Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
Data File : BN008739.D
Acq On : 23 Nov 2019 21:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 25 11:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4474	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	17147	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	11002	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	23730	0.40	ng		0.00
27) Chrysene-d12	21.16	240	23243	0.40	ng		0.00
34) Perylene-d12	23.32	264	23366	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	4754	0.41	ng		0.00
5) Phenol-d6	6.78	99	6250	0.42	ng		0.00
8) Nitrobenzene-d5	8.72	82	6174	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.94	152	10975	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	2040	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	17196	0.40	ng		0.00
25) Fluoranthene-d10	19.00	212	27560	0.40	ng		0.00
29) Terphenyl-d14	19.61	244	22426	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1834	0.388	ng		97
3) n-Nitrosodimethylamine	3.53	42	2212	0.377	ng	#	100
6) bis(2-Chloroethyl)ether	7.03	93	5784	0.417	ng		99
9) Naphthalene	10.39	128	18413	0.402	ng		99
10) Hexachlorobutadiene	10.70	225	3786	0.399	ng	#	100
12) 2-Methylnaphthalene	12.02	142	12992	0.408	ng		99
16) Acenaphthylene	13.93	152	20416	0.403	ng		100
17) Acenaphthene	14.28	154	13166	0.395	ng		99
18) Fluorene	15.27	166	17164	0.402	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	5908	0.399	ng		97
21) Hexachlorobenzene	16.28	284	6586	0.404	ng		99
22) Pentachlorophenol	16.62	266	1935	0.331	ng		98
23) Phenanthrene	17.00	178	29041	0.397	ng		100
24) Anthracene	17.09	178	25840	0.395	ng		99
26) Fluoranthene	19.03	202	33531	0.390	ng		100
28) Pyrene	19.39	202	33954	0.396	ng		100
30) Benzo(a)anthracene	21.14	228	32867	0.386	ng		99
31) Chrysene	21.20	228	33355	0.405	ng		98
32) Bis(2-ethylhexyl)phthalate	21.10	149	18302	0.331	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	36852	0.401	ng		99
35) Benzo(b)fluoranthene	22.68	252	32473	0.402	ng		98
36) Benzo(k)fluoranthene	22.72	252	32835	0.401	ng		97
37) Benzo(a)pyrene	23.23	252	29457	0.394	ng		97
38) Dibenzo(a,h)anthracene	25.46	278	29725	0.403	ng		99
39) Benzo(g,h,i)perylene	26.09	276	29472	0.400	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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Quant Time: Nov 25 11:48:06 2019
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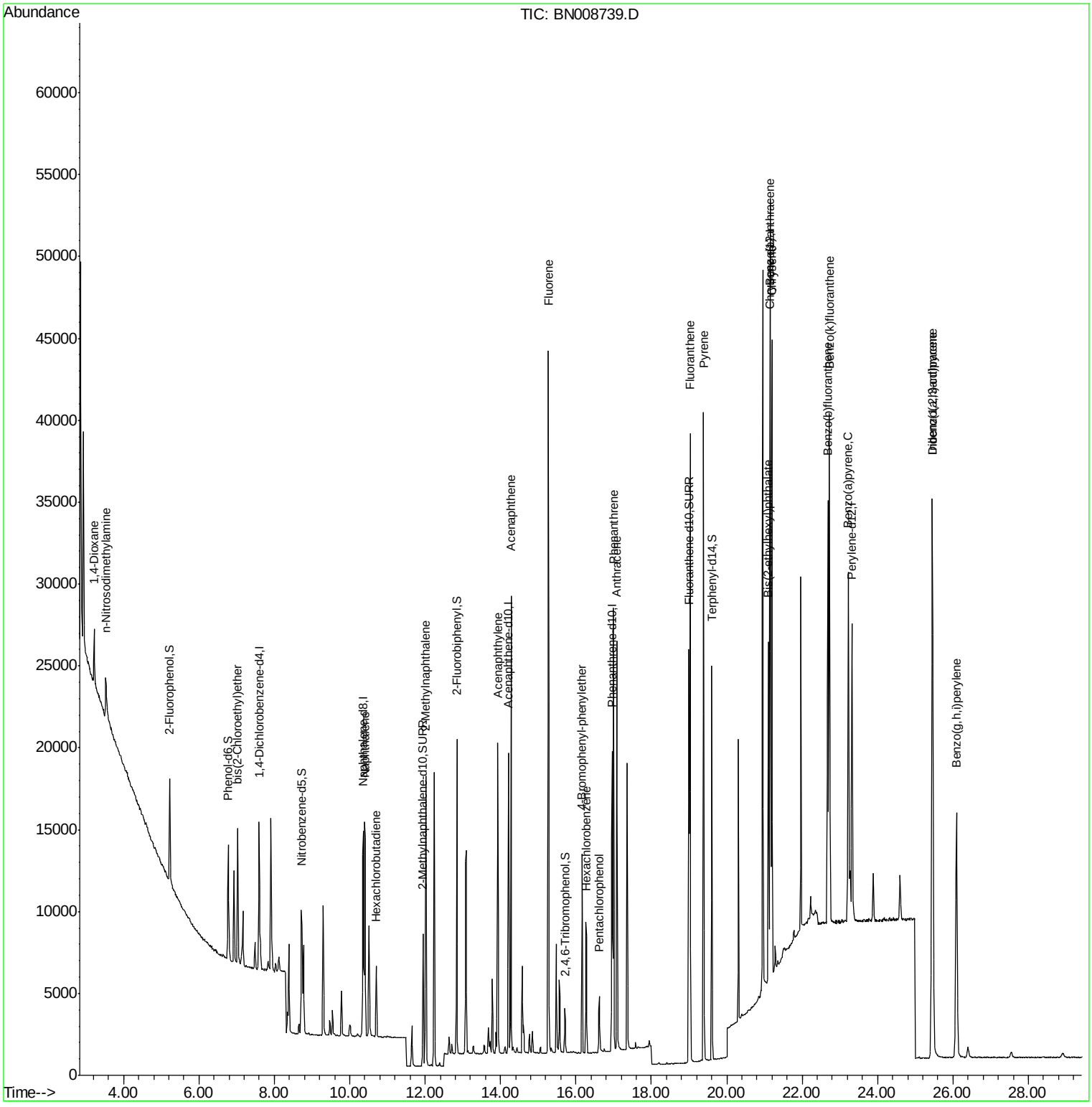
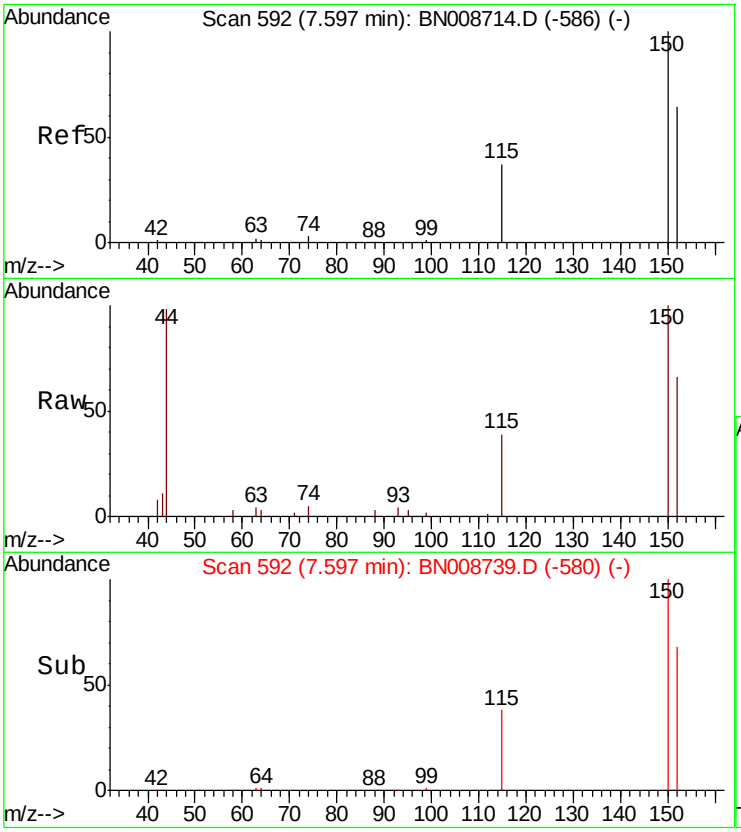
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:49:40 2019
Response via : Initial Calibration



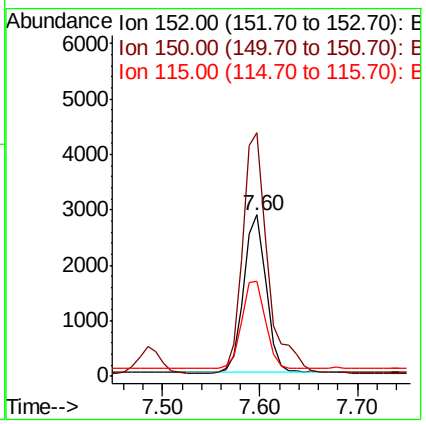


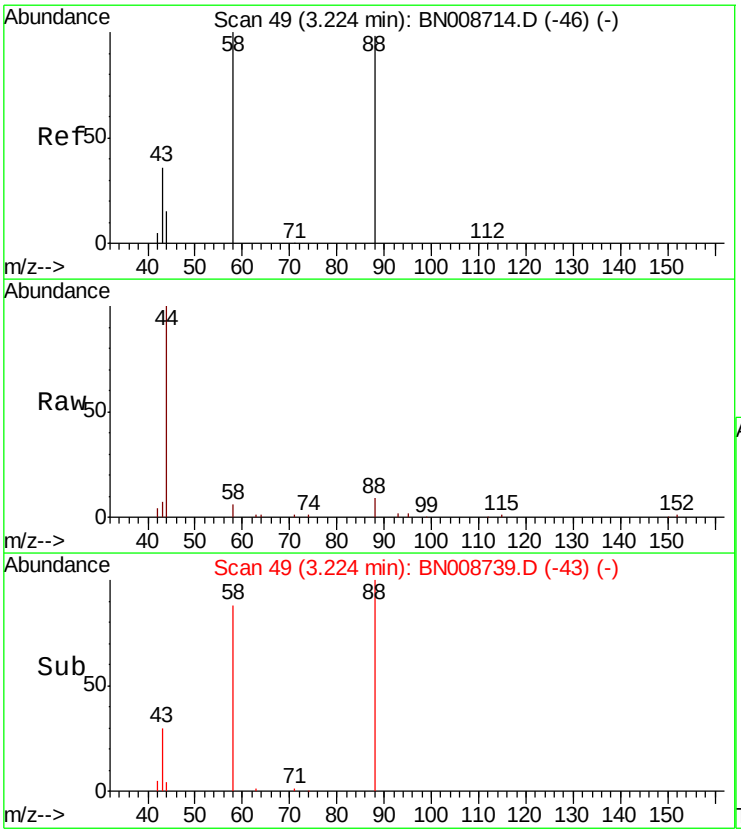
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4474

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.0	186.0
115	58.8	49.8	74.8

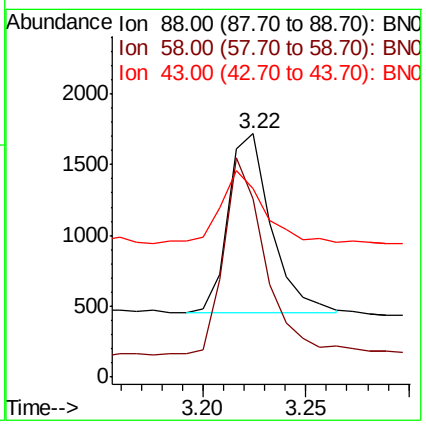


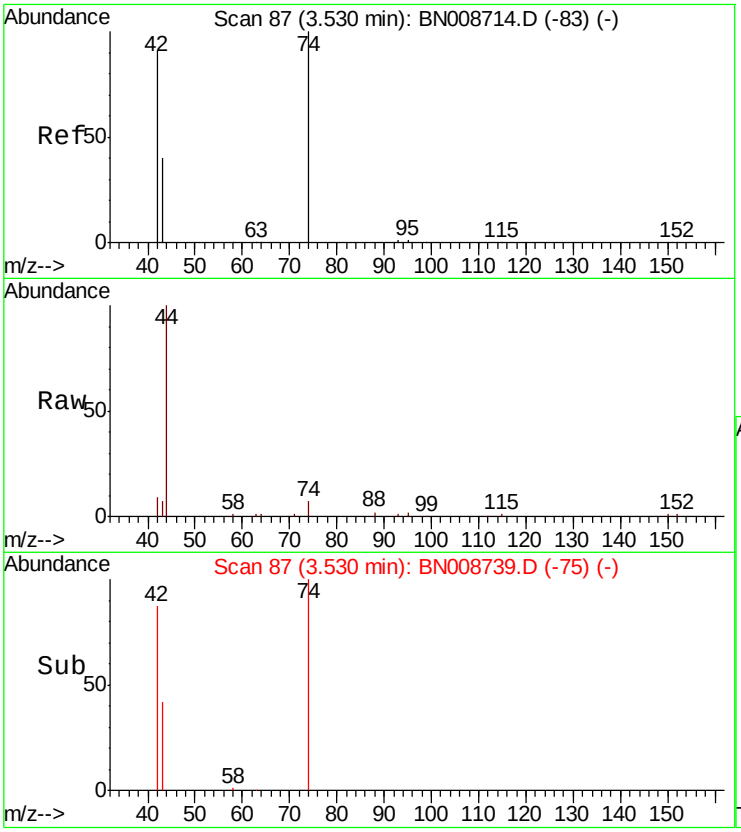


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion: 88 Resp: 1834

Ion	Ratio	Lower	Upper
88	100		
58	103.4	85.7	128.5
43	38.1	29.5	44.3



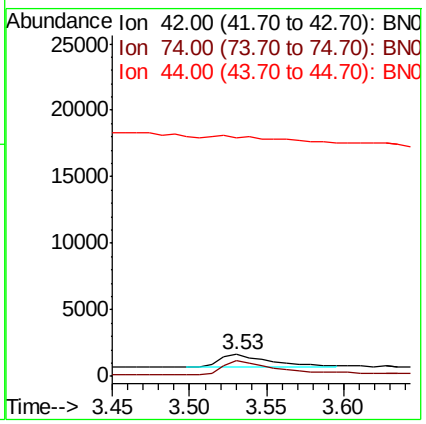


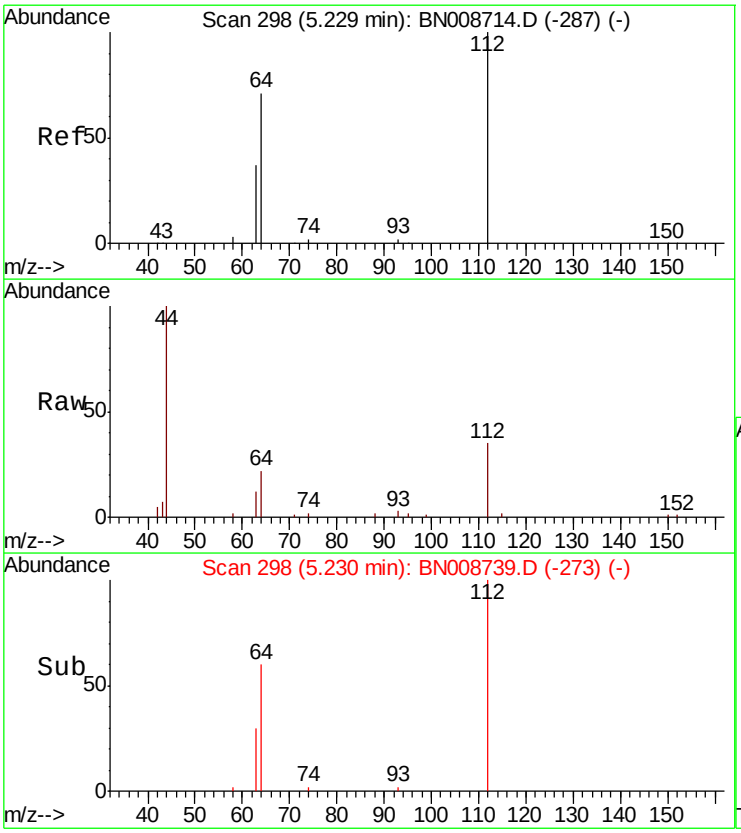
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2212

Ion	Ratio	Lower	Upper
42	100		
74	109.7	88.0	132.0
44	0.0	0.0	0.0

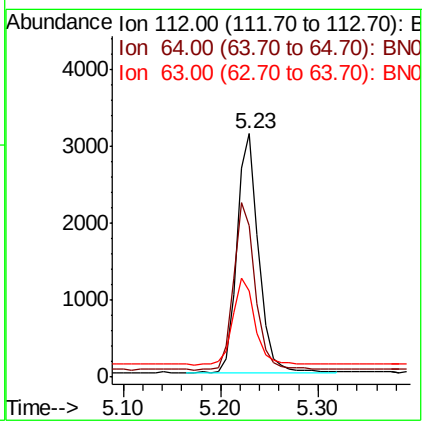


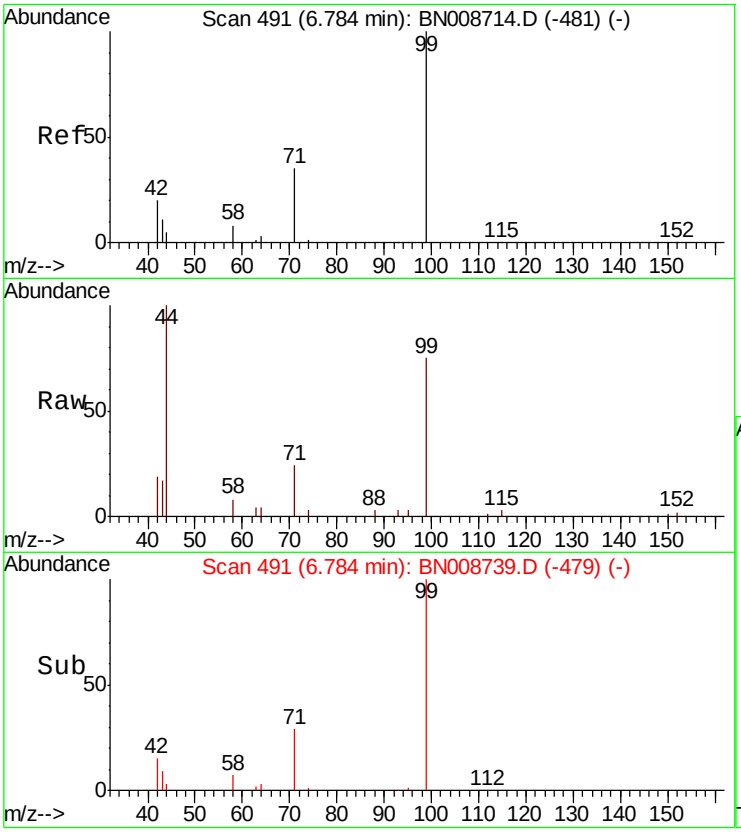


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:112 Resp: 4754

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.1	85.7
63	37.3	29.7	44.5



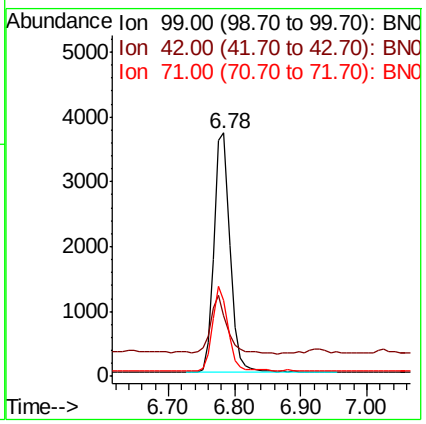


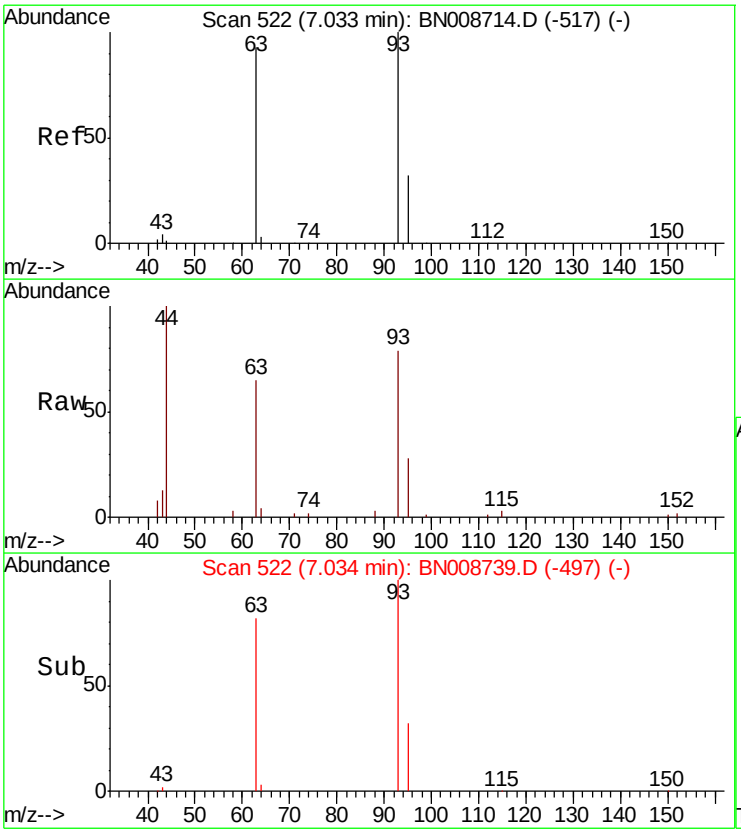
#5
Phenol-d6
Concen: 0.422 ng
RT: 6.78 min Scan# 491
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6250

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.4	29.2
71	33.4	27.5	41.3

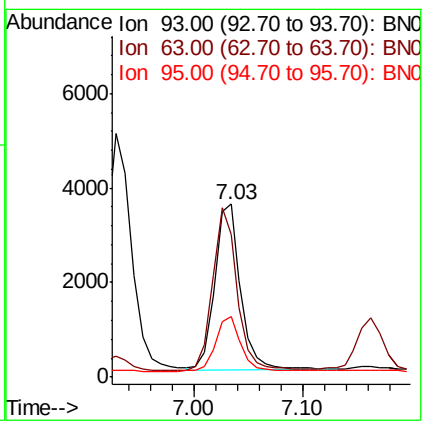


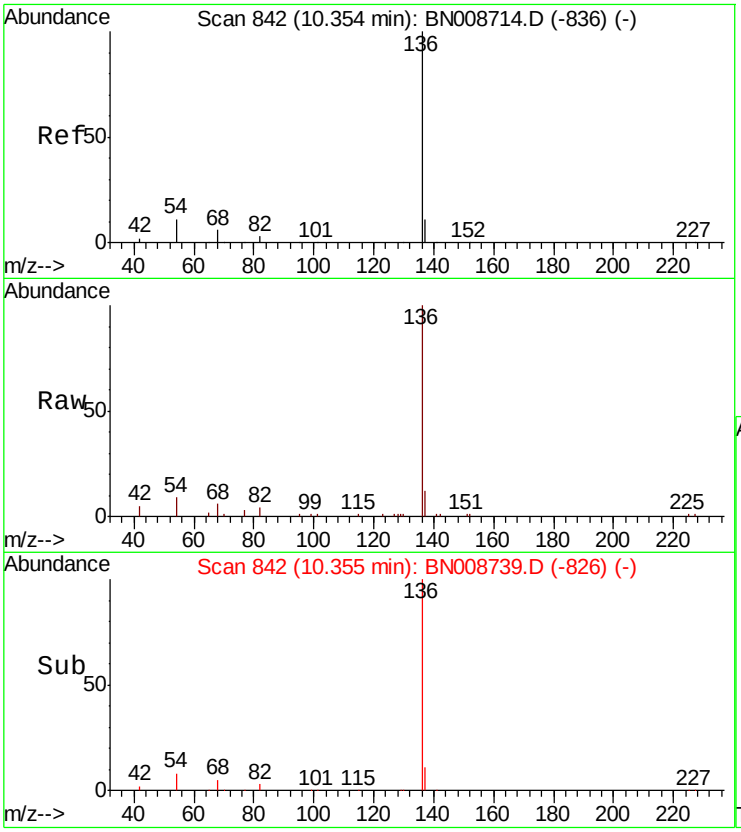


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 7.03 min Scan# 522
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion: 93 Resp: 5784

Ion	Ratio	Lower	Upper
93	100		
63	93.6	74.2	111.4
95	32.5	26.2	39.2



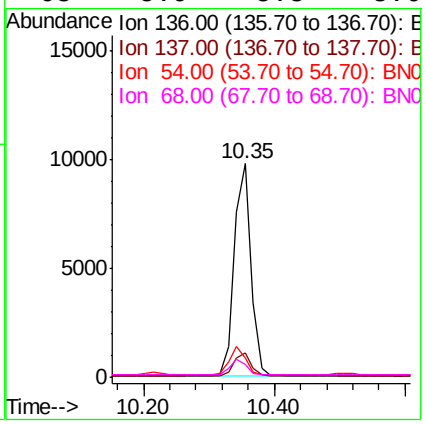


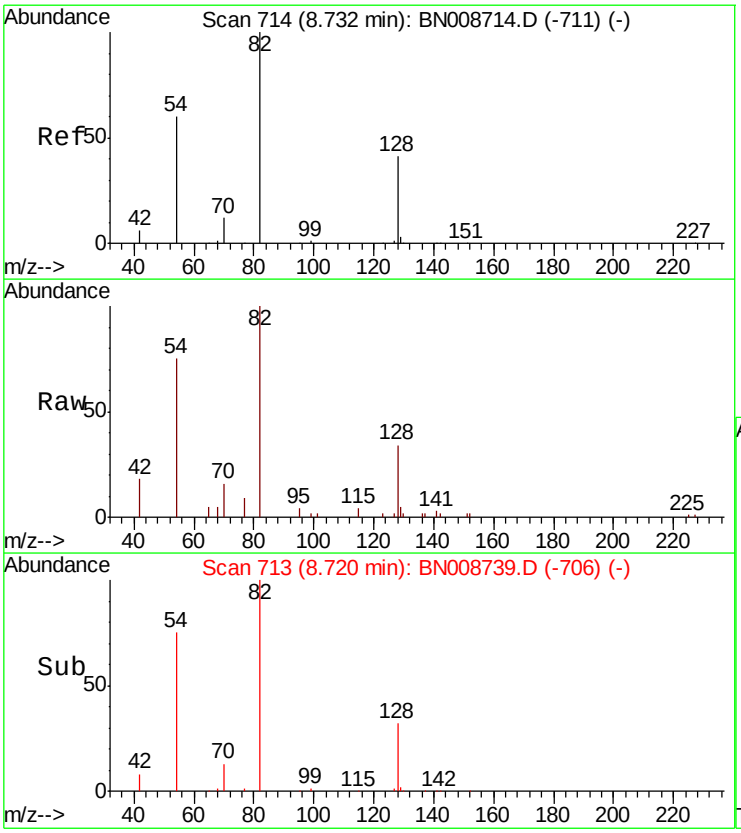
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17147

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.0	9.4	14.2#
68	5.9	5.8	8.6

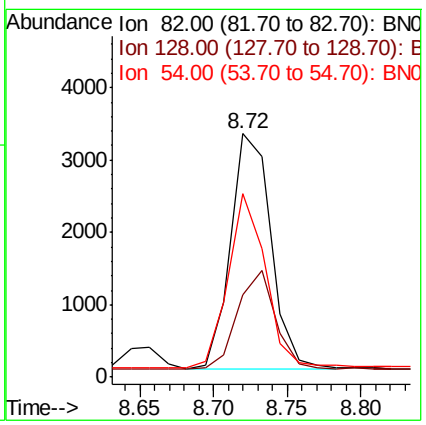


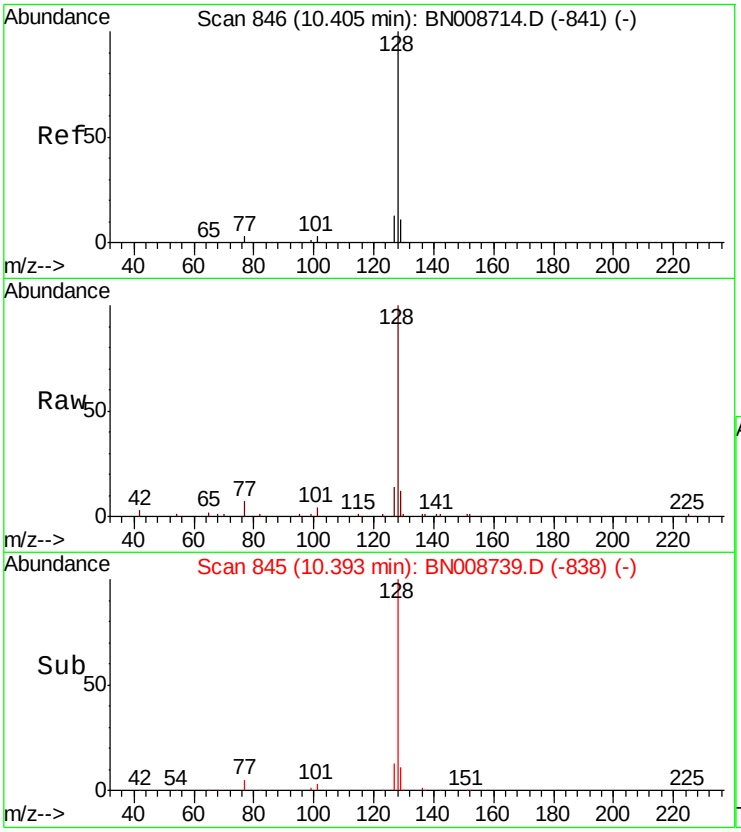


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion: 82 Resp: 6174

Ion	Ratio	Lower	Upper
82	100		
128	34.0	34.6	52.0#
54	75.2	50.2	75.4



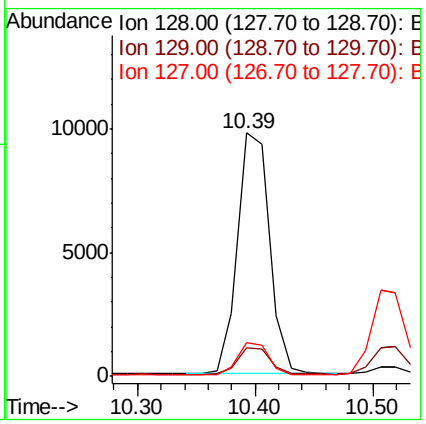


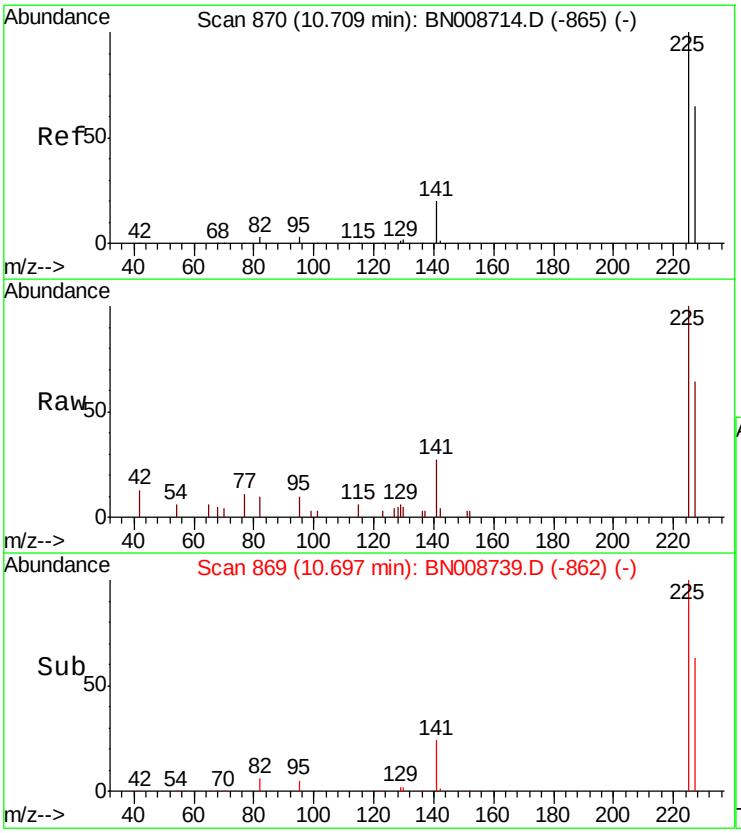
#9
Naphthalene
Concen: 0.402 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18413

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.9	10.5	15.7

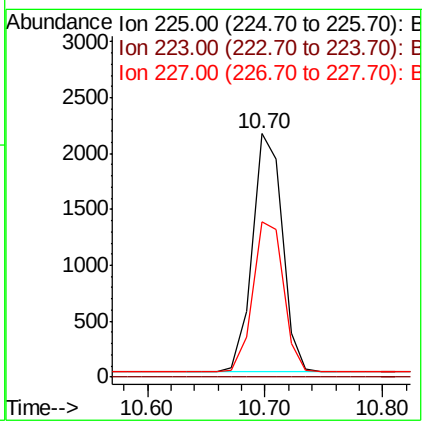


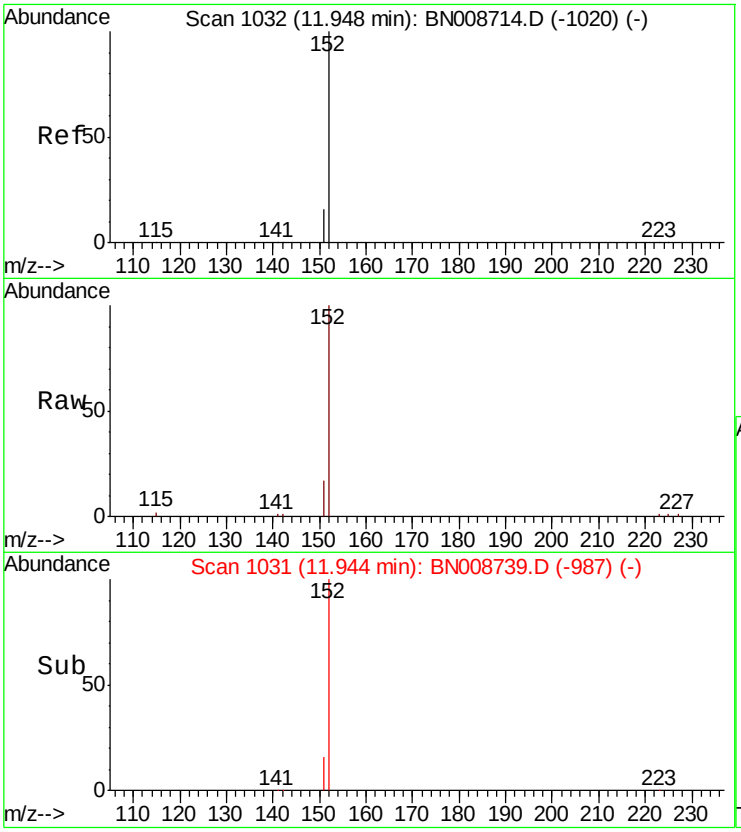


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.70 min Scan# 869
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:225 Resp: 3786

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.8	77.6



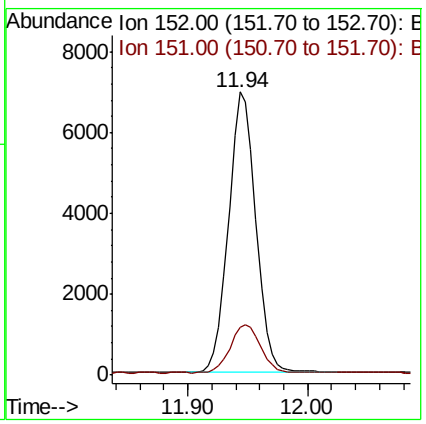


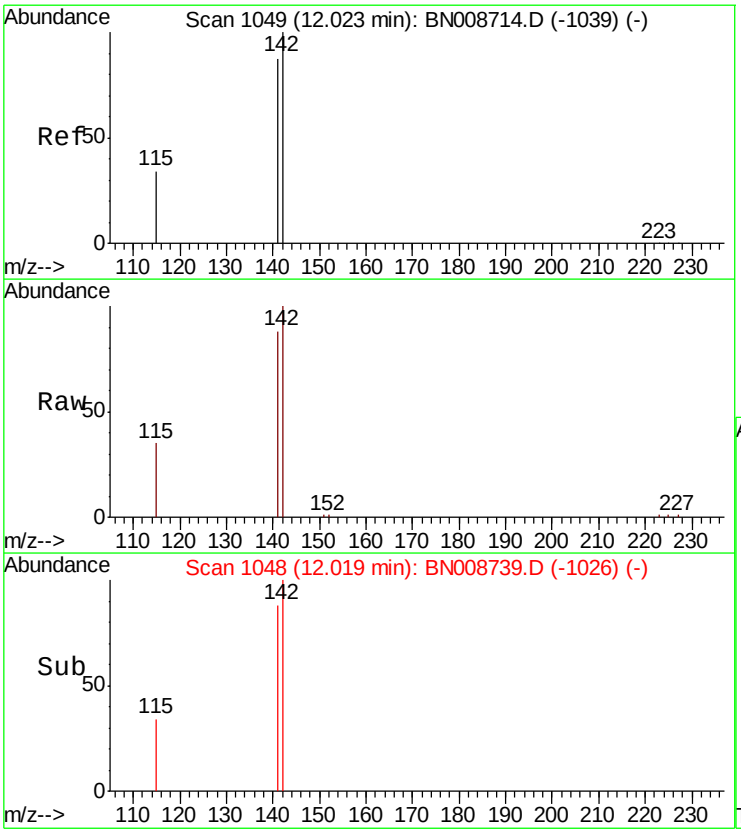
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10975

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8

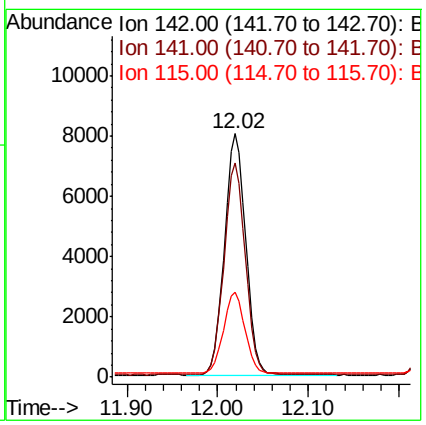


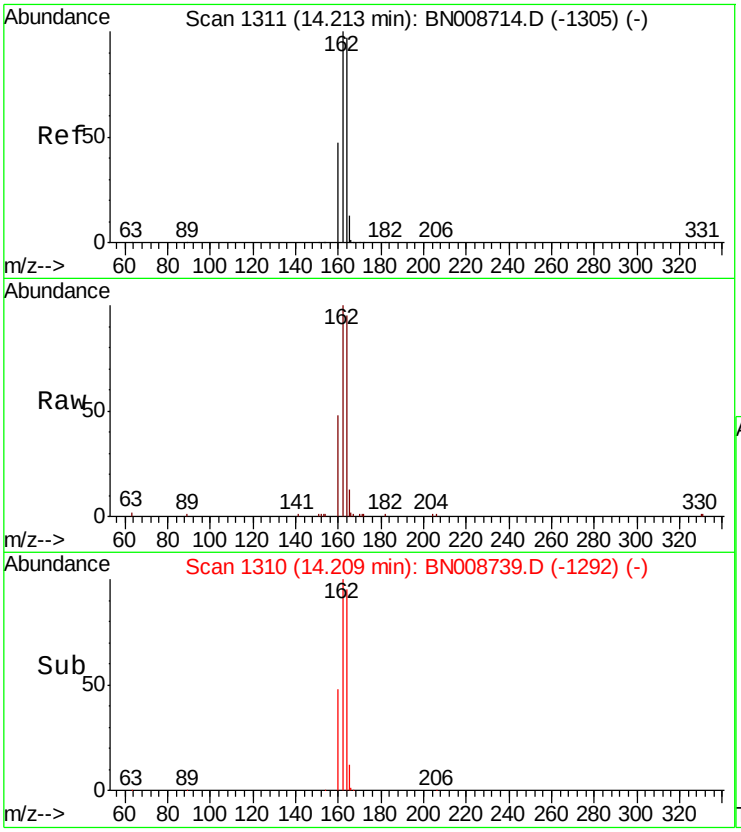


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.02 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:142 Resp: 12992

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.6
115	34.9	28.4	42.6



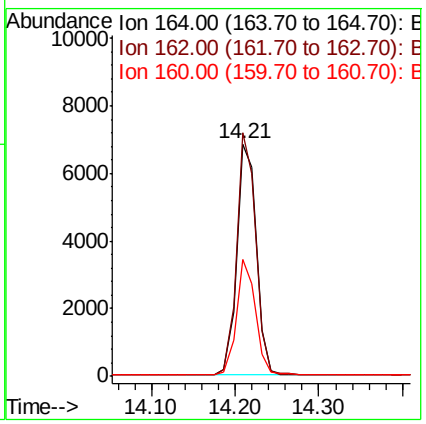


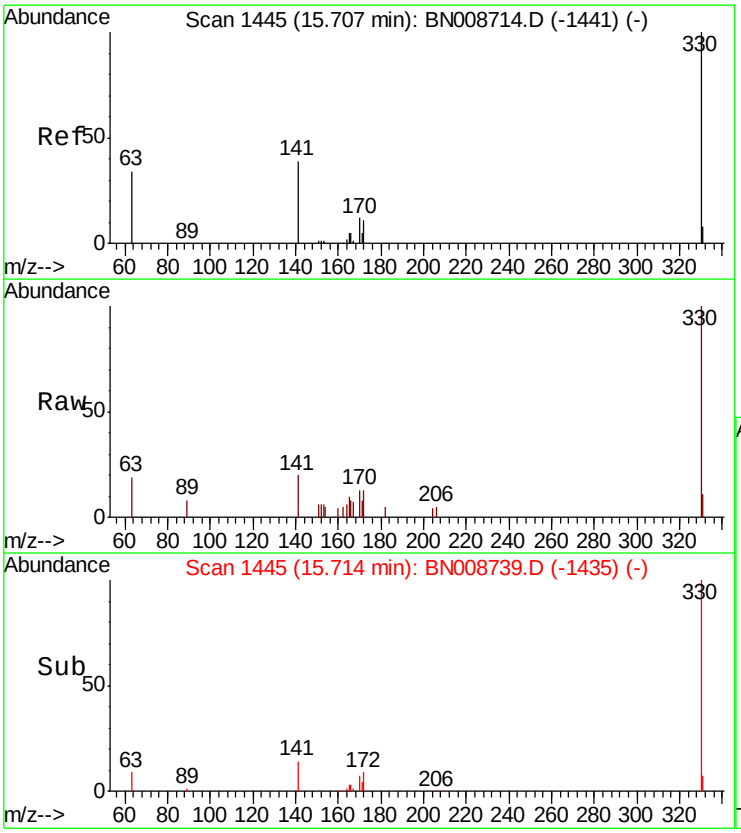
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11002

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	50.5	38.7	58.1

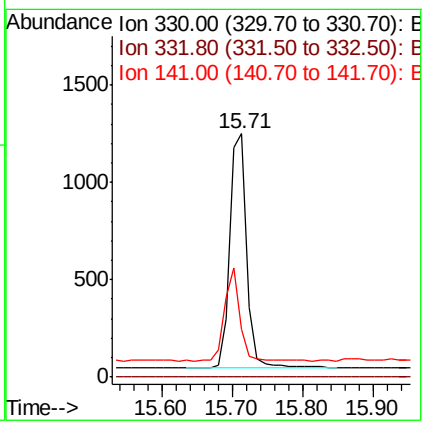


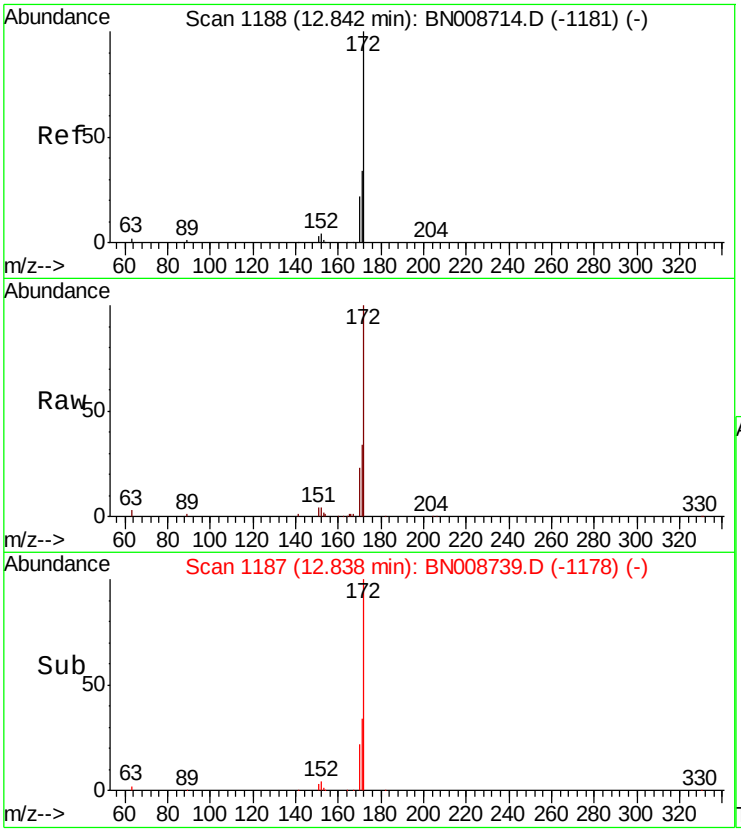


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:330 Resp: 2040

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	29.5	44.3



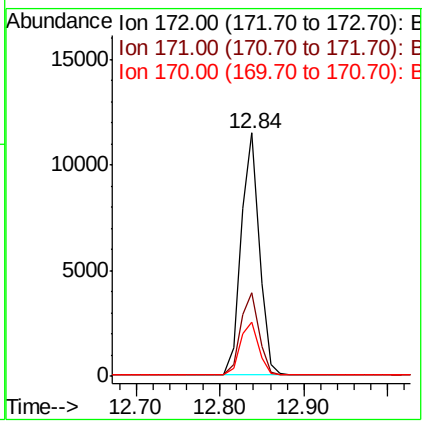


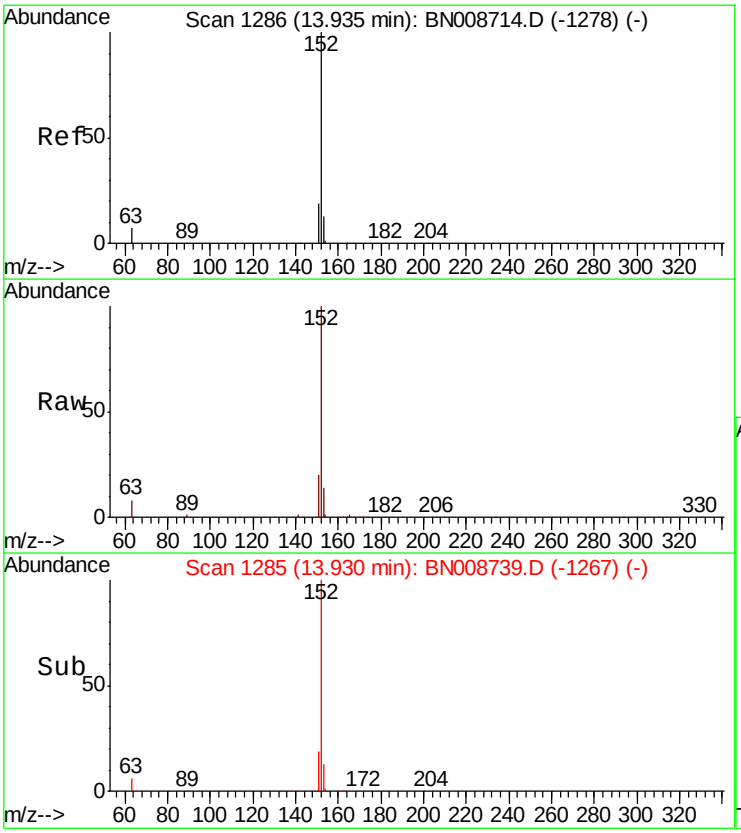
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.84 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17196

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.3	40.9
170	22.5	17.8	26.6

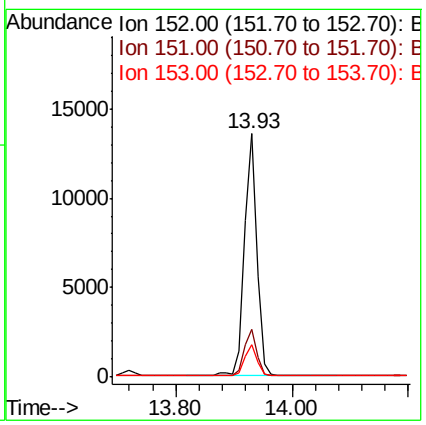


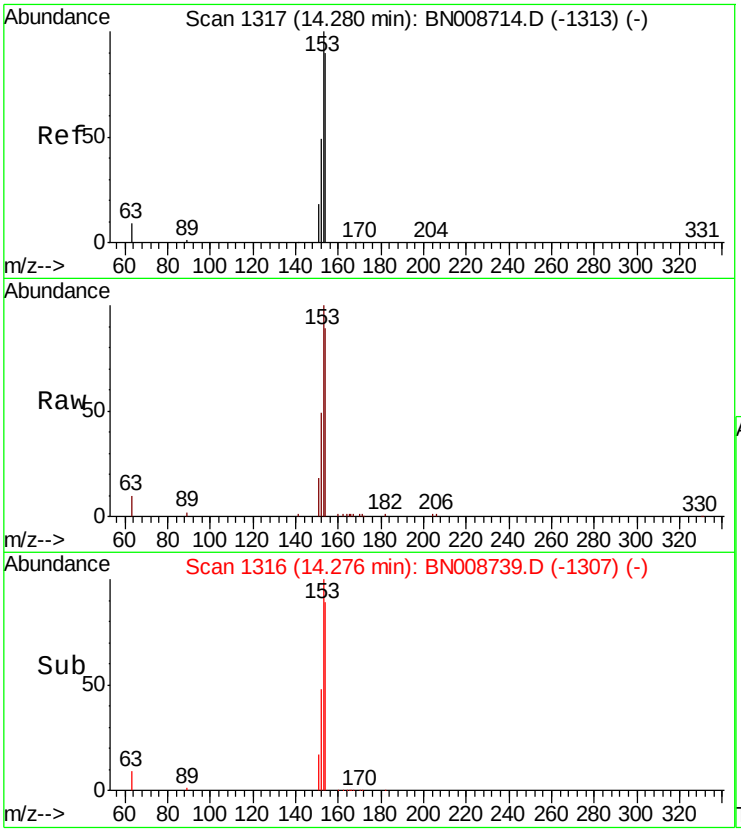


#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.93 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:152 Resp: 20416

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.9	10.3	15.5



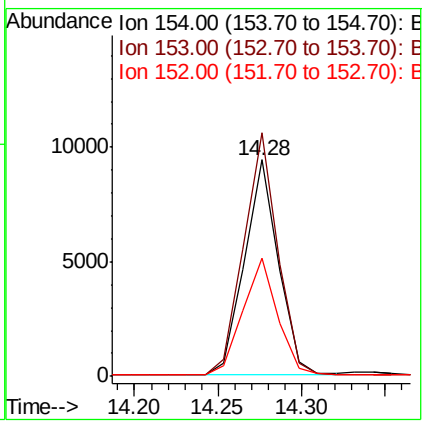


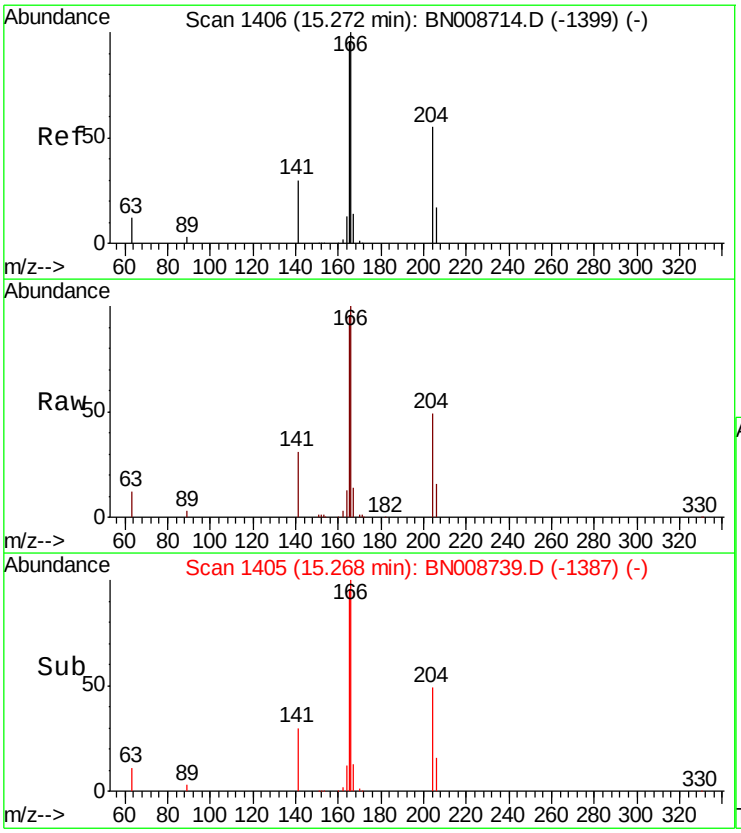
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.28 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13166

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.6	134.4
152	56.1	44.7	67.1

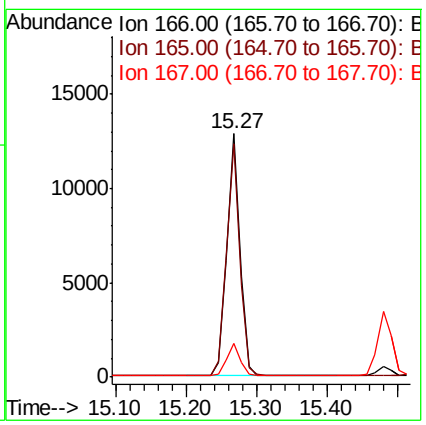


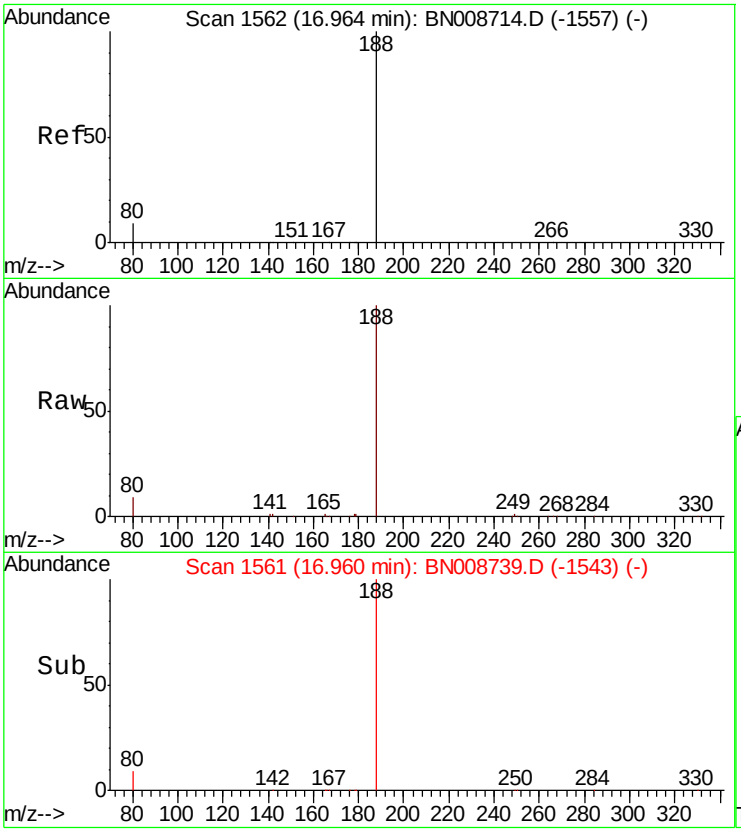


#18
Fluorene
Concen: 0.402 ng
RT: 15.27 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:166 Resp: 17164

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.7	116.5
167	13.7	10.8	16.2



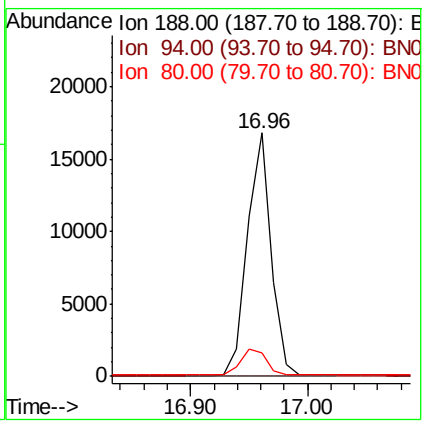


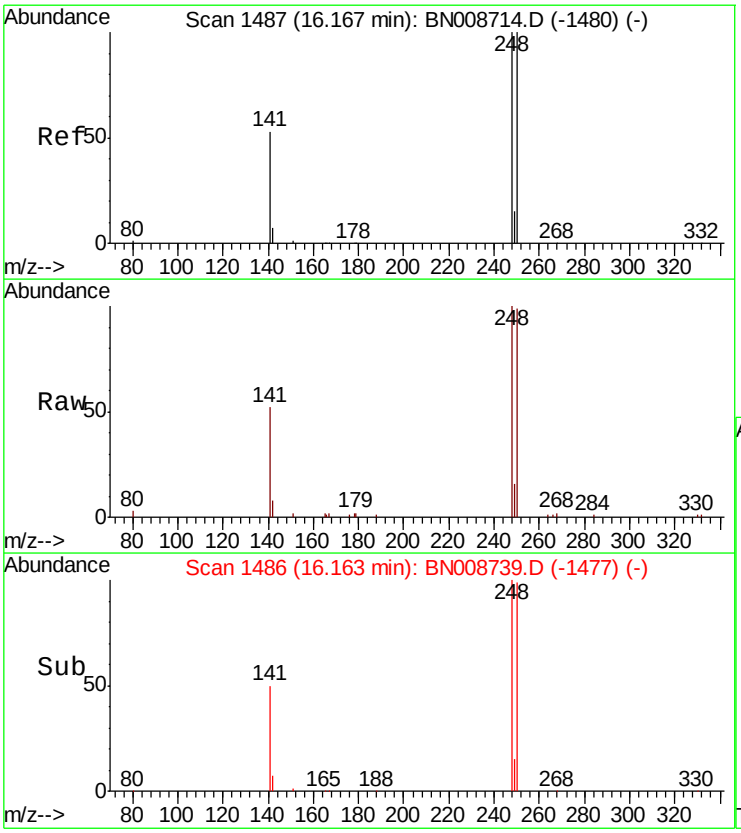
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 23730

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.0

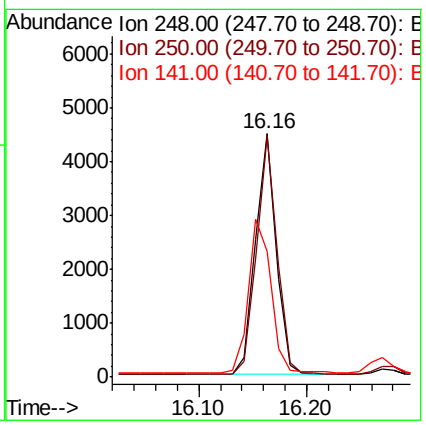


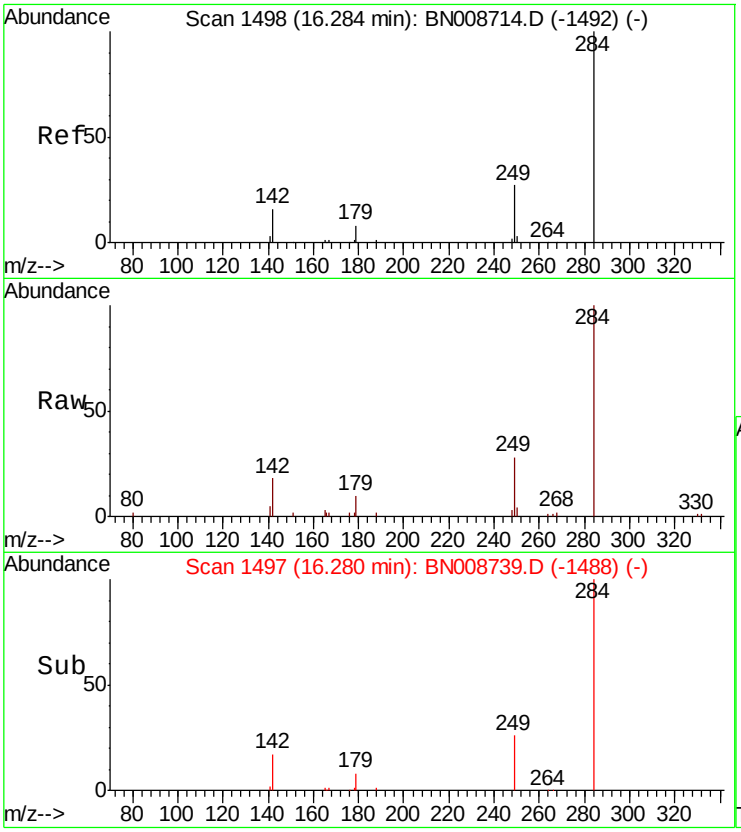


#20
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:248 Resp: 5908

Ion	Ratio	Lower	Upper
248	100		
250	98.9	80.5	120.7
141	51.8	43.8	65.6



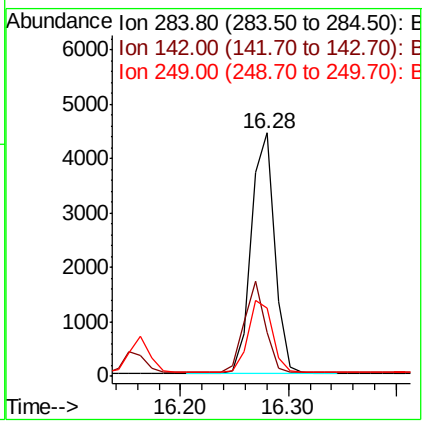


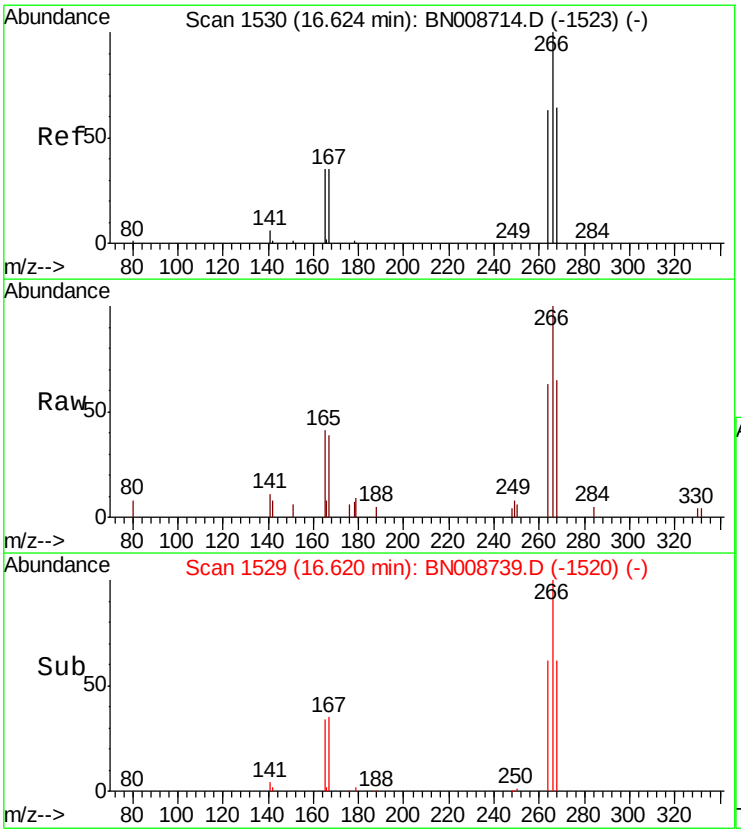
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6586

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.4	41.0
249	31.2	25.4	38.0

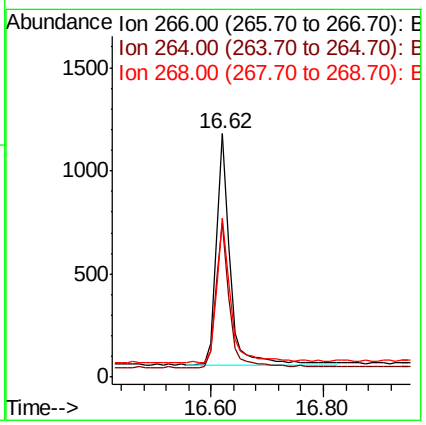


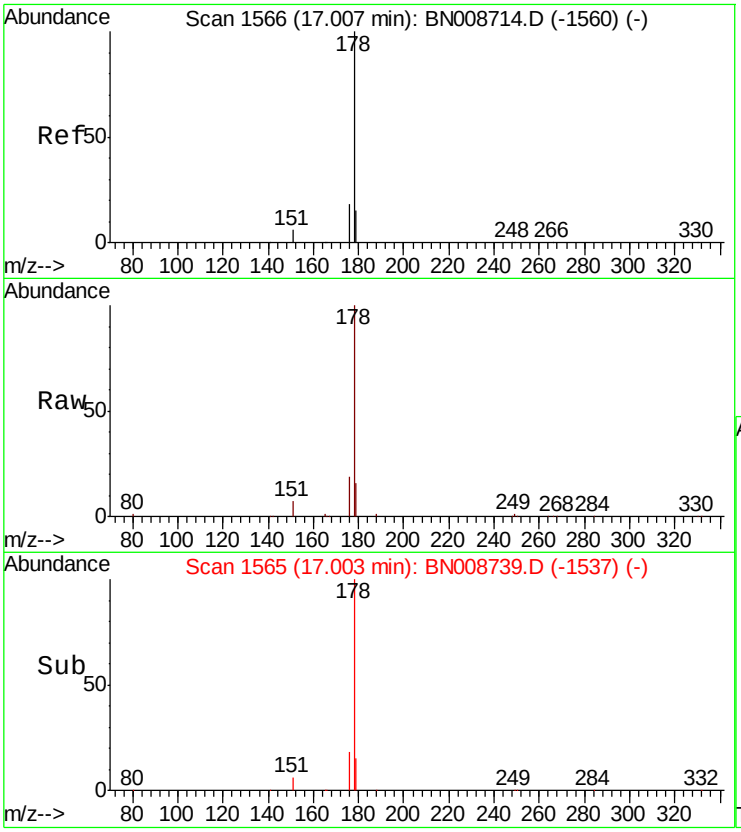


#22
Pentachlorophenol
Concen: 0.331 ng
RT: 16.62 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:266 Resp: 1935

Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.0	76.4
268	65.3	54.1	81.1



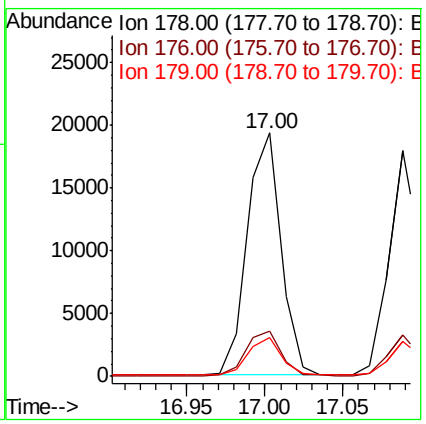


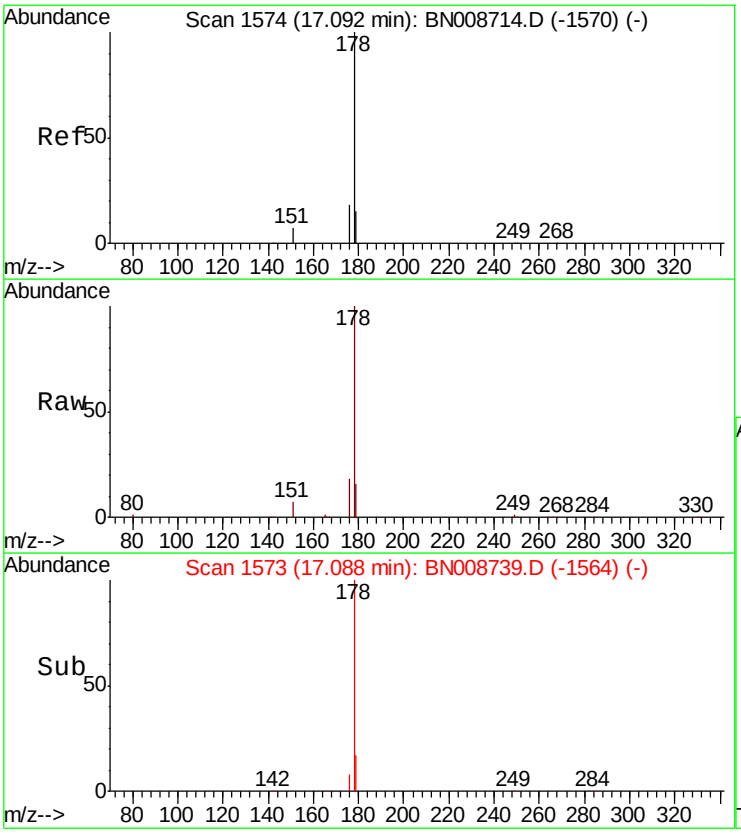
#23
Phenanthrene
Concen: 0.397 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29041

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.3	18.5

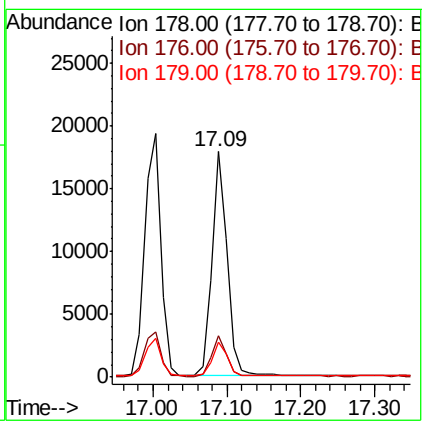


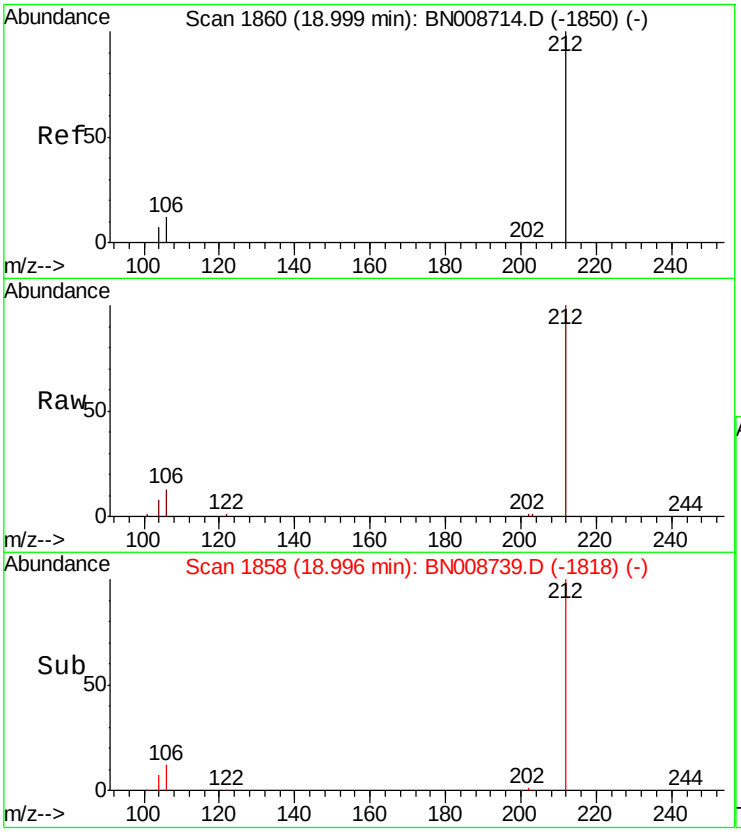


#24
Anthracene
Concen: 0.395 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:178 Resp: 25840

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.2	12.0	18.0



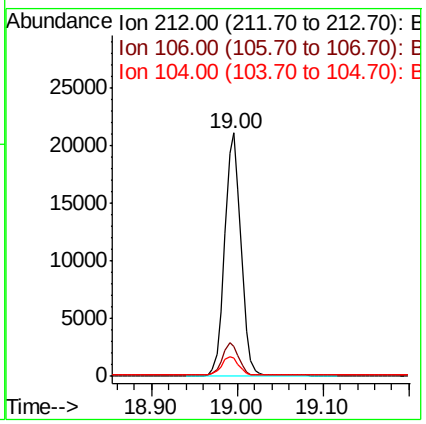


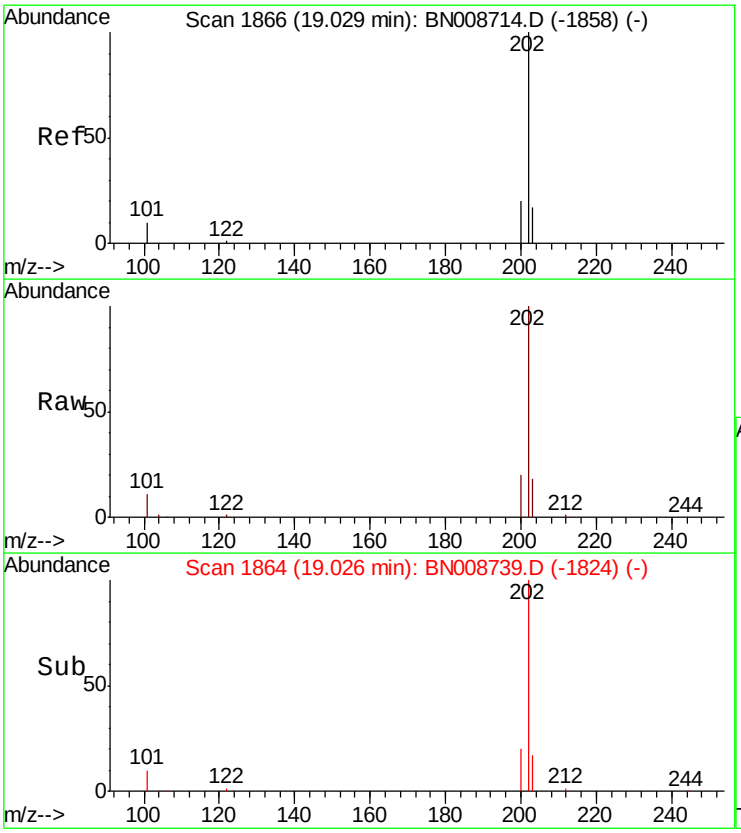
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.00 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 27560

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	15.8
104	7.8	6.0	9.0

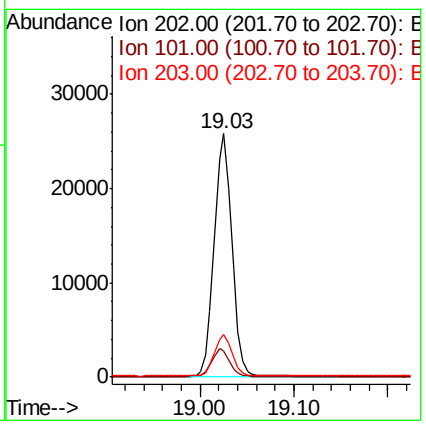


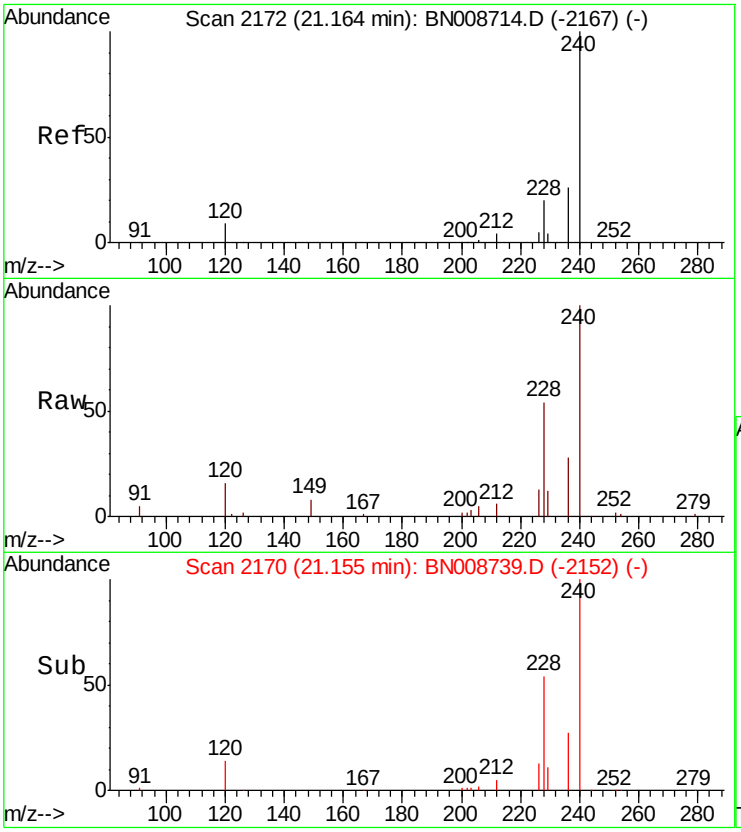


#26
Fluoranthene
Concen: 0.390 ng
RT: 19.03 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:202 Resp: 33531

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.0	13.8	20.6



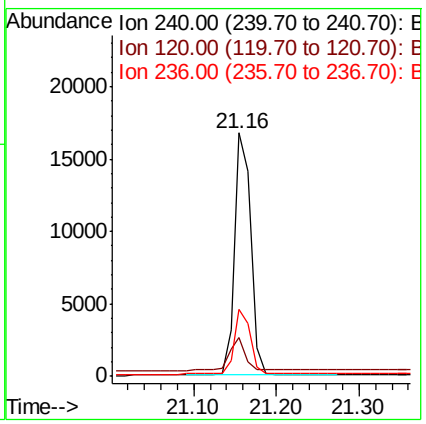


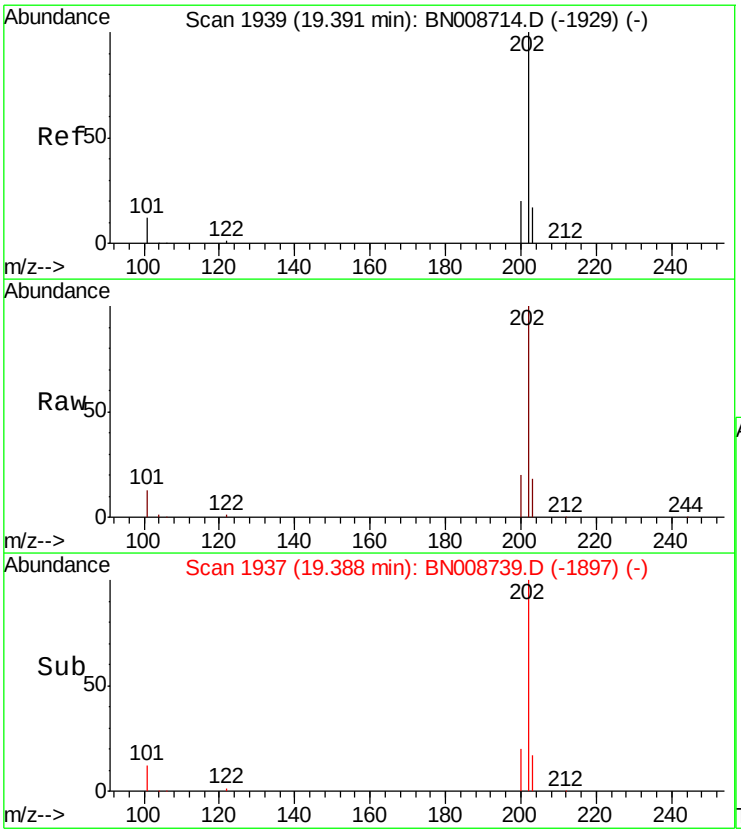
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23243

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.0	13.4#
236	27.7	21.8	32.6

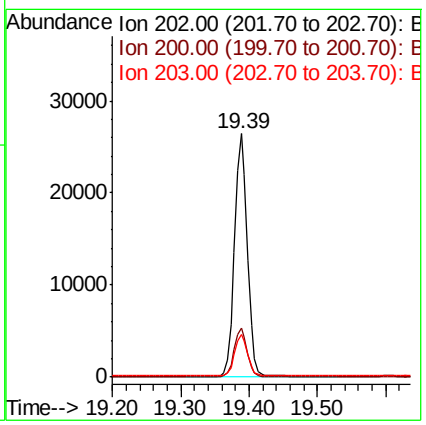


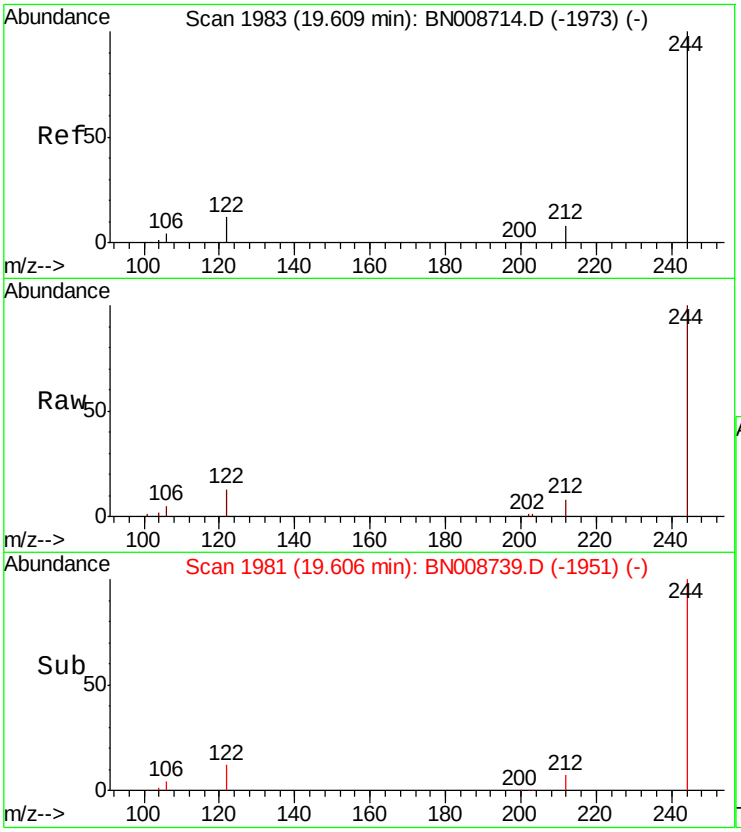


#28
Pyrene
Concen: 0.396 ng
RT: 19.39 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:202 Resp: 33954

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.3	14.0	21.0



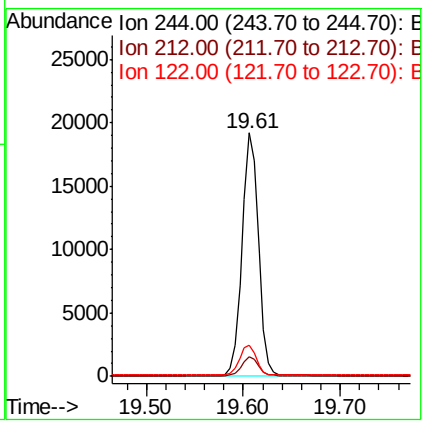


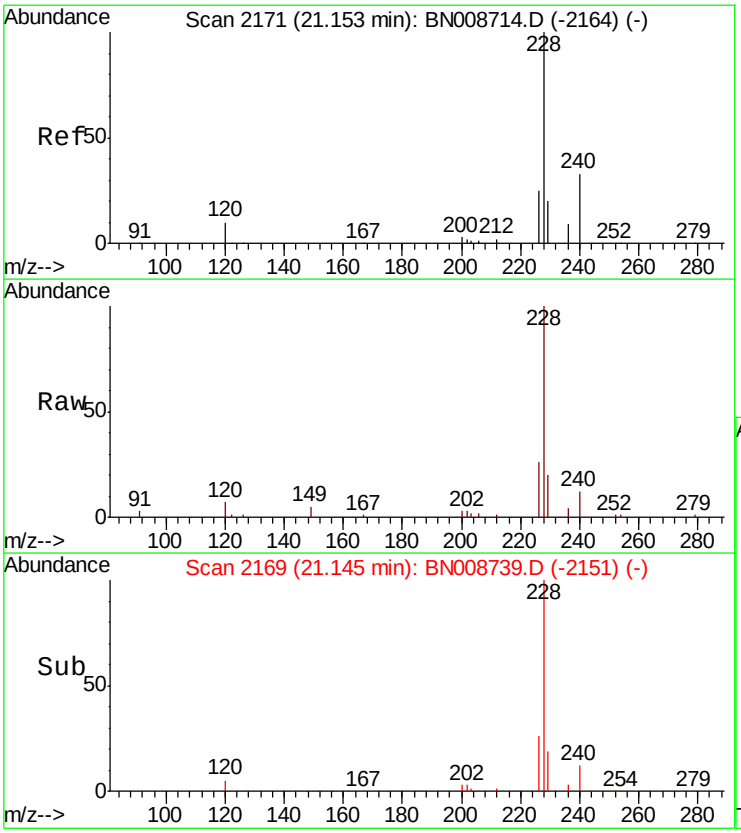
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.61 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 22426

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.6	10.1	15.1

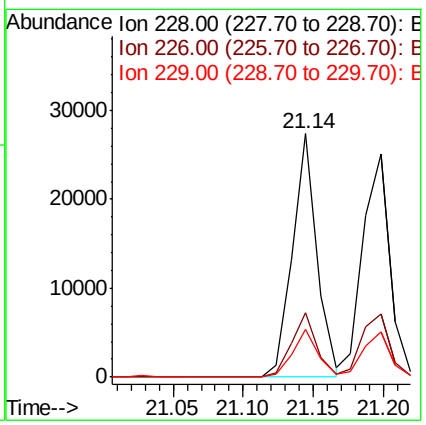


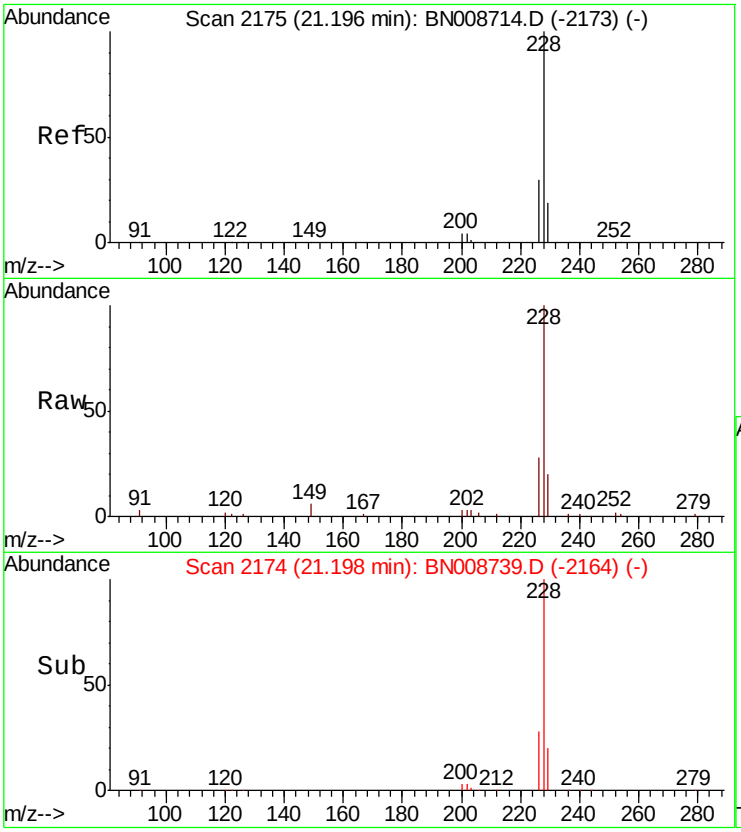


#30
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.14 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:228 Resp: 32867

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.3	30.5
229	19.8	16.2	24.4



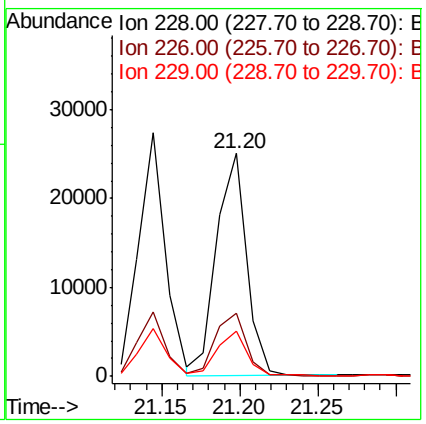


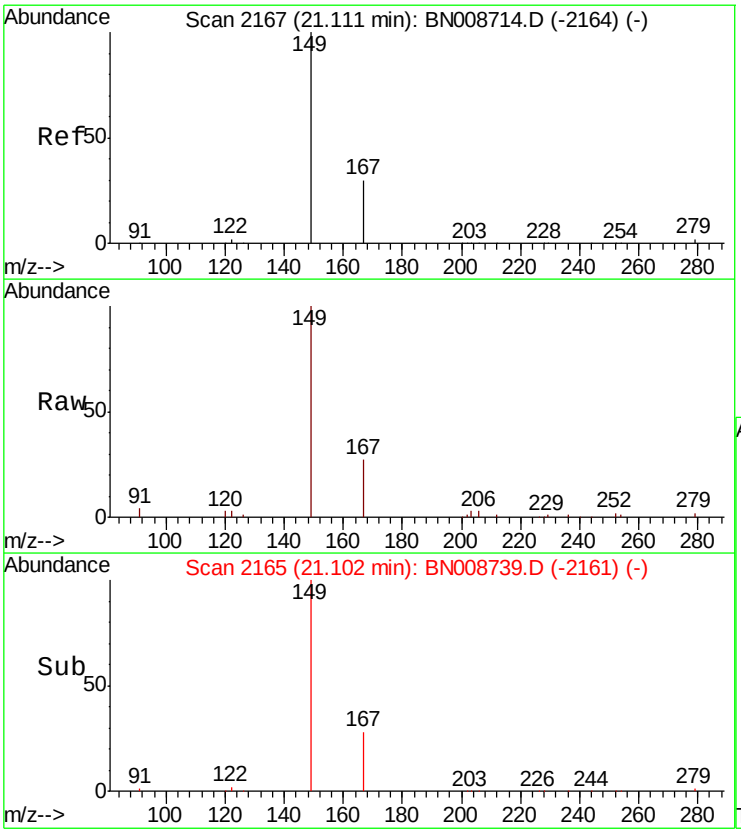
#31
Chrysene
Concen: 0.405 ng
RT: 21.20 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 33355

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.8	35.8
229	20.1	15.4	23.0

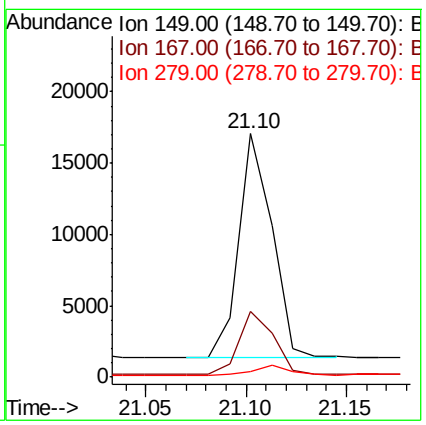


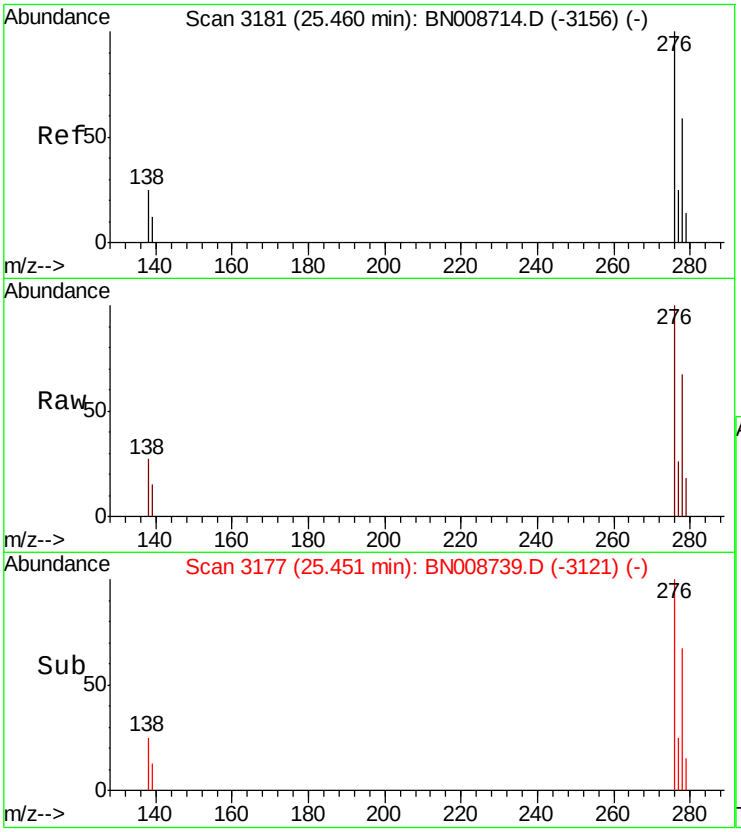


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:149 Resp: 18302

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.5	35.3
279	4.1	3.4	5.0



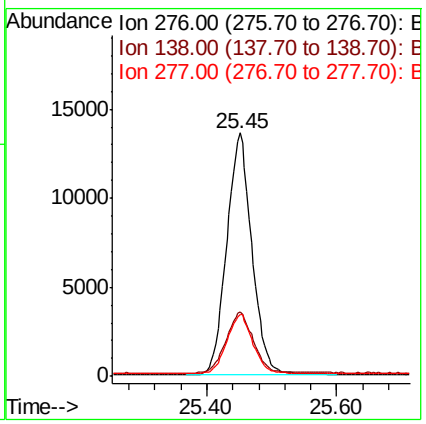


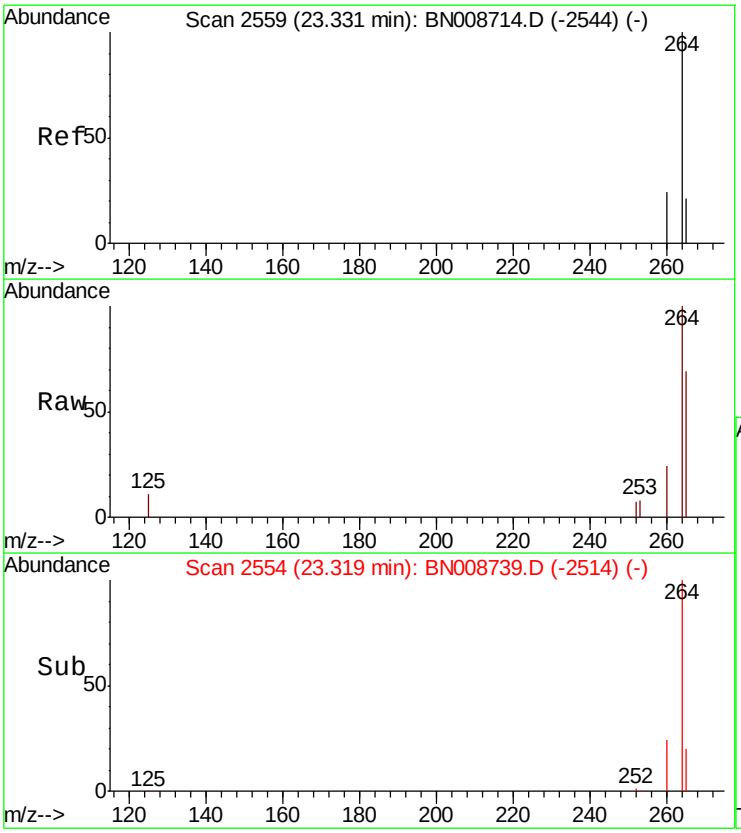
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.45 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36852

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.6
277	24.9	19.9	29.9

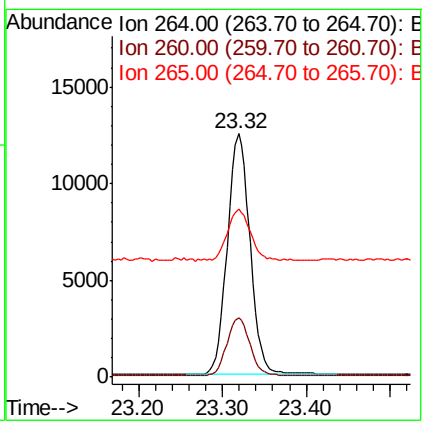


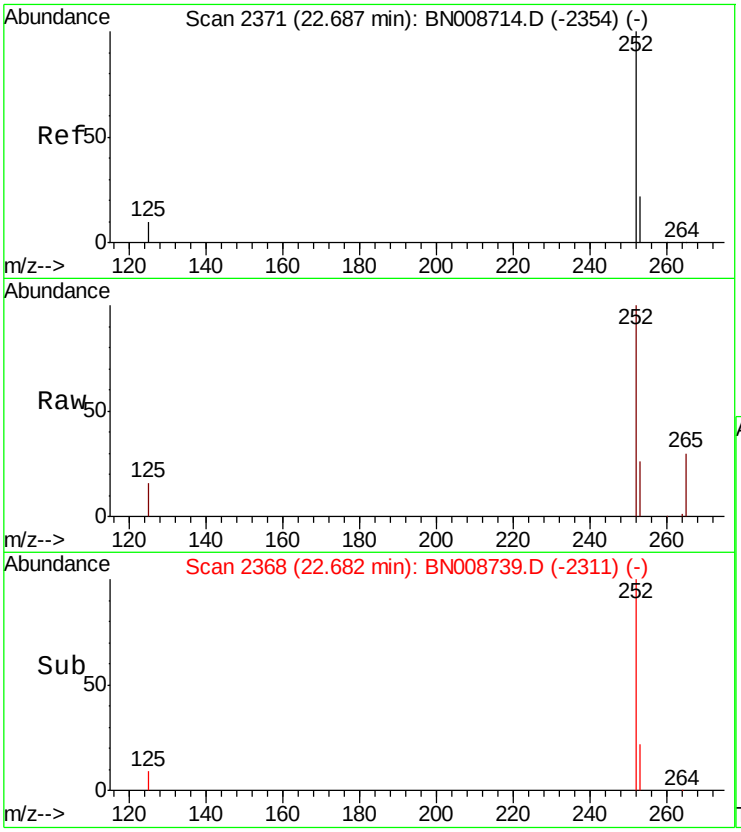


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:264 Resp: 23366

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	68.9	61.8	92.6



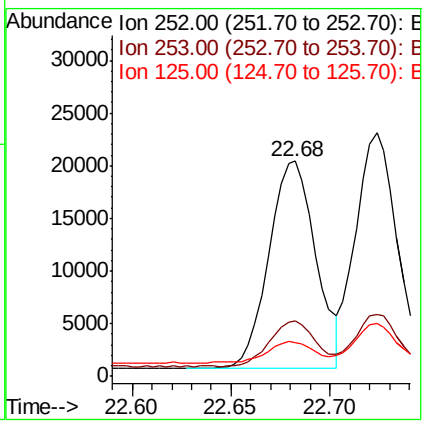


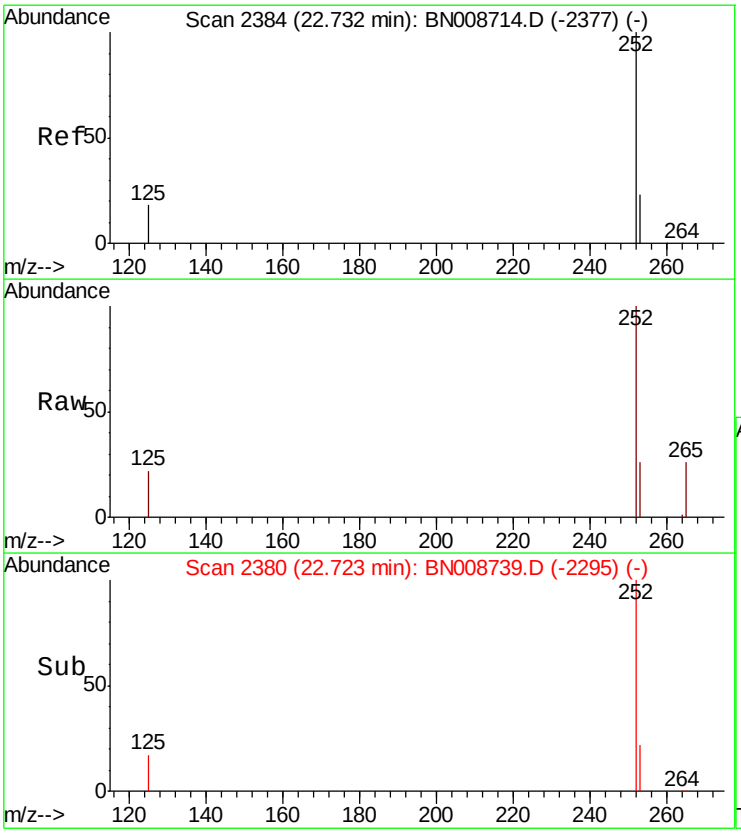
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32473

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.8	31.2
125	15.7	13.5	20.3

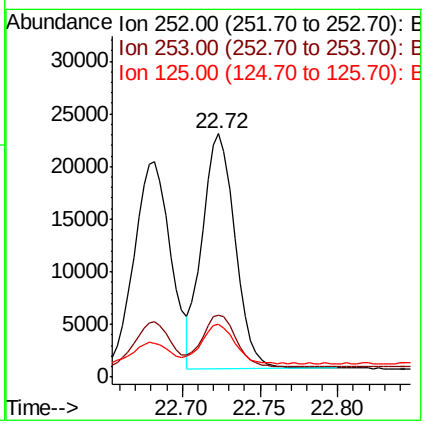


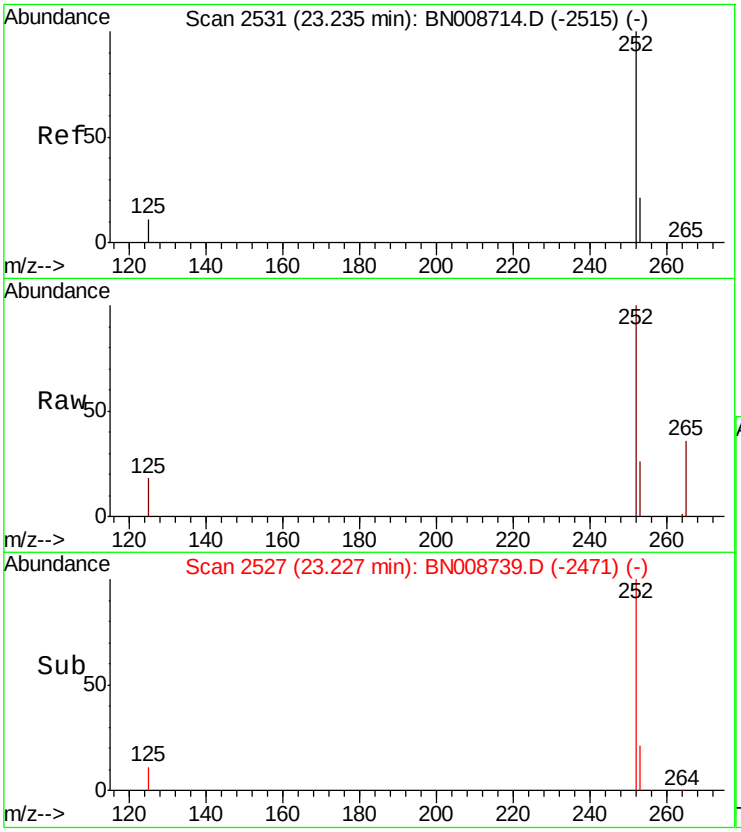


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:252 Resp: 32835

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.6
125	21.8	18.2	27.4



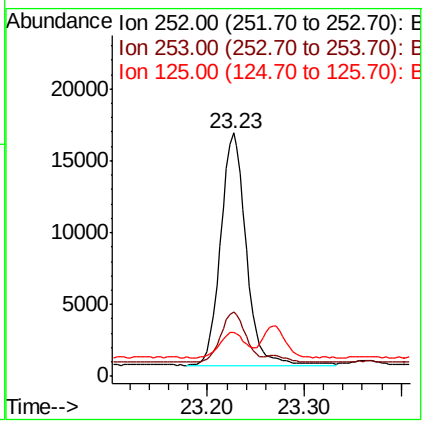


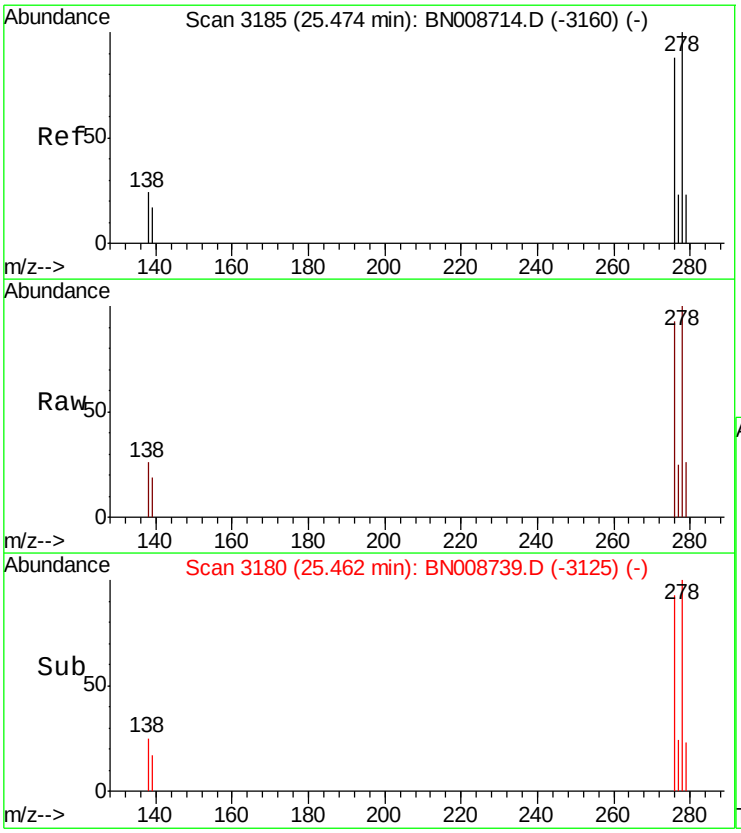
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.23 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 29457

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.9	32.9
125	18.2	16.3	24.5

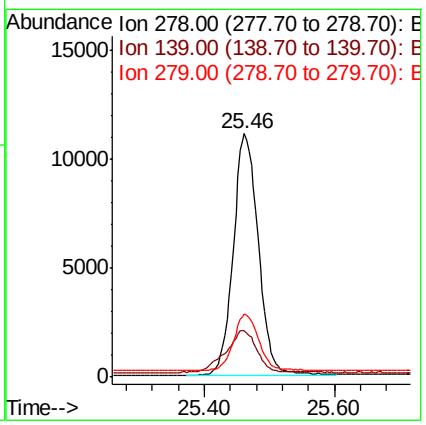


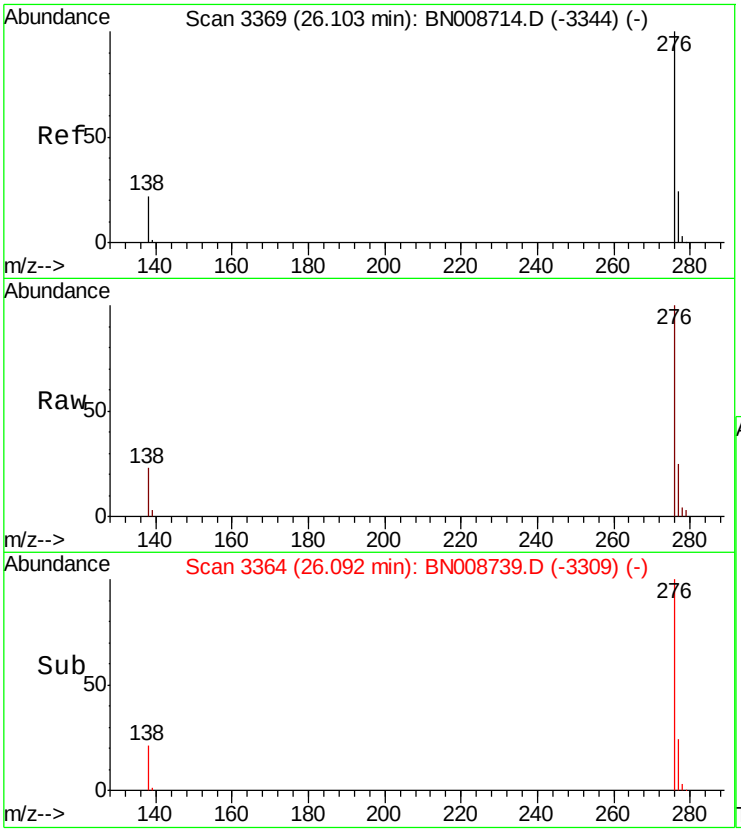


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 25.46 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:278 Resp: 29725

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.4	23.2
279	25.9	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 26.09 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 29472

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.4	30.6
138	23.1	19.2	28.8