Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
Data File : BN008743.D
Acq On : 25 Nov 2019 18:52
Operator : JU
Sample : PB124746BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB124746BSD

Quant Time: Nov 26 02:54:06 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	5132	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18487	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10459	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	21585	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	19970	0.40	ng	-0.01
34) Perylene-d12	23.32	264	21112	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3095	0.23	ng	0.00
5) Phenol-d6	6.78	99	2887	0.17	ng	0.00
8) Nitrobenzene-d5	8.72	82	4955	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	12678	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1616	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	15929	0.39	ng	-0.01
25) Fluoranthene-d10	18.99	212	22192	0.35	ng	0.00
29) Terphenyl-d14	19.60	244	22016	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	1021	0.188	ng	# 77
3) n-Nitrosodimethylamine	3.53	42	1309	0.195	ng	# 98
6) bis(2-Chloroethyl)ether	7.03	93	5551	0.349	ng	98
9) Naphthalene	10.39	128	17178	0.348	ng	99
10) Hexachlorobutadiene	10.70	225	3087	0.302	ng	# 98
12) 2-Methylnaphthalene	12.02	142	11764	0.342	ng	98
16) Acenaphthylene	13.92	152	17380	0.361	ng	99
17) Acenaphthene	14.28	154	10790	0.341	ng	99
18) Fluorene	15.26	166	13801	0.340	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	5312	0.394	ng	# 82
21) Hexachlorobenzene	16.27	284	4776	0.322	ng	99
22) Pentachlorophenol	16.61	266	466	0.088	ng	96
23) Phenanthrene	17.00	178	23571	0.354	ng	99
24) Anthracene	17.09	178	20951	0.352	ng	100
26) Fluoranthene	19.02	202	26221	0.335	ng	100
28) Pyrene	19.39	202	26842	0.364	ng	99
30) Benzo(a)anthracene	21.14	228	24659	0.337	ng	98
31) Chrysene	21.20	228	24891	0.352	ng	98
32) Bis(2-ethylhexyl)phthalate	21.10	149	14970	0.315	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	30146	0.382	ng	100
35) Benzo(b)fluoranthene	22.68	252	25483	0.349	ng	100
36) Benzo(k)fluoranthene	22.72	252	26077	0.352	ng	99
37) Benzo(a)pyrene	23.22	252	24396	0.361	ng	98
38) Dibenzo(a,h)anthracene	25.46	278	24792	0.372	ng	99
39) Benzo(g,h,i)perylene	26.09	276	25831	0.388	ng	99

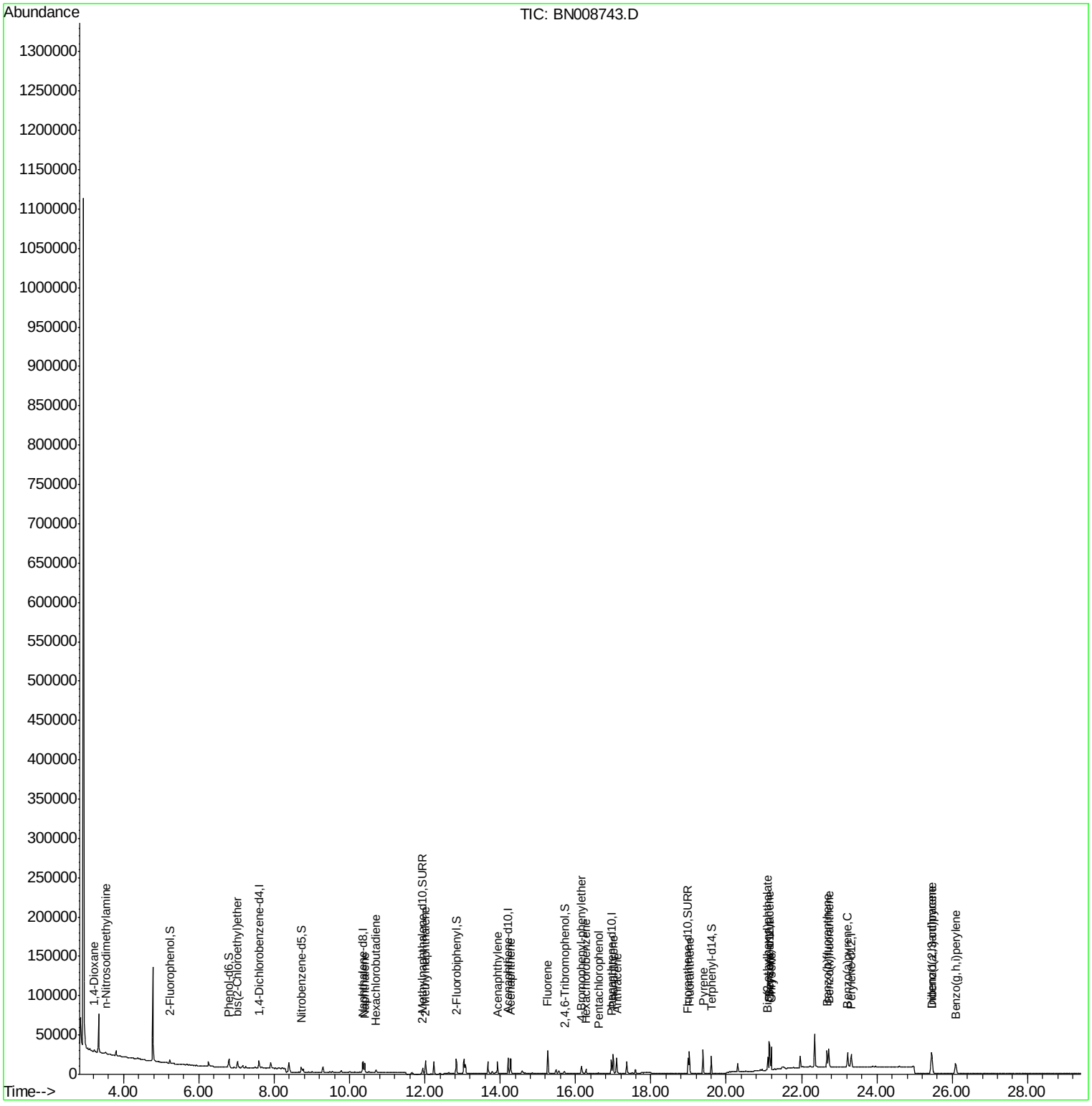
(#) = qualifier out of range (m) = manual integration (+) = signals summed

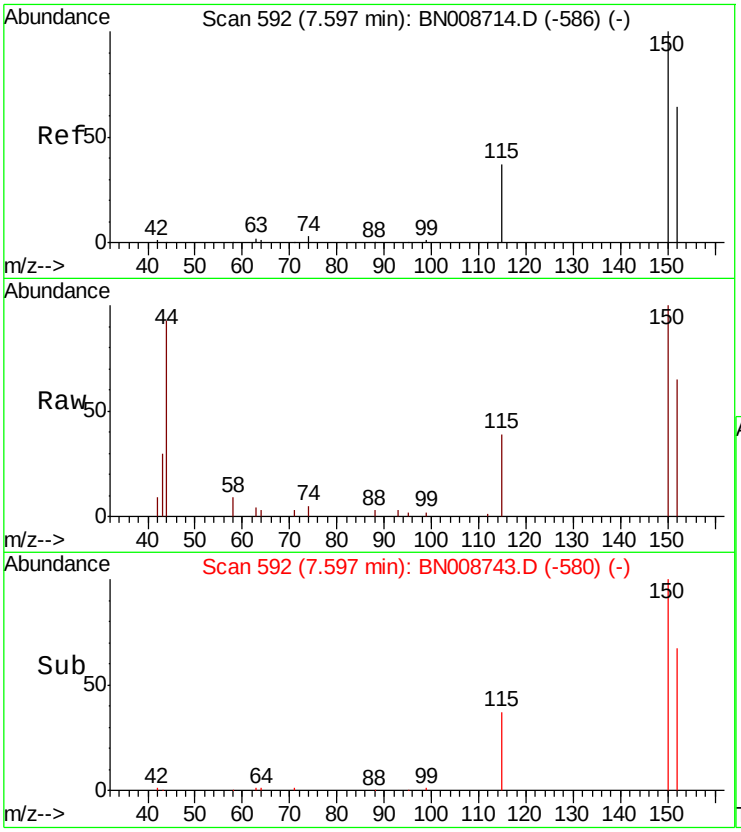
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
Data File : BN008743.D
Acq On : 25 Nov 2019 18:52
Operator : JU
Sample : PB124746BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Quant Time: Nov 26 02:54:06 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



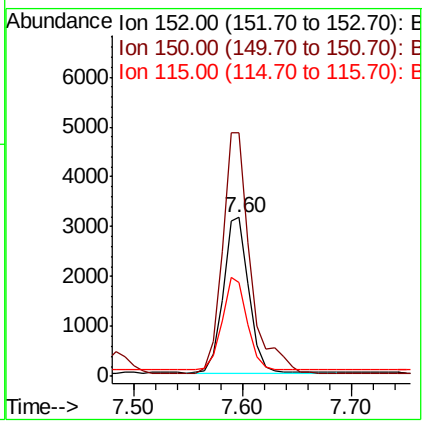


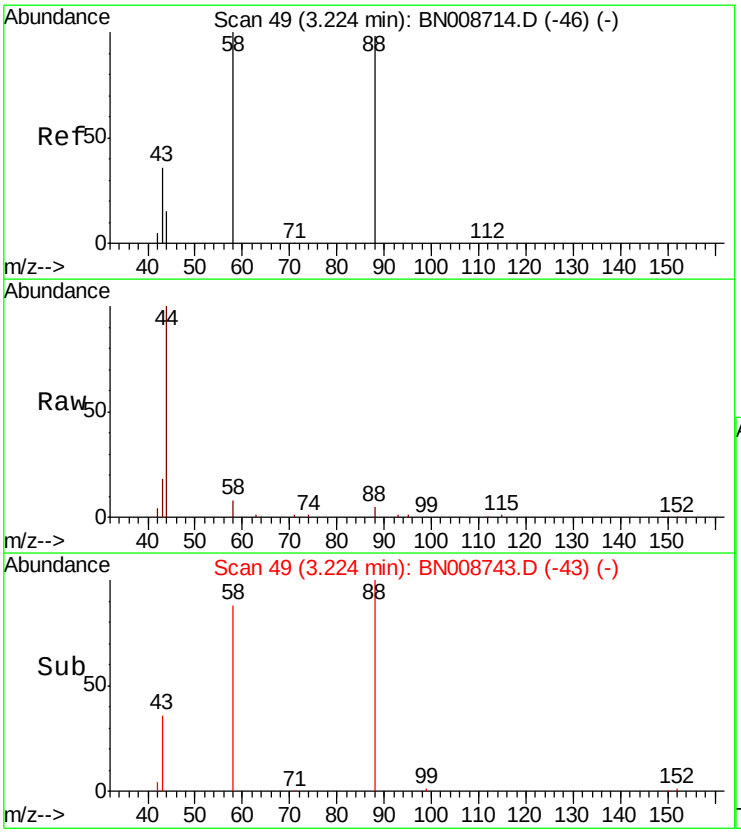
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:152 Resp: 5132

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.0	186.0
115	59.1	49.8	74.8

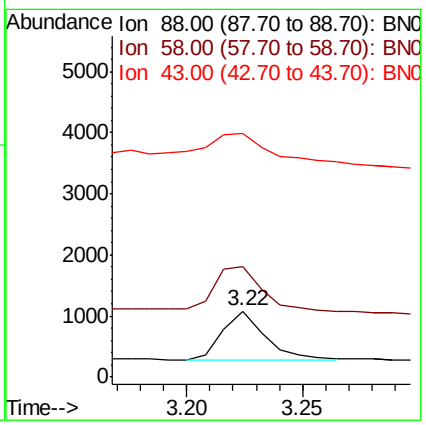


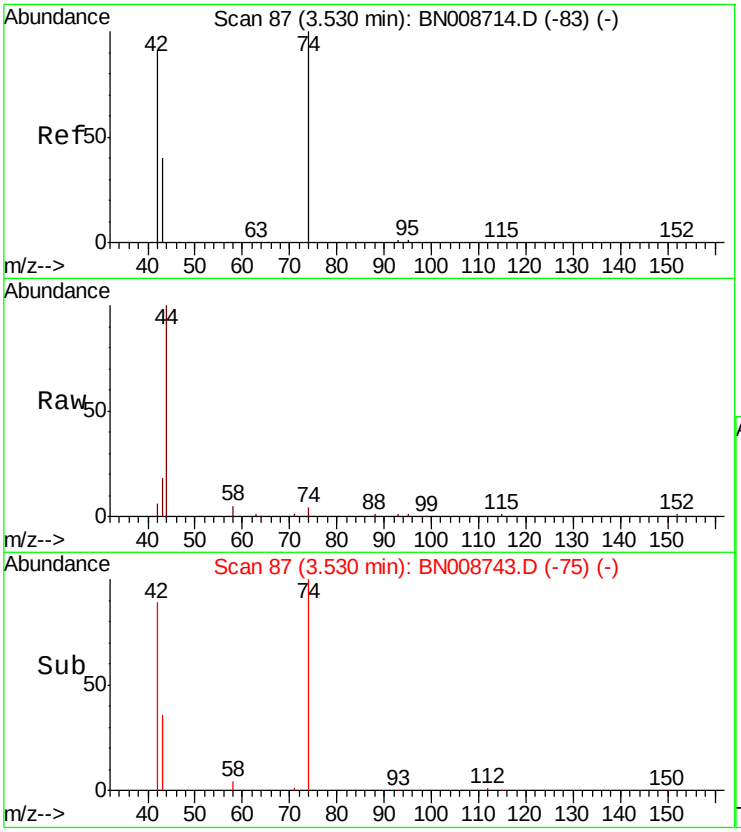


#2
1,4-Dioxane
Concen: 0.188 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion: 88 Resp: 1021

Ion	Ratio	Lower	Upper
88	100		
58	99.2	85.7	128.5
43	76.2	29.5	44.3#



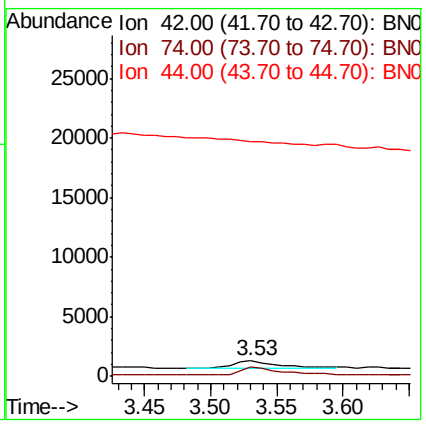


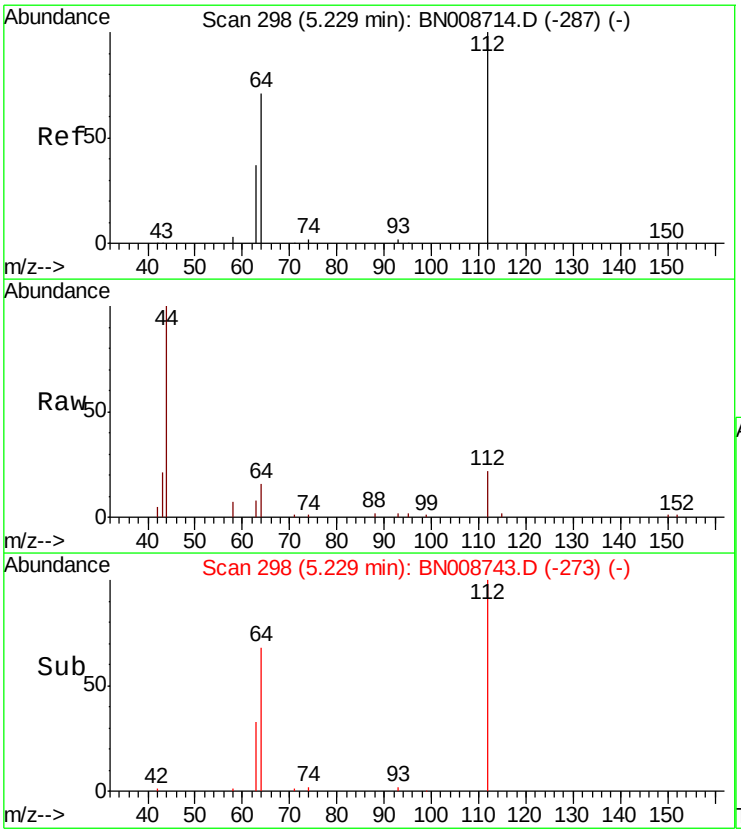
#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion: 42 Resp: 1309

Ion	Ratio	Lower	Upper
42	100		
74	108.3	88.0	132.0
44	0.0	0.0	0.0

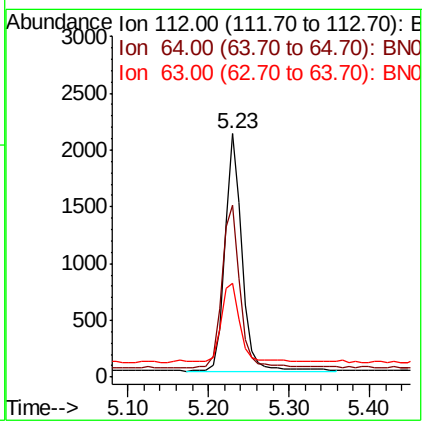


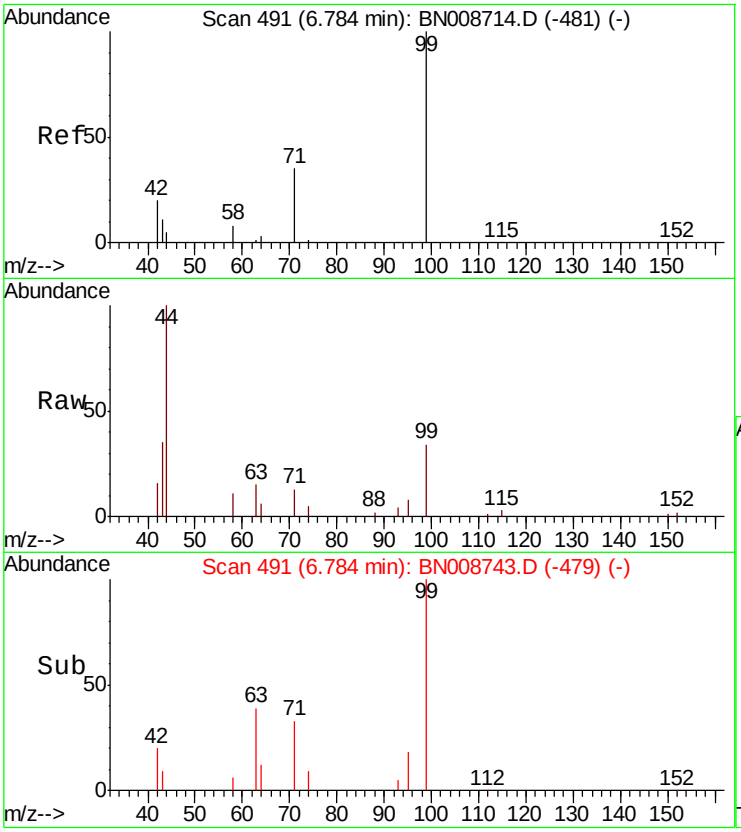


#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:112 Resp: 3095

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.1	85.7
63	36.0	29.7	44.5



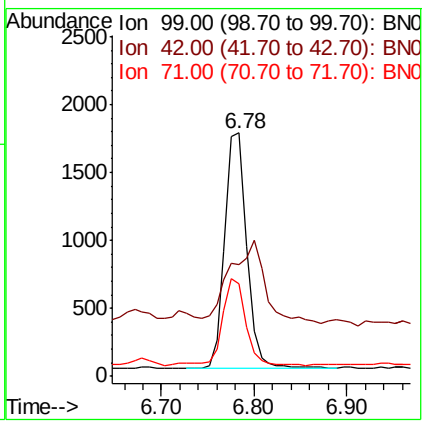


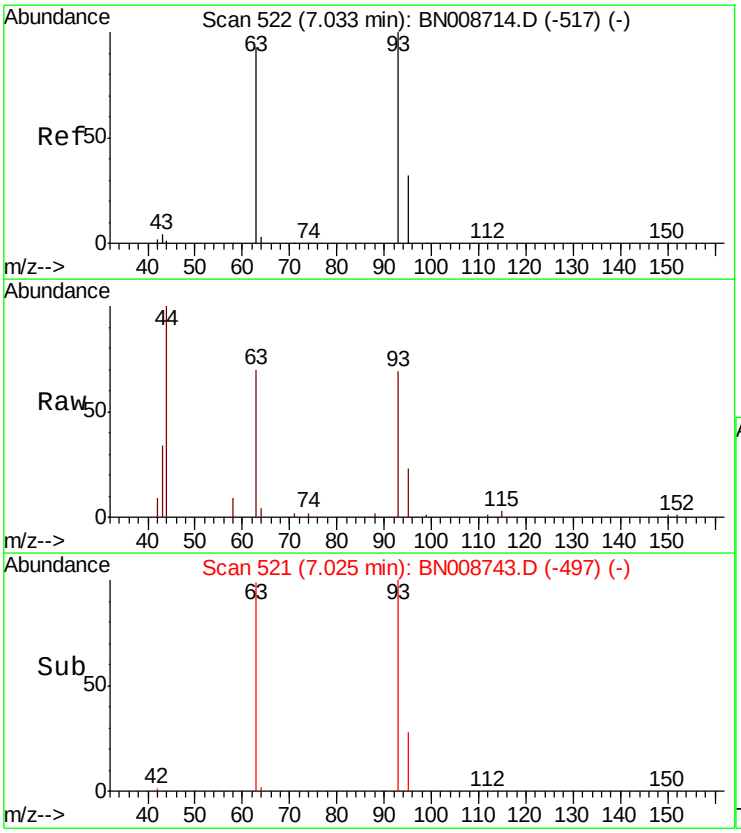
#5
Phenol-d6
Concen: 0.170 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion: 99 Resp: 2887

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.4	29.2#
71	37.2	27.5	41.3

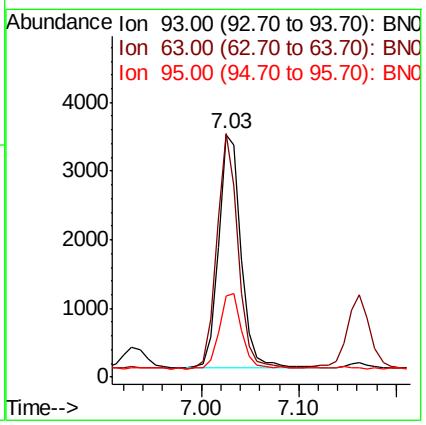


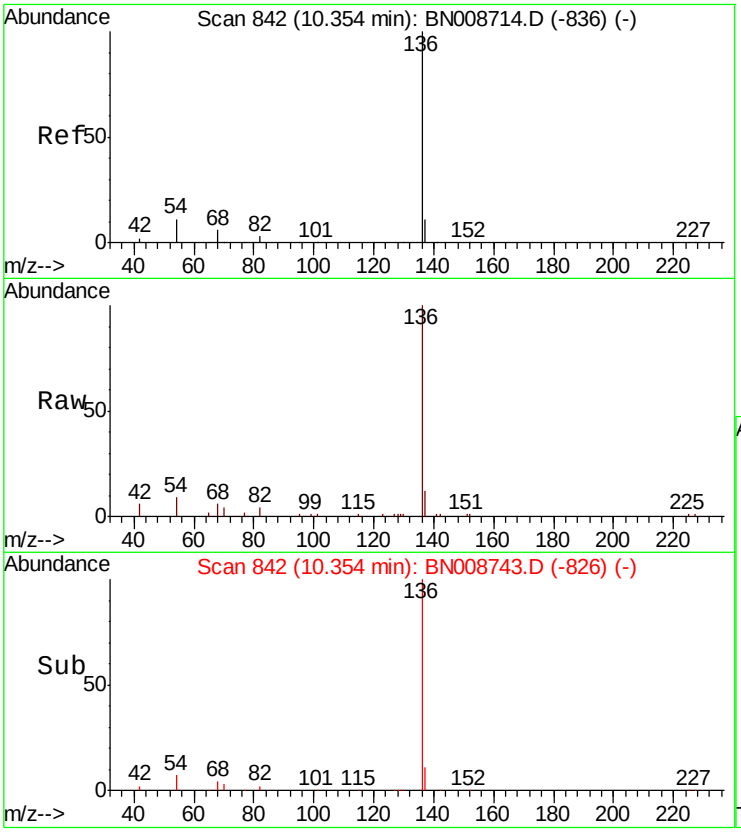


#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.03 min Scan# 521
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion: 93 Resp: 5551

Ion	Ratio	Lower	Upper
93	100		
63	94.7	74.2	111.4
95	33.0	26.2	39.2



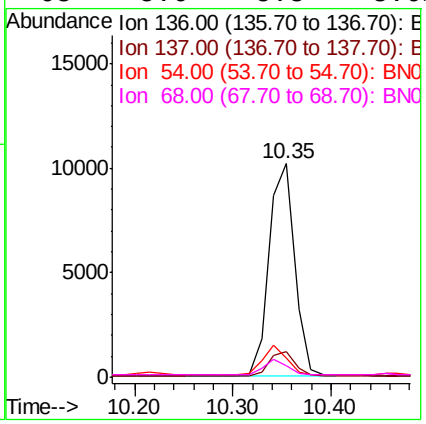


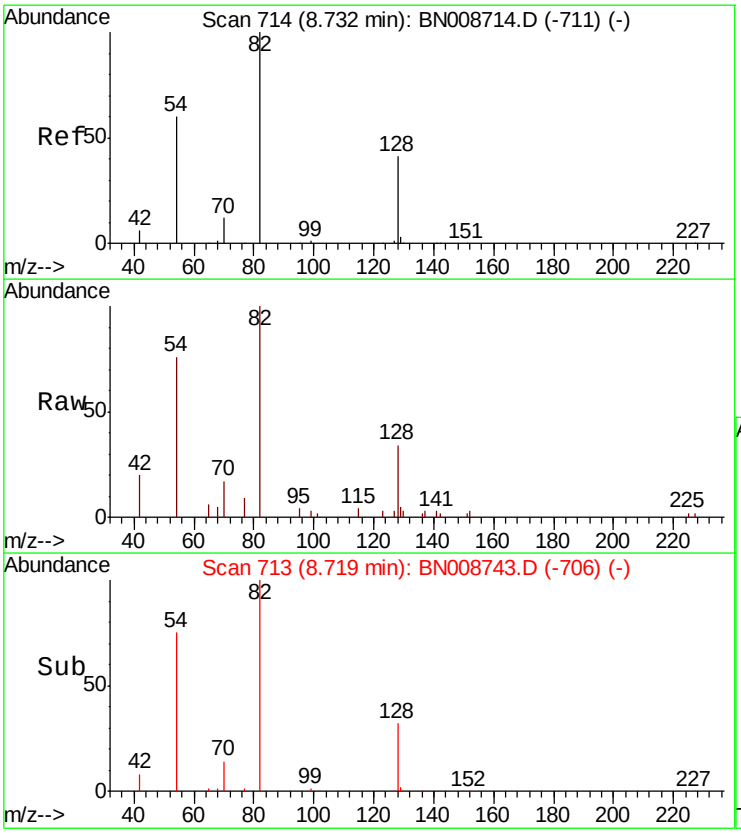
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:136 Resp: 18487

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	8.8	9.4	14.2#
68	5.6	5.8	8.6#

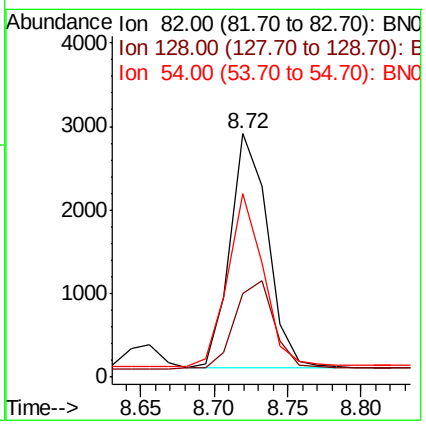


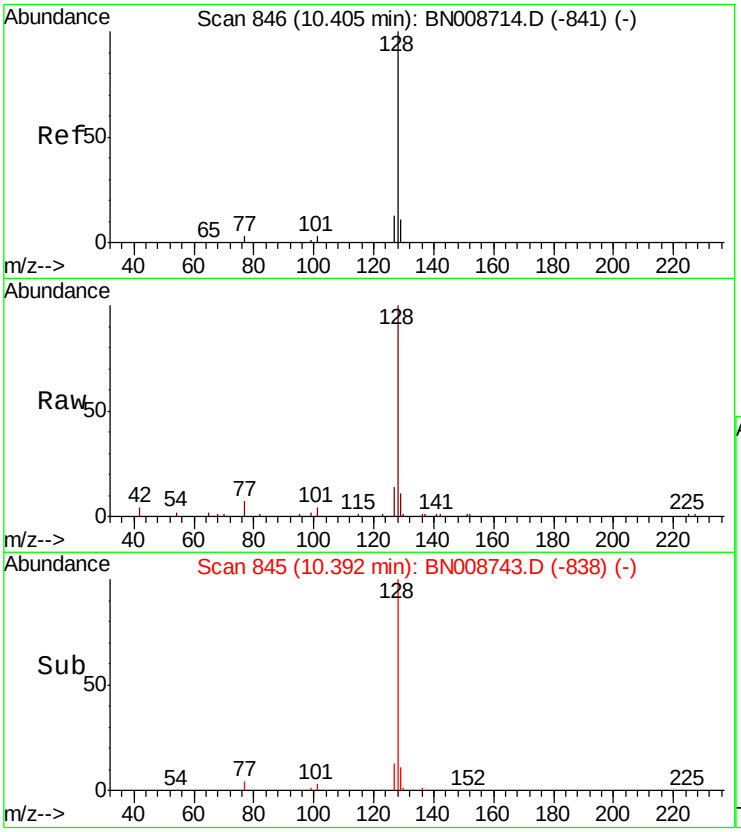


#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion: 82 Resp: 4955

Ion	Ratio	Lower	Upper
82	100		
128	34.3	34.6	52.0#
54	75.5	50.2	75.4#



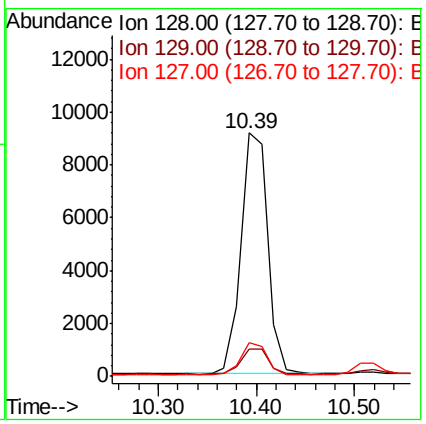


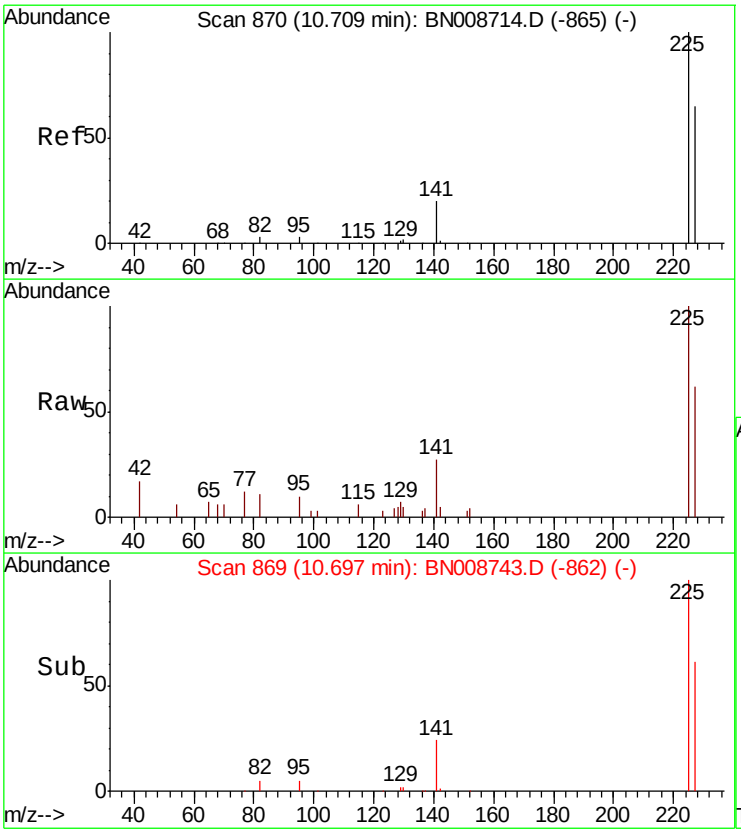
#9
Naphthalene
Concen: 0.348 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:128 Resp: 17178

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.8	10.5	15.7

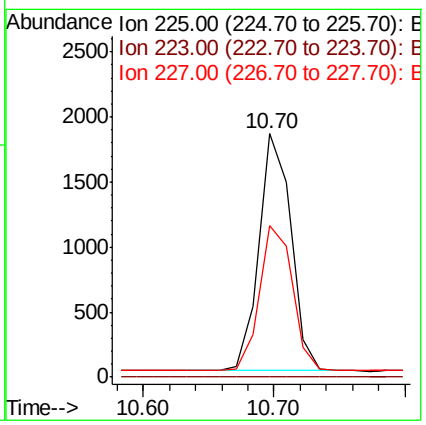


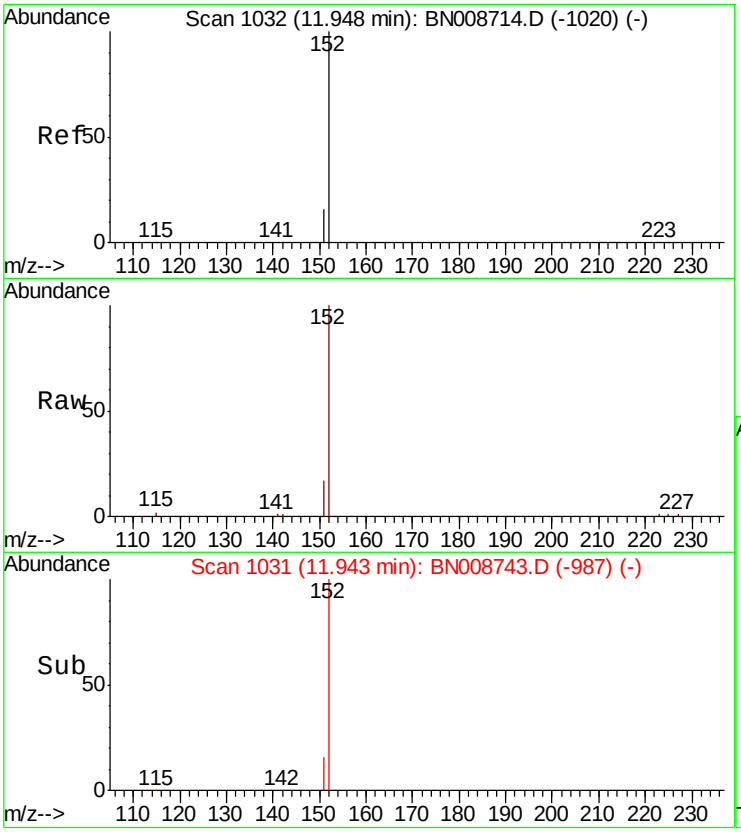


#10
Hexachlorobutadiene
Concen: 0.302 ng
RT: 10.70 min Scan# 869
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:225 Resp: 3087

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.8	77.6



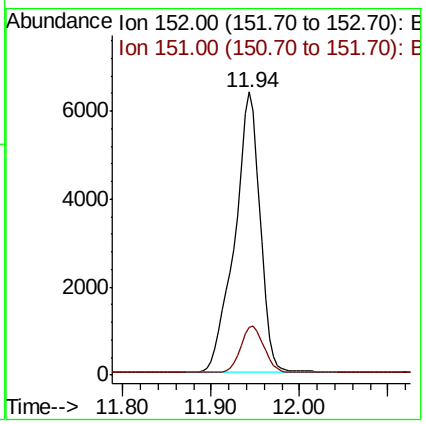


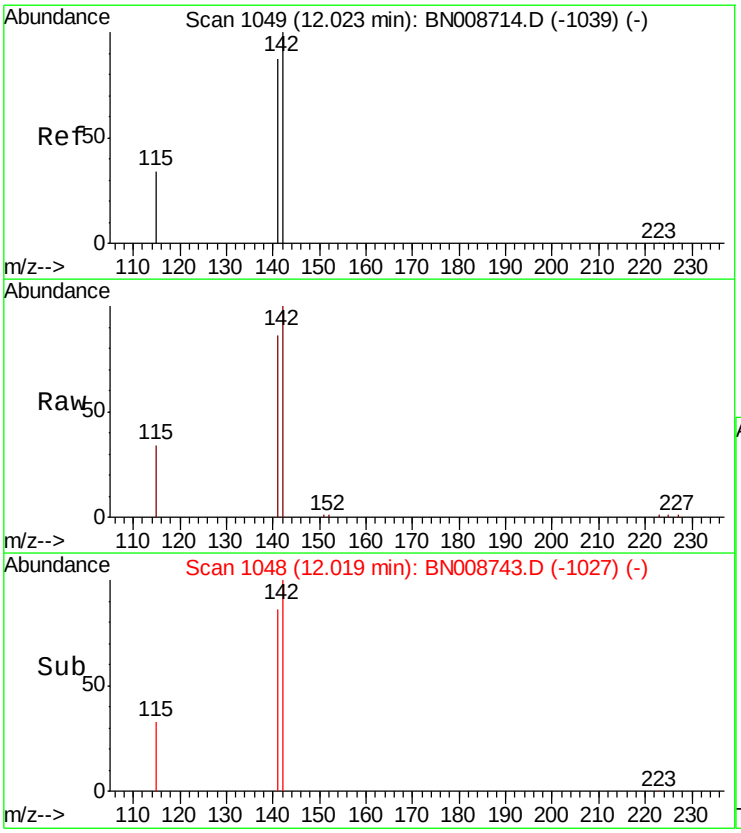
#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:152 Resp: 12678

Ion	Ratio	Lower	Upper
152	100		
151	15.1	15.2	22.8#

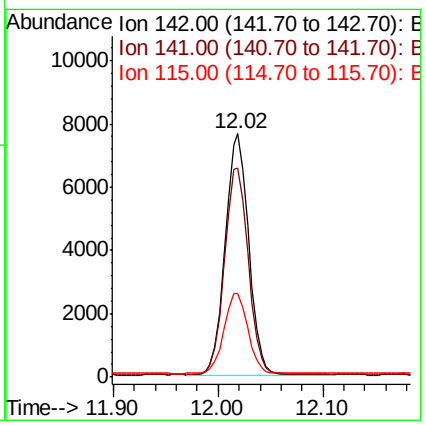


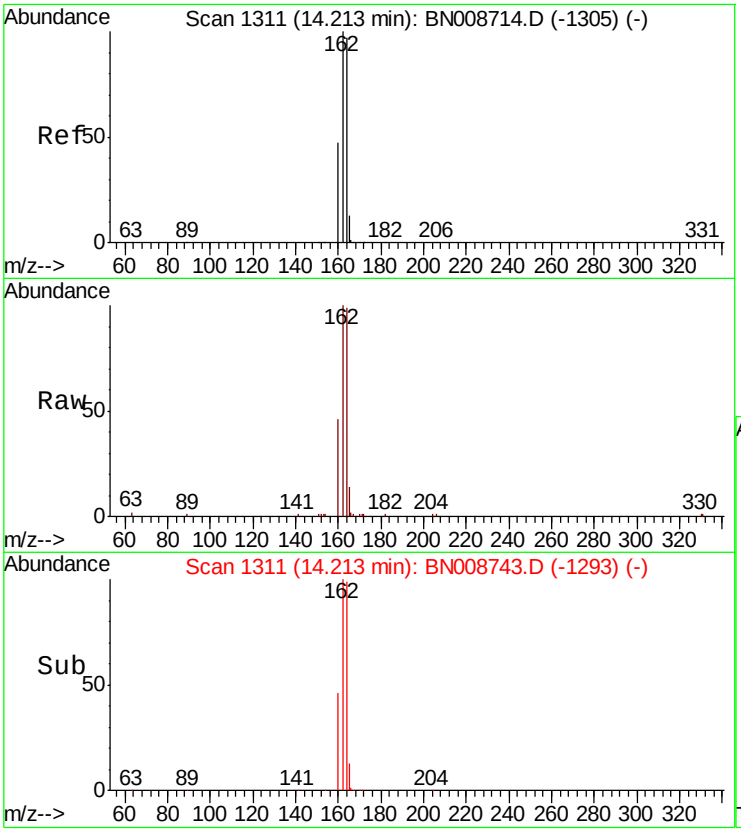


#12
2-Methylnaphthalene
Concen: 0.342 ng
RT: 12.02 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:142 Resp: 11764

Ion	Ratio	Lower	Upper
142	100		
141	85.8	69.8	104.6
115	34.2	28.4	42.6



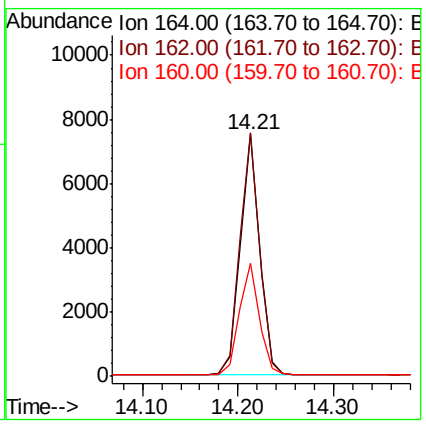


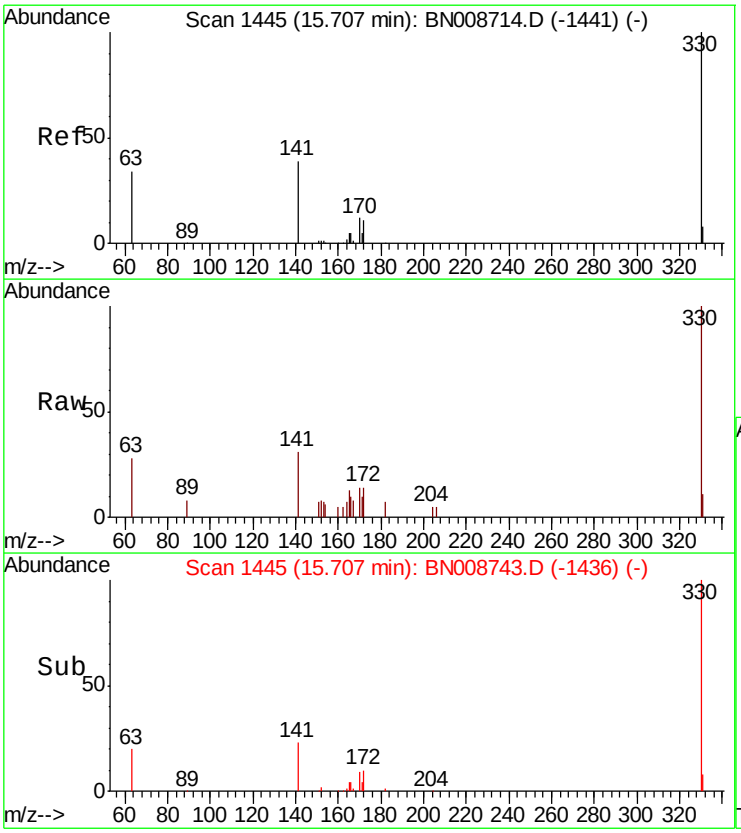
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:164 Resp: 10459

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.4
160	46.8	38.7	58.1

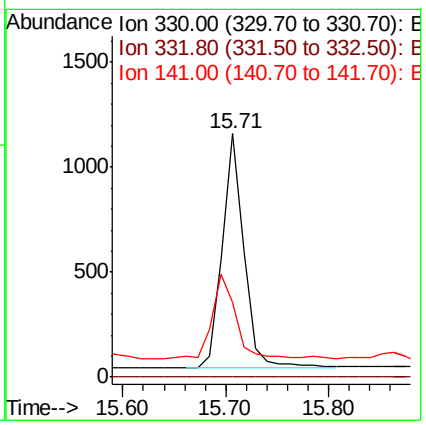


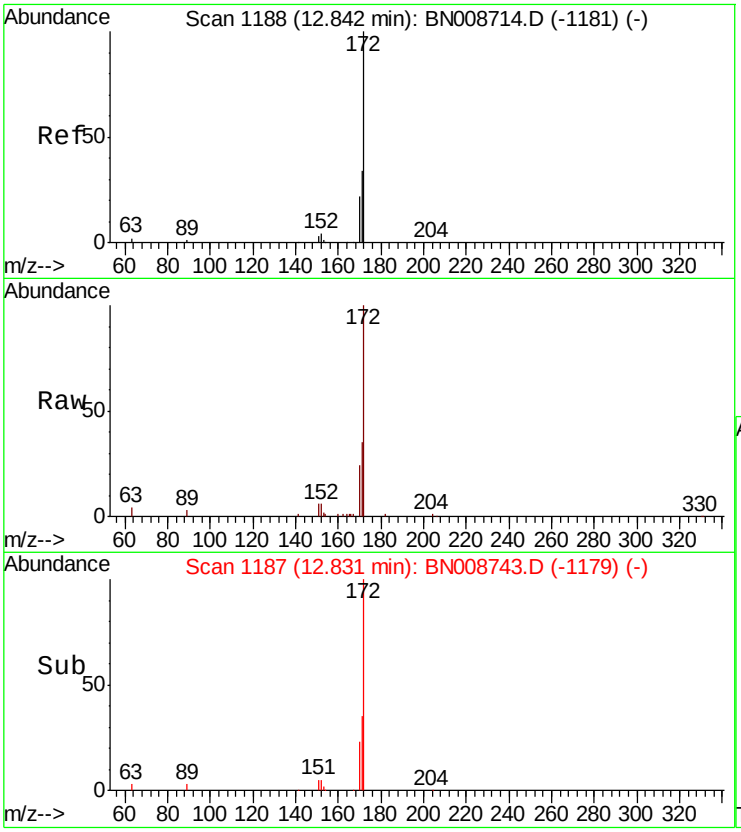


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:330 Resp: 1616

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	29.5	44.3



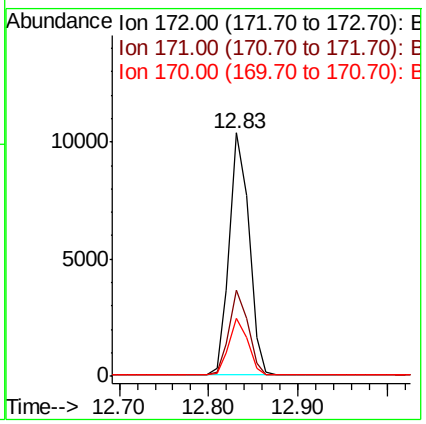


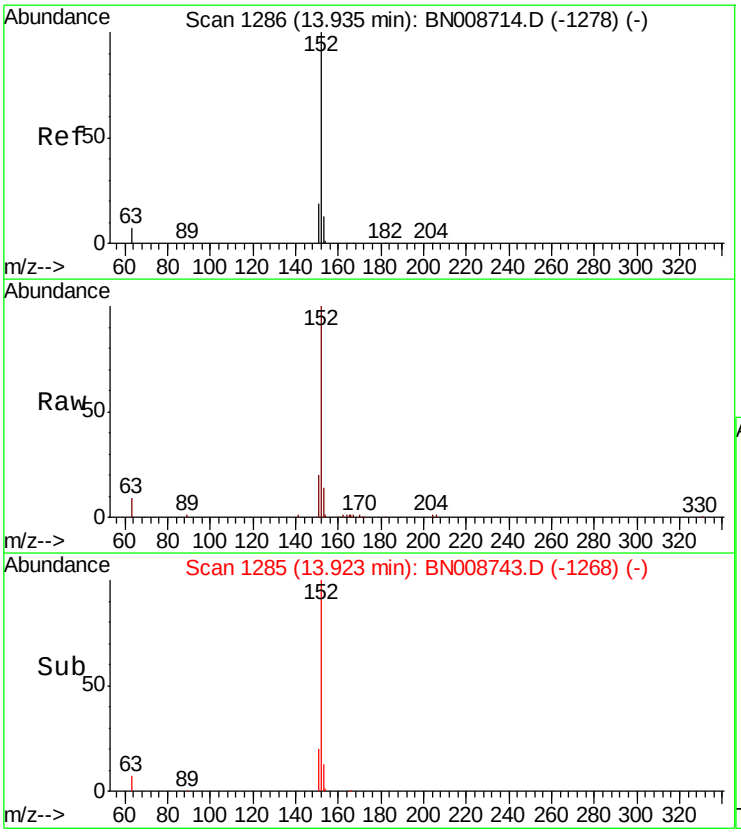
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:172 Resp: 15929

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	23.9	17.8	26.6

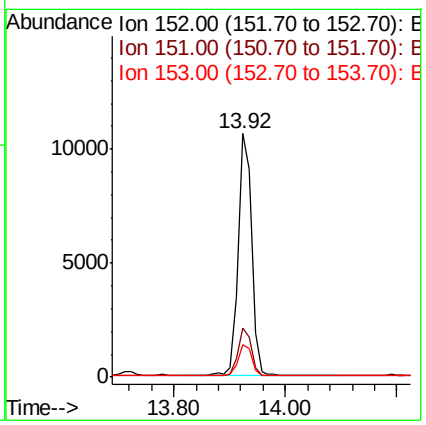


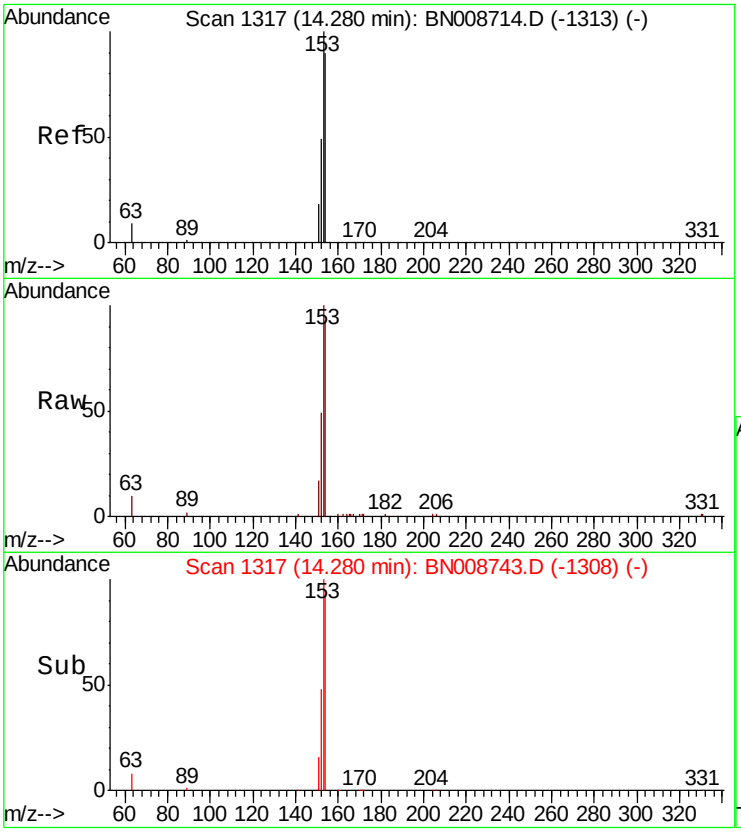


#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.92 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:152 Resp: 17380

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.4	10.3	15.5



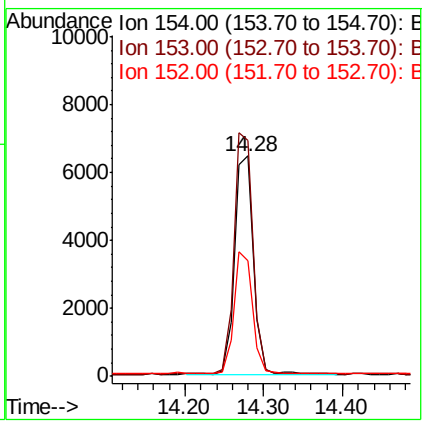


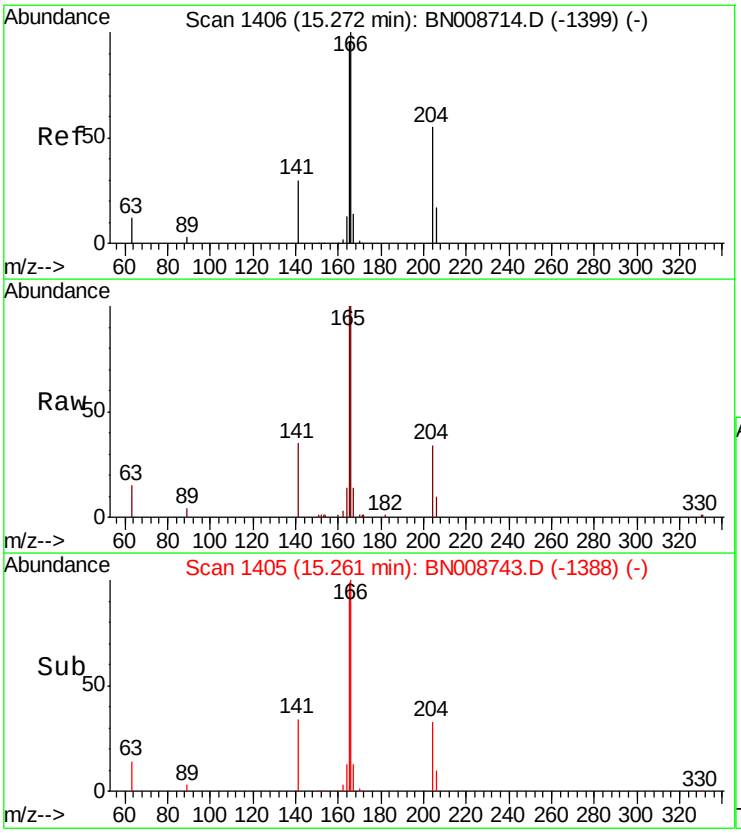
#17
Acenaphthene
Concen: 0.341 ng
RT: 14.28 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:154 Resp: 10790

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.6	134.4
152	55.2	44.7	67.1

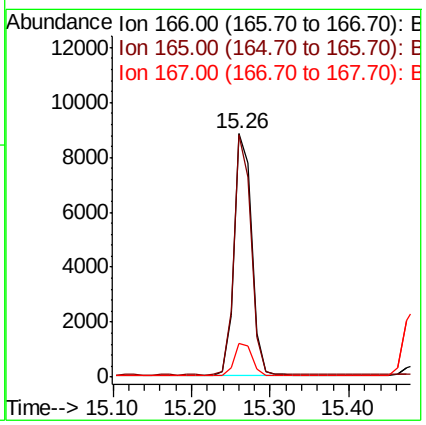


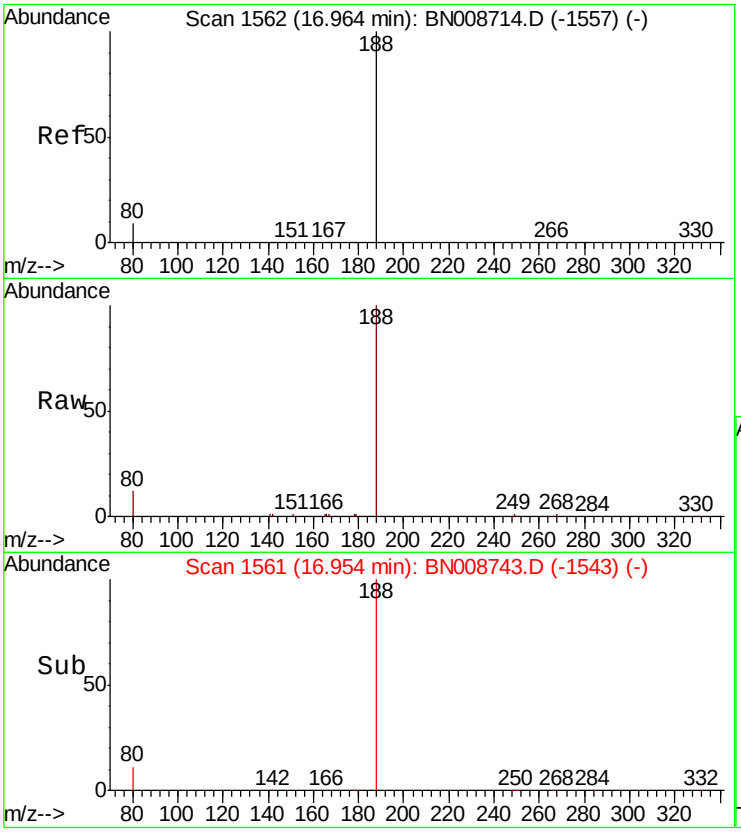


#18
Fluorene
Concen: 0.340 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:166 Resp: 13801

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.7	116.5
167	13.6	10.8	16.2



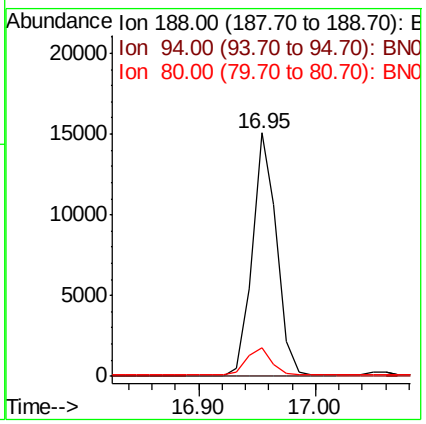


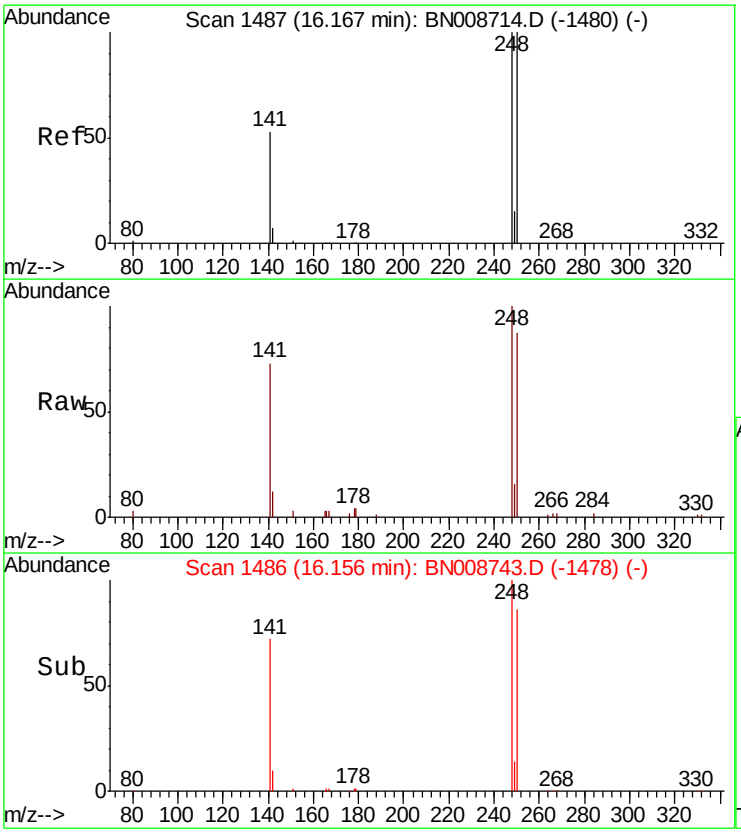
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:188 Resp: 21585

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	7.4	11.0#

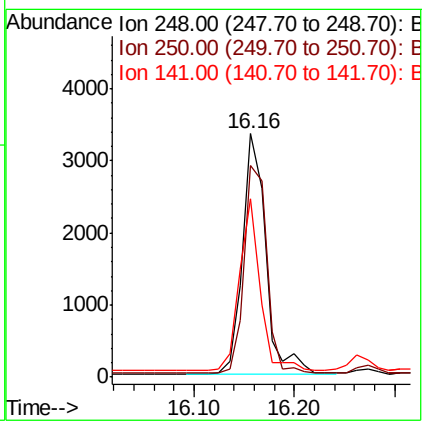


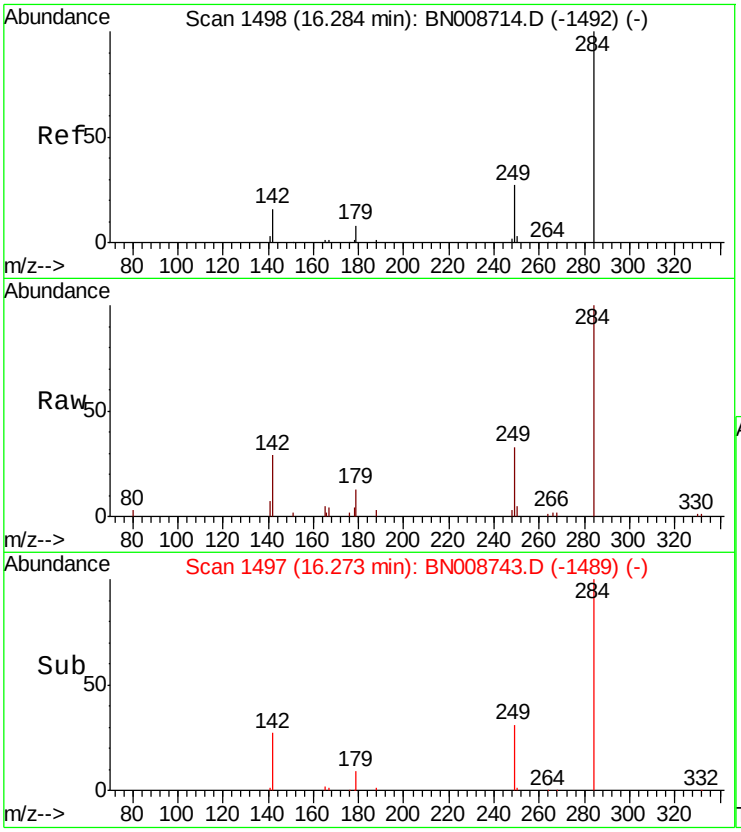


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:248 Resp: 5312

Ion	Ratio	Lower	Upper
248	100		
250	86.9	80.5	120.7
141	73.4	43.8	65.6#



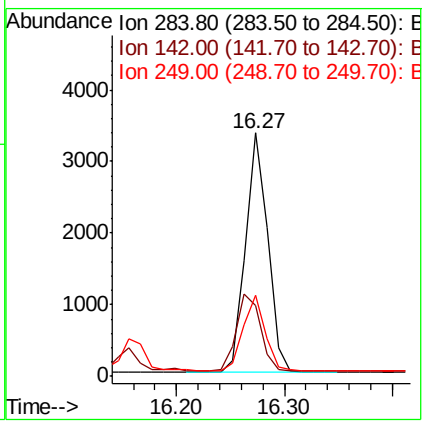


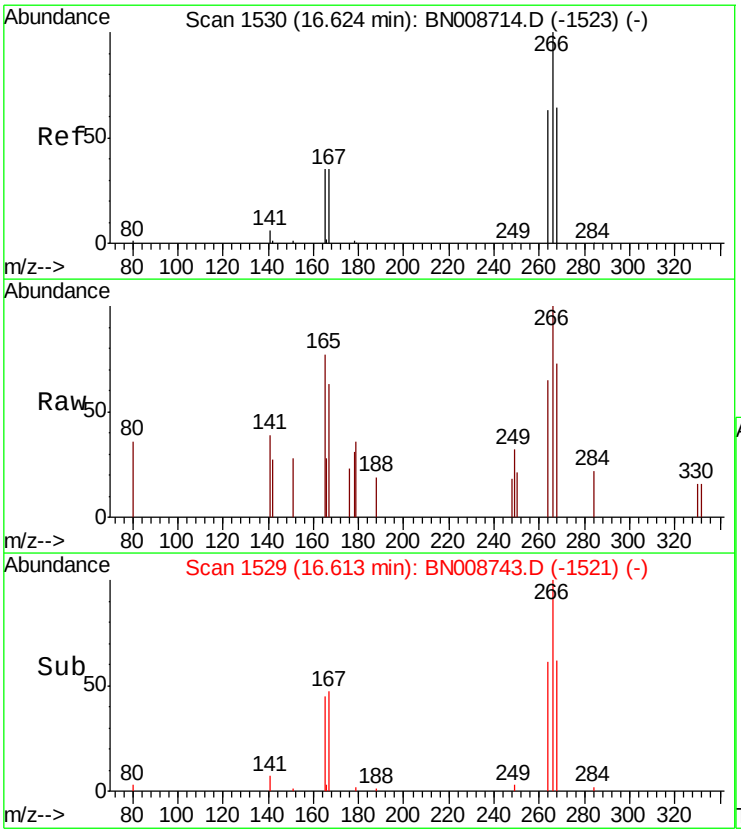
#21
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:284 Resp: 4776

Ion	Ratio	Lower	Upper
284	100		
142	35.7	27.4	41.0
249	31.5	25.4	38.0

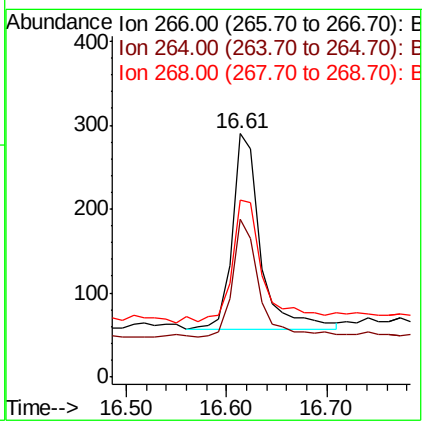


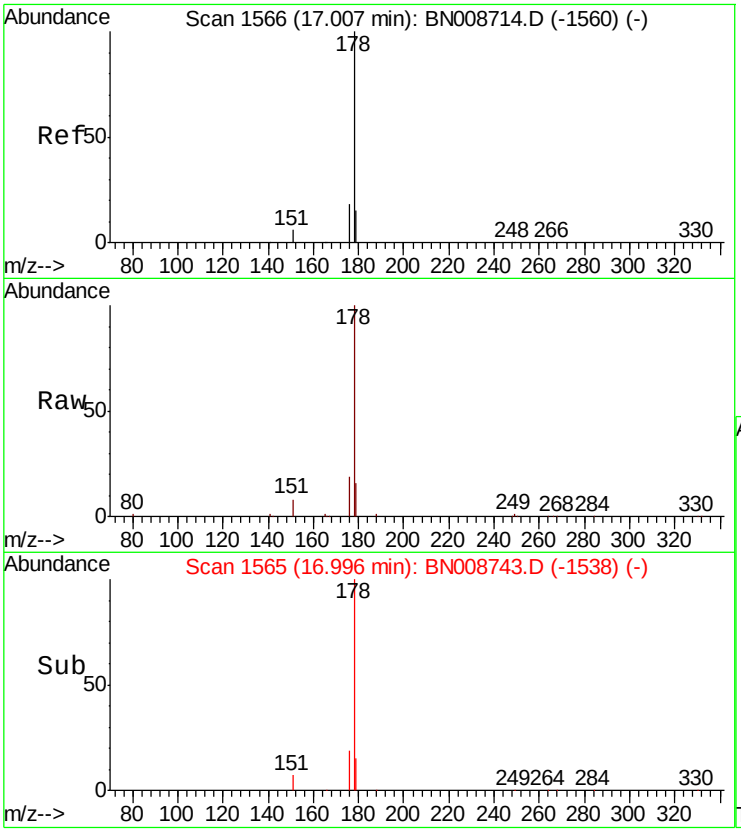


#22
Pentachlorophenol
Concen: 0.088 ng
RT: 16.61 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:266 Resp: 466

Ion	Ratio	Lower	Upper
266	100		
264	64.8	51.0	76.4
268	72.8	54.1	81.1



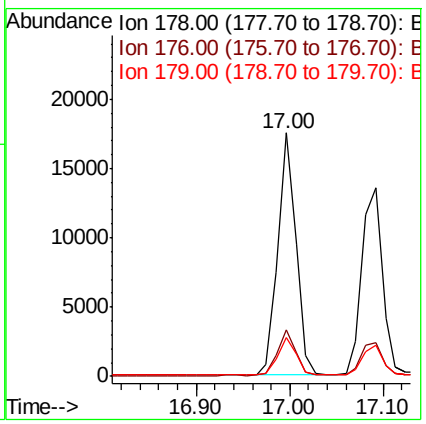


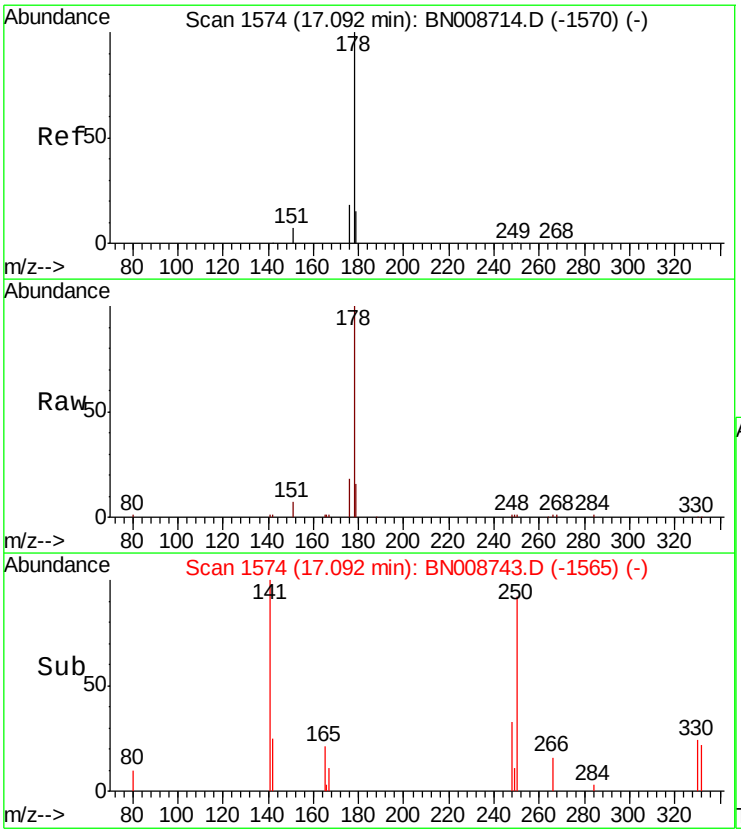
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:178 Resp: 23571

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.6	12.3	18.5

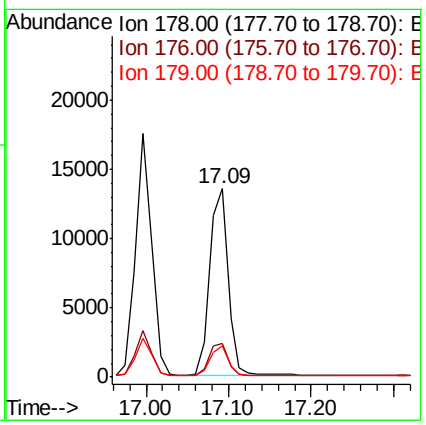


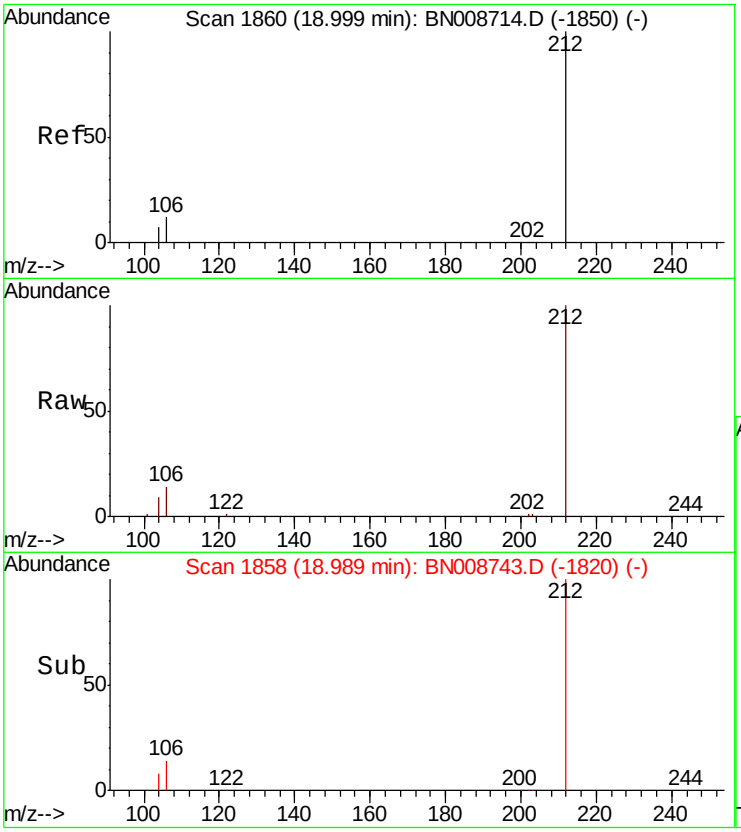


#24
Anthracene
Concen: 0.352 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:178 Resp: 20951

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



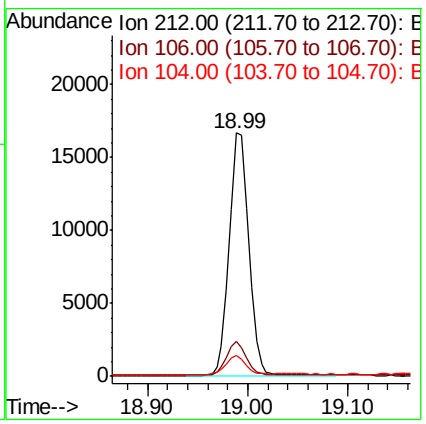


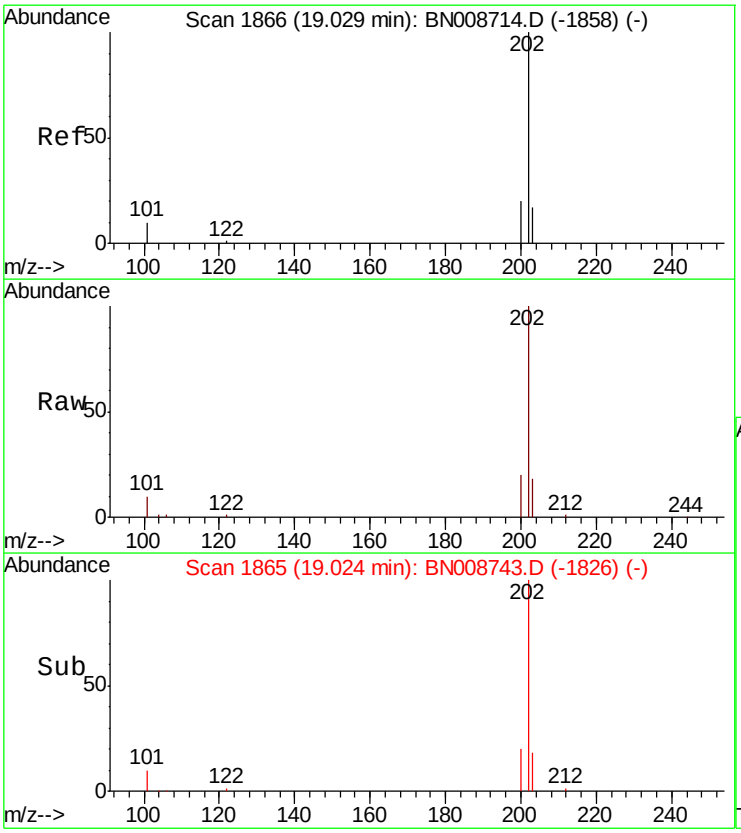
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 18.99 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:212 Resp: 22192

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	15.8
104	7.6	6.0	9.0

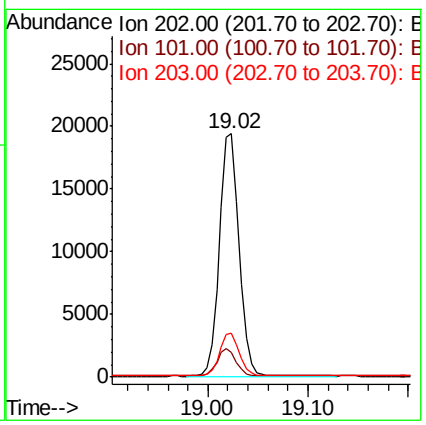


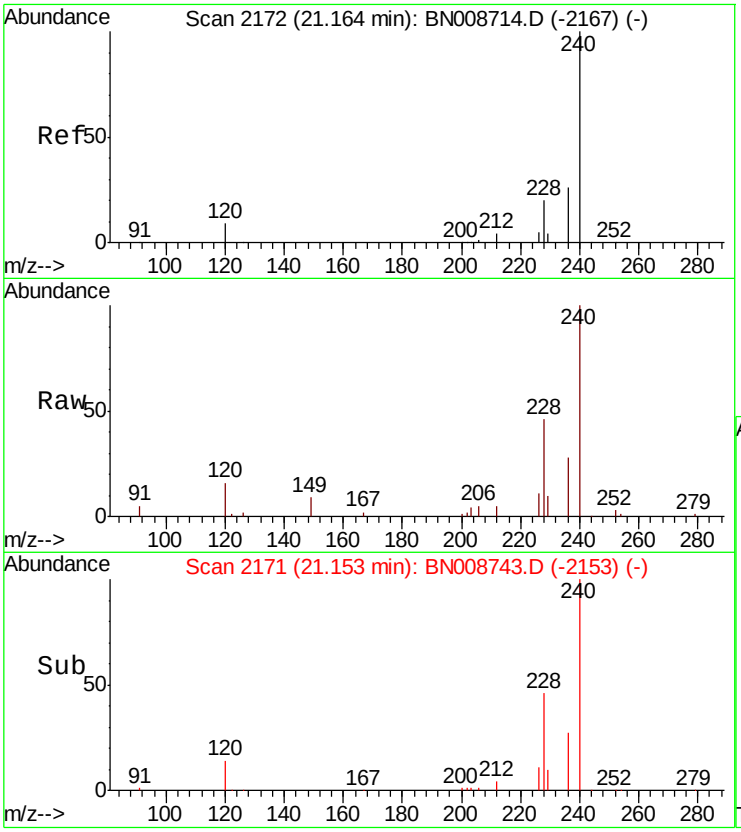


#26
Fluoranthene
Concen: 0.335 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:202 Resp: 26221

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.4	13.8	20.6



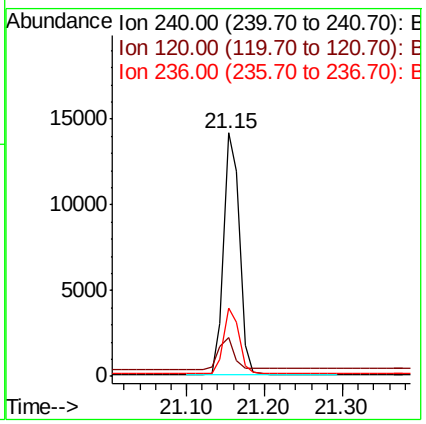


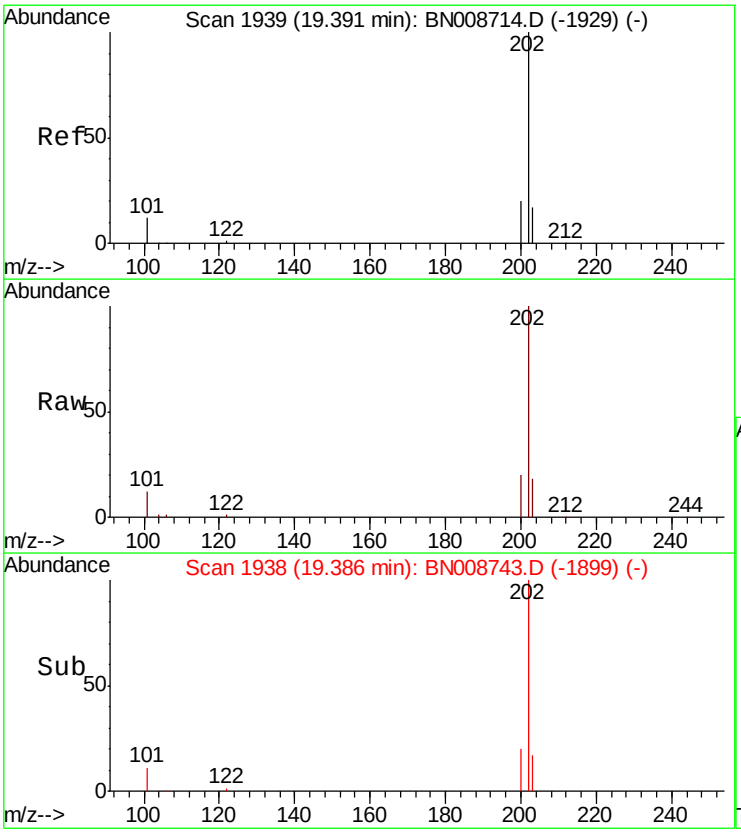
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument : BNA_N
ClientSampleId : PB124746BSD

Tgt Ion:240 Resp: 19970

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.0	13.4#
236	27.9	21.8	32.6

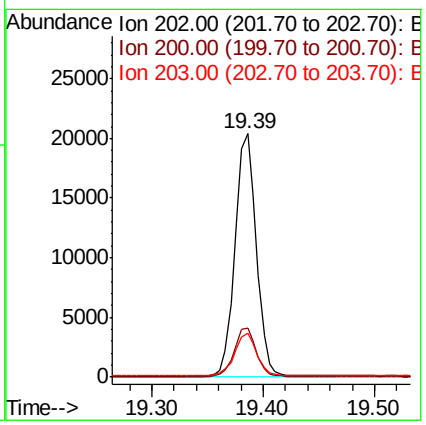


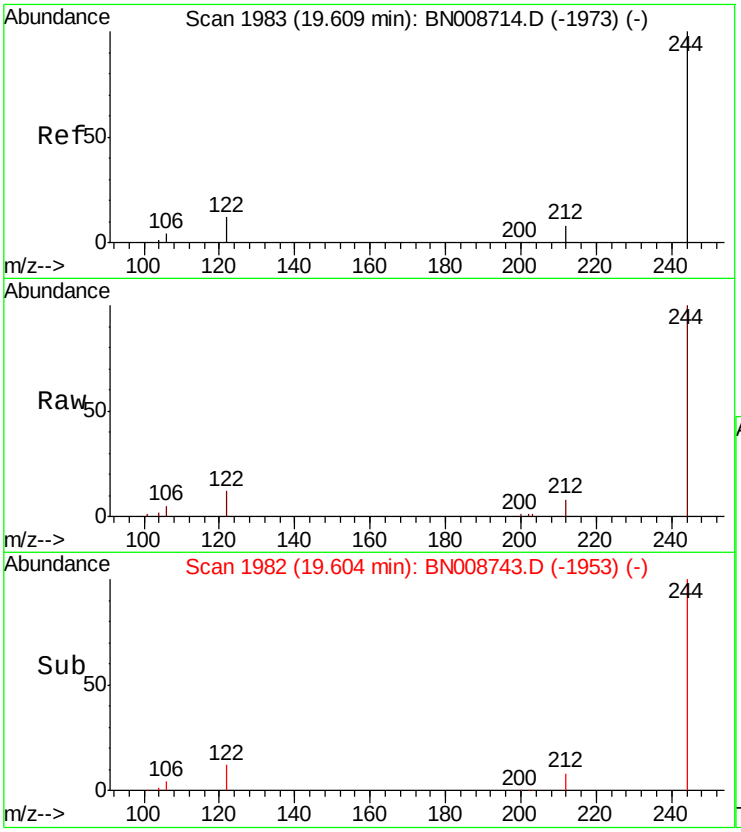


#28
Pyrene
Concen: 0.364 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:202 Resp: 26842

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	18.3	14.0	21.0



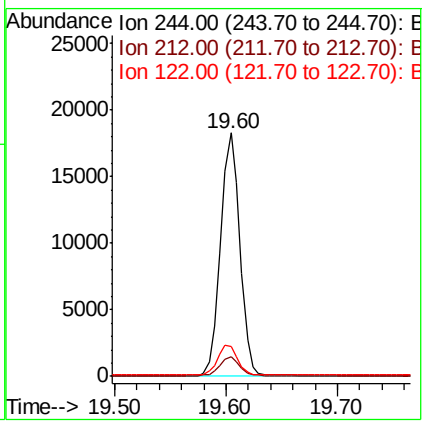


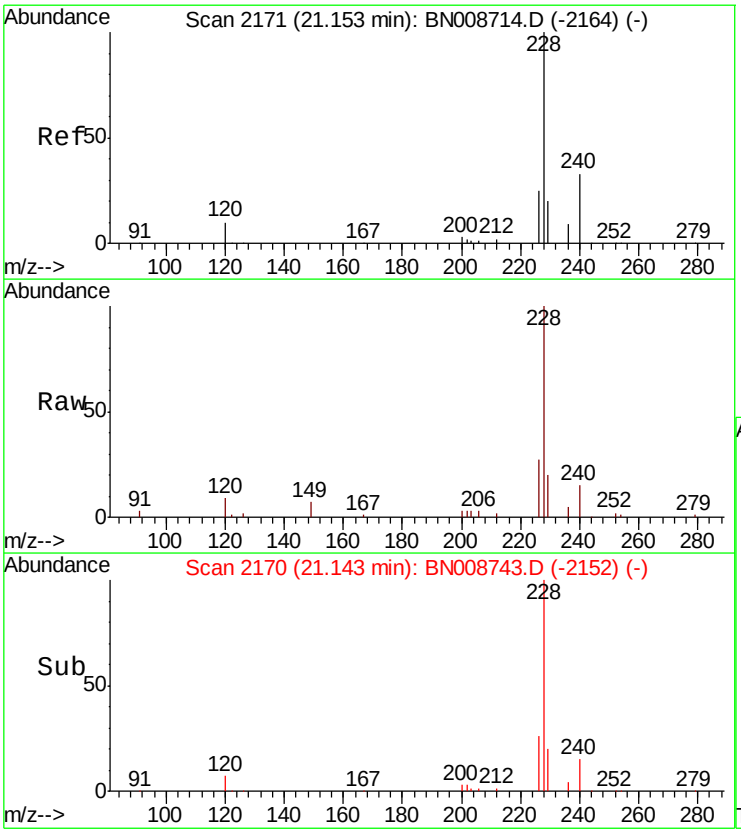
#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:244 Resp: 22016

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	12.5	10.1	15.1

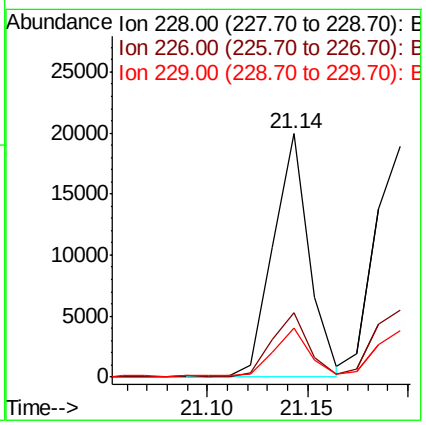


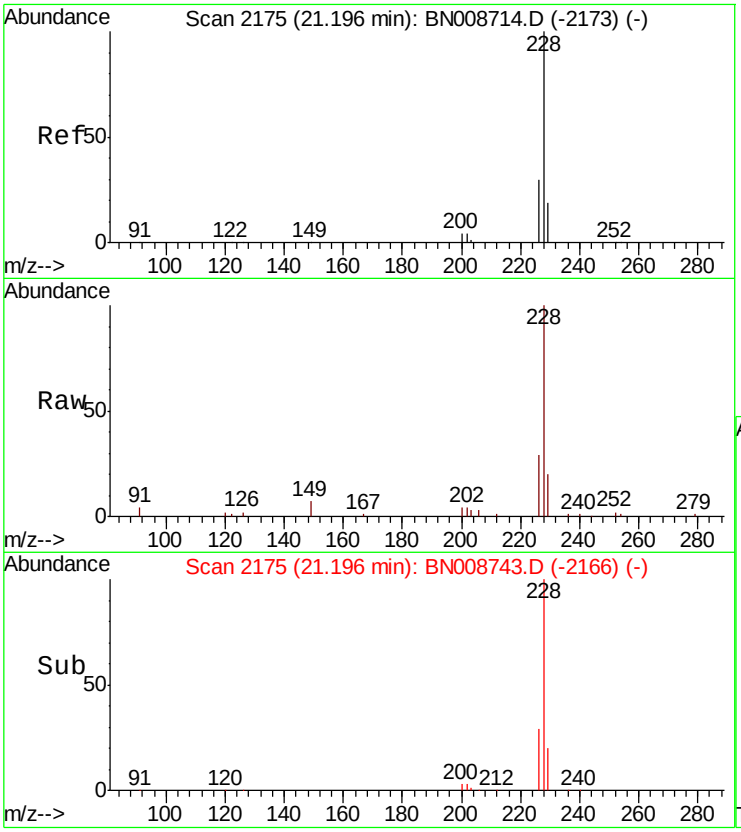


#30
Benzo(a)anthracene
Concen: 0.337 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:228 Resp: 24659

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.3	30.5
229	20.1	16.2	24.4



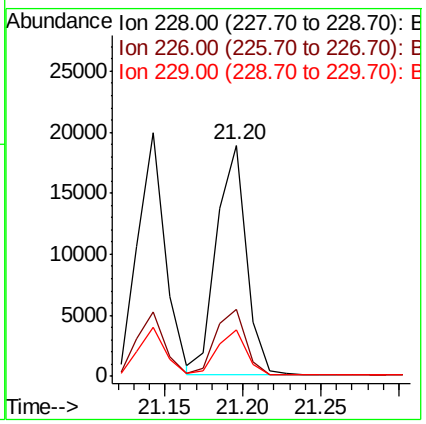


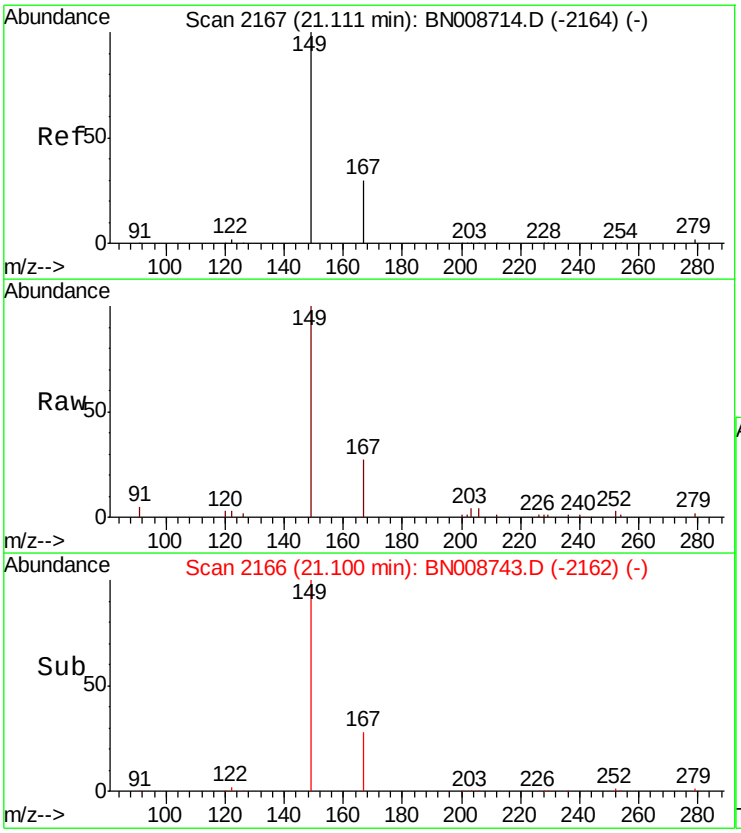
#31
Chrysene
Concen: 0.352 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:228 Resp: 24891

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	20.2	15.4	23.0

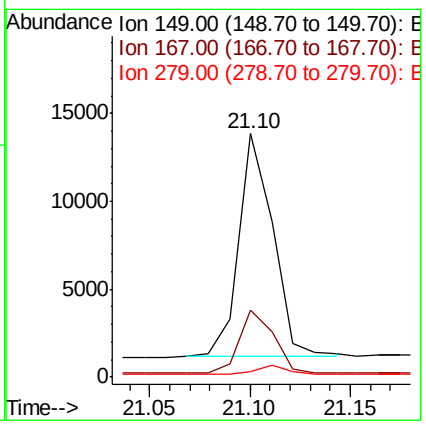


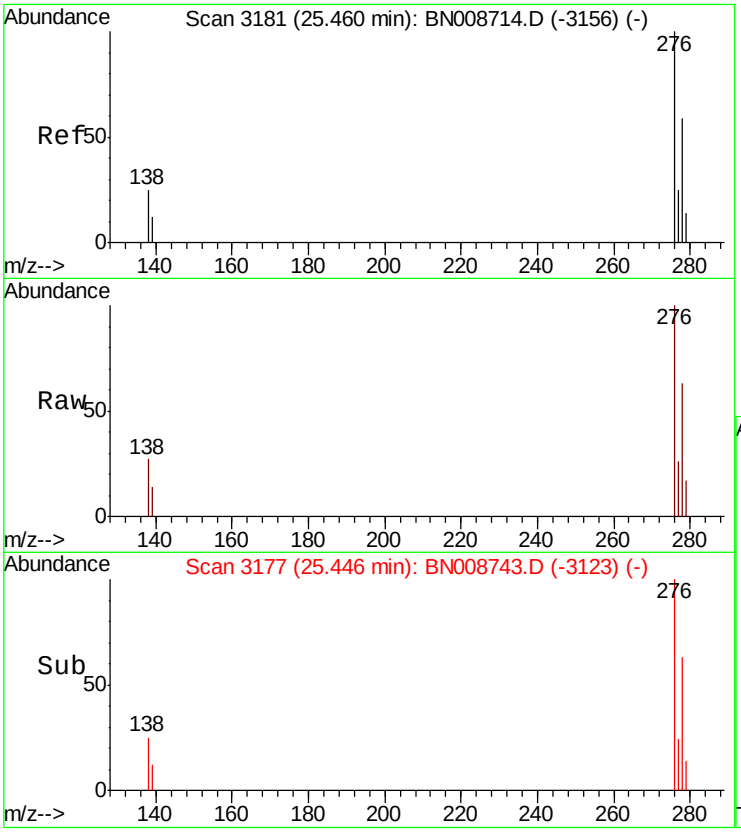


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.315 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:149 Resp: 14970

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.5	35.3
279	3.9	3.4	5.0



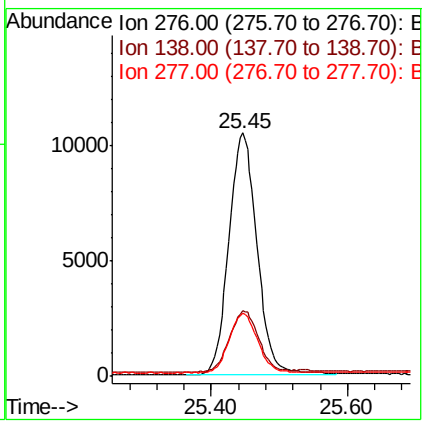


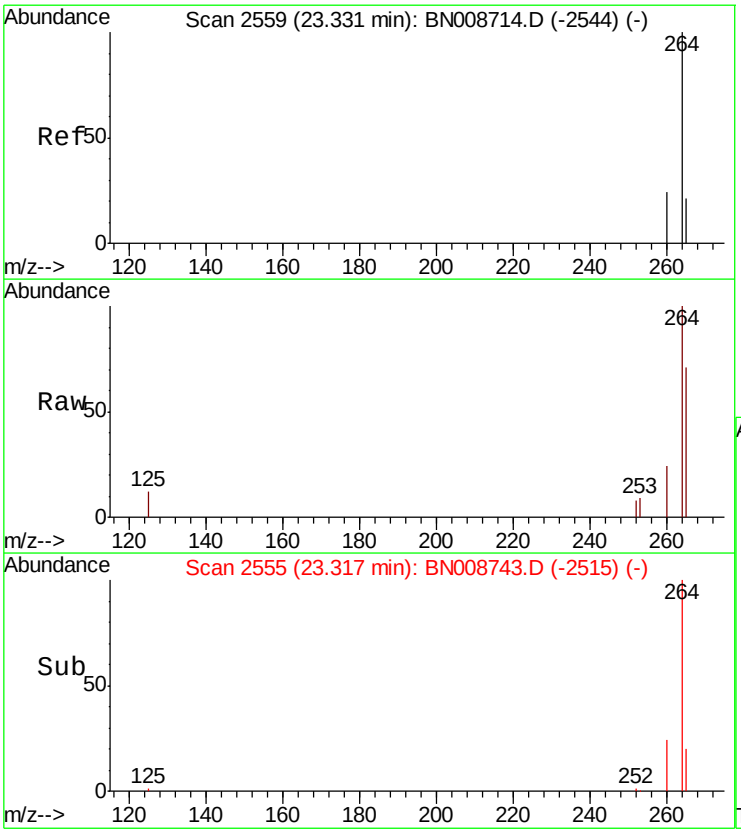
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 25.45 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:276 Resp: 30146

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.6
277	24.8	19.9	29.9

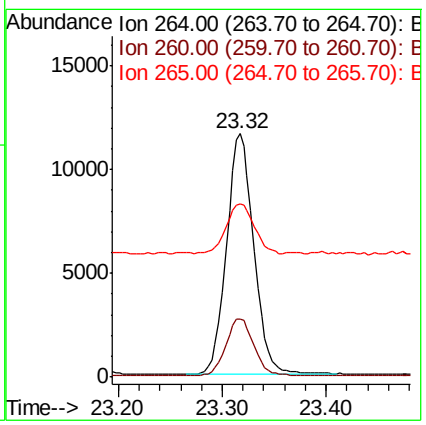


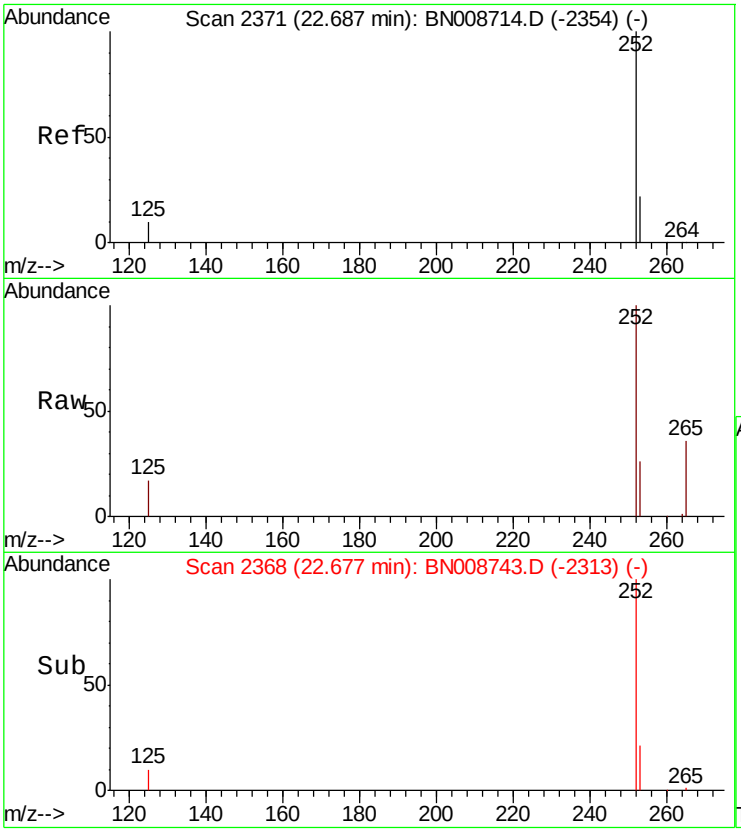


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:264 Resp: 21112

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	71.3	61.8	92.6



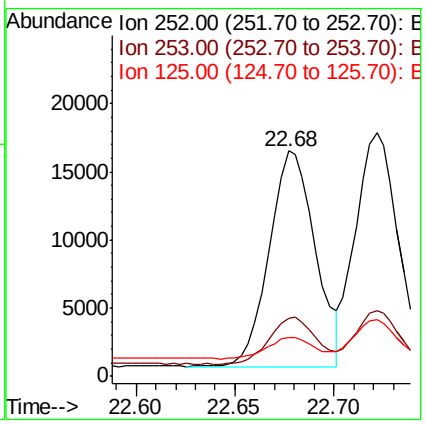


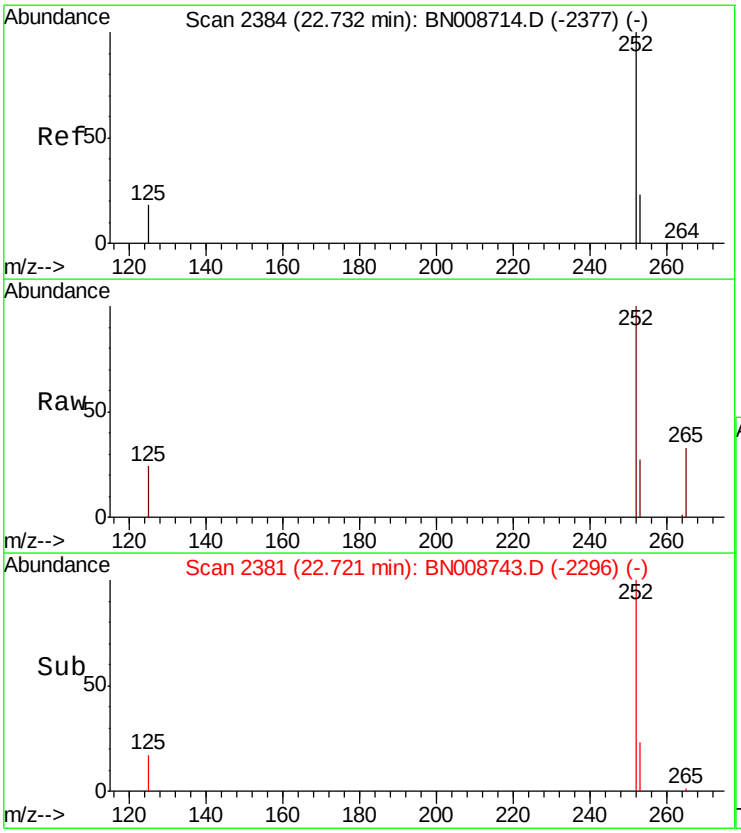
#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:252 Resp: 25483

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	17.3	13.5	20.3

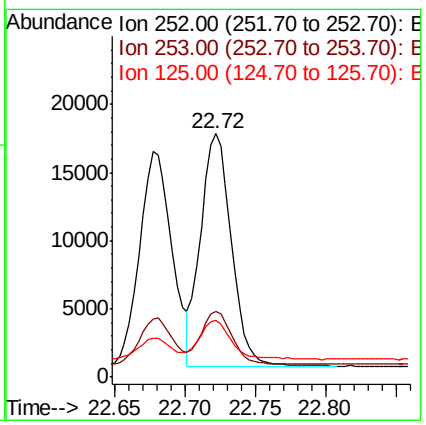


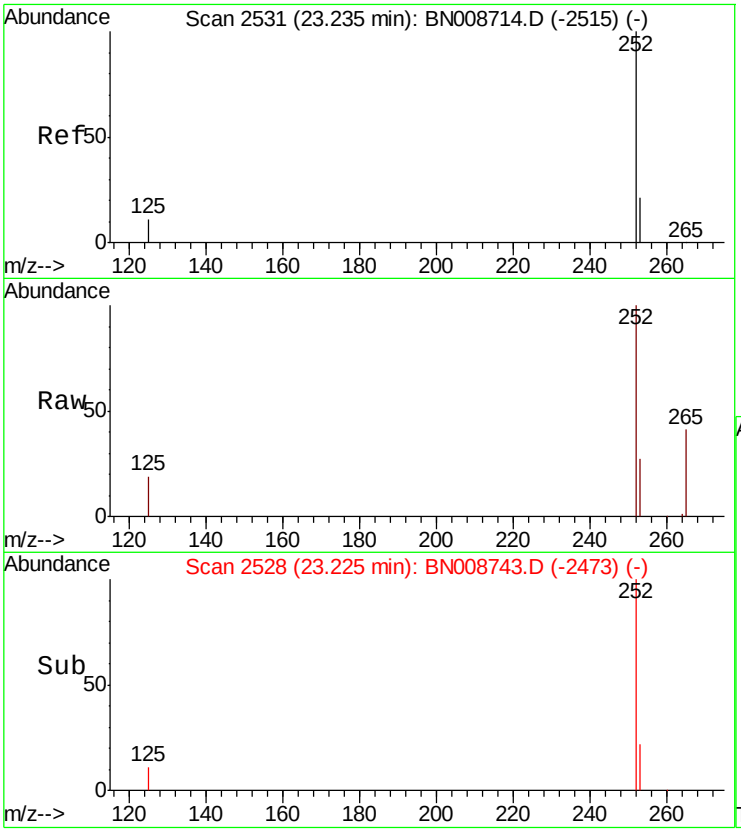


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:252 Resp: 26077

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.8	32.6
125	23.5	18.2	27.4



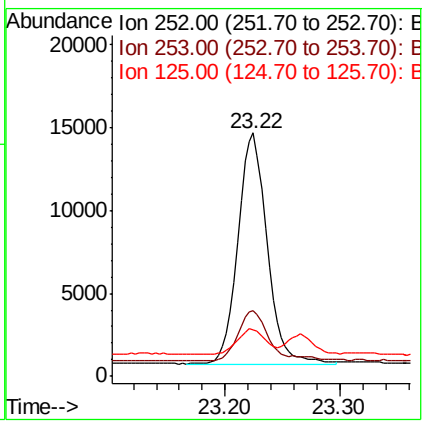


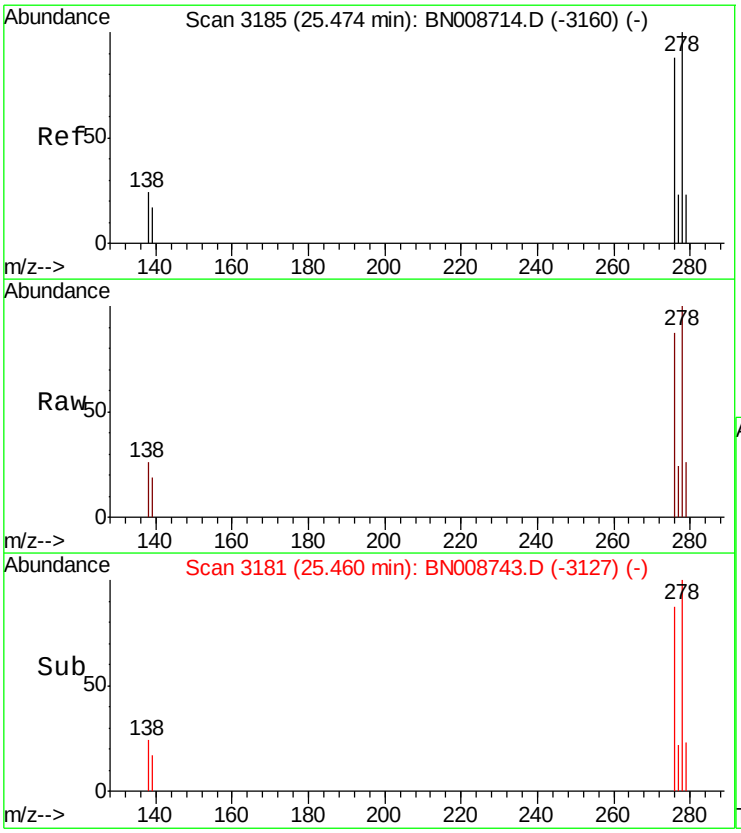
#37
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.22 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:252 Resp: 24396

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.9	32.9
125	19.3	16.3	24.5

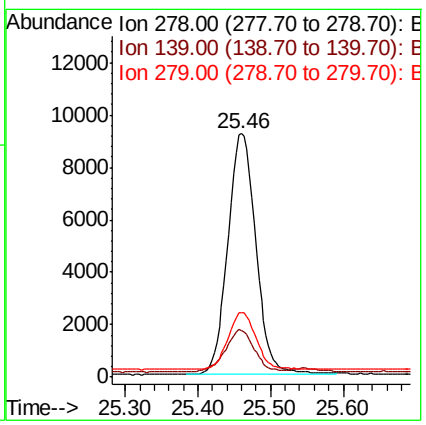


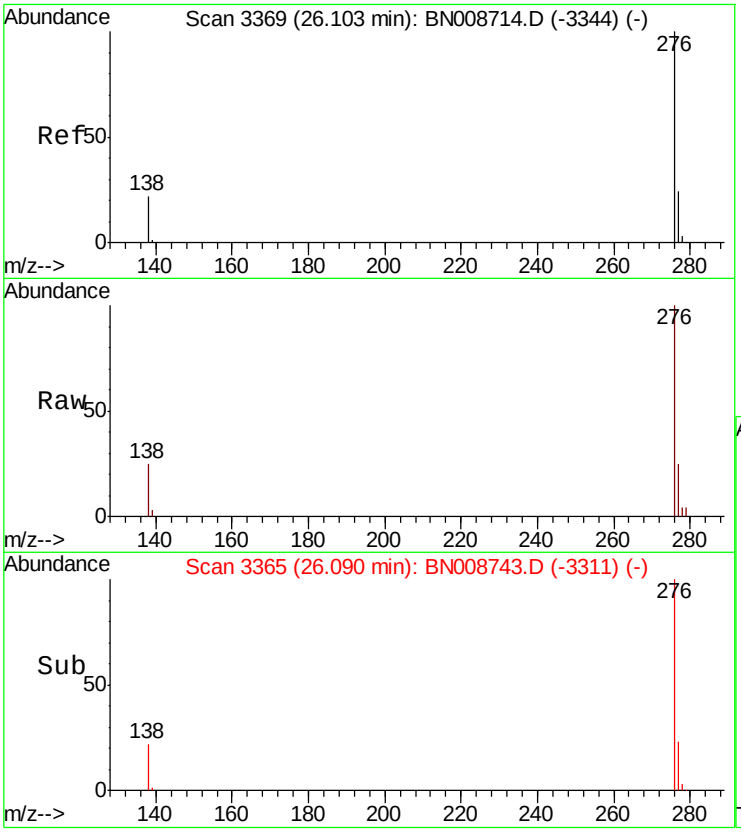


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.46 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:278 Resp: 24792

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.2
279	26.3	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 26.09 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tgt Ion:276 Resp: 25831

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.4	30.6
138	24.5	19.2	28.8