Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101142.D
Acq On : 7 Feb 2020 17:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Feb 07 18:22:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	149	0.40	ng		-0.02
7) Naphthalene-d8	10.50	136	592	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	314	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	451	0.40	ng		0.01
27) Chrysene-d12	21.28	240	282	0.40	ng		0.00
34) Perylene-d12	23.70	264	295	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	167	0.50	ng		-0.02
5) Phenol-d6	6.94	99	135	0.32	ng		0.02
8) Nitrobenzene-d5	8.90	82	62	0.15	ng		0.03
11) 2-Methylnaphthalene-d10	12.11	152	443	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	4	0.05	ng		-0.07
15) 2-Fluorobiphenyl	13.02	172	491	0.41	ng		0.02
25) Fluoranthene-d10	19.13	212	1765	0.28	ng		0.00
29) Terphenyl-d14	19.74	244	282	0.41	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.59	42	41	0.198	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	105	0.208	ng	#	1
9) Naphthalene	10.54	128	2720	0.414	ng	#	82
10) Hexachlorobutadiene	10.82	225	147	0.528	ng		96
12) 2-Methylnaphthalene	12.18	142	312	0.314	ng	#	83
16) Acenaphthylene	14.07	152	460	0.360	ng		99
17) Acenaphthene	14.41	154	307	0.335	ng	#	92
18) Fluorene	15.41	166	362	0.313	ng		91
20) 4-Bromophenyl-phenylether	16.30	248	85	0.386	ng	#	82
21) Hexachlorobenzene	16.40	284	110	0.456	ng	#	85
22) Pentachlorophenol	16.79	266	2	0.273	ng	#	75
23) Phenanthrene	17.16	178	369	0.300	ng	#	93
24) Anthracene	17.16	178	370	0.318	ng		94
26) Fluoranthene	19.16	202	363	0.235	ng		95
28) Pyrene	19.52	202	460	0.438	ng		94
30) Benzo(a)anthracene	21.27	228	225	0.280	ng	#	38
31) Chrysene	21.32	228	457	0.382	ng	#	54
32) Bis(2-ethylhexyl)phthalate	21.18	149	1103	0.823	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.26	276	110	0.116	ng	#	60
35) Benzo(b)fluoranthene	22.96	252	186	0.225	ng	#	1
37) Benzo(a)pyrene	23.60	252	86	0.107	ng	#	1
38) Dibenzo(a,h)anthracene	26.29	278	110	0.149	ng	#	1
39) Benzo(g,h,i)perylene	27.04	276	173	0.191	ng	#	3

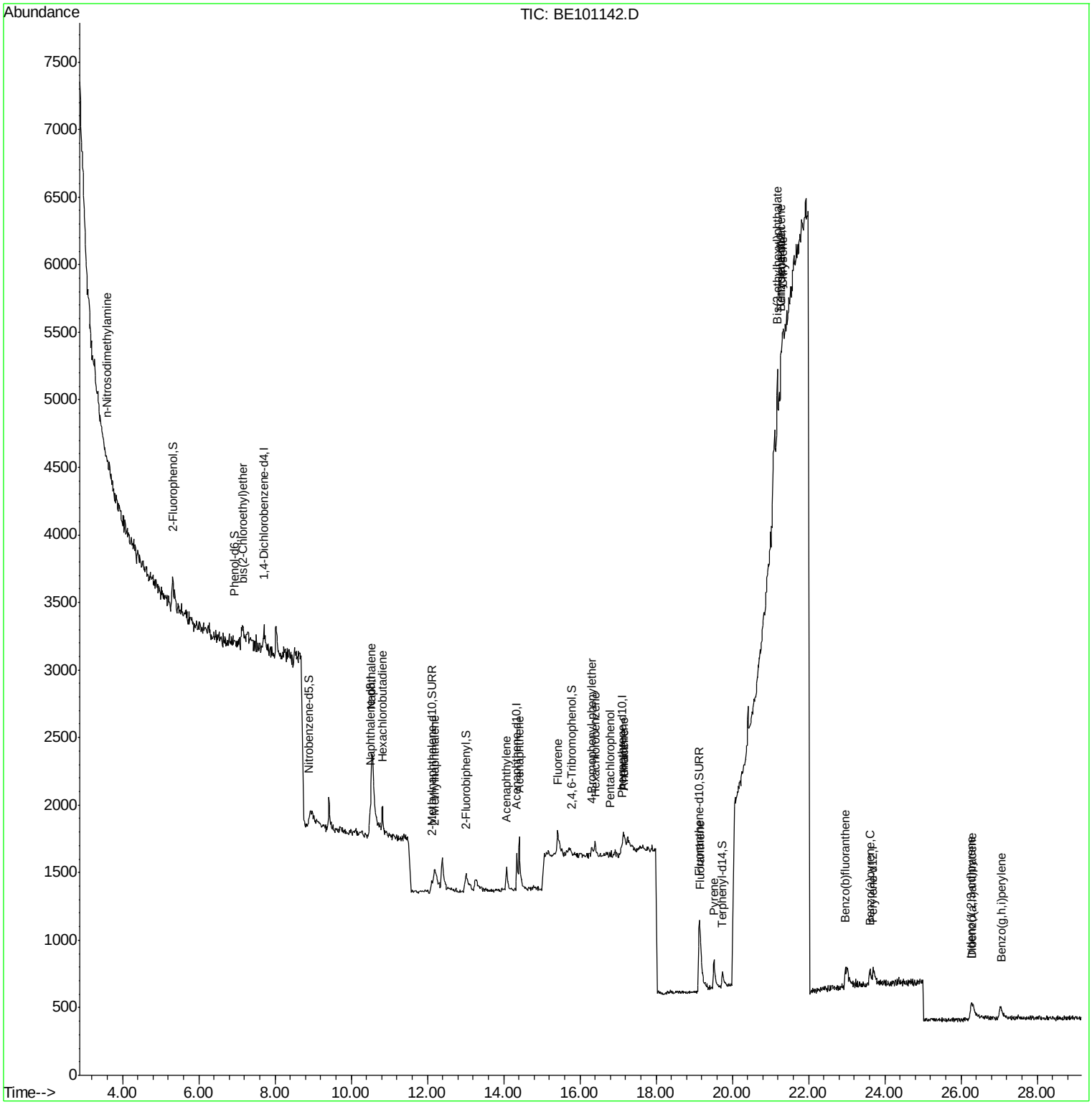
(#) = qualifier out of range (m) = manual integration (+) = signals summed

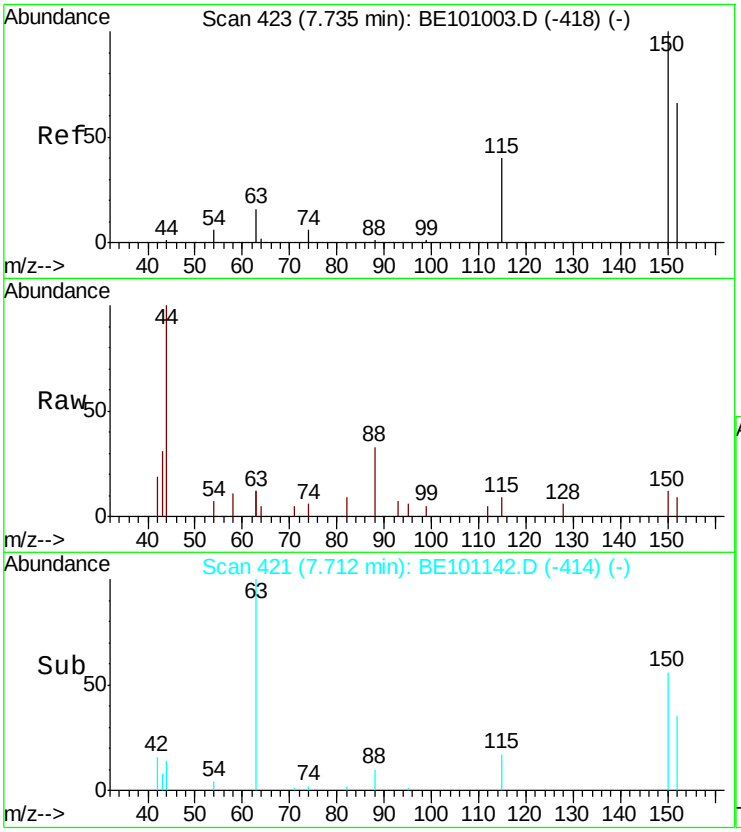
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101142.D
Acq On : 7 Feb 2020 17:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 07 18:22:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



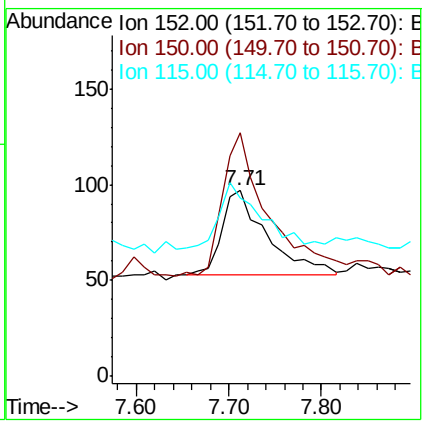


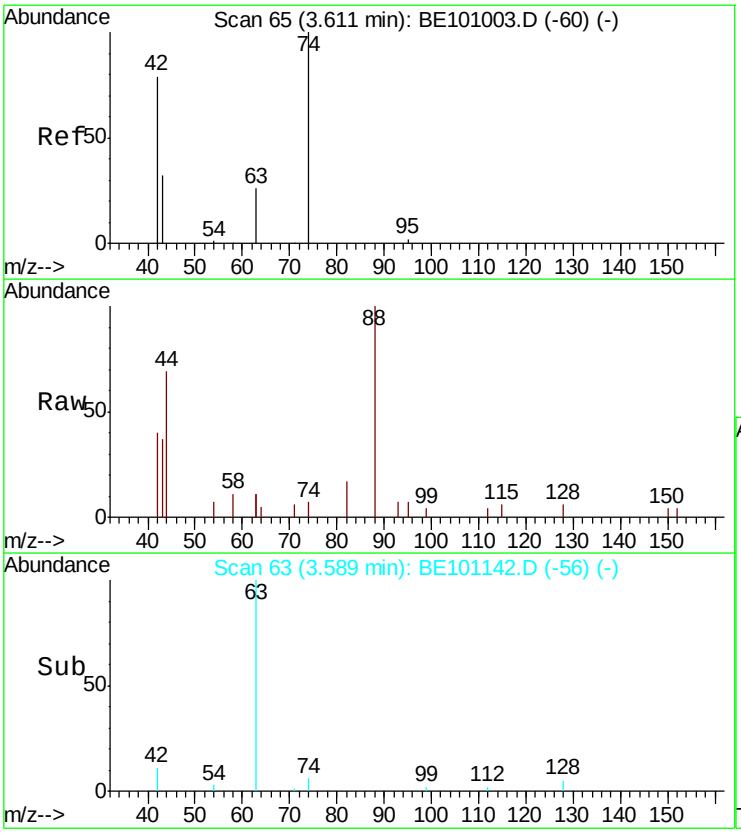
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 149

Ion	Ratio	Lower	Upper
152	100		
150	130.9	120.3	180.5
115	95.9	51.7	77.5#

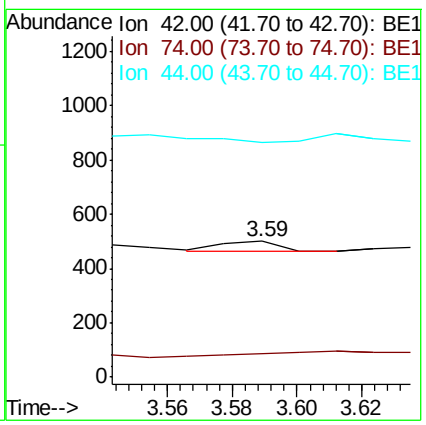


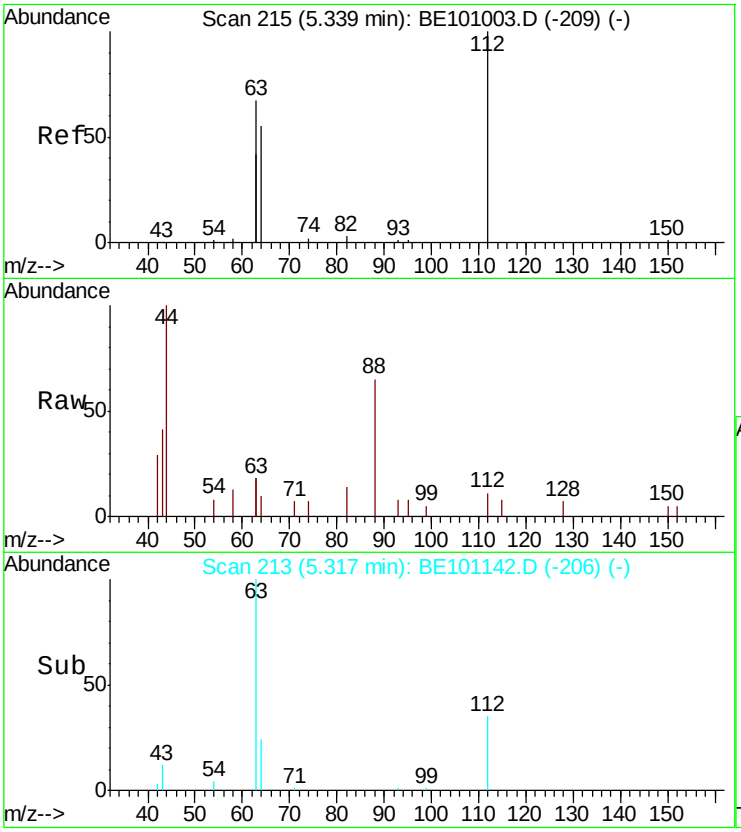


#3
n-Nitrosodimethylamine
Concen: 0.198 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.7	158.5#
44	0.0	10.0	15.0#



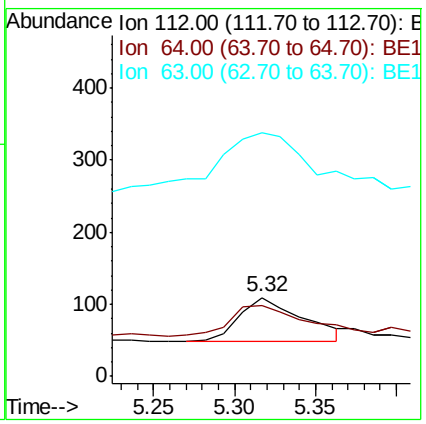


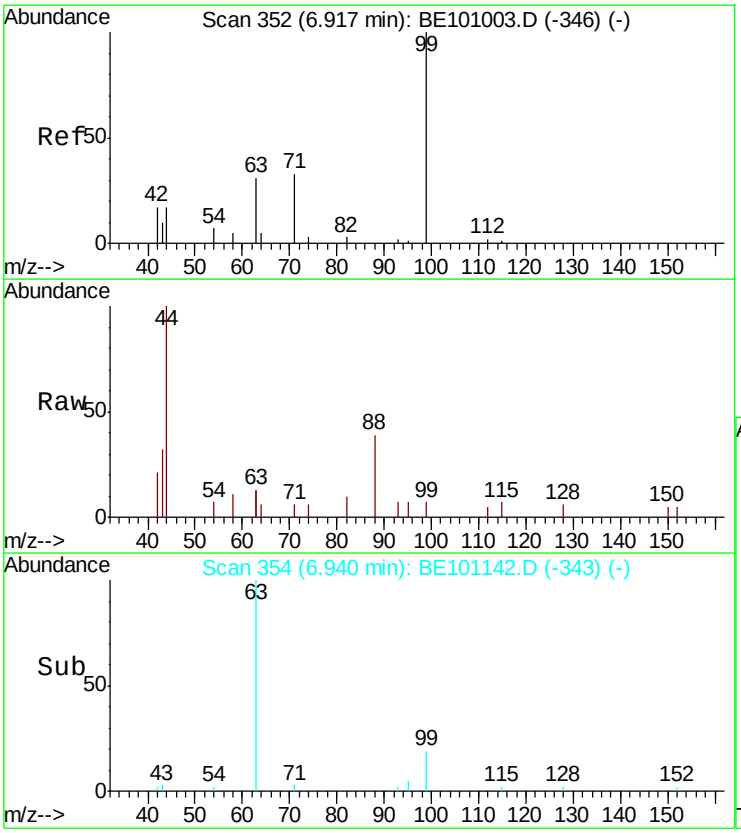
#4
2-Fluorophenol
Concen: 0.498 ng
RT: 5.32 min Scan# 213
Delta R.T. -0.02 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:112 Resp: 167

Ion	Ratio	Lower	Upper
112	100		
64	87.4	53.6	80.4#
63	143.1	114.6	172.0

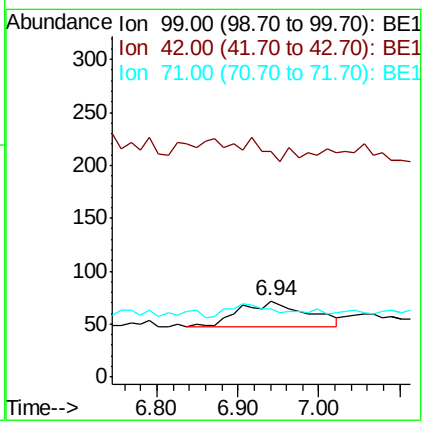


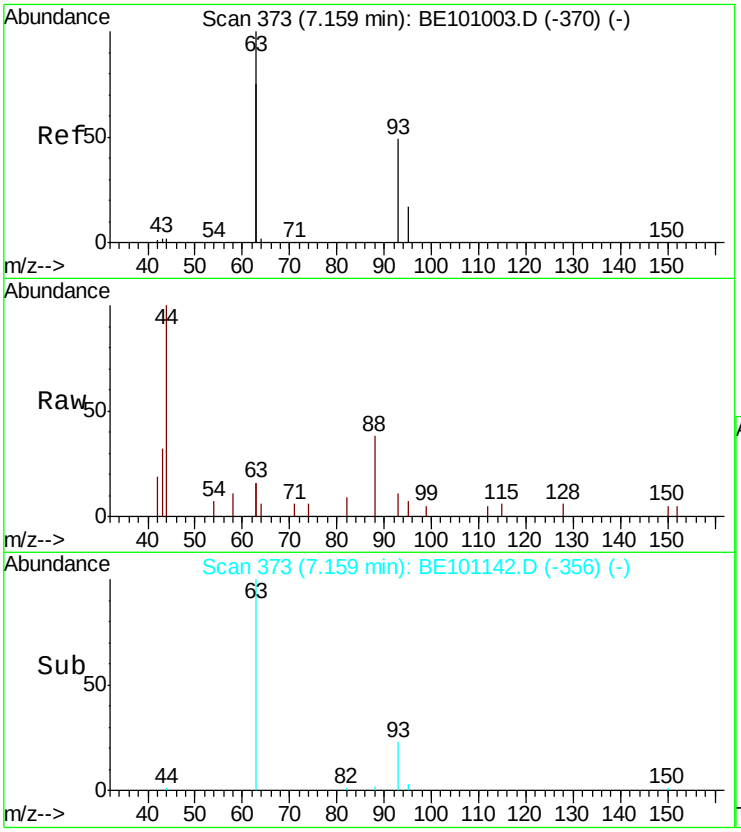


#5
Phenol-d6
Concen: 0.318 ng
RT: 6.94 min Scan# 354
Delta R.T. 0.02 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion: 99 Resp: 135

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.3	27.5#
71	0.0	28.0	42.0#



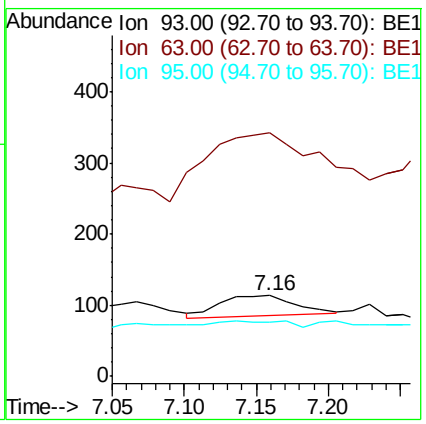


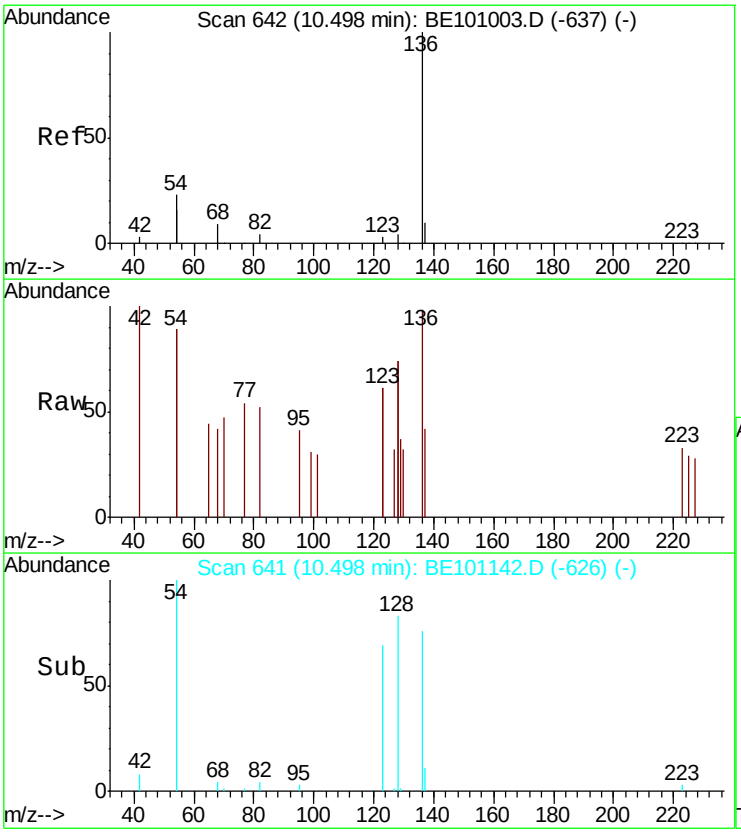
#6
bis(2-Chloroethyl)ether
Concen: 0.208 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 93 Resp: 105

Ion	Ratio	Lower	Upper
93	100		
63	521.0	233.9	350.9#
95	0.0	23.5	35.3#

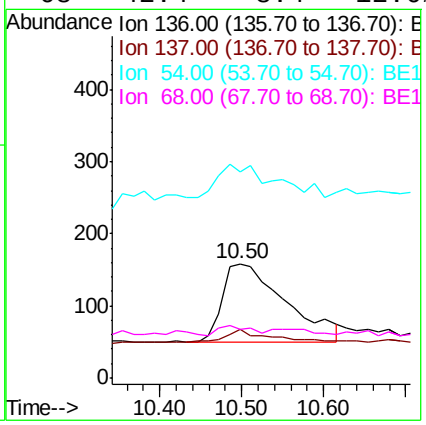


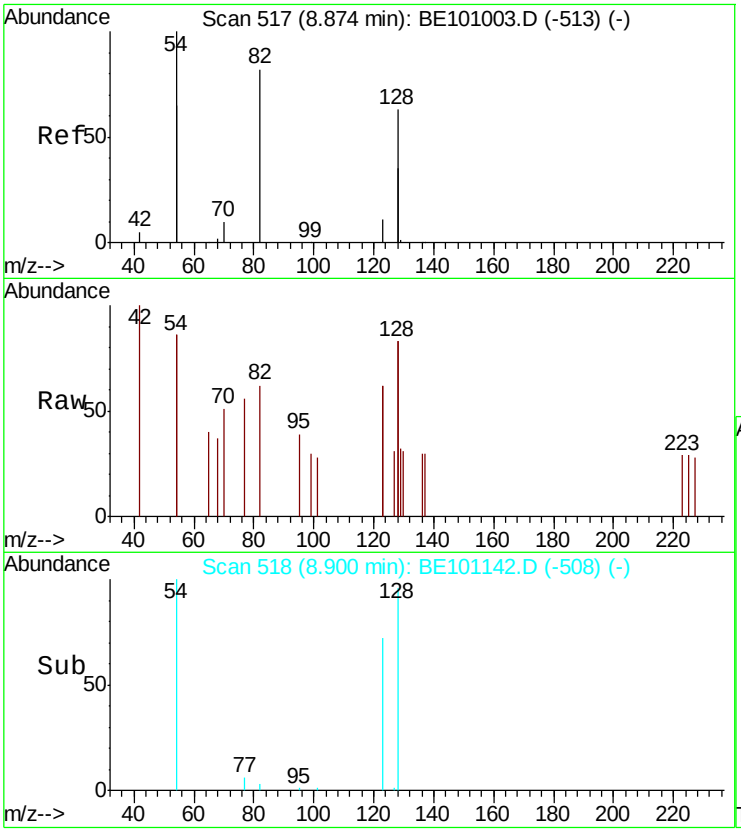


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:136 Resp: 592

Ion	Ratio	Lower	Upper
136	100		
137	42.4	9.3	13.9#
54	181.0	36.8	55.2#
68	42.4	8.4	12.6#



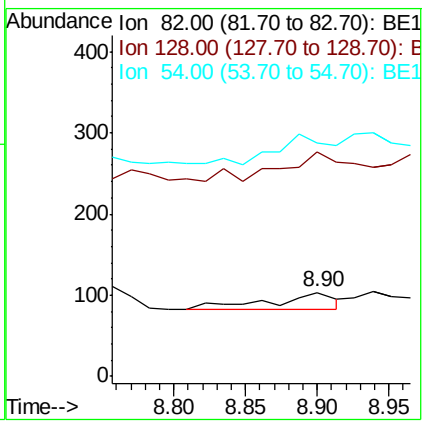


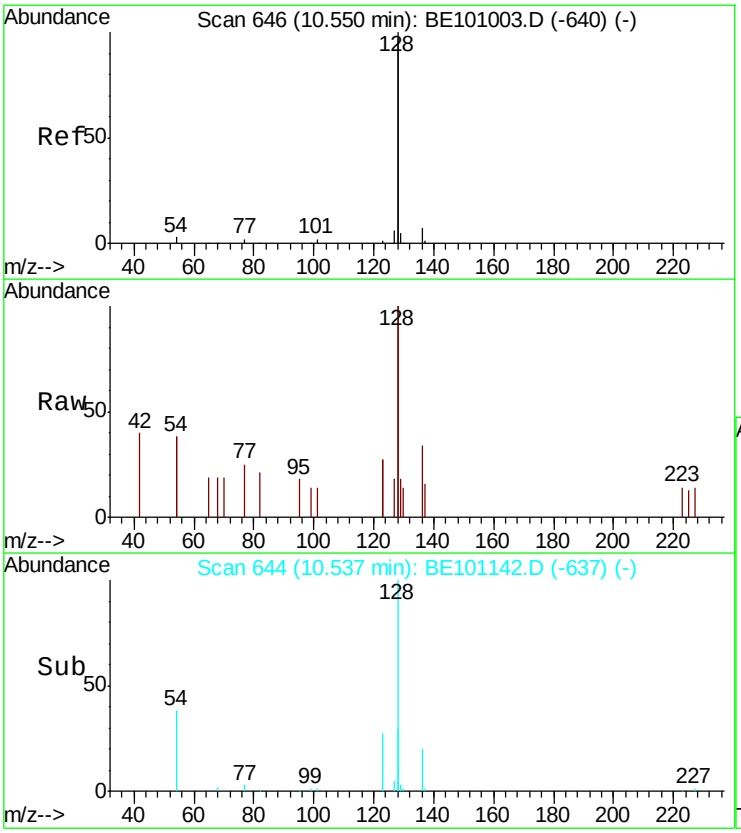
#8
Nitrobenzene-d5
Concen: 0.146 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.03 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 82 Resp: 62

Ion	Ratio	Lower	Upper
82	100		
128	268.0	109.8	164.6#
54	279.6	174.5	261.7#

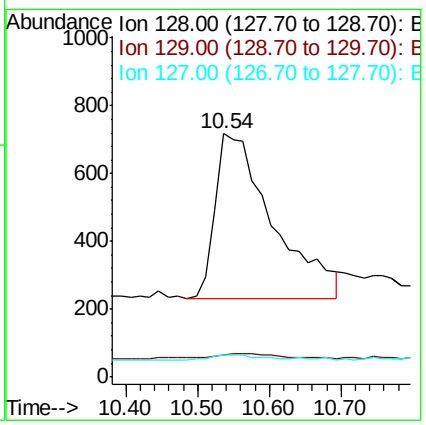


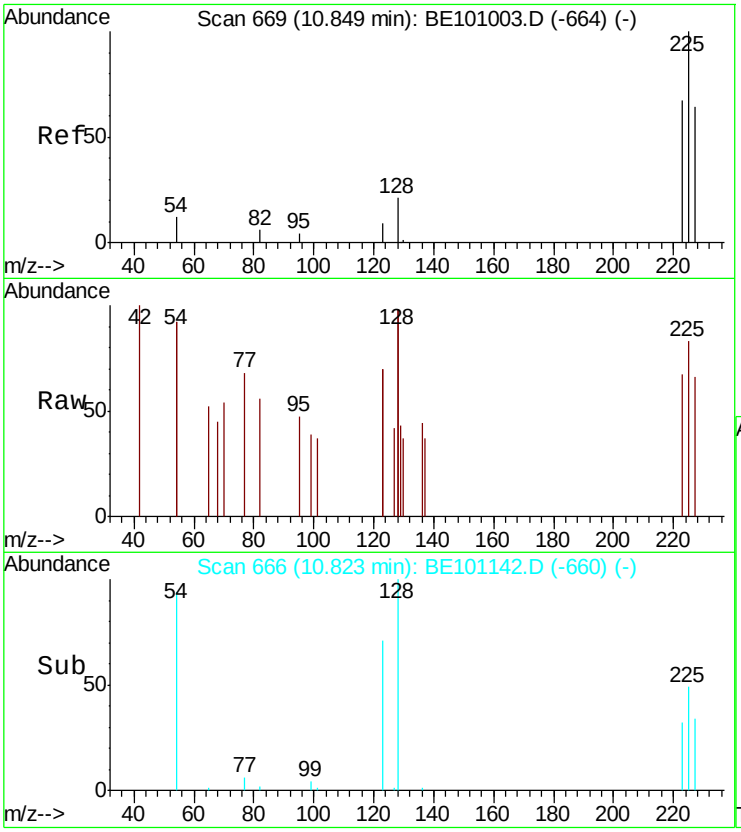


#9
Naphthalene
Concen: 0.414 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:128 Resp: 2720

Ion	Ratio	Lower	Upper
128	100		
129	9.2	2.3	3.5#
127	9.2	2.7	4.1#



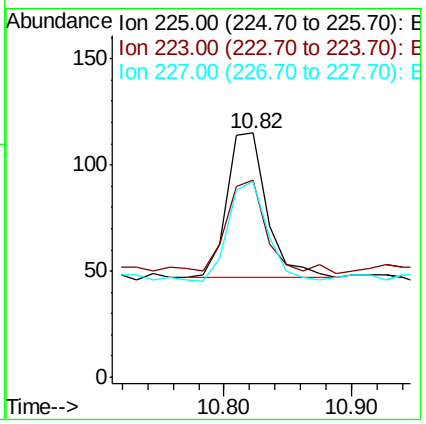


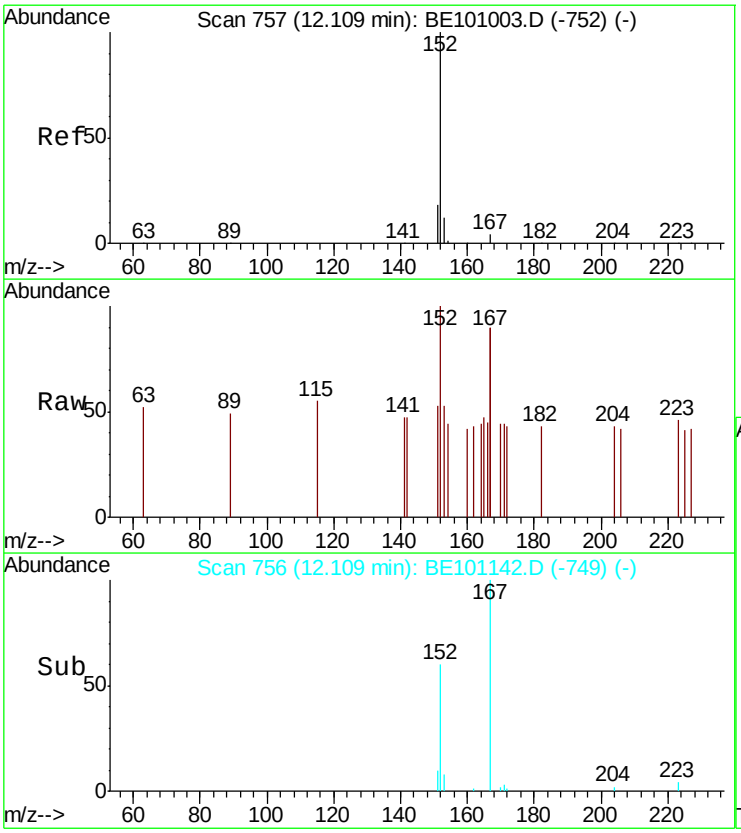
#10
Hexachlorobutadiene
Concen: 0.528 ng
RT: 10.82 min Scan# 666
Delta R.T. -0.03 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:225 Resp: 147

Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.2	78.4
227	68.7	49.9	74.9

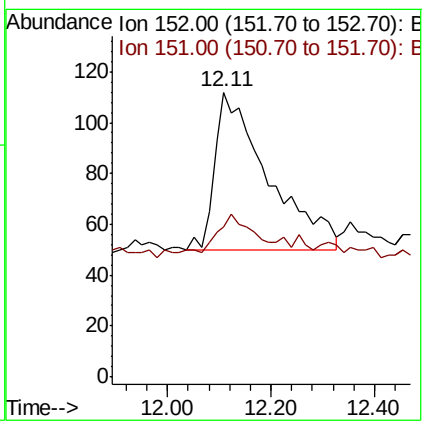


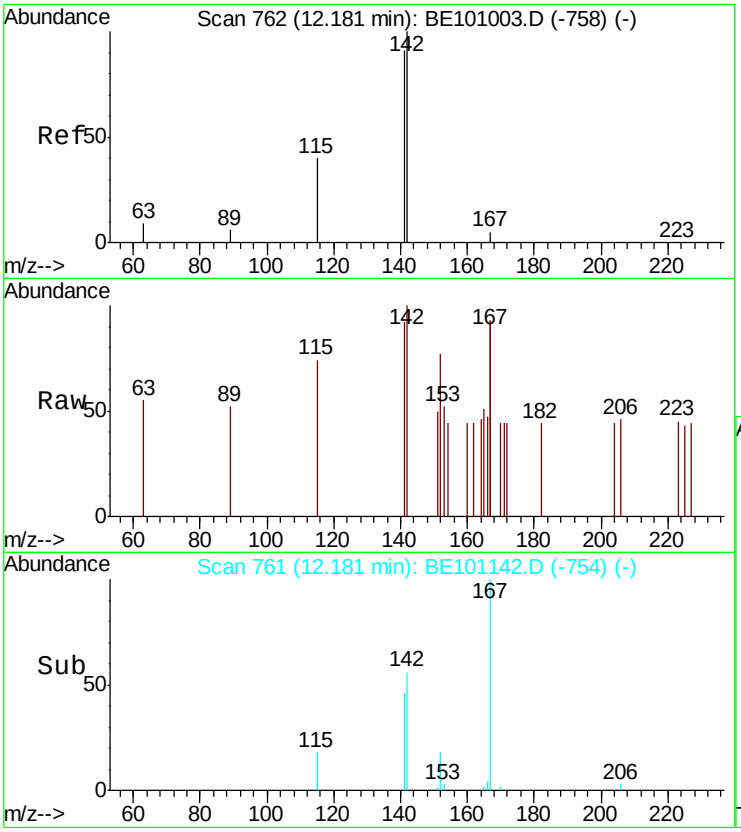


#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:152 Resp: 443

Ion	Ratio	Lower	Upper
152	100		
151	13.3	15.0	22.6#



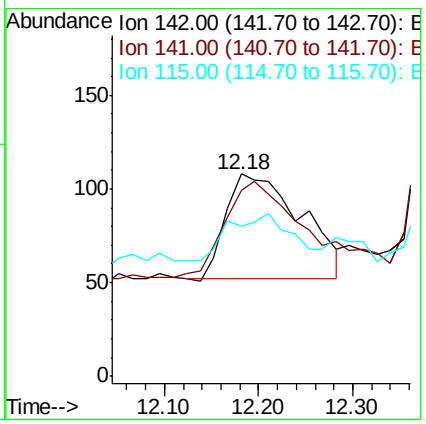


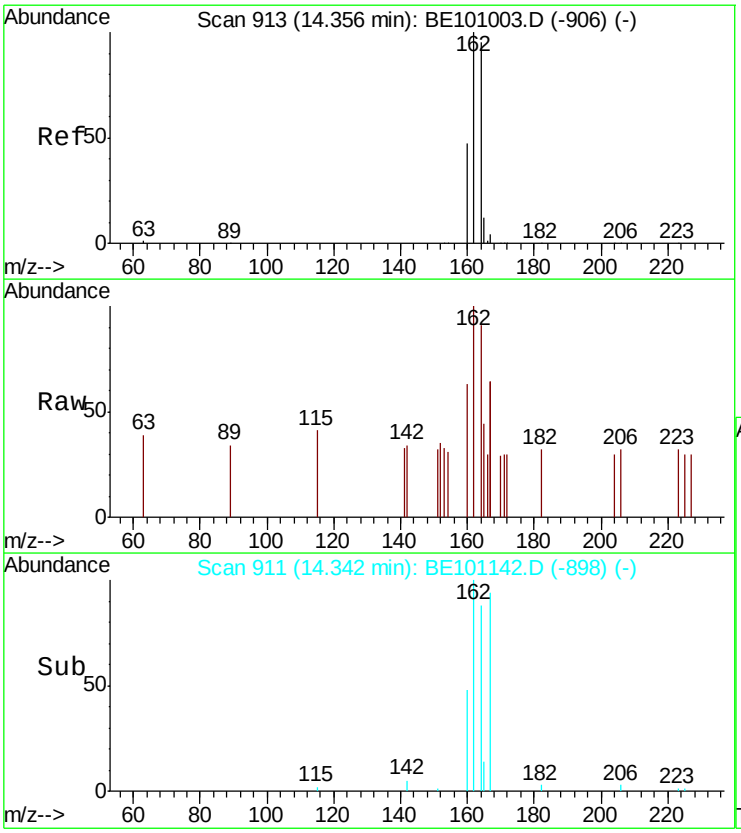
#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 312

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.5	108.7
115	74.1	33.0	49.6#

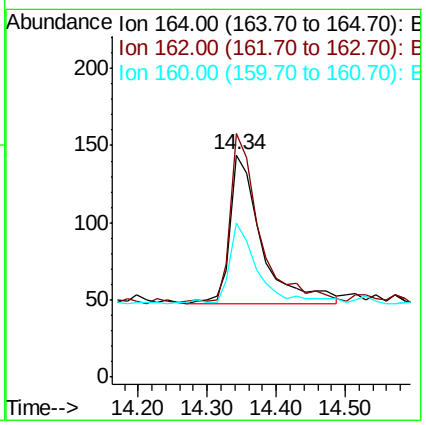


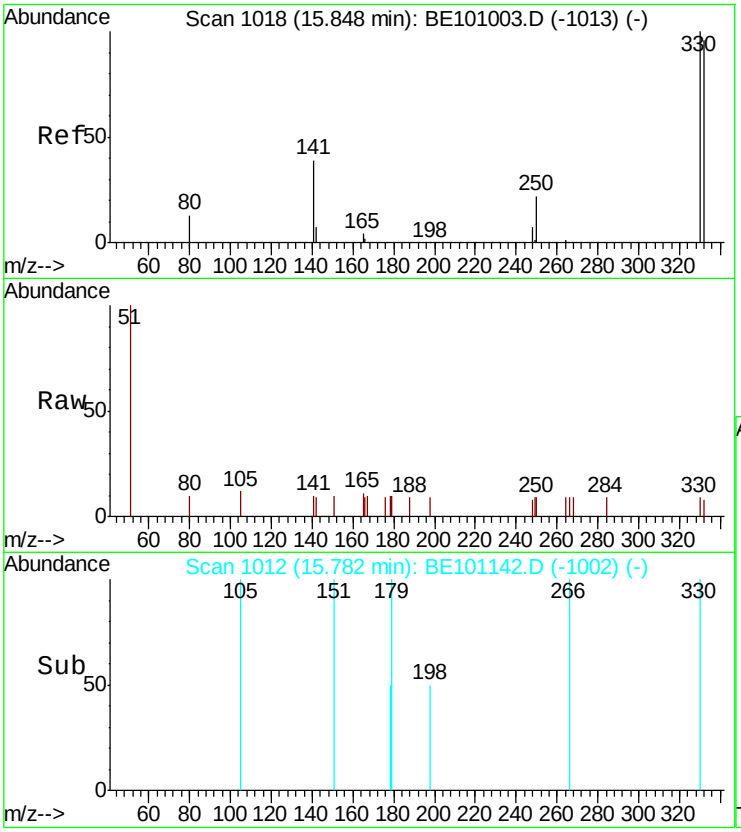


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:164 Resp: 314

Ion	Ratio	Lower	Upper
164	100		
162	109.7	84.1	126.1
160	69.4	40.4	60.6#



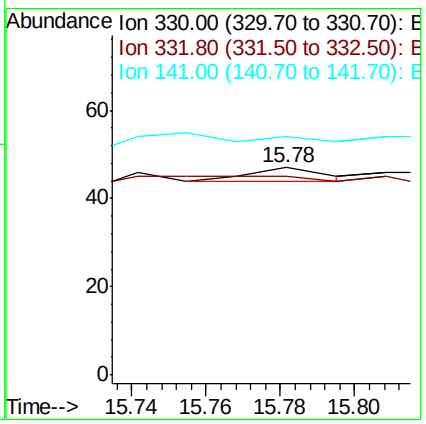


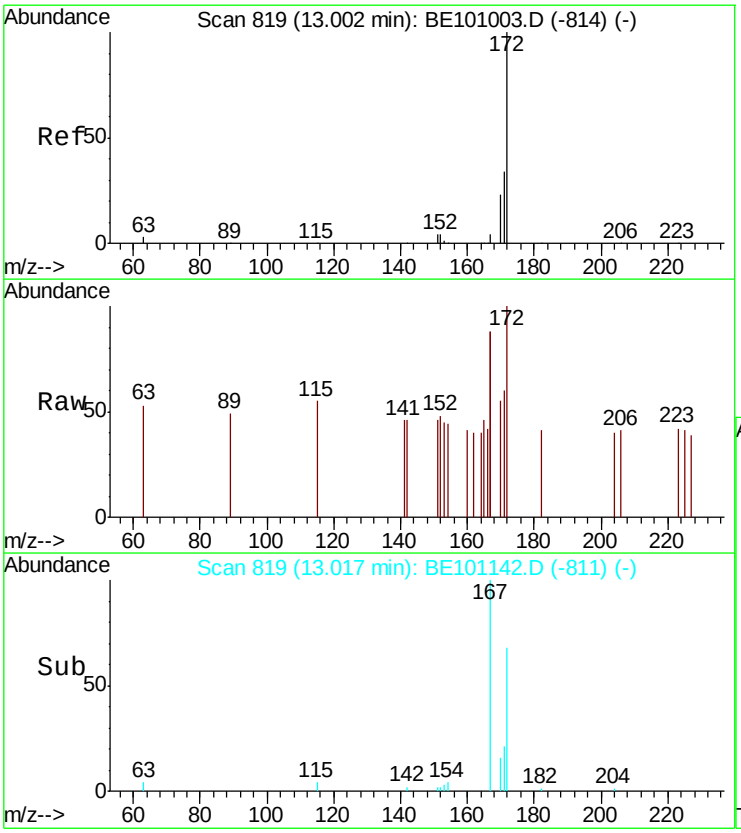
#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.78 min Scan# 1012
Delta R.T. -0.07 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 4

Ion	Ratio	Lower	Upper
330	100		
332	0.0	78.4	117.6#
141	0.0	37.0	55.4#

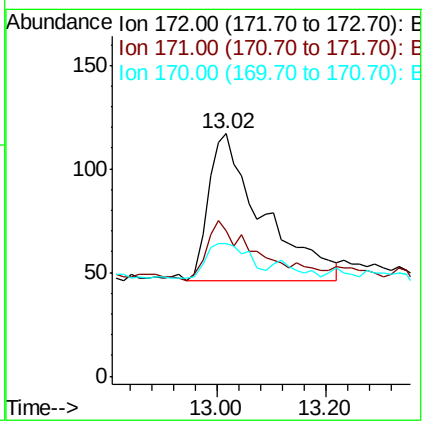


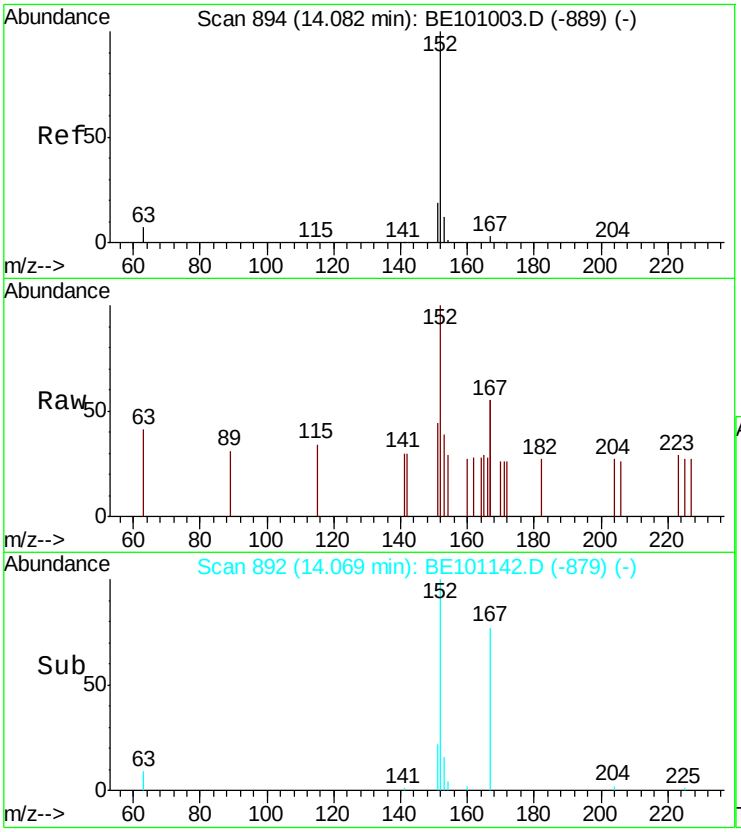


#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.02 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:172 Resp: 491

Ion	Ratio	Lower	Upper
172	100		
171	59.8	28.2	42.2#
170	54.7	18.9	28.3#



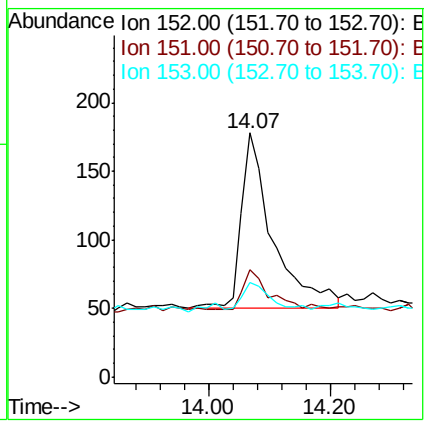


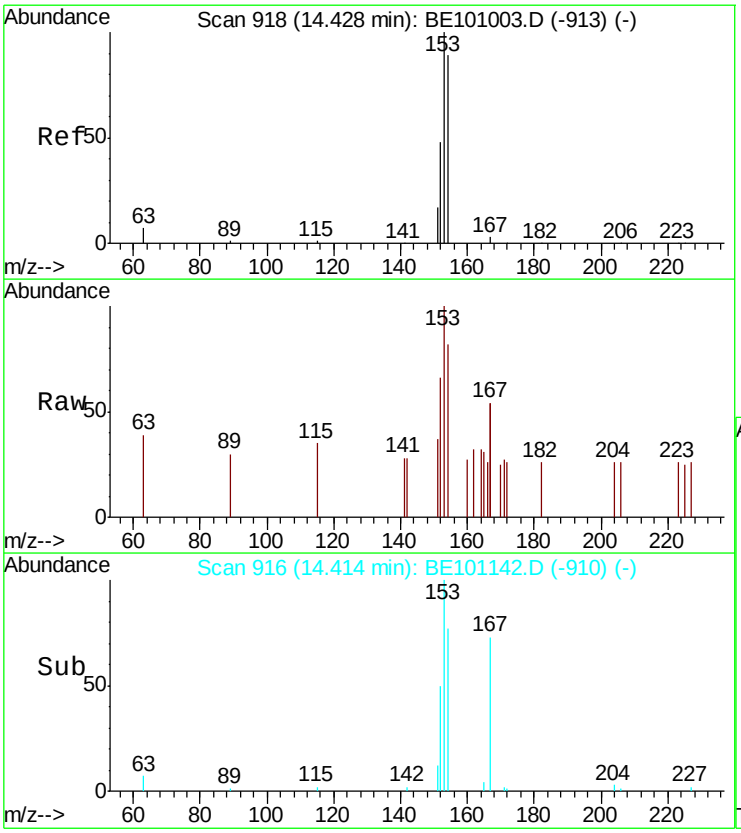
#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 460

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.9	10.4	15.6

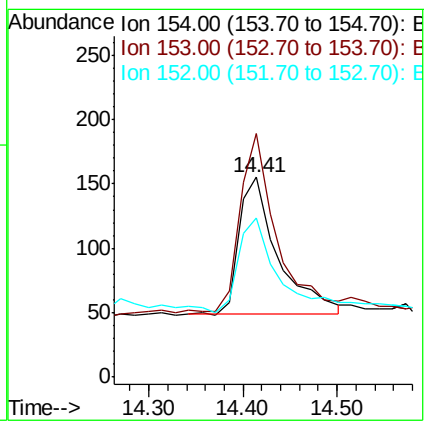


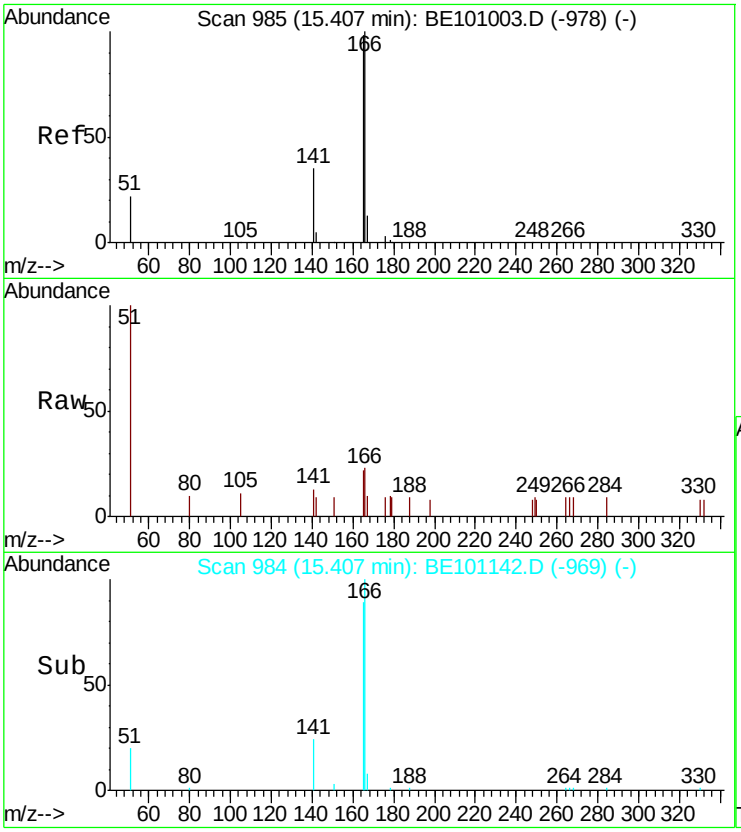


#17
Acenaphthene
Concen: 0.335 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:154 Resp: 307

Ion	Ratio	Lower	Upper
154	100		
153	119.9	93.6	140.4
152	71.0	46.3	69.5#



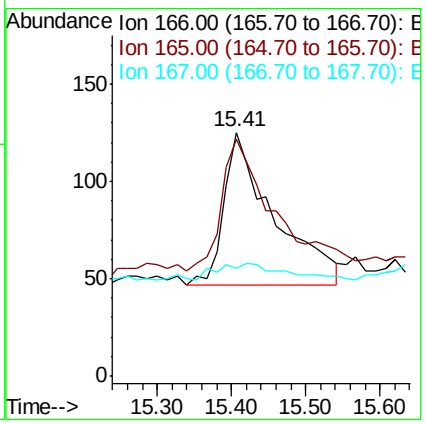


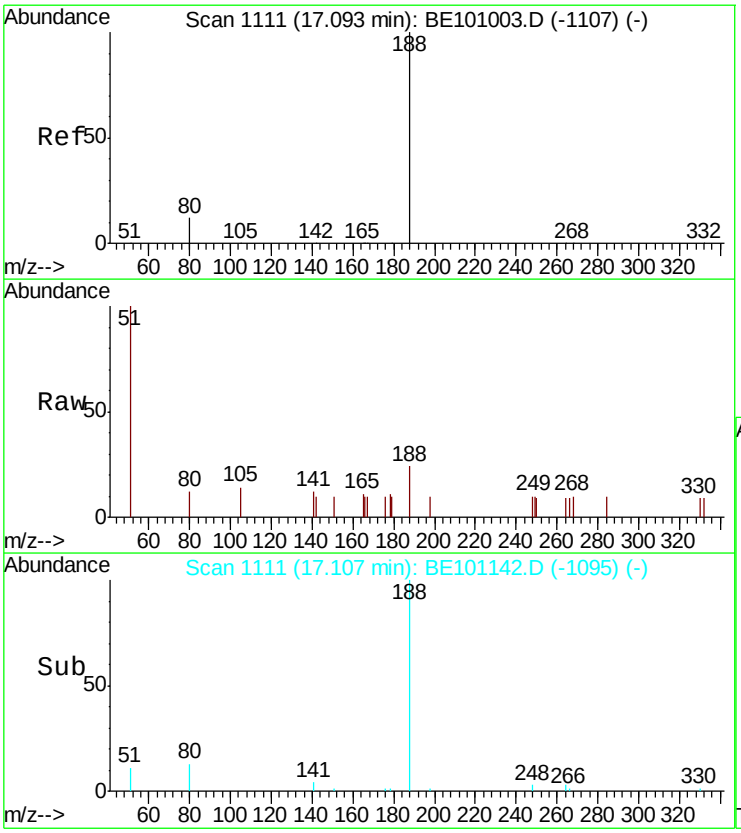
#18
Fluorene
Concen: 0.313 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 362

Ion	Ratio	Lower	Upper
166	100		
165	89.8	79.8	119.8
167	14.9	11.0	16.6

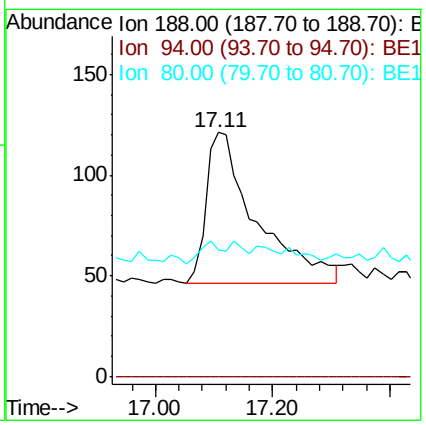


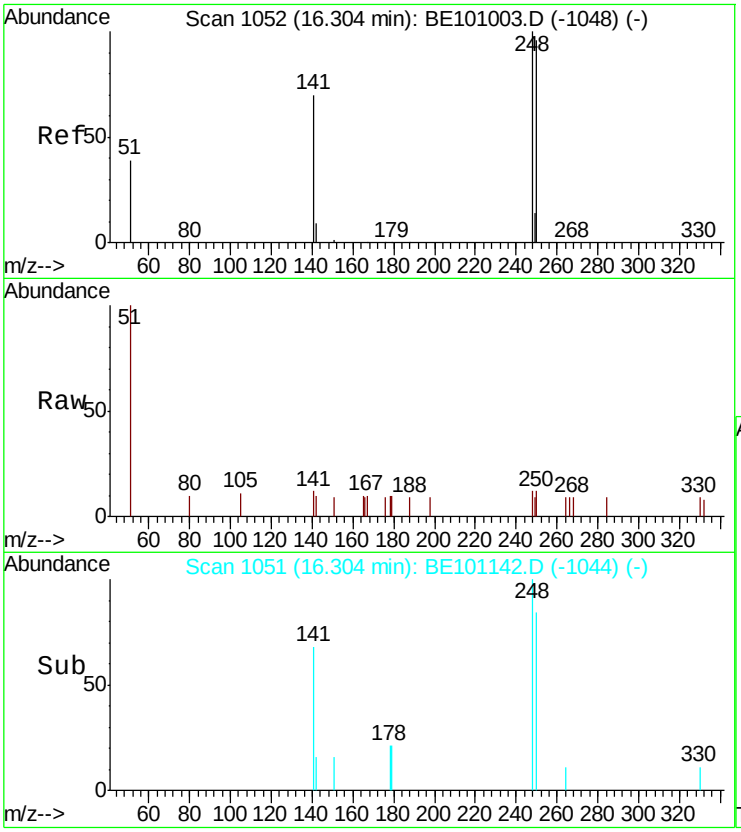


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:188 Resp: 451

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	52.1	10.8	16.2#



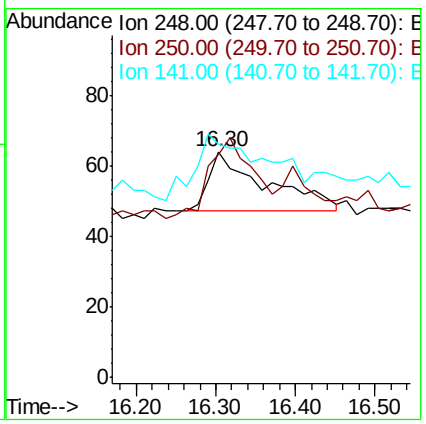


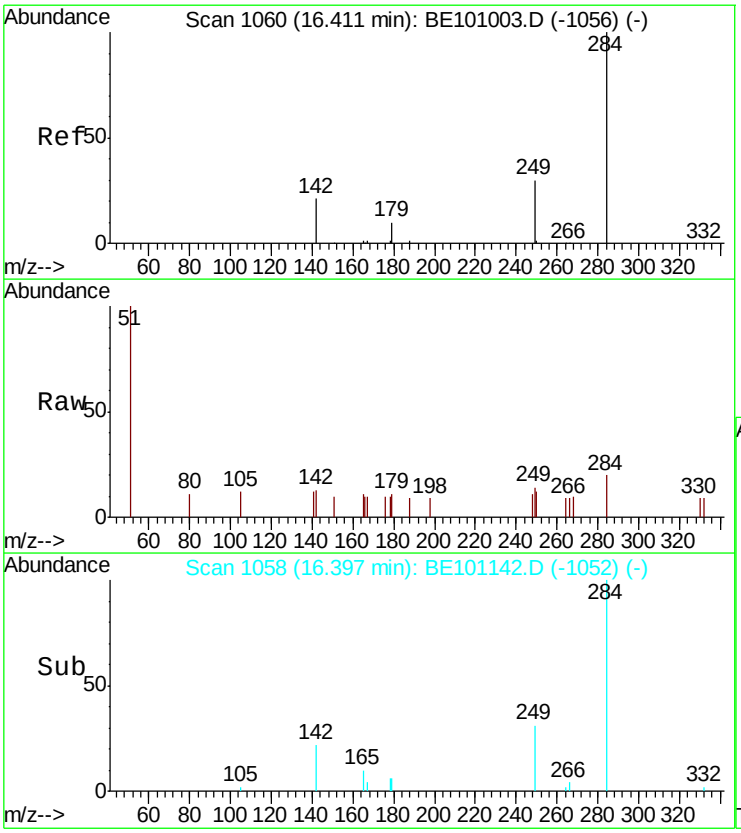
#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 85

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.6	115.0
141	103.1	57.7	86.5#

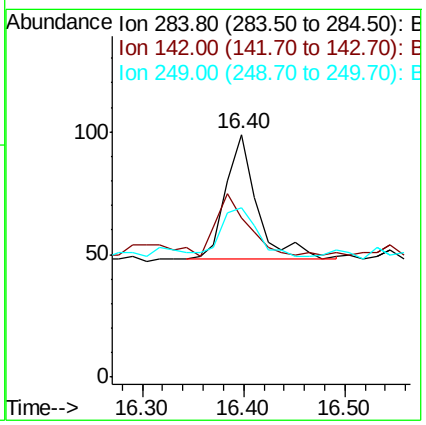


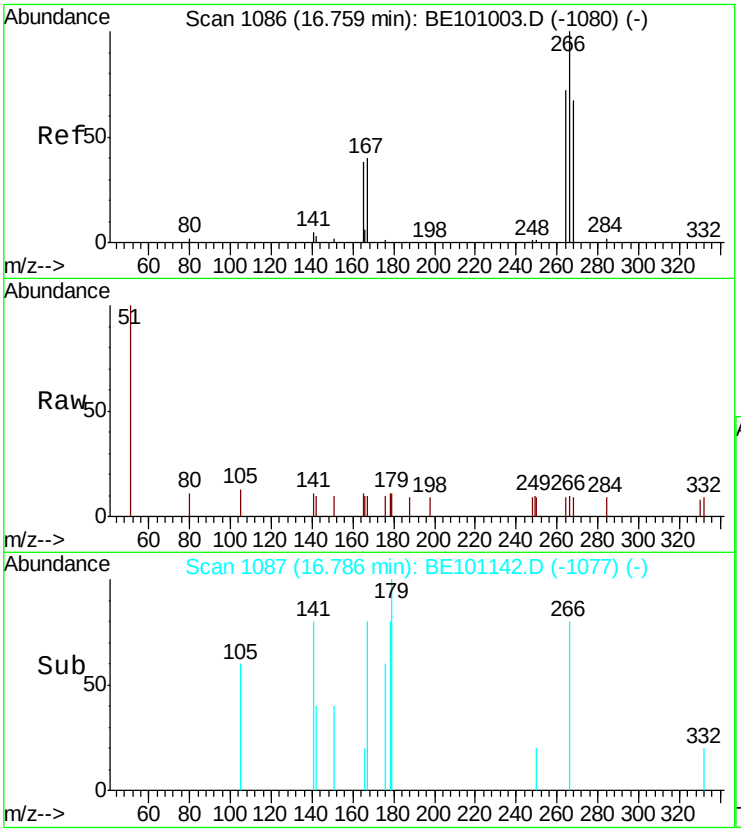


#21
Hexachlorobenzene
Concen: 0.456 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:284 Resp: 110

Ion	Ratio	Lower	Upper
284	100		
142	51.8	34.0	51.0#
249	44.5	28.2	42.4#



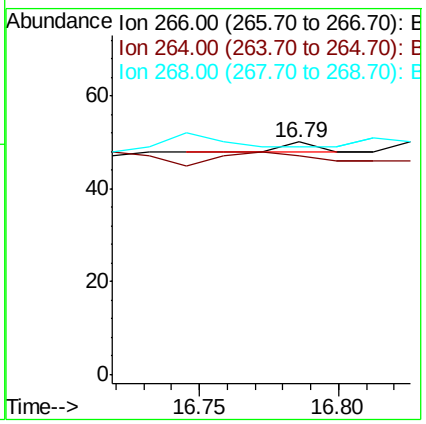


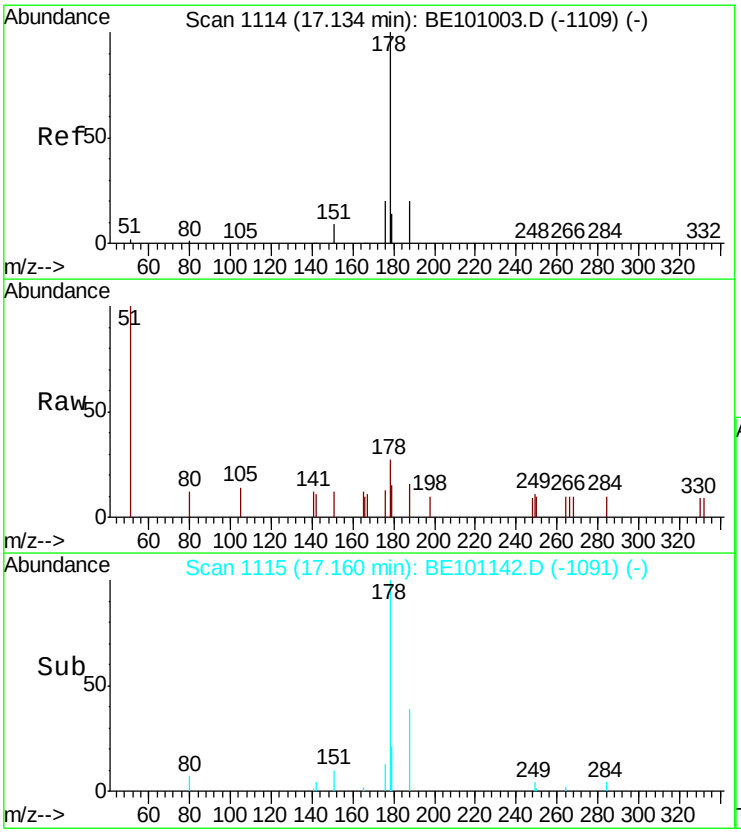
#22
Pentachlorophenol
Concen: 0.273 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.03 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	94.0	61.0	91.4#
268	98.0	58.5	87.7#

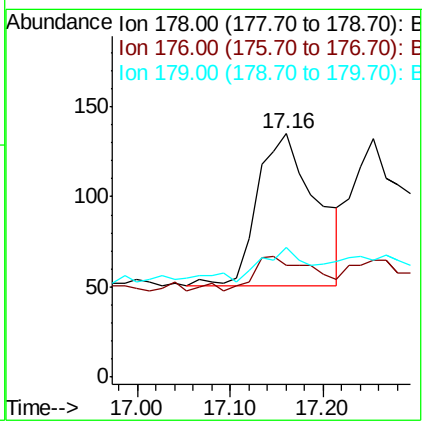


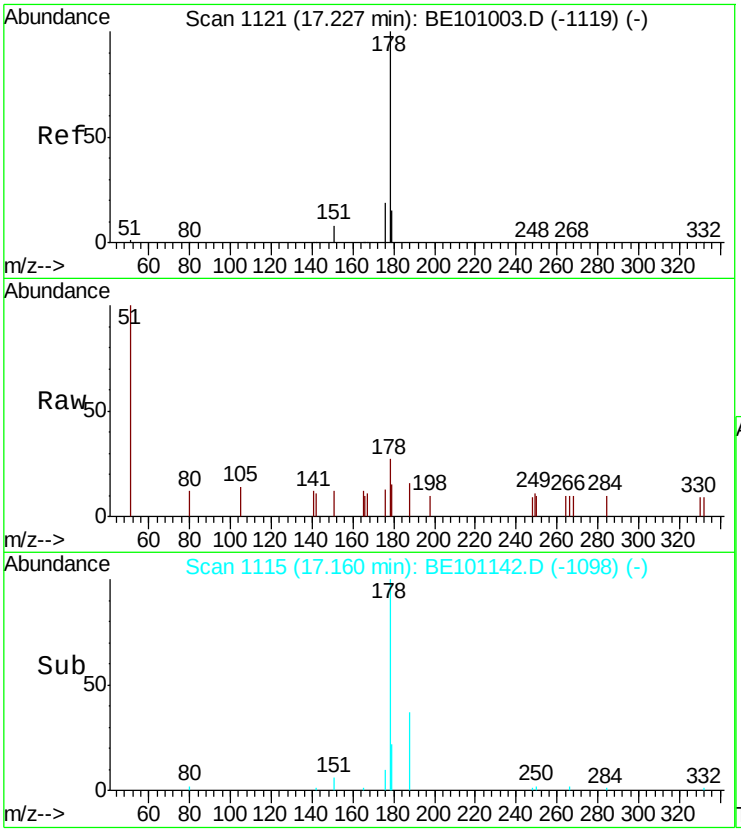


#23
Phenanthrene
Concen: 0.300 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.03 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:178 Resp: 369

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.7	23.5
179	18.2	12.0	18.0#



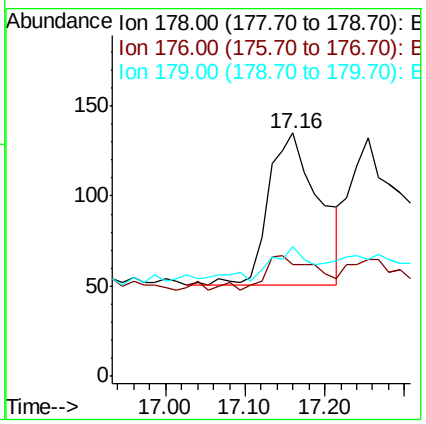


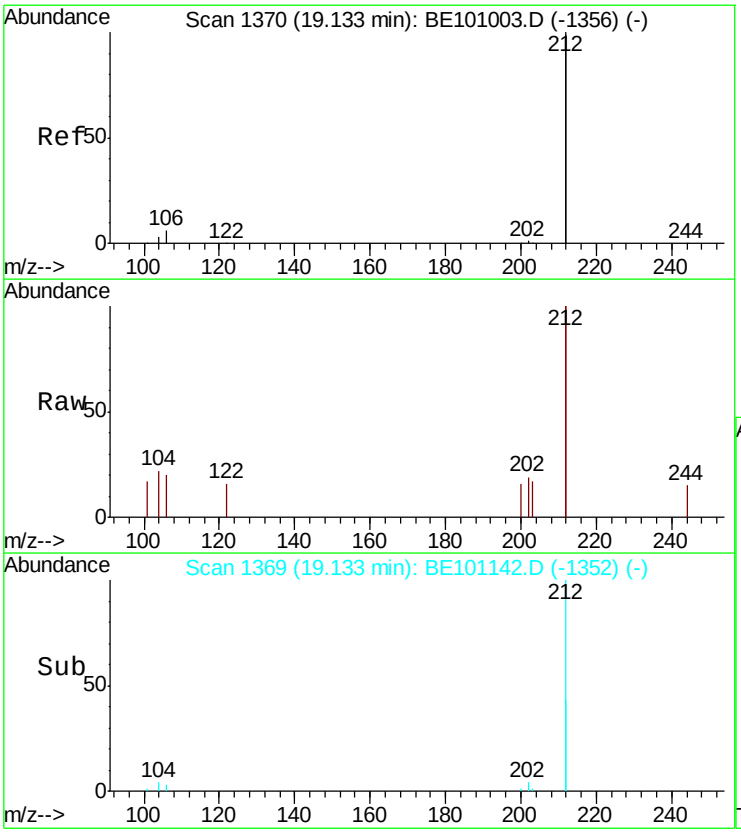
#24
Anthracene
Concen: 0.318 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.07 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 370

Ion	Ratio	Lower	Upper
178	100		
176	22.2	14.8	22.2
179	17.0	12.4	18.6

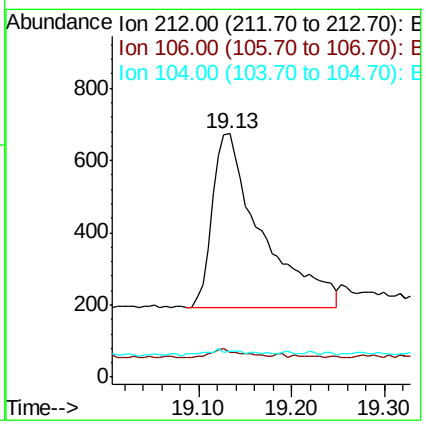


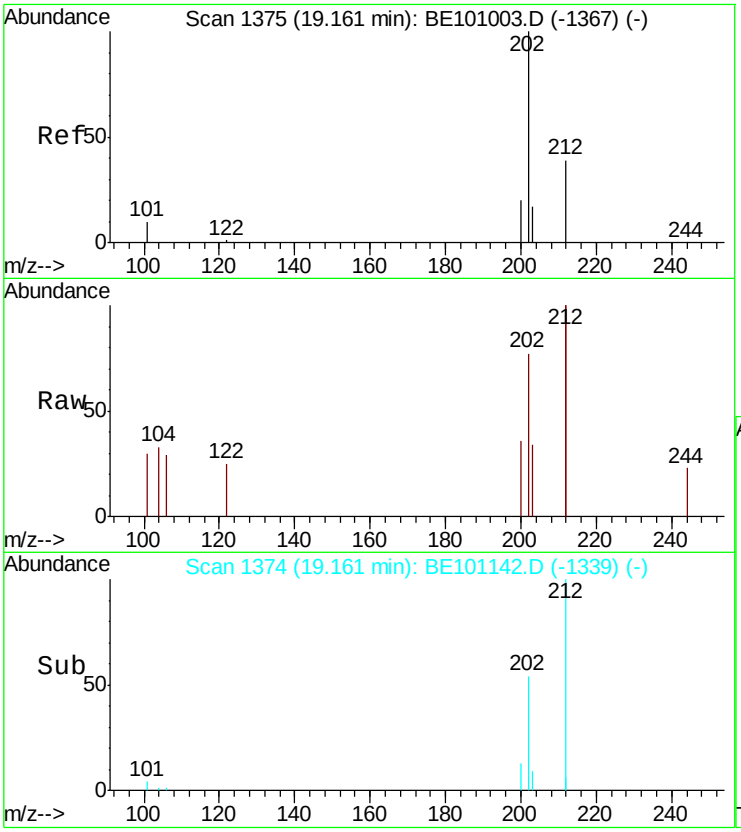


#25
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:212 Resp: 1765

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.6	3.8
104	1.5	1.4	2.0



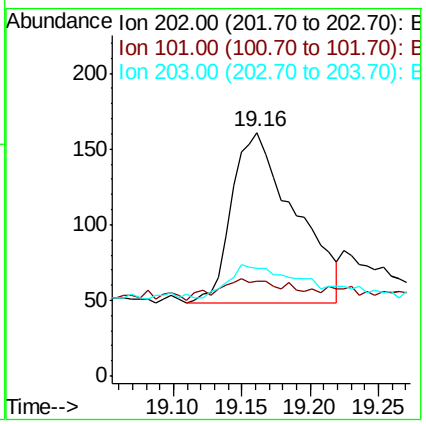


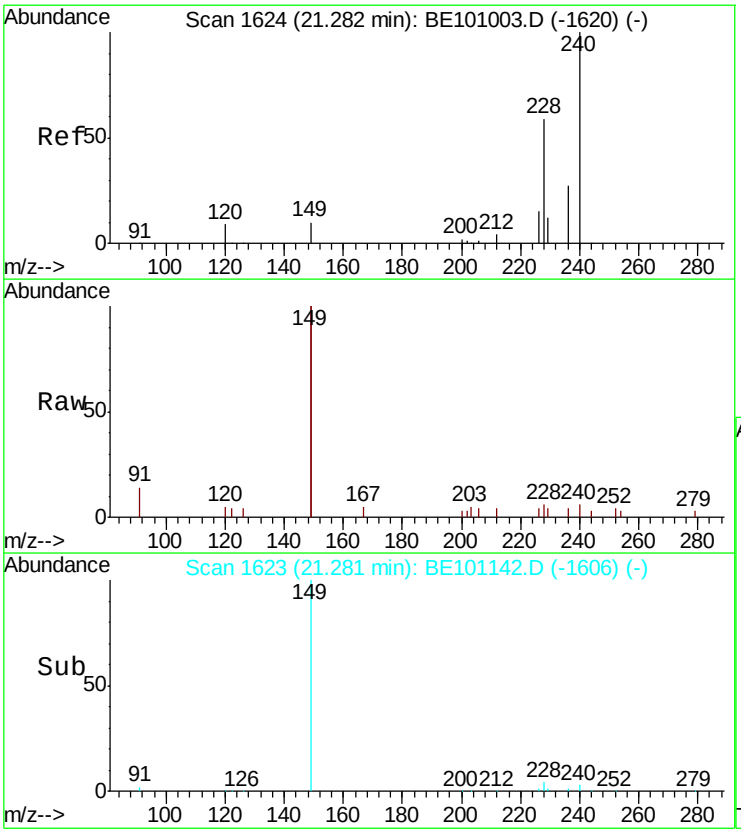
#26
Fluoranthene
Concen: 0.235 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 363

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.6	14.4
203	19.6	13.8	20.6

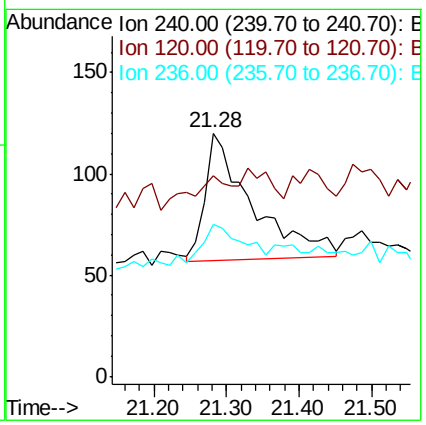


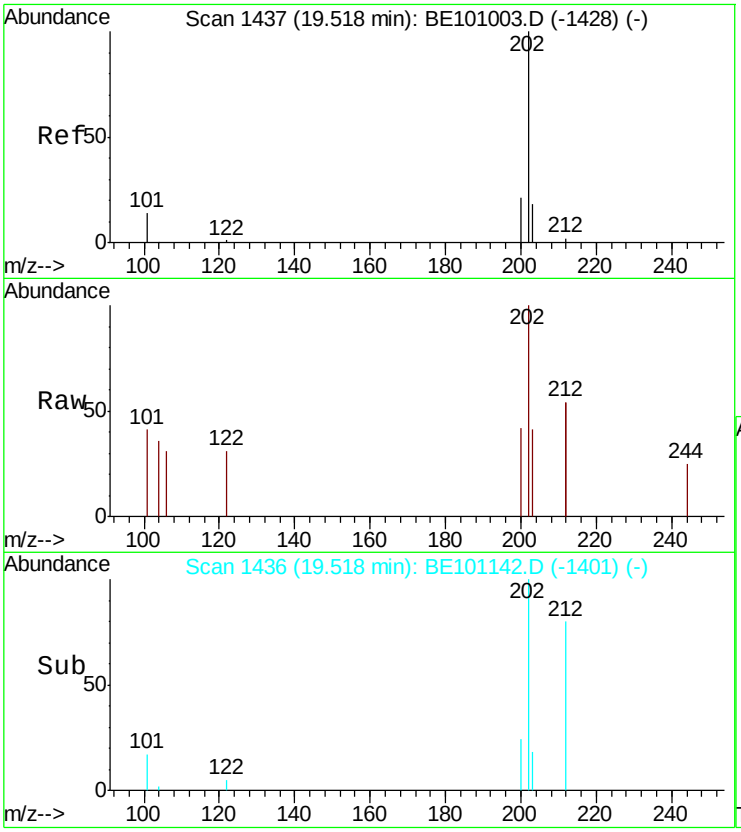


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:240 Resp: 282

Ion	Ratio	Lower	Upper
240	100		
120	82.5	8.6	13.0#
236	62.5	22.2	33.4#



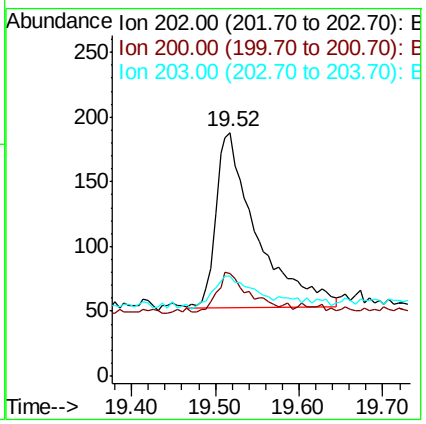


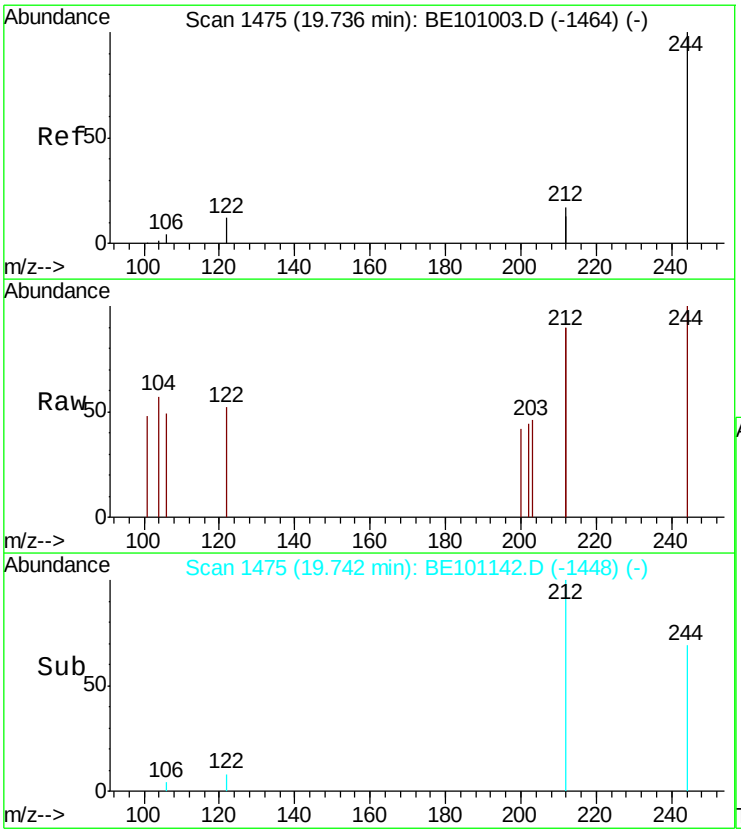
#28
Pyrene
Concen: 0.438 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 460

Ion	Ratio	Lower	Upper
202	100		
200	17.4	17.0	25.4
203	18.9	13.8	20.6

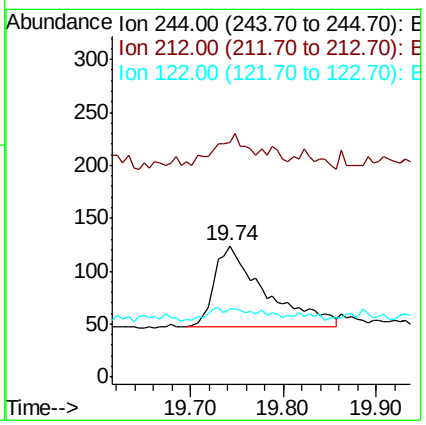


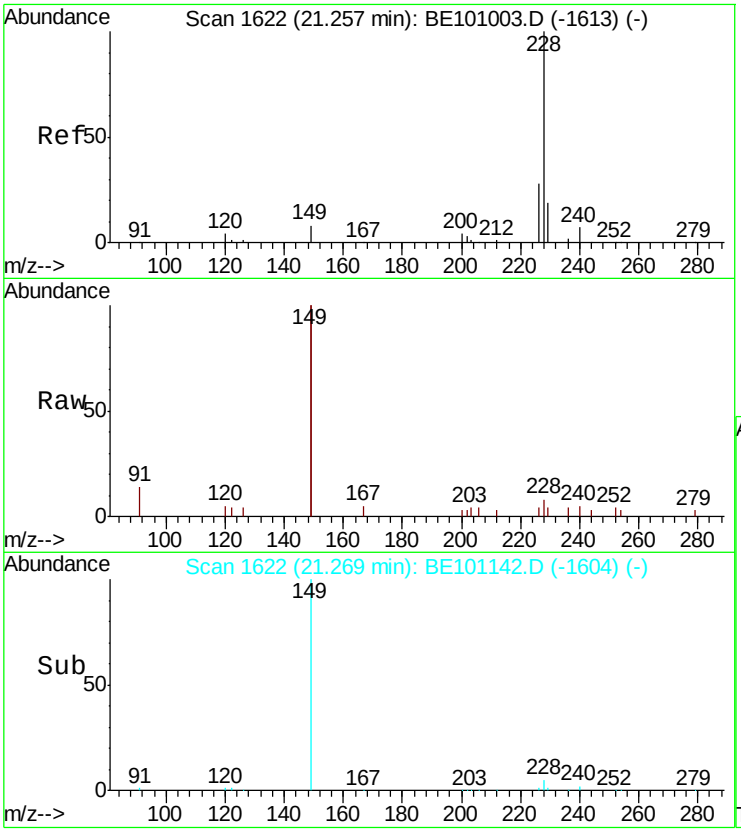


#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.74 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:244 Resp: 282

Ion	Ratio	Lower	Upper
244	100		
212	179.0	27.2	40.8#
122	51.6	9.8	14.8#



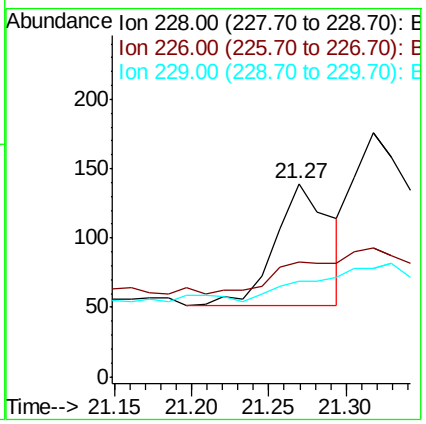


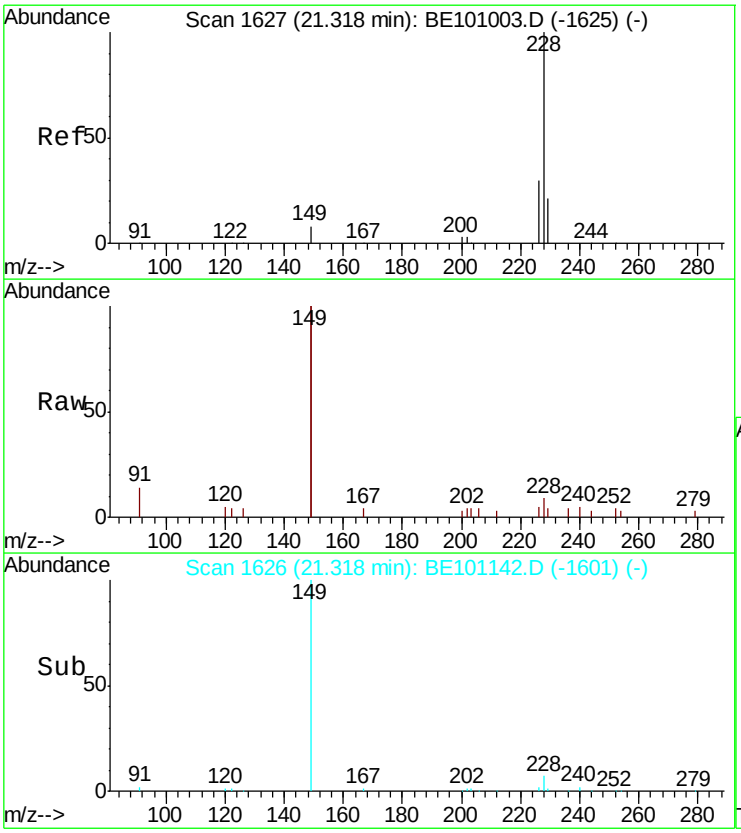
#30
Benzo(a)anthracene
Concen: 0.280 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 225

Ion	Ratio	Lower	Upper
228	100		
226	59.7	22.7	34.1#
229	49.6	15.5	23.3#

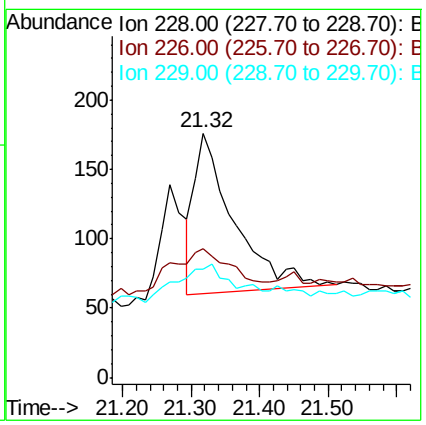


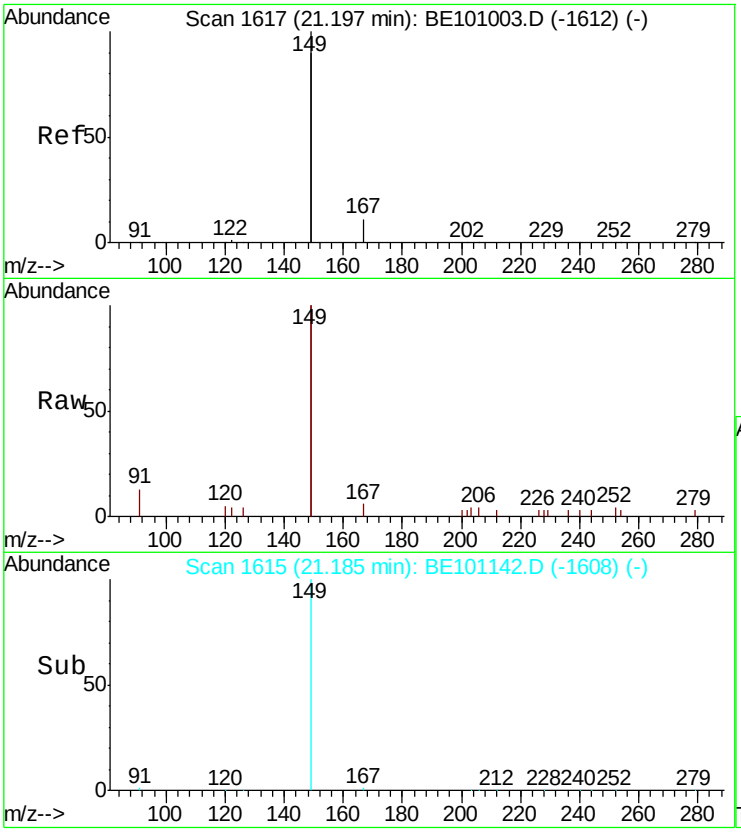


#31
Chrysene
Concen: 0.382 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:228 Resp: 457

Ion	Ratio	Lower	Upper
228	100		
226	52.8	23.5	35.3#
229	44.3	16.7	25.1#



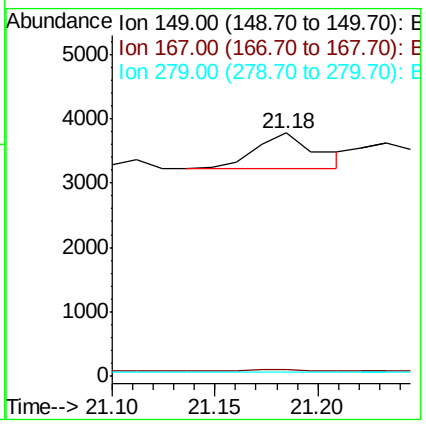


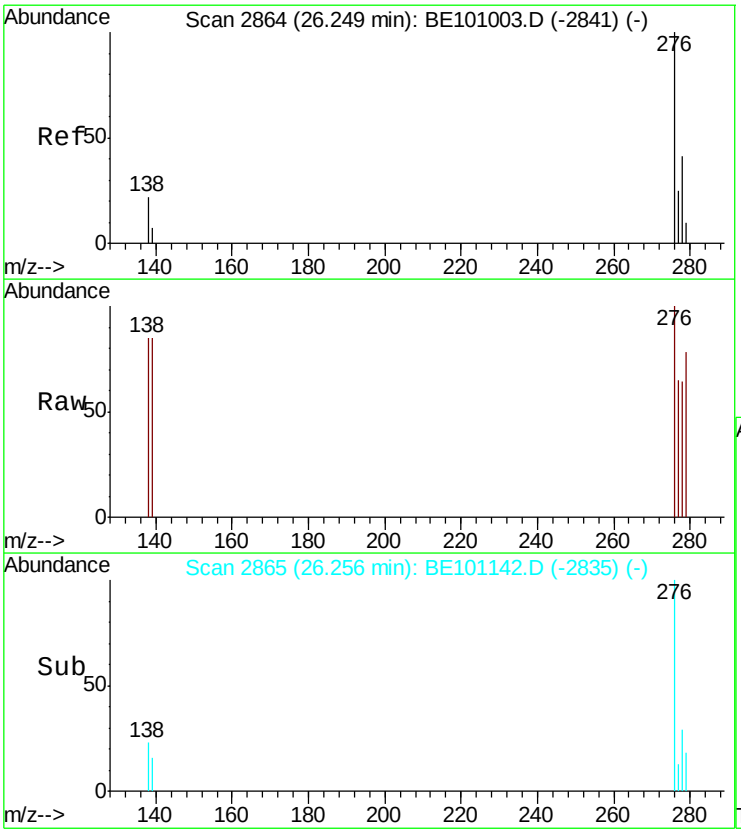
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.823 ng
RT: 21.18 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 1103

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.2	7.8#
279	1.8	0.8	1.2#

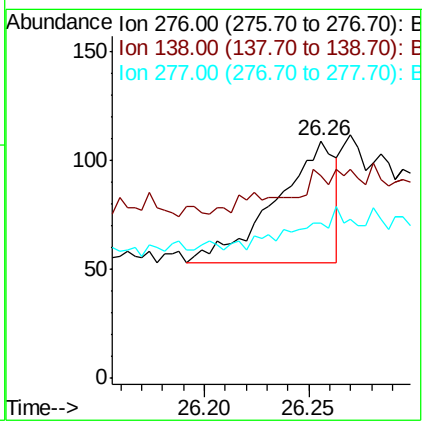


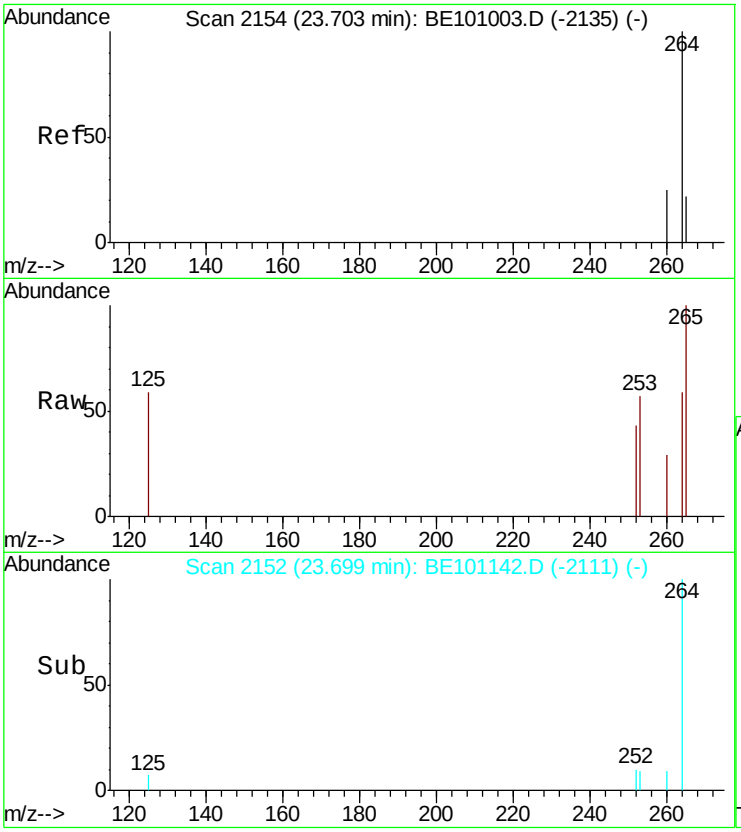


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng
RT: 26.26 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:276 Resp: 110

Ion	Ratio	Lower	Upper
276	100		
138	5.5	16.1	24.1#
277	0.0	18.1	27.1#



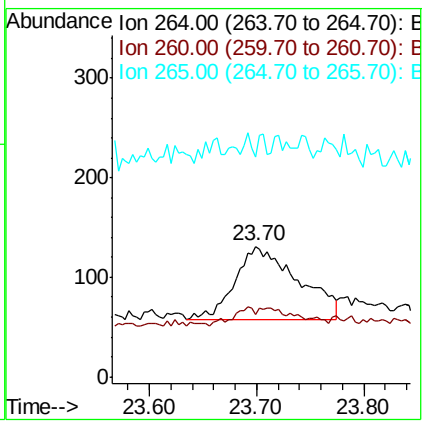


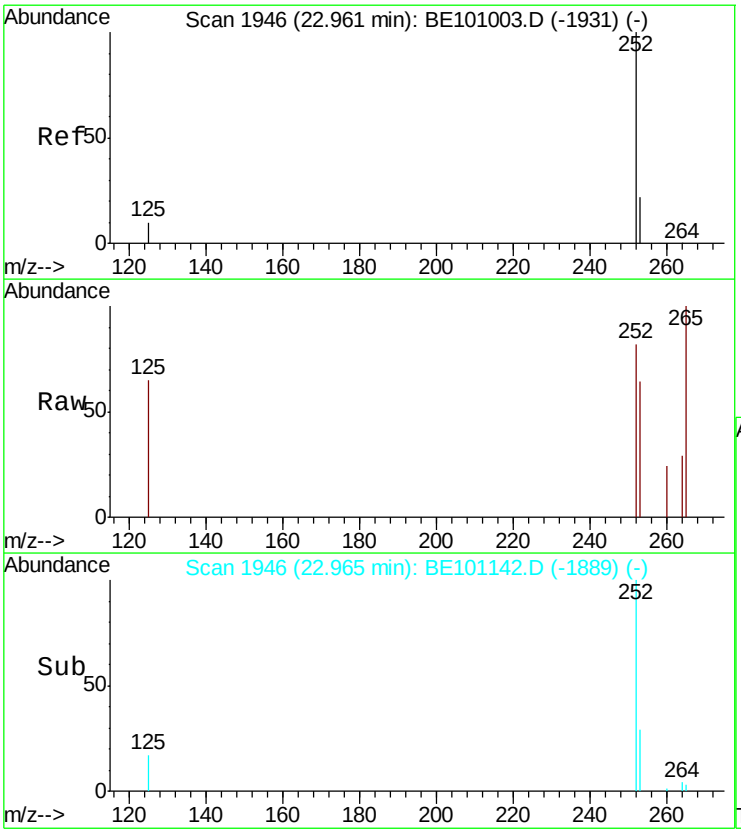
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 295

Ion	Ratio	Lower	Upper
264	100		
260	48.1	20.3	30.5#
265	168.7	27.0	40.4#

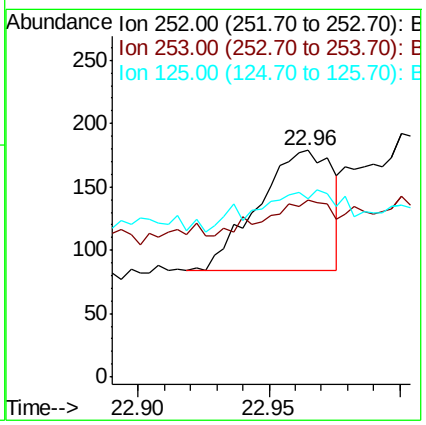


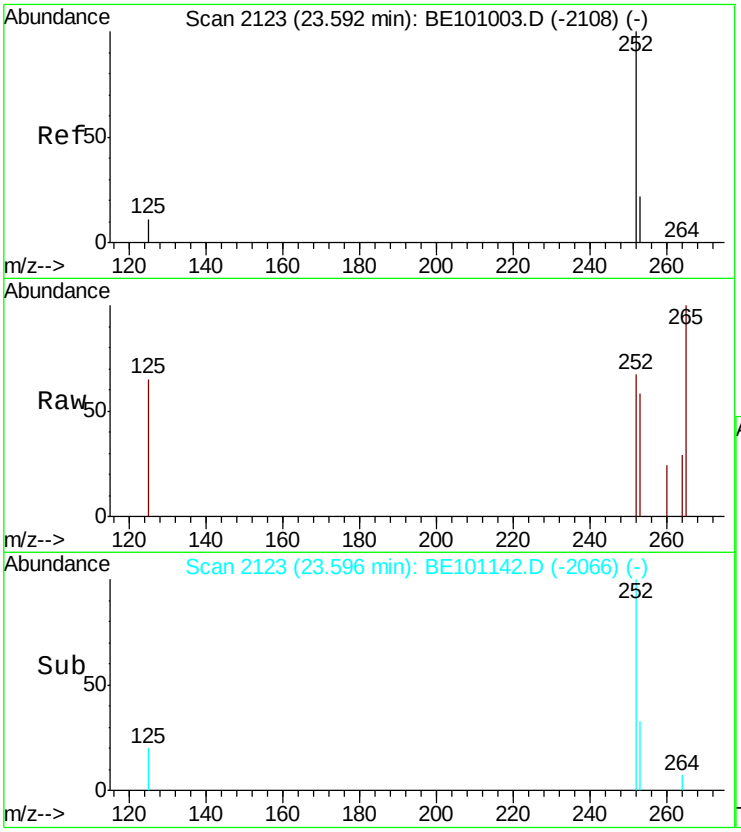


#35
Benzo(b)fluoranthene
Concen: 0.225 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:252 Resp: 186

Ion	Ratio	Lower	Upper
252	100		
253	78.2	18.5	27.7#
125	78.8	9.5	14.3#



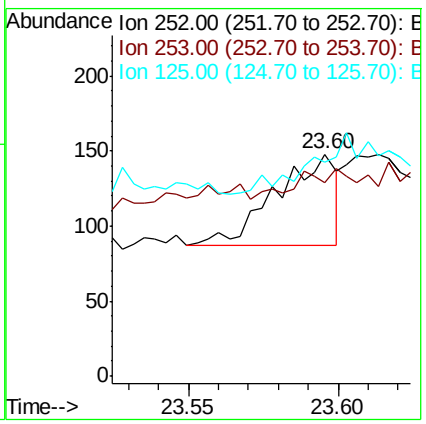


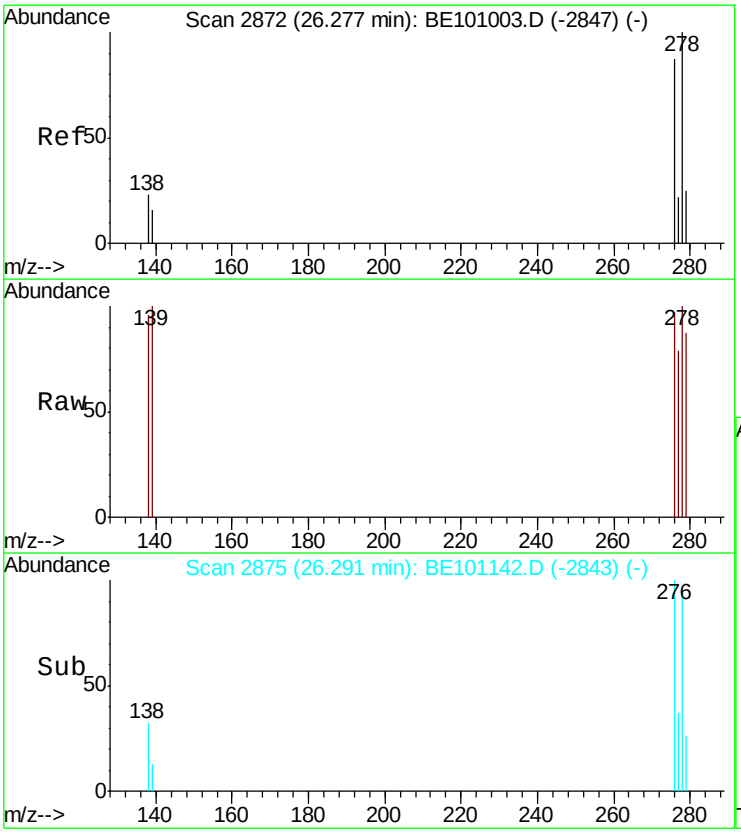
#37
Benzo(a)pyrene
Concen: 0.107 ng
RT: 23.60 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 86

Ion	Ratio	Lower	Upper
252	100		
253	87.2	19.4	29.2#
125	96.6	11.8	17.6#

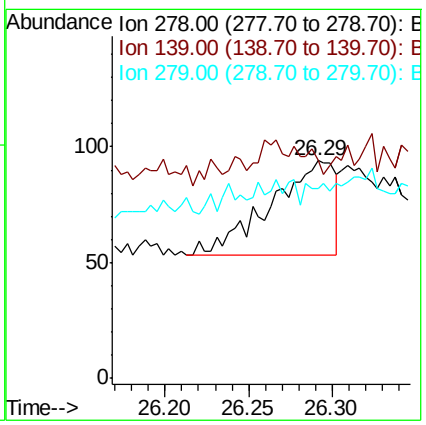


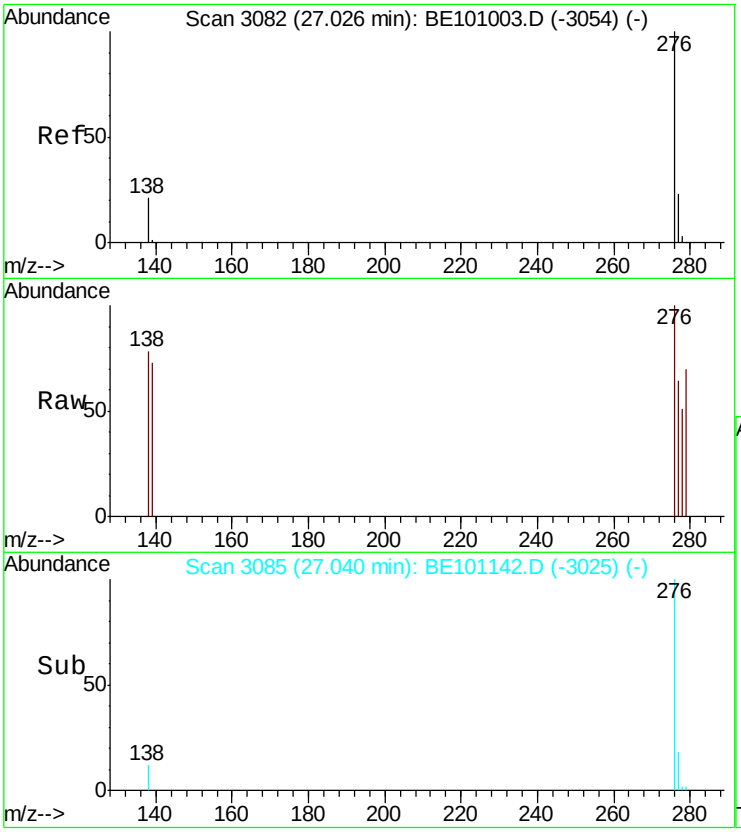


#38
Dibenzo(a,h)anthracene
Concen: 0.149 ng
RT: 26.29 min Scan# 2875
Delta R.T. 0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Tgt Ion:278 Resp: 110

Ion	Ratio	Lower	Upper
278	100		
139	100.0	15.0	22.4#
279	87.2	22.6	33.8#





#39
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 27.04 min Scan# 3085
Delta R.T. 0.01 min
Lab File: BE101142.D
Acq: 7 Feb 2020 17:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 173

Ion	Ratio	Lower	Upper
276	100		
277	63.7	19.4	29.2#
138	77.9	17.9	26.9#