Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004151.D
Acq On : 20 Dec 2018 15:37
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 20 16:28:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 16:25:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1780	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	9715	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	6166	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	15064	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15953	0.40	ng		-0.01
34) Perylene-d12	23.72	264	14738	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4200	0.95	ng		0.00
5) Phenol-d6	7.00	99	5718	1.03	ng		0.00
8) Nitrobenzene-d5	9.00	82	4970	1.17	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	12951	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	2839	1.16	ng		0.00
15) 2-Fluorobiphenyl	13.08	172	19152	0.72	ng		0.00
25) Fluoranthene-d10	19.24	212	35217	0.80	ng		0.00
29) Terphenyl-d14	19.83	244	30790	0.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	1221	0.530	ng		98
3) n-Nitrosodimethylamine	3.67	42	718	0.677	ng	#	82
6) bis(2-Chloroethyl)ether	7.26	93	4239	0.854	ng		100
9) Naphthalene	10.67	128	18939	0.797	ng		99
10) Hexachlorobutadiene	10.93	225	3210	0.739	ng	#	100
12) 2-Methylnaphthalene	12.29	142	13929	0.839	ng		98
16) Acenaphthylene	14.19	152	23000	0.837	ng		100
17) Acenaphthene	14.52	154	15089	0.792	ng		98
18) Fluorene	15.51	166	18986	0.796	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	6767	0.775	ng	#	86
21) Hexachlorobenzene	16.52	284	7621	0.828	ng		95
22) Pentachlorophenol	16.88	266	1346	0.540	ng		98
23) Phenanthrene	17.25	178	32939	0.797	ng		100
24) Anthracene	17.34	178	30415	0.858	ng		100
26) Fluoranthene	19.27	202	38762	0.817	ng		99
28) Pyrene	19.64	202	39689	0.900	ng		100
30) Benzo(a)anthracene	21.39	228	34561	0.827	ng		100
31) Chrysene	21.44	228	36052	0.799	ng		100
32) Bis(2-ethylhexyl)phthalate	21.28	149	20126	1.627	ng		99
33) Indeno(1,2,3-cd)pyrene	26.09	276	38143	0.817	ng		99
35) Benzo(b)fluoranthene	23.02	252	33822	0.736	ng	#	95
36) Benzo(k)fluoranthene	23.07	252	35258	0.774	ng		100
37) Benzo(a)pyrene	23.62	252	31863	0.761	ng	#	91
38) Dibenzo(a,h)anthracene	26.09	278	31895	0.818	ng		98
39) Benzo(g,h,i)perylene	26.82	276	31419	0.806	ng		98

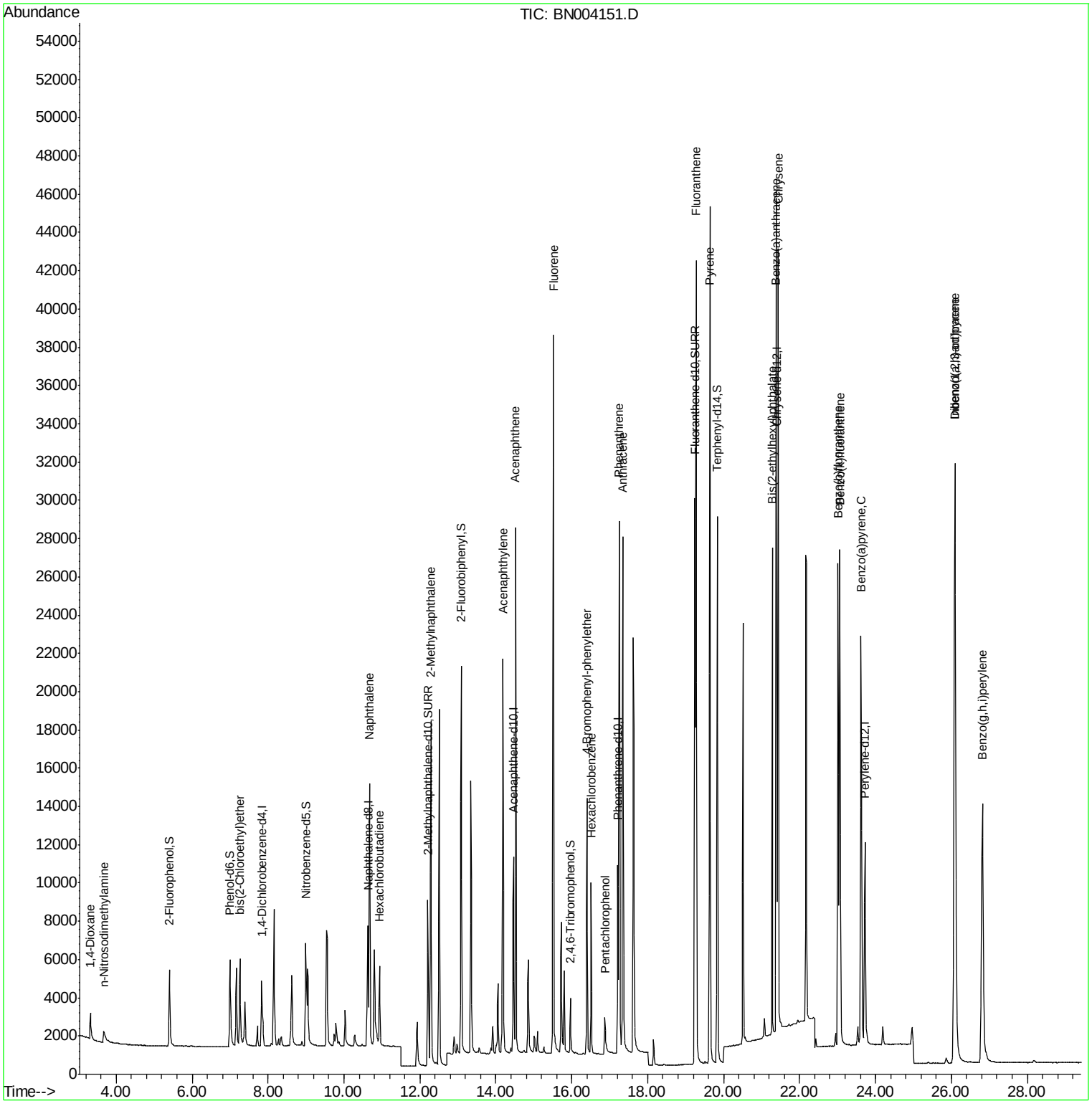
(#) = qualifier out of range (m) = manual integration (+) = signals summed

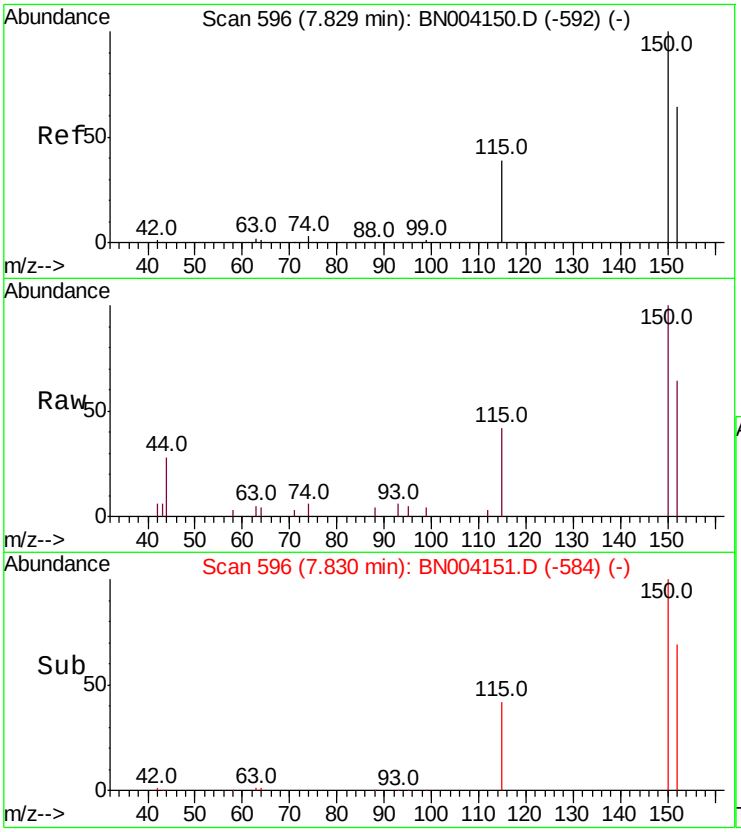
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004151.D
Acq On : 20 Dec 2018 15:37
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 16:28:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 16:25:43 2018
Response via : Initial Calibration



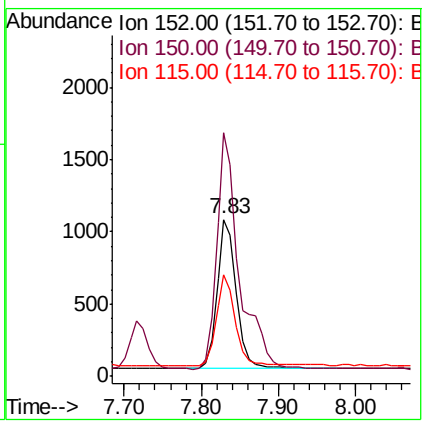


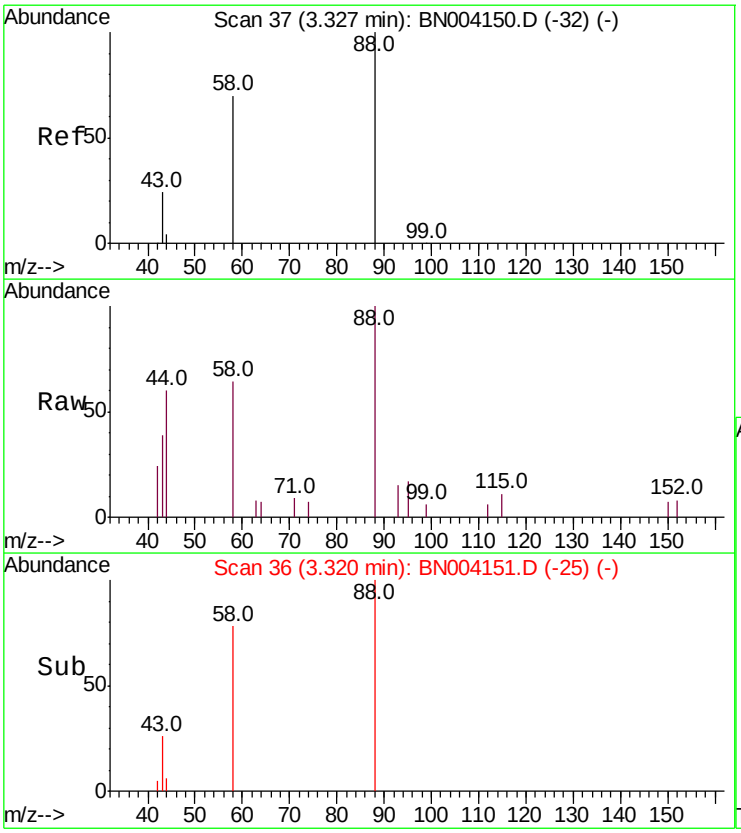
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 596
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1780

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	187.0
115	64.9	46.4	69.6

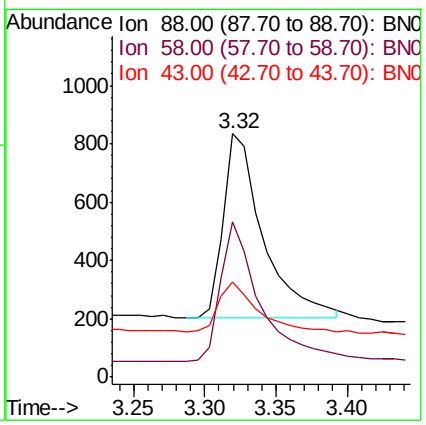


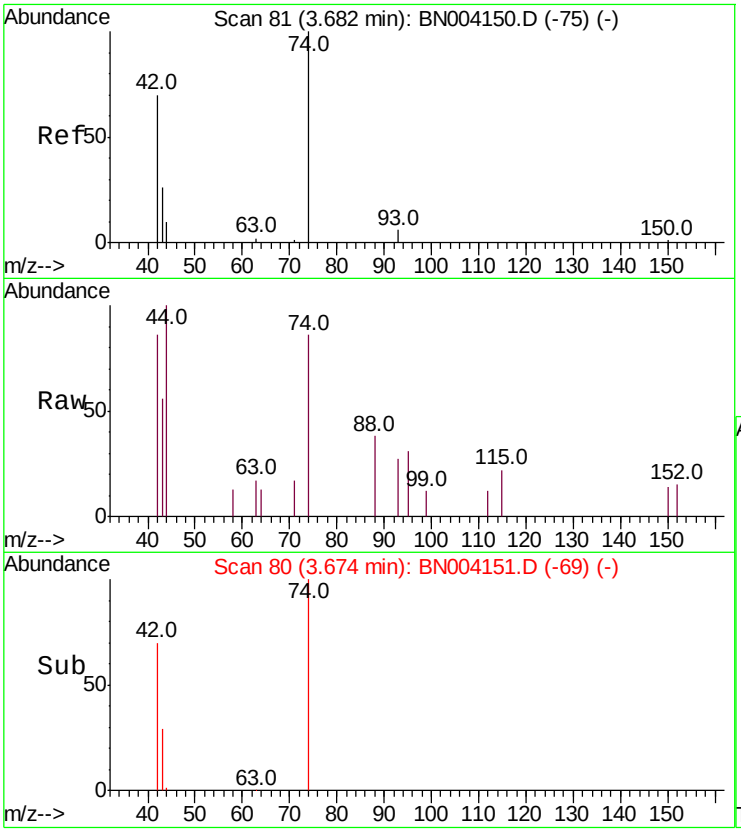


#2
1,4-Dioxane
Concen: 0.530 ng
RT: 3.32 min Scan# 36
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion: 88 Resp: 1221

Ion	Ratio	Lower	Upper
88	100		
58	75.8	60.9	91.3
43	27.1	23.9	35.9

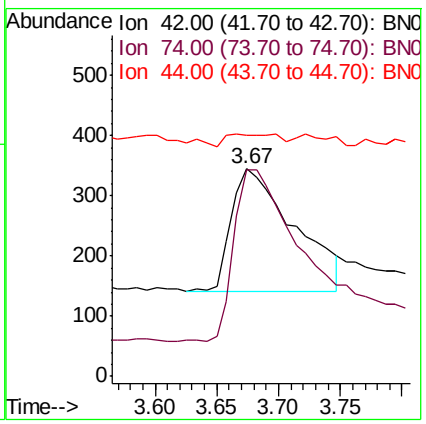




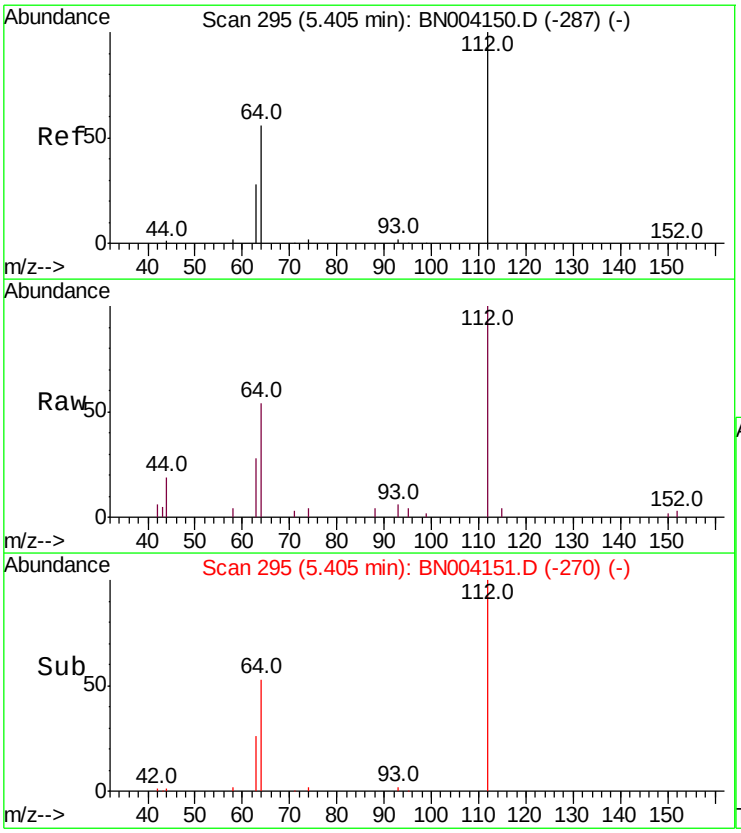
#3
n-Nitrosodimethylamine
Concen: 0.677 ng
RT: 3.67 min Scan# 80
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion: 42 Resp: 718

Ion	Ratio	Lower	Upper
42	100		
74	145.3	99.1	148.7
44	8.4	4.2	6.4#



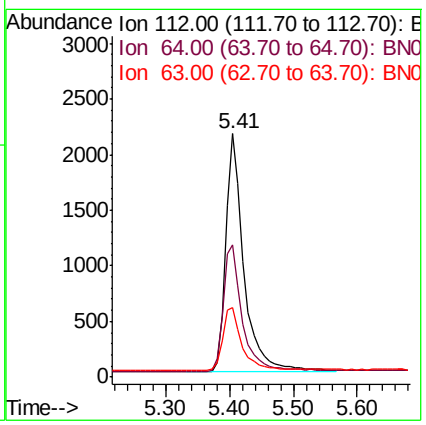
Instrument :
BNA_N
ClientSampleId :

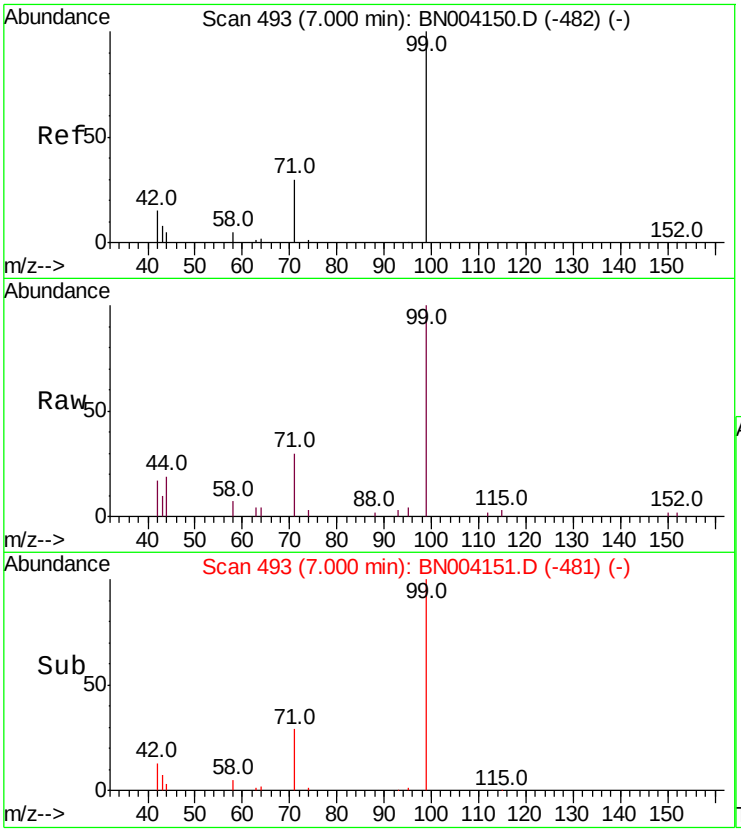


#4
2-Fluorophenol
Concen: 0.953 ng
RT: 5.41 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:112 Resp: 4200

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.3	66.5
63	27.8	22.4	33.6



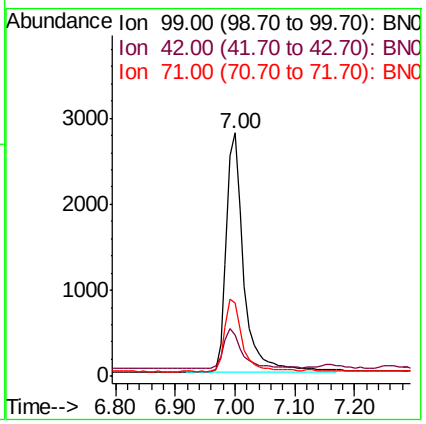


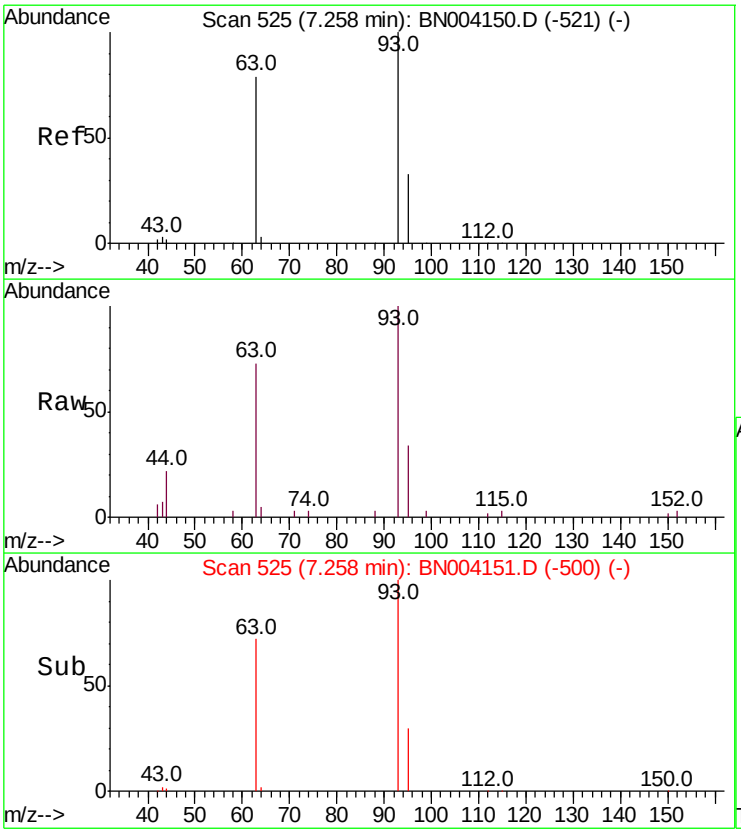
#5
Phenol-d6
Concen: 1.027 ng
RT: 7.00 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5718

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.8	22.2
71	30.3	24.8	37.2

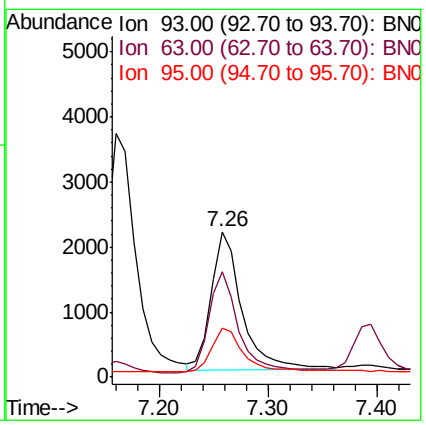


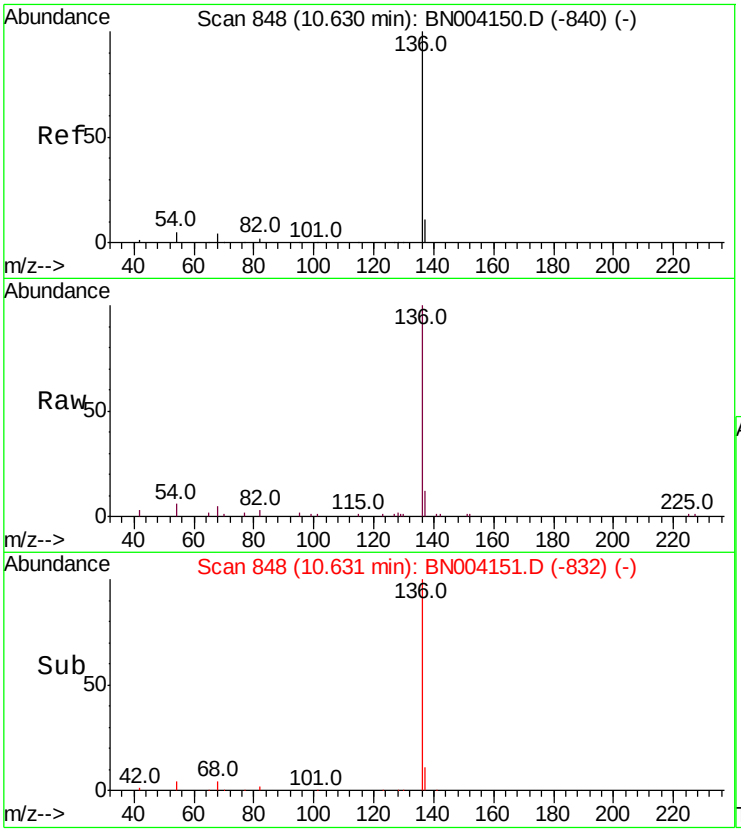


#6
bis(2-Chloroethyl)ether
Concen: 0.854 ng
RT: 7.26 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion: 93 Resp: 4239

Ion	Ratio	Lower	Upper
93	100		
63	69.7	55.8	83.6
95	31.8	25.4	38.2



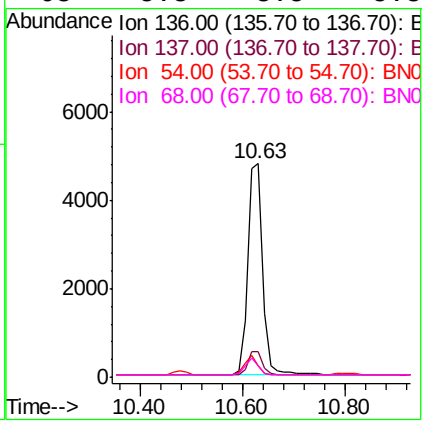


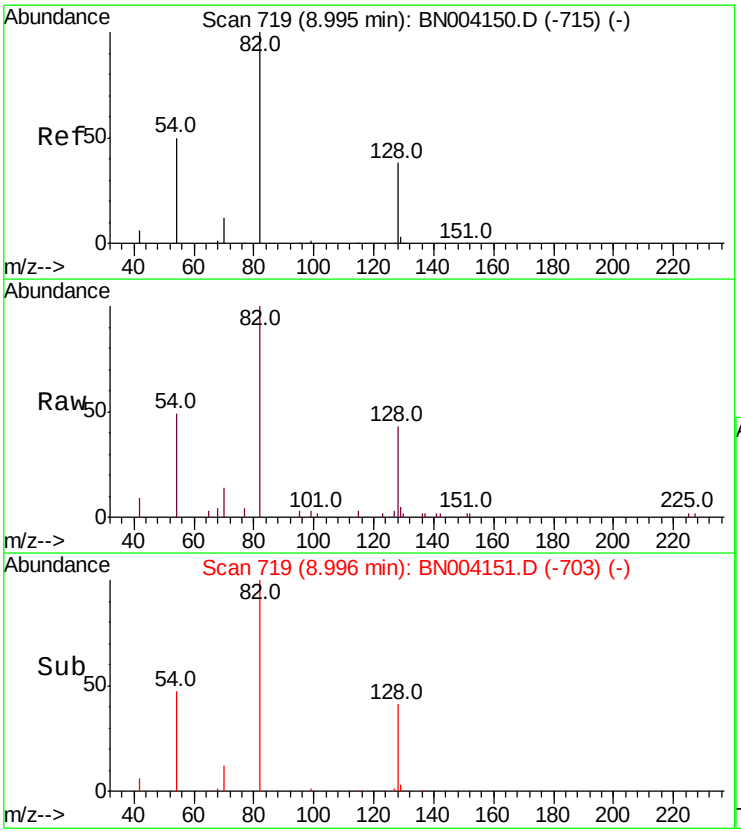
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9715

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	5.7	4.1	6.1
68	5.3	3.5	5.3

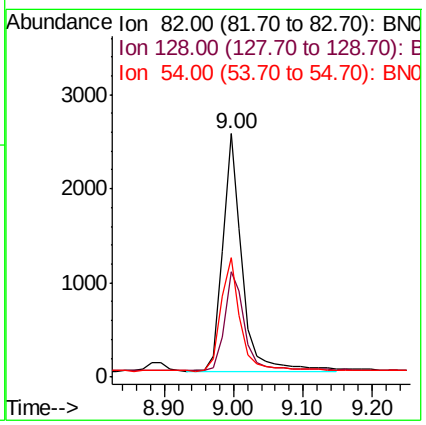


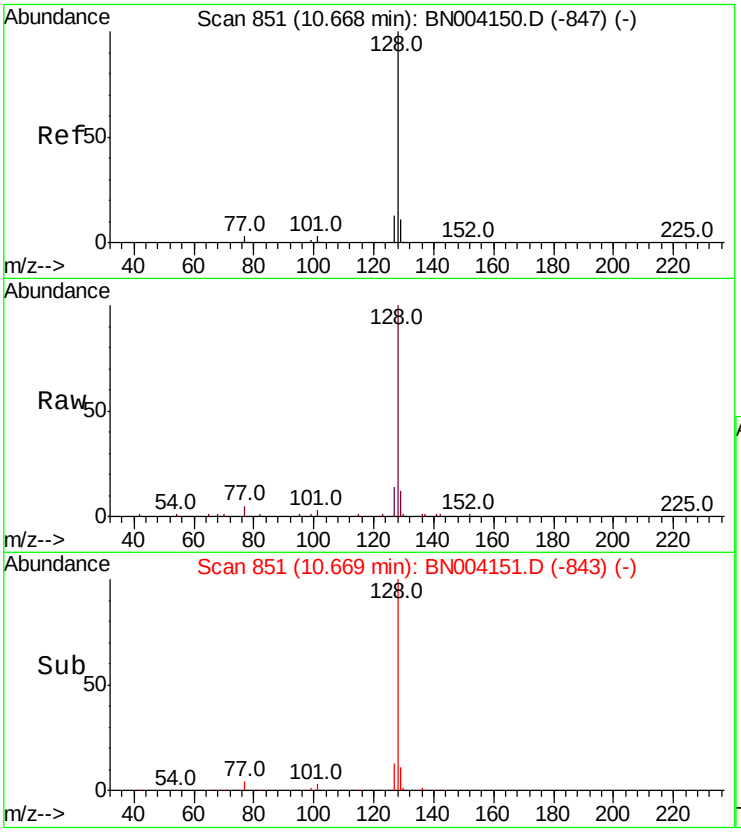


#8
Nitrobenzene-d5
Concen: 1.168 ng
RT: 9.00 min Scan# 719
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion: 82 Resp: 4970

Ion	Ratio	Lower	Upper
82	100		
128	43.0	28.9	43.3
54	48.8	46.1	69.1



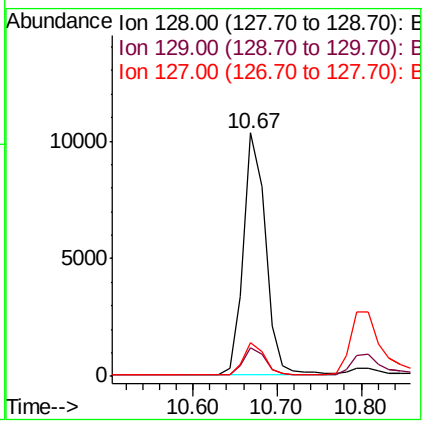


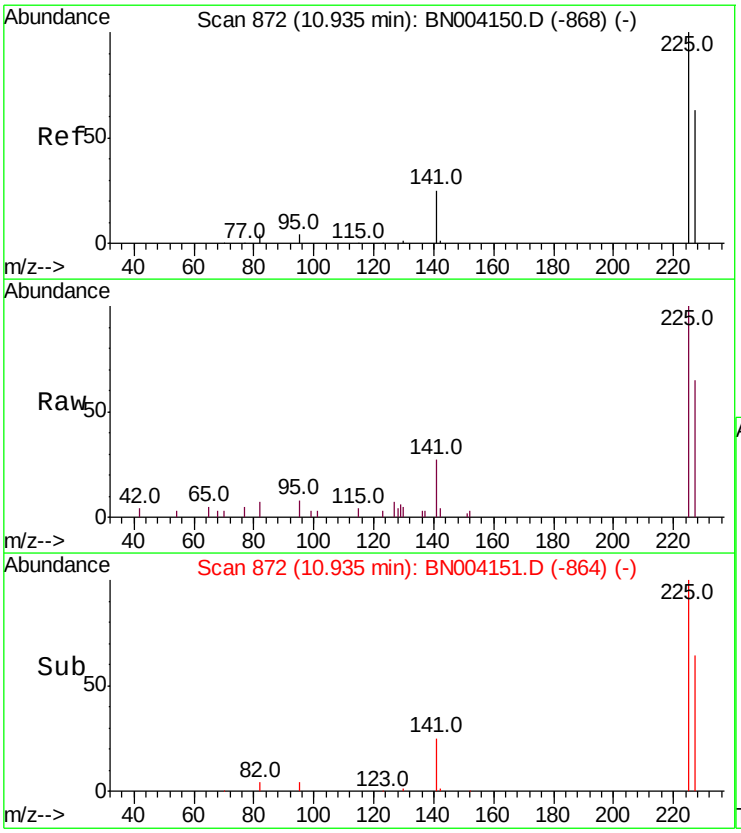
#9
Naphthalene
Concen: 0.797 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18939

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	10.2	15.4

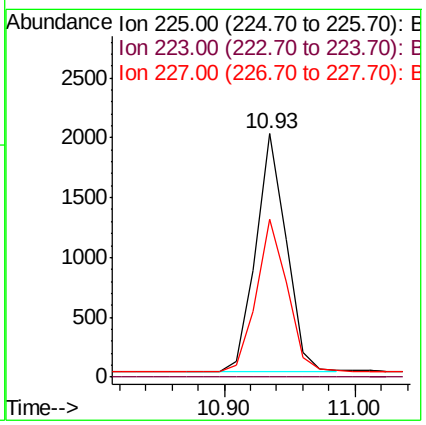


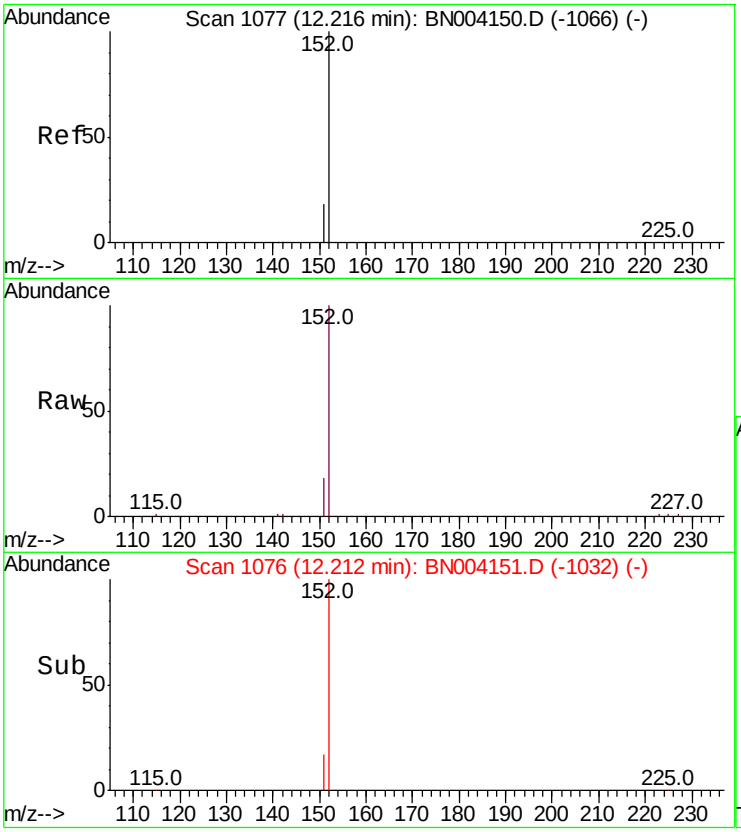


#10
Hexachlorobutadiene
Concen: 0.739 ng
RT: 10.93 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:225 Resp: 3210

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



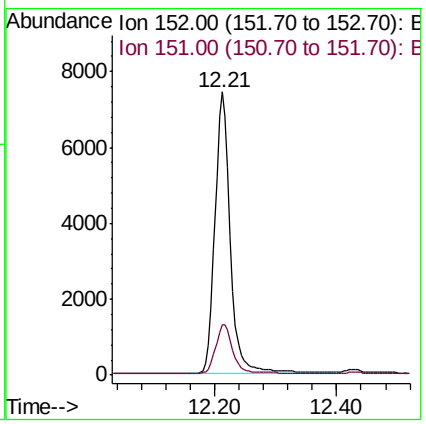


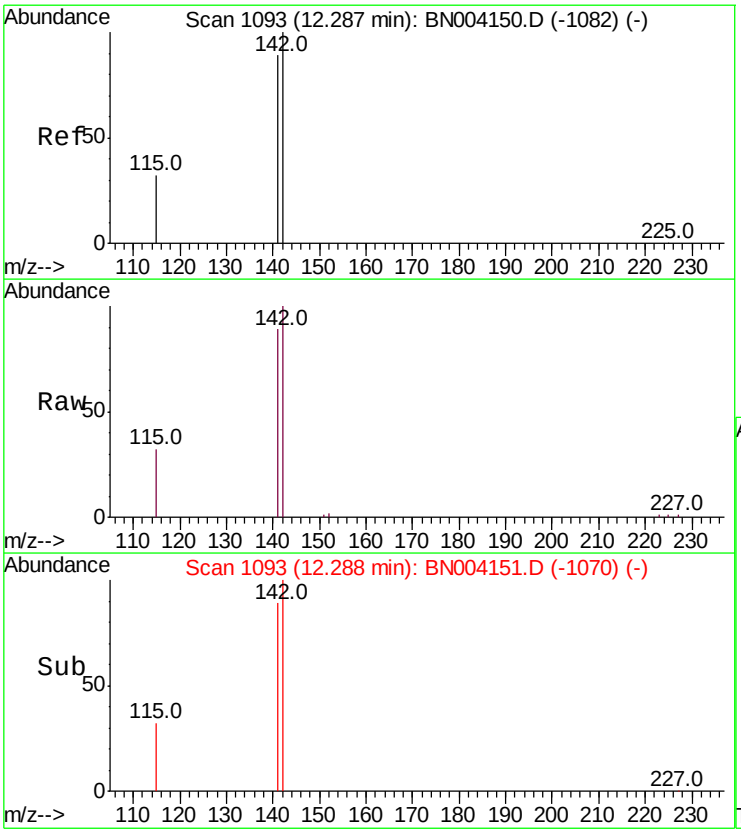
#11
2-Methylnaphthalene-d10
Concen: 0.819 ng
RT: 12.21 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12951

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

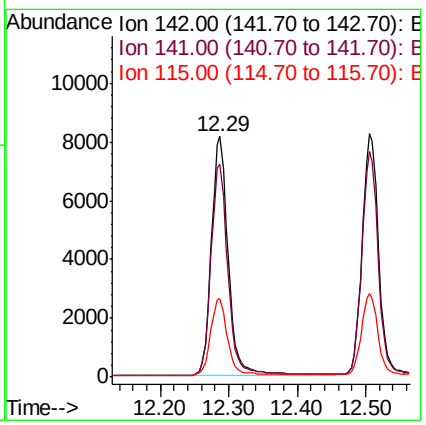


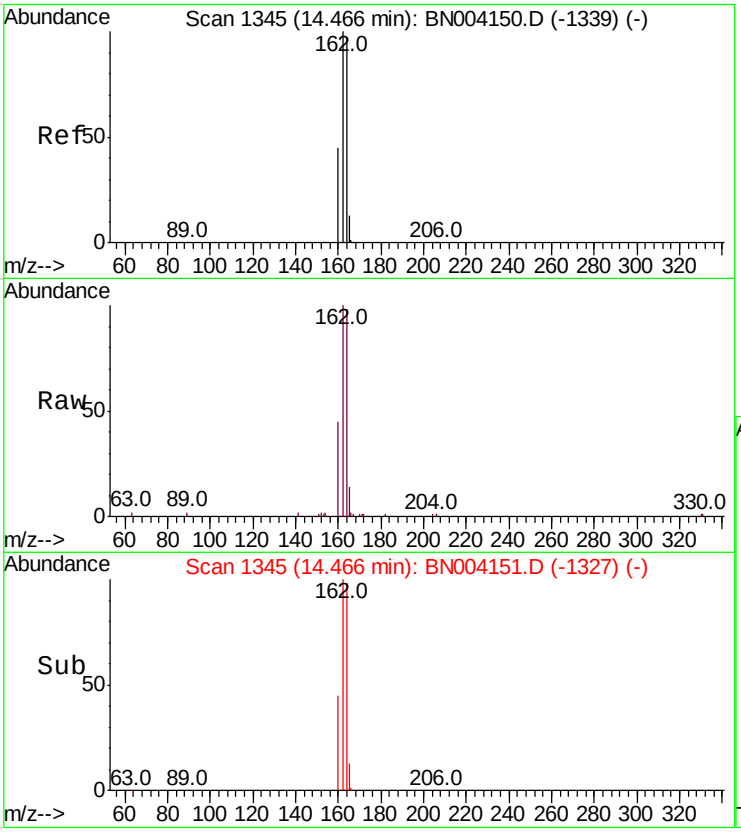


#12
2-Methylnaphthalene
Concen: 0.839 ng
RT: 12.29 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:142 Resp: 13929

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	32.5	27.0	40.6



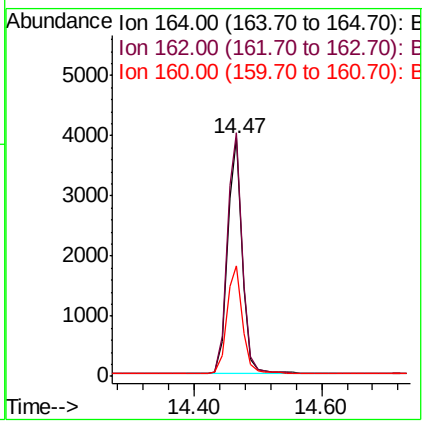


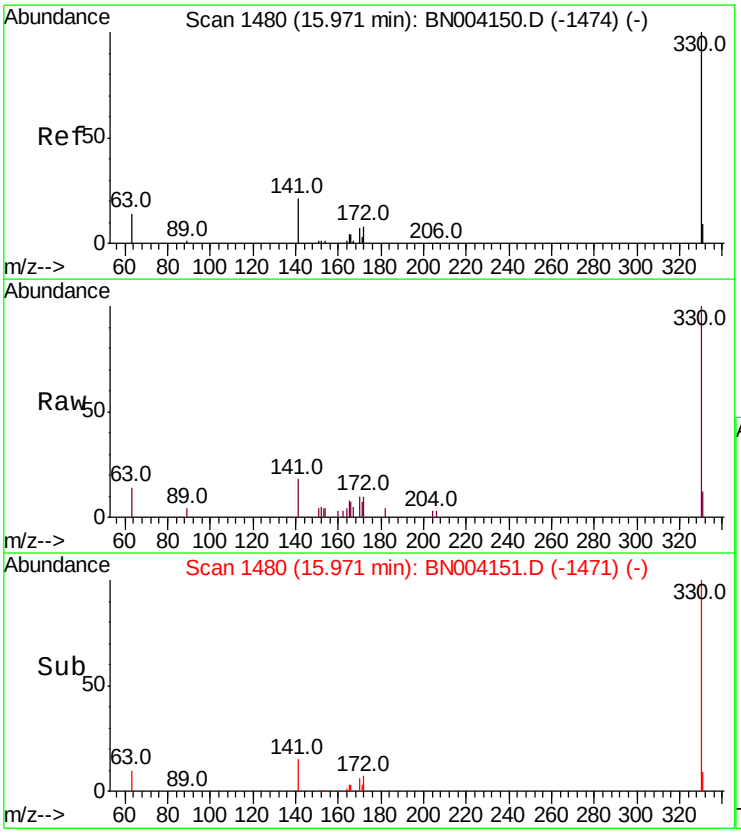
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6166

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	46.2	37.2	55.8

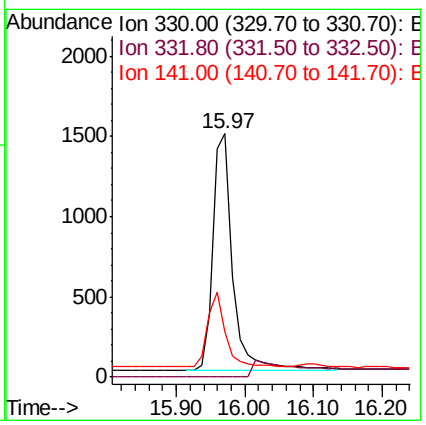


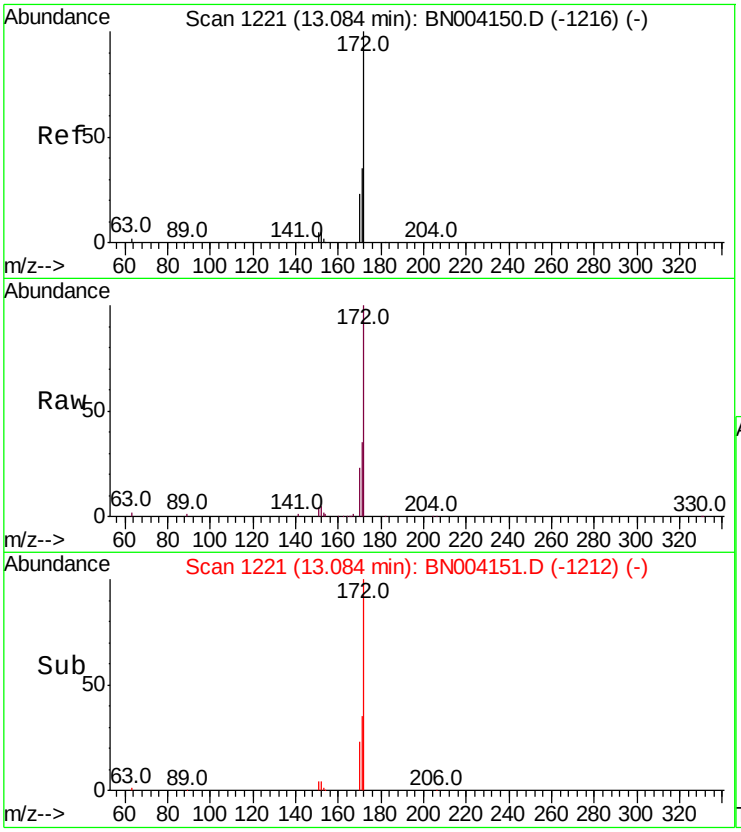


#14
2,4,6-Tribromophenol
Concen: 1.157 ng
RT: 15.97 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:330 Resp: 2839

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.5	28.3	42.5



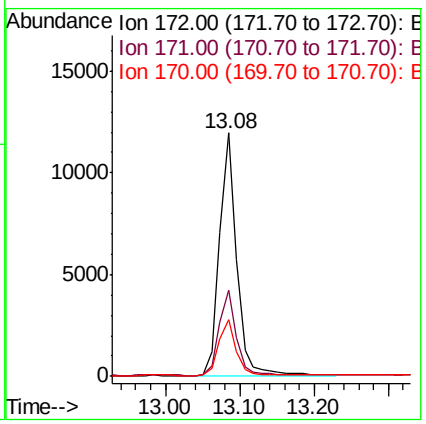


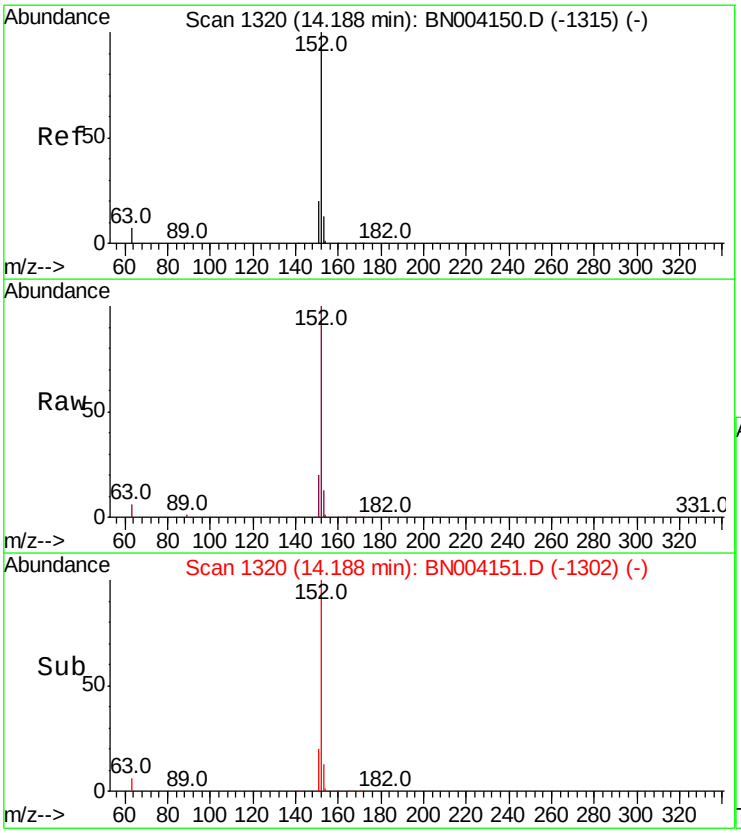
#15
2-Fluorobiphenyl
Concen: 0.722 ng
RT: 13.08 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19152

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.1	40.7
170	23.1	17.4	26.0

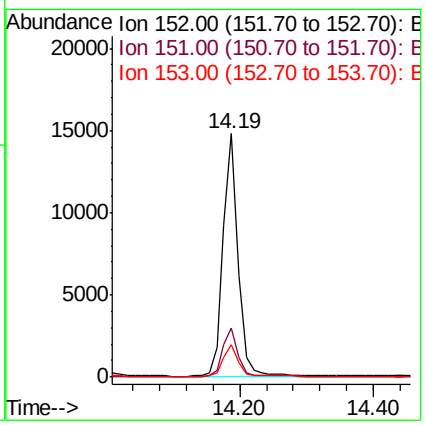


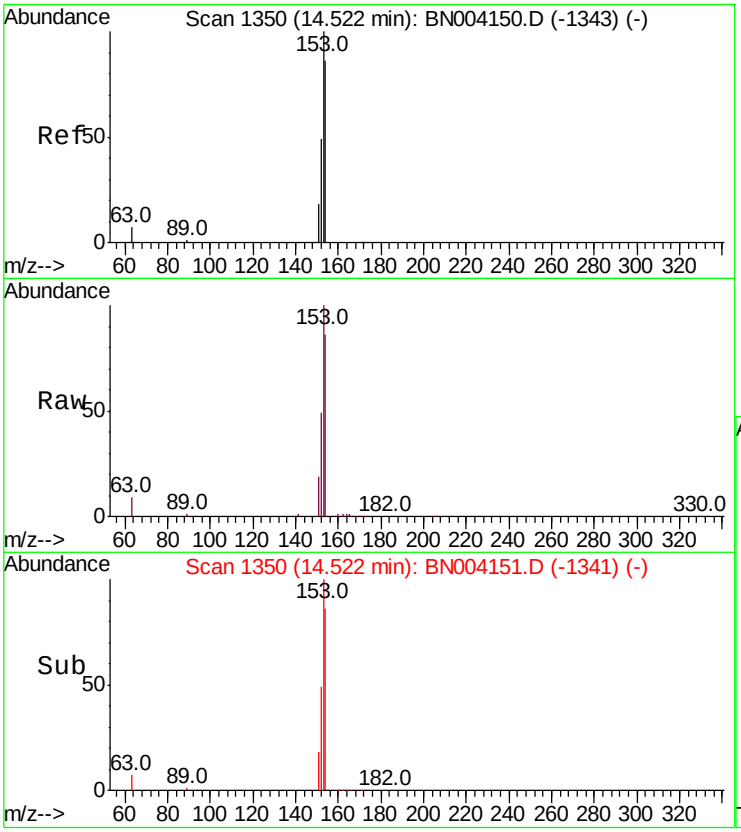


#16
Acenaphthylene
Concen: 0.837 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:152 Resp: 23000

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.6	15.8



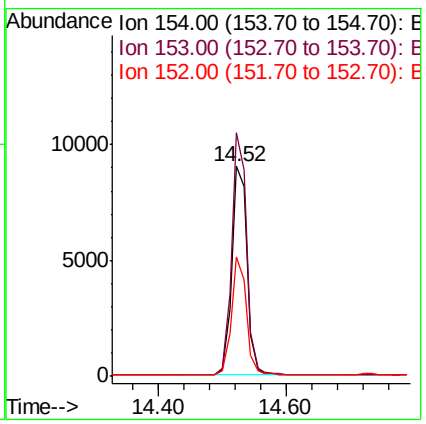


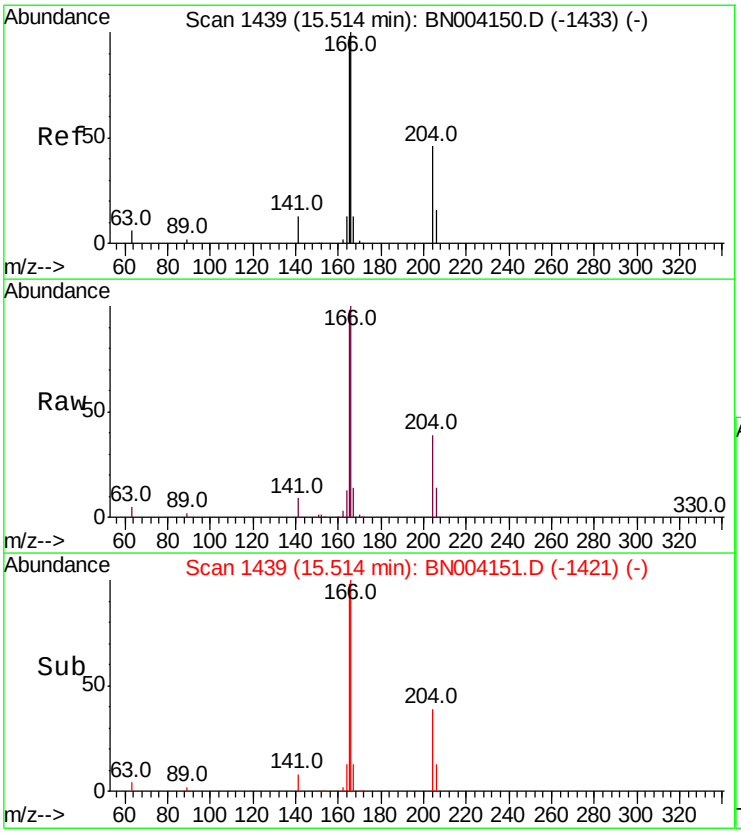
#17
Acenaphthene
Concen: 0.792 ng
RT: 14.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15089

Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.9	133.3
152	54.3	43.5	65.3

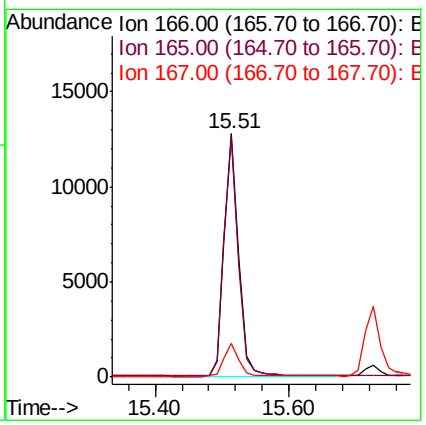


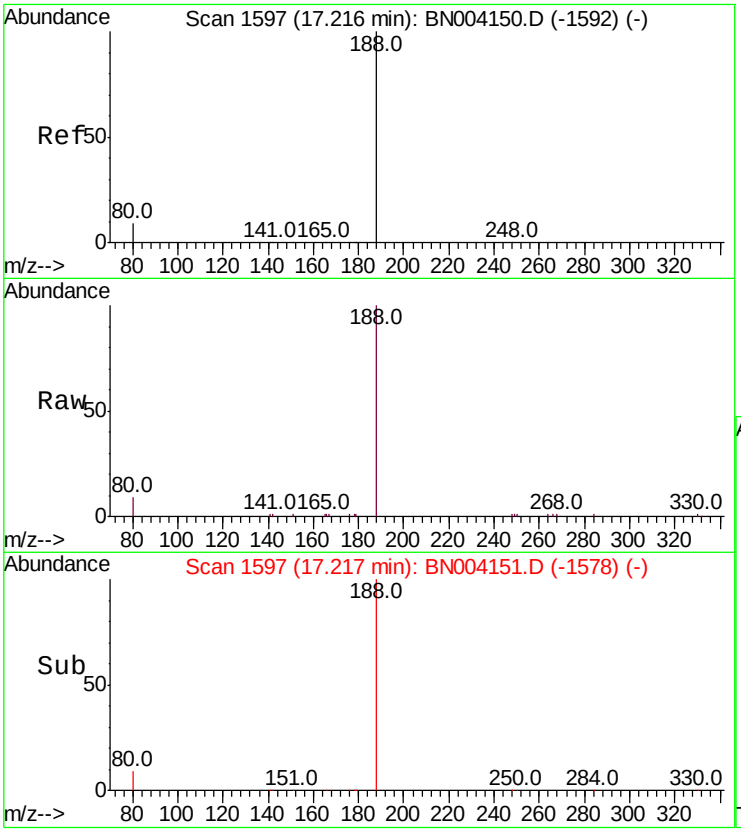


#18
Fluorene
Concen: 0.796 ng
RT: 15.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:166 Resp: 18986

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.7	10.9	16.3



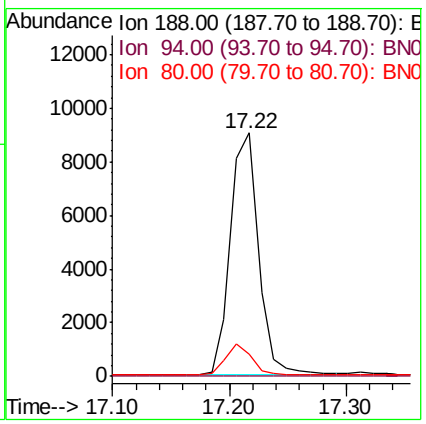


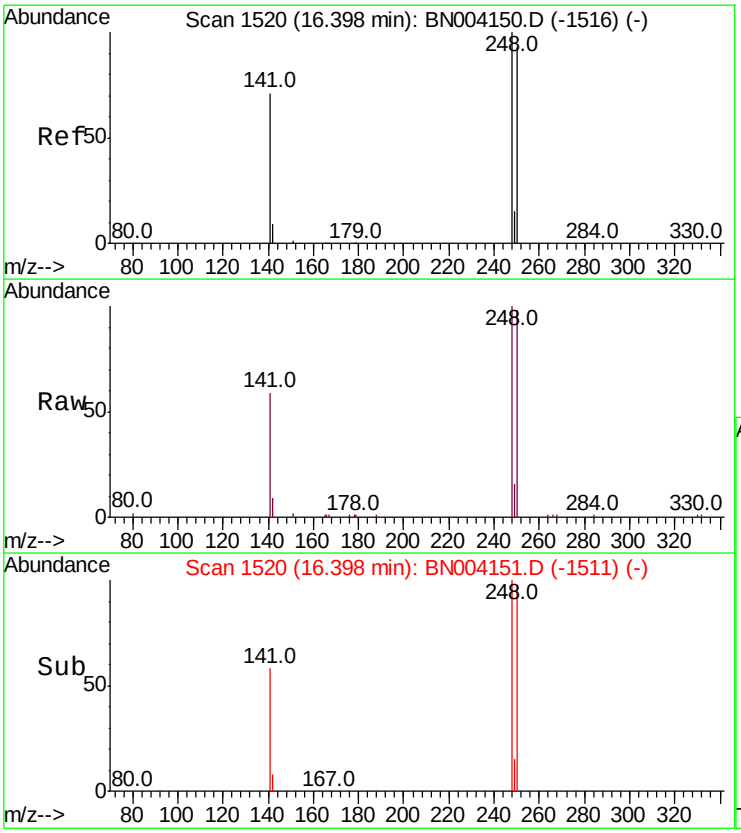
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15064

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	8.6	12.8

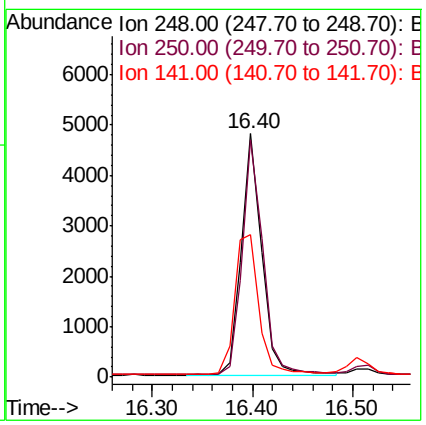


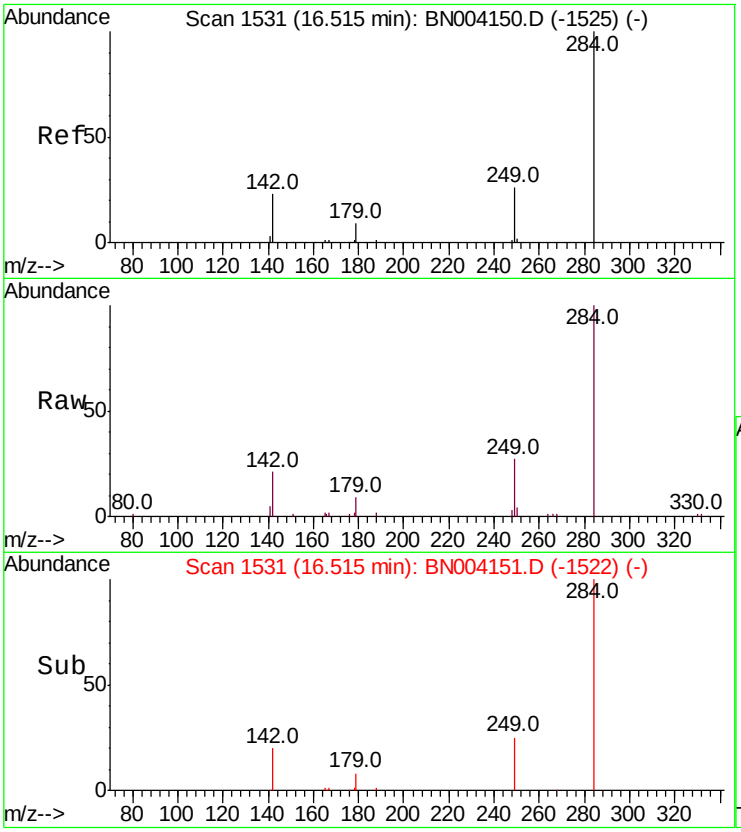


#20
4-Bromophenyl-phenylether
Concen: 0.775 ng
RT: 16.40 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:248 Resp: 6767

Ion	Ratio	Lower	Upper
248	100		
250	97.5	83.7	125.5
141	58.6	31.4	47.0#



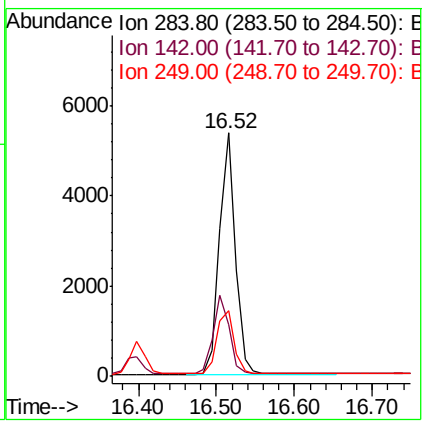


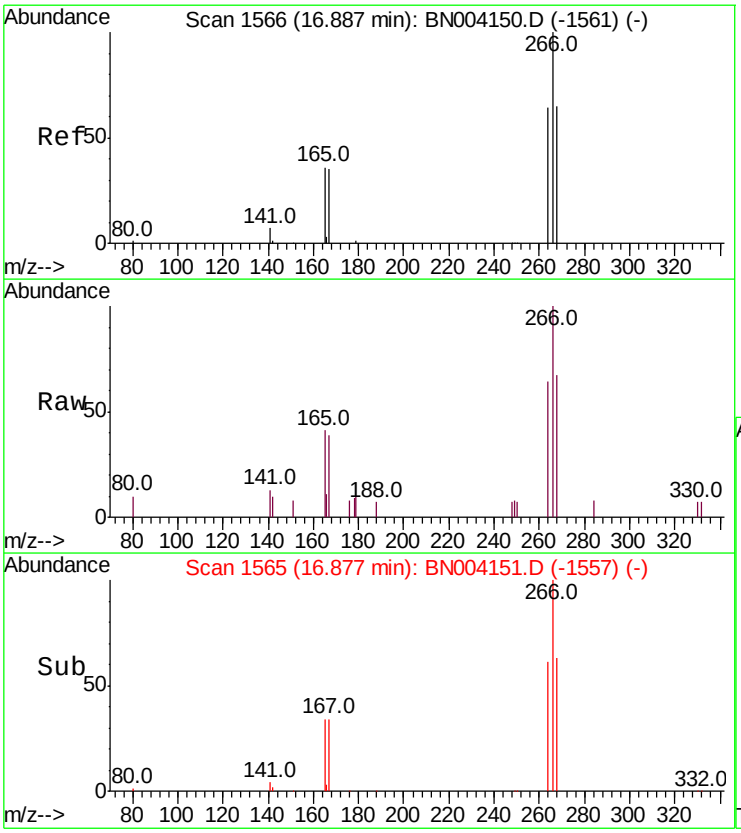
#21
Hexachlorobenzene
Concen: 0.828 ng
RT: 16.52 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7621

Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.7	44.5
249	28.6	24.0	36.0

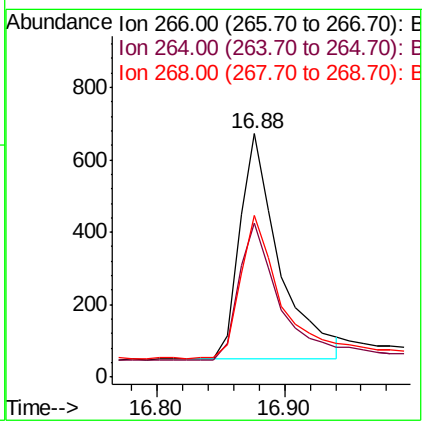


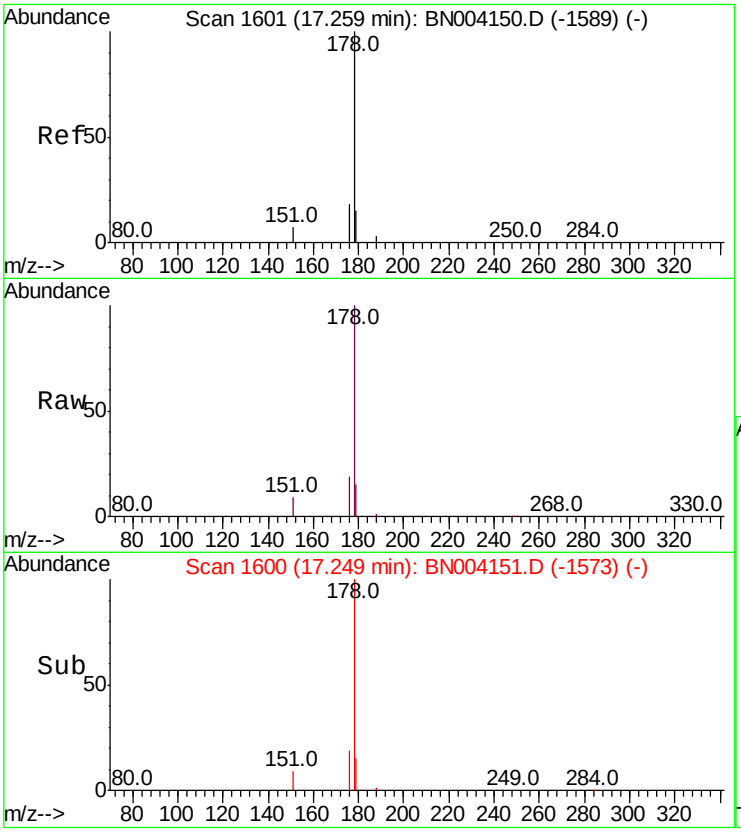


#22
Pentachlorophenol
Concen: 0.540 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:266 Resp: 1346

Ion	Ratio	Lower	Upper
266	100		
264	63.5	52.1	78.1
268	66.5	51.8	77.6



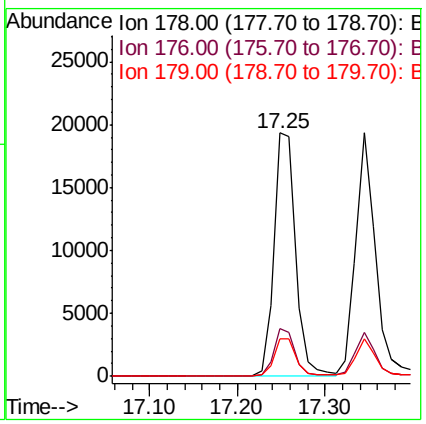


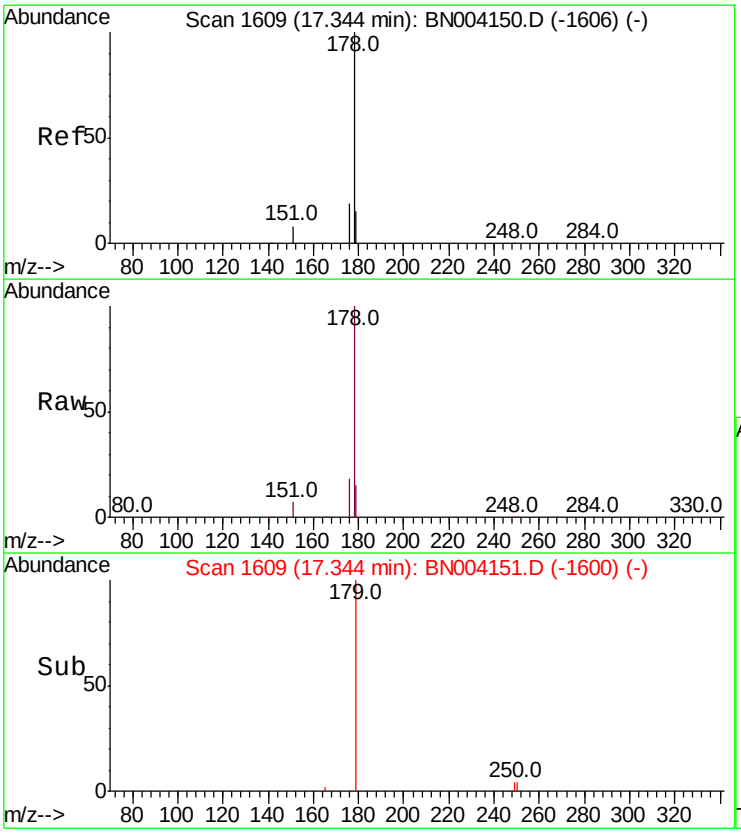
#23
Phenanthrene
Concen: 0.797 ng
RT: 17.25 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32939

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.2	12.4	18.6

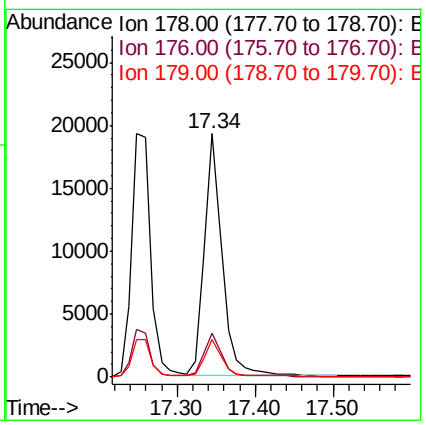


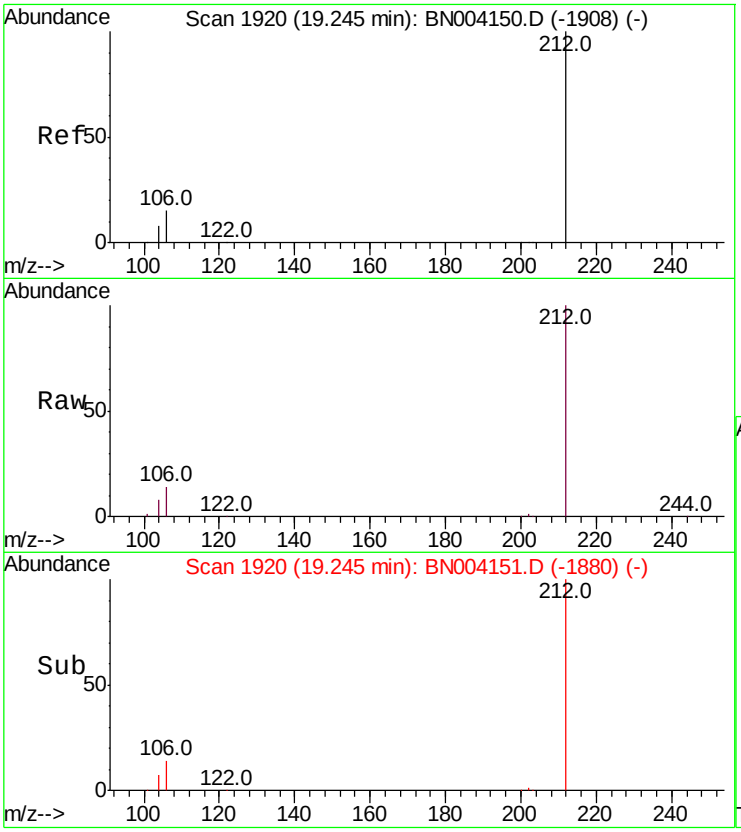


#24
Anthracene
Concen: 0.858 ng
RT: 17.34 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:178 Resp: 30415

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.2	18.4



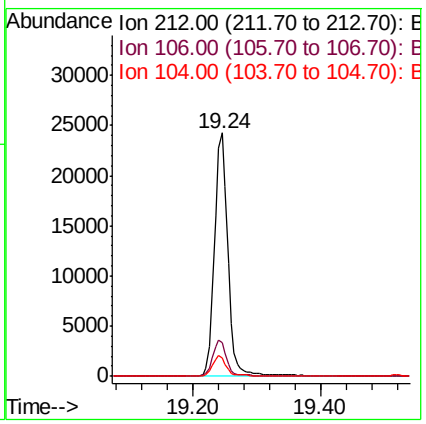


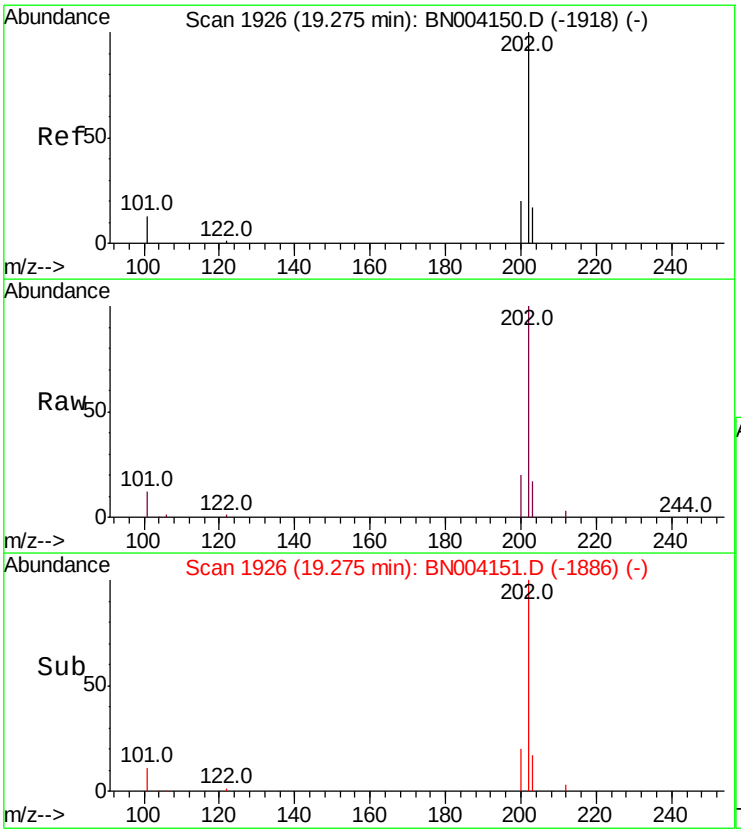
#25
Fluoranthene-d10
Concen: 0.804 ng
RT: 19.24 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 35217

Ion	Ratio	Lower	Upper
212	100		
106	14.7	10.3	15.5
104	8.2	5.6	8.4

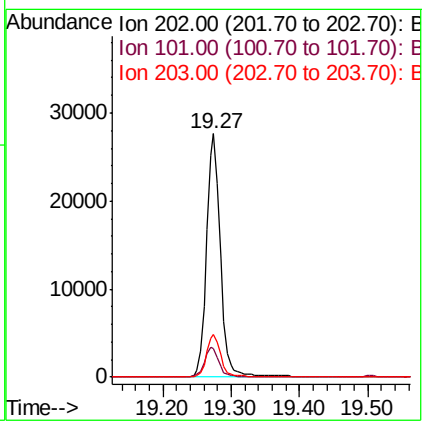


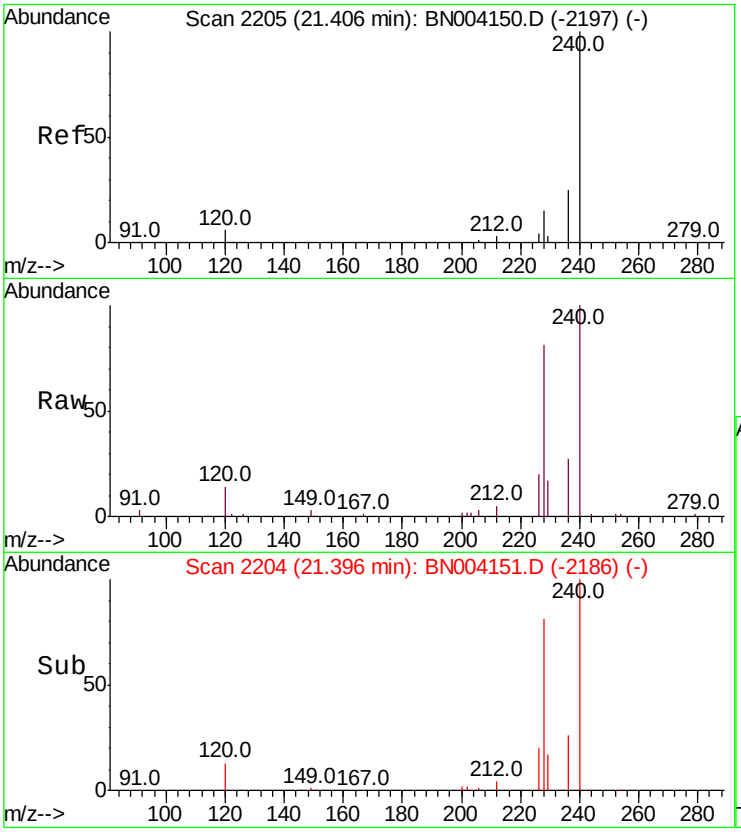


#26
Fluoranthene
Concen: 0.817 ng
RT: 19.27 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:202 Resp: 38762

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.0	13.4
203	17.2	13.8	20.6



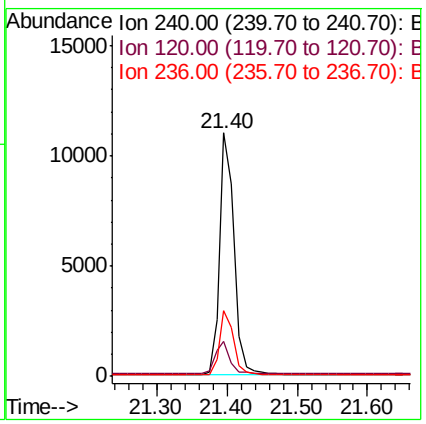


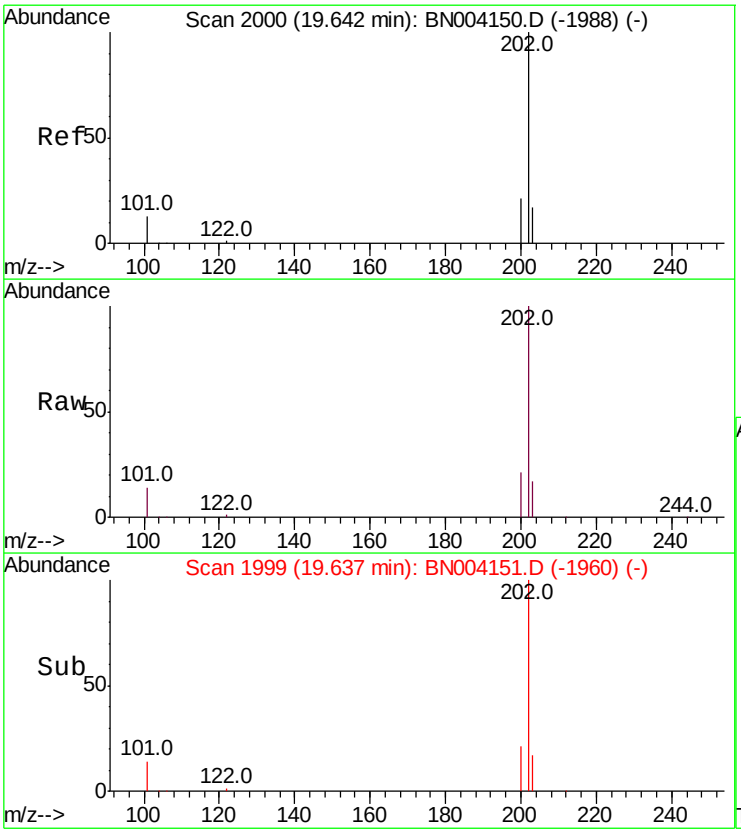
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 15953

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.3	13.9#
236	27.0	21.0	31.4

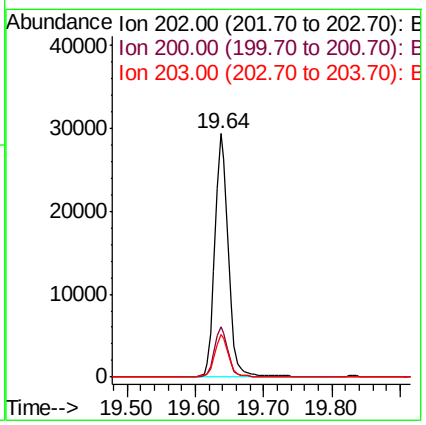


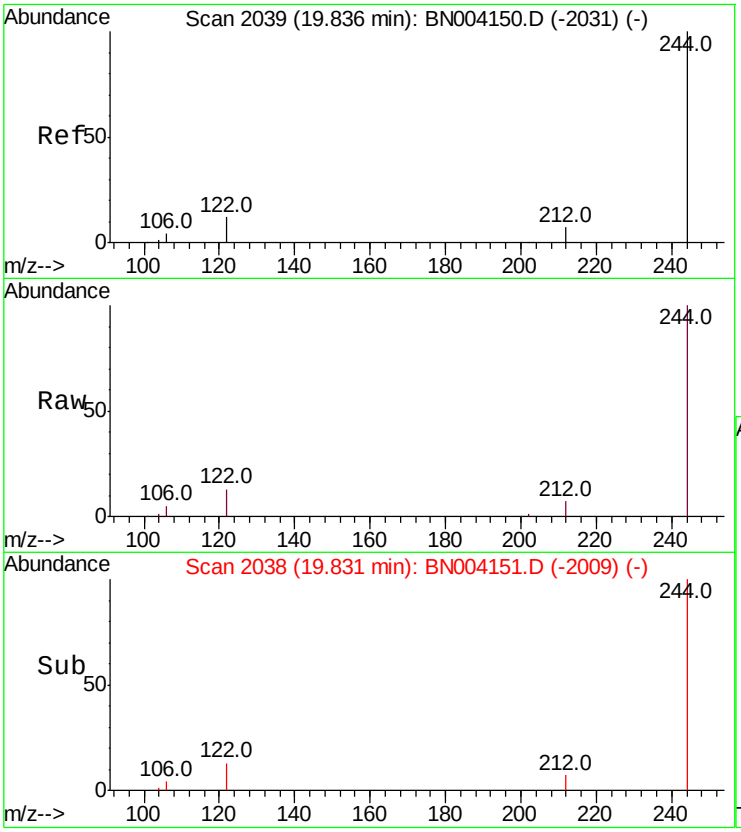


#28
Pyrene
Concen: 0.900 ng
RT: 19.64 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:202 Resp: 39689

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



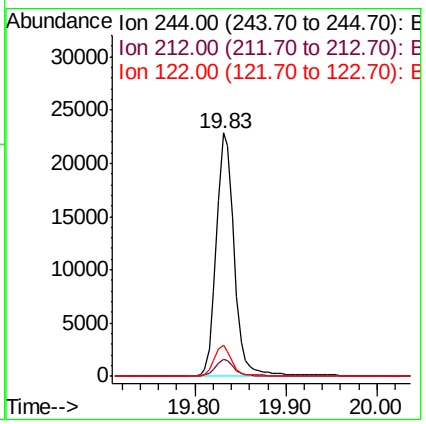


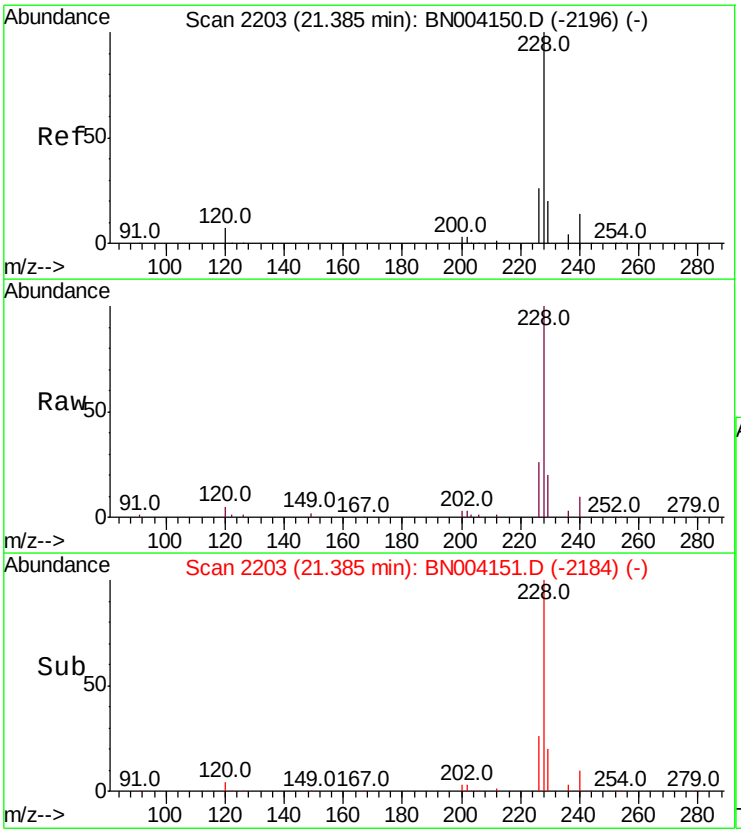
#29
Terphenyl-d14
Concen: 0.830 ng
RT: 19.83 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 30790

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.8	8.5	12.7#

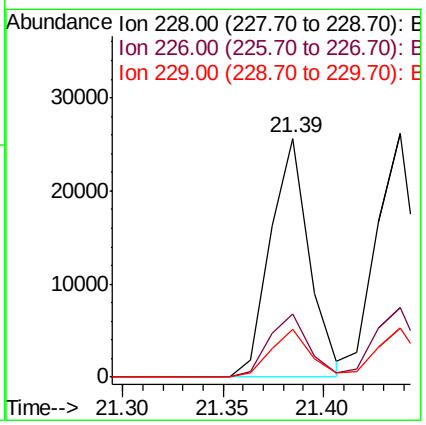


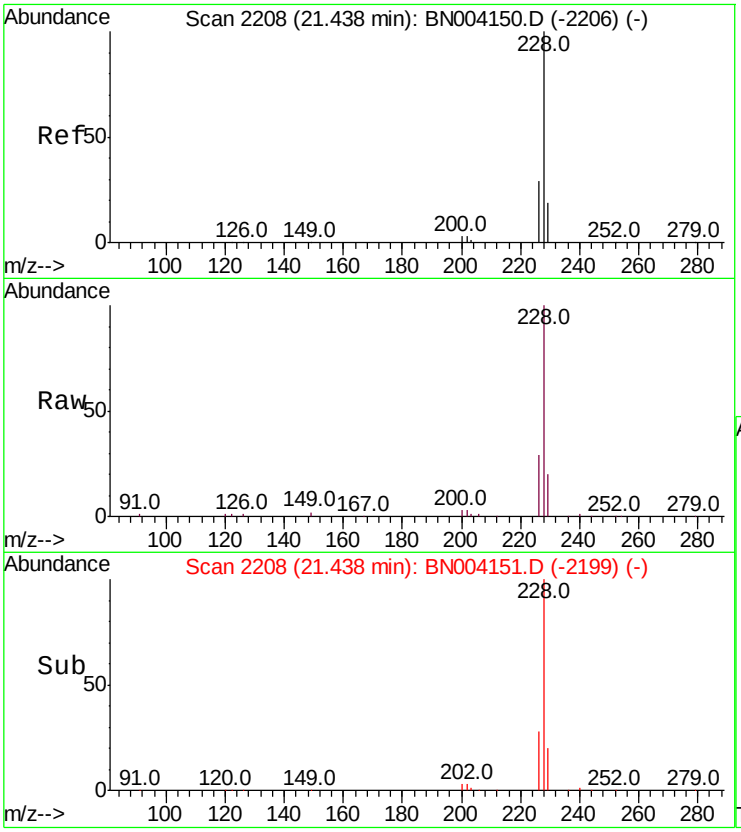


#30
Benzo(a)anthracene
Concen: 0.827 ng
RT: 21.39 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:228 Resp: 34561

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.8	31.2
229	20.0	16.1	24.1



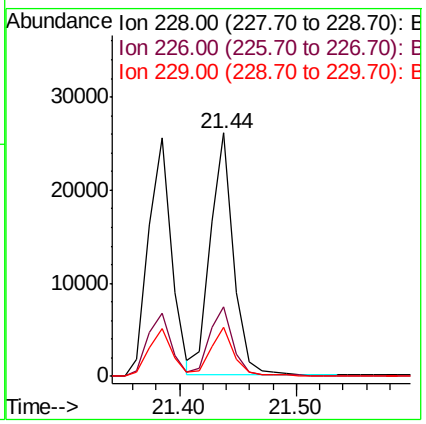


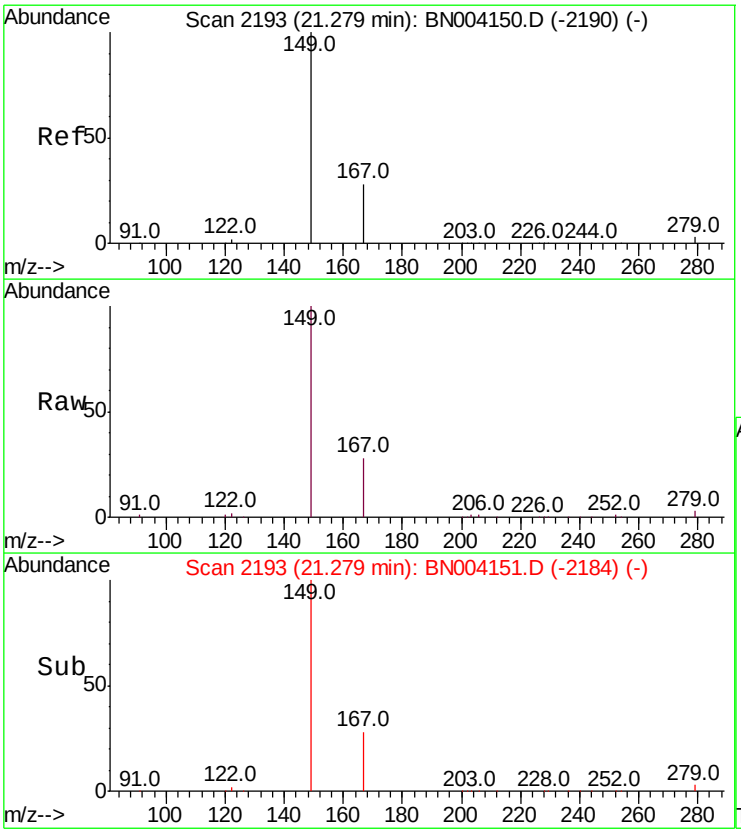
#31
Chrysene
Concen: 0.799 ng
RT: 21.44 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 36052

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.2	16.0	24.0

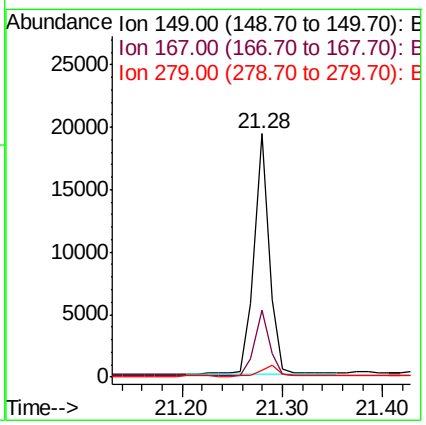


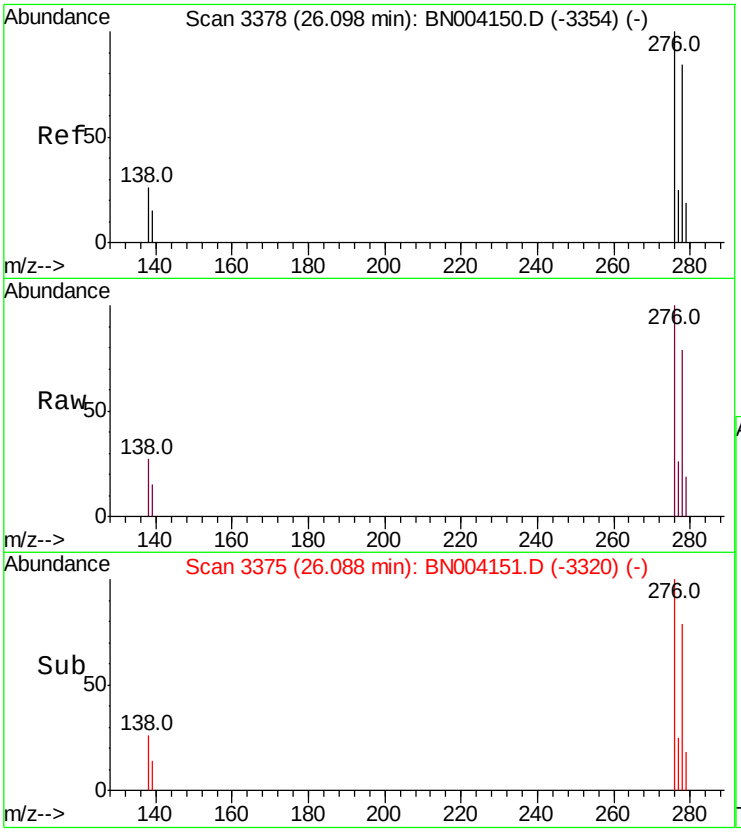


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.627 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:149 Resp: 20126

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	5.0	3.9	5.9



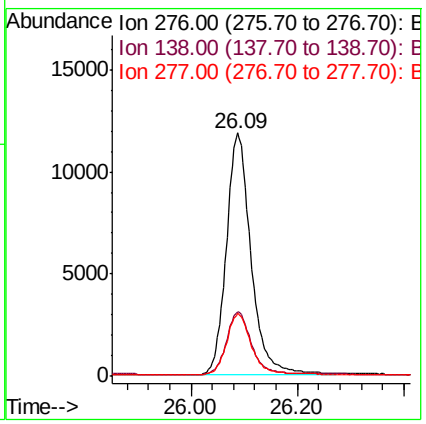


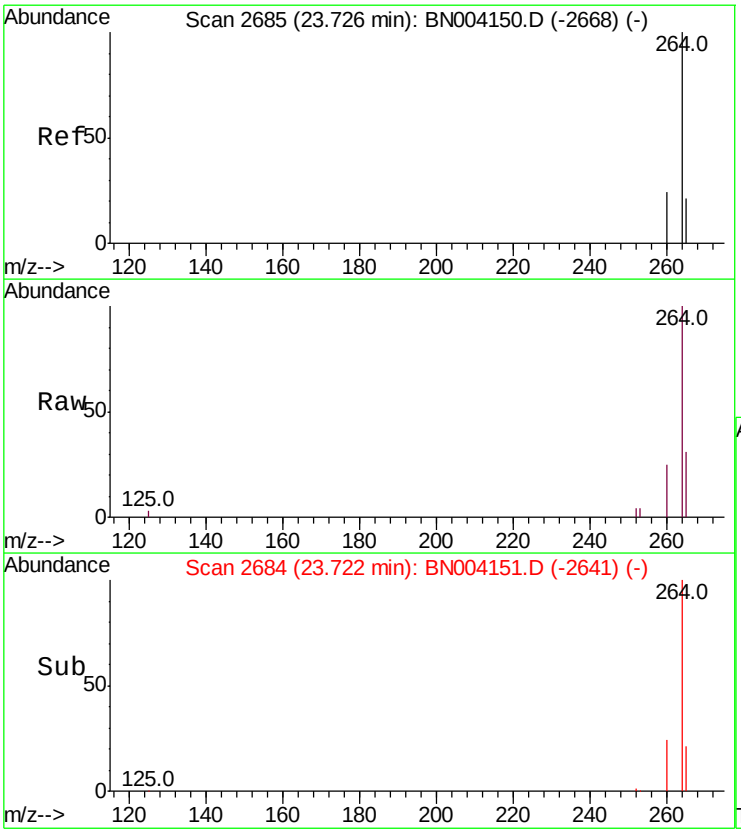
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.817 ng
RT: 26.09 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38143

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.6	30.8
277	25.4	20.0	30.0

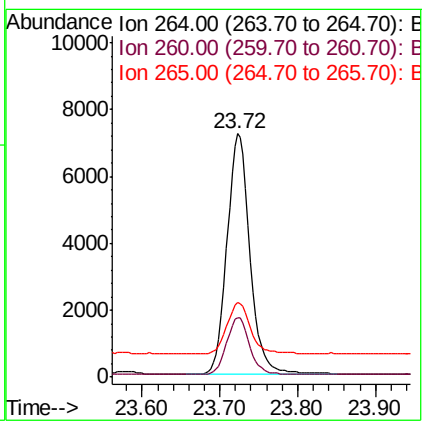


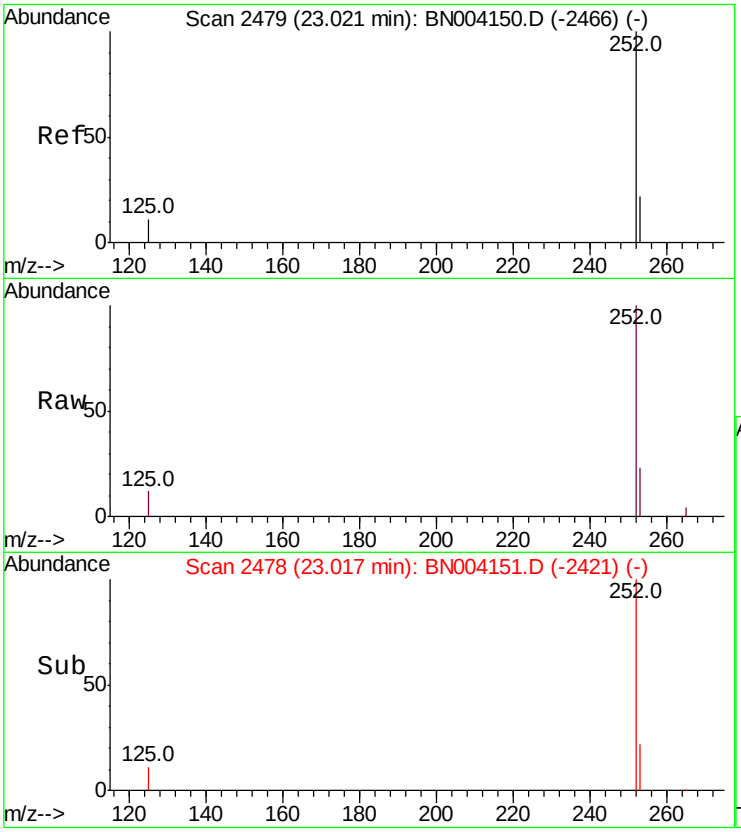


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2684
Delta R.T. -0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:264 Resp: 14738

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	30.7	26.4	39.6



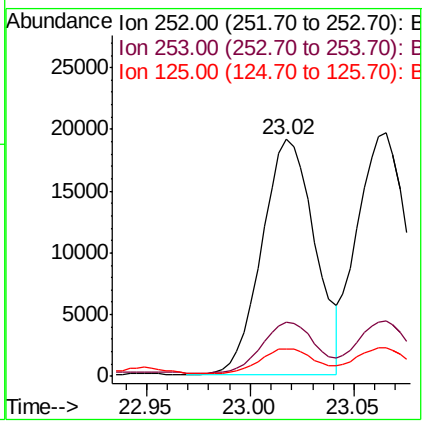


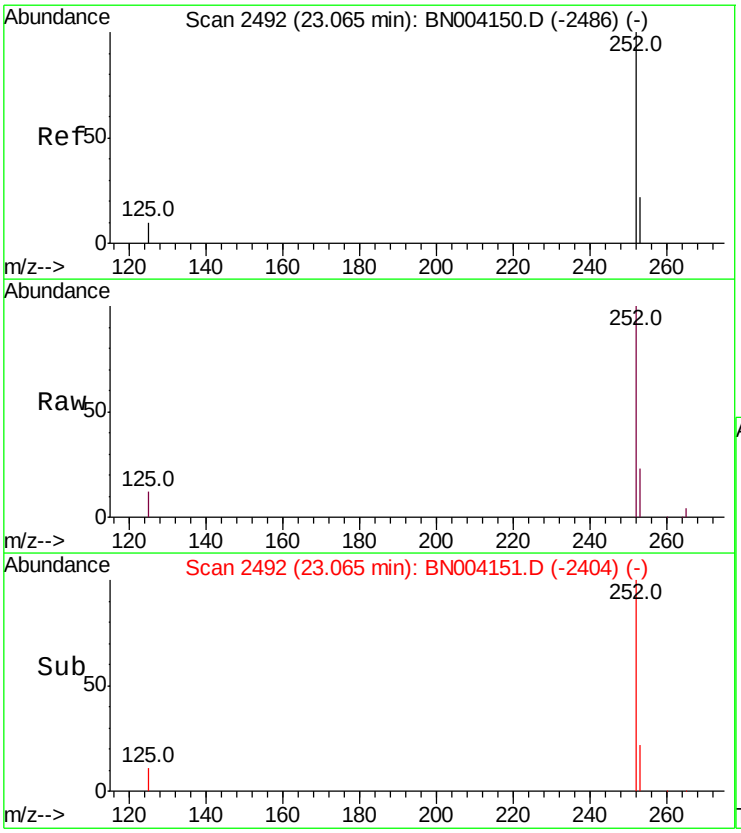
#35
Benzo(b)fluoranthene
Concen: 0.736 ng
RT: 23.02 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 33822

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.3	28.9
125	11.7	12.7	19.1#

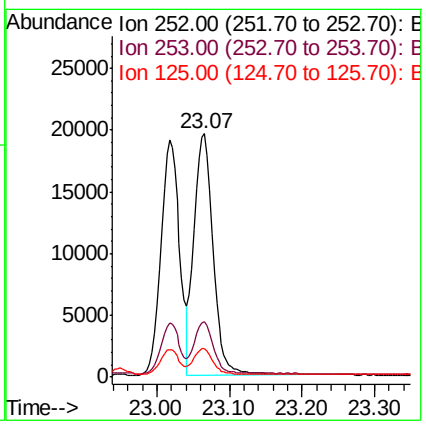


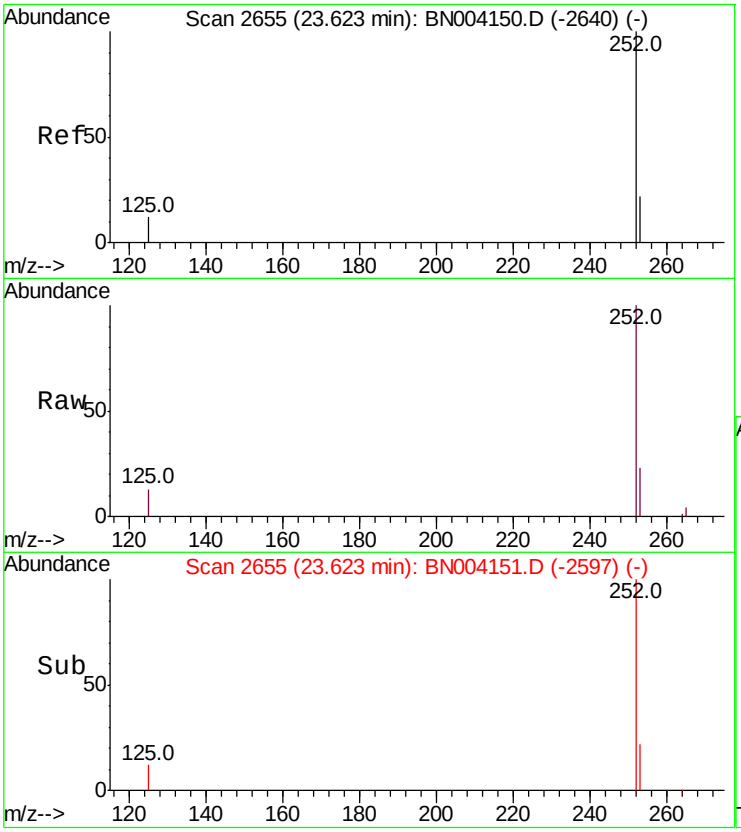


#36
Benzo(k)fluoranthene
Concen: 0.774 ng
RT: 23.07 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:252 Resp: 35258

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	11.7	9.1	13.7



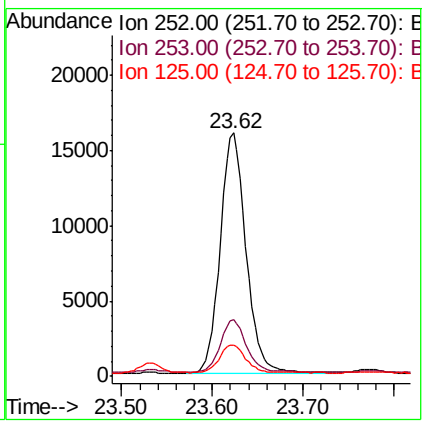


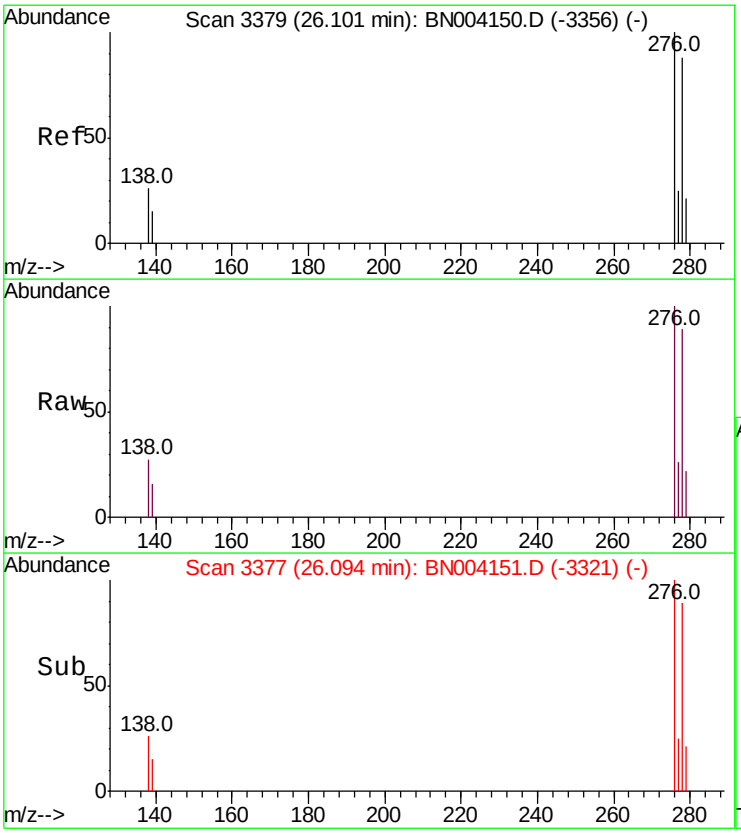
#37
Benzo(a)pyrene
Concen: 0.761 ng
RT: 23.62 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31863

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.1	30.1
125	13.0	16.0	24.0#

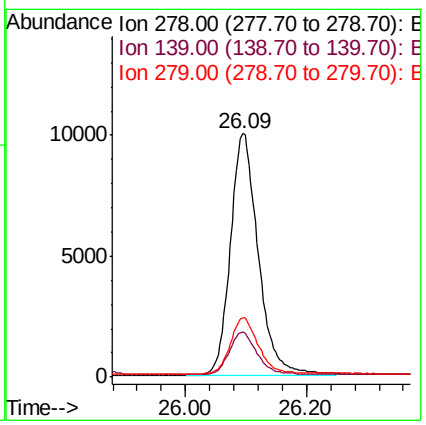


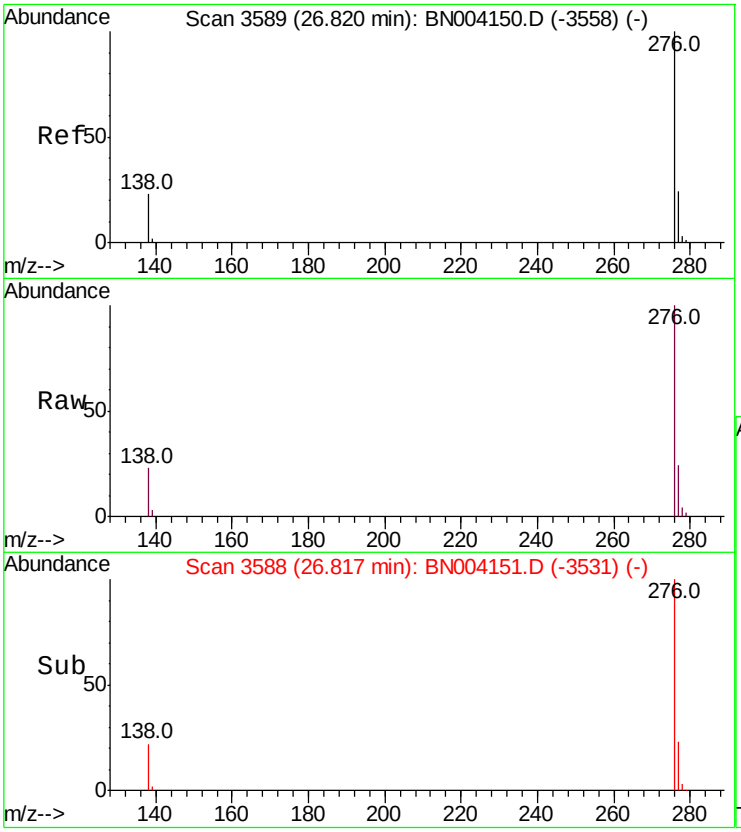


#38
Dibenzo(a,h)anthracene
Concen: 0.818 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Tgt Ion:278 Resp: 31895

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.5	20.3
279	24.6	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.806 ng
RT: 26.82 min Scan# 3588
Delta R.T. -0.00 min
Lab File: BN004151.D
Acq: 20 Dec 2018 15:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 31419

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	23.3	17.4	26.2