Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
Data File : BN008750.D
Acq On : 25 Nov 2019 23:03
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 26 02:55:11 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	4581	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	16894	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	10293	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	22175	0.40	ng		-0.01
27) Chrysene-d12	21.15	240	21399	0.40	ng		-0.01
34) Perylene-d12	23.31	264	21166	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	5551	0.46	ng		0.00
5) Phenol-d6	6.78	99	6967	0.46	ng		0.00
8) Nitrobenzene-d5	8.72	82	6868	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	11.94	152	11953	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	2104	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	18562	0.46	ng		-0.01
25) Fluoranthene-d10	18.99	212	29620	0.45	ng		0.00
29) Terphenyl-d14	19.60	244	24150	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	2182	0.450	ng		97
3) n-Nitrosodimethylamine	3.53	42	2397	0.399	ng	#	95
6) bis(2-Chloroethyl)ether	7.03	93	6430	0.452	ng		98
9) Naphthalene	10.39	128	20525	0.455	ng		99
10) Hexachlorobutadiene	10.70	225	4194	0.449	ng	#	99
12) 2-Methylnaphthalene	12.02	142	14104	0.449	ng		99
16) Acenaphthylene	13.92	152	21656	0.457	ng		100
17) Acenaphthene	14.27	154	13687	0.439	ng		99
18) Fluorene	15.26	166	18252	0.457	ng		99
20) 4-Bromophenyl-phenylether	16.16	248	6334	0.457	ng	#	85
21) Hexachlorobenzene	16.27	284	6955	0.457	ng		100
22) Pentachlorophenol	16.61	266	2011	0.368	ng		97
23) Phenanthrene	17.00	178	31028	0.454	ng		100
24) Anthracene	17.09	178	27959	0.457	ng		99
26) Fluoranthene	19.02	202	36282	0.452	ng		100
28) Pyrene	19.39	202	36452	0.461	ng		100
30) Benzo(a)anthracene	21.14	228	34465	0.440	ng		99
31) Chrysene	21.19	228	35119	0.463	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	17598	0.346	ng		98
33) Indeno(1,2,3-cd)pyrene	25.44	276	38142	0.451	ng		100
35) Benzo(b)fluoranthene	22.68	252	34346	0.469	ng		97
36) Benzo(k)fluoranthene	22.72	252	34310	0.462	ng		94
37) Benzo(a)pyrene	23.22	252	31061	0.458	ng		96
38) Dibenzo(a,h)anthracene	25.45	278	30742	0.460	ng		98
39) Benzo(g,h,i)perylene	26.09	276	31025	0.465	ng		99

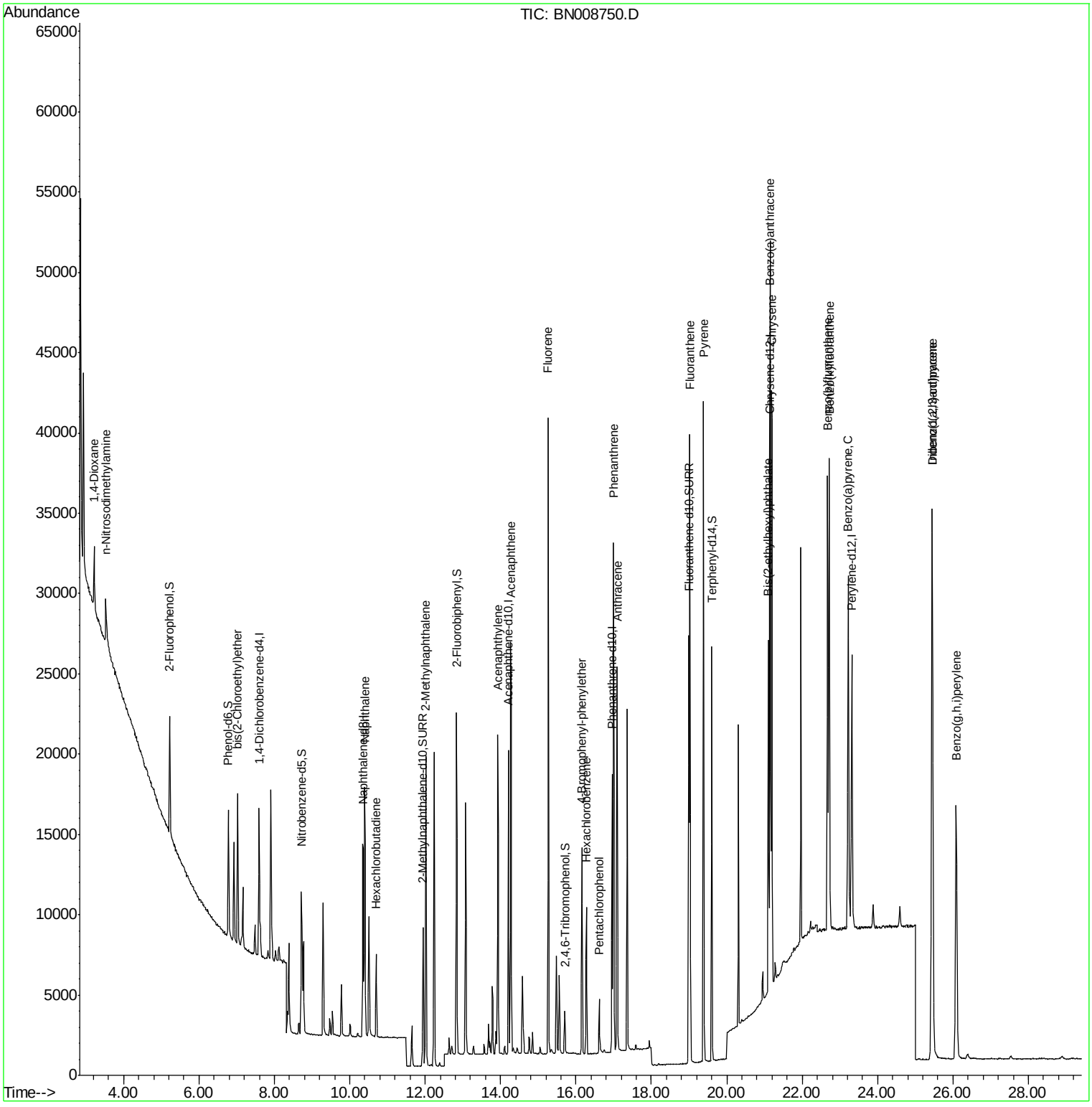
(#) = qualifier out of range (m) = manual integration (+) = signals summed

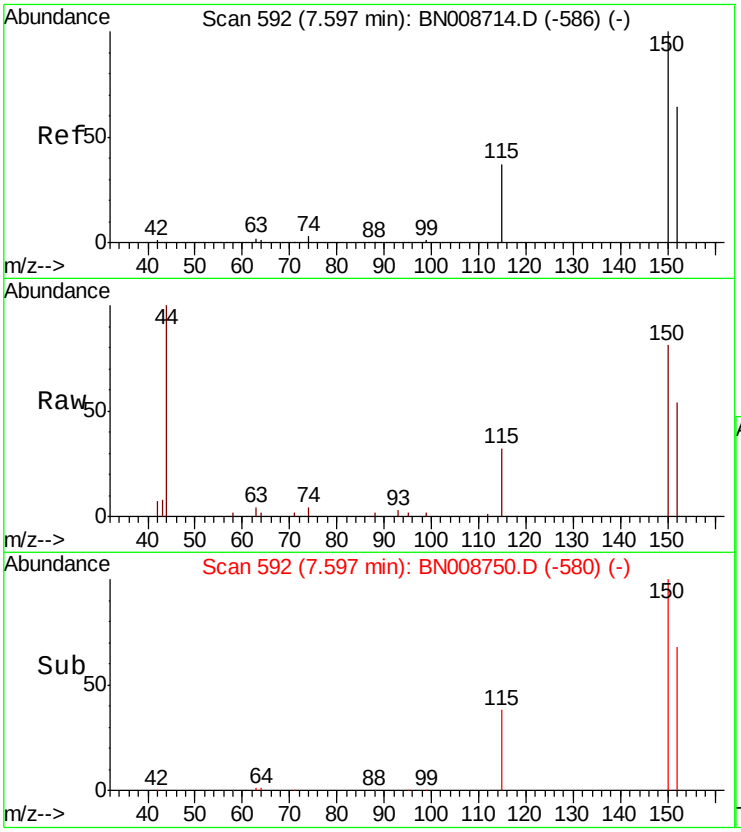
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
Data File : BN008750.D
Acq On : 25 Nov 2019 23:03
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 26 02:55:11 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



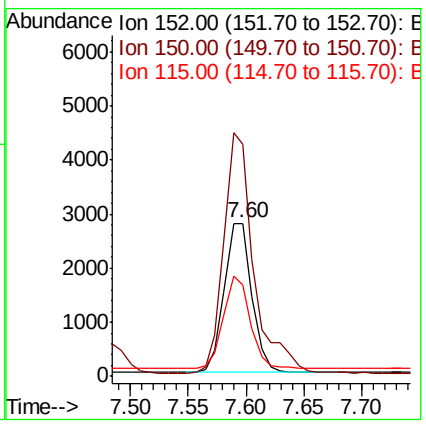


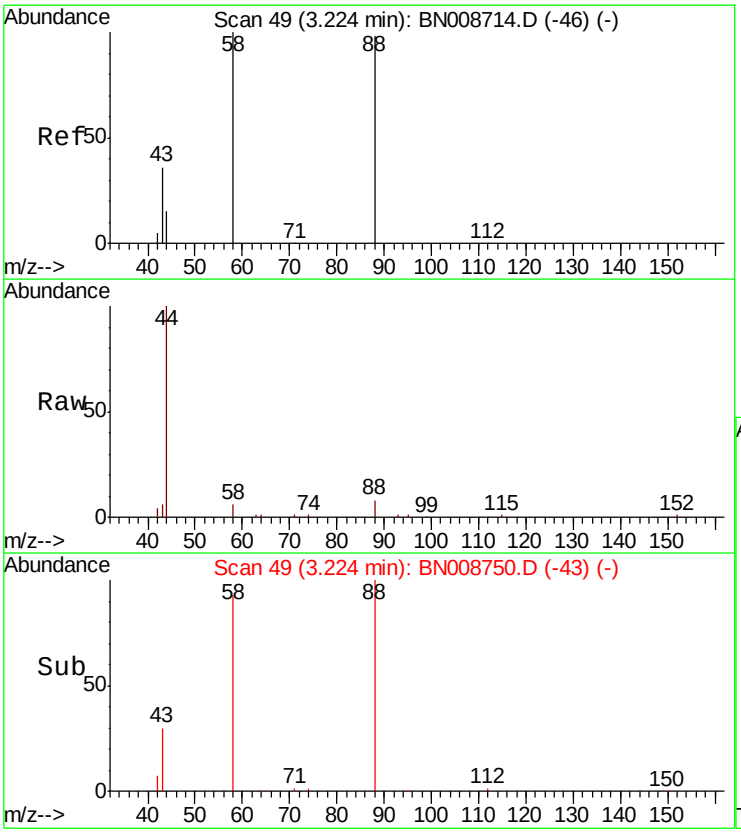
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4581

Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.0	186.0
115	59.5	49.8	74.8

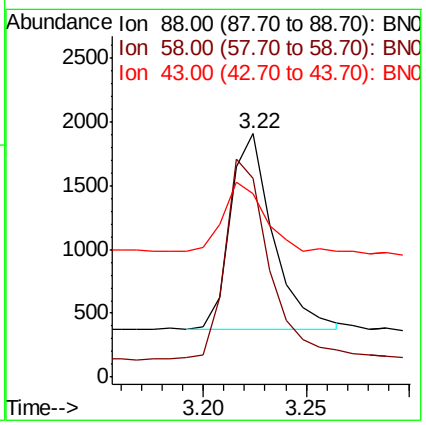


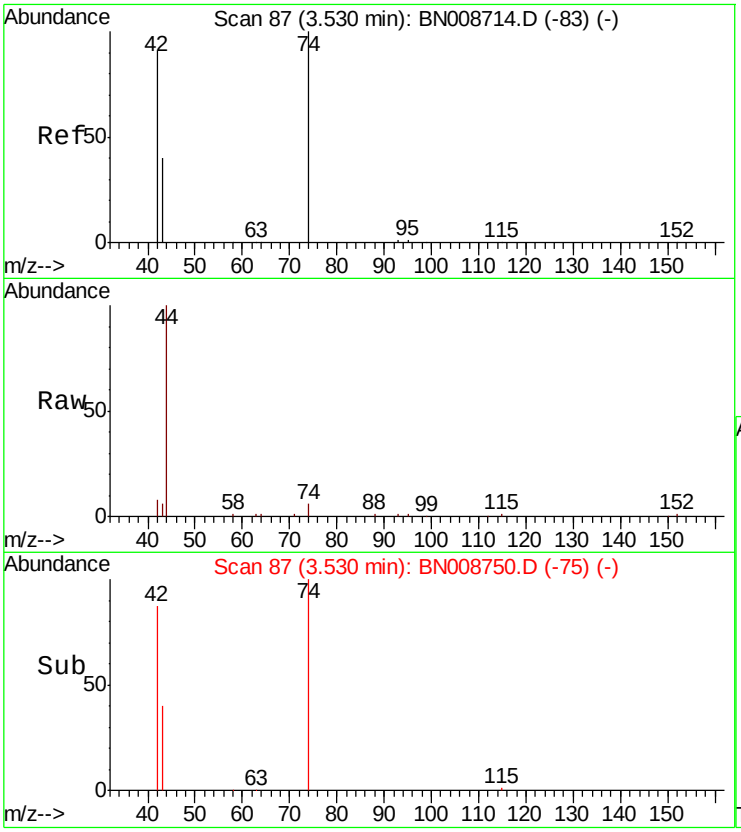


#2
1,4-Dioxane
Concen: 0.450 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion: 88 Resp: 2182

Ion	Ratio	Lower	Upper
88	100		
58	104.1	85.7	128.5
43	35.1	29.5	44.3



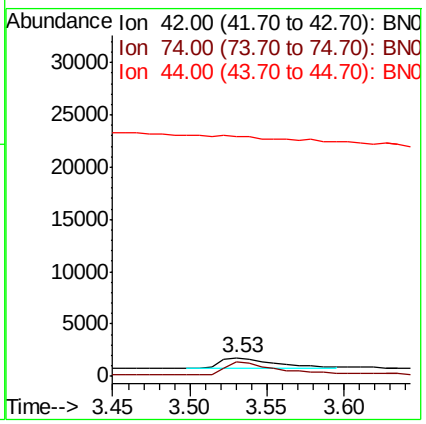


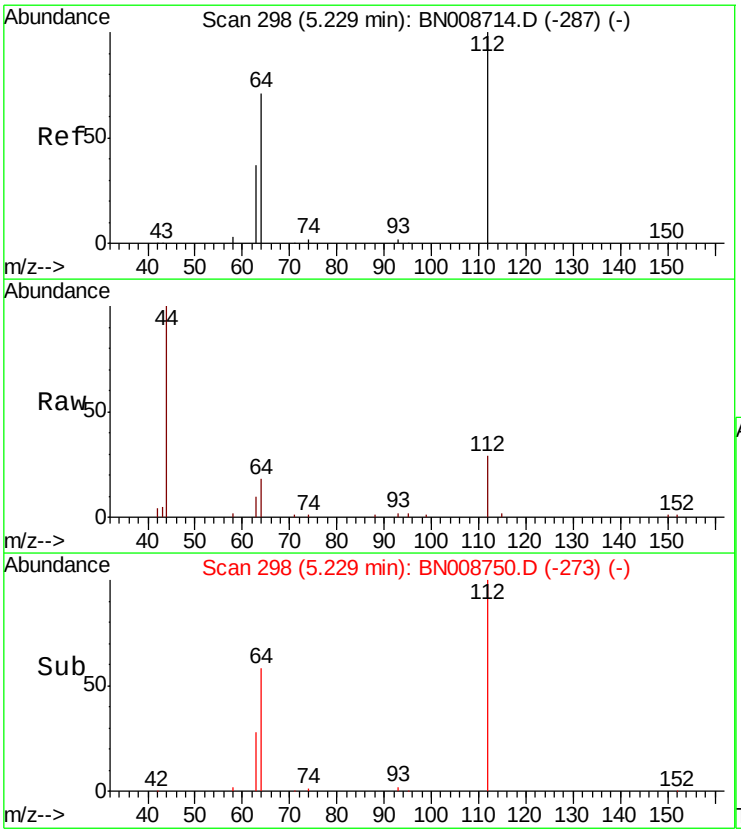
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2397

Ion	Ratio	Lower	Upper
42	100		
74	115.1	88.0	132.0
44	0.0	0.0	0.0

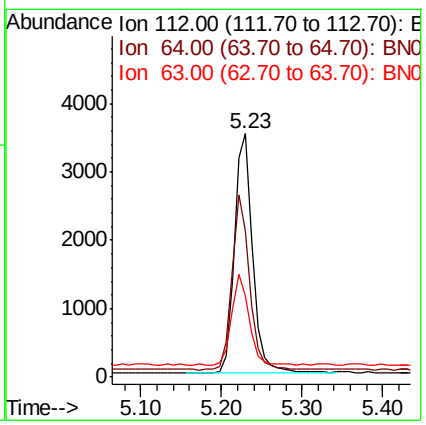


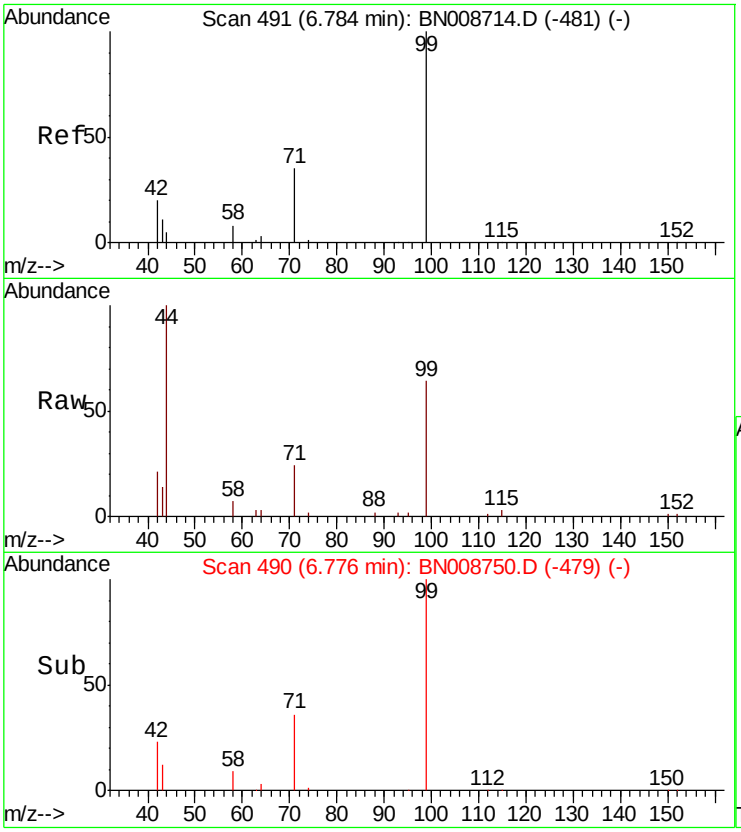


#4
2-Fluorophenol
Concen: 0.463 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:112 Resp: 5551

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.1	85.7
63	37.2	29.7	44.5



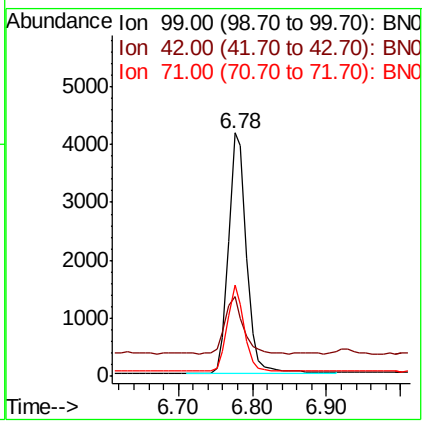


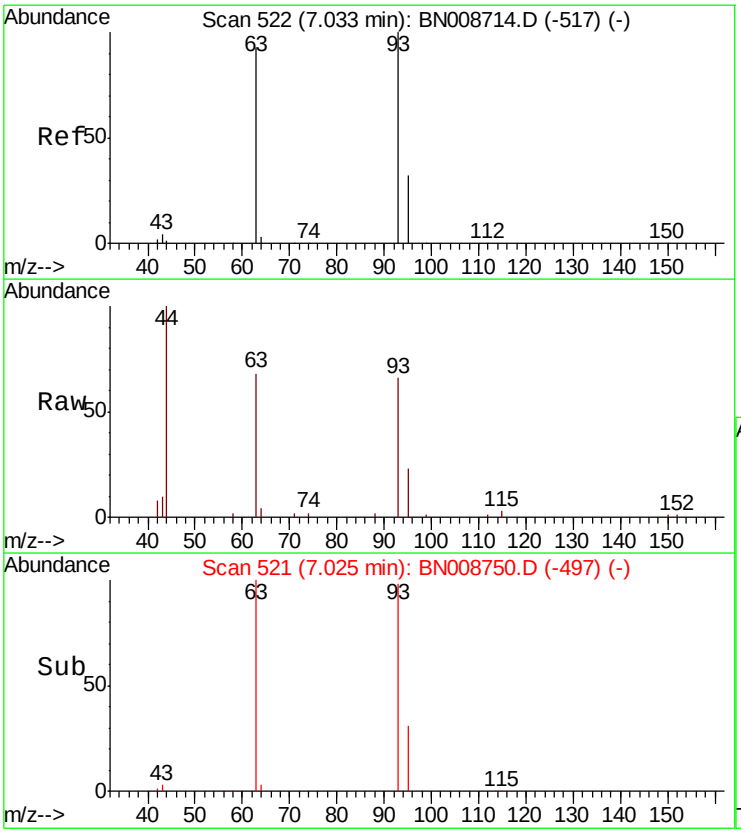
#5
Phenol-d6
Concen: 0.460 ng
RT: 6.78 min Scan# 490
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6967

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.4	29.2
71	33.8	27.5	41.3

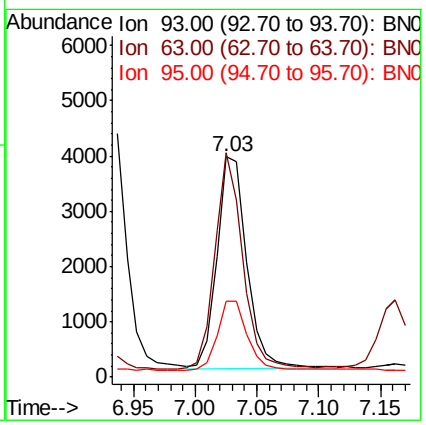


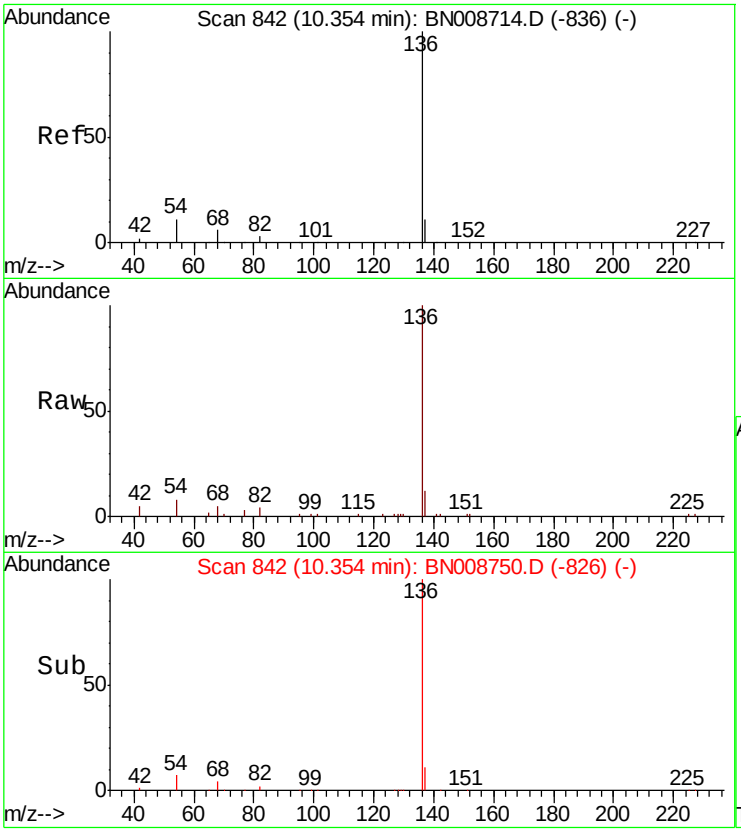


#6
bis(2-Chloroethyl)ether
Concen: 0.452 ng
RT: 7.03 min Scan# 521
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion: 93 Resp: 6430

Ion	Ratio	Lower	Upper
93	100		
63	95.2	74.2	111.4
95	32.7	26.2	39.2



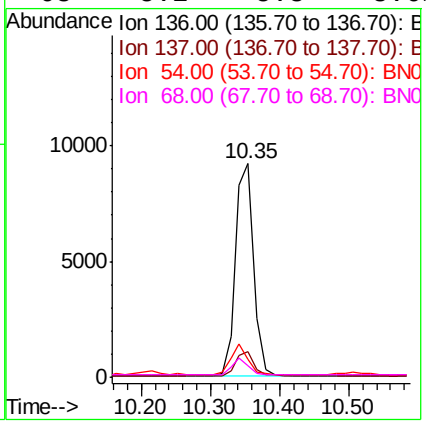


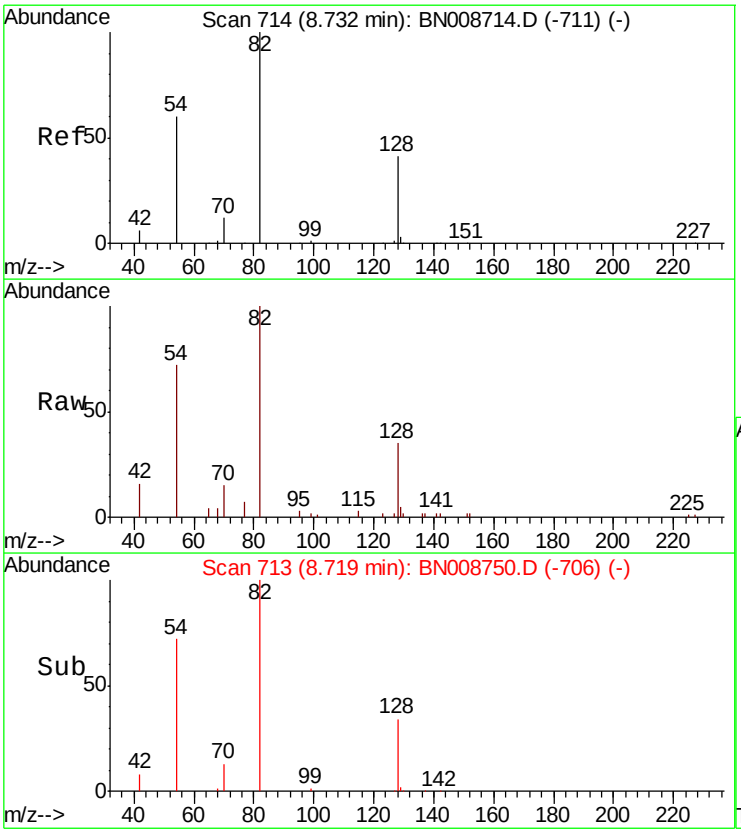
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16894

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	8.5	9.4	14.2#
68	5.2	5.8	8.6#

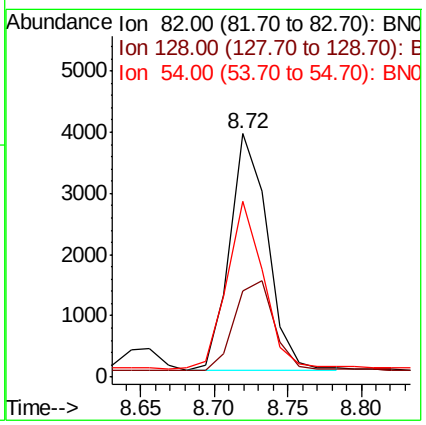


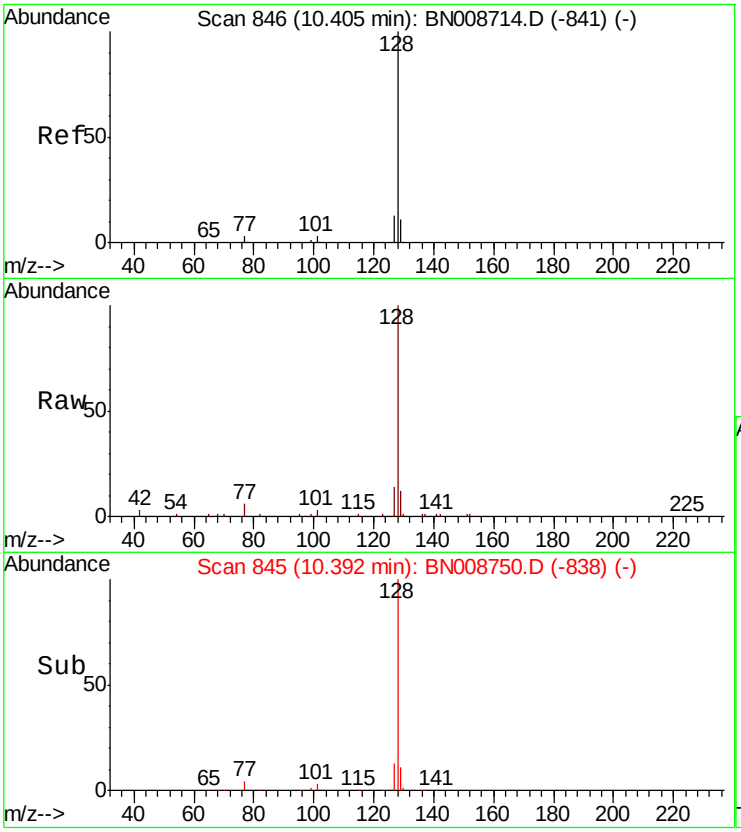


#8
Nitrobenzene-d5
Concen: 0.452 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion: 82 Resp: 6868

Ion	Ratio	Lower	Upper
82	100		
128	35.1	34.6	52.0
54	72.0	50.2	75.4

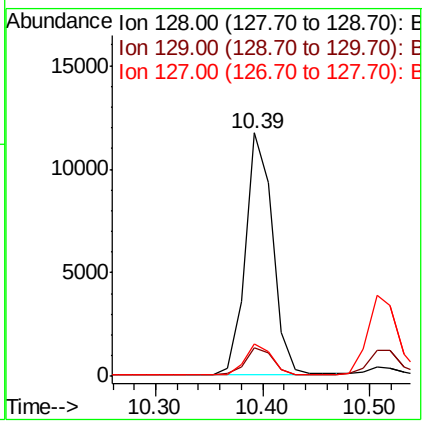




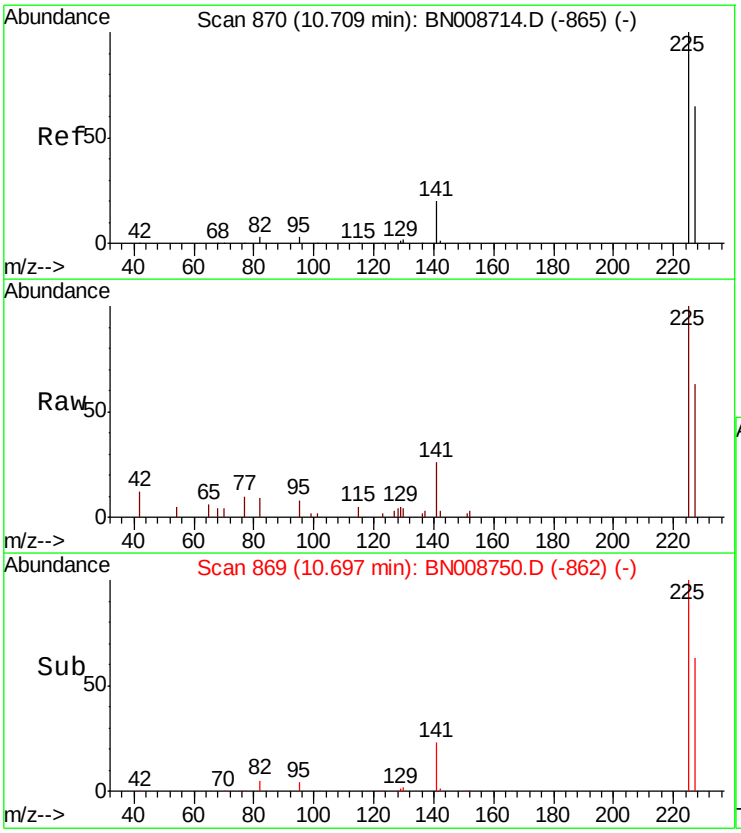
#9
Naphthalene
Concen: 0.455 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:128 Resp: 20525

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.5	10.5	15.7



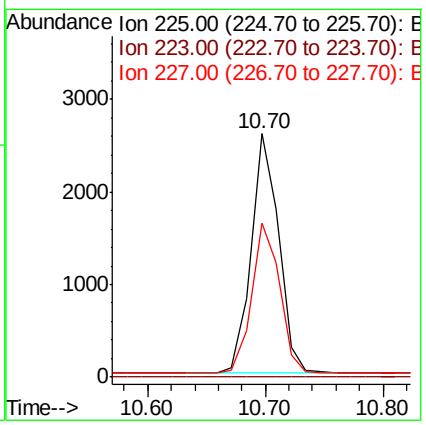
Instrument :
BNA_N
ClientSampleId :

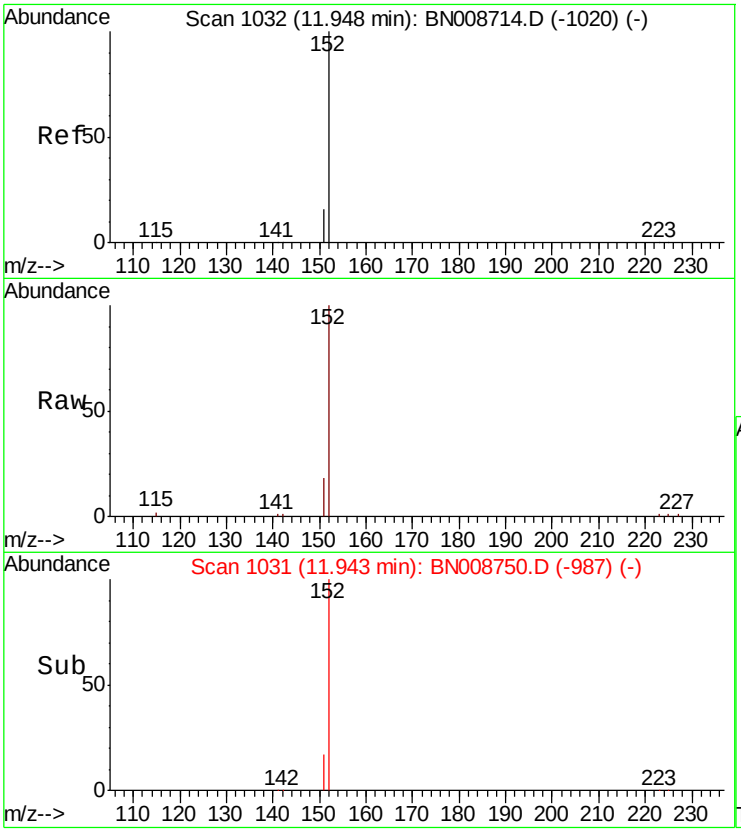


#10
Hexachlorobutadiene
Concen: 0.449 ng
RT: 10.70 min Scan# 869
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:225 Resp: 4194

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.8	77.6



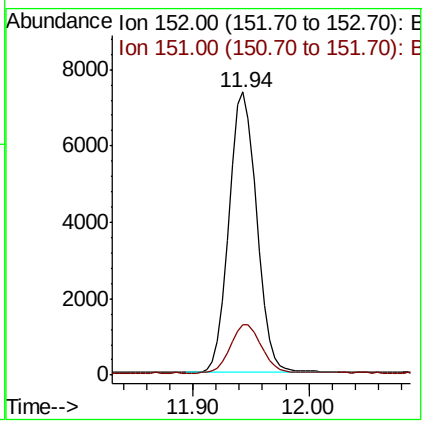


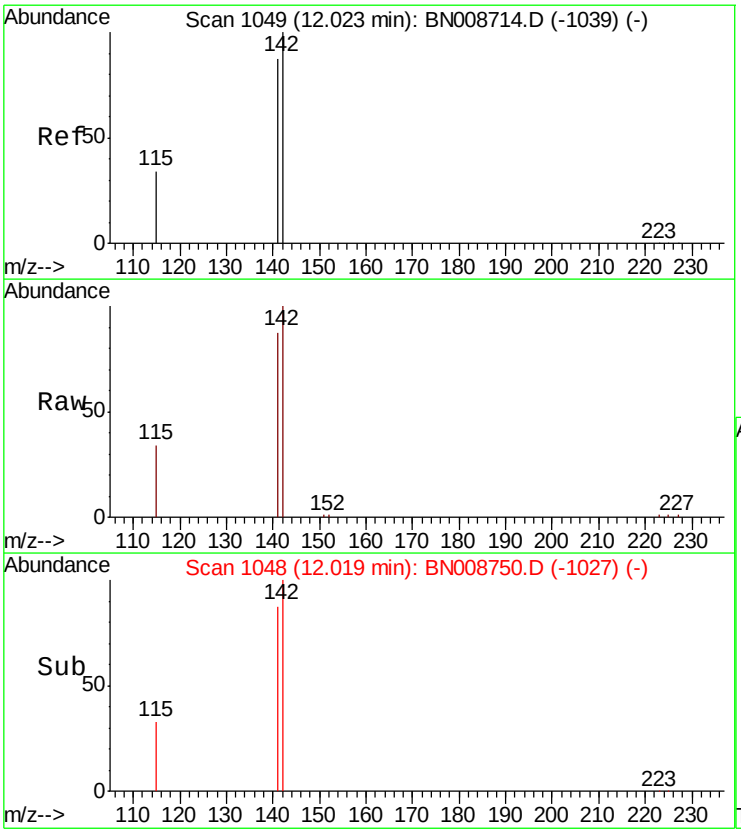
#11
2-Methylnaphthalene-d10
Concen: 0.448 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11953

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

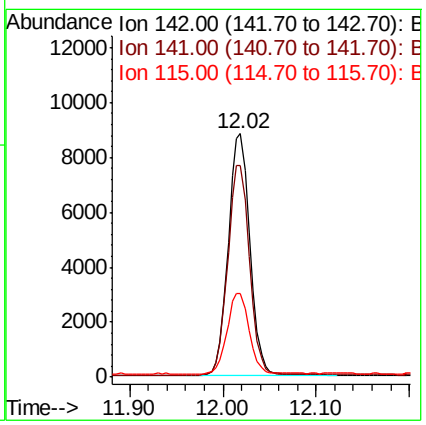


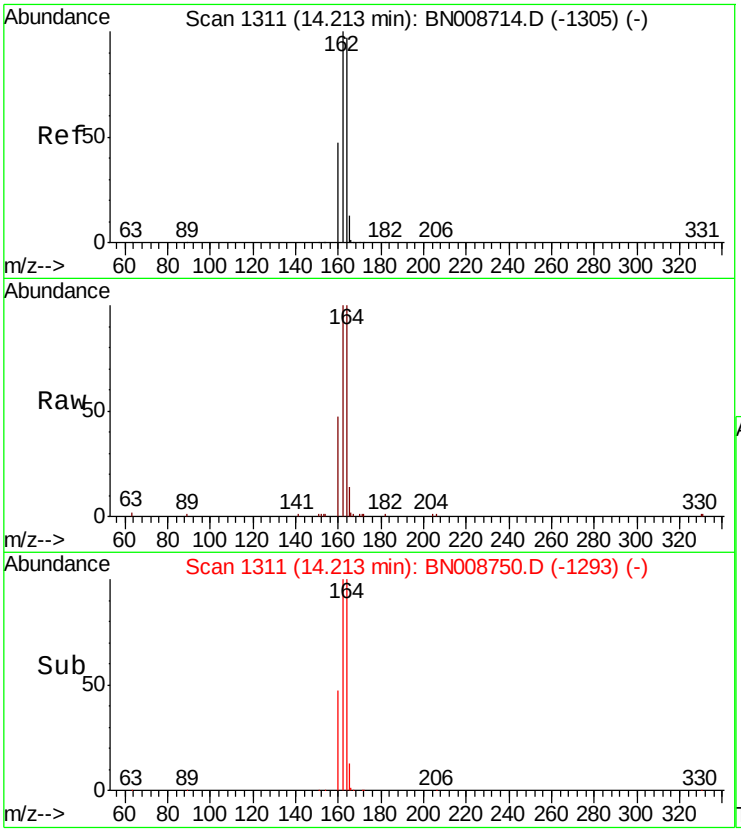


#12
2-Methylnaphthalene
Concen: 0.449 ng
RT: 12.02 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:142 Resp: 14104

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.8	104.6
115	34.3	28.4	42.6



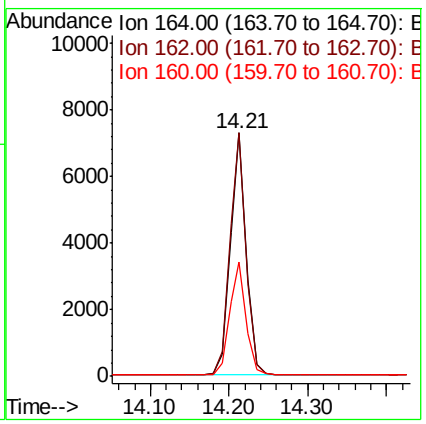


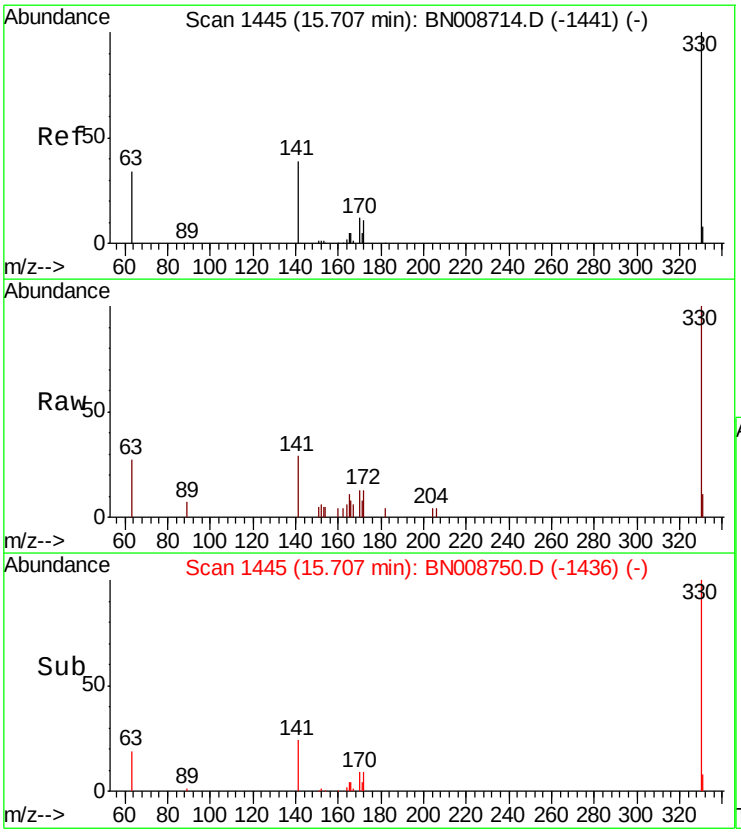
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10293

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.4
160	47.0	38.7	58.1

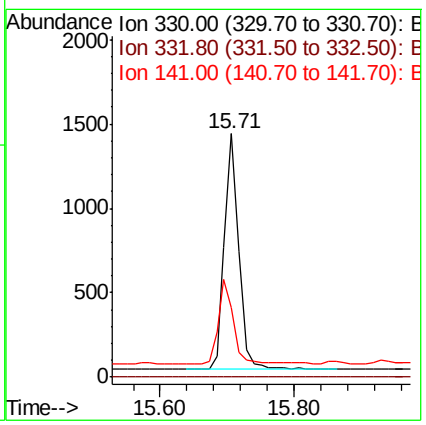


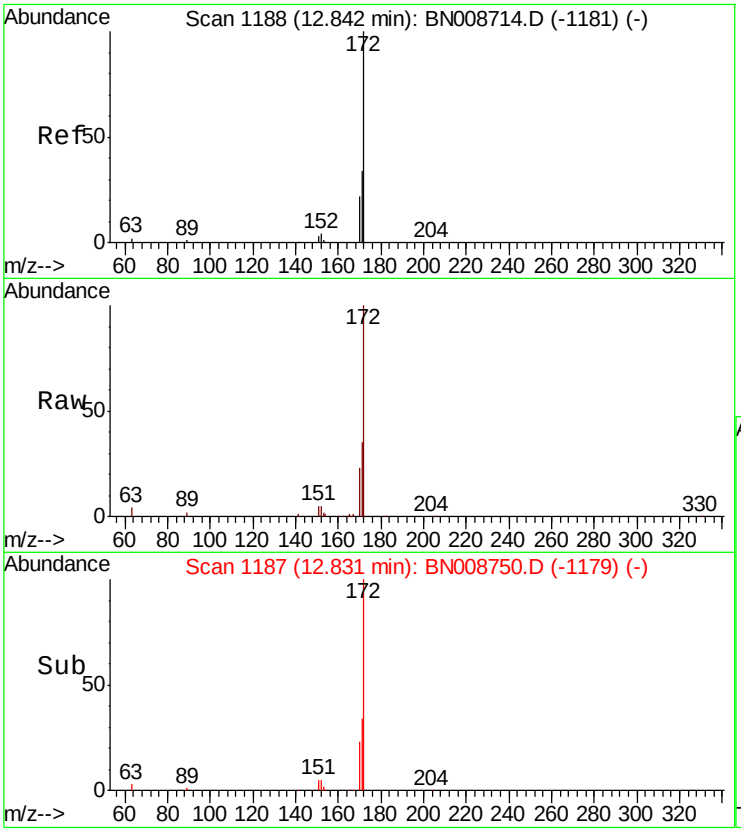


#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:330 Resp: 2104

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.0	29.5	44.3



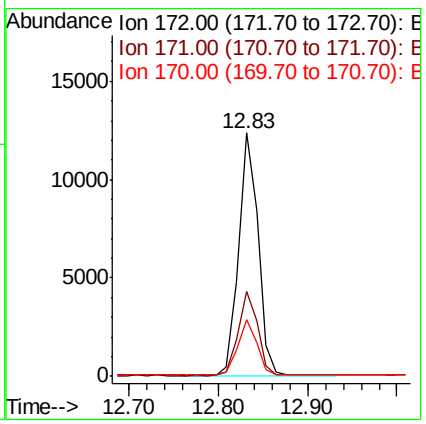


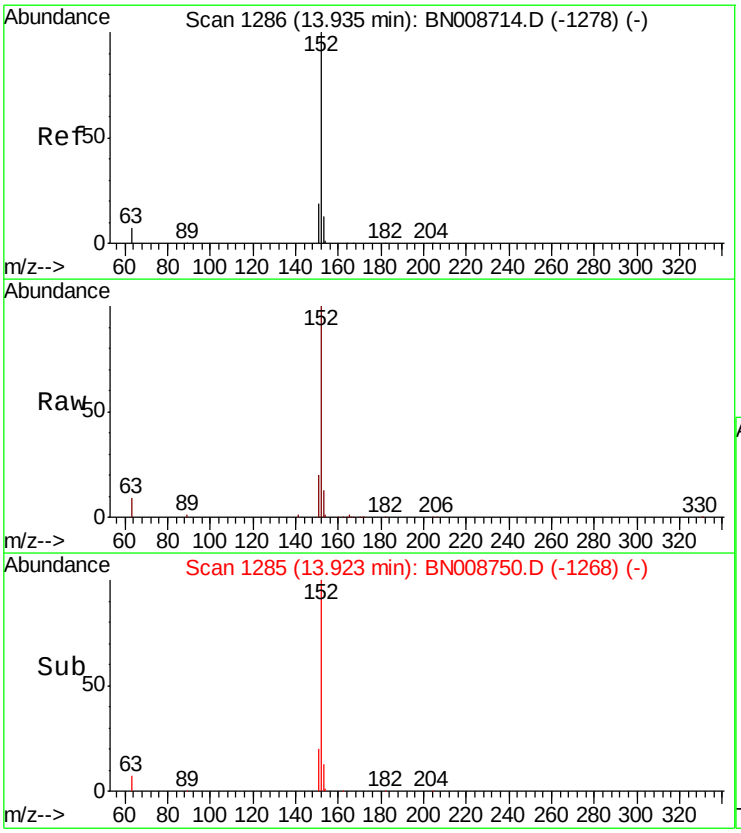
#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 18562

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	23.3	17.8	26.6

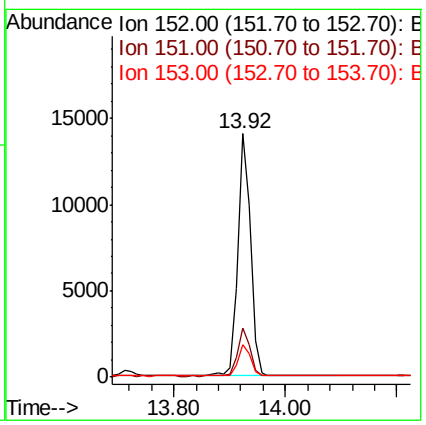


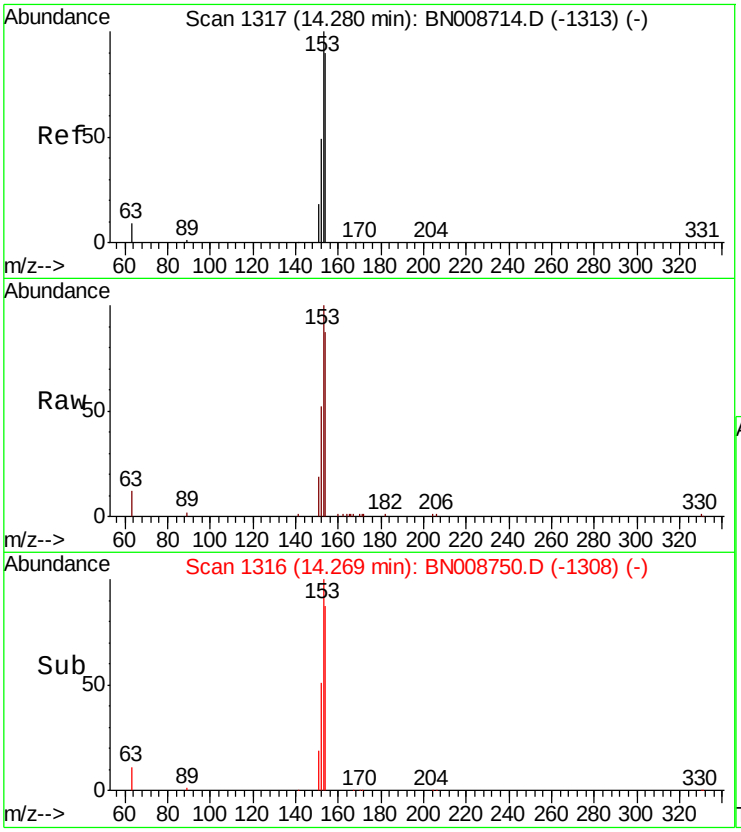


#16
Acenaphthylene
Concen: 0.457 ng
RT: 13.92 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:152 Resp: 21656

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.1	10.3	15.5



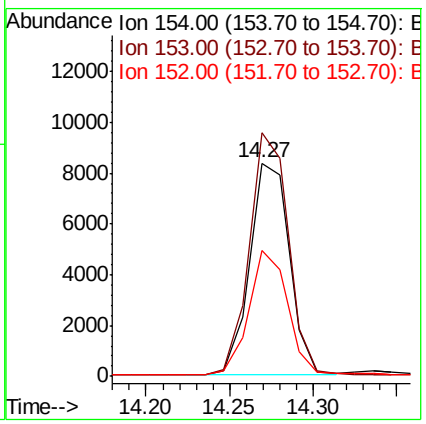


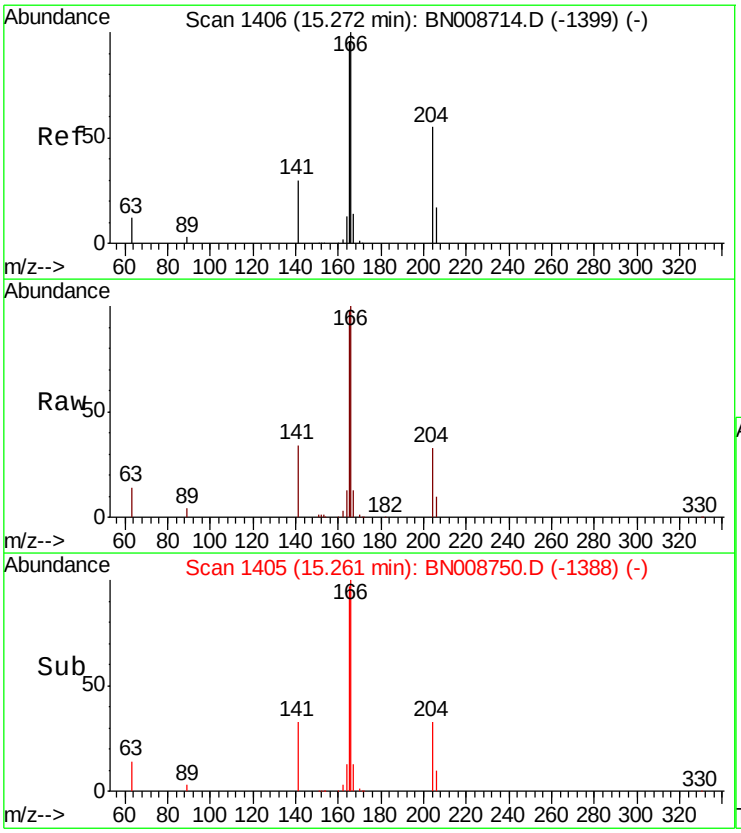
#17
Acenaphthene
Concen: 0.439 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13687

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.6	134.4
152	57.0	44.7	67.1

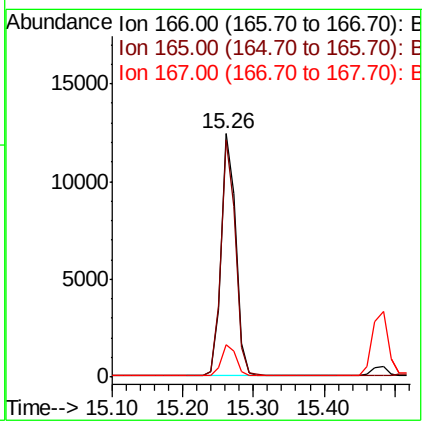


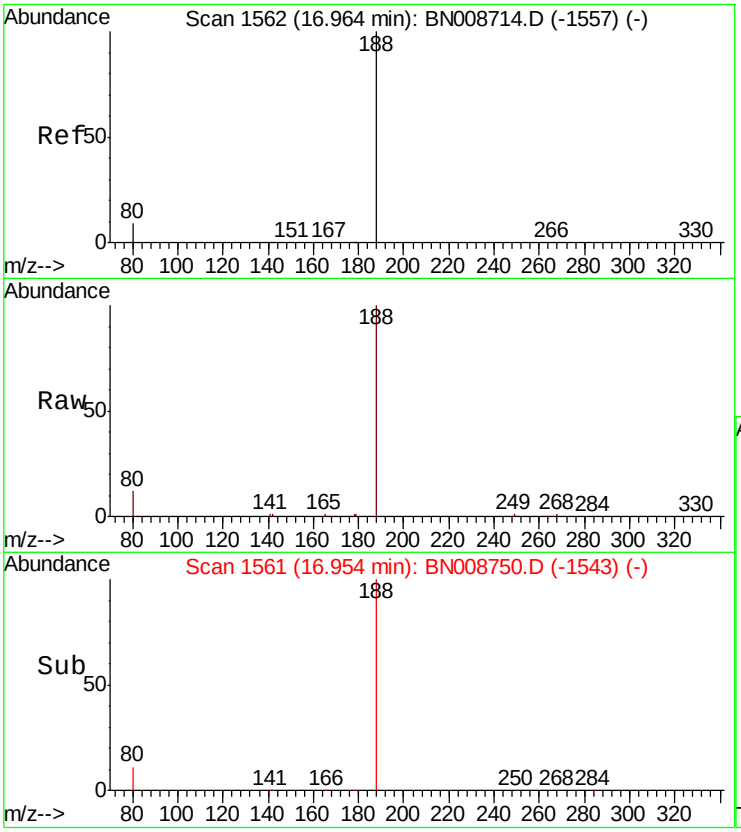


#18
Fluorene
Concen: 0.457 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:166 Resp: 18252

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.7	116.5
167	13.4	10.8	16.2



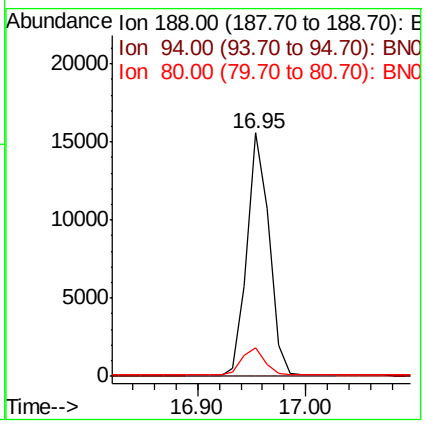


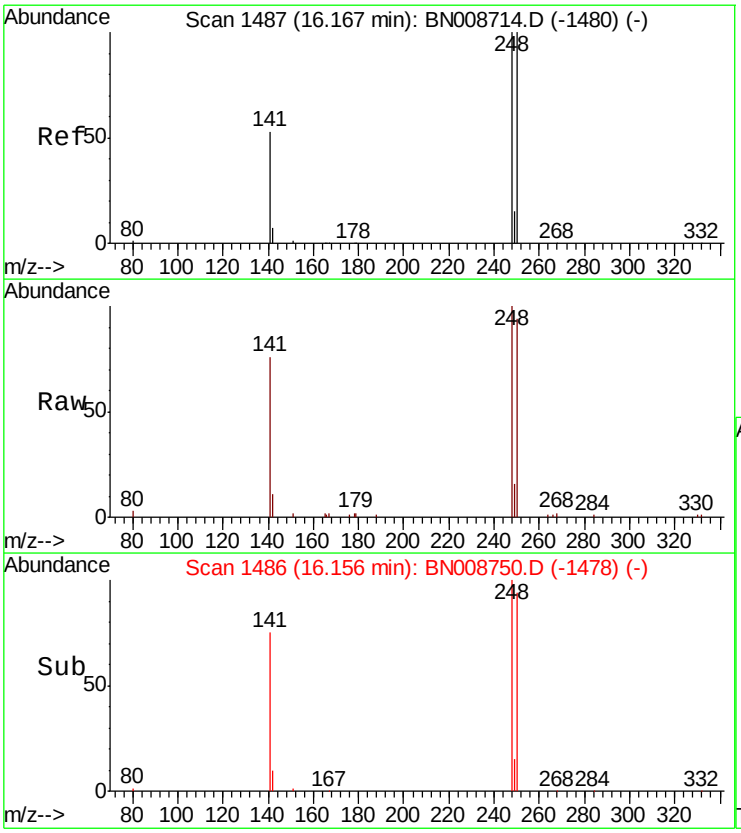
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 22175

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	7.4	11.0#

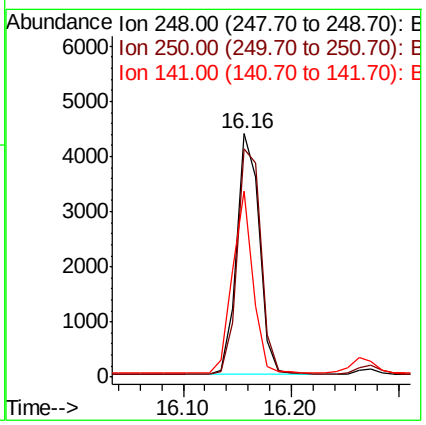


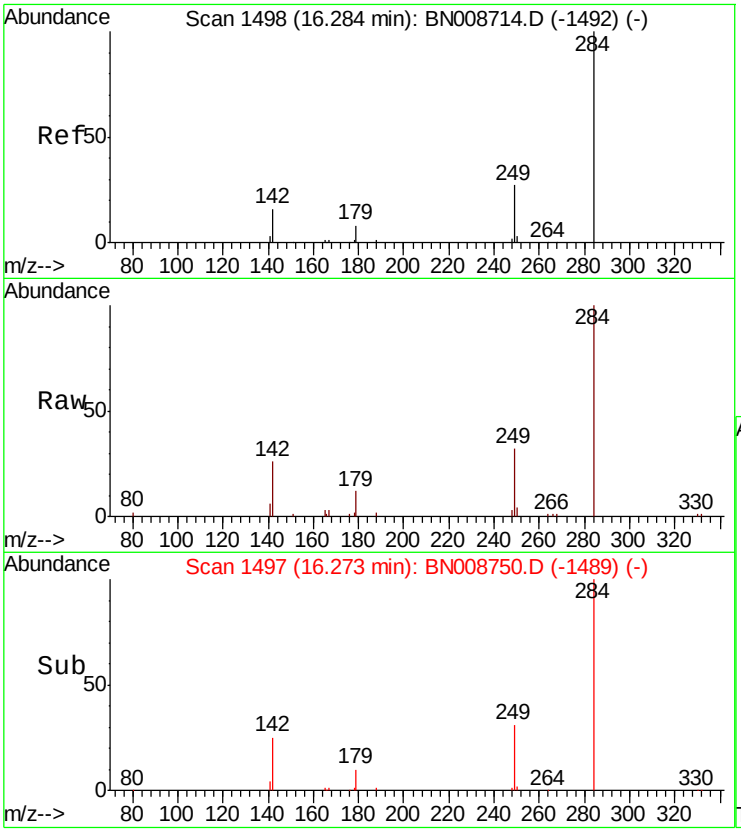


#20
4-Bromophenyl-phenylether
Concen: 0.457 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:248 Resp: 6334

Ion	Ratio	Lower	Upper
248	100		
250	93.9	80.5	120.7
141	76.4	43.8	65.6#



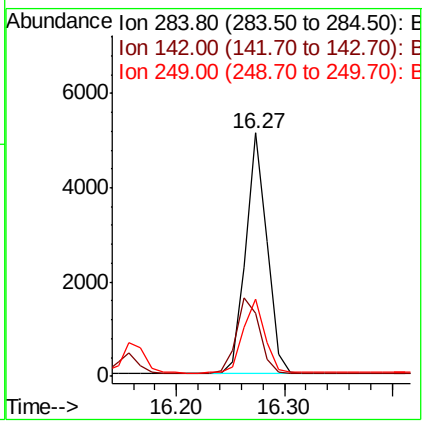


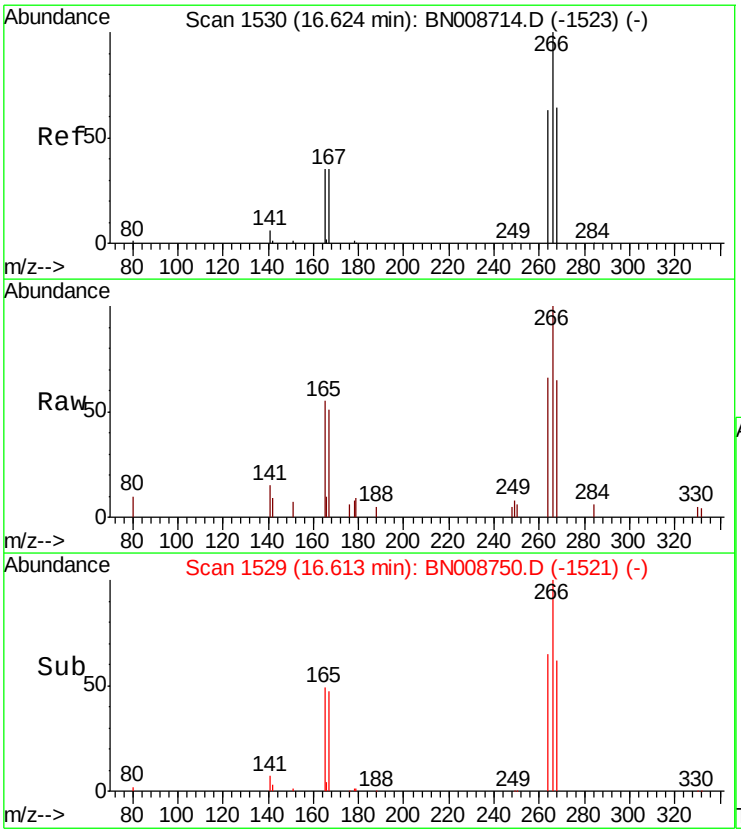
#21
Hexachlorobenzene
Concen: 0.457 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6955

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.4	41.0
249	31.4	25.4	38.0

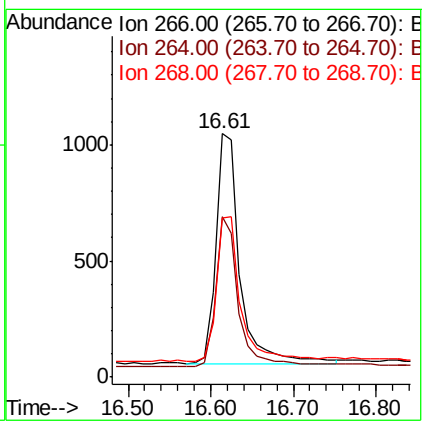


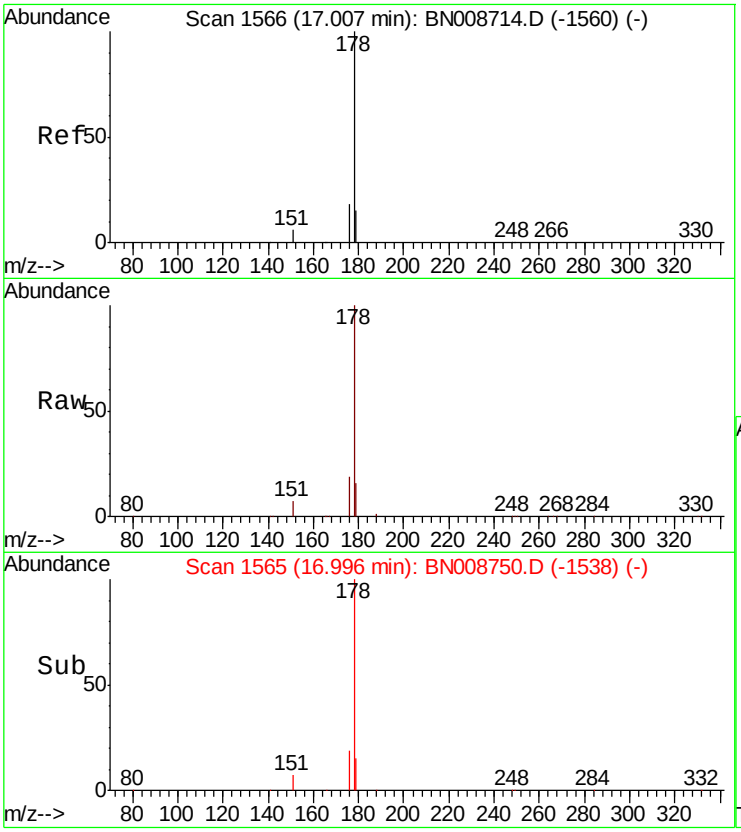


#22
Pentachlorophenol
Concen: 0.368 ng
RT: 16.61 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:266 Resp: 2011

Ion	Ratio	Lower	Upper
266	100		
264	66.1	51.0	76.4
268	65.3	54.1	81.1



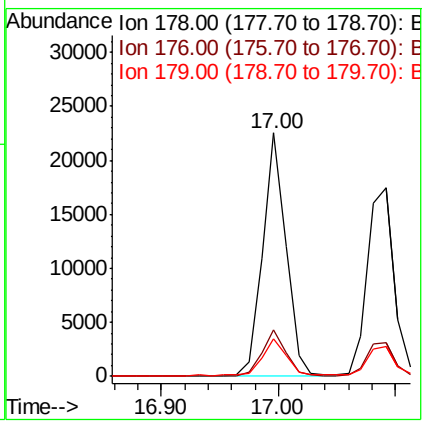


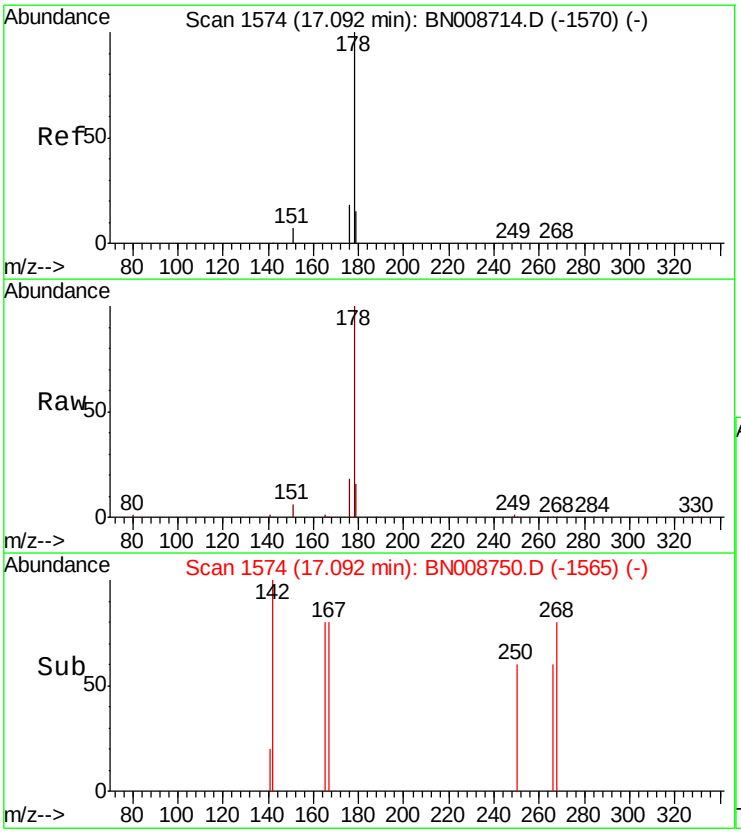
#23
Phenanthrene
Concen: 0.454 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 31028

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.3	18.5

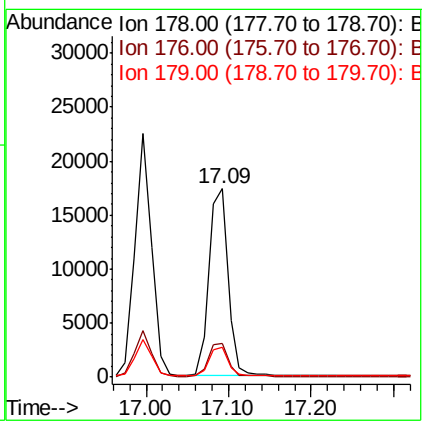


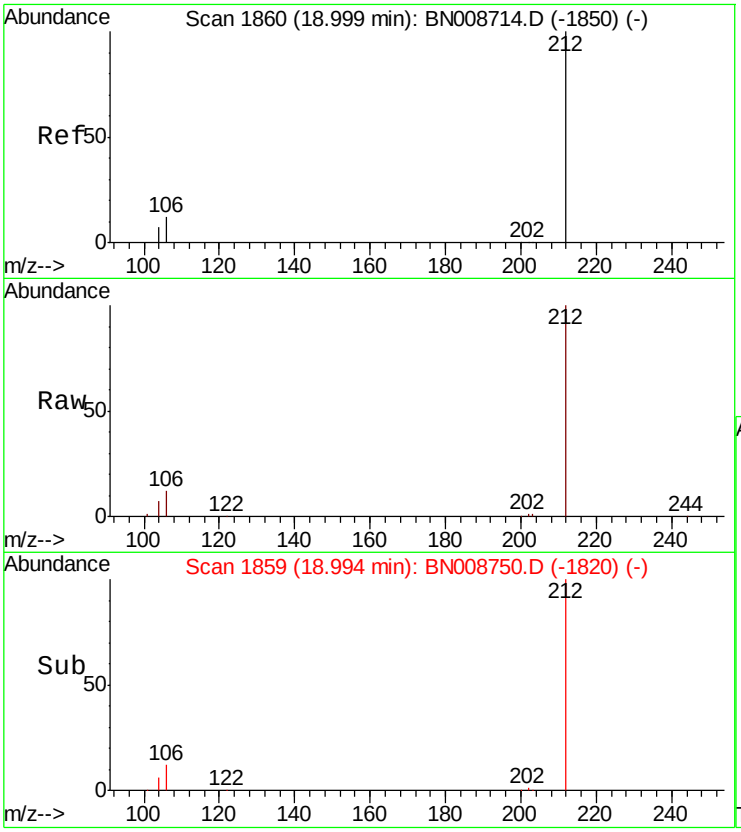


#24
Anthracene
Concen: 0.457 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:178 Resp: 27959

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.3	12.0	18.0



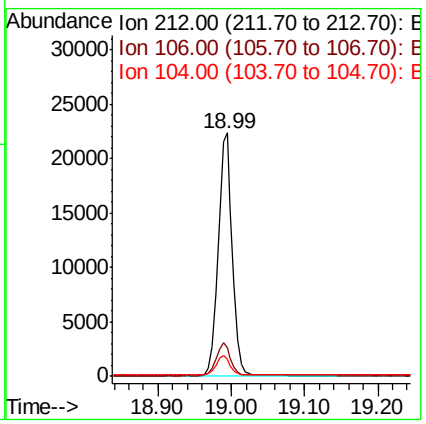


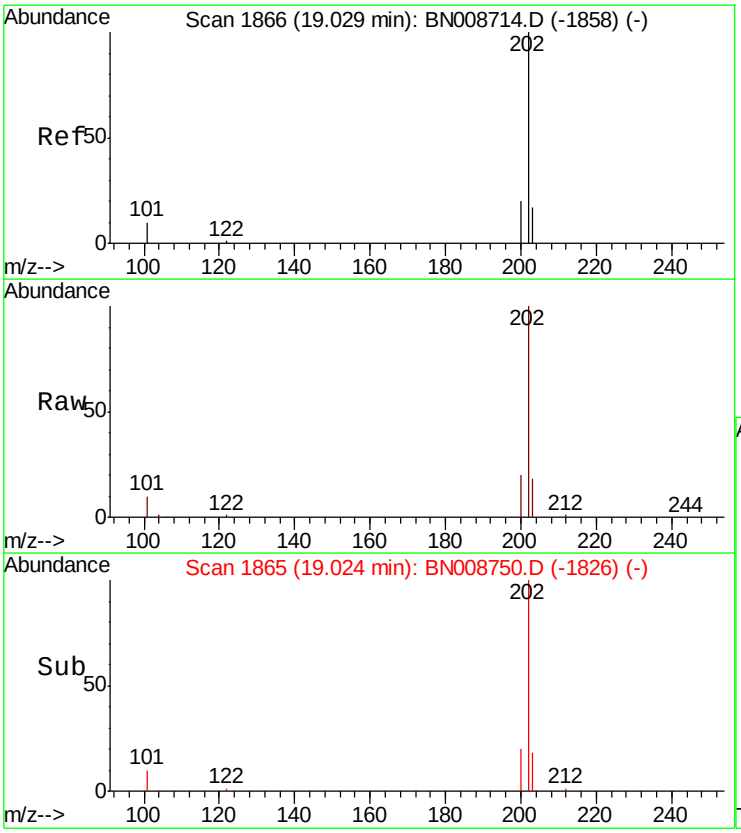
#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 29620

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	7.8	6.0	9.0

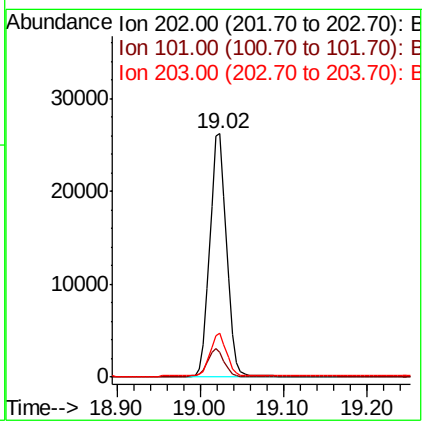


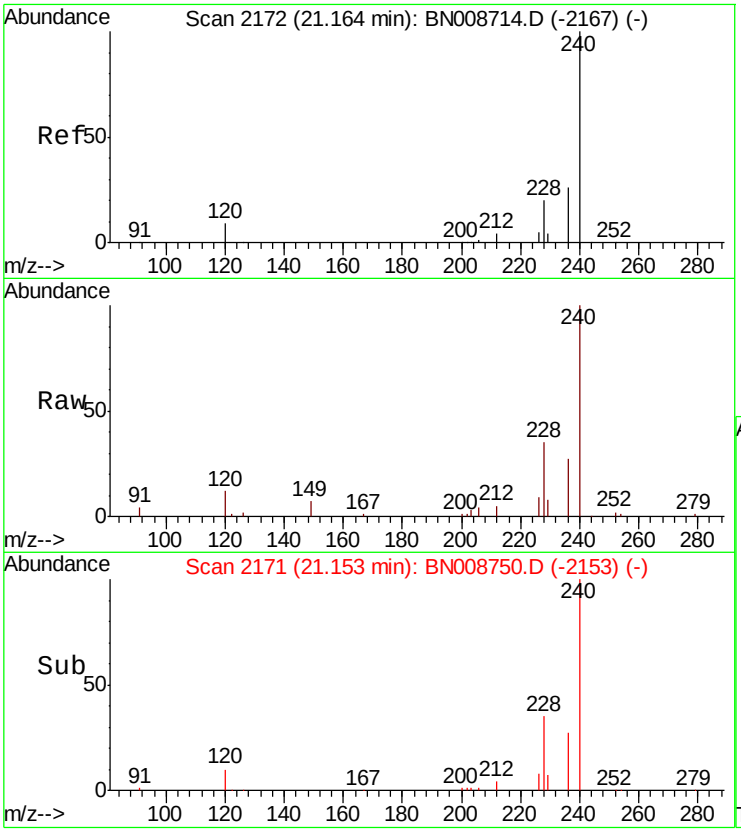


#26
Fluoranthene
Concen: 0.452 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:202 Resp: 36282

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.4
203	17.2	13.8	20.6



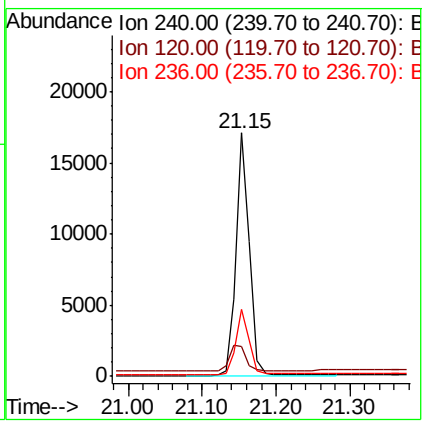


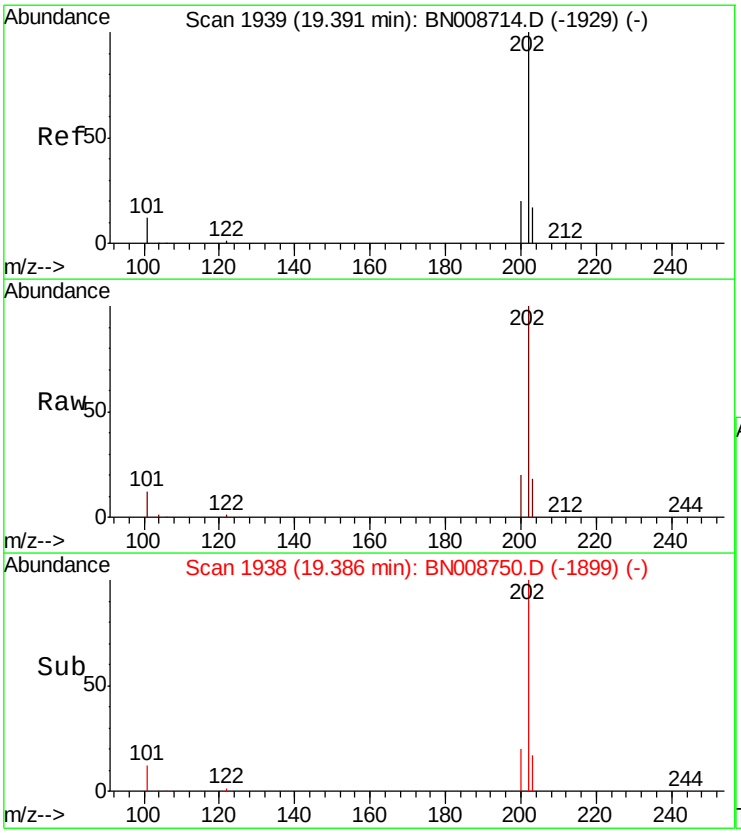
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21399

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	27.3	21.8	32.6

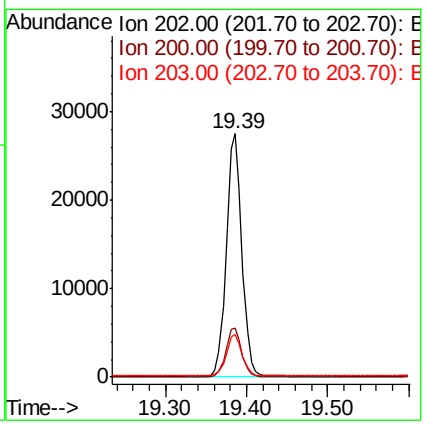


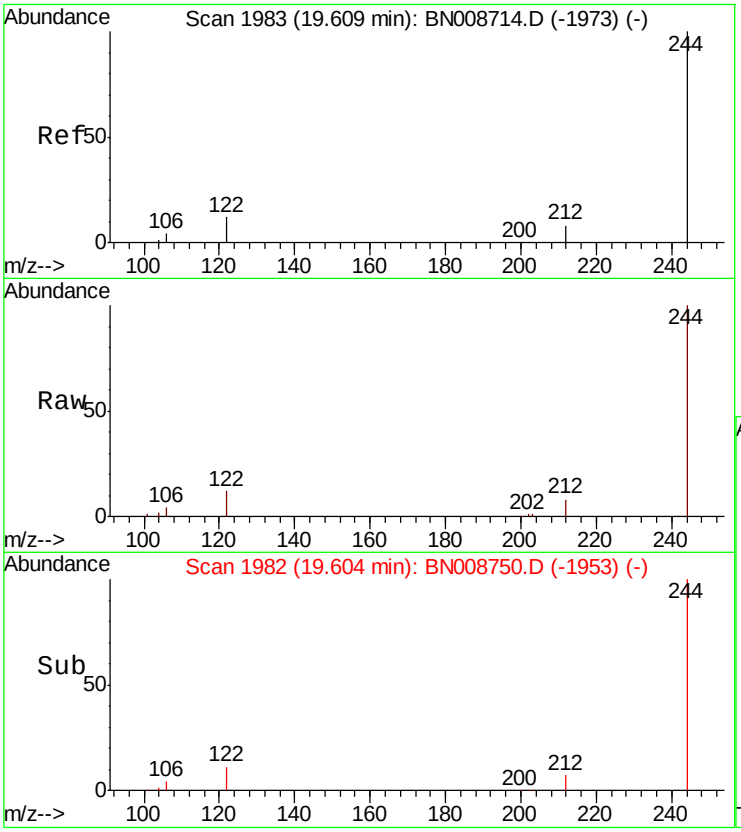


#28
Pyrene
Concen: 0.461 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:202 Resp: 36452

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.4	14.0	21.0



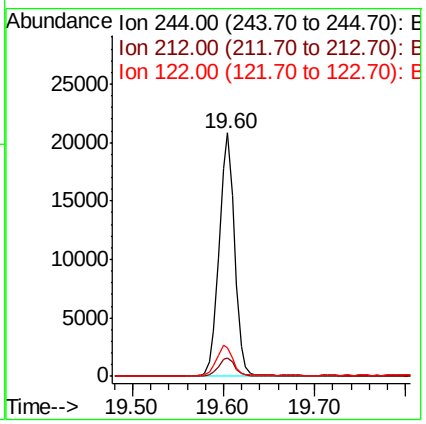


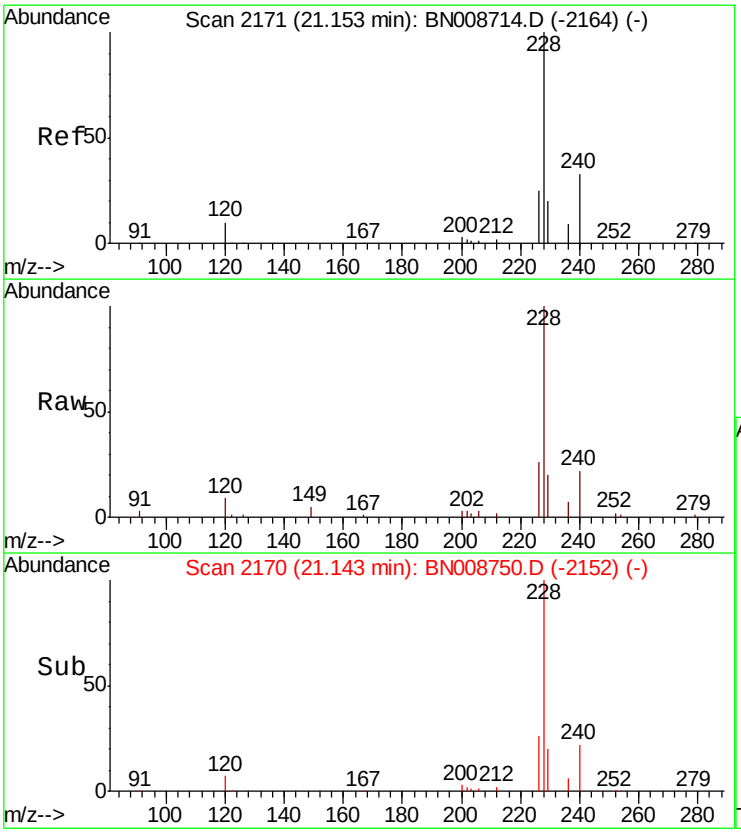
#29
Terphenyl-d14
Concen: 0.469 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 24150

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	11.8	10.1	15.1

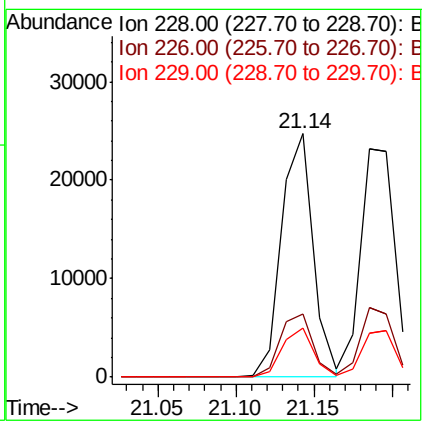


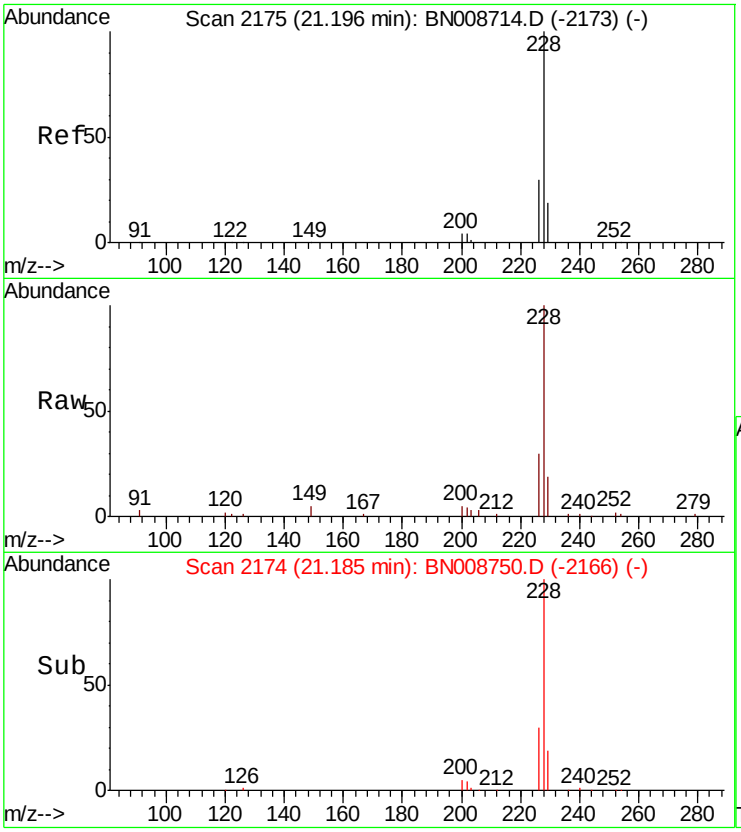


#30
Benzo(a)anthracene
Concen: 0.440 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:228 Resp: 34465

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.3	30.5
229	20.4	16.2	24.4



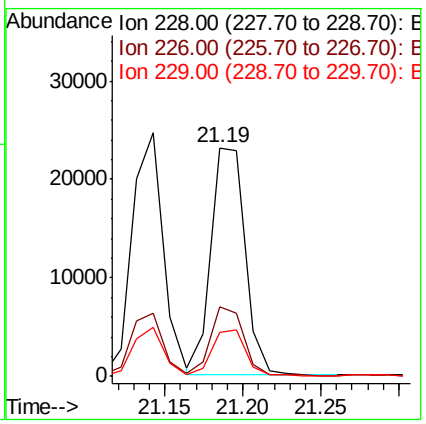


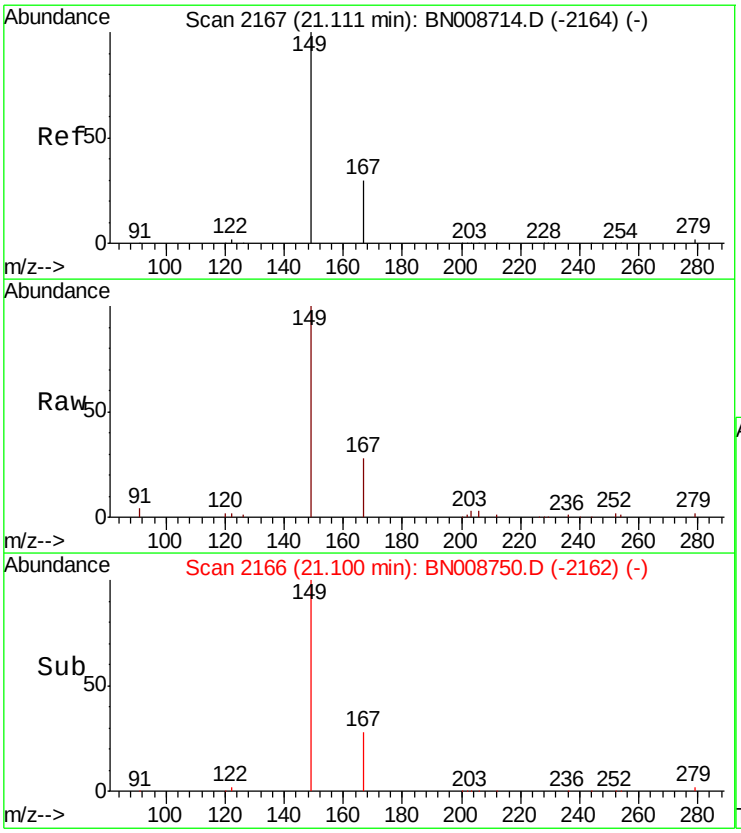
#31
Chrysene
Concen: 0.463 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 35119

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	19.3	15.4	23.0

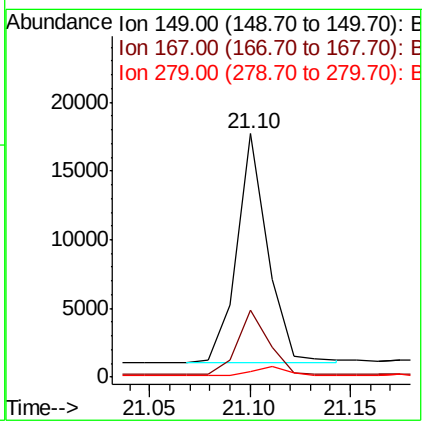


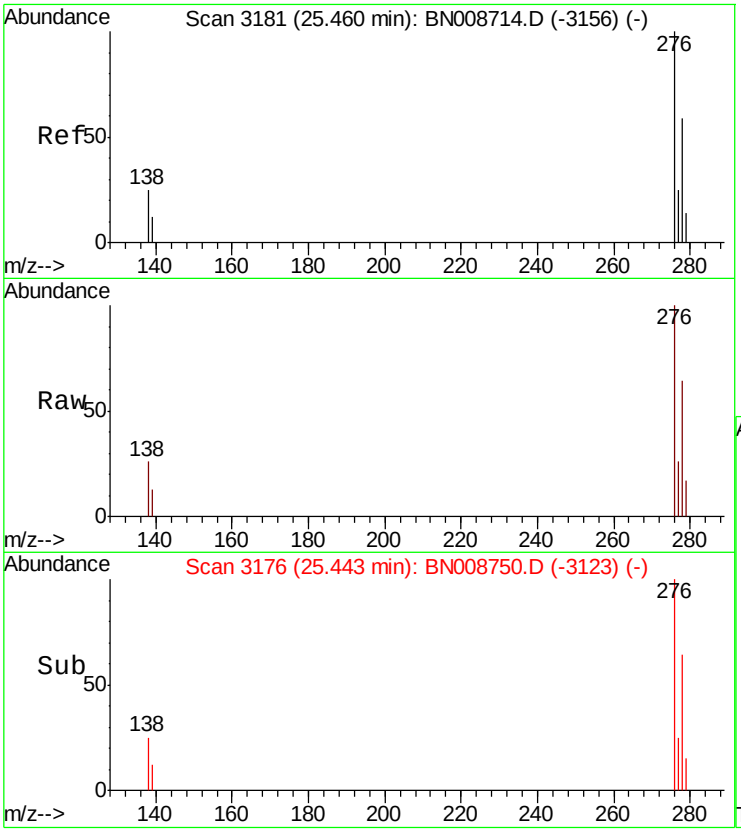


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:149 Resp: 17598

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.5	35.3
279	3.9	3.4	5.0



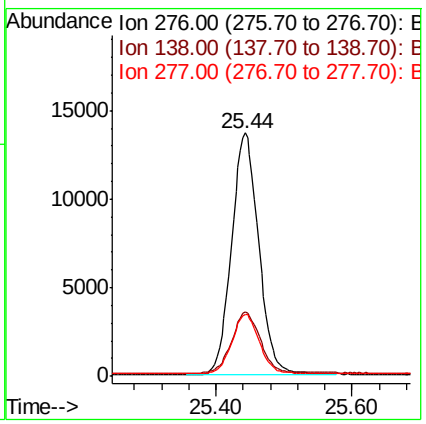


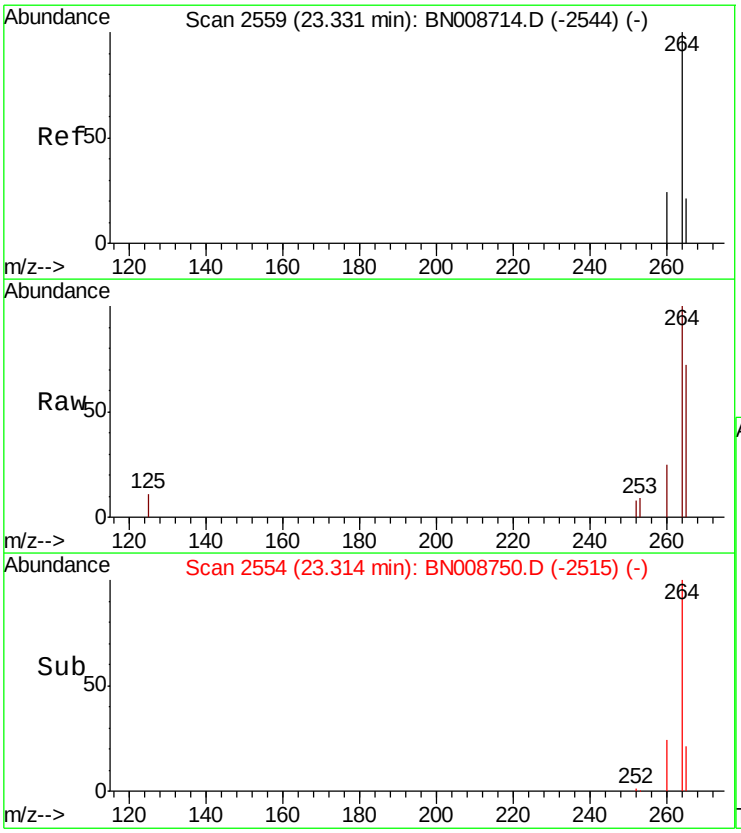
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng
RT: 25.44 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38142

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.0	31.6
277	24.8	19.9	29.9

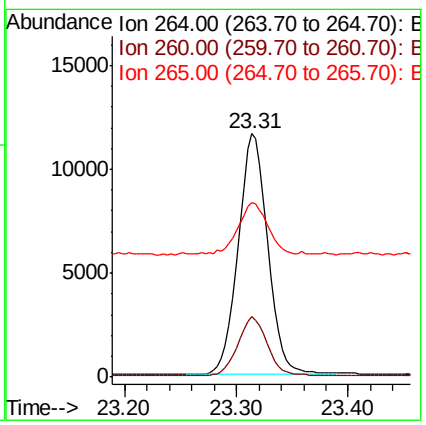


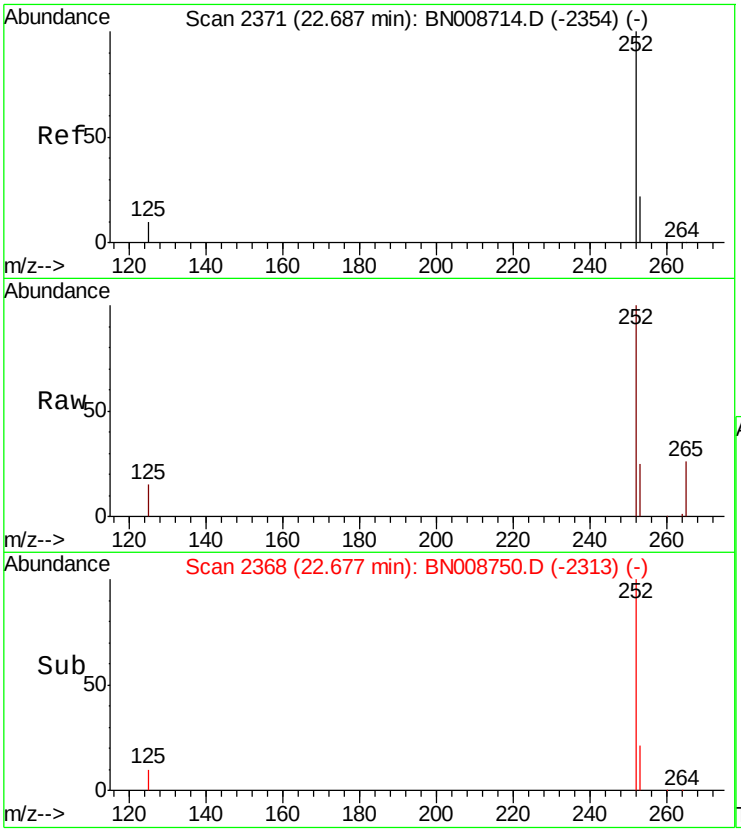


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:264 Resp: 21166

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	71.5	61.8	92.6



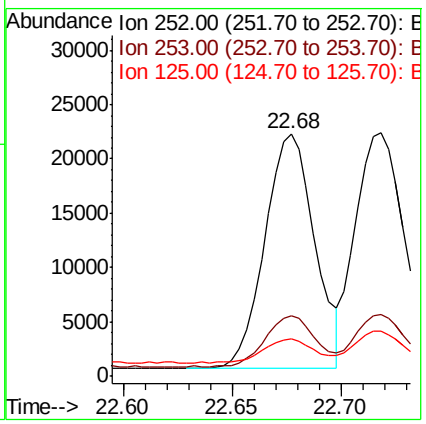


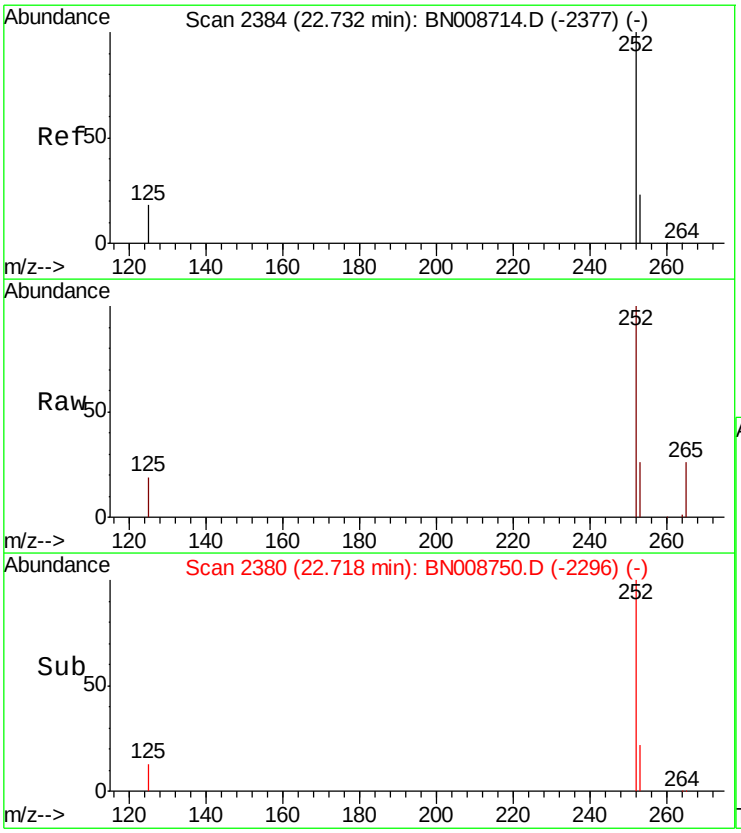
#35
Benzo(b)fluoranthene
Concen: 0.469 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 34346

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.8	31.2
125	15.4	13.5	20.3

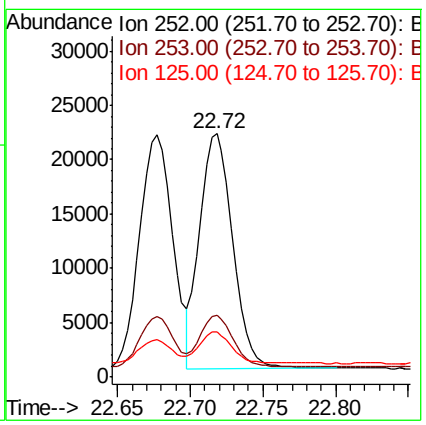


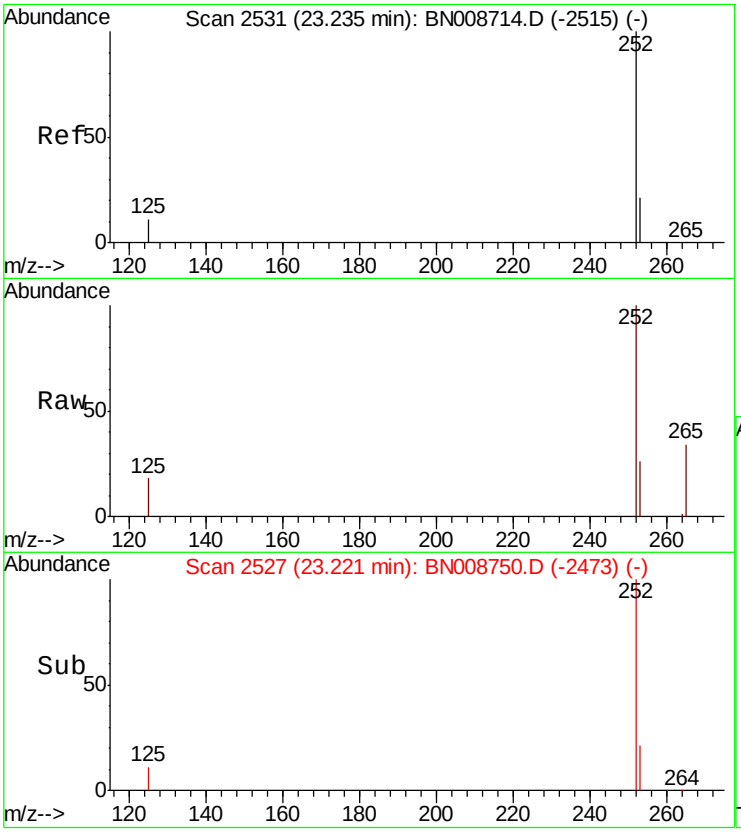


#36
Benzo(k)fluoranthene
Concen: 0.462 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:252 Resp: 34310

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.6
125	18.7	18.2	27.4



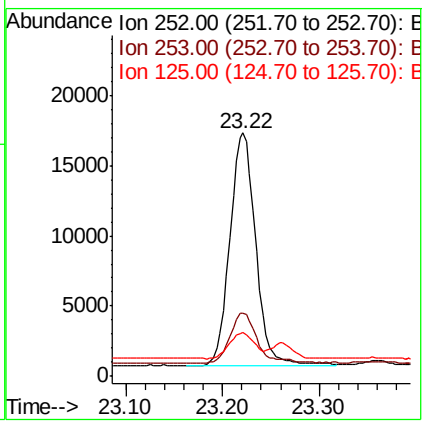


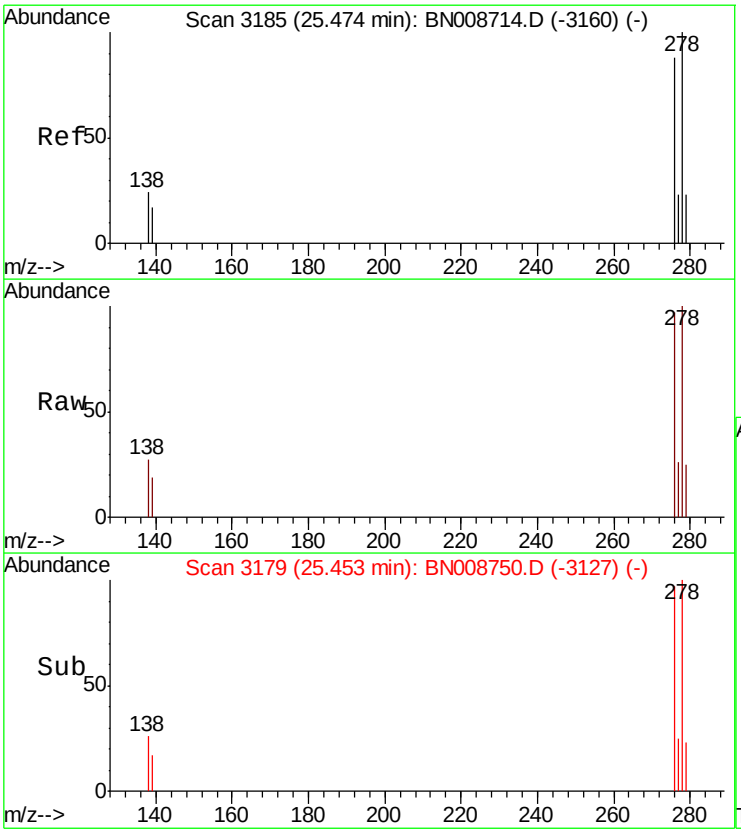
#37
Benzo(a)pyrene
Concen: 0.458 ng
RT: 23.22 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31061

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.9	32.9
125	18.1	16.3	24.5

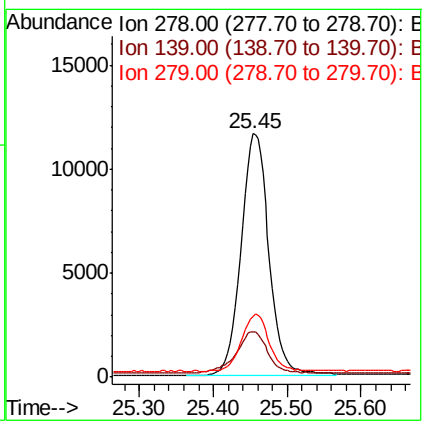


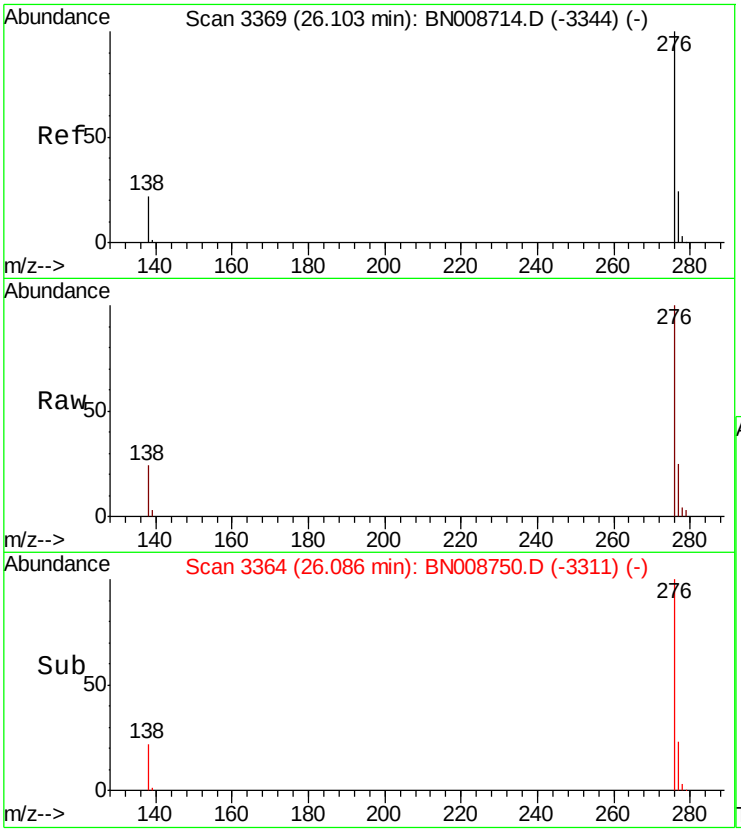


#38
Dibenzo(a,h)anthracene
Concen: 0.460 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Tgt Ion:278 Resp: 30742

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.4	23.2
279	25.0	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.465 ng
RT: 26.09 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BN008750.D
Acq: 25 Nov 2019 23:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 31025

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.4	30.6
138	23.6	19.2	28.8