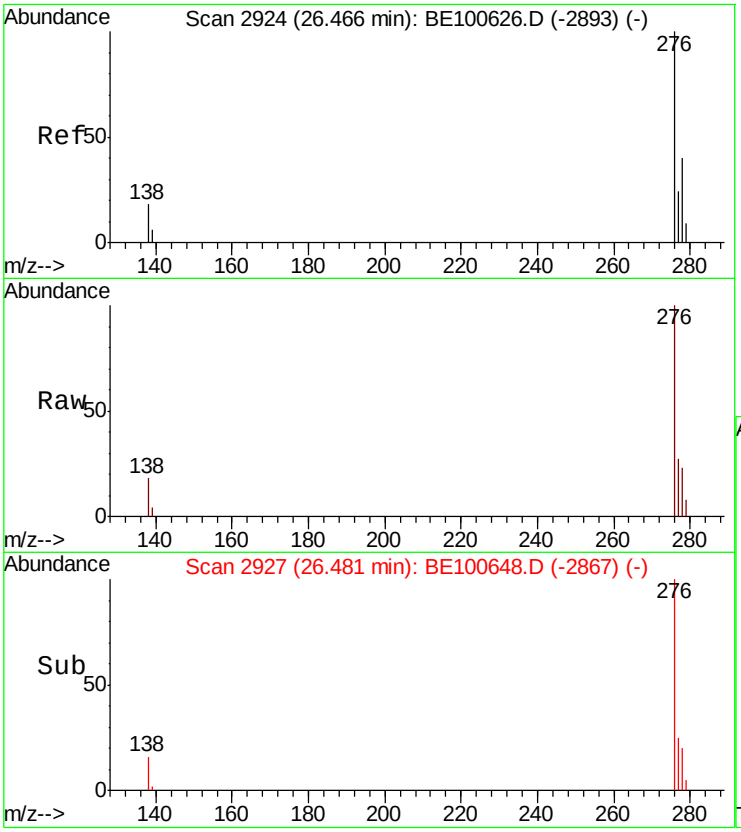


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:149 Resp: 8909

Ion	Ratio	Lower	Upper
149	100		
167	14.4	5.4	8.2#
279	5.8	1.5	2.3#



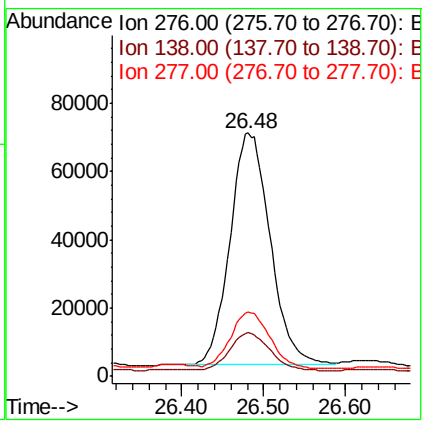


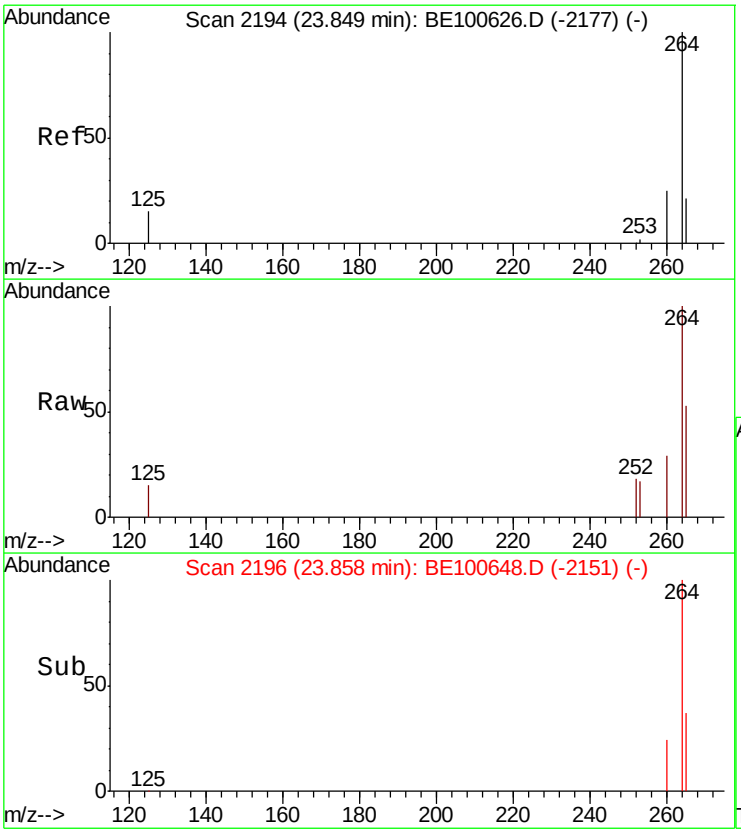
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.852 ng
RT: 26.48 min Scan# 2927
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 231578

Ion	Ratio	Lower	Upper
276	100		
138	16.3	16.0	24.0
277	24.3	19.7	29.5

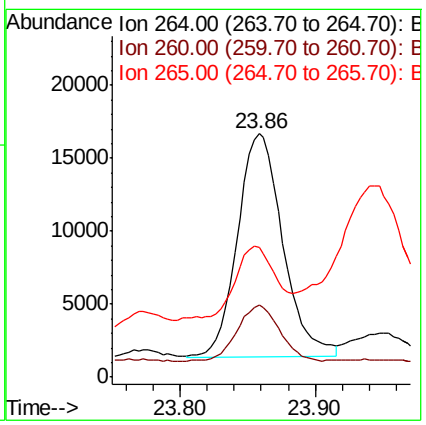


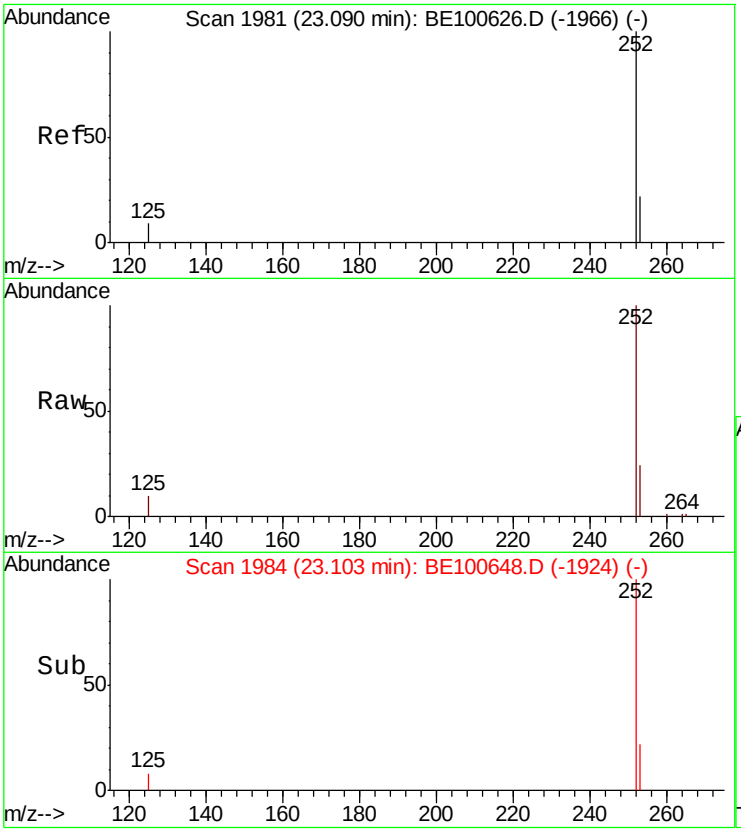


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:264 Resp: 35676

Ion	Ratio	Lower	Upper
264	100		
260	29.3	19.9	29.9
265	53.1	20.0	30.0#



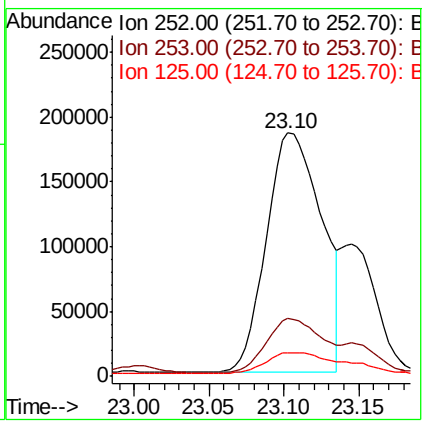


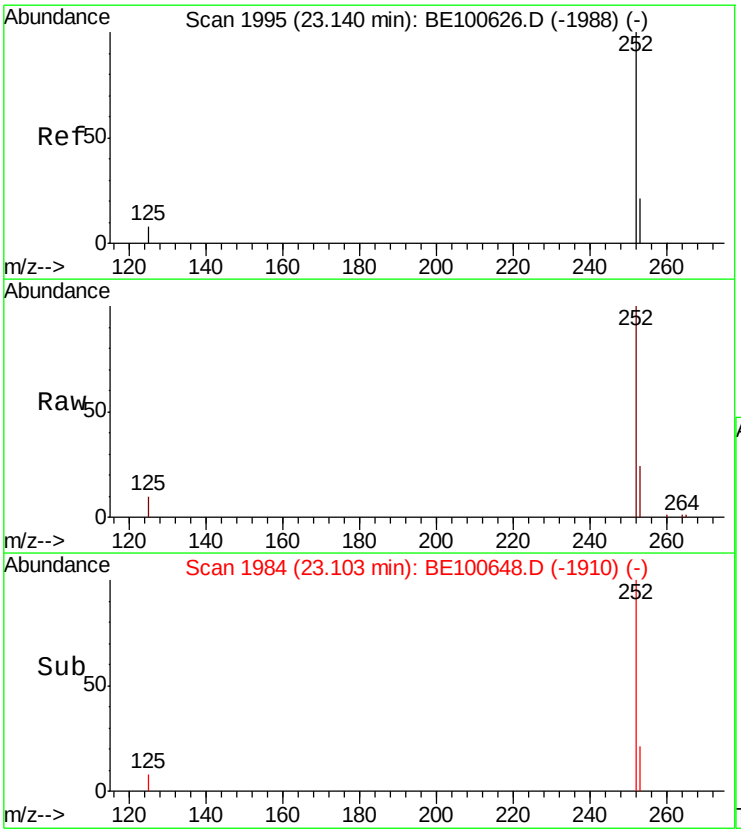
#35
Benzo(b)fluoranthene
Concen: 4.582 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 476690

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	9.7	7.6	11.4

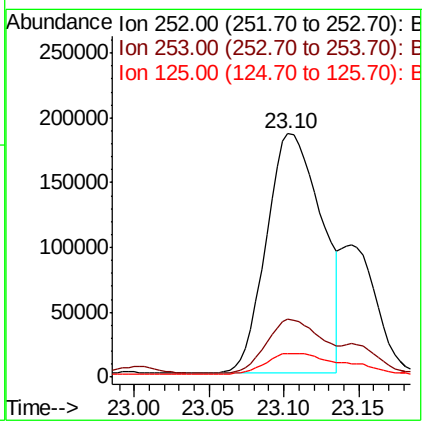


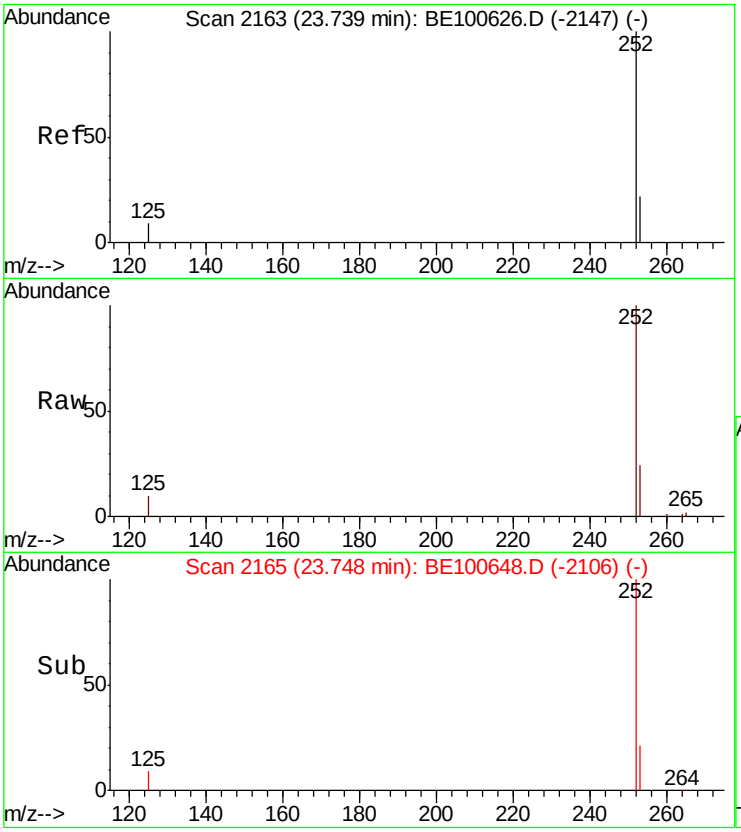


#36
Benzo(k)fluoranthene
Concen: 4.456 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.04 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:252 Resp: 476690

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	9.7	7.6	11.4



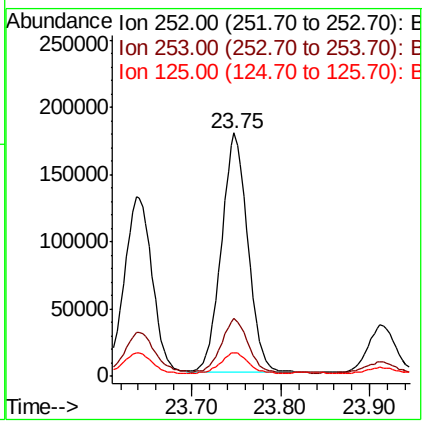


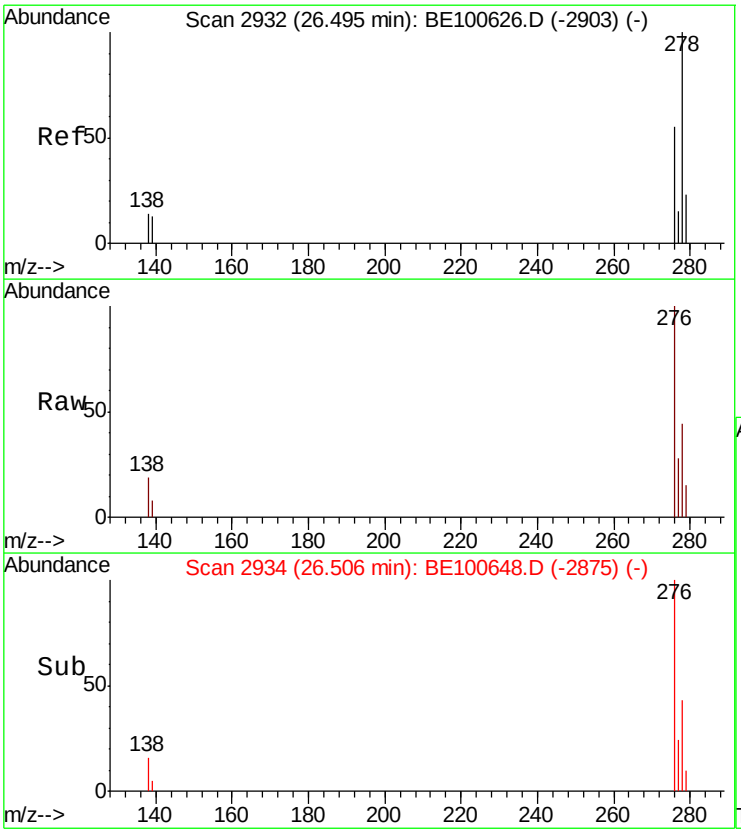
#37
Benzo(a)pyrene
Concen: 3.824 ng
RT: 23.75 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 370284

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.8	8.1	12.1

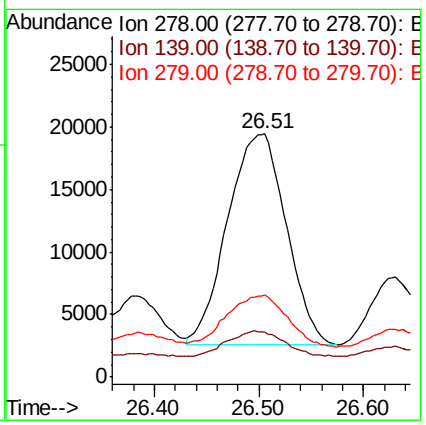


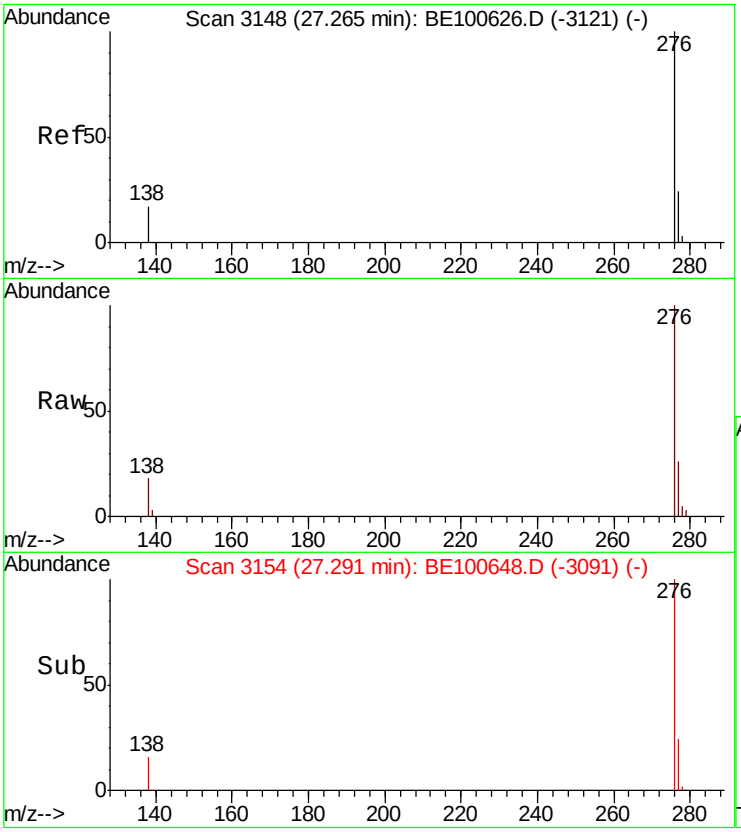


#38
Dibenzo(a,h)anthracene
Concen: 0.656 ng
RT: 26.51 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Tgt Ion:278 Resp: 65623

Ion	Ratio	Lower	Upper
278	100		
139	18.5	11.2	16.8#
279	33.6	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 2.450 ng
RT: 27.29 min Scan# 3154
Delta R.T. 0.03 min
Lab File: BE100648.D
Acq: 15 Oct 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 246666

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.3	28.9
138	18.0	14.5	21.7