Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100769.D
Acq On : 22 Nov 2019 22:02
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 23 04:25:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5295	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	23396	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13073	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	29669	0.40	ng		0.00
27) Chrysene-d12	21.32	240	33058	0.40	ng		0.00
34) Perylene-d12	23.77	264	37061	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	6551	0.46	ng		0.00
5) Phenol-d6	6.93	99	9471	0.46	ng		0.00
8) Nitrobenzene-d5	8.90	82	6160	0.82	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	13797	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1094	0.59	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	20064	0.40	ng		0.00
25) Fluoranthene-d10	19.17	212	143923	0.40	ng		0.00
29) Terphenyl-d14	19.77	244	31101	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3977	0.400	ng		93
3) n-Nitrosodimethylamine	3.65	42	3329	0.529	ng	#	89
6) bis(2-Chloroethyl)ether	7.19	93	7382	0.426	ng		96
9) Naphthalene	10.59	128	99562	0.401	ng		100
10) Hexachlorobutadiene	10.90	225	3846	0.403	ng		97
12) 2-Methylnaphthalene	12.21	142	15722	0.400	ng		95
16) Acenaphthylene	14.11	152	22276	0.396	ng		98
17) Acenaphthene	14.47	154	14997	0.397	ng		99
18) Fluorene	15.43	166	19207	0.398	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	5696	0.390	ng		86
21) Hexachlorobenzene	16.45	284	5952	0.391	ng		99
22) Pentachlorophenol	16.79	266	734	0.375	ng		96
23) Phenanthrene	17.17	178	35733	0.400	ng		99
24) Anthracene	17.27	178	30039	0.390	ng		99
26) Fluoranthene	19.20	202	43051	0.394	ng		99
28) Pyrene	19.55	202	43349	0.423	ng		99
30) Benzo(a)anthracene	21.29	228	43148	0.387	ng		97
31) Chrysene	21.35	228	45904	0.405	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	74352	0.491	ng		100
33) Indeno(1,2,3-cd)pyrene	26.35	276	43133	0.410	ng		99
35) Benzo(b)fluoranthene	23.02	252	41287	0.355	ng		100
36) Benzo(k)fluoranthene	23.07	252	42766	0.353	ng		99
37) Benzo(a)pyrene	23.66	252	36232	0.353	ng		100
38) Dibenzo(a,h)anthracene	26.38	278	35015	0.325	ng		100
39) Benzo(g,h,i)perylene	27.13	276	36764	0.361	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
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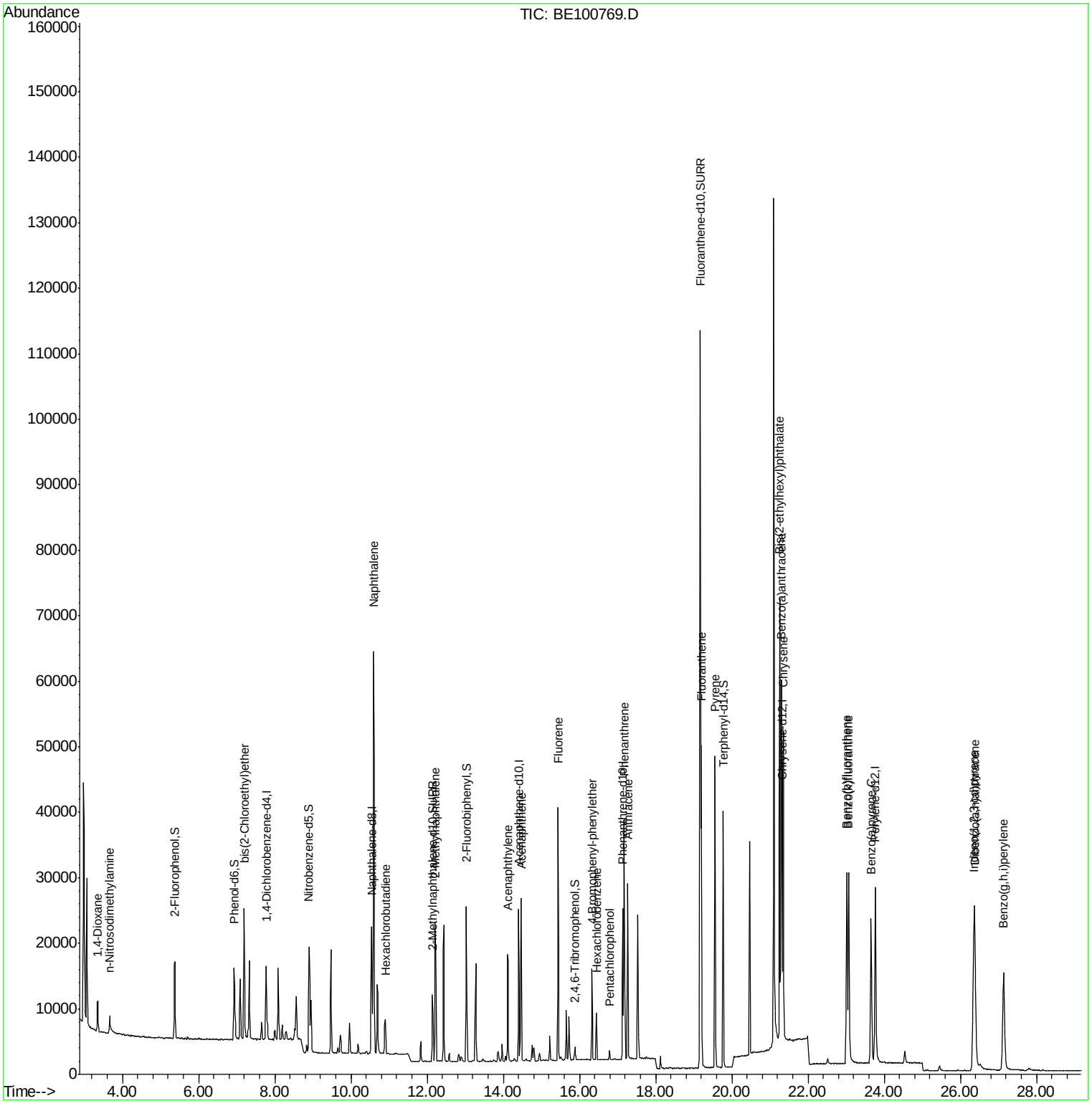
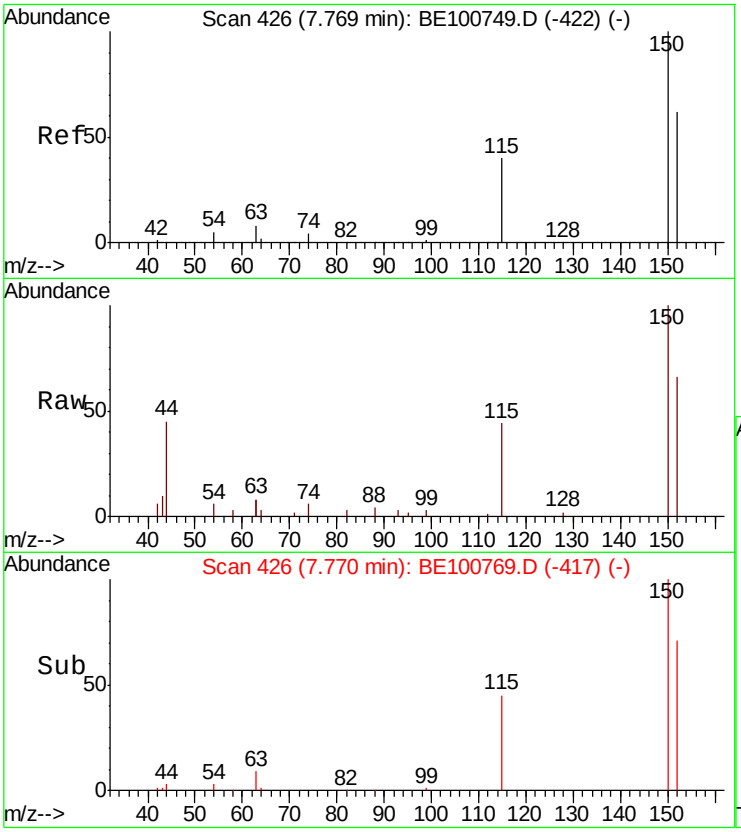
Acq On : 22 Nov 2019 22:02
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 23 04:25:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration



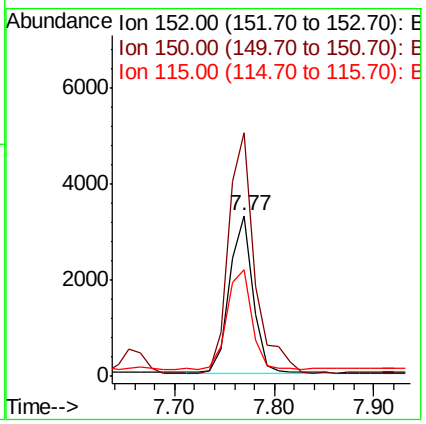


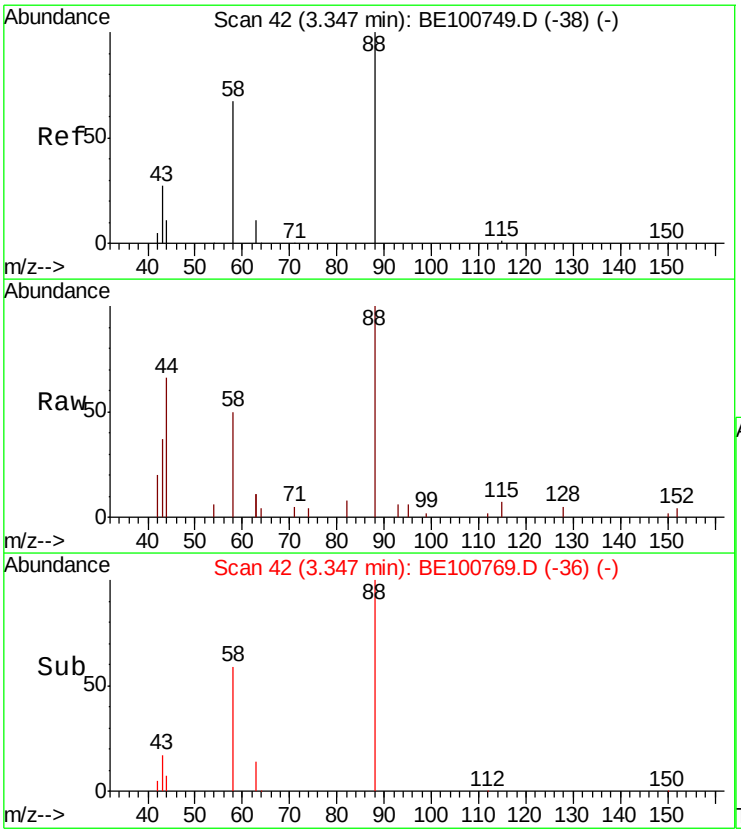
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5295

Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.1	190.7
115	66.7	53.0	79.4

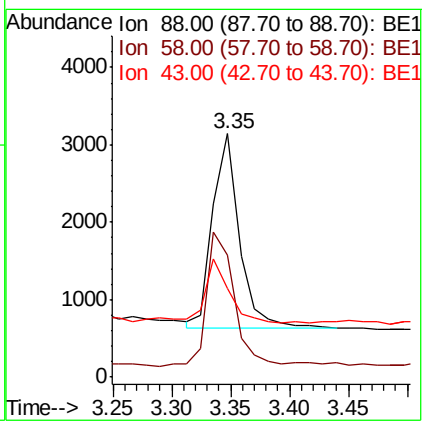


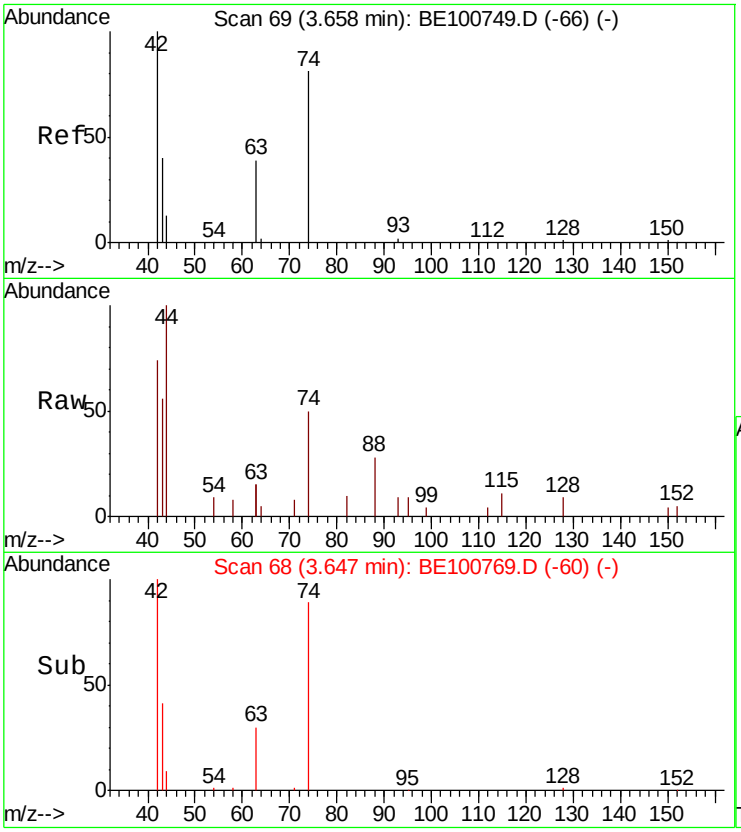


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion: 88 Resp: 3977

Ion	Ratio	Lower	Upper
88	100		
58	70.2	60.7	91.1
43	29.4	27.4	41.2



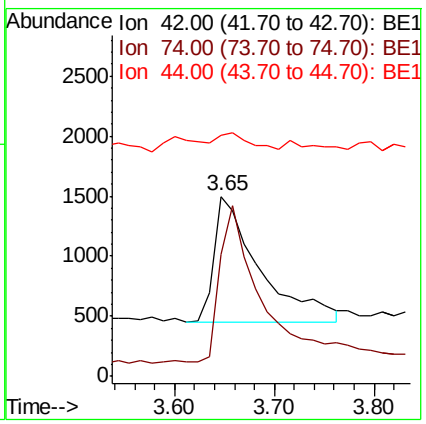


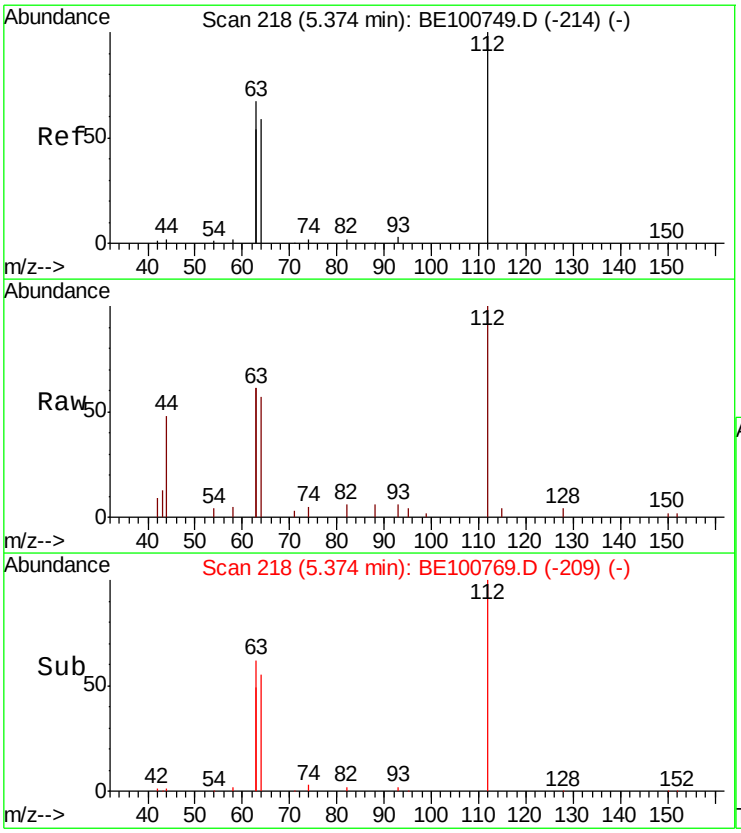
#3
n-Nitrosodimethylamine
Concen: 0.529 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3329

Ion	Ratio	Lower	Upper
42	100		
74	110.7	0.0	0.0#
44	8.8	4.2	6.4#

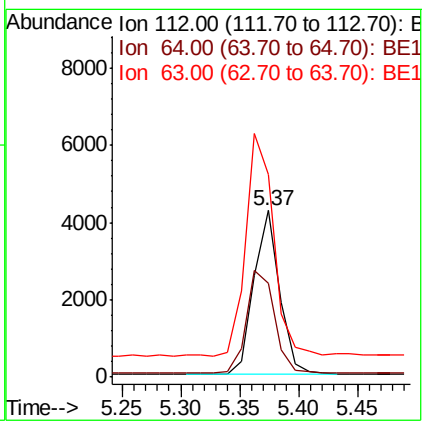


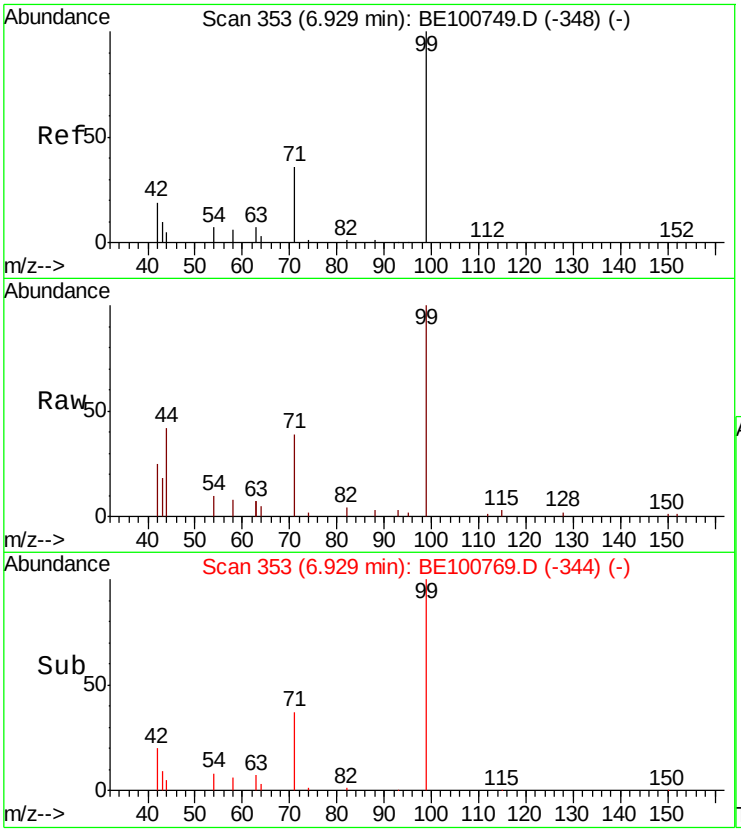


#4
2-Fluorophenol
Concen: 0.457 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:112 Resp: 6551

Ion	Ratio	Lower	Upper
112	100		
64	67.3	54.3	81.5
63	146.5	114.0	171.0



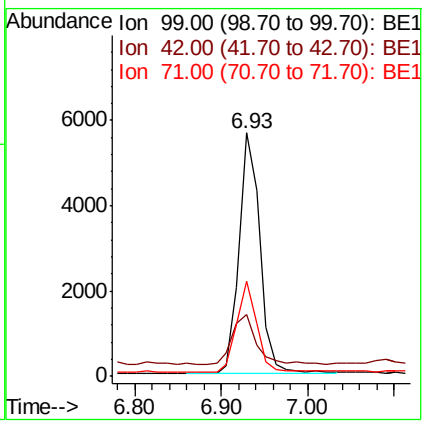


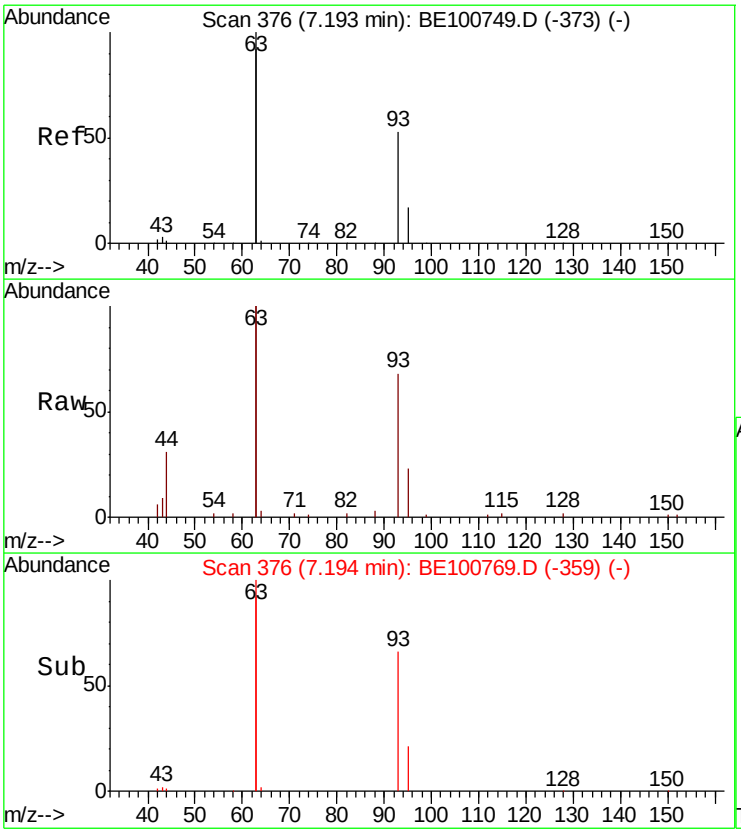
#5
Phenol-d6
Concen: 0.455 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9471

Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.9	26.9
71	35.9	29.3	43.9

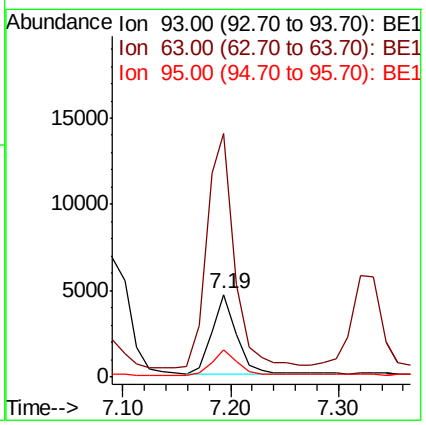


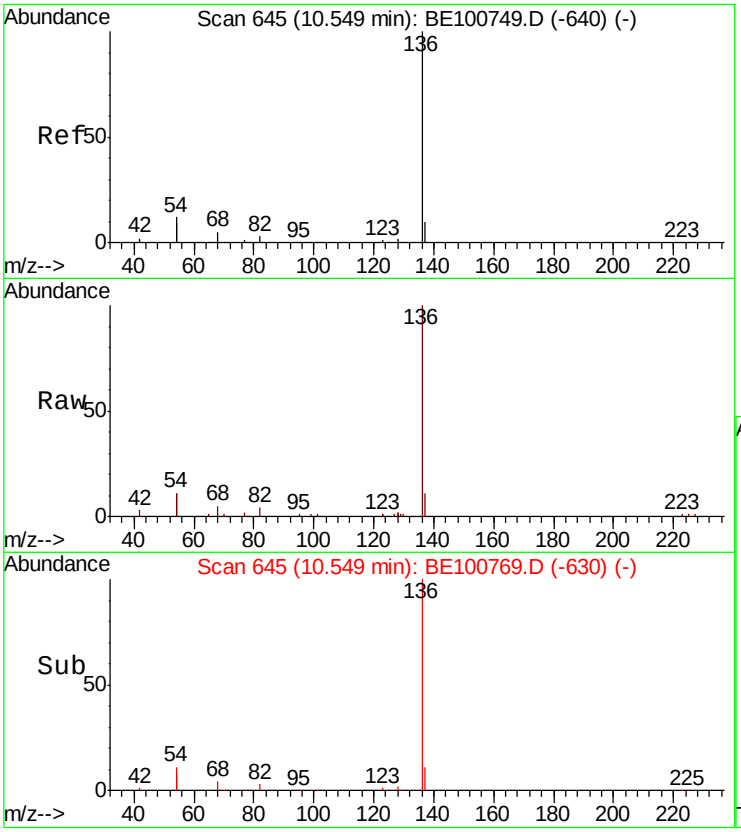


#6
bis(2-Chloroethyl)ether
Concen: 0.426 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion: 93 Resp: 7382

Ion	Ratio	Lower	Upper
93	100		
63	324.9	267.0	400.6
95	32.5	26.2	39.4



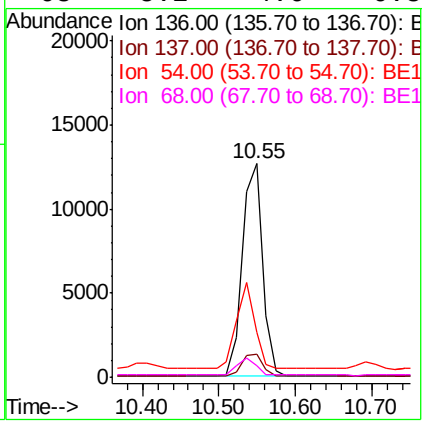


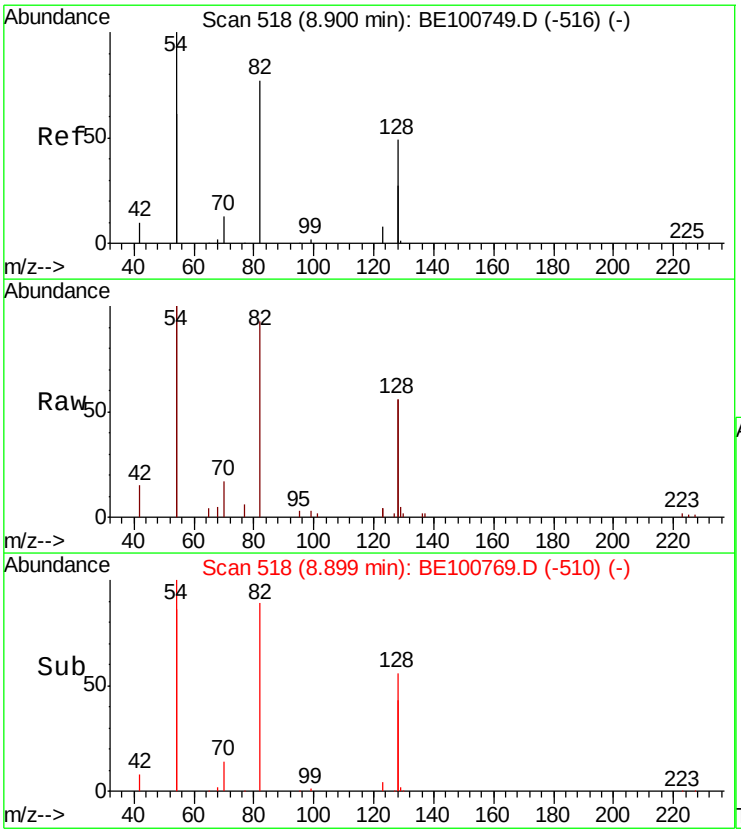
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23396

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	21.1	19.4	29.0
68	5.2	4.6	6.8

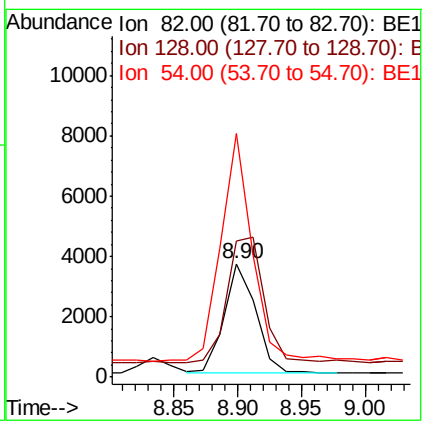


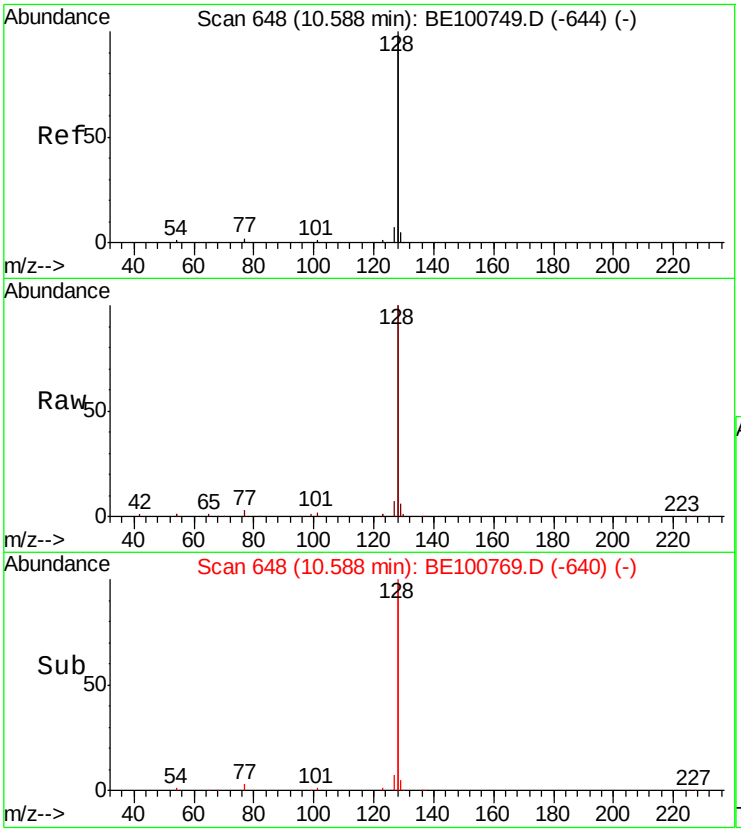


#8
Nitrobenzene-d5
Concen: 0.821 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion: 82 Resp: 6160

Ion	Ratio	Lower	Upper
82	100		
128	120.3	90.2	135.4
54	215.3	186.0	279.0



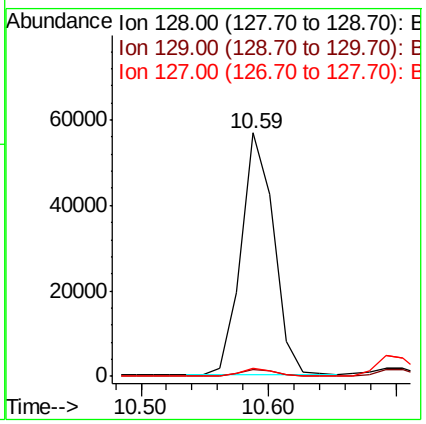


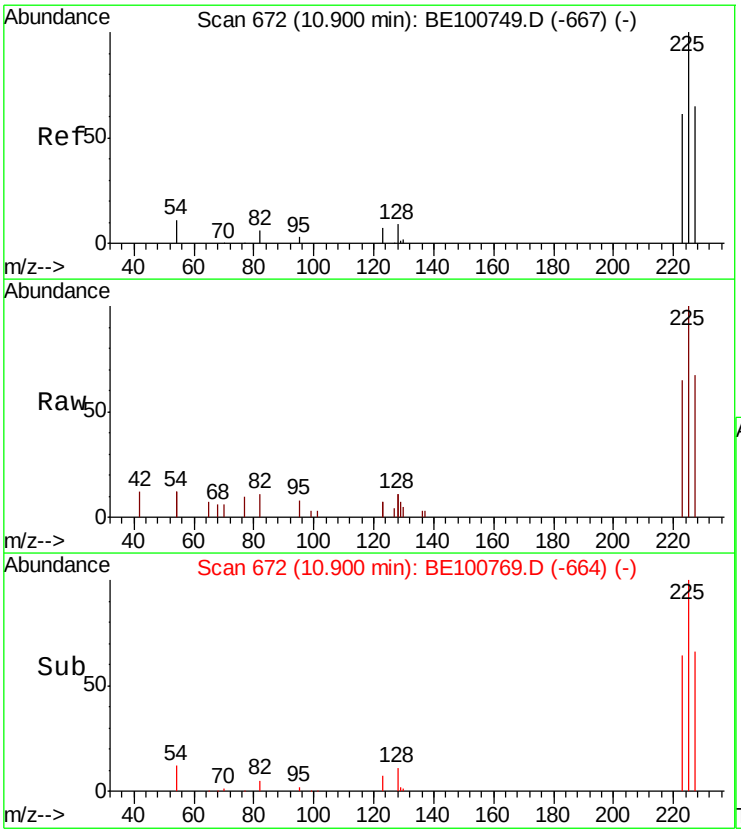
#9
Naphthalene
Concen: 0.401 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 99562

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1

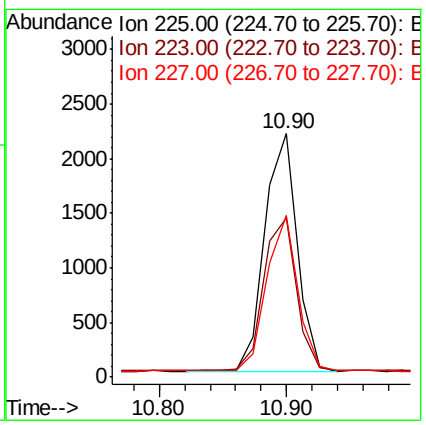


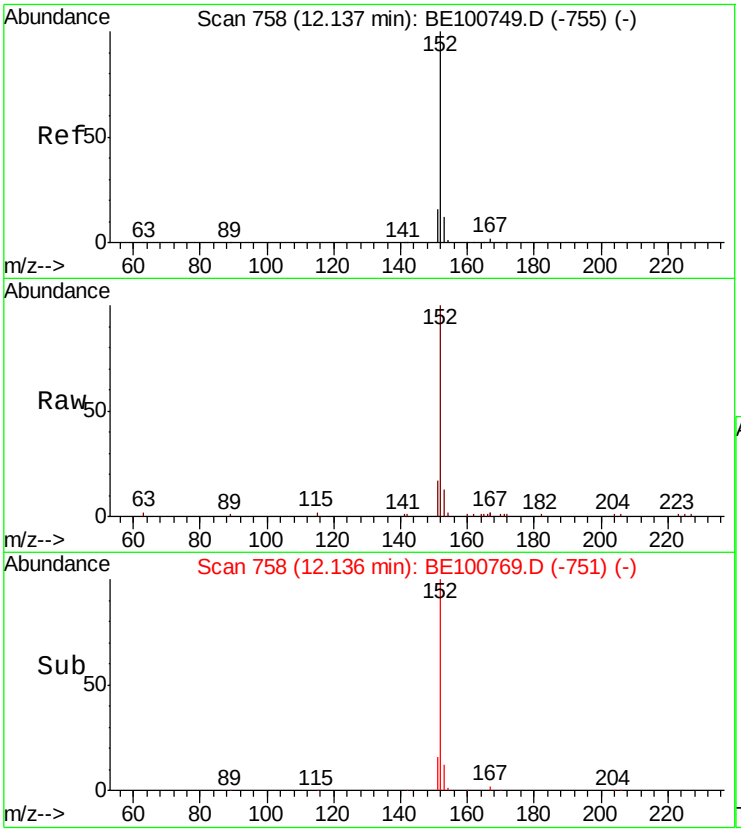


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:225 Resp: 3846

Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	75.8
227	62.5	52.0	78.0



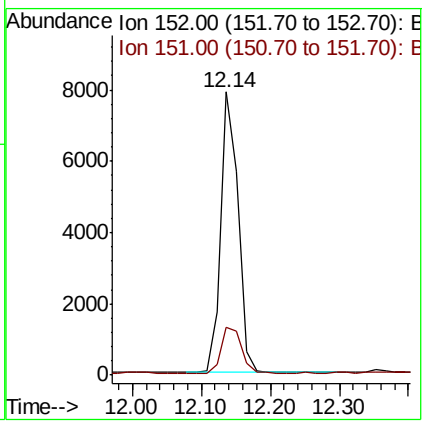


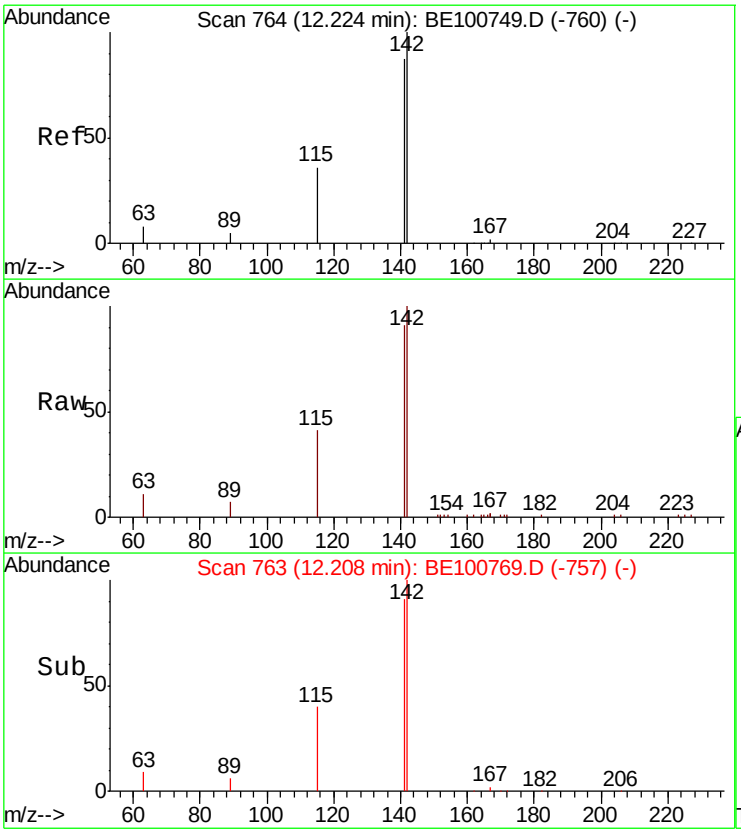
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13797

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8

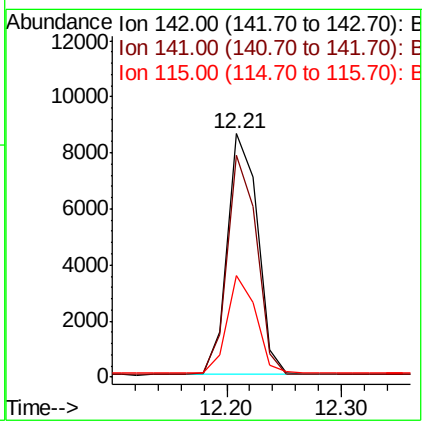


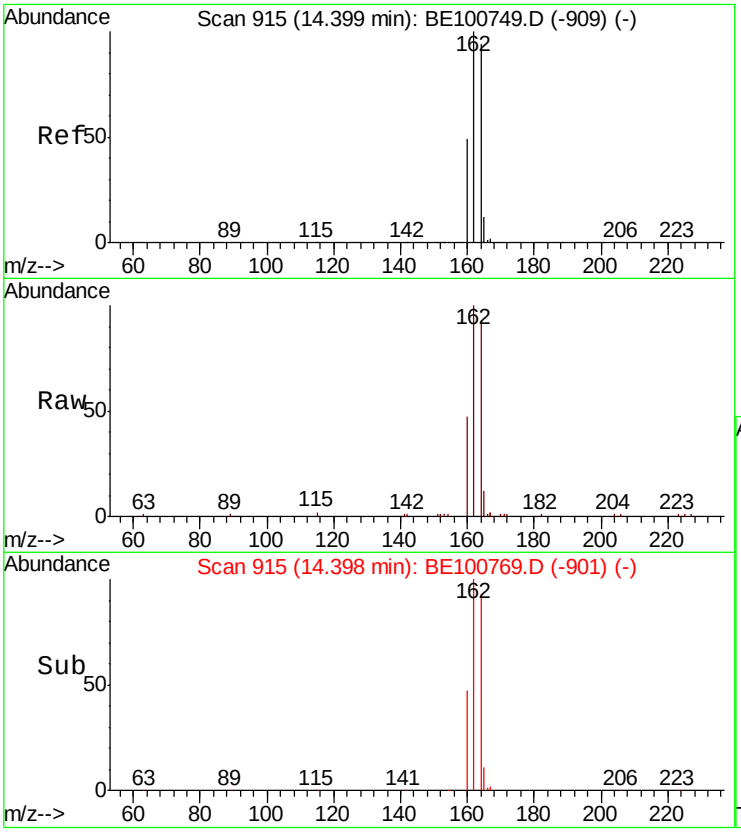


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:142 Resp: 15722

Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.9	104.9
115	41.5	29.5	44.3



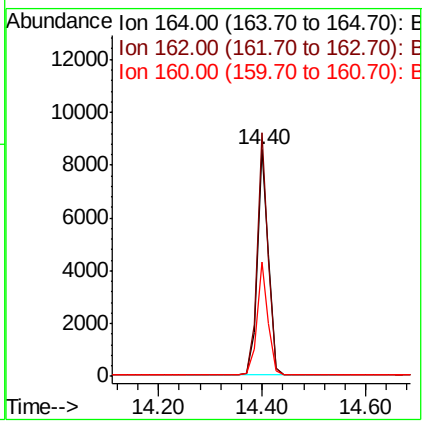


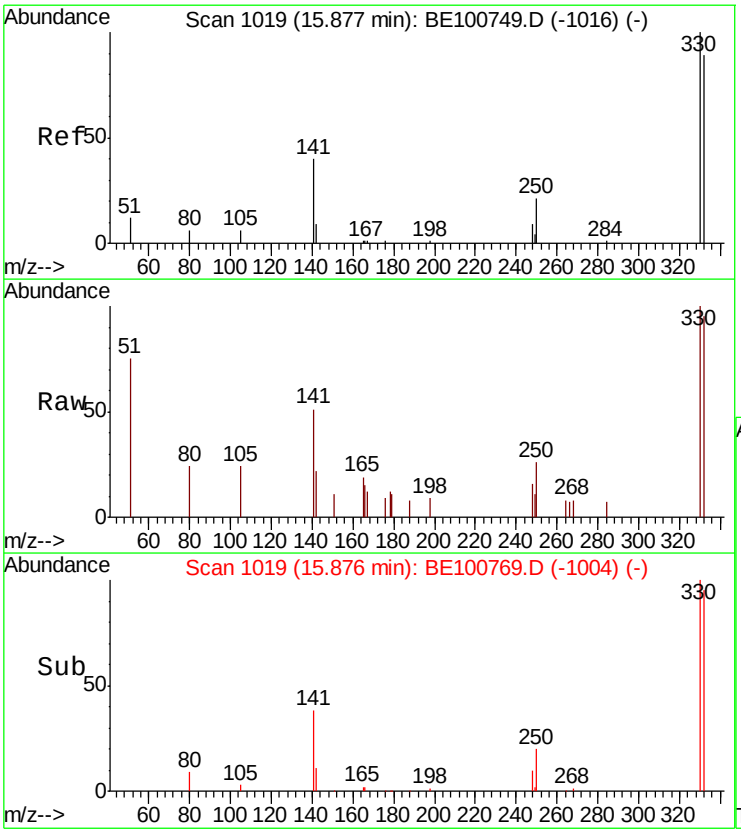
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13073

Ion	Ratio	Lower	Upper
164	100		
162	107.4	84.8	127.2
160	50.6	42.3	63.5

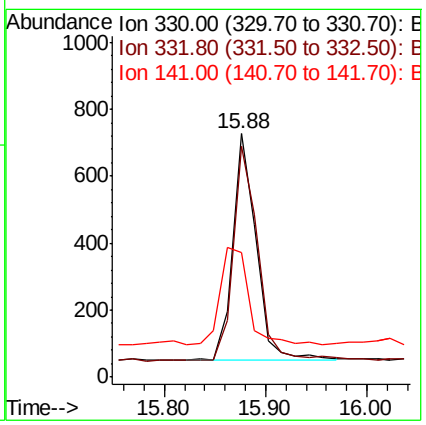


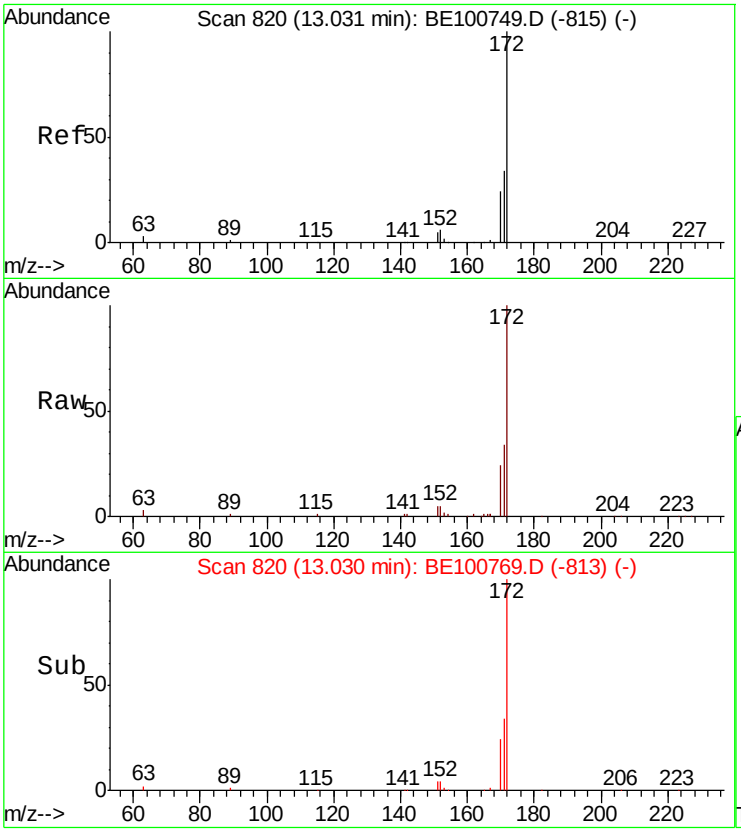


#14
2,4,6-Tribromophenol
Concen: 0.594 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:330 Resp: 1094

Ion	Ratio	Lower	Upper
330	100		
332	100.5	79.3	118.9
141	51.8	43.8	65.6



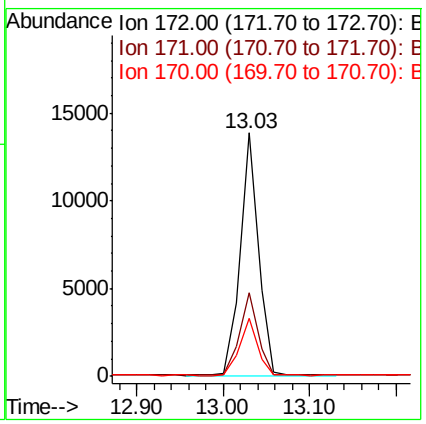


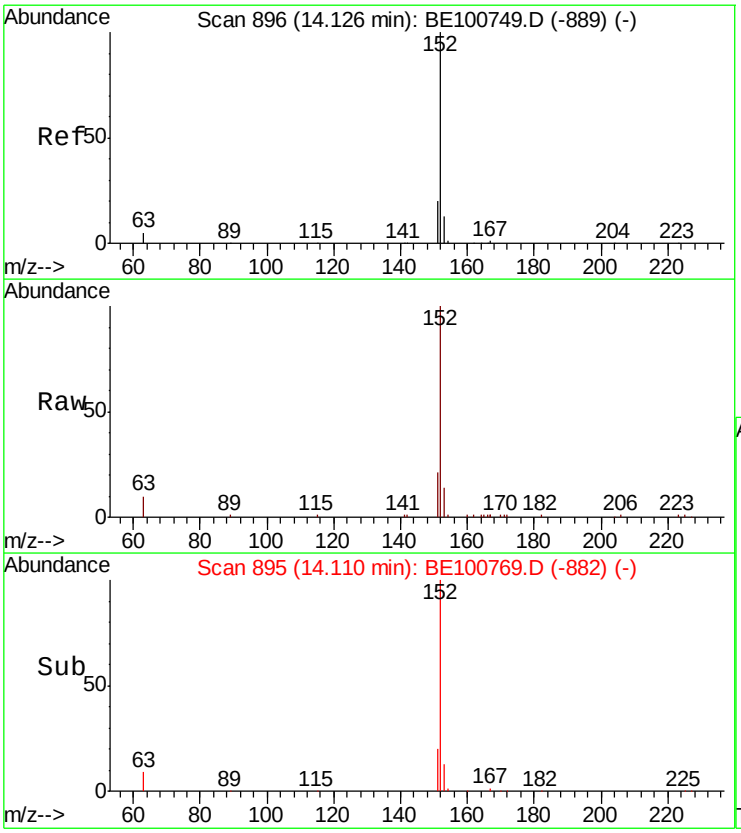
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 20064

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.8	19.4	29.2

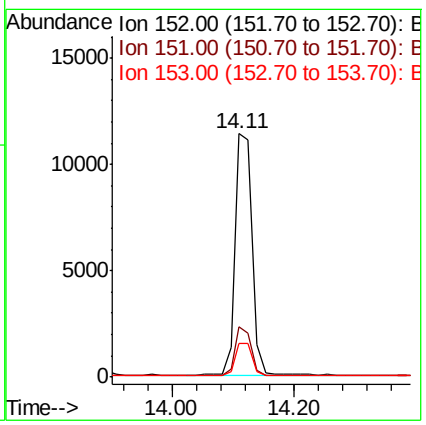


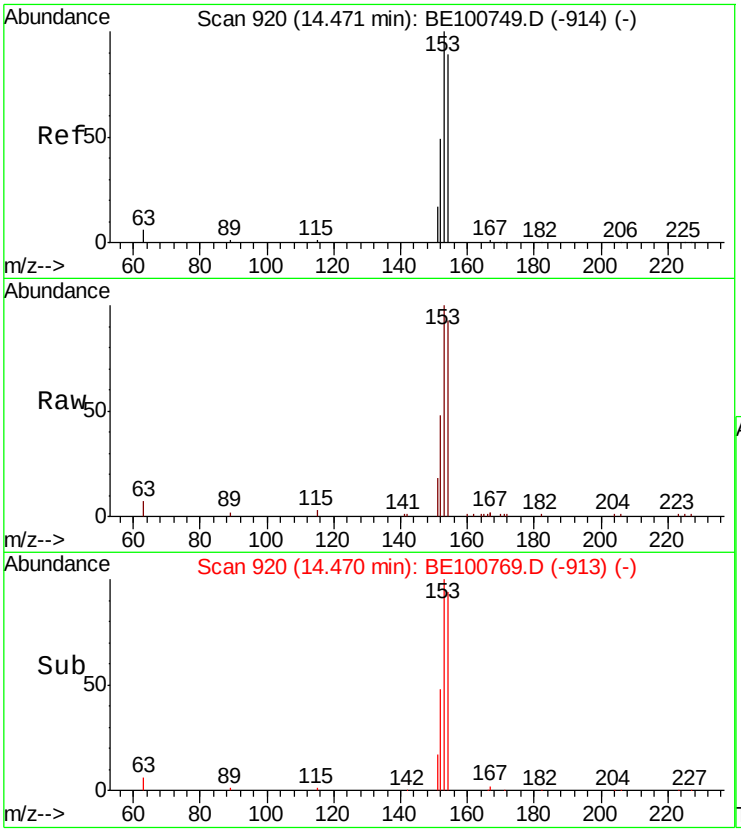


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.02 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:152 Resp: 22276

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4
153	13.7	10.6	15.8



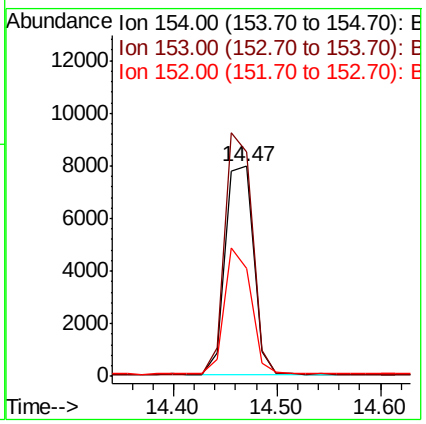


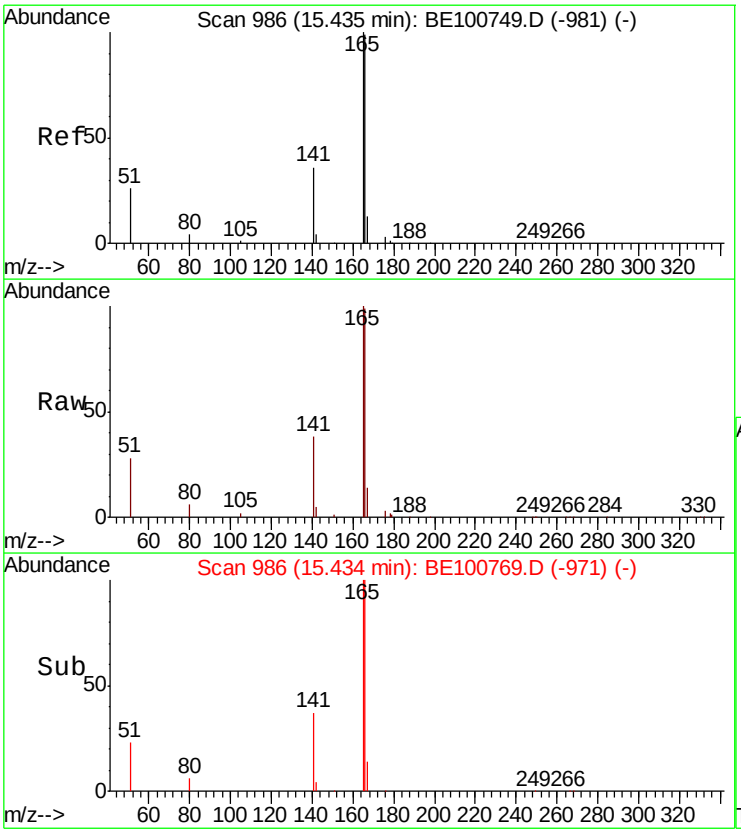
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14997

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.6	137.4
152	57.4	47.0	70.6

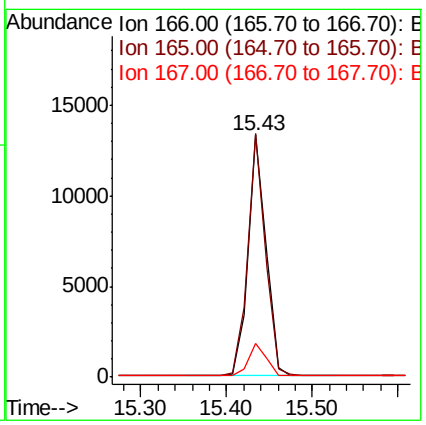


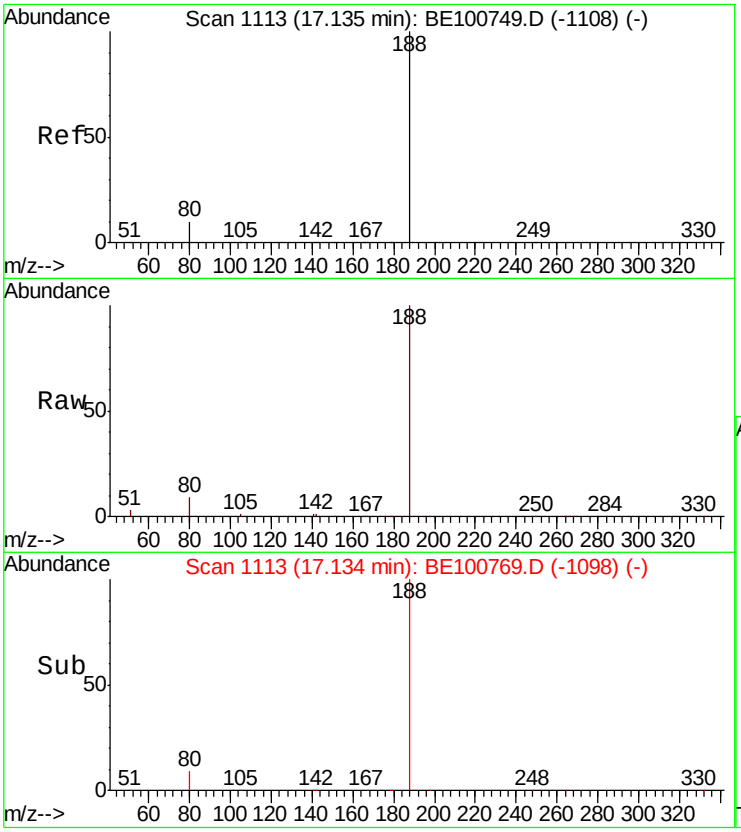


#18
Fluorene
Concen: 0.398 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:166 Resp: 19207

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.2	120.4
167	13.8	11.0	16.4



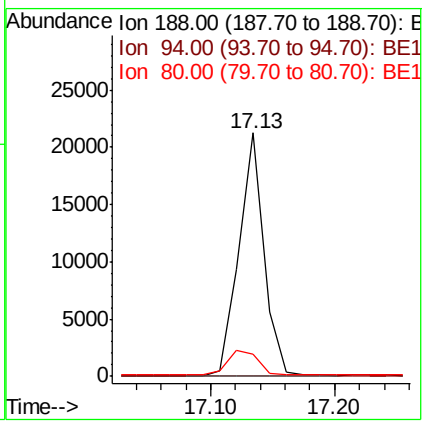


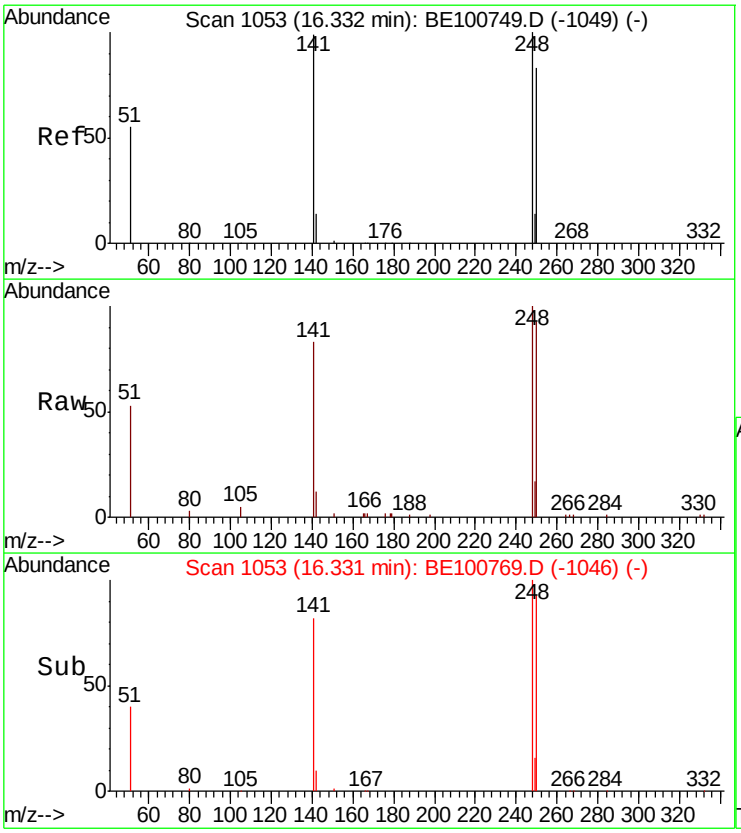
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29669

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	8.2	12.2

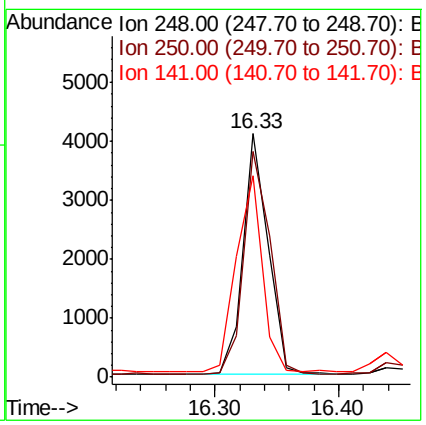


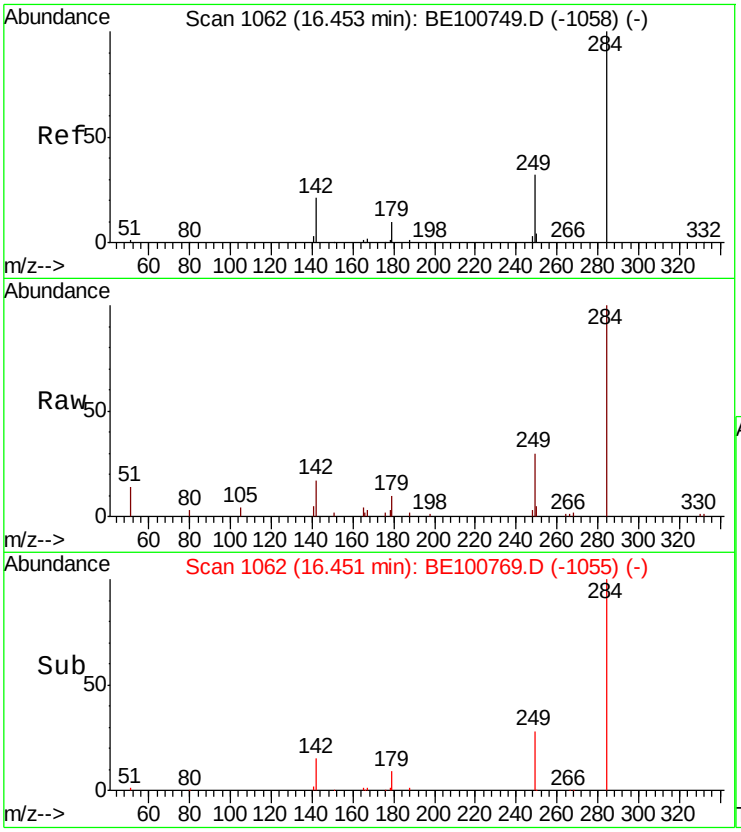


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:248 Resp: 5696

Ion	Ratio	Lower	Upper
248	100		
250	92.8	66.3	99.5
141	82.9	79.6	119.4



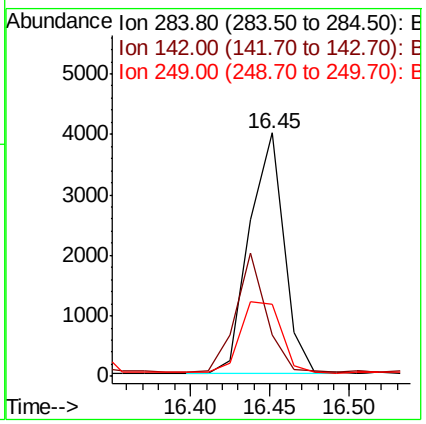


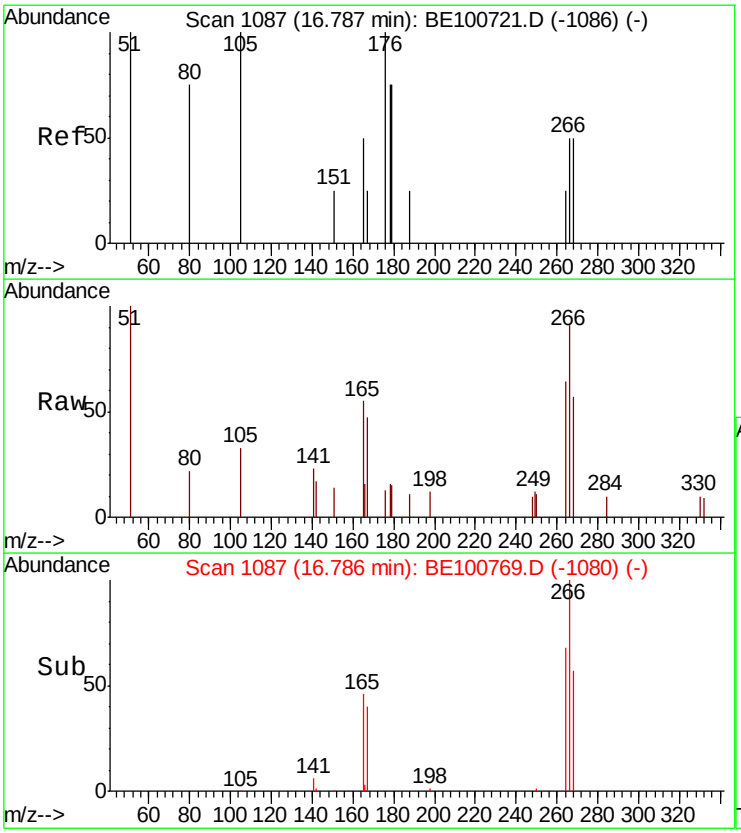
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5952

Ion	Ratio	Lower	Upper
284	100		
142	43.4	34.9	52.3
249	35.3	28.7	43.1

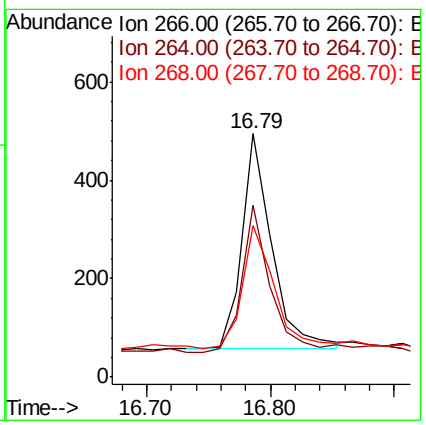


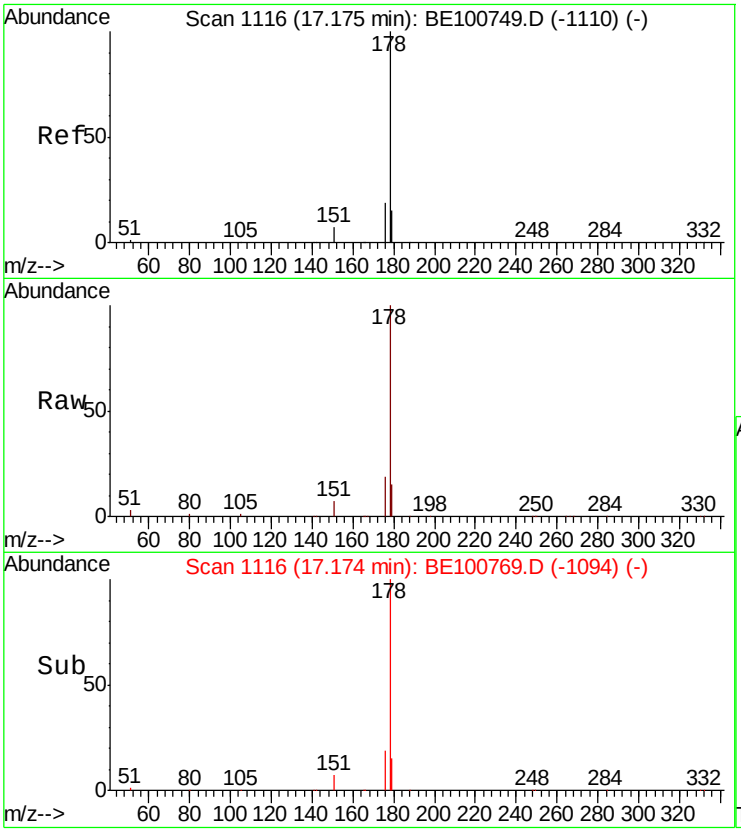


#22
Pentachlorophenol
Concen: 0.375 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:266 Resp: 734

Ion	Ratio	Lower	Upper
266	100		
264	70.5	54.6	82.0
268	62.2	52.6	78.8



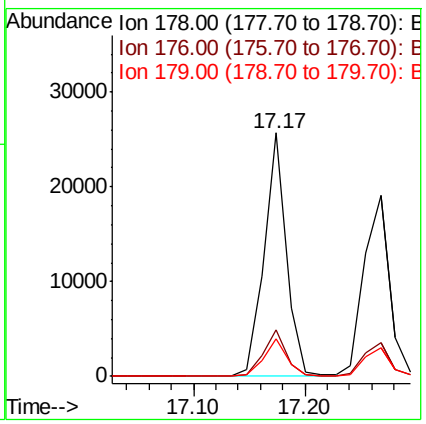


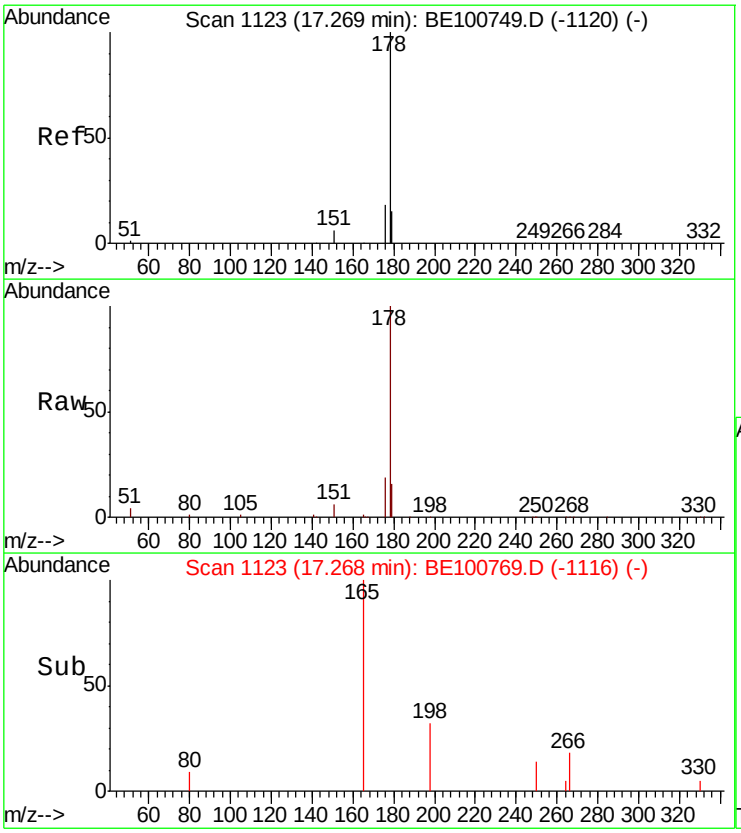
#23
Phenanthrene
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35733

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.5	18.7

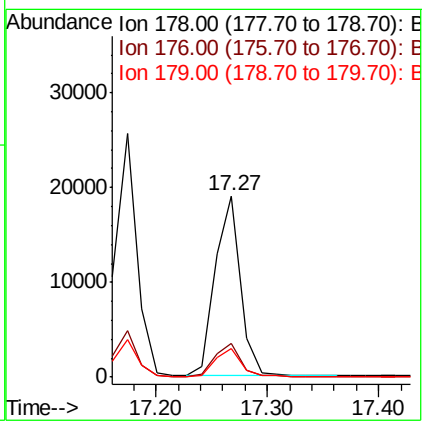


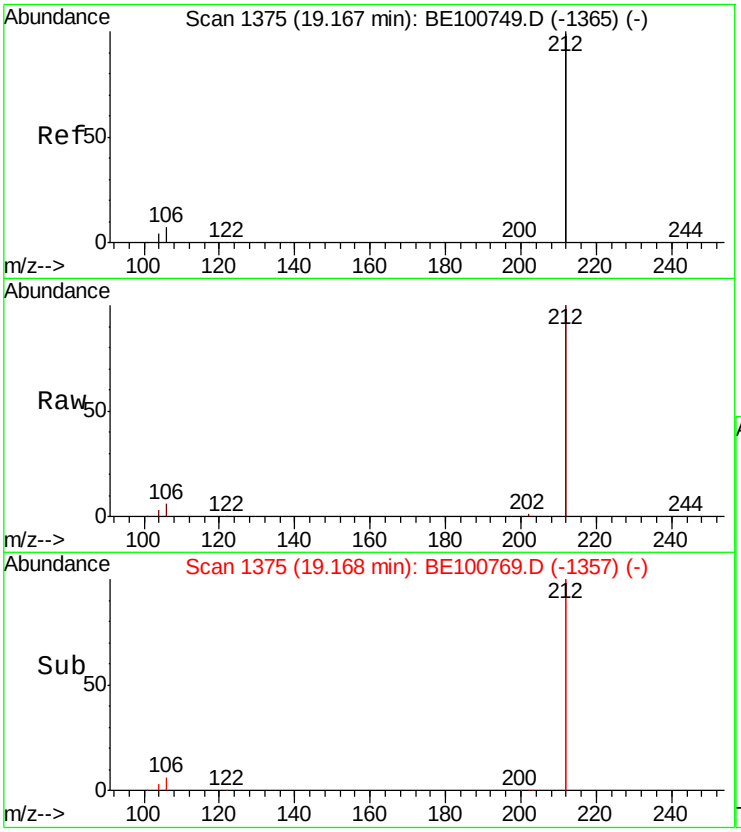


#24
Anthracene
Concen: 0.390 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:178 Resp: 30039

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.4	12.2	18.4



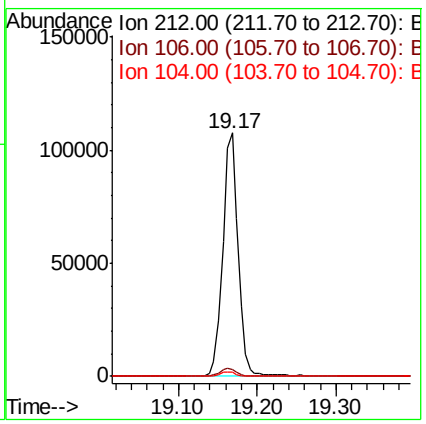


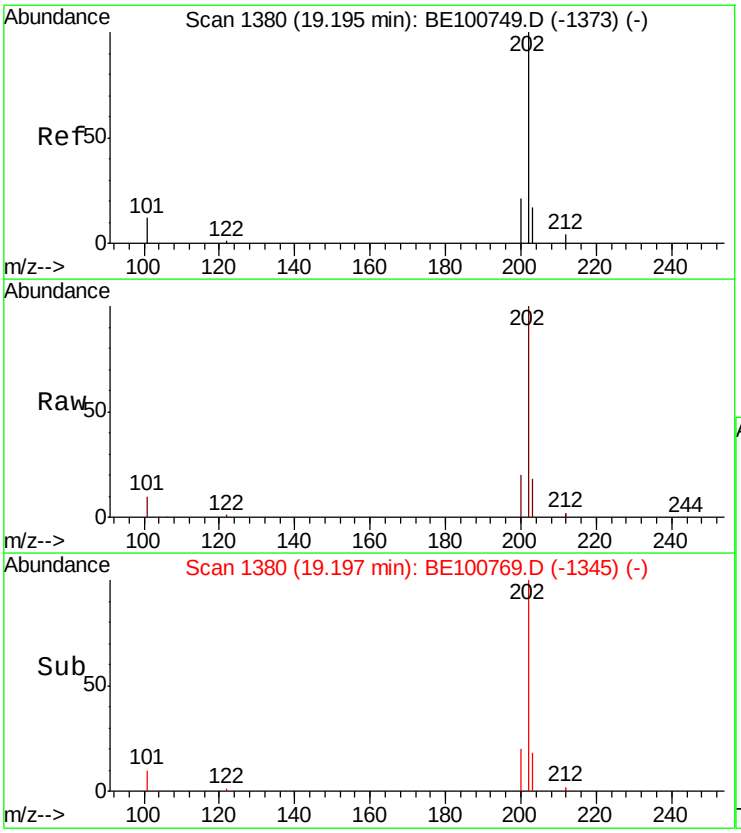
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 143923

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.8	1.5	2.3

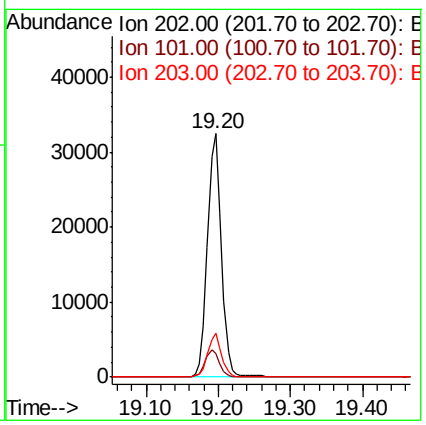


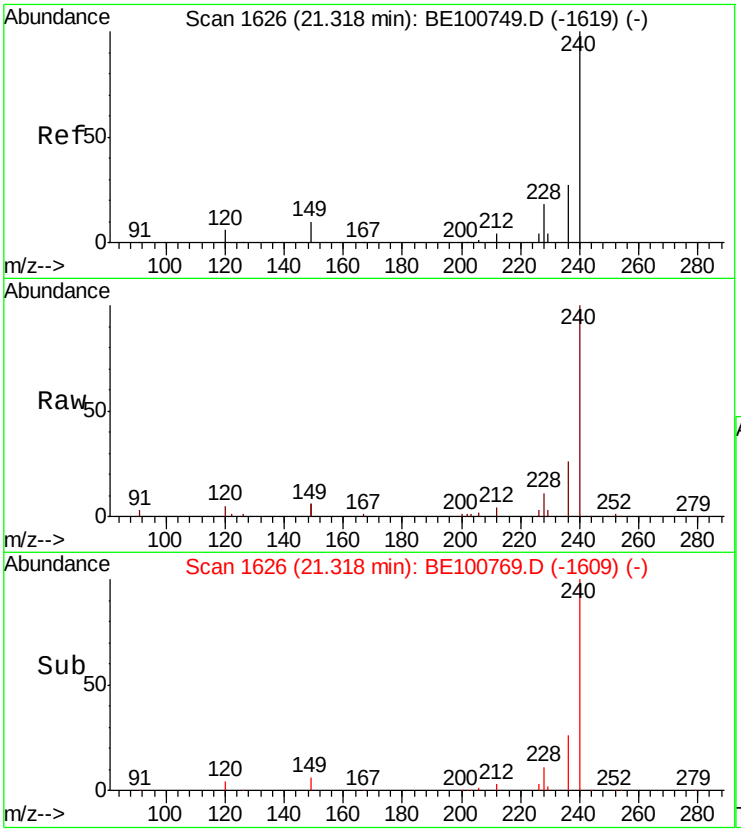


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:202 Resp: 43051

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
203	17.0	13.8	20.8



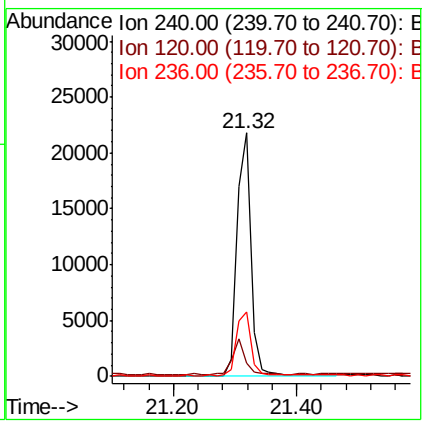


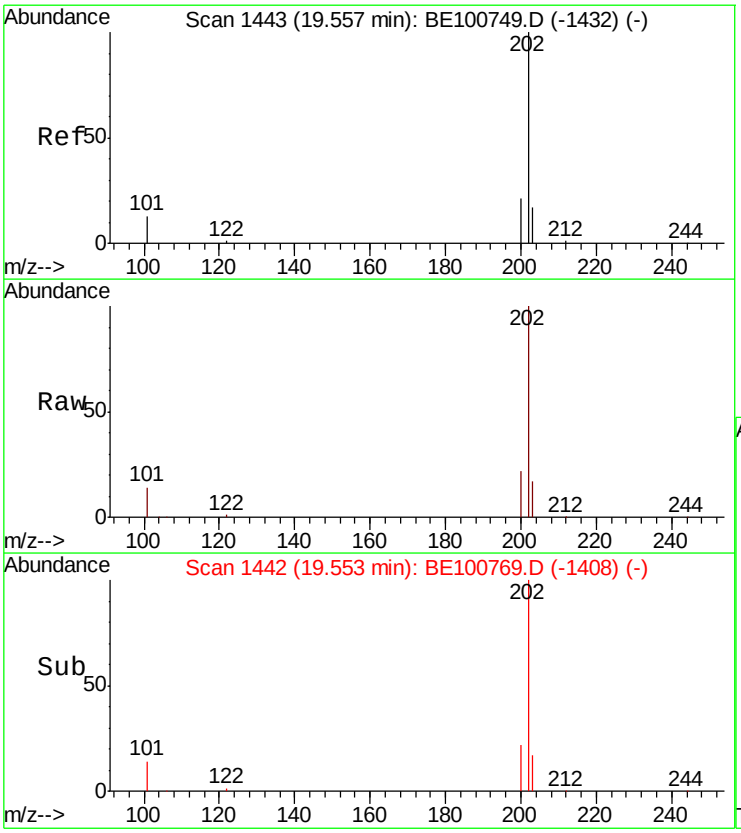
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 33058

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.8	8.8#
236	26.5	21.9	32.9

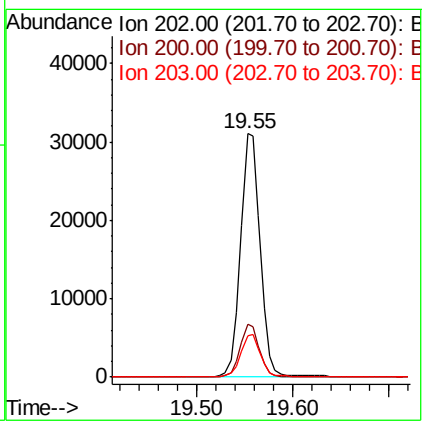


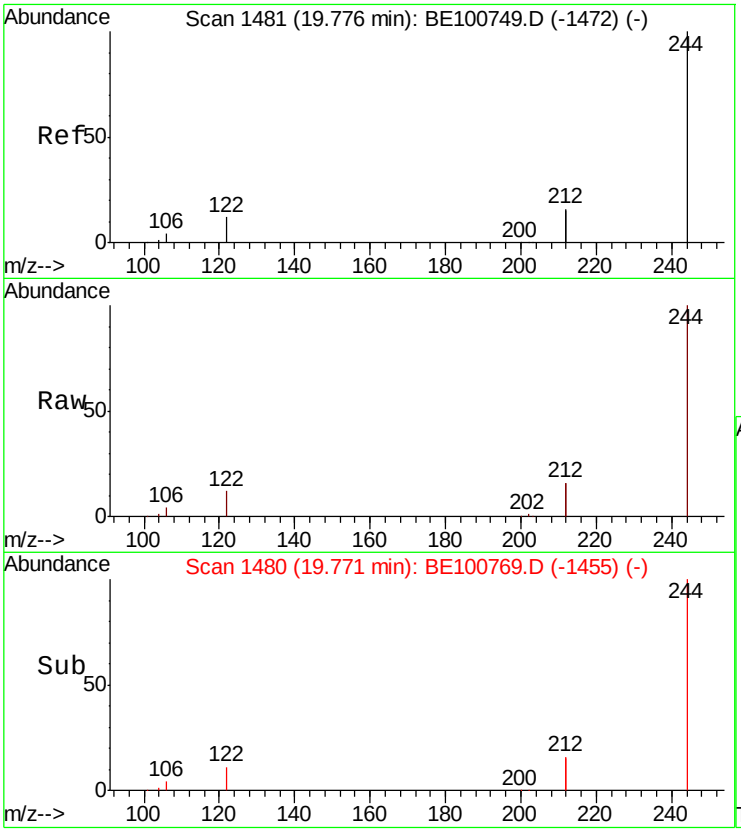


#28
Pyrene
Concen: 0.423 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:202 Resp: 43349

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.4	14.0	21.0



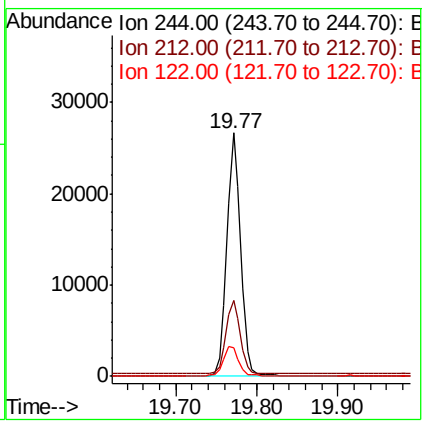


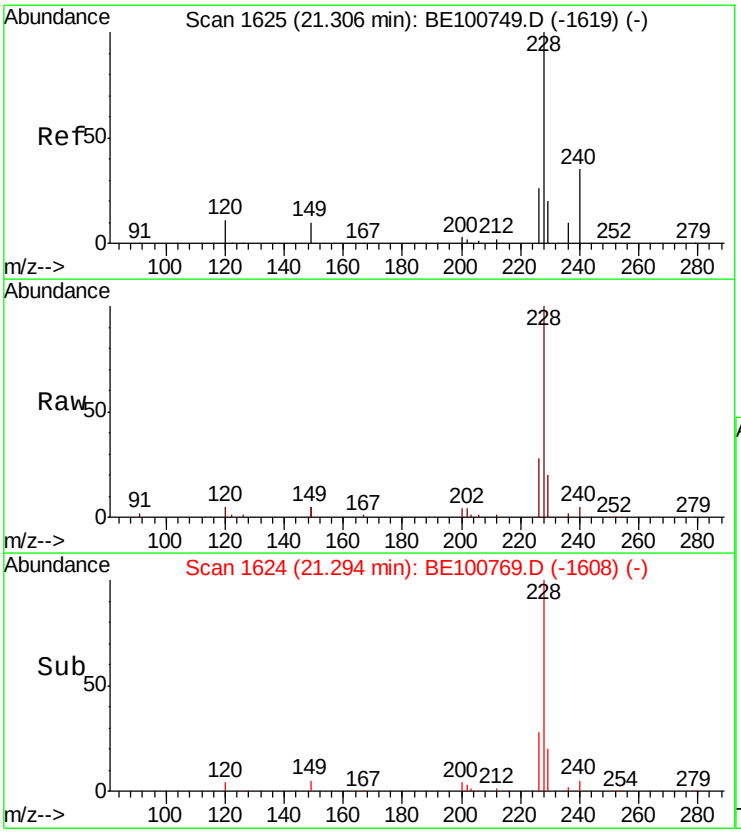
#29
Terphenyl-d14
Concen: 0.409 ng
RT: 19.77 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31101

Ion	Ratio	Lower	Upper
244	100		
212	31.4	25.2	37.8
122	11.9	9.8	14.6

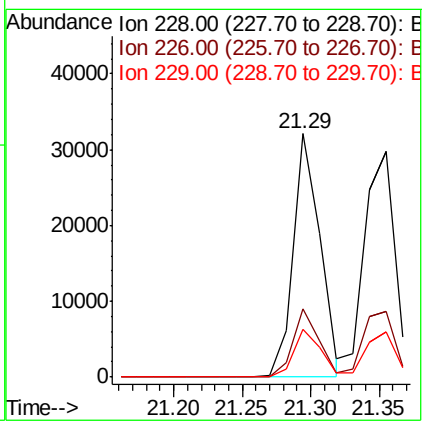


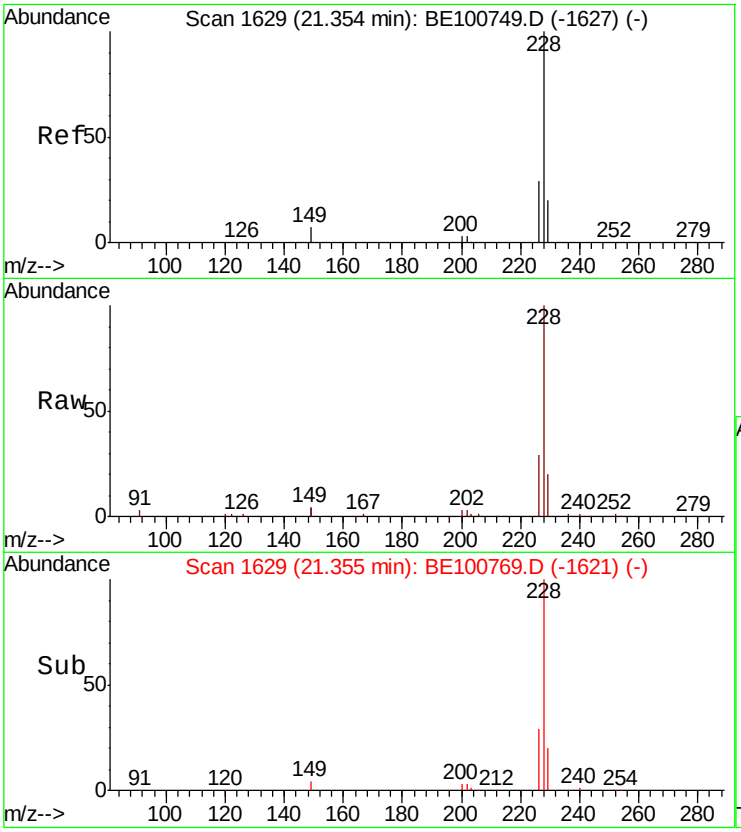


#30
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:228 Resp: 43148

Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.7	31.1
229	19.9	16.2	24.2



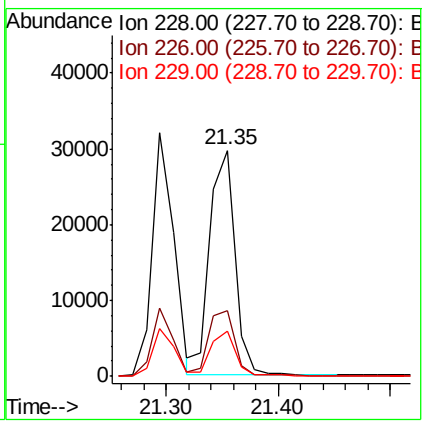


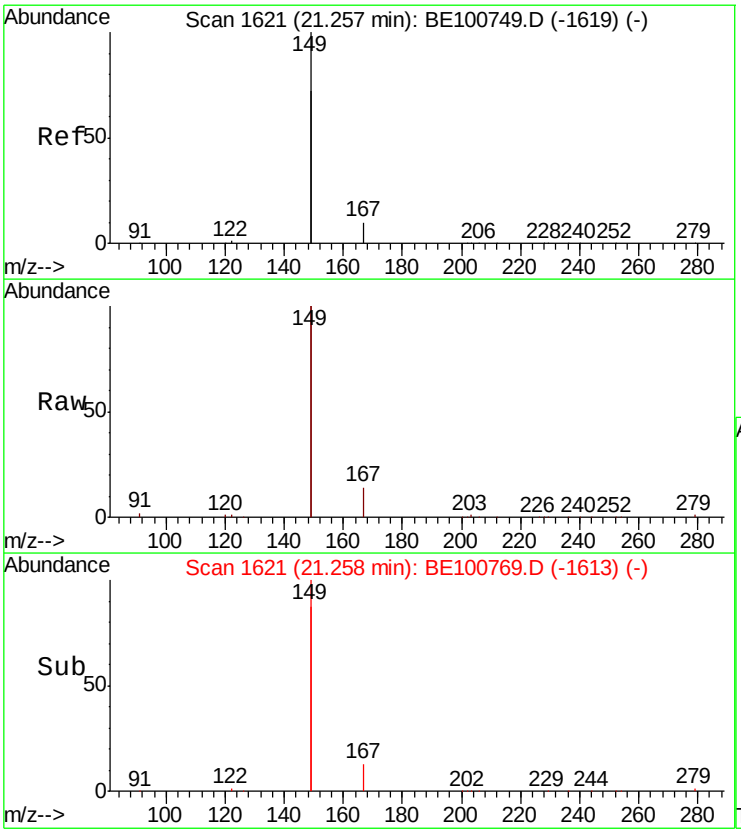
#31
Chrysene
Concen: 0.405 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 45904

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	20.2	15.9	23.9

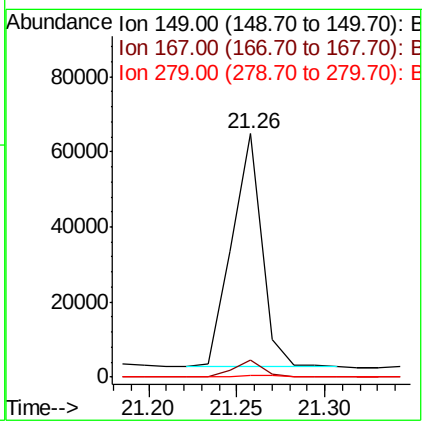


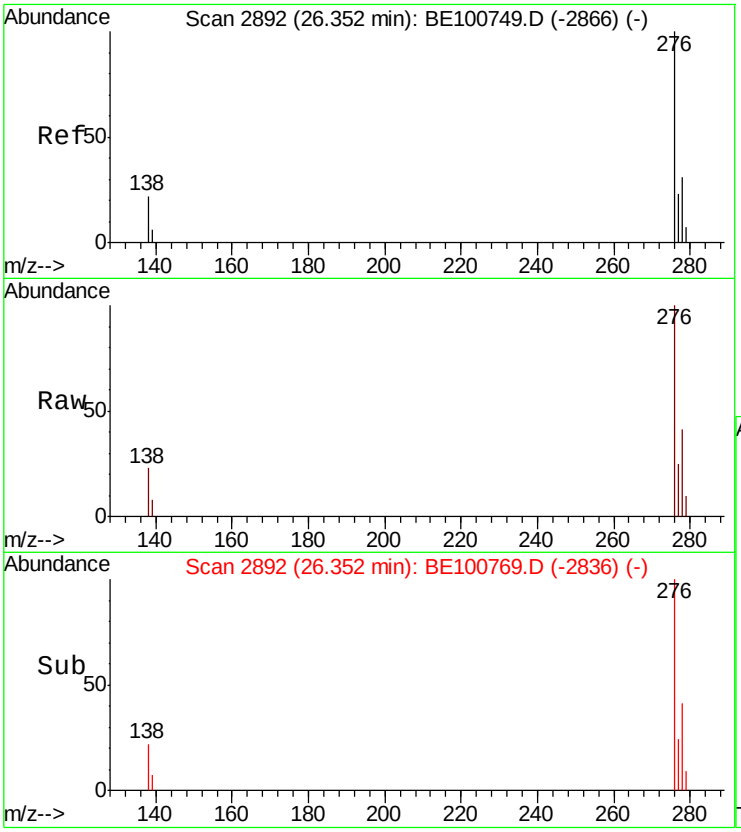


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.491 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:149 Resp: 74352

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	0.8	0.7	1.1



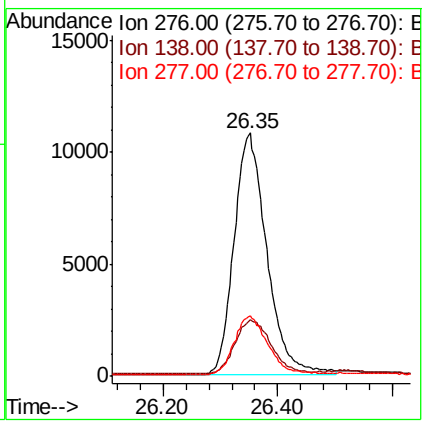


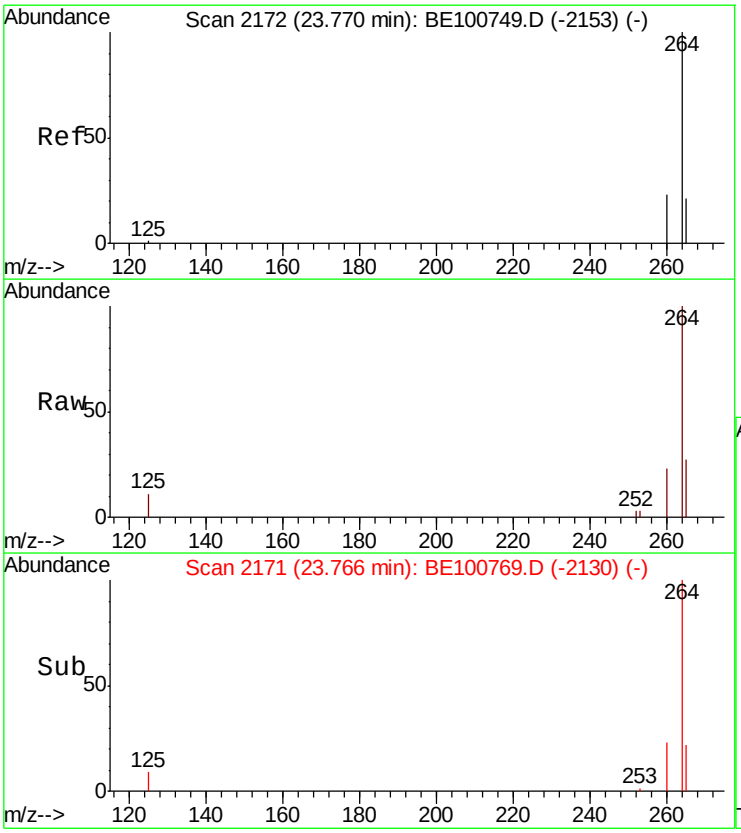
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 26.35 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43133

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.6
277	24.3	19.7	29.5

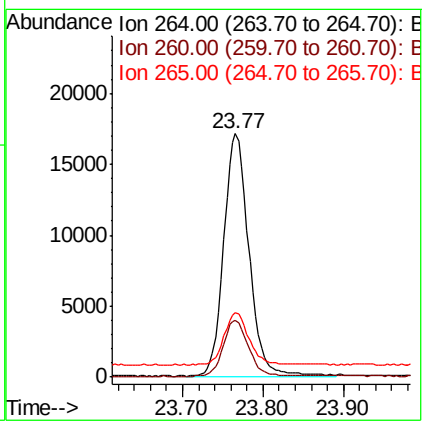


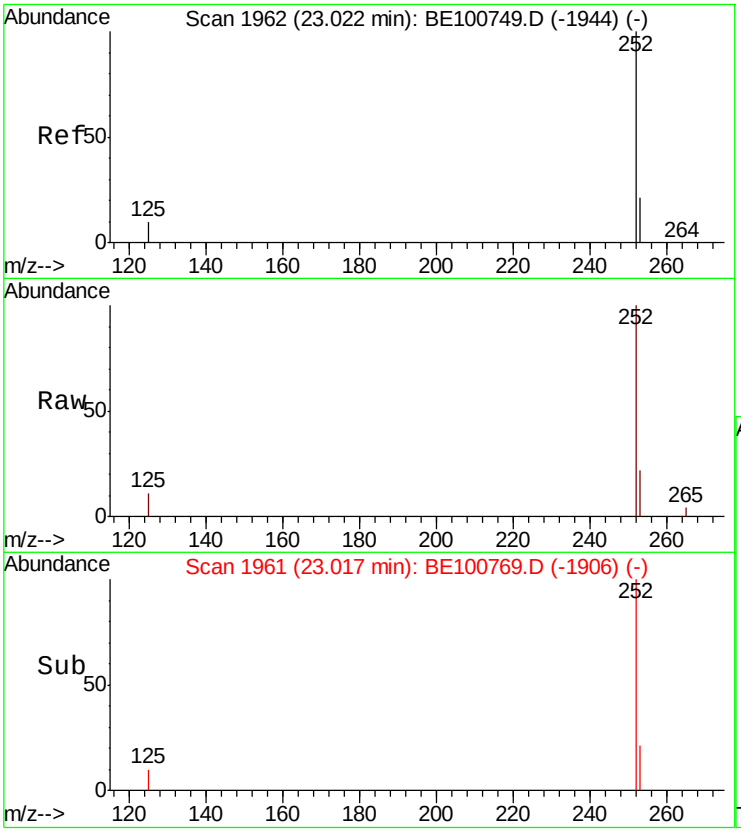


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:264 Resp: 37061

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	26.7	22.4	33.6



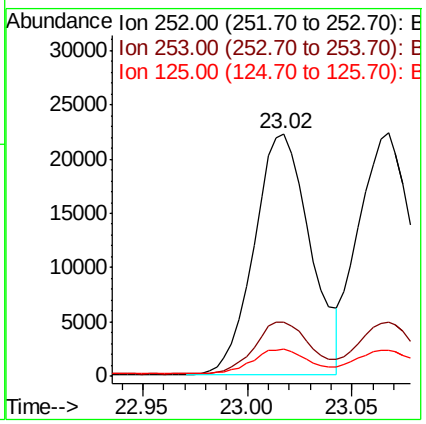


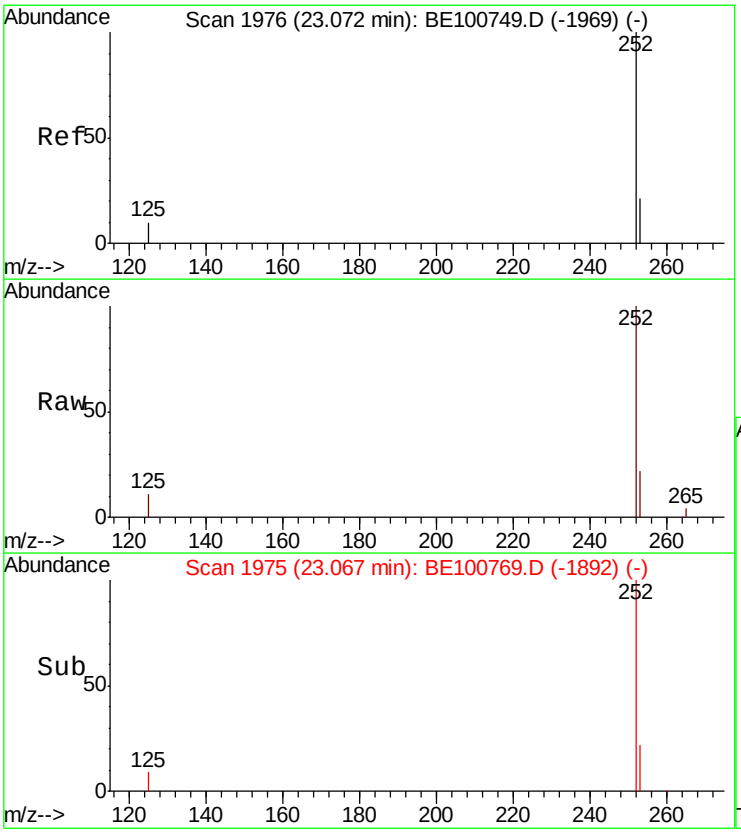
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 41287

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.2	9.1	13.7

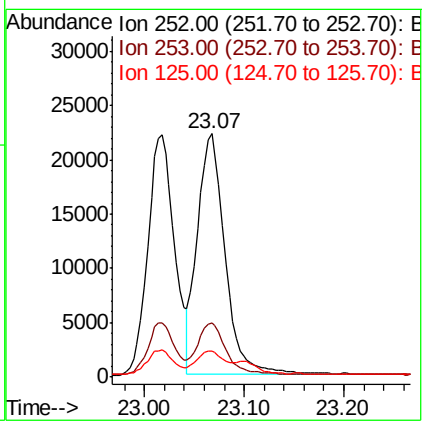


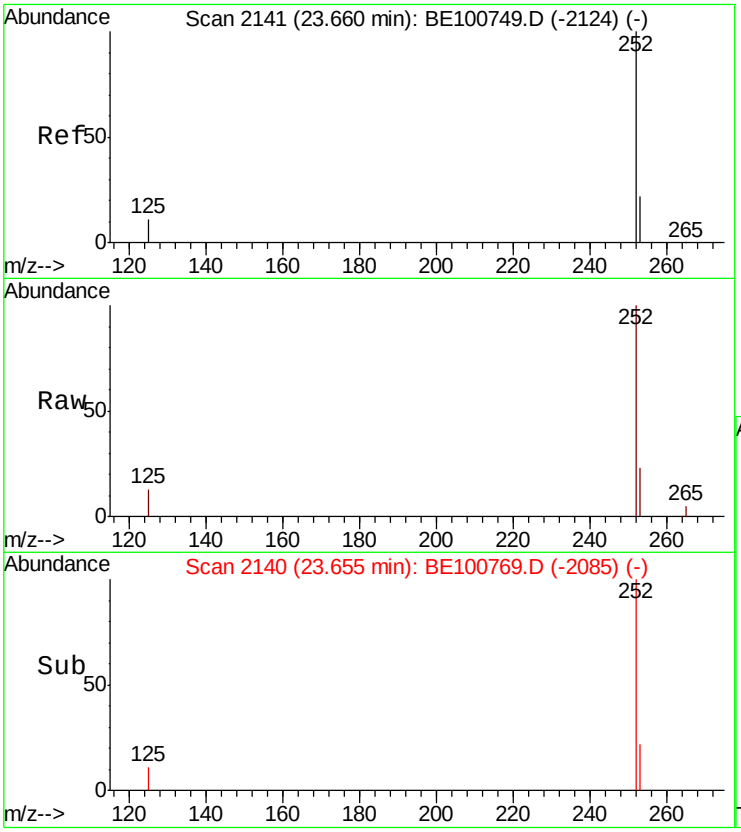


#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:252 Resp: 42766

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.6	9.0	13.4



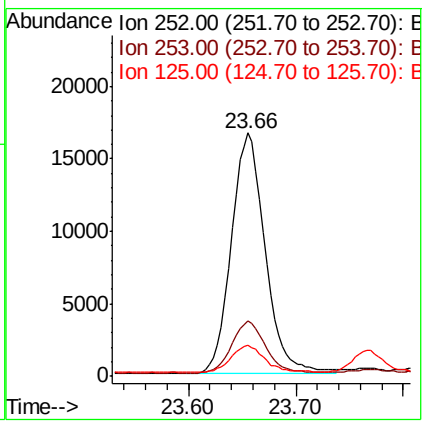


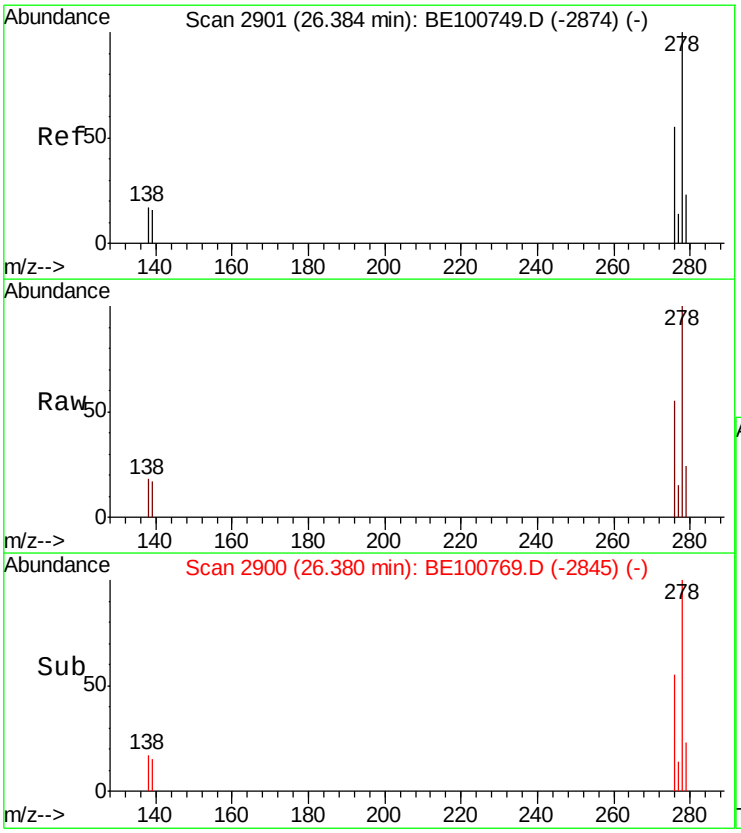
#37
Benzo(a)pyrene
Concen: 0.353 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36232

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	12.6	10.5	15.7

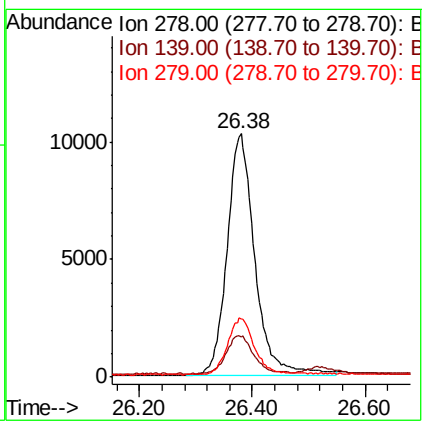


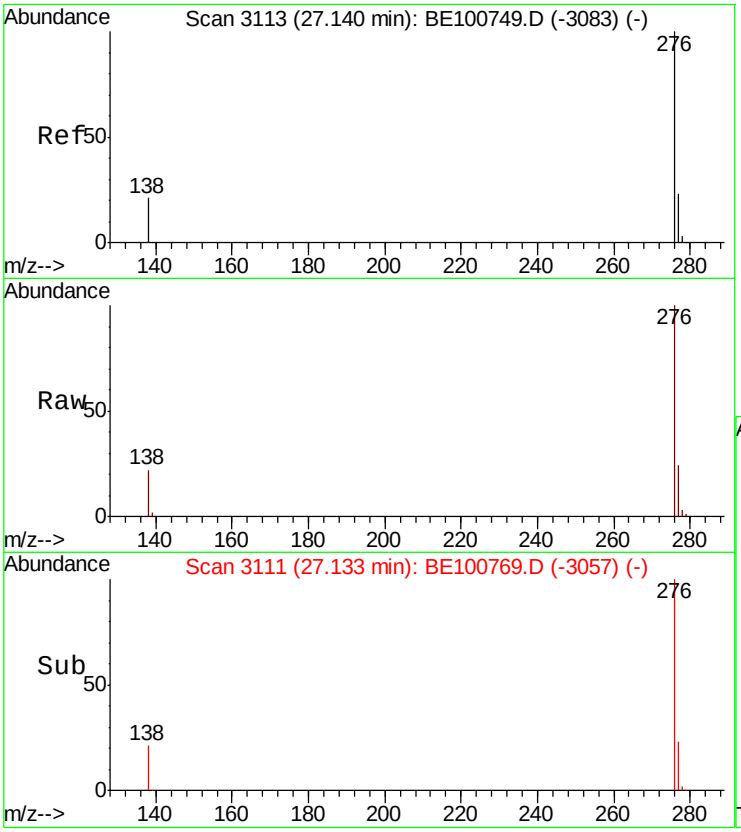


#38
Dibenzo(a,h)anthracene
Concen: 0.325 ng
RT: 26.38 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Tgt Ion:278 Resp: 35015

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.2	19.8
279	24.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 27.13 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36764

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	22.5	17.8	26.8