Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100749.D
Acq On : 21 Nov 2019 17:51
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Nov 22 01:47:52 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 01:43:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	4914	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	20937	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	11180	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	24693	0.40	ng		0.00
27) Chrysene-d12	21.32	240	29499	0.40	ng		0.00
34) Perylene-d12	23.77	264	28897	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	5212	0.36	ng		0.00
5) Phenol-d6	6.93	99	7451	0.37	ng		0.00
8) Nitrobenzene-d5	8.90	82	2310	0.13	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	11952	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	561	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	17432	0.43	ng		0.00
25) Fluoranthene-d10	19.17	212	117495	0.36	ng		0.00
29) Terphenyl-d14	19.78	244	26638	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3669	0.428	ng		93
3) n-Nitrosodimethylamine	3.66	42	2319	0.273	ng	#	76
6) bis(2-Chloroethyl)ether	7.19	93	5941	0.335	ng		100
9) Naphthalene	10.59	128	90553	0.417	ng		100
10) Hexachlorobutadiene	10.90	225	3419	0.341	ng		100
12) 2-Methylnaphthalene	12.22	142	13877	0.375	ng		100
16) Acenaphthylene	14.13	152	18205	0.403	ng		100
17) Acenaphthene	14.47	154	12612	0.425	ng		99
18) Fluorene	15.44	166	15963	0.393	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	4836	0.371	ng		100
21) Hexachlorobenzene	16.45	284	5106	0.403	ng		100
23) Phenanthrene	17.18	178	29810	0.443	ng		100
24) Anthracene	17.27	178	24142	0.402	ng		100
26) Fluoranthene	19.20	202	35182	0.391	ng		100
28) Pyrene	19.56	202	35517	0.433	ng		100
30) Benzo(a)anthracene	21.31	228	39144	0.414	ng		100
31) Chrysene	21.35	228	40648	0.423	ng		100
32) Bis(2-ethylhexyl)phthalate	21.26	149	50026	0.298	ng		99
33) Indeno(1,2,3-cd)pyrene	26.35	276	36368	0.323	ng		100
35) Benzo(b)fluoranthene	23.02	252	36126	0.428	ng		100
36) Benzo(k)fluoranthene	23.07	252	36854	0.417	ng		100
37) Benzo(a)pyrene	23.66	252	30795	0.392	ng		100
38) Dibenzo(a,h)anthracene	26.38	278	30352	0.370	ng		100
39) Benzo(g,h,i)perylene	27.14	276	31934	0.397	ng		100

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

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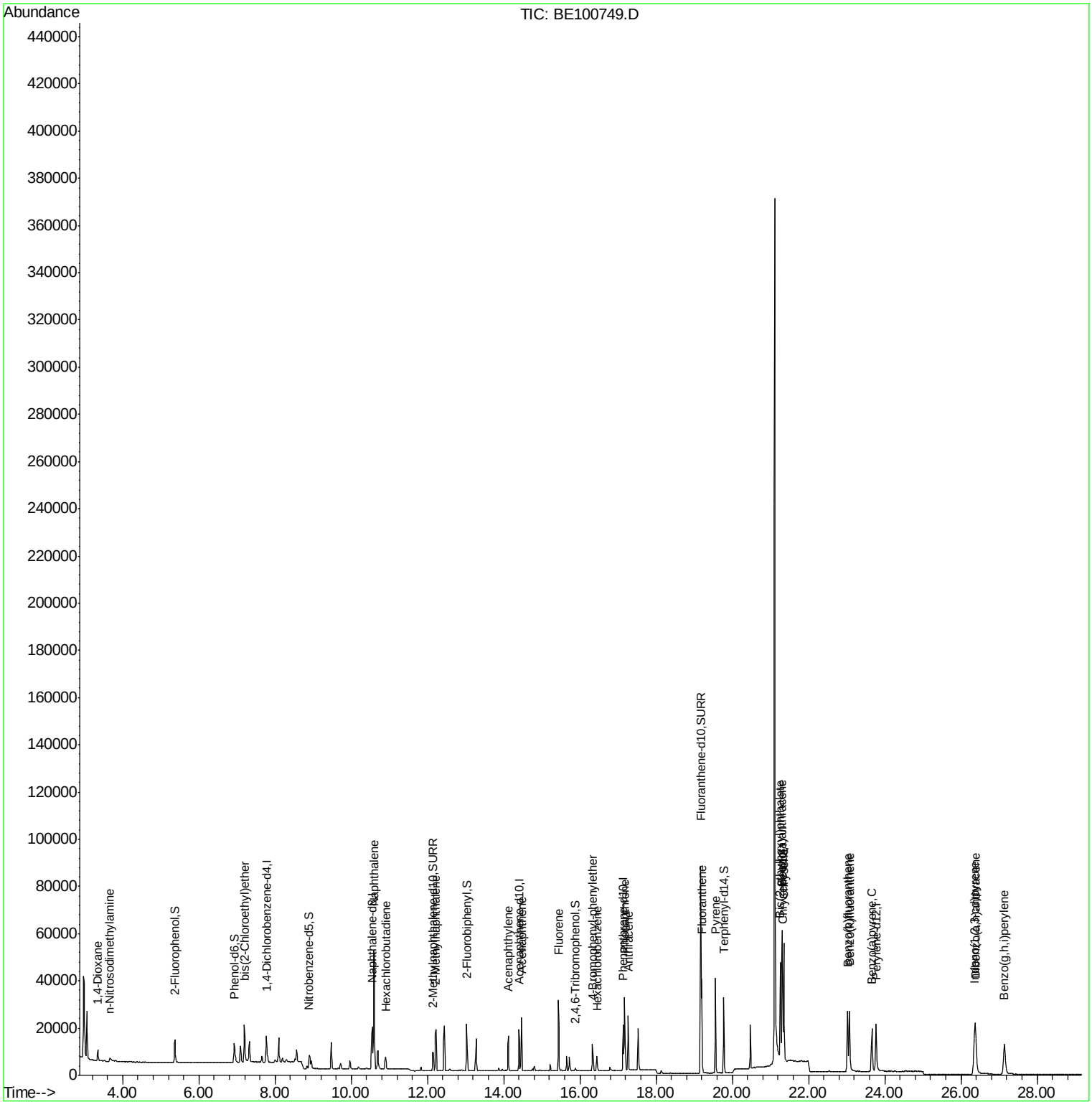
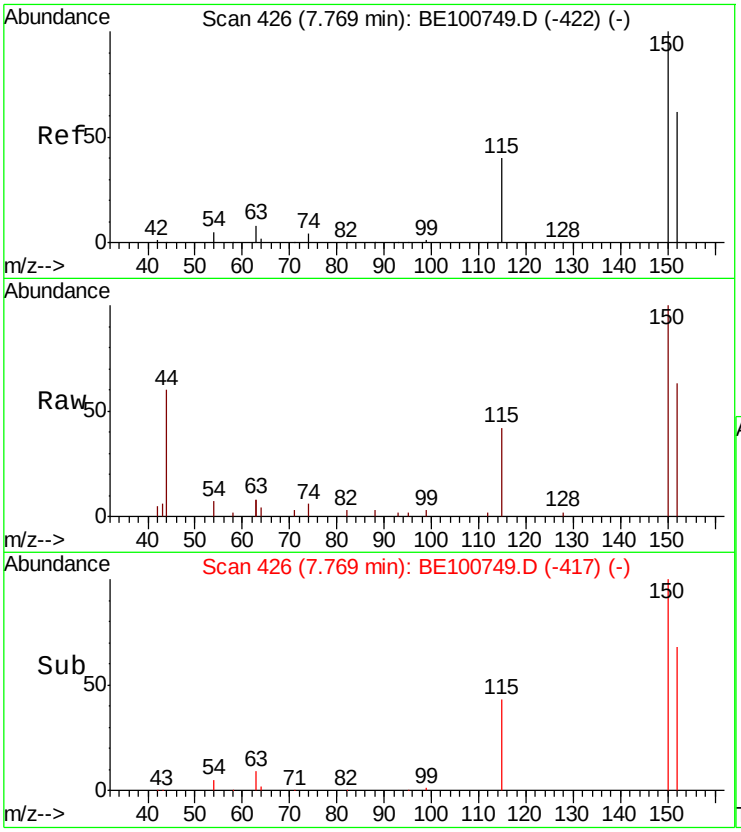
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100749.D
Acq On : 21 Nov 2019 17:51
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 22 01:47:52 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 01:43:03 2019
Response via : Initial Calibration



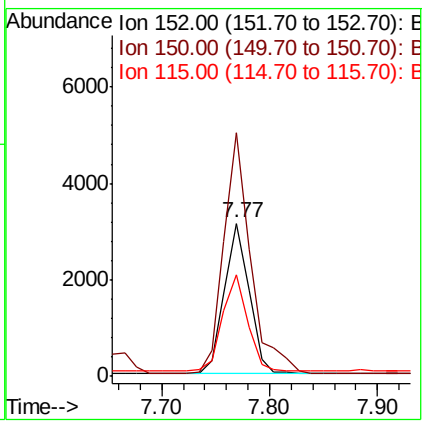


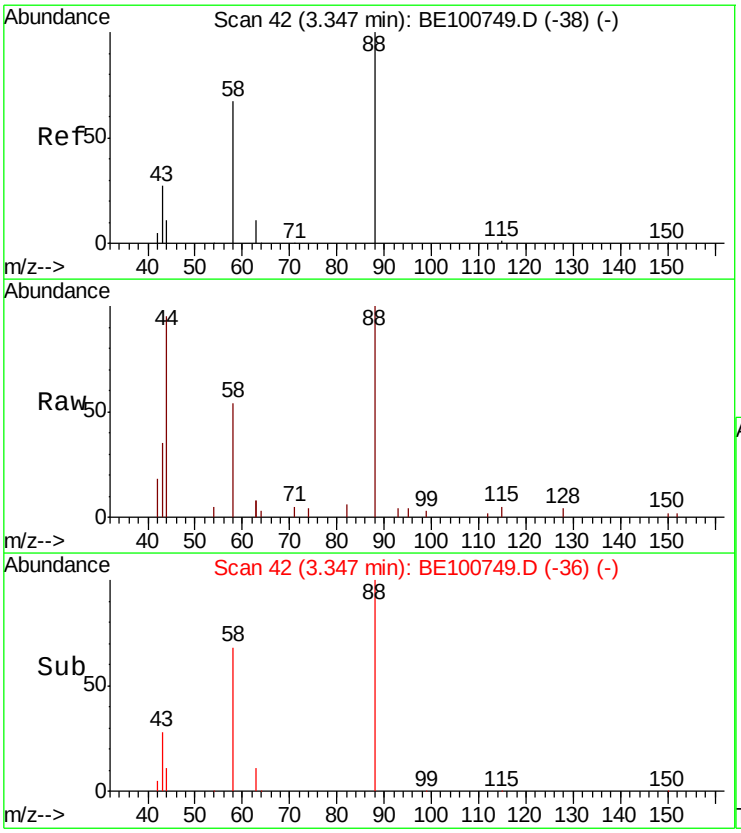
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4914

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.1	190.7
115	66.2	53.0	79.4

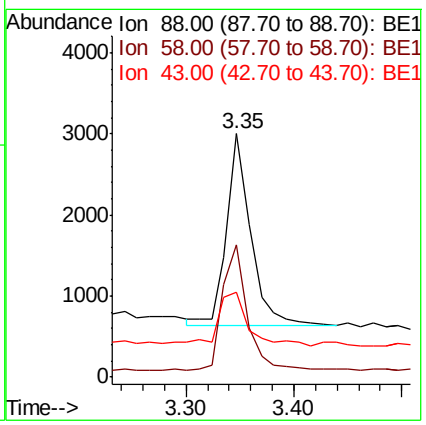


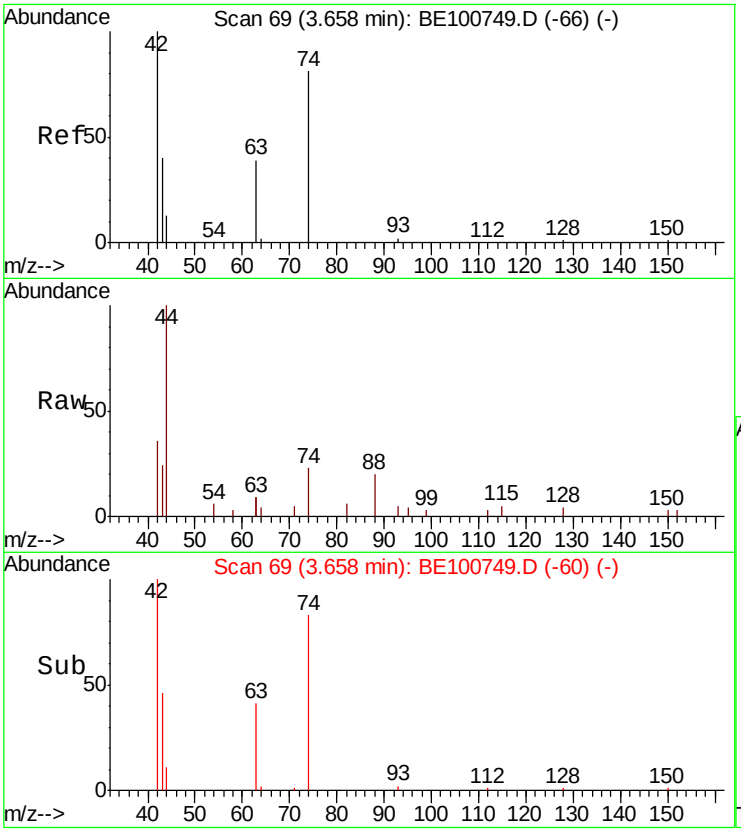


#2
1,4-Dioxane
Concen: 0.428 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion: 88 Resp: 3669

Ion	Ratio	Lower	Upper
88	100		
58	66.9	60.7	91.1
43	33.9	27.4	41.2



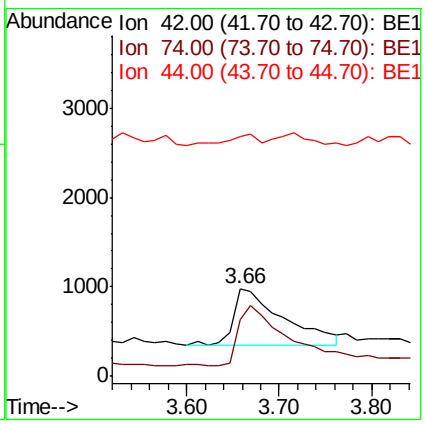


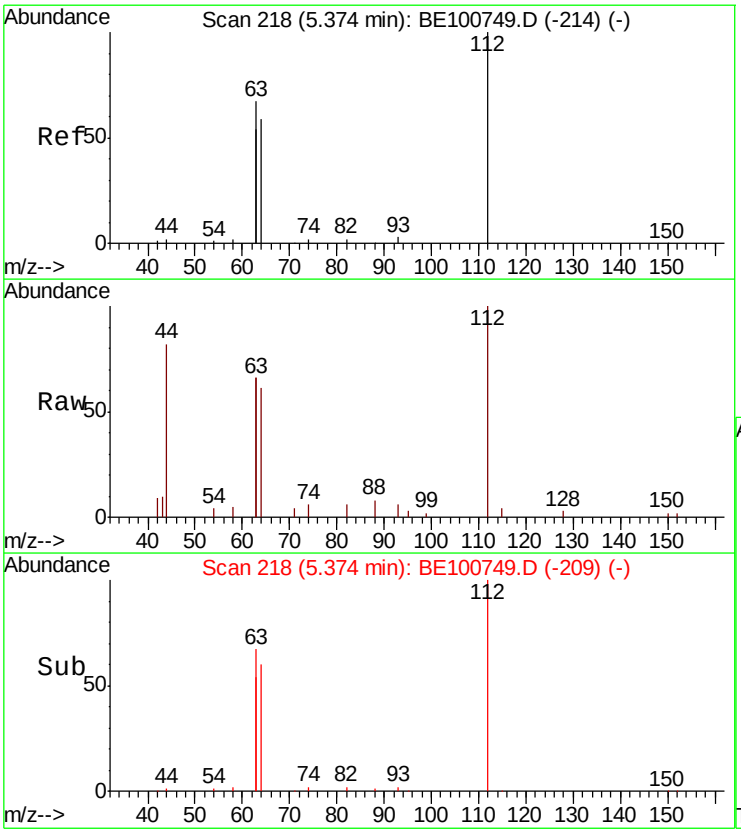
#3
n-Nitrosodimethylamine
Concen: 0.273 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 2319

Ion	Ratio	Lower	Upper
42	100		
74	102.5	0.0	0.0#
44	13.2	4.2	6.4#

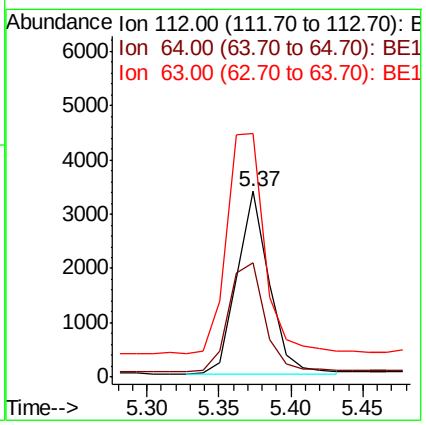


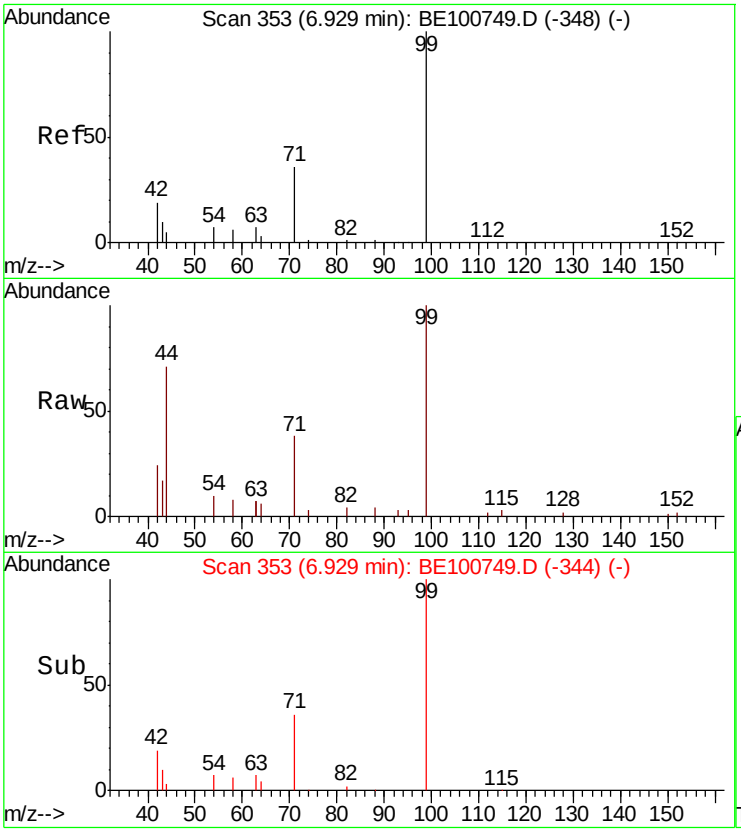


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:112 Resp: 5212

Ion	Ratio	Lower	Upper
112	100		
64	68.1	54.3	81.5
63	142.9	114.0	171.0



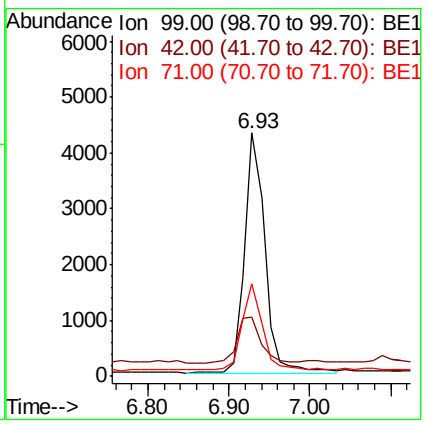


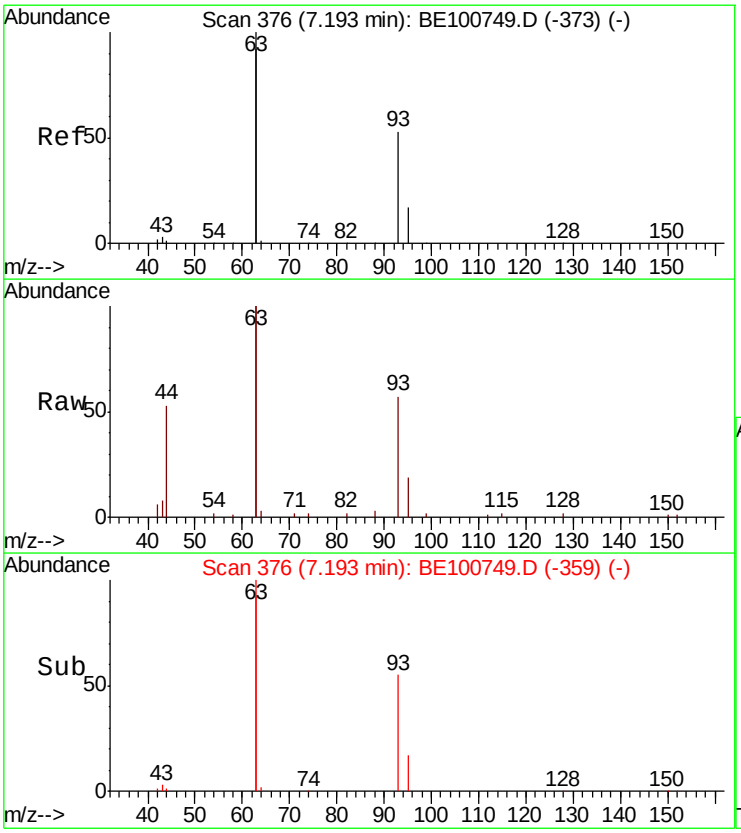
#5
Phenol-d6
Concen: 0.367 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 7451

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	36.1	29.3	43.9

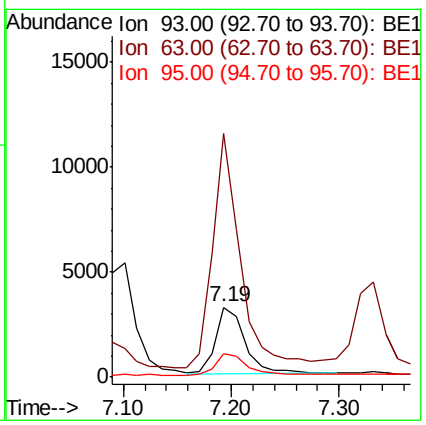


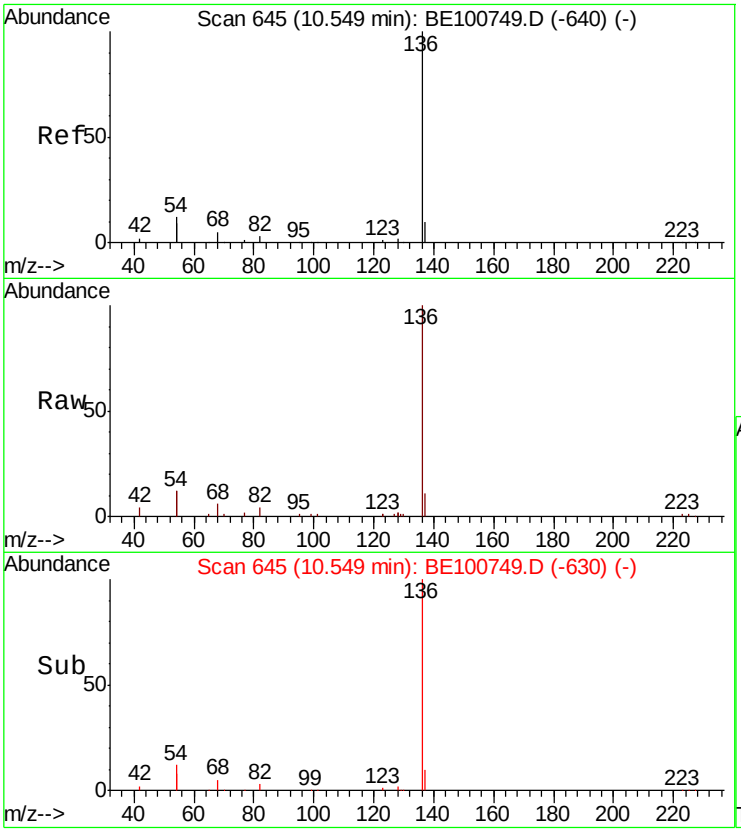


#6
bis(2-Chloroethyl)ether
Concen: 0.335 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion: 93 Resp: 5941

Ion	Ratio	Lower	Upper
93	100		
63	333.8	267.0	400.6
95	32.8	26.2	39.4



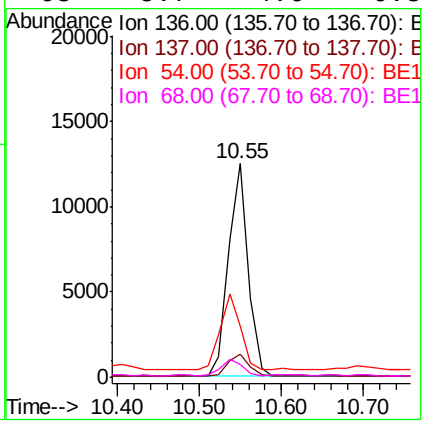


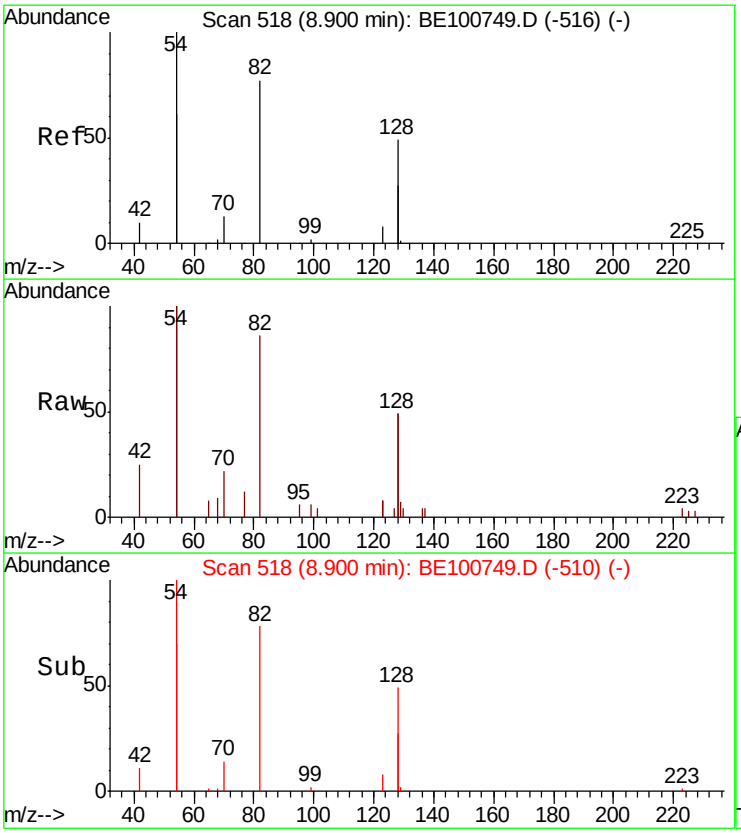
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 20937

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	24.2	19.4	29.0
68	5.7	4.6	6.8

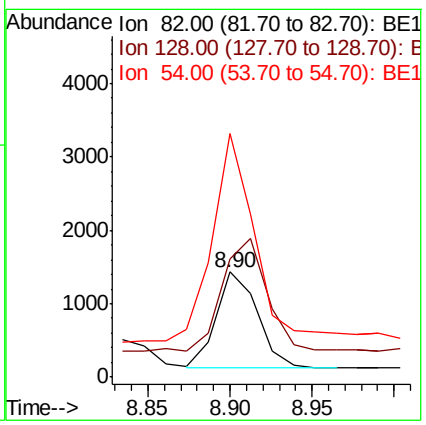


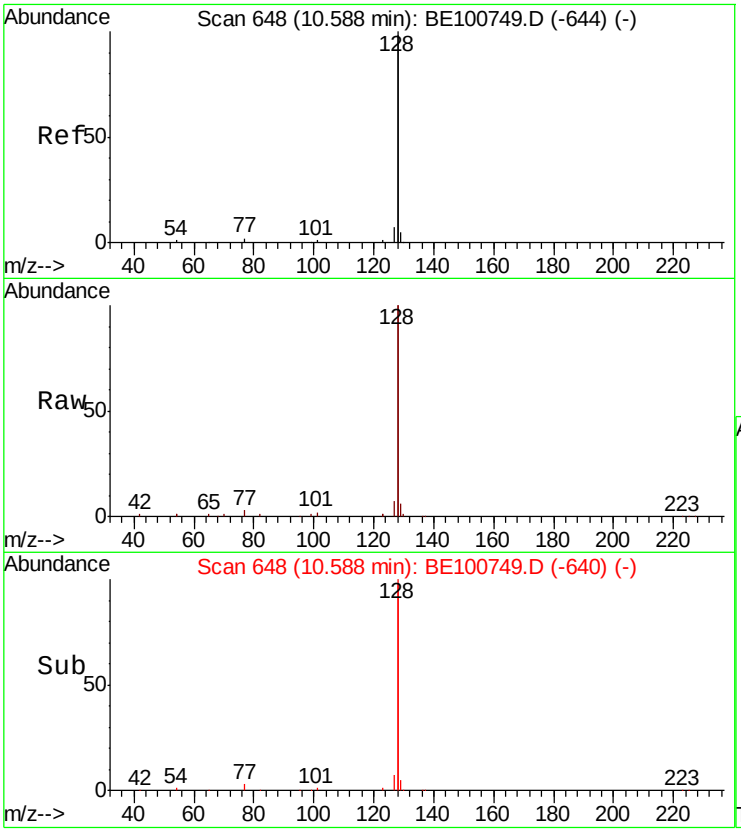


#8
Nitrobenzene-d5
Concen: 0.130 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion: 82 Resp: 2310

Ion	Ratio	Lower	Upper
82	100		
128	112.8	90.2	135.4
54	232.5	186.0	279.0



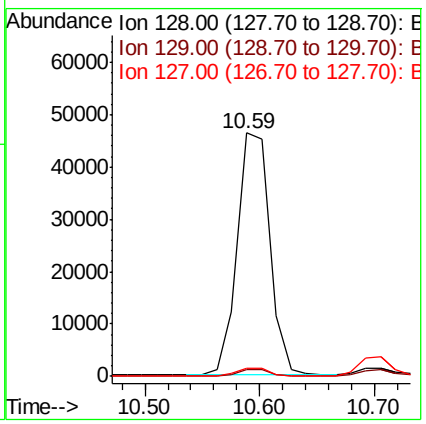


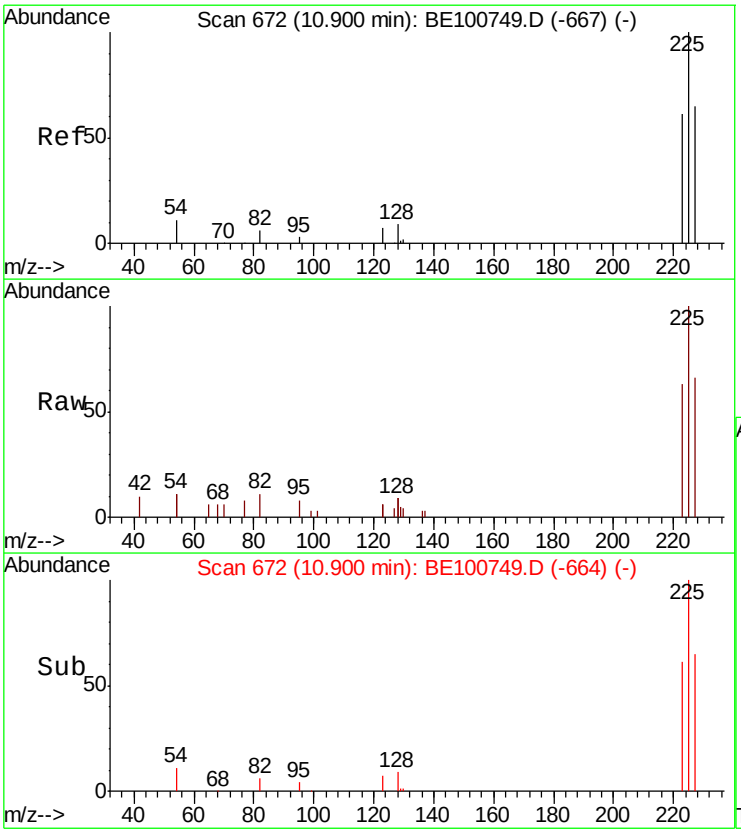
#9
Naphthalene
Concen: 0.417 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 90553

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

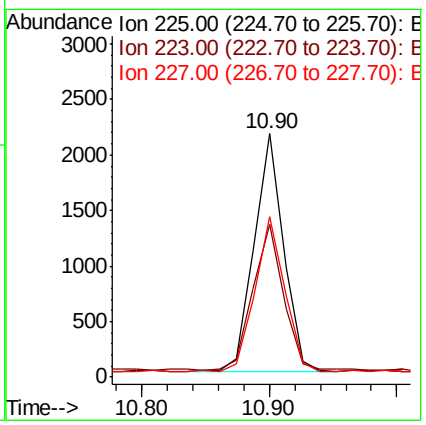


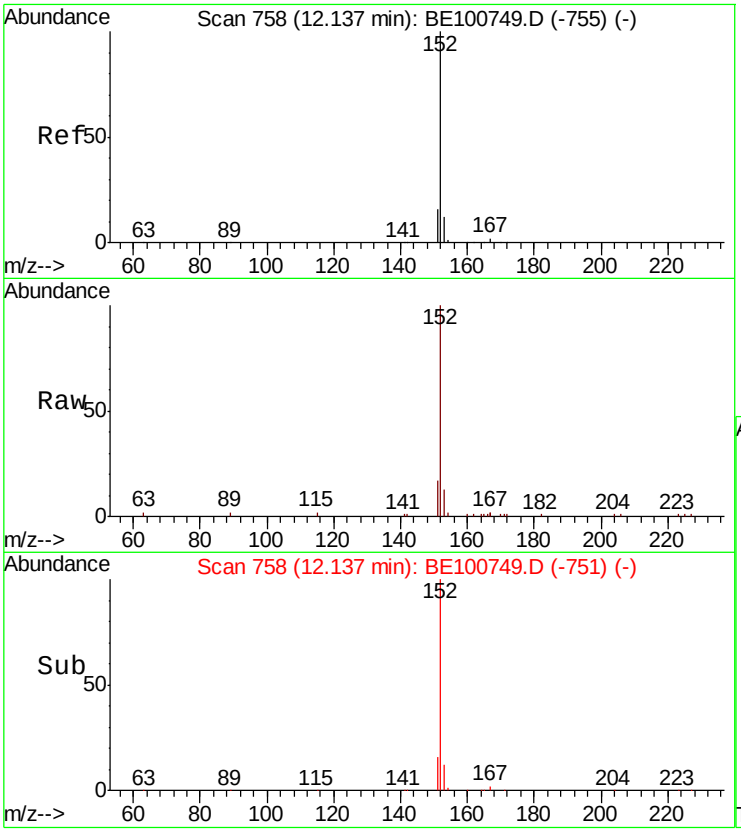


#10
Hexachlorobutadiene
Concen: 0.341 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:225 Resp: 3419

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.0	52.0	78.0



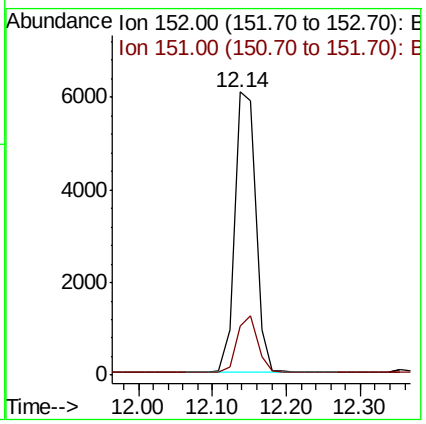


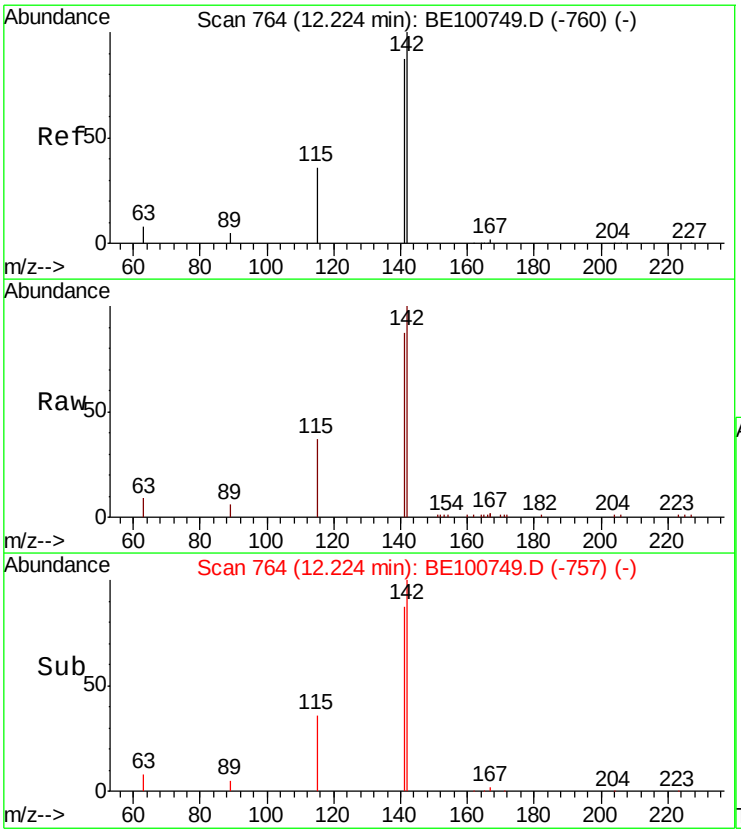
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 11952

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8

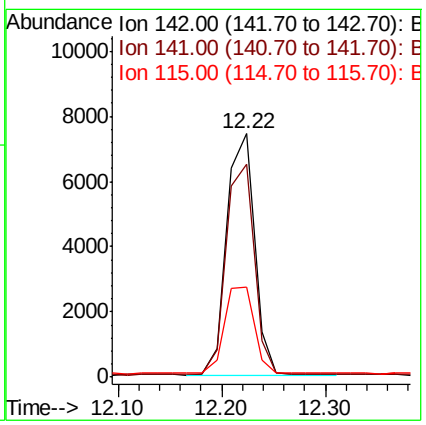


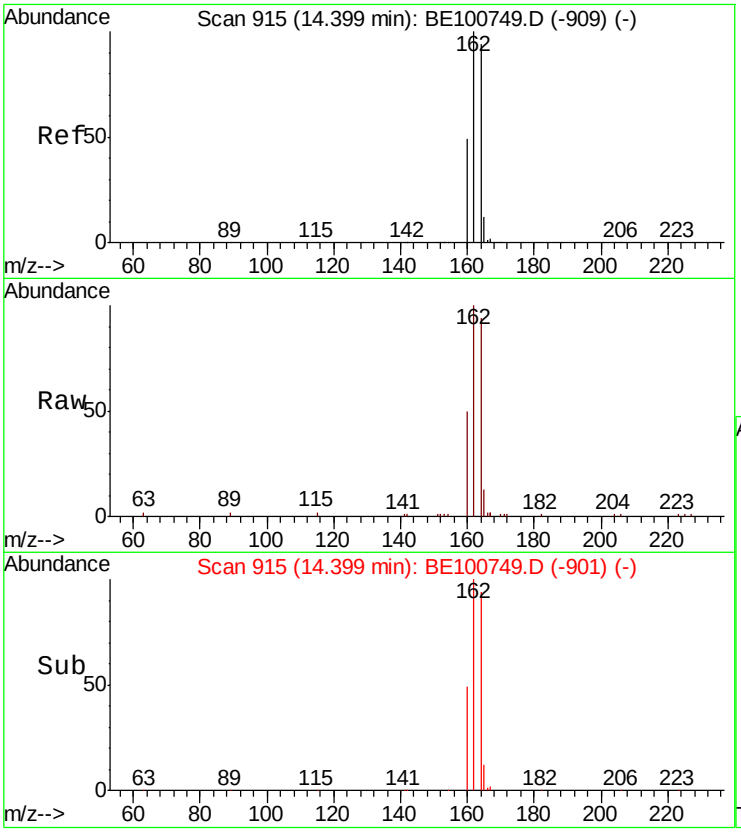


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:142 Resp: 13877

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9
115	36.9	29.5	44.3



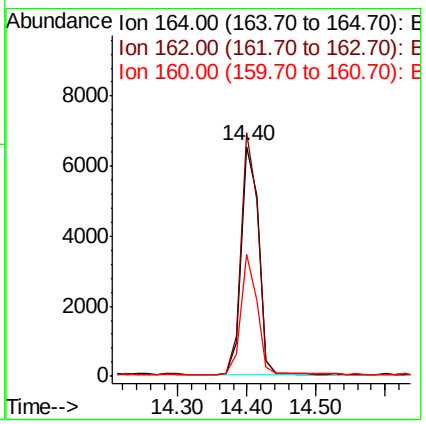


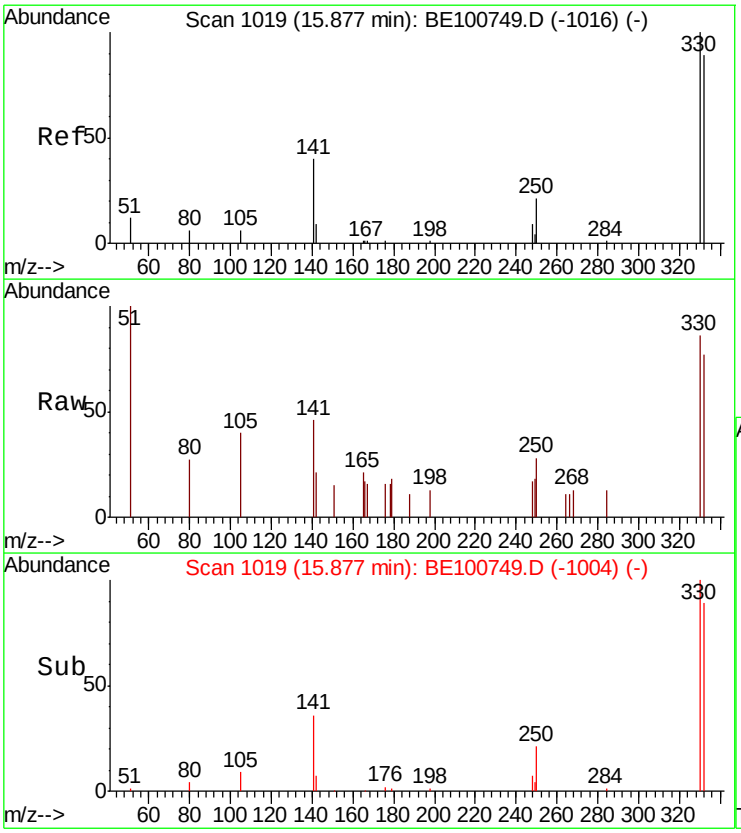
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 11180

Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.8	127.2
160	52.9	42.3	63.5

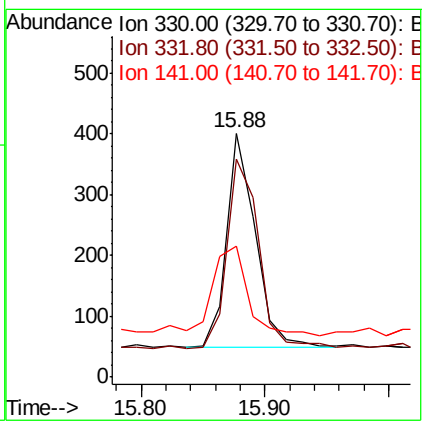


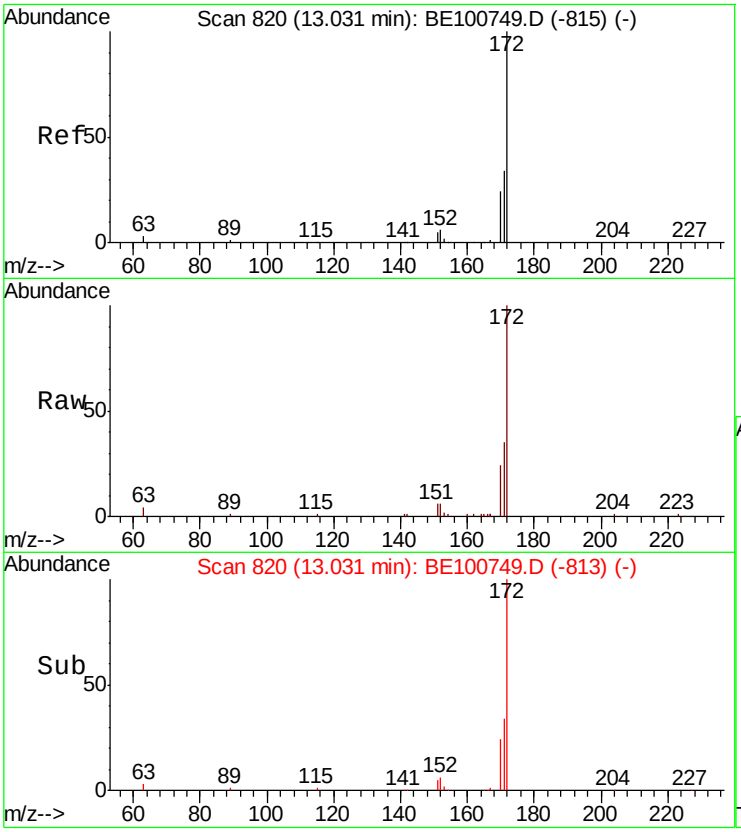


#14
2,4,6-Tribromophenol
Concen: 0.482 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:330 Resp: 561

Ion	Ratio	Lower	Upper
330	100		
332	99.1	79.3	118.9
141	54.7	43.8	65.6



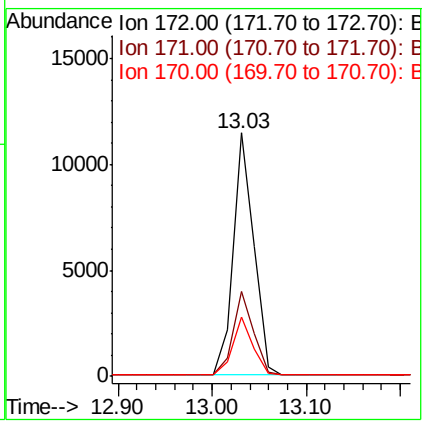


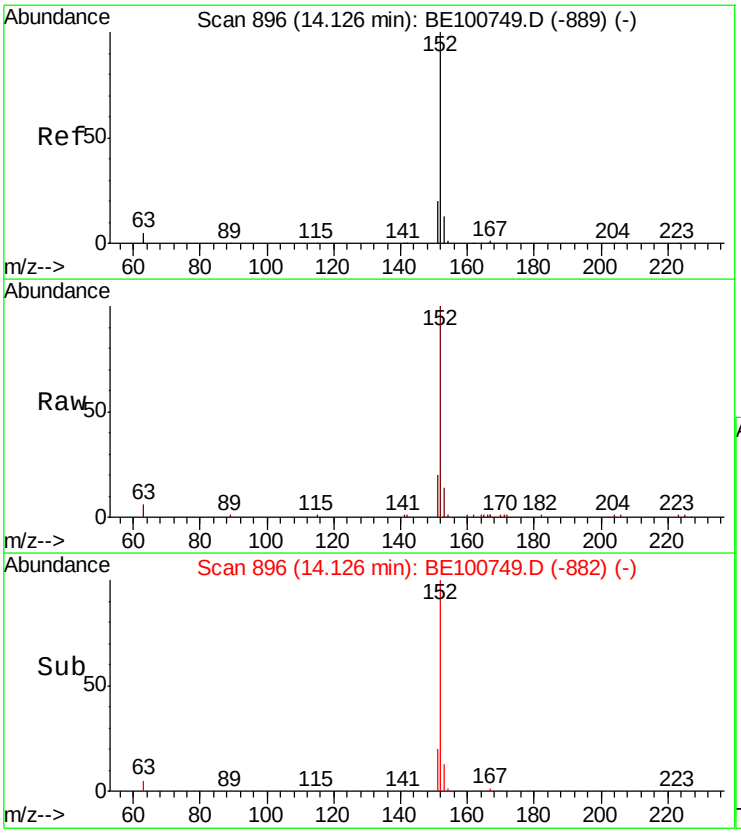
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 17432

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	24.3	19.4	29.2

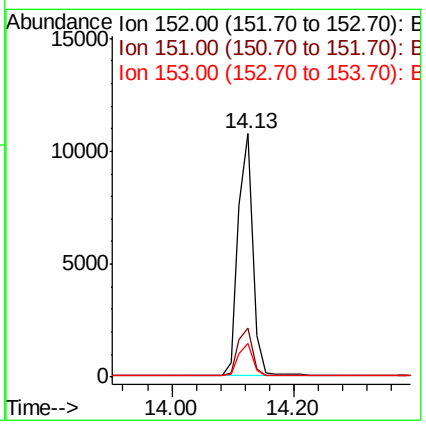


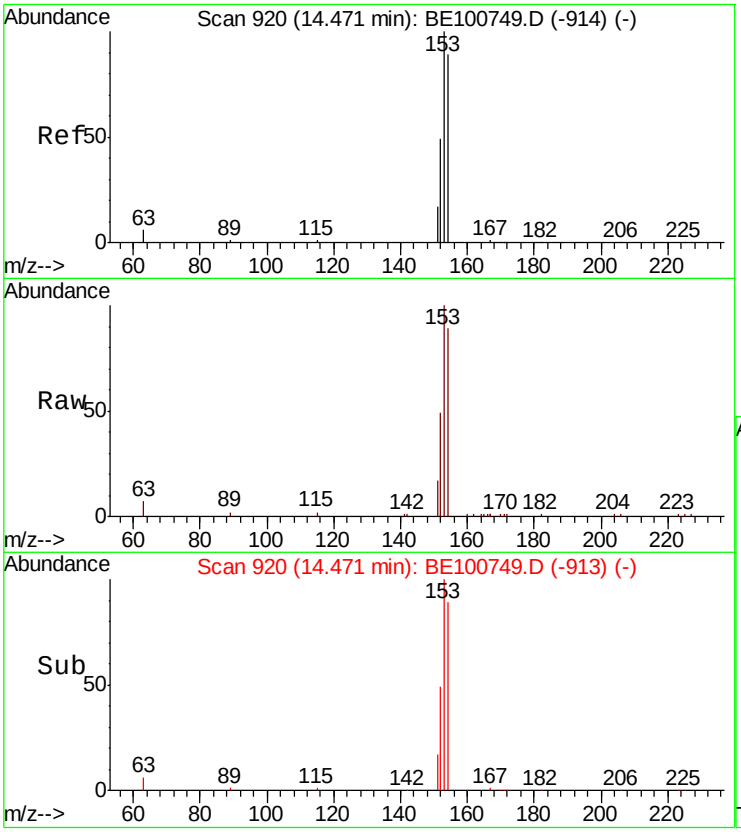


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:152 Resp: 18205

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.2	10.6	15.8



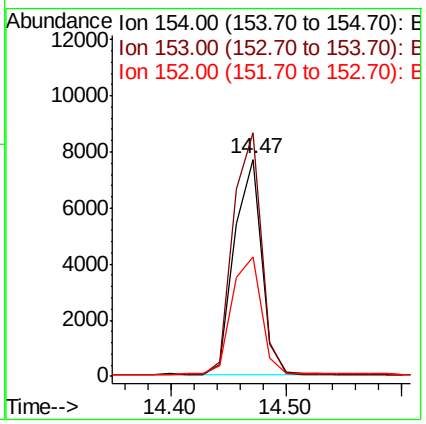


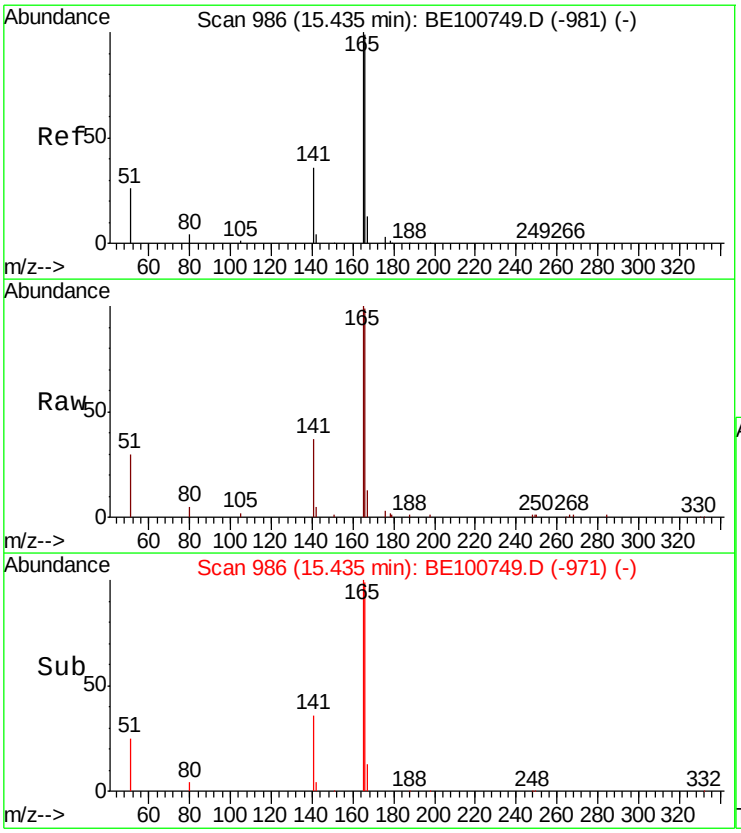
#17
Acenaphthene
Concen: 0.425 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 12612

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.6	137.4
152	59.0	47.0	70.6

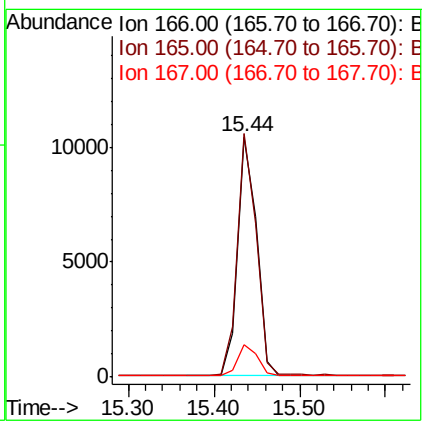


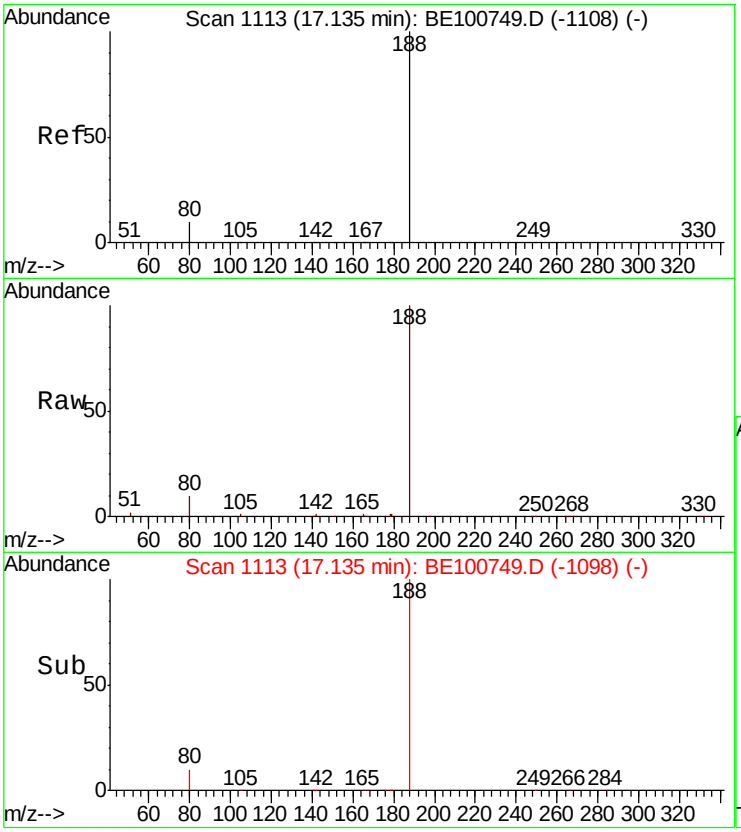


#18
Fluorene
Concen: 0.393 ng
RT: 15.44 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:166 Resp: 15963

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.2	120.4
167	13.7	11.0	16.4



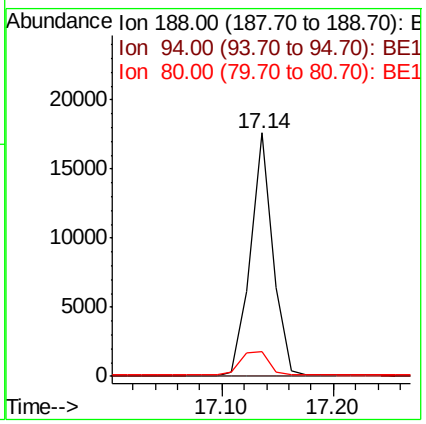


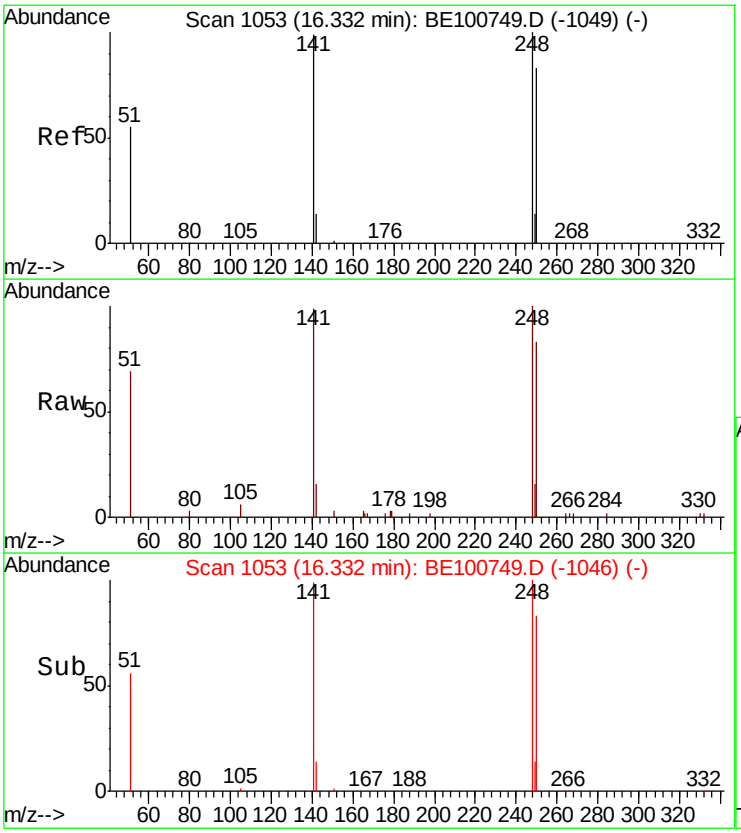
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 24693

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.2	12.2

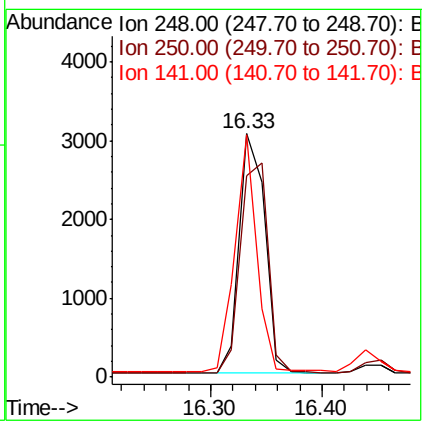


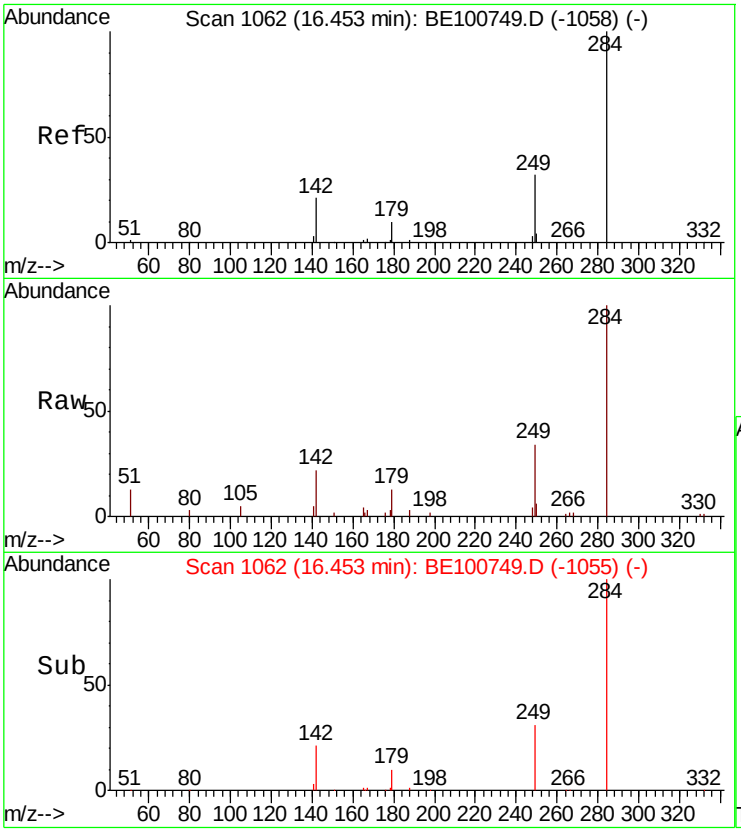


#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:248 Resp: 4836

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



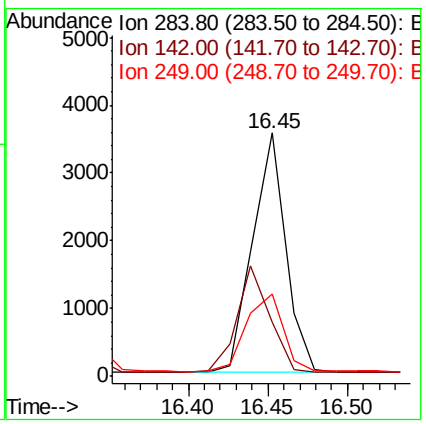


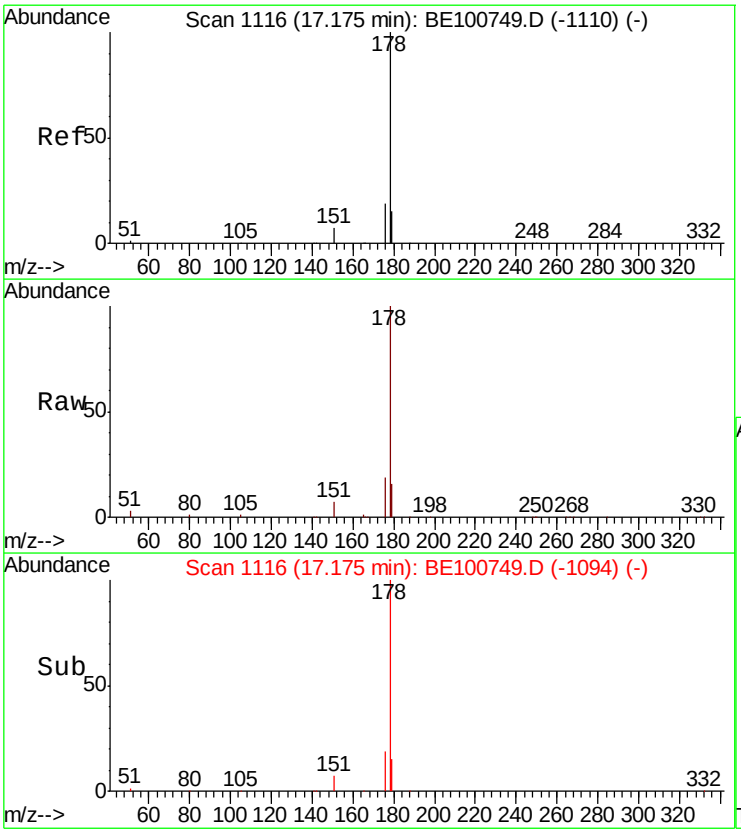
#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5106

Ion	Ratio	Lower	Upper
284	100		
142	43.6	34.9	52.3
249	35.9	28.7	43.1

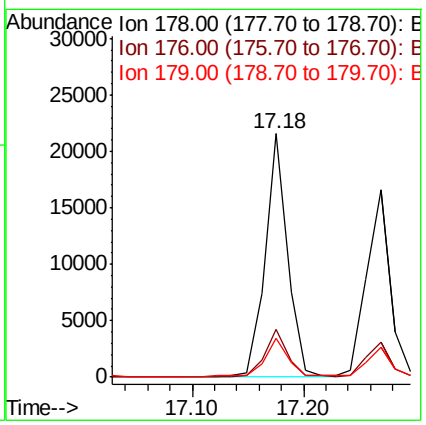


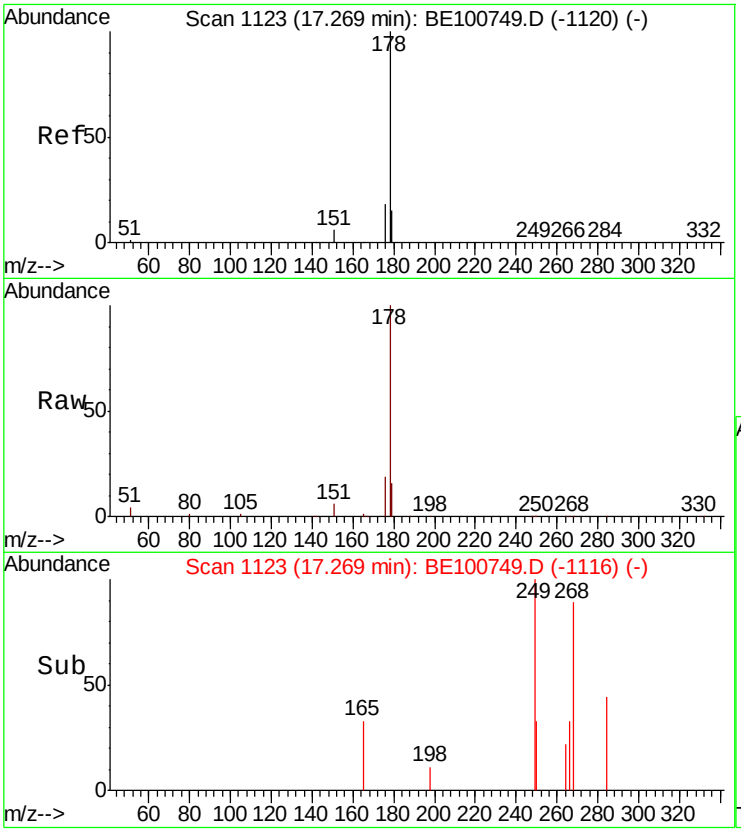


#23
Phenanthrene
Concen: 0.443 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:178 Resp: 29810

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7



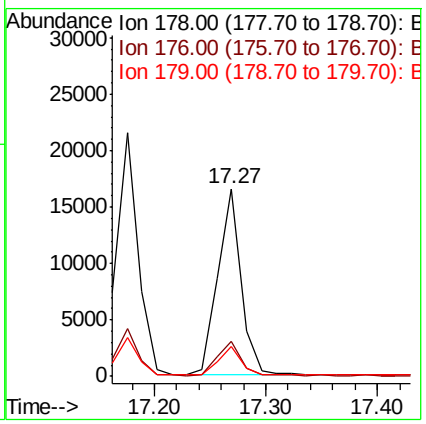


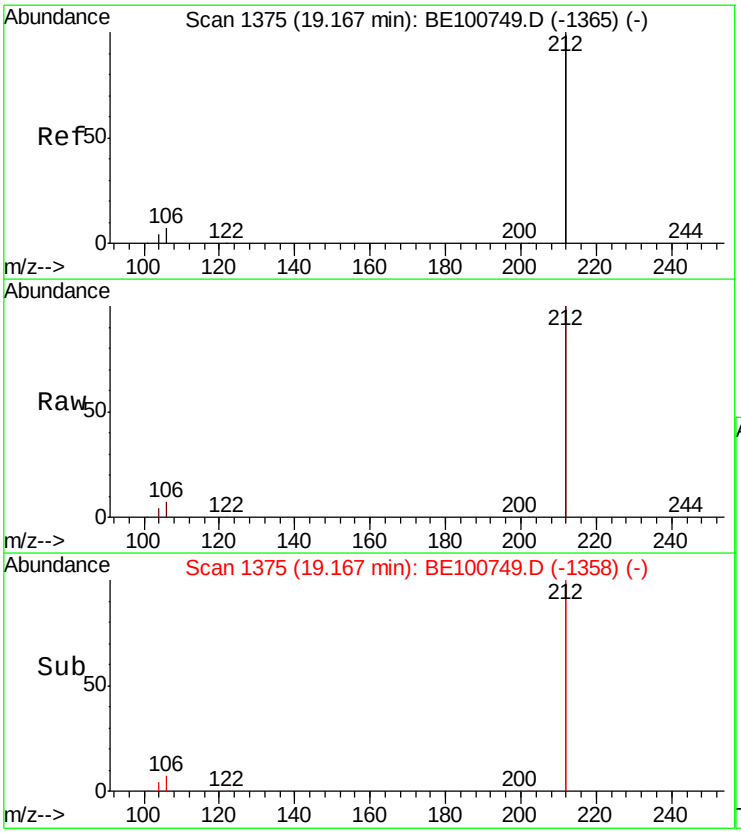
#24
Anthracene
Concen: 0.402 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 24142

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4

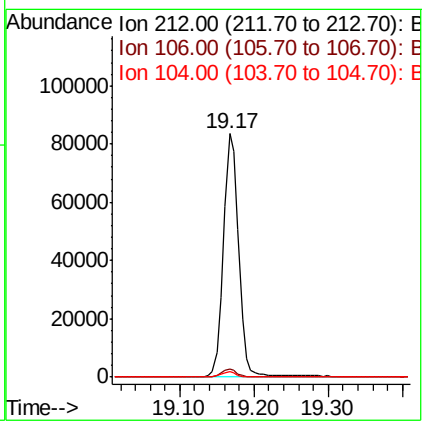


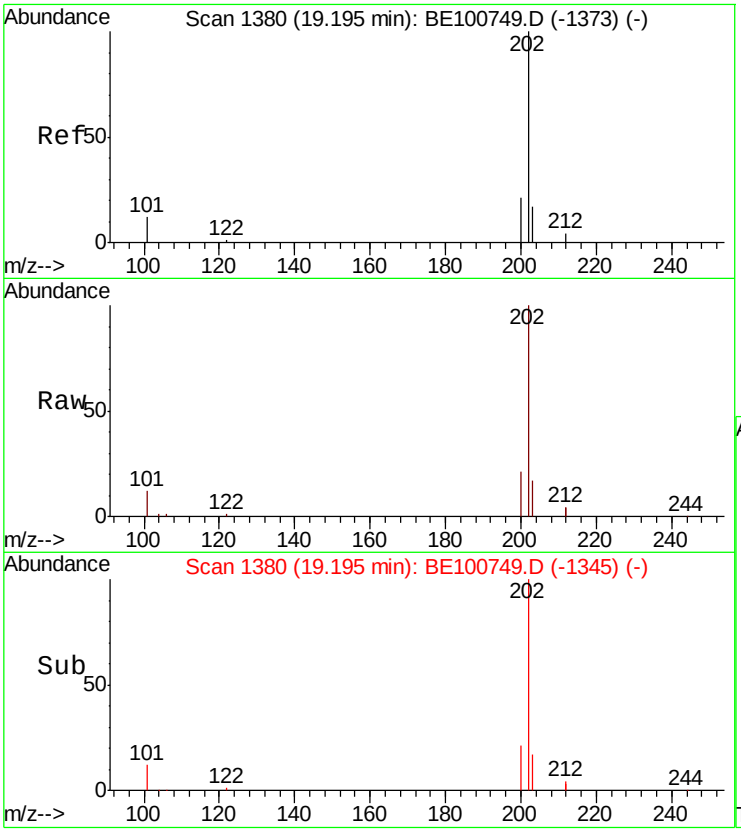


#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:212 Resp: 117495

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.5	2.3



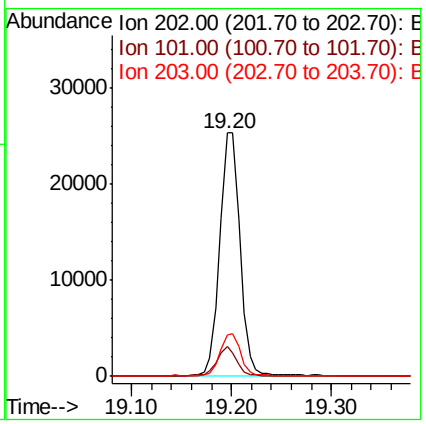


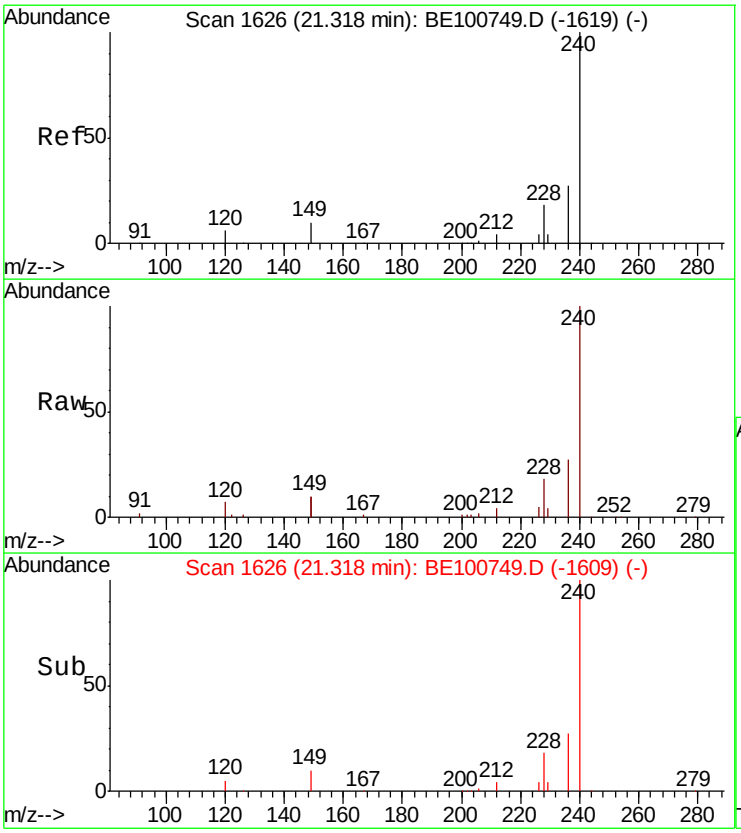
#26
Fluoranthene
Concen: 0.391 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 35182

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
203	17.3	13.8	20.8

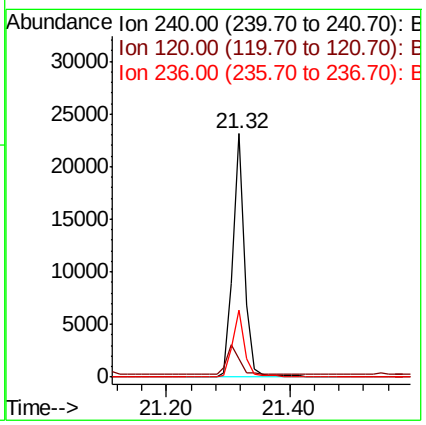


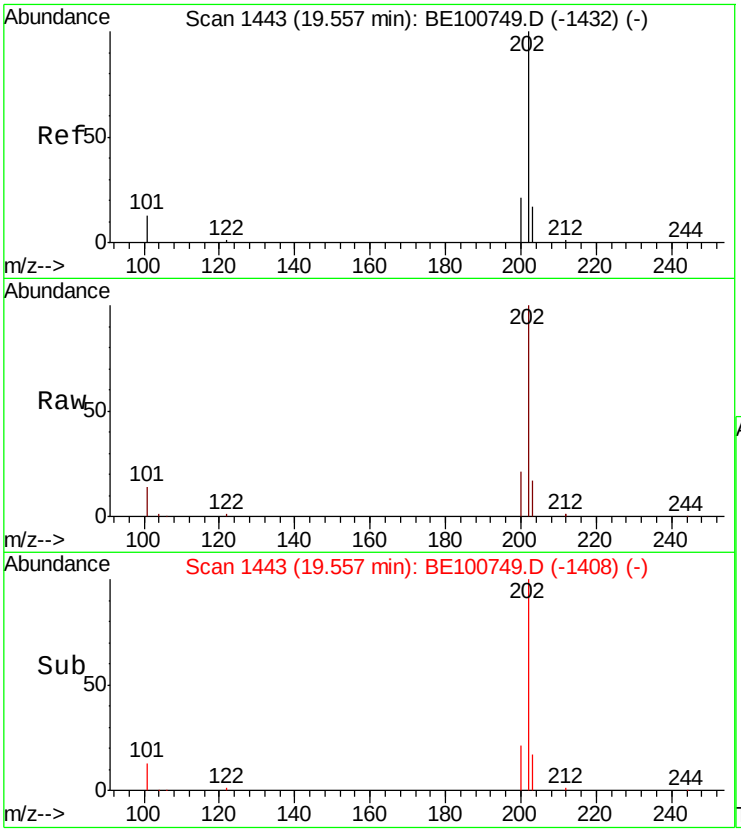


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:240 Resp: 29499

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.8	8.8
236	27.4	21.9	32.9



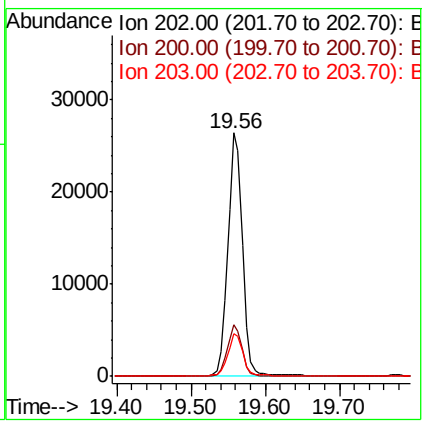


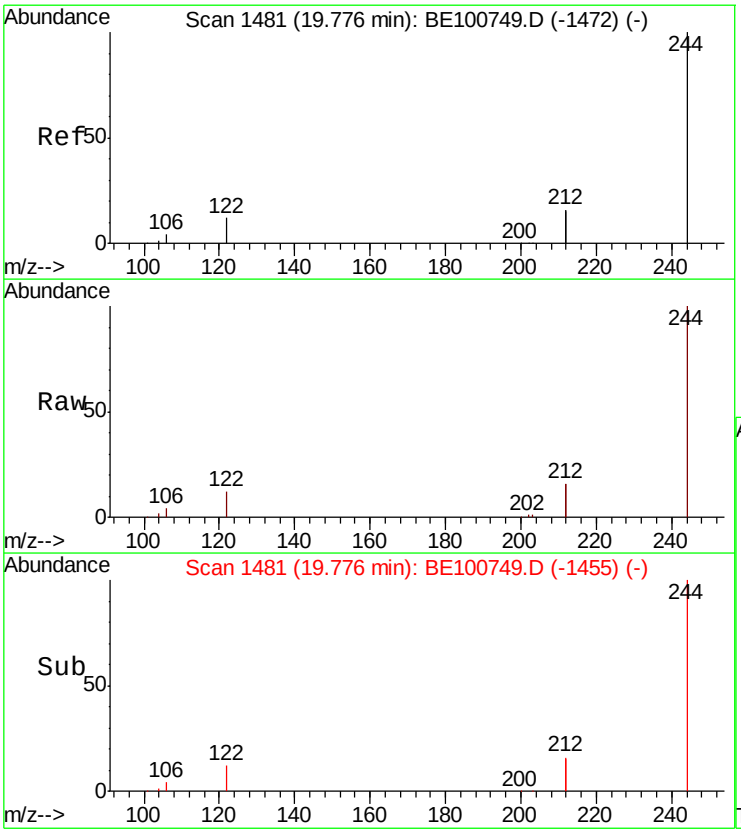
#28
Pyrene
Concen: 0.433 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 35517

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	14.0	21.0

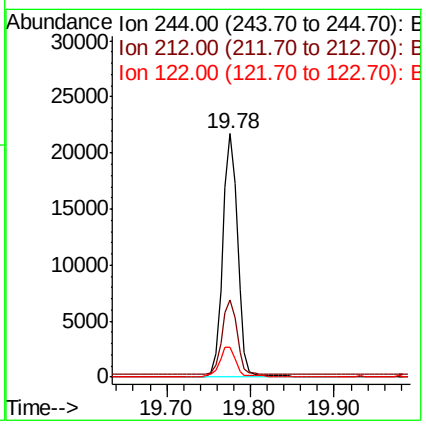


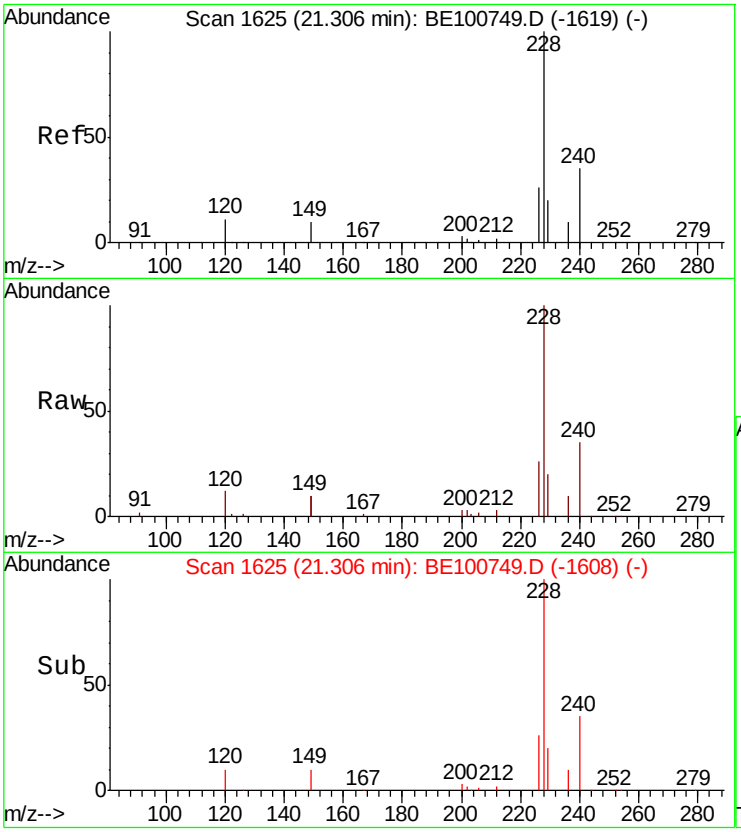


#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:244 Resp: 26638

Ion	Ratio	Lower	Upper
244	100		
212	31.5	25.2	37.8
122	12.2	9.8	14.6



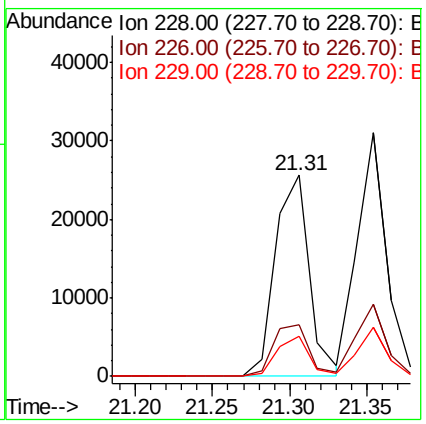


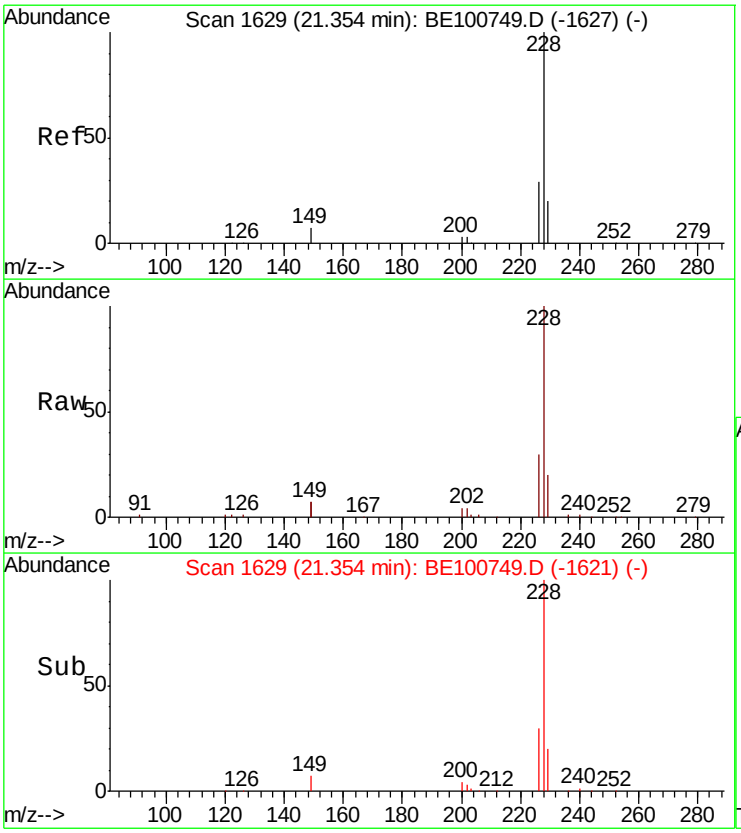
#30
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 39144

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	20.2	16.2	24.2

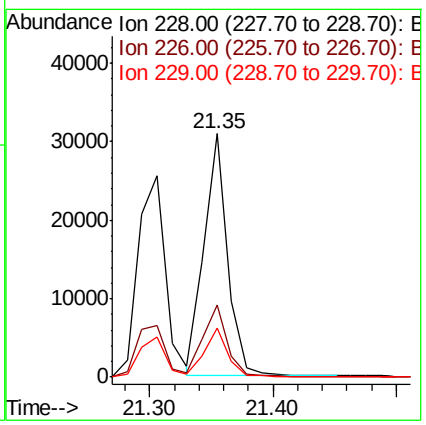


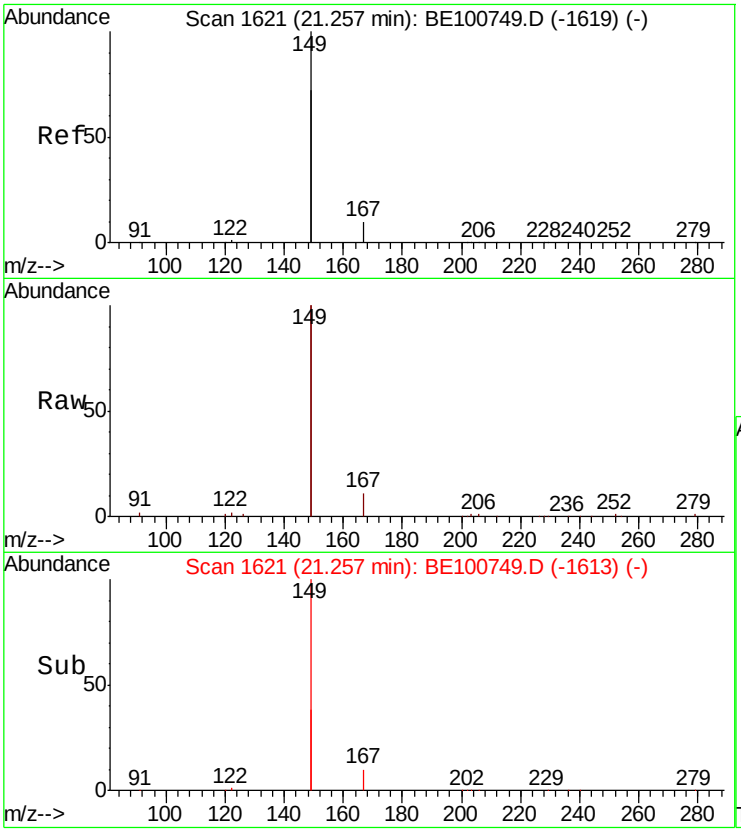


#31
Chrysene
Concen: 0.423 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:228 Resp: 40648

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.9	15.9	23.9



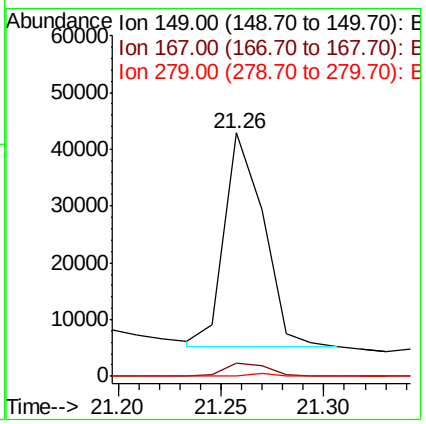


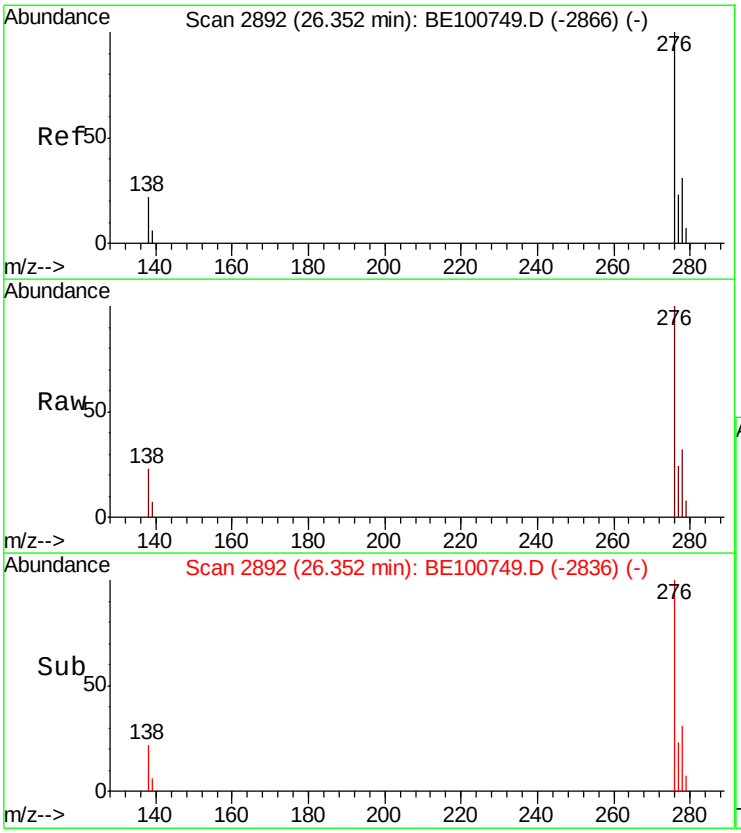
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.298 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:149 Resp: 50026

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.5	8.3
279	0.8	0.7	1.1

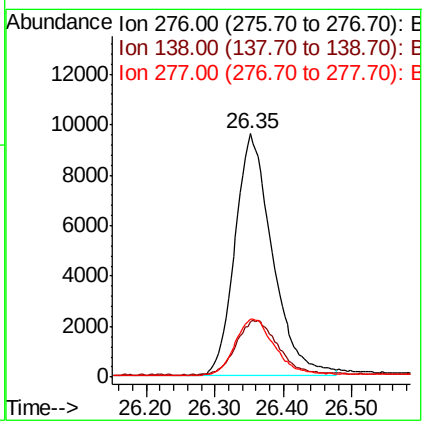


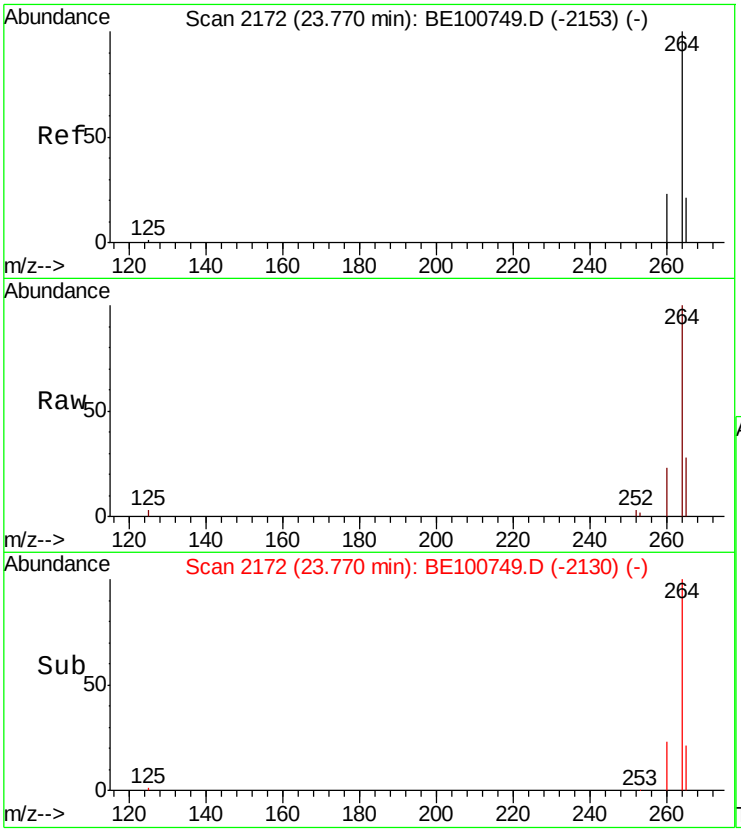


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng
RT: 26.35 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:276 Resp: 36368

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.6
277	24.6	19.7	29.5



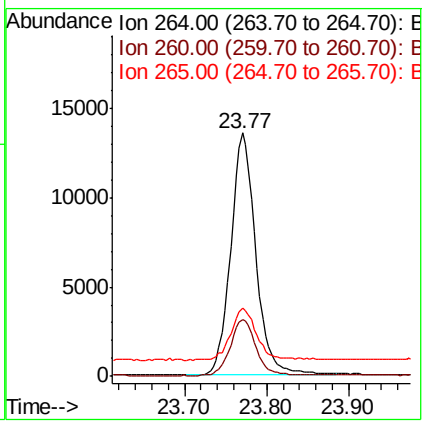


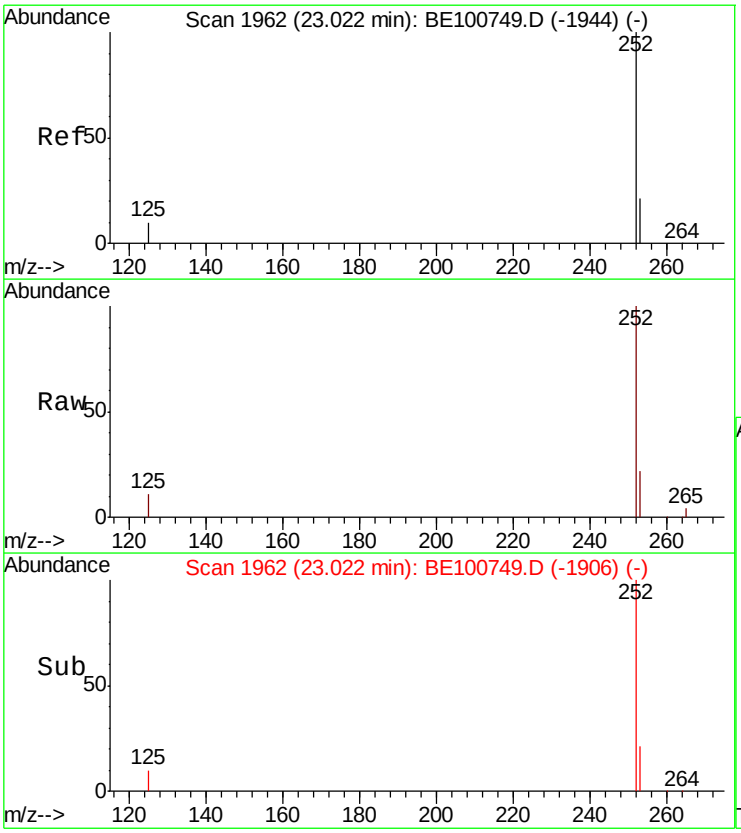
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 28897

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	28.0	22.4	33.6

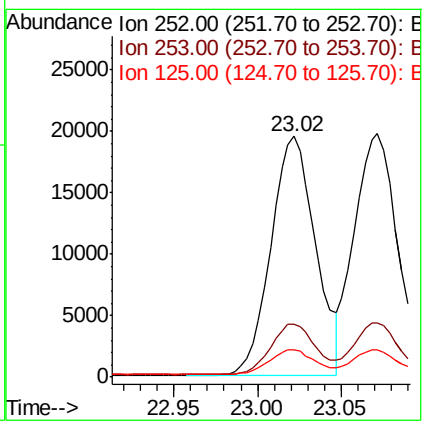


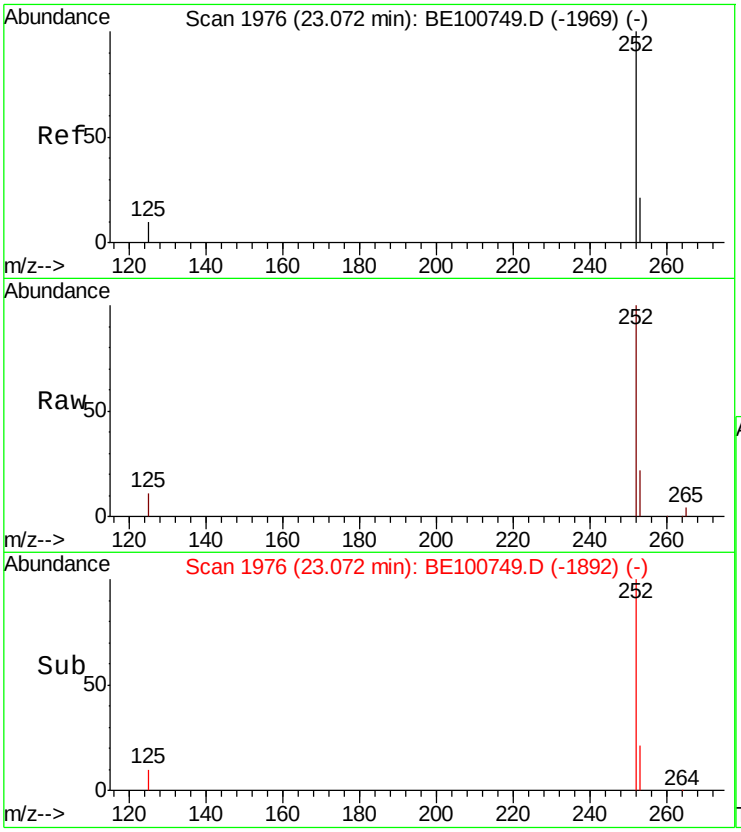


#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 23.02 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:252 Resp: 36126

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.4	9.1	13.7



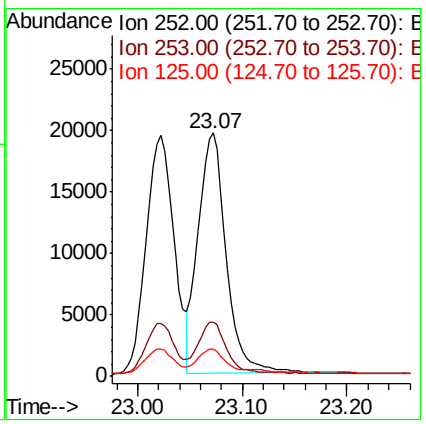


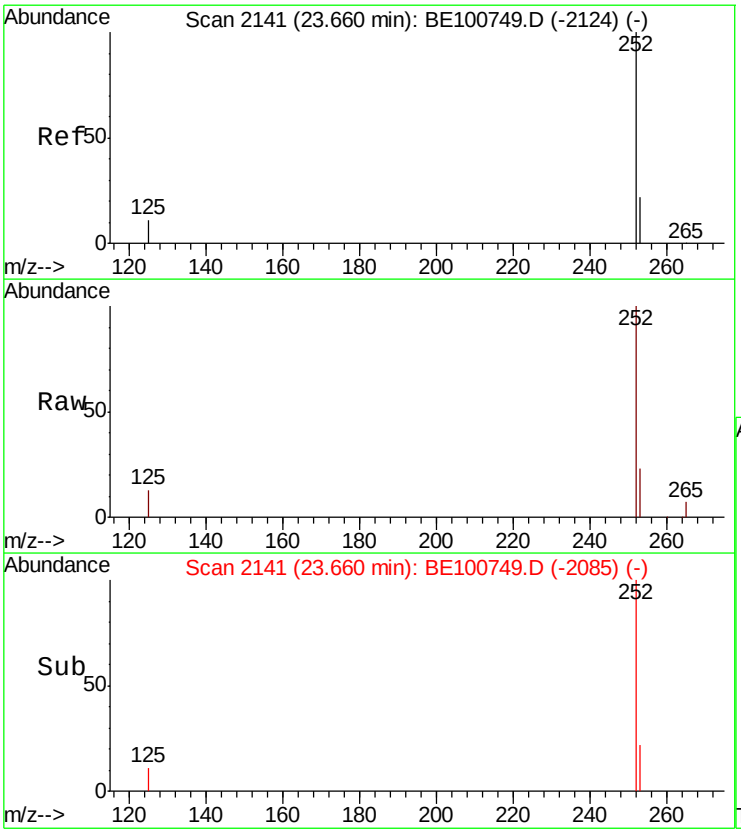
#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 23.07 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 36854

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.2	9.0	13.4

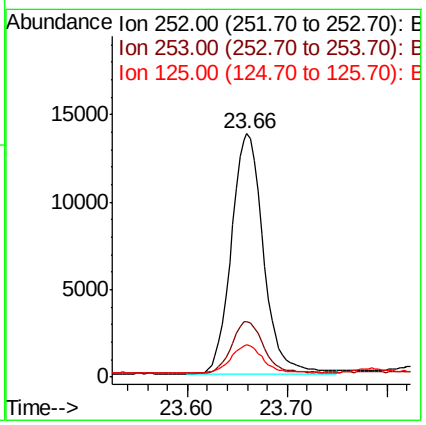


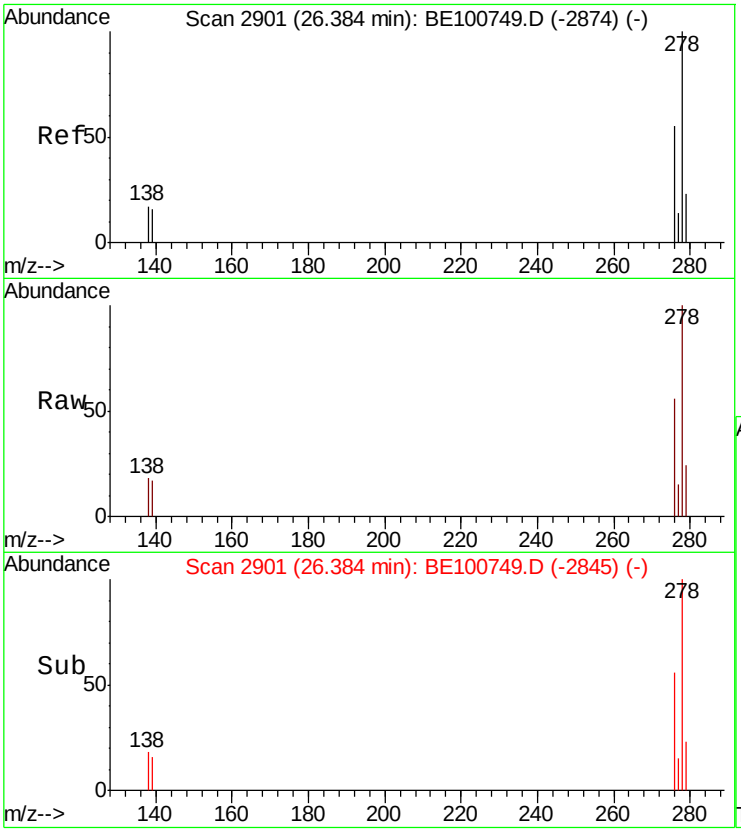


#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.66 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:252 Resp: 30795

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	13.1	10.5	15.7



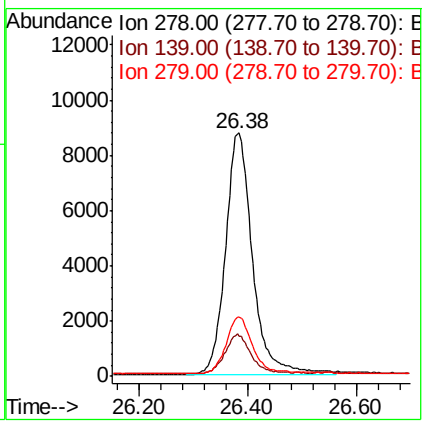


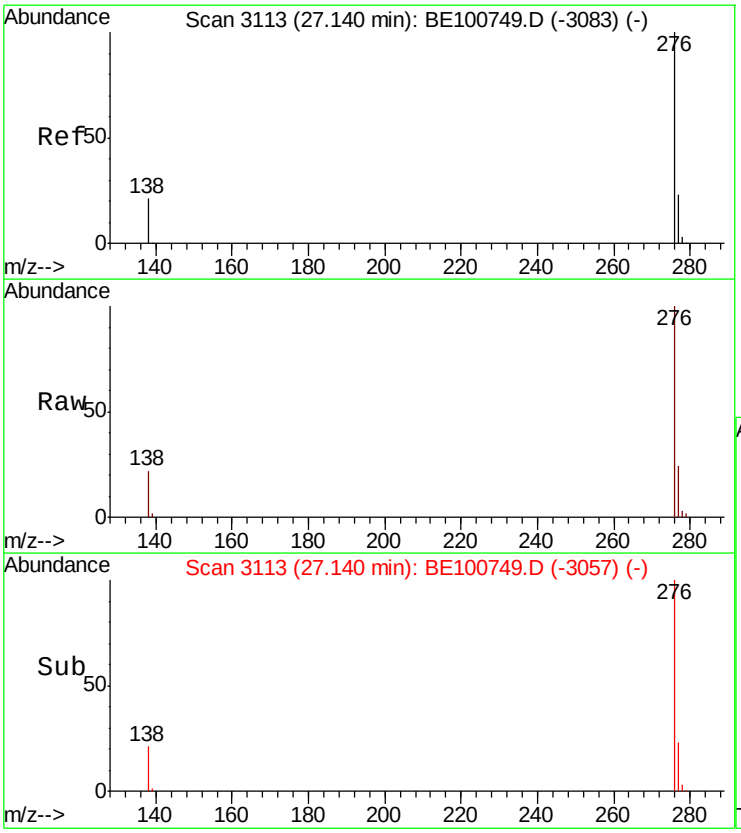
#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.38 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:278 Resp: 30352

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	24.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 27.14 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:276 Resp: 31934

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	22.3	17.8	26.8