Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008904.D
Acq On : 10 Dec 2019 13:50
Operator : JU
Sample : K5111-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 10 15:03:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2674	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	10724	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7941	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	19011	0.40	ng		0.00
27) Chrysene-d12	21.13	240	18076	0.40	ng		0.00
34) Perylene-d12	23.28	264	17858	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2636	0.39	ng		0.00
5) Phenol-d6	6.75	99	3533	0.38	ng		0.00
8) Nitrobenzene-d5	8.69	82	3252	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	6878	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1261	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	10956	0.36	ng		0.00
25) Fluoranthene-d10	18.97	212	20057	0.35	ng		0.00
29) Terphenyl-d14	19.58	244	16704	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	215	0.086	ng		92
3) n-Nitrosodimethylamine	3.55	42	165	0.048	ng	#	98
6) bis(2-Chloroethyl)ether	7.00	93	778	0.088	ng		95
9) Naphthalene	10.37	128	2641	0.090	ng		94
10) Hexachlorobutadiene	10.67	225	474	0.085	ng	#	100
12) 2-Methylnaphthalene	11.99	142	1969	0.090	ng		95
16) Acenaphthylene	13.90	152	2895	0.080	ng		99
17) Acenaphthene	14.25	154	2027	0.084	ng		97
18) Fluorene	15.24	166	2831	0.087	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	924	0.081	ng		94
21) Hexachlorobenzene	16.25	284	1035	0.080	ng		98
22) Pentachlorophenol	16.60	266	379	0.081	ng		91
23) Phenanthrene	16.97	178	5006	0.084	ng		100
24) Anthracene	17.06	178	4235	0.080	ng		100
26) Fluoranthene	19.00	202	5851	0.082	ng		99
28) Pyrene	19.36	202	5830	0.092	ng		99
30) Benzo(a)anthracene	21.12	228	5388	0.084	ng		98
31) Chrysene	21.17	228	5894	0.089	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2055	0.068	ng		97
33) Indeno(1,2,3-cd)pyrene	25.40	276	5435	0.077	ng		98
35) Benzo(b)fluoranthene	22.65	252	5654	0.088	ng	#	77
36) Benzo(k)fluoranthene	22.69	252	5833	0.091	ng	#	74
37) Benzo(a)pyrene	23.19	252	4688	0.082	ng	#	66
38) Dibenzo(a,h)anthracene	25.41	278	4494	0.083	ng	#	86
39) Benzo(g,h,i)perylene	26.04	276	4848	0.091	ng	#	92

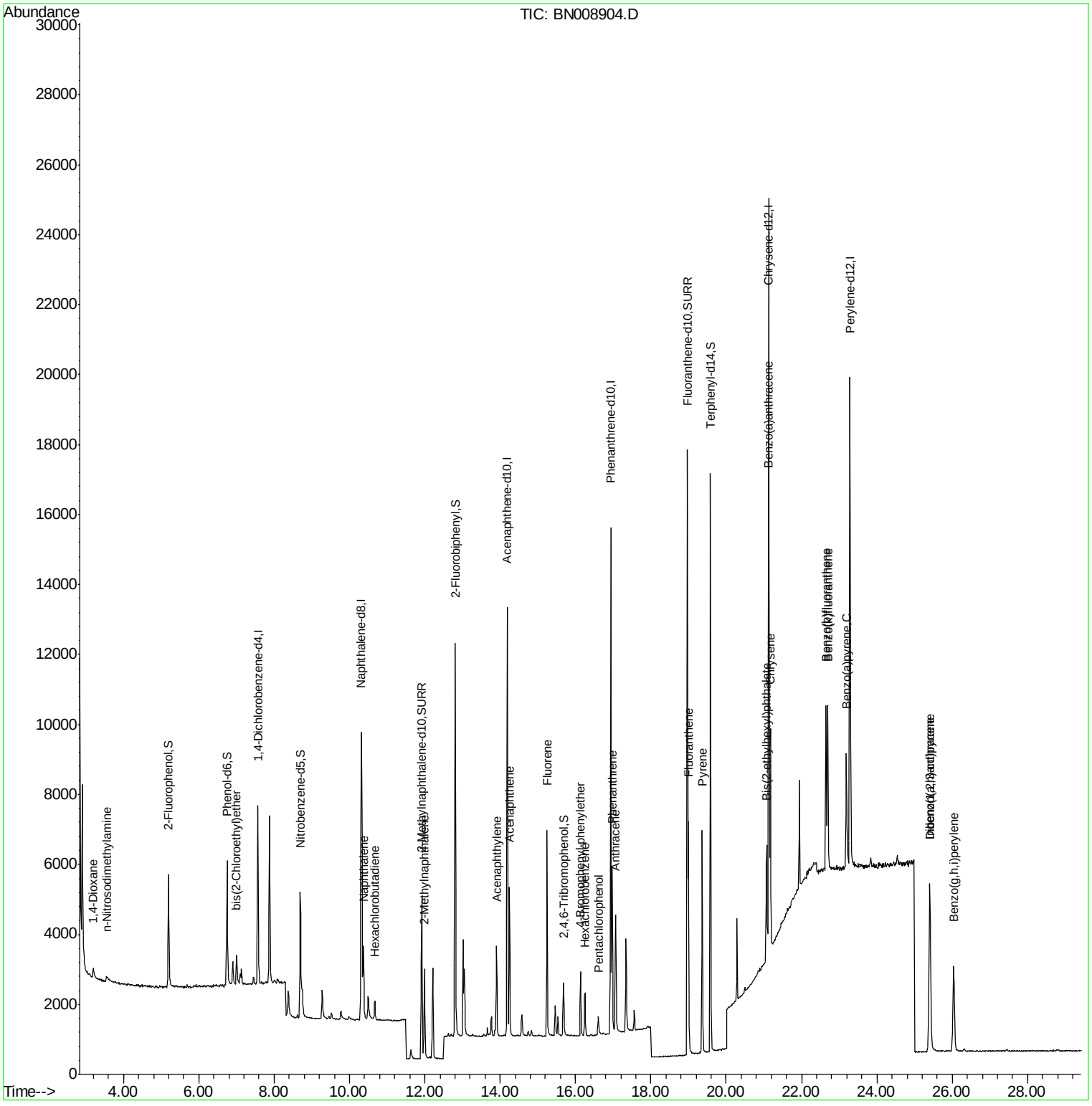
(#) = qualifier out of range (m) = manual integration (+) = signals summed

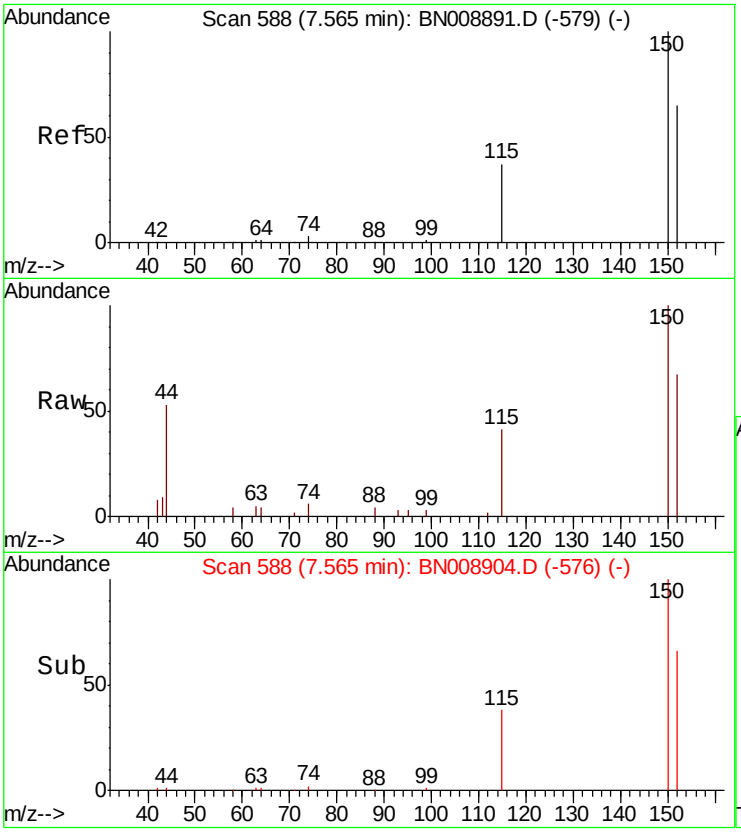
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008904.D
Acq On : 10 Dec 2019 13:50
Operator : JU
Sample : K5111-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 10 15:03:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration



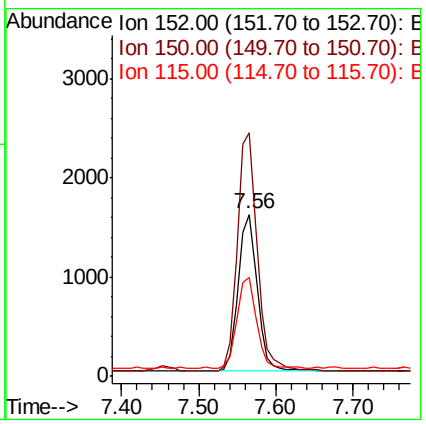


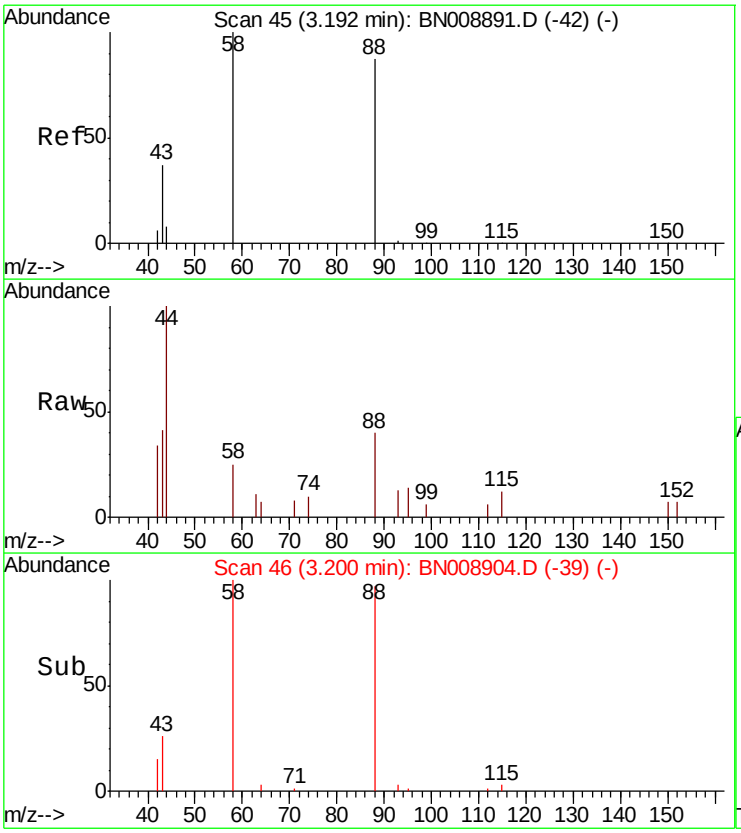
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2674

Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.3	183.5
115	60.8	48.4	72.6

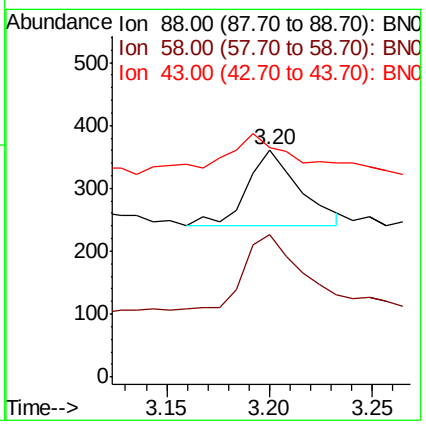


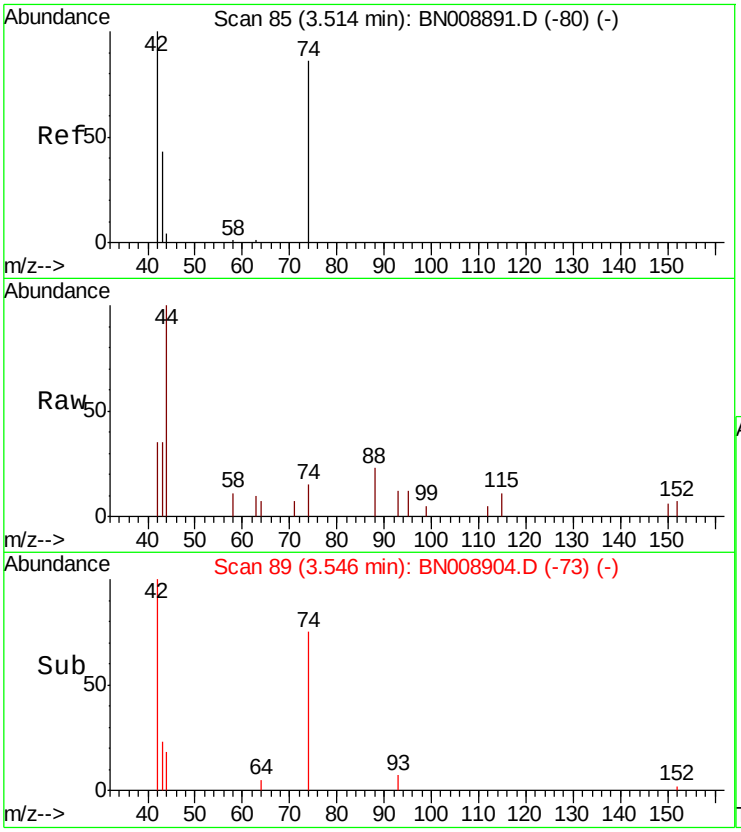


#2
1,4-Dioxane
Concen: 0.086 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion: 88 Resp: 215

Ion	Ratio	Lower	Upper
88	100		
58	100.5	88.6	132.8
43	41.4	31.8	47.8



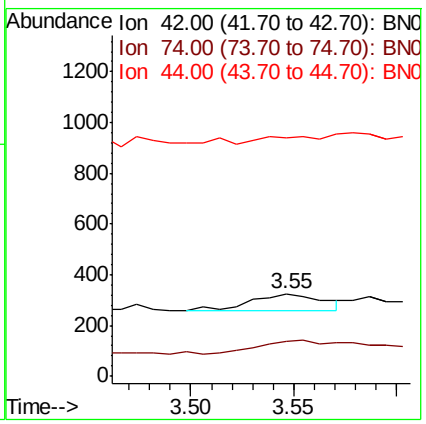


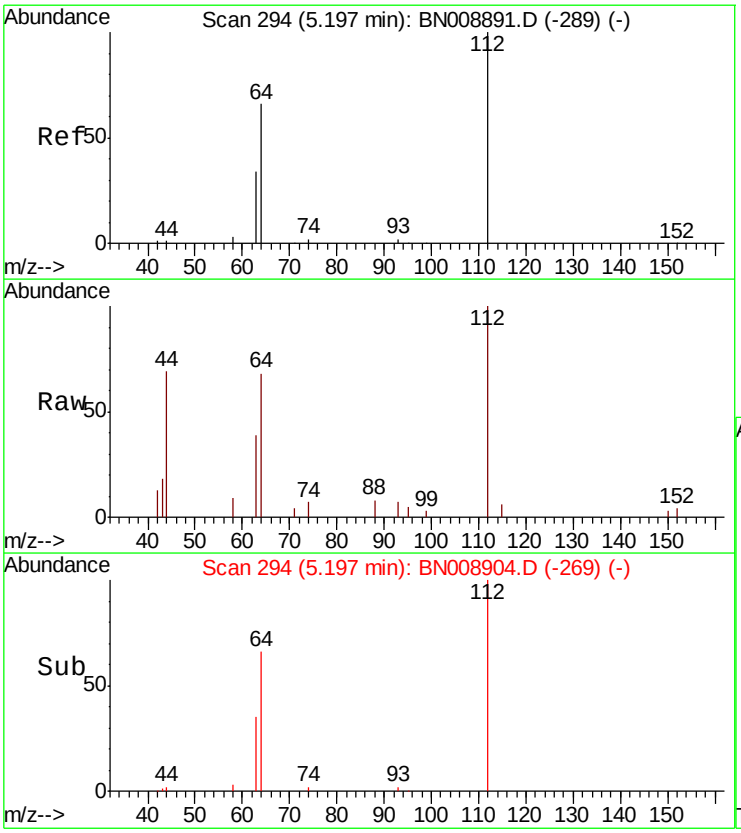
#3
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.03 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 165

Ion	Ratio	Lower	Upper
42	100		
74	95.8	78.6	117.8
44	0.0	0.0	0.0

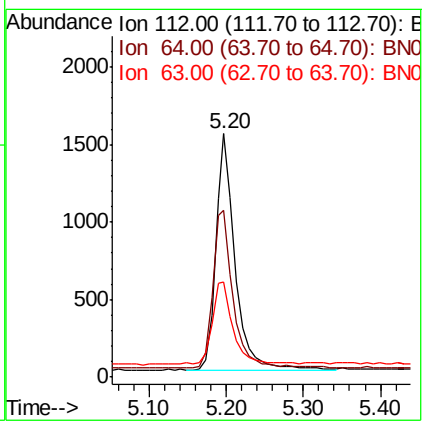


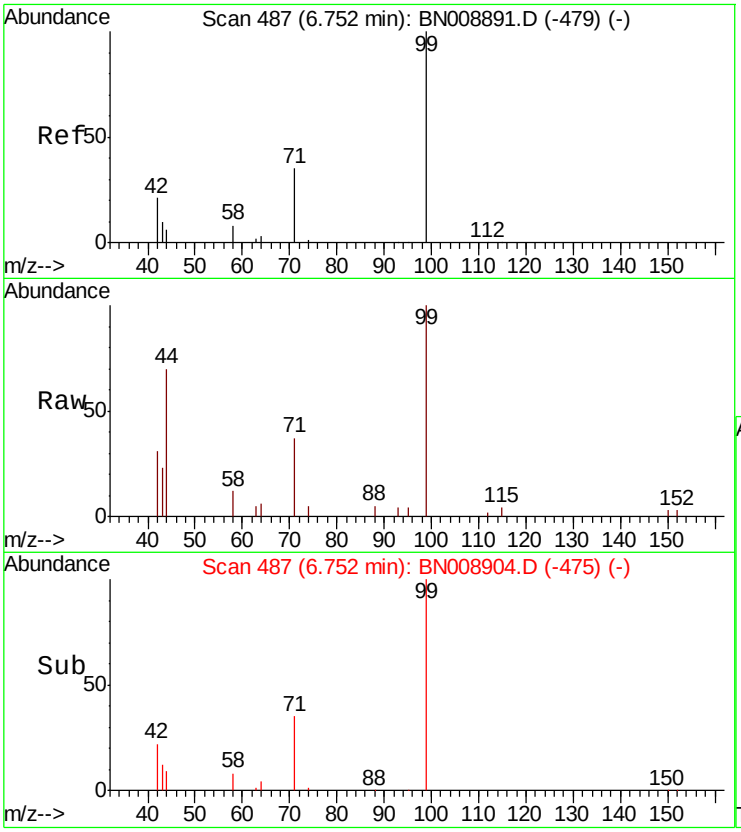


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:112 Resp: 2636

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.7	86.5
63	37.6	29.6	44.4



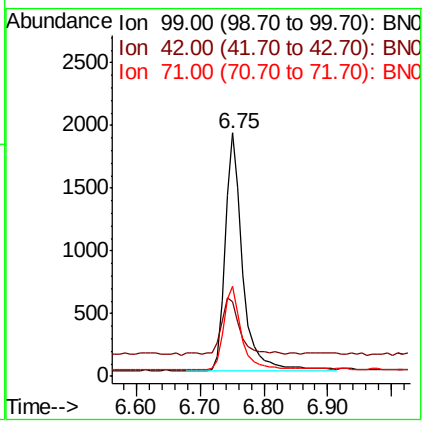


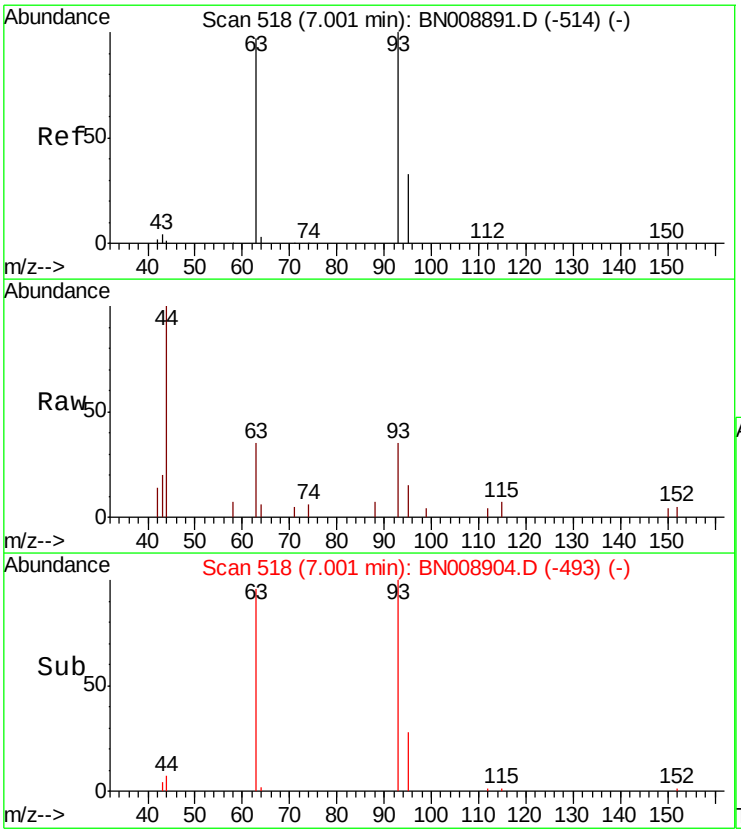
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3533

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.1	30.1
71	36.4	28.2	42.2

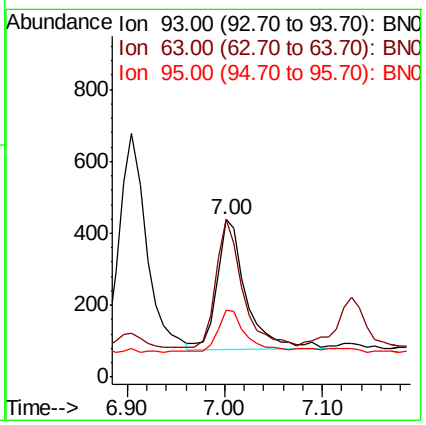


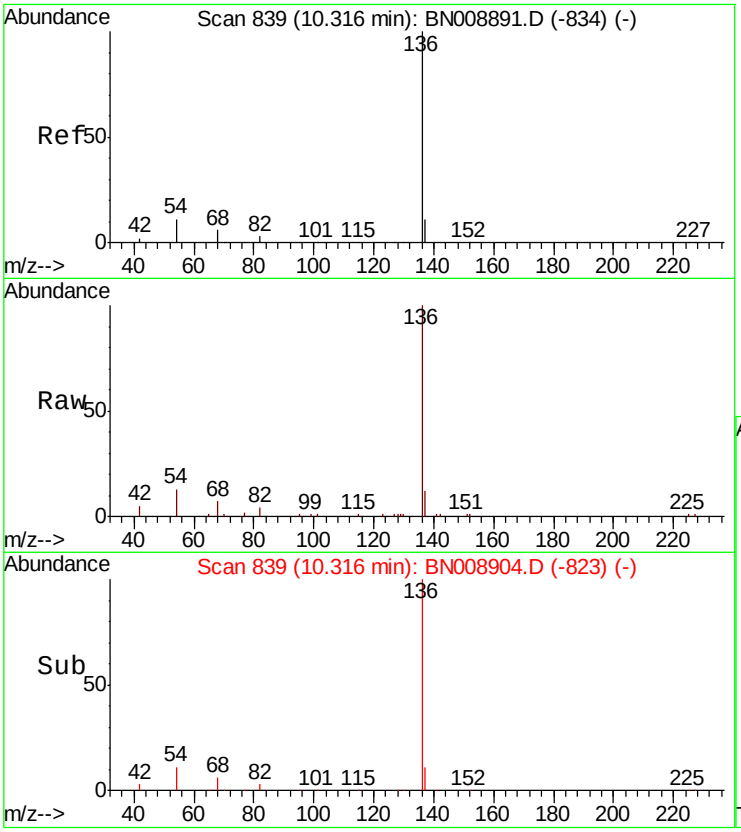


#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion: 93 Resp: 778

Ion	Ratio	Lower	Upper
93	100		
63	86.6	73.5	110.3
95	30.1	26.0	39.0



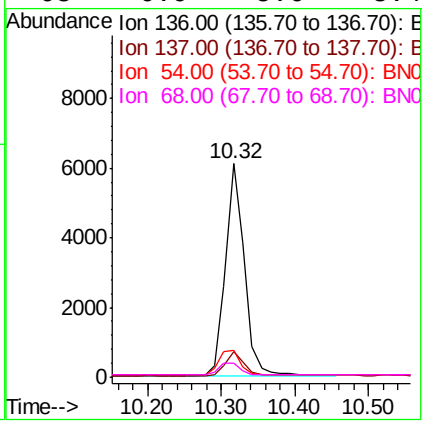


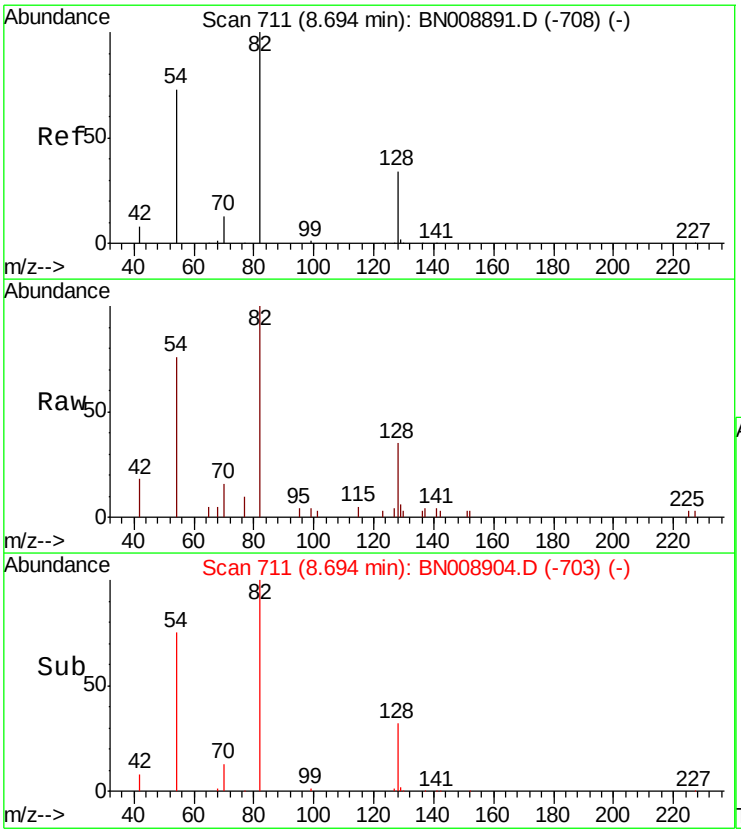
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 10724

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	12.5	9.6	14.4
68	6.9	5.6	8.4

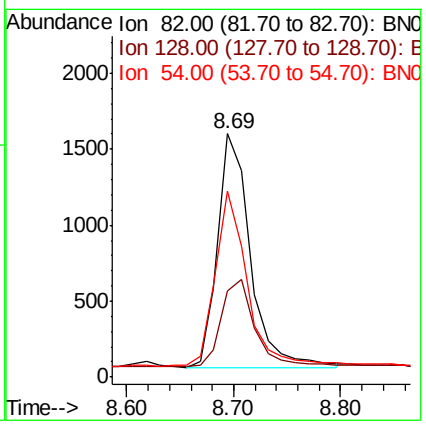


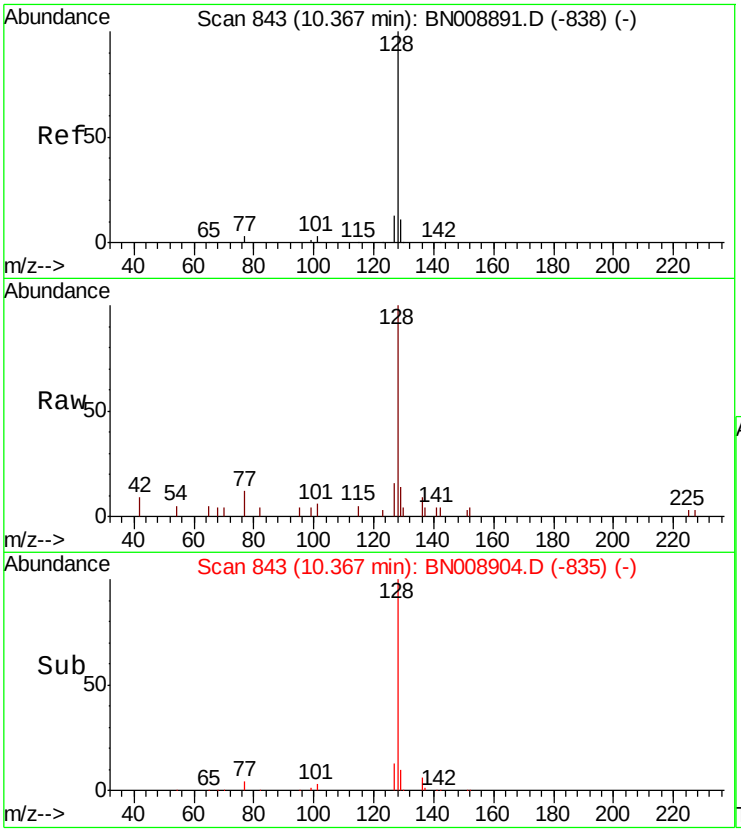


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion: 82 Resp: 3252

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.1	43.7
54	76.2	59.7	89.5



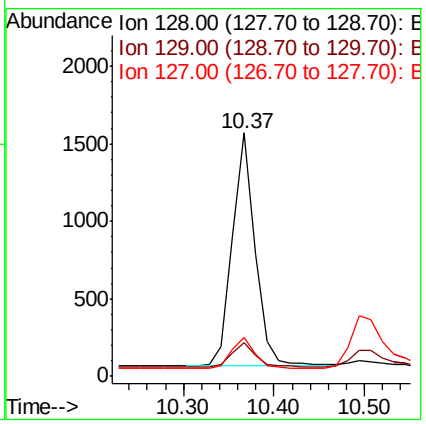


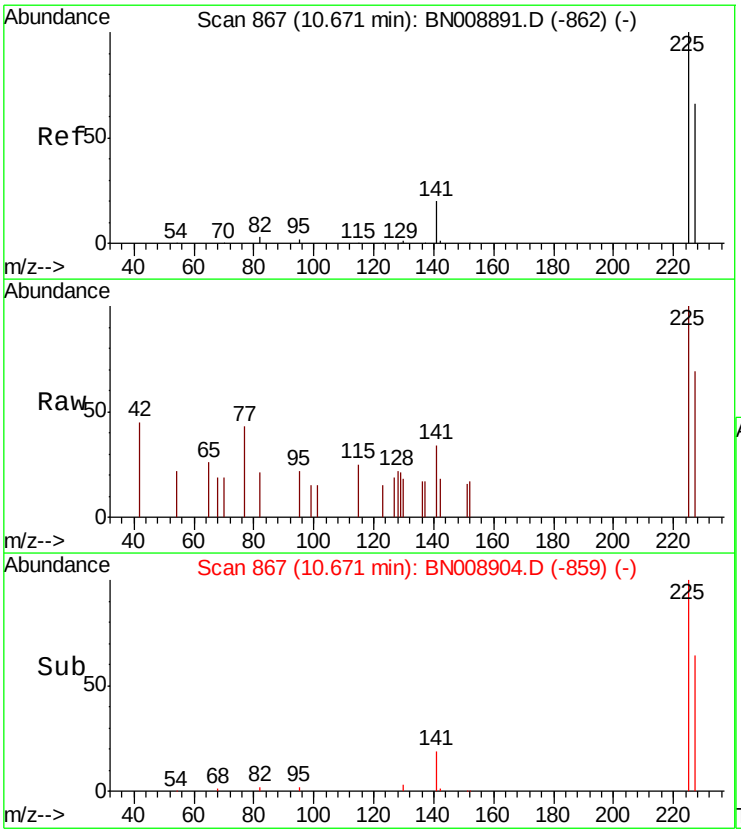
#9
Naphthalene
Concen: 0.090 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2641

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.4	14.0
127	16.0	10.8	16.2

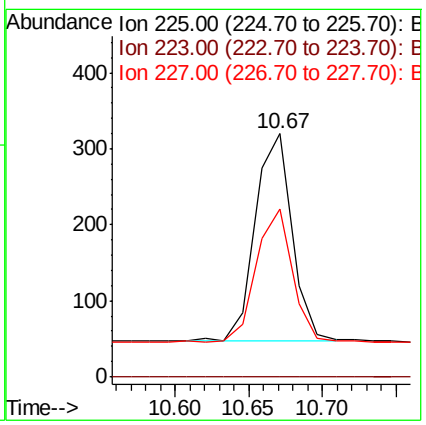


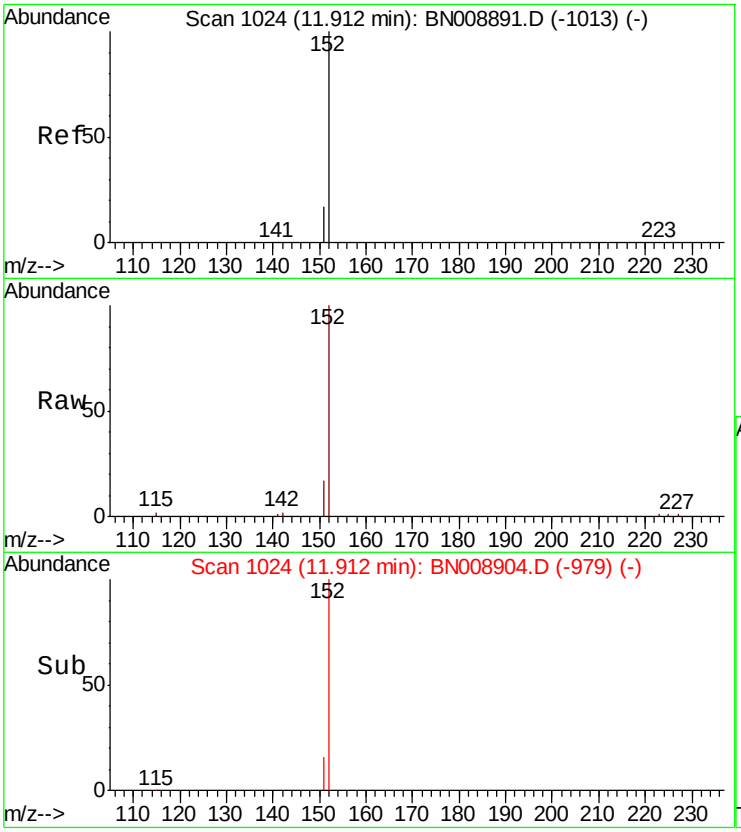


#10
Hexachlorobutadiene
Concen: 0.085 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:225 Resp: 474

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.4	77.2



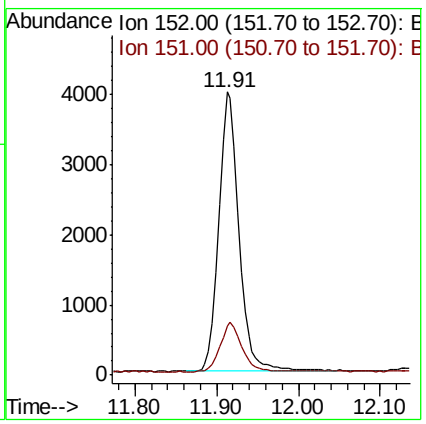


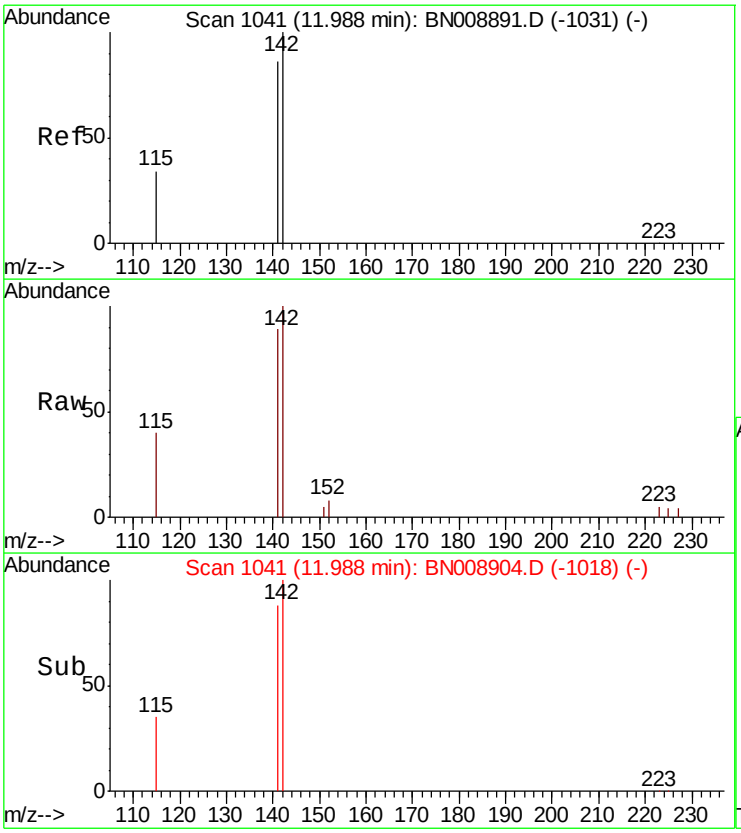
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6878

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

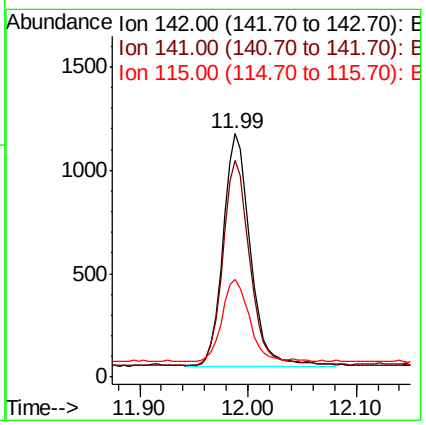


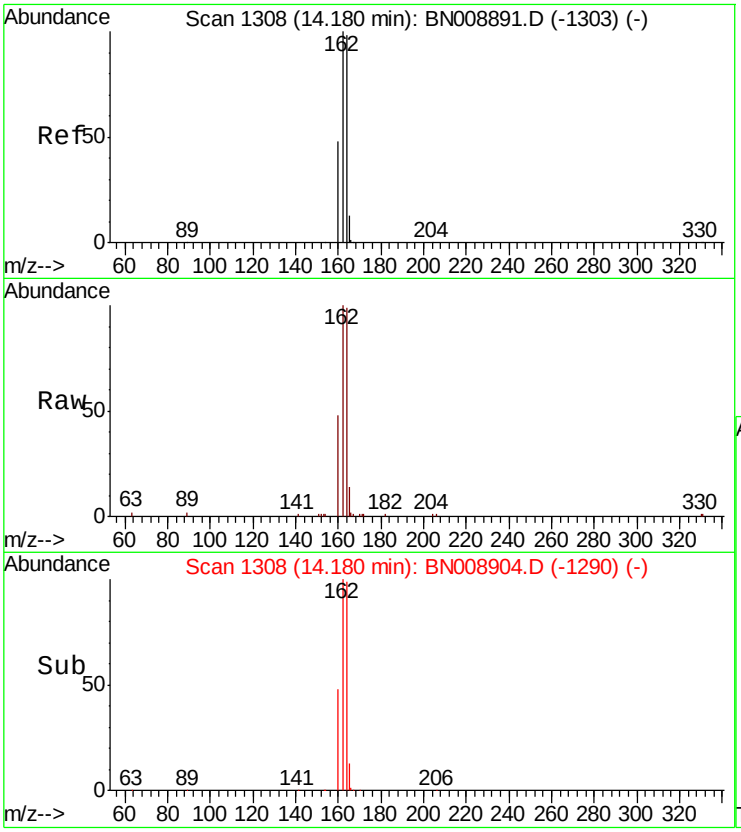


#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:142 Resp: 1969

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.3	103.9
115	40.0	27.9	41.9



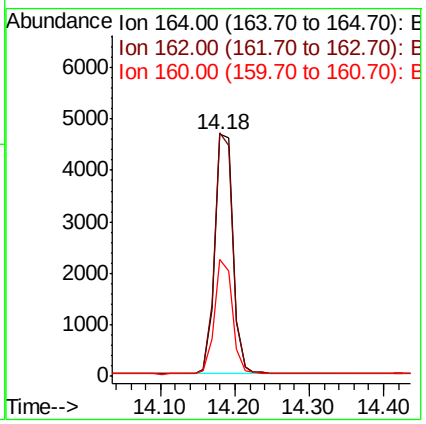


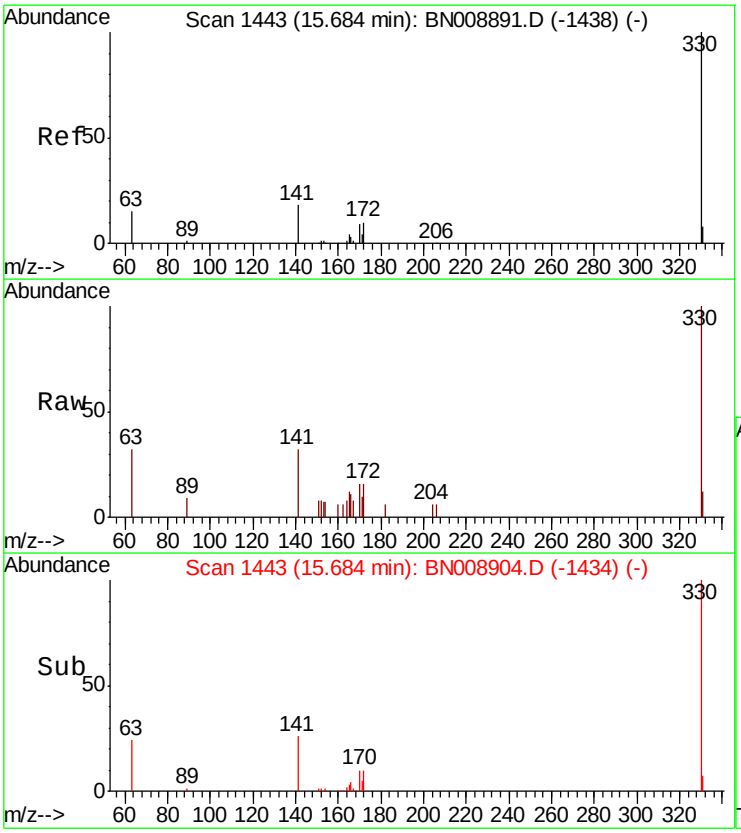
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7941

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.9	122.9
160	48.5	39.3	58.9

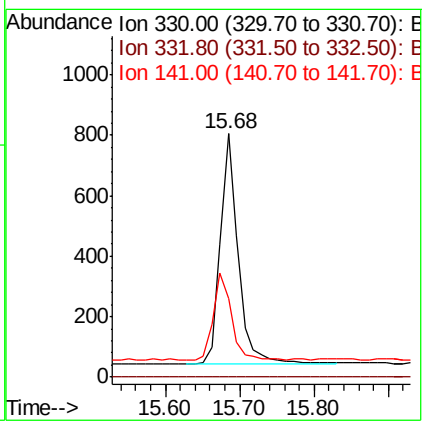


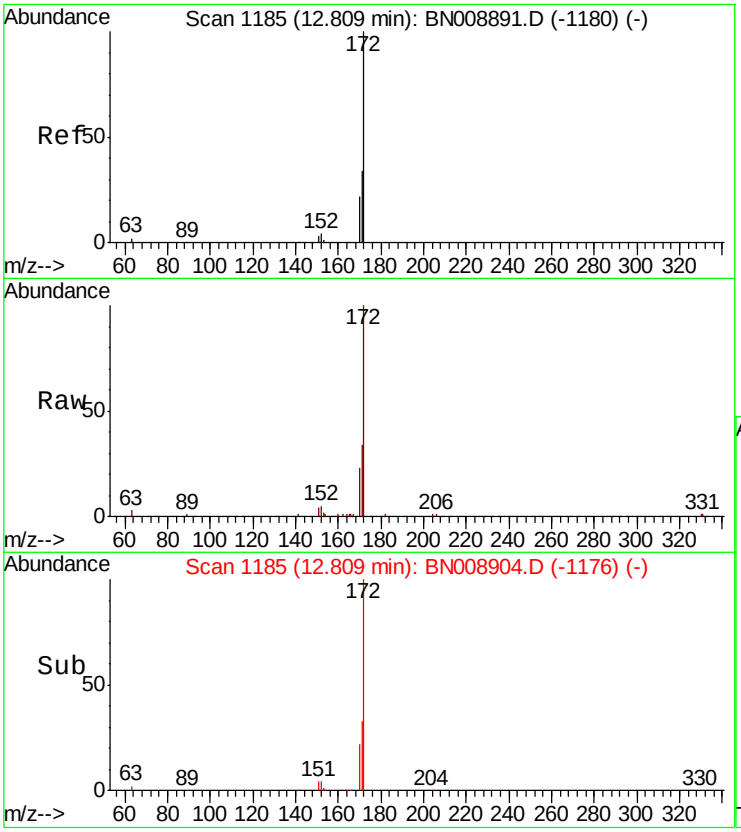


#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:330 Resp: 1261

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	29.6	44.4



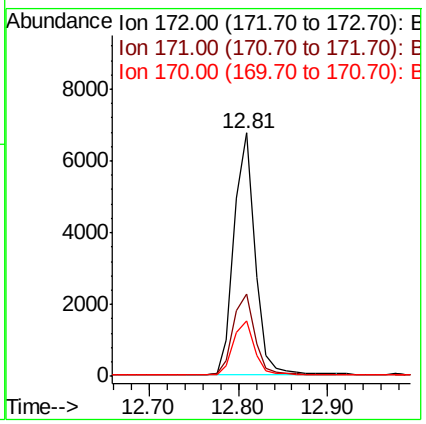


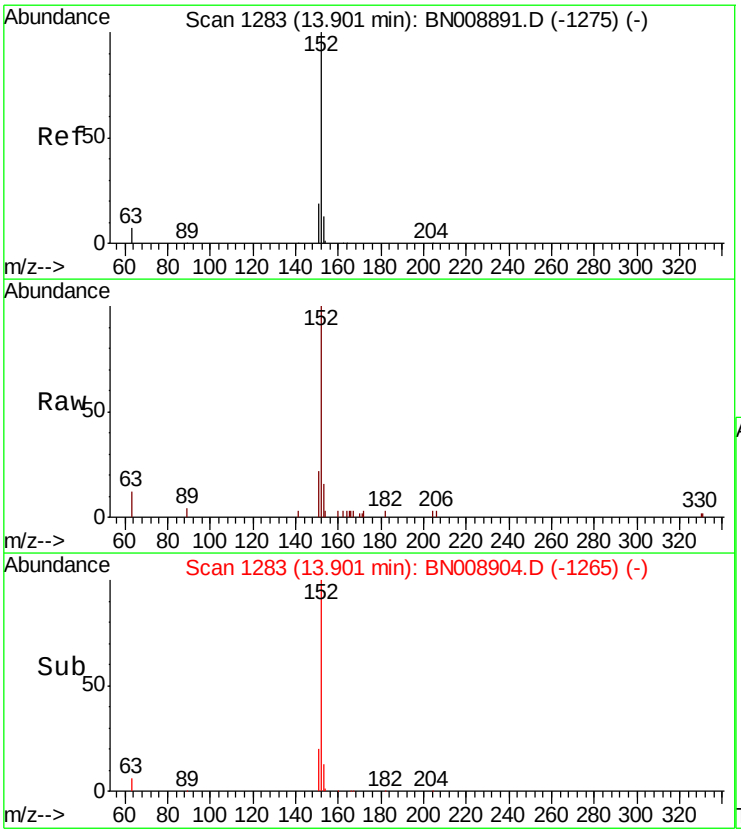
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10956

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.1	40.7
170	22.7	17.7	26.5

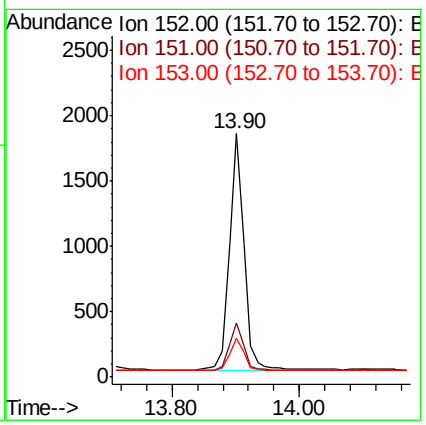


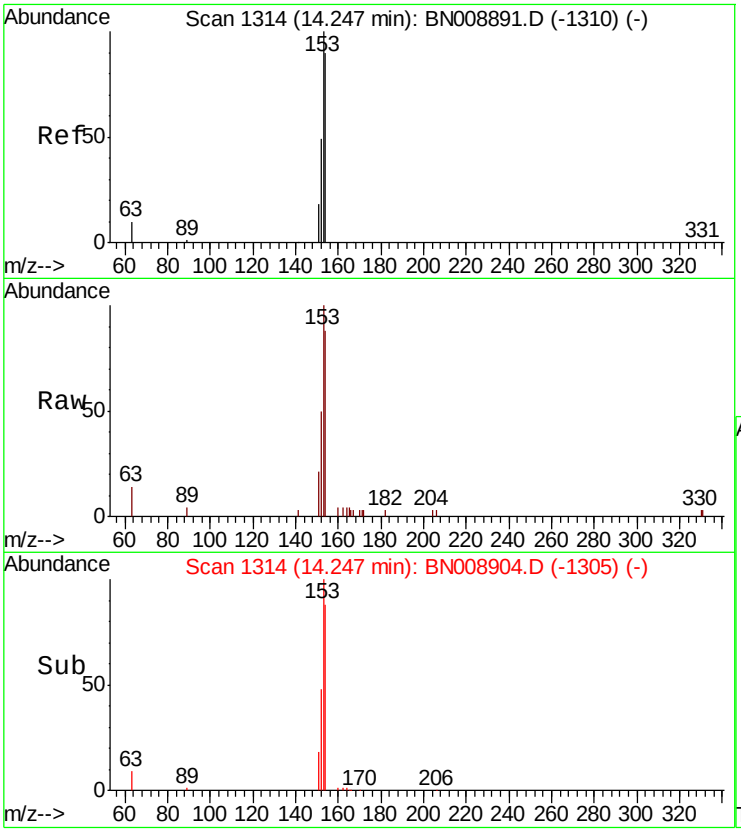


#16
Acenaphthylene
Concen: 0.080 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:152 Resp: 2895

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	13.2	10.3	15.5



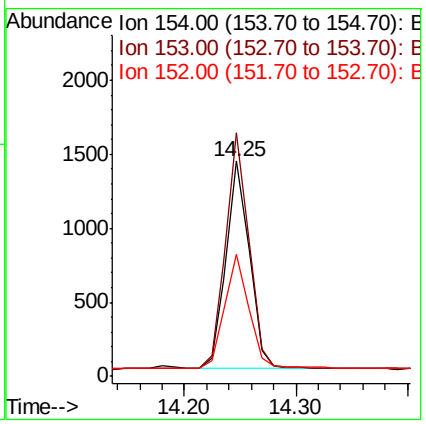


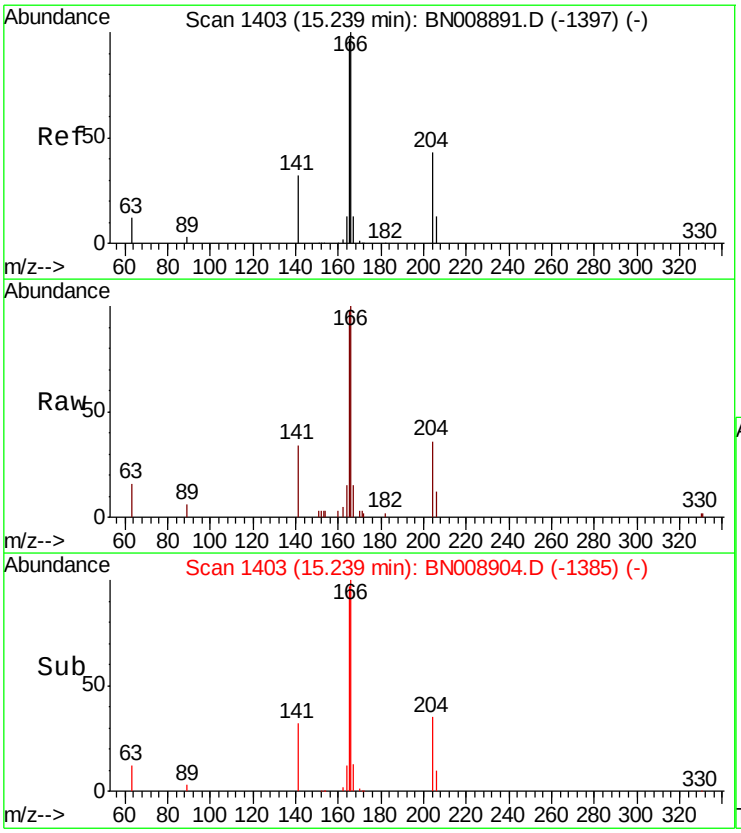
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2027

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	58.5	44.2	66.4

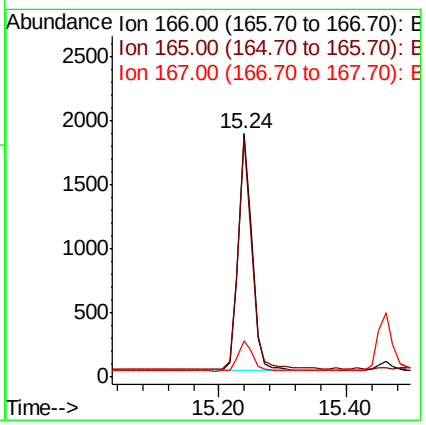


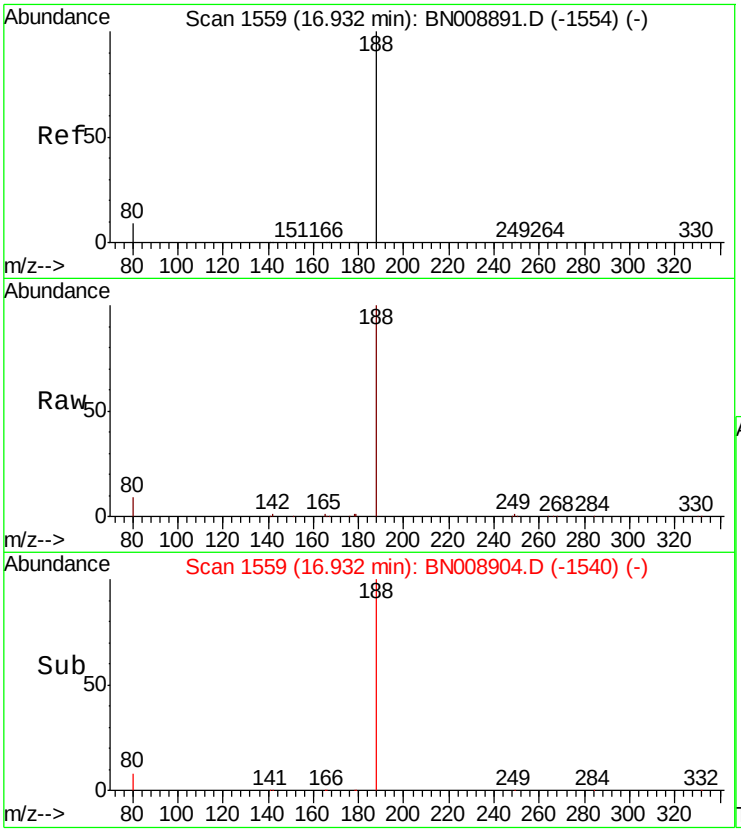


#18
Fluorene
Concen: 0.087 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:166 Resp: 2831

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.3	115.9
167	13.8	10.8	16.2



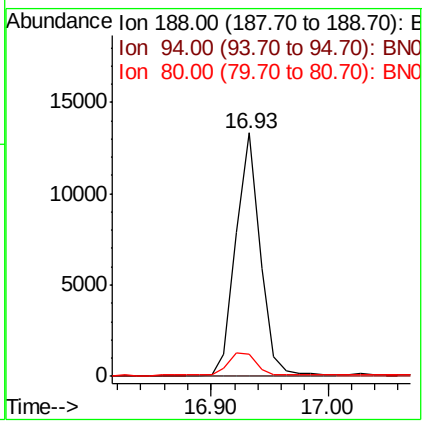


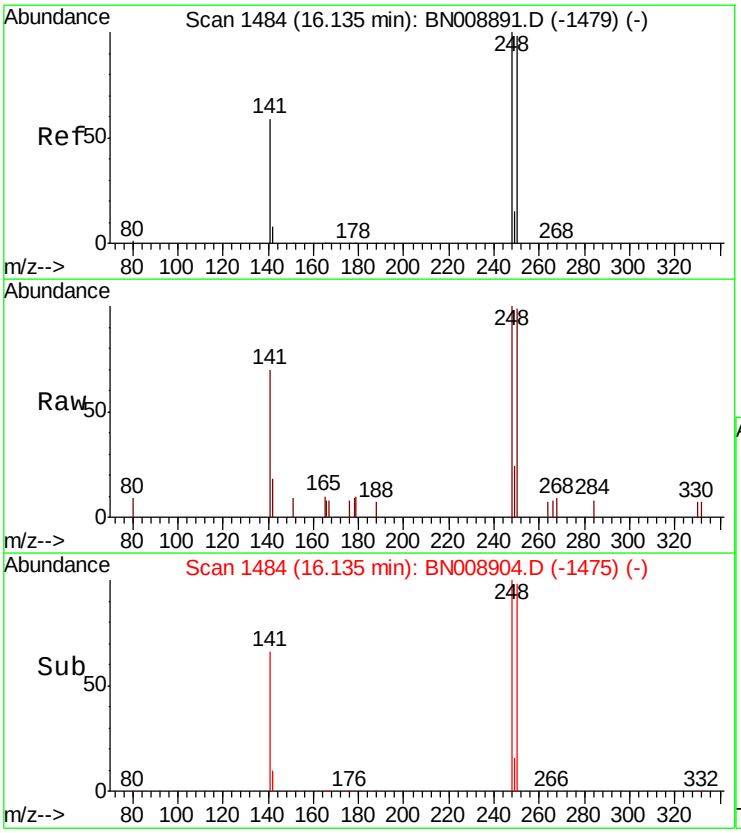
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19011

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.3	10.9

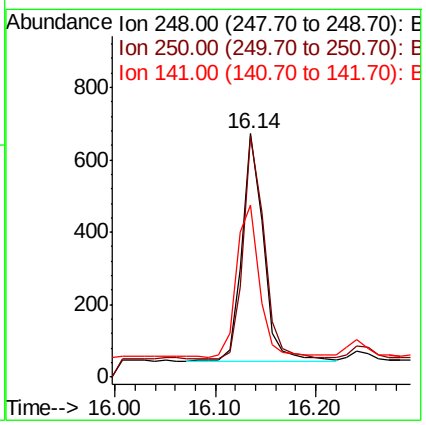


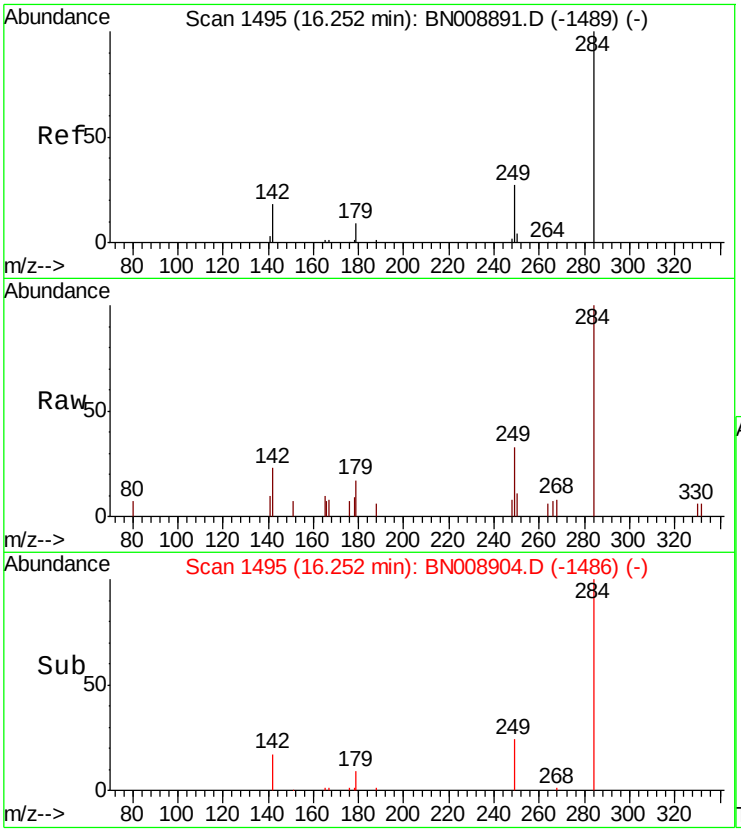


#20
4-Bromophenyl-phenylether
Concen: 0.081 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:248 Resp: 924

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.7	118.1
141	70.4	47.9	71.9



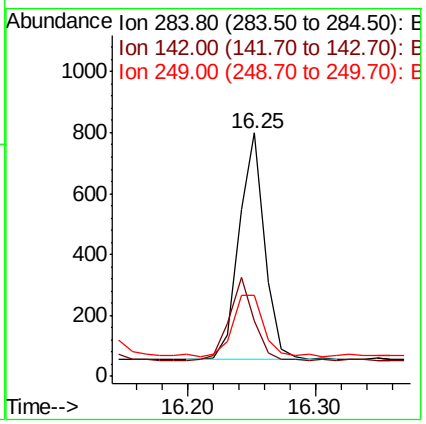


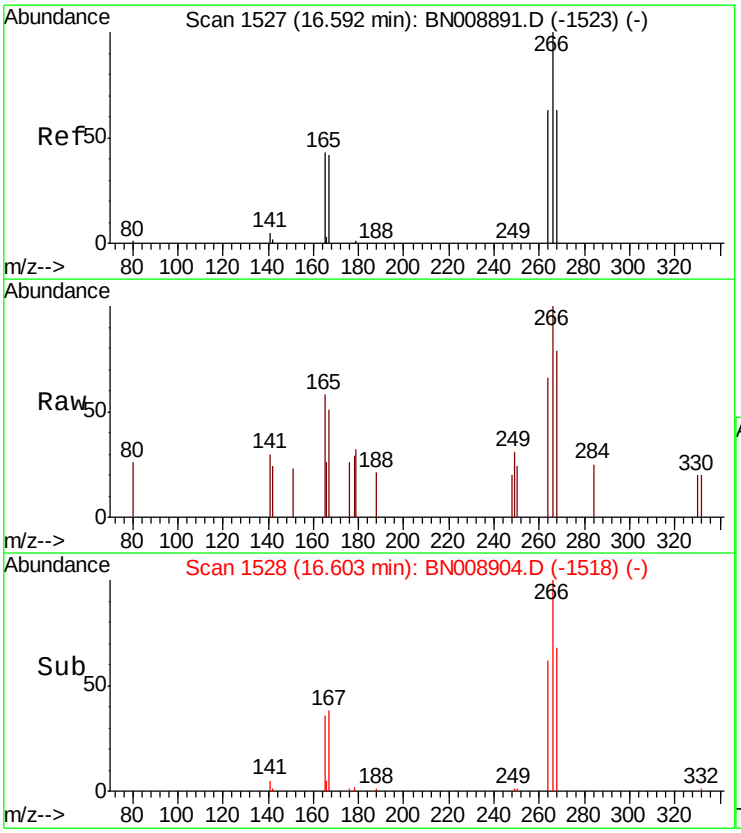
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1035

Ion	Ratio	Lower	Upper
284	100		
142	35.5	27.8	41.6
249	33.4	25.3	37.9

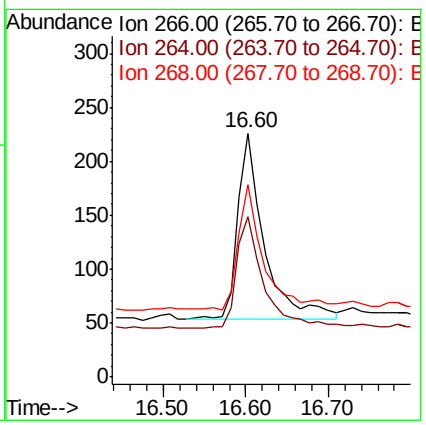


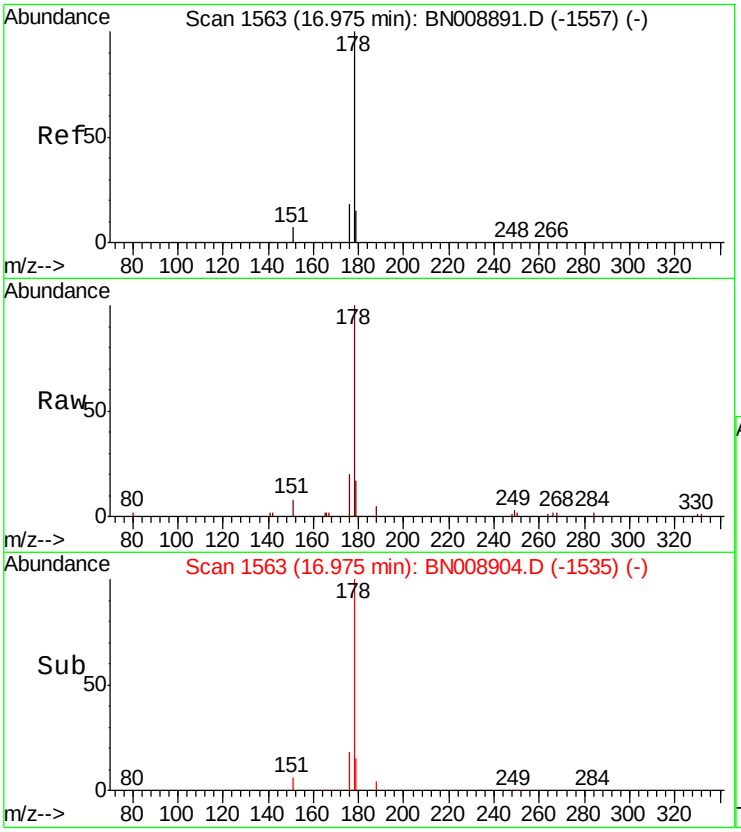


#22
Pentachlorophenol
Concen: 0.081 ng
RT: 16.60 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:266 Resp: 379

Ion	Ratio	Lower	Upper
266	100		
264	65.9	51.5	77.3
268	78.8	53.1	79.7



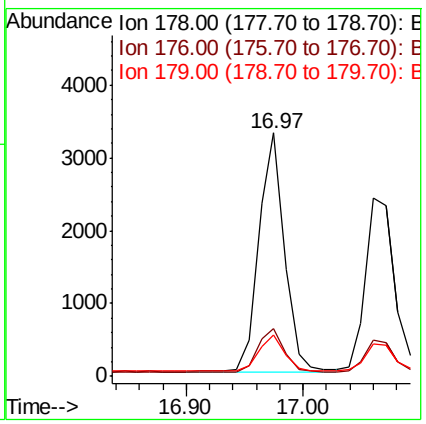


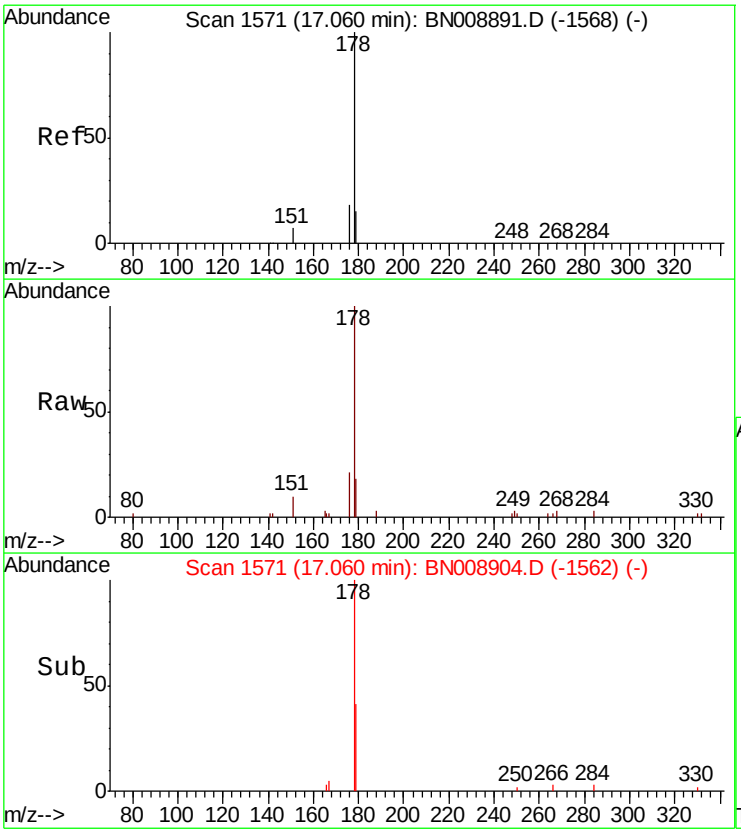
#23
Phenanthrene
Concen: 0.084 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5006

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.1	12.3	18.5

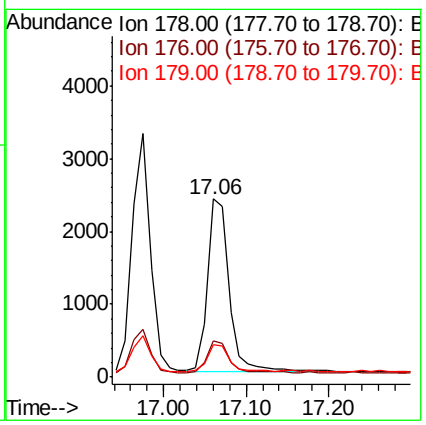


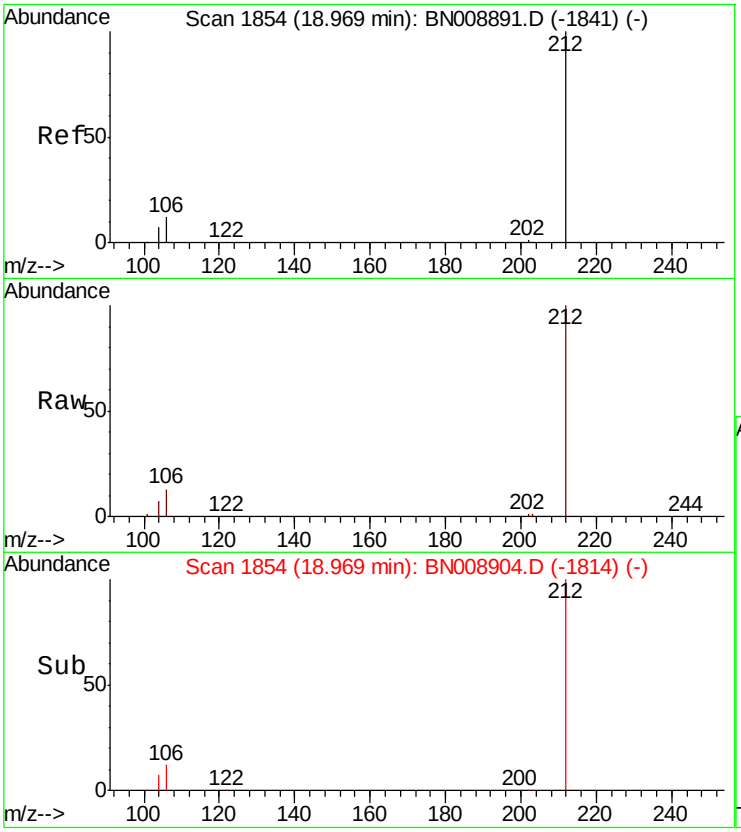


#24
Anthracene
Concen: 0.080 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:178 Resp: 4235

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.3	12.1	18.1



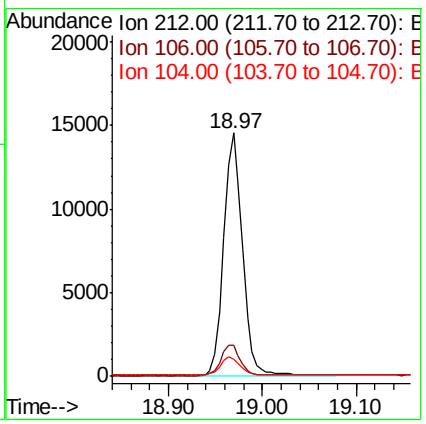


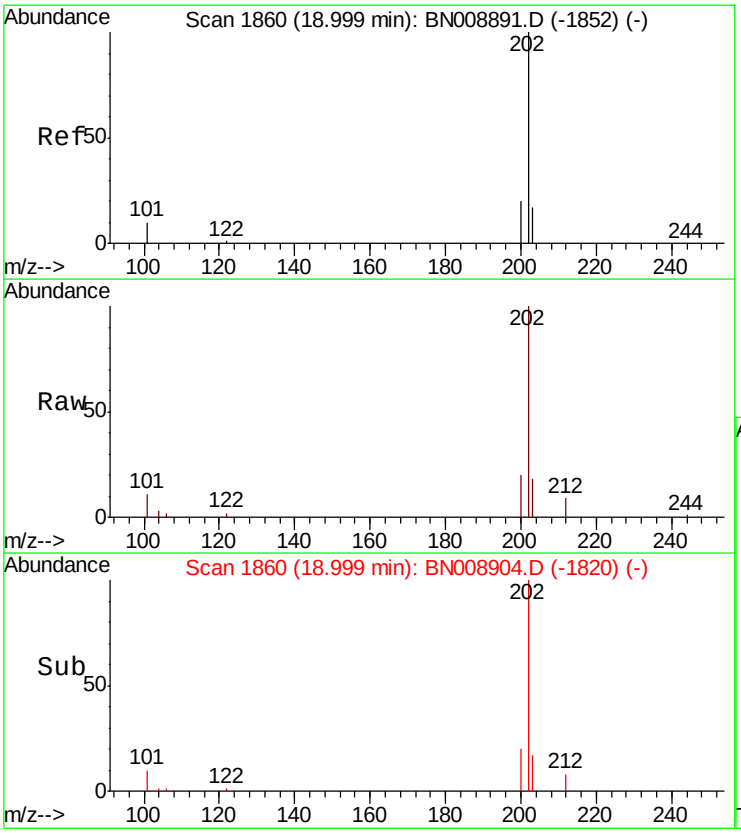
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 20057

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.4	15.6
104	7.1	5.9	8.9

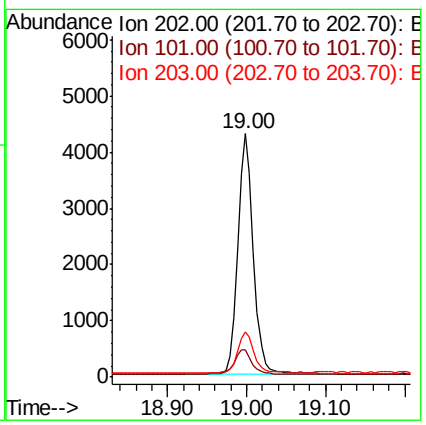


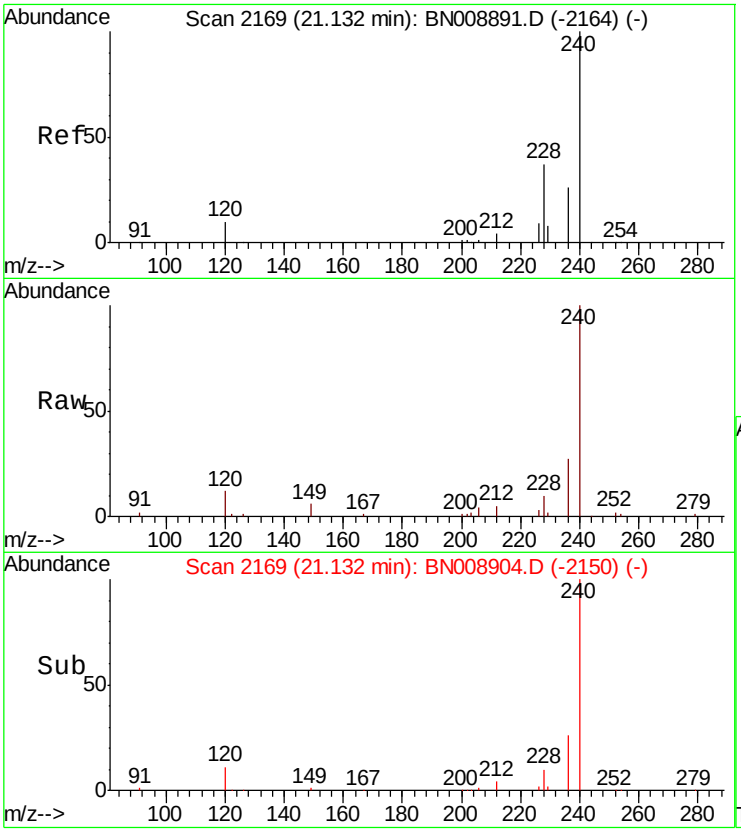


#26
Fluoranthene
Concen: 0.082 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:202 Resp: 5851

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
203	17.3	13.8	20.6



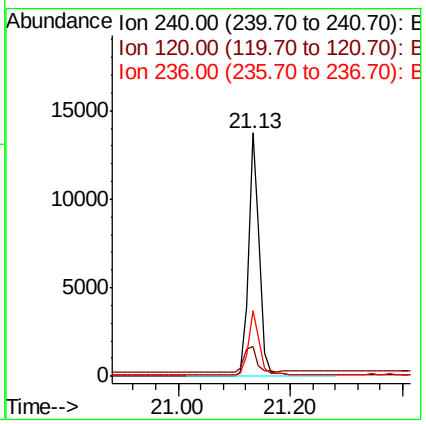


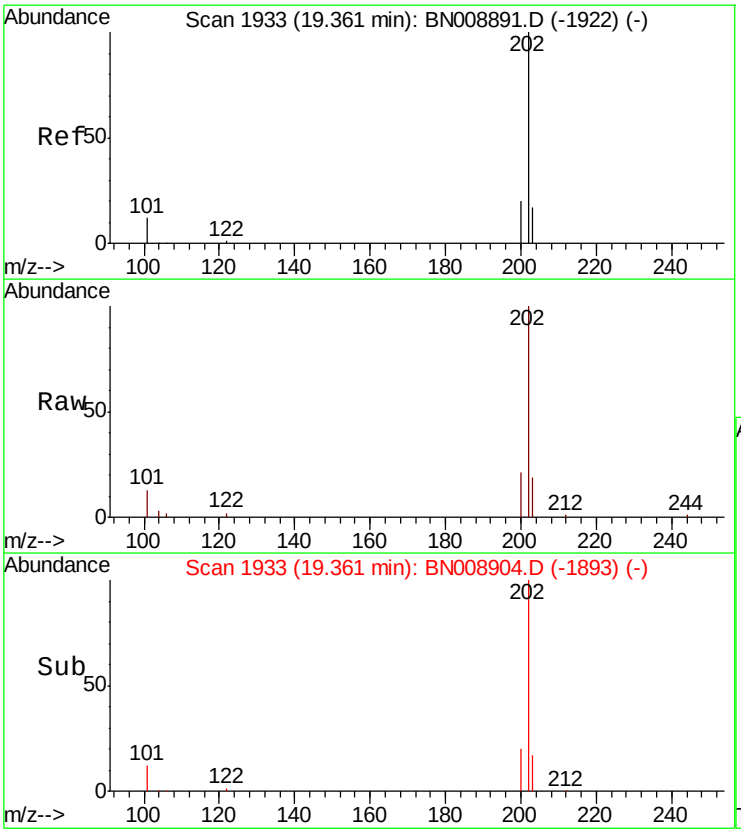
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18076

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.1	13.7
236	27.0	21.5	32.3

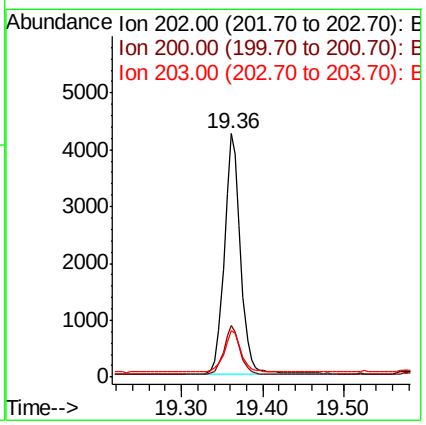


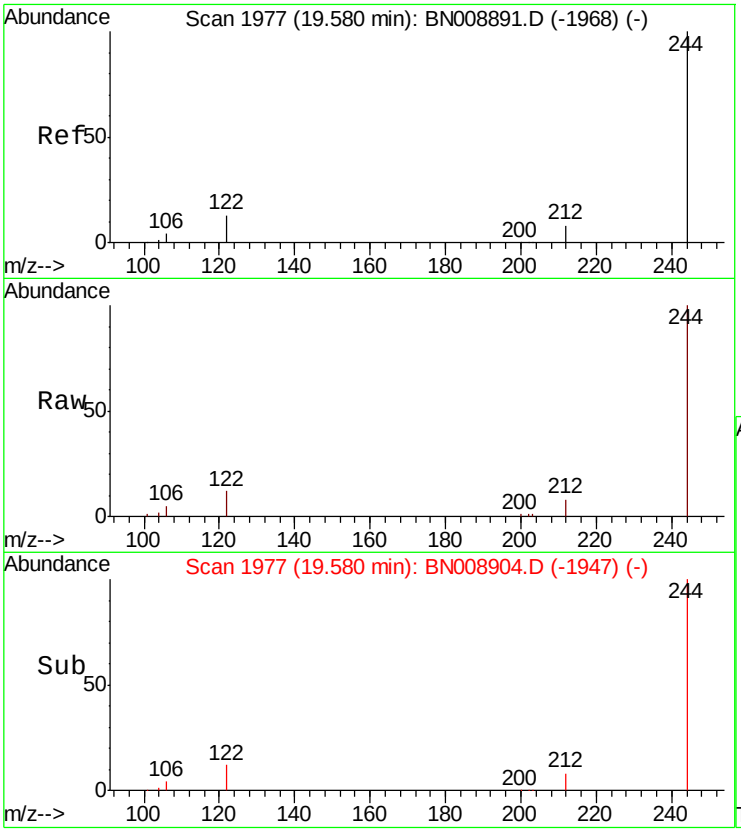


#28
Pyrene
Concen: 0.092 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:202 Resp: 5830

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	18.1	13.9	20.9



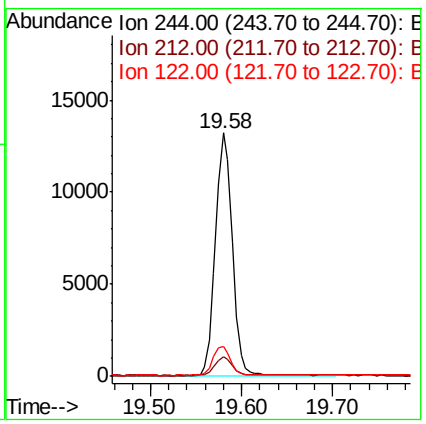


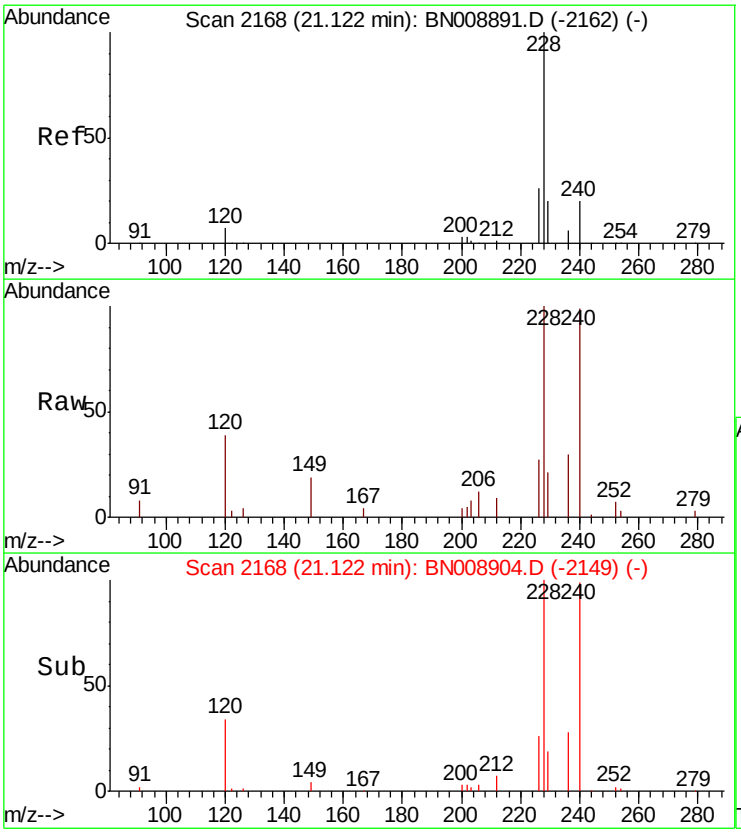
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 16704

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.3	10.4	15.6

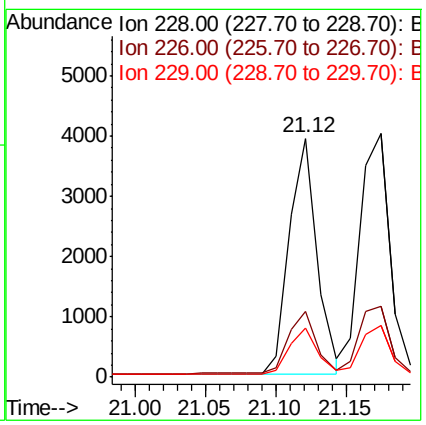


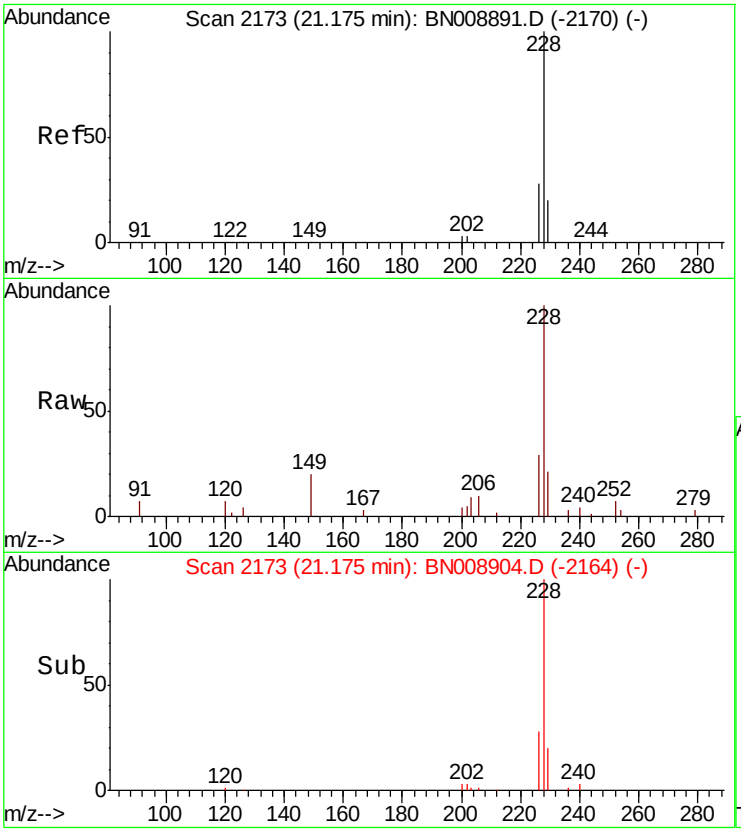


#30
Benzo(a)anthracene
Concen: 0.084 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:228 Resp: 5388

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.6	30.8
229	20.6	15.9	23.9



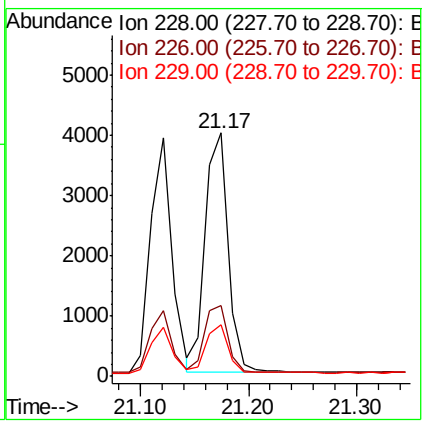


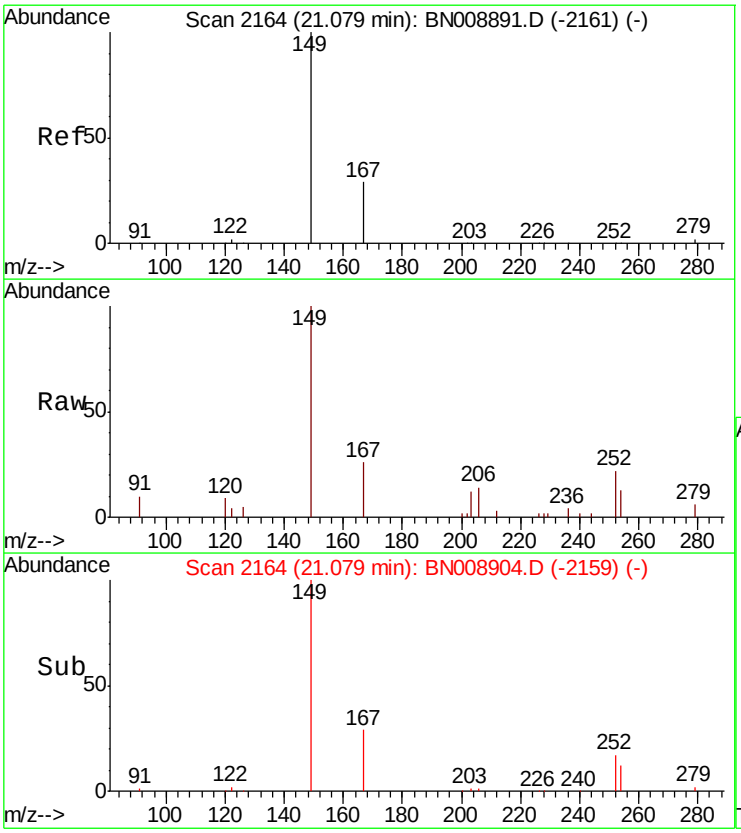
#31
Chrysene
Concen: 0.089 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 5894

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	21.0	15.9	23.9

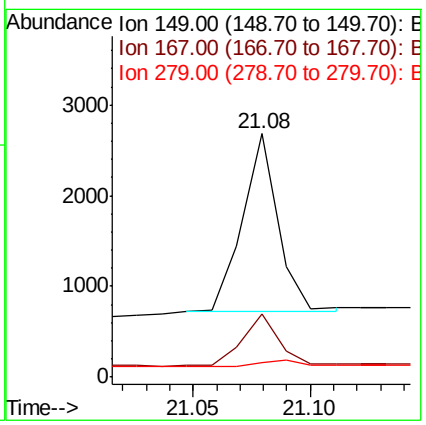


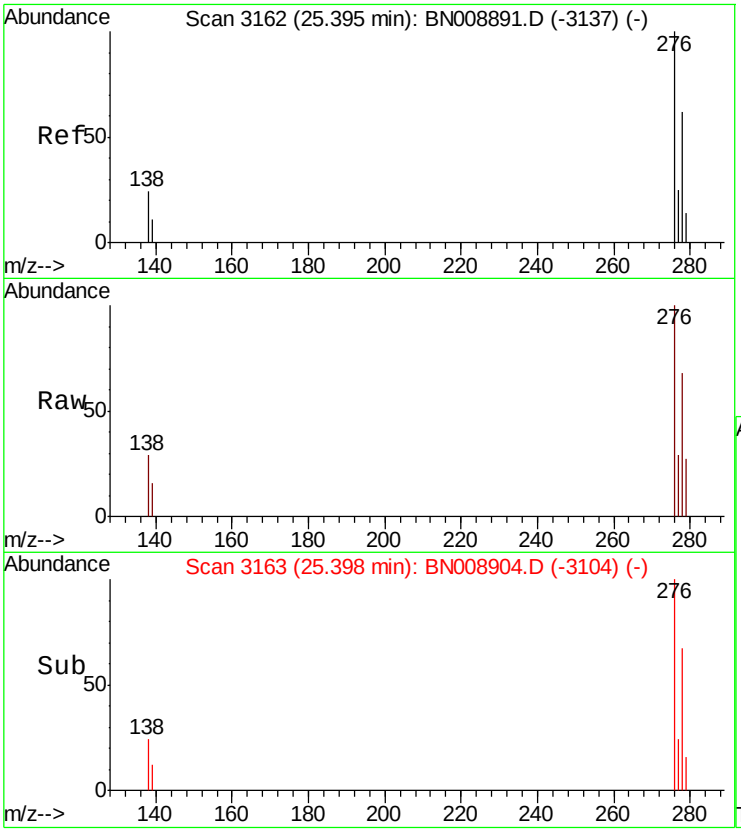


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:149 Resp: 2055

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.7	34.1
279	4.4	3.3	4.9



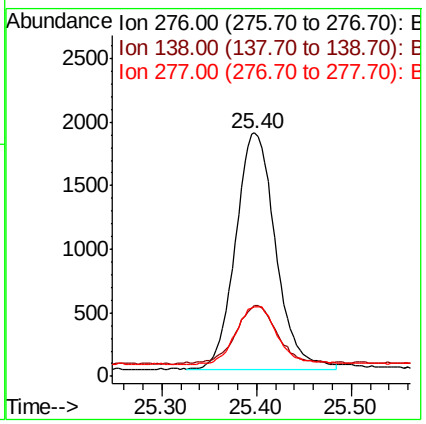


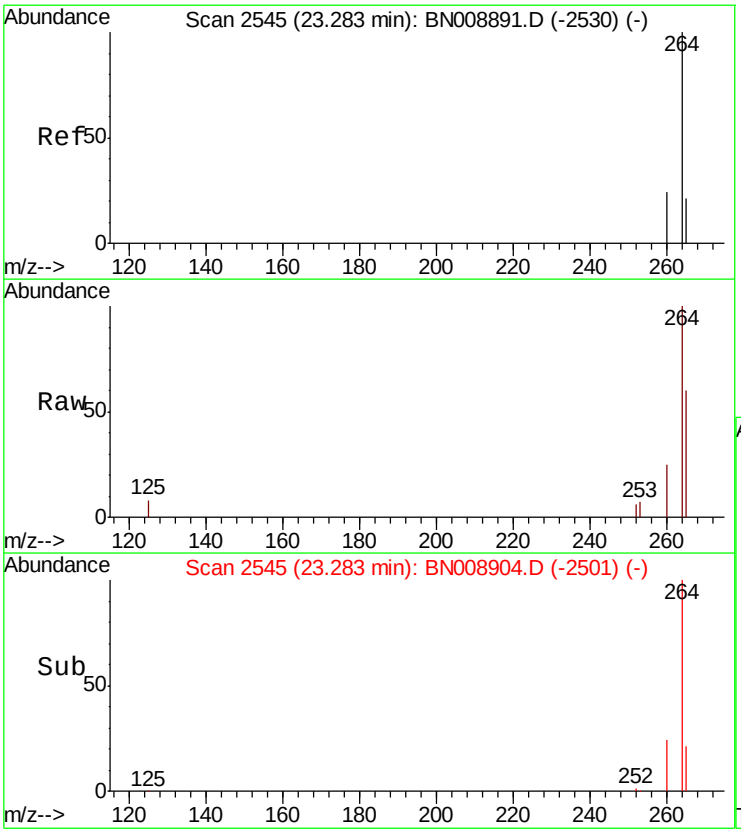
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng
RT: 25.40 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5435

Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.9	29.9
277	24.8	19.8	29.8

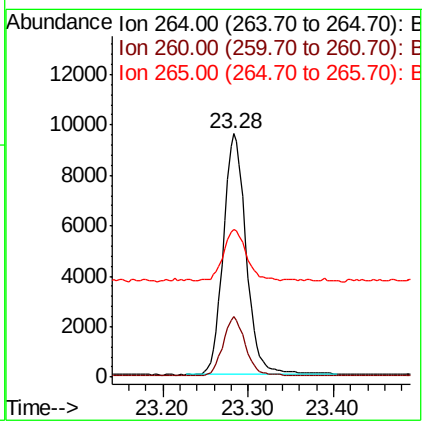


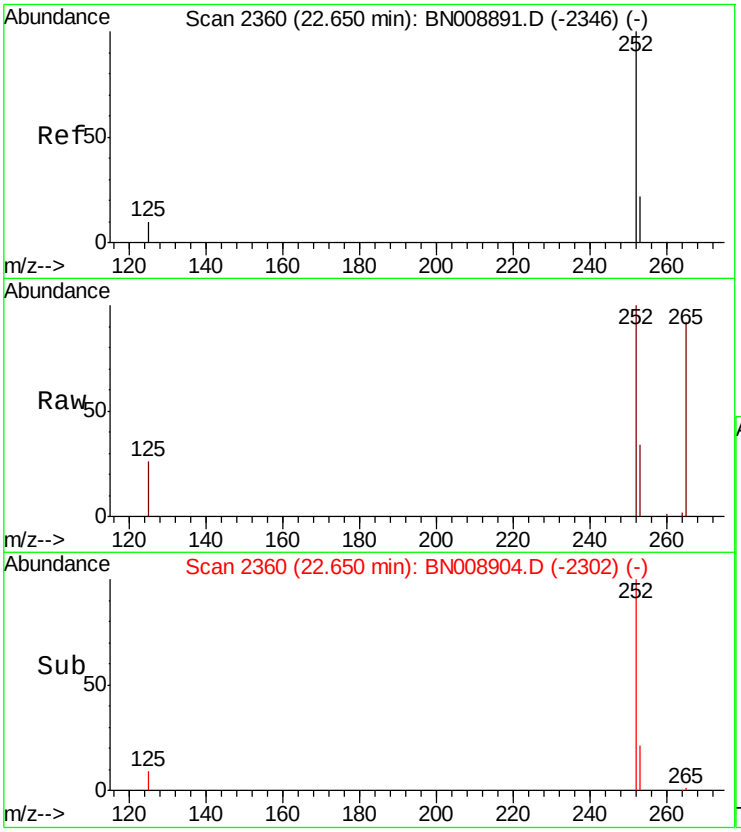


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:264 Resp: 17858

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	60.4	47.5	71.3



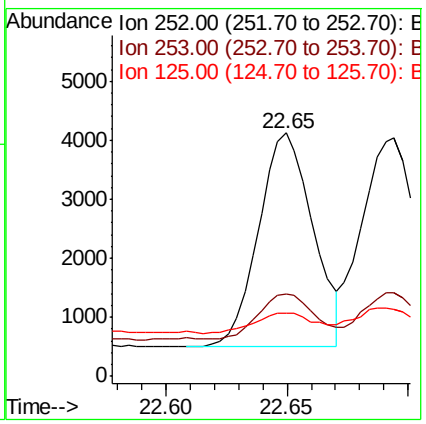


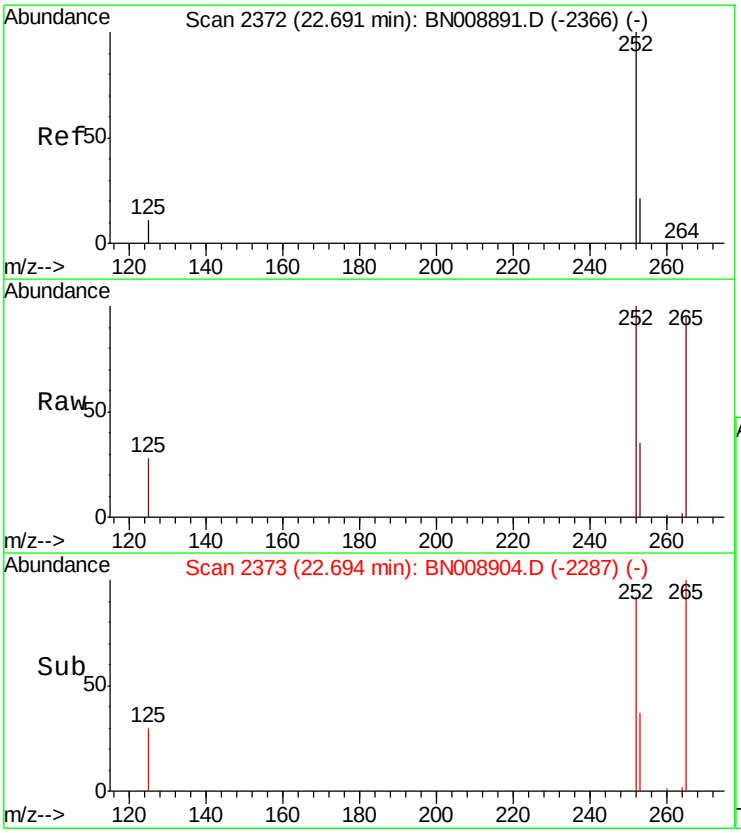
#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5654

Ion	Ratio	Lower	Upper
252	100		
253	33.8	19.8	29.6#
125	26.0	10.8	16.2#

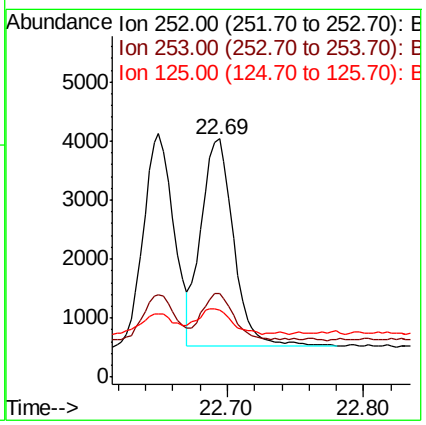


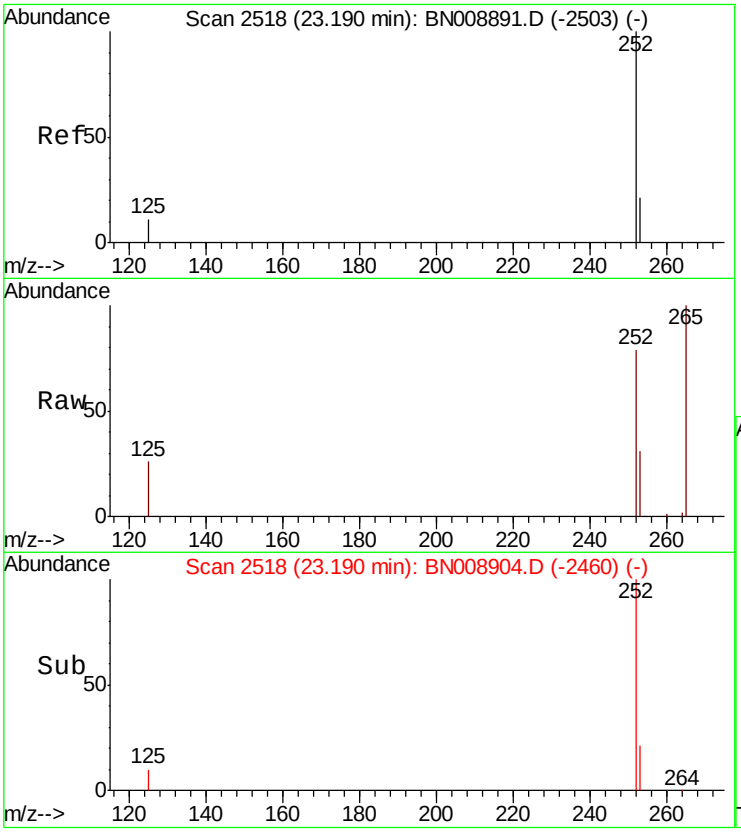


#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:252 Resp: 5833

Ion	Ratio	Lower	Upper
252	100		
253	35.1	19.2	28.8#
125	28.0	11.6	17.4#



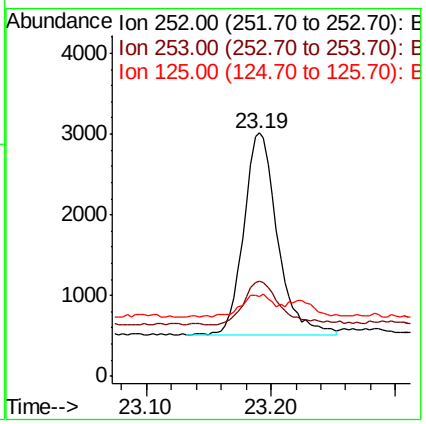


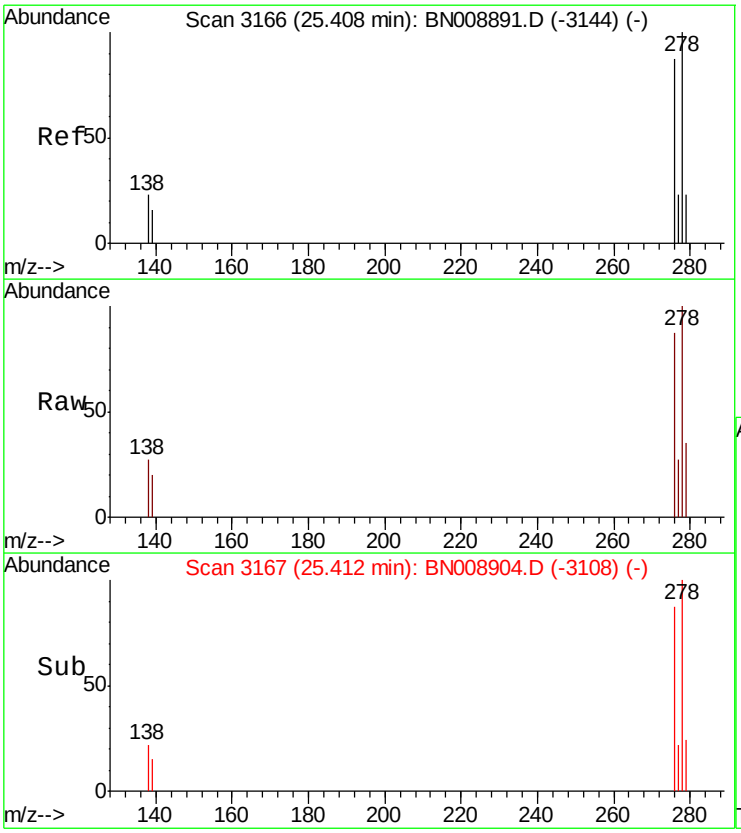
#37
Benzo(a)pyrene
Concen: 0.082 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4688

Ion	Ratio	Lower	Upper
252	100		
253	39.3	19.9	29.9#
125	33.0	12.3	18.5#

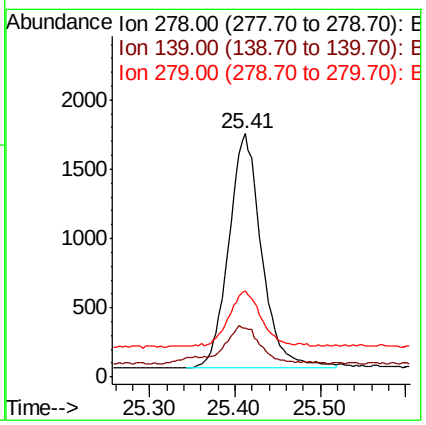


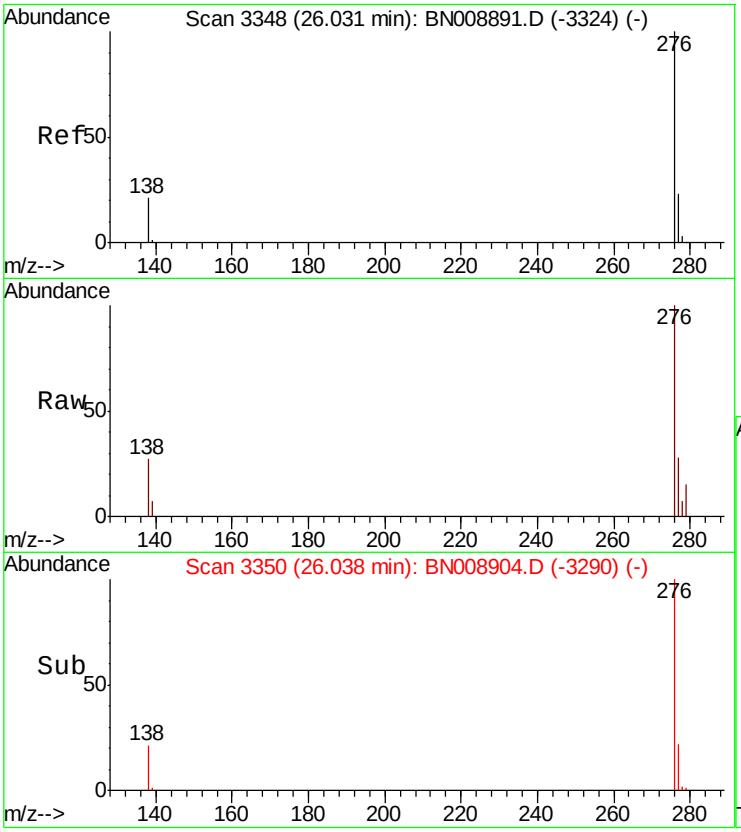


#38
Dibenzo(a,h)anthracene
Concen: 0.083 ng
RT: 25.41 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion:278 Resp: 4494

Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.9	20.9
279	35.2	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.091 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4848

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.4	29.2
138	26.7	17.8	26.6#