Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004152.D
Acq On : 20 Dec 2018 16:13
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 20 16:46:58 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	1804	0.40	ng		0.00
7) Naphthalene-d8	10.62	136	9630	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	6172	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	15355	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	16682	0.40	ng		-0.01
34) Perylene-d12	23.72	264	15225	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	7938	1.78	ng		0.00
5) Phenol-d6	6.99	99	11194	1.98	ng		0.00
8) Nitrobenzene-d5	9.00	82	9969	2.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	25603	1.63	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	5763	2.35	ng		-0.01
15) 2-Fluorobiphenyl	13.08	172	36165	1.36	ng		0.00
25) Fluoranthene-d10	19.24	212	72721	1.63	ng		0.00
29) Terphenyl-d14	19.83	244	64172	1.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2480	1.061	ng		97
3) n-Nitrosodimethylamine	3.67	42	1600	1.488	ng		83
6) bis(2-Chloroethyl)ether	7.26	93	8614	1.711	ng		100
9) Naphthalene	10.67	128	37297	1.583	ng		99
10) Hexachlorobutadiene	10.93	225	6360	1.478	ng	#	100
12) 2-Methylnaphthalene	12.28	142	27626	1.678	ng		99
16) Acenaphthylene	14.19	152	47230	1.717	ng		100
17) Acenaphthene	14.52	154	29862	1.566	ng		98
18) Fluorene	15.51	166	38561	1.616	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	13712	1.542	ng	#	93
21) Hexachlorobenzene	16.52	284	14968	1.596	ng		95
22) Pentachlorophenol	16.87	266	3209	1.263	ng		100
23) Phenanthrene	17.25	178	66427	1.577	ng		100
24) Anthracene	17.34	178	62891	1.741	ng		100
26) Fluoranthene	19.27	202	80153	1.657	ng		98
28) Pyrene	19.64	202	81086	1.758	ng		100
30) Benzo(a)anthracene	21.39	228	72589	1.660	ng		100
31) Chrysene	21.44	228	74345	1.577	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	42781	3.307	ng		100
33) Indeno(1,2,3-cd)pyrene	26.08	276	77838	1.595	ng		100
35) Benzo(b)fluoranthene	23.02	252	69752	1.468	ng	#	93
36) Benzo(k)fluoranthene	23.07	252	71842	1.527	ng		99
37) Benzo(a)pyrene	23.62	252	65195	1.508	ng	#	90
38) Dibenzo(a,h)anthracene	26.09	278	65286	1.621	ng		99
39) Benzo(g,h,i)perylene	26.82	276	63802	1.584	ng		99

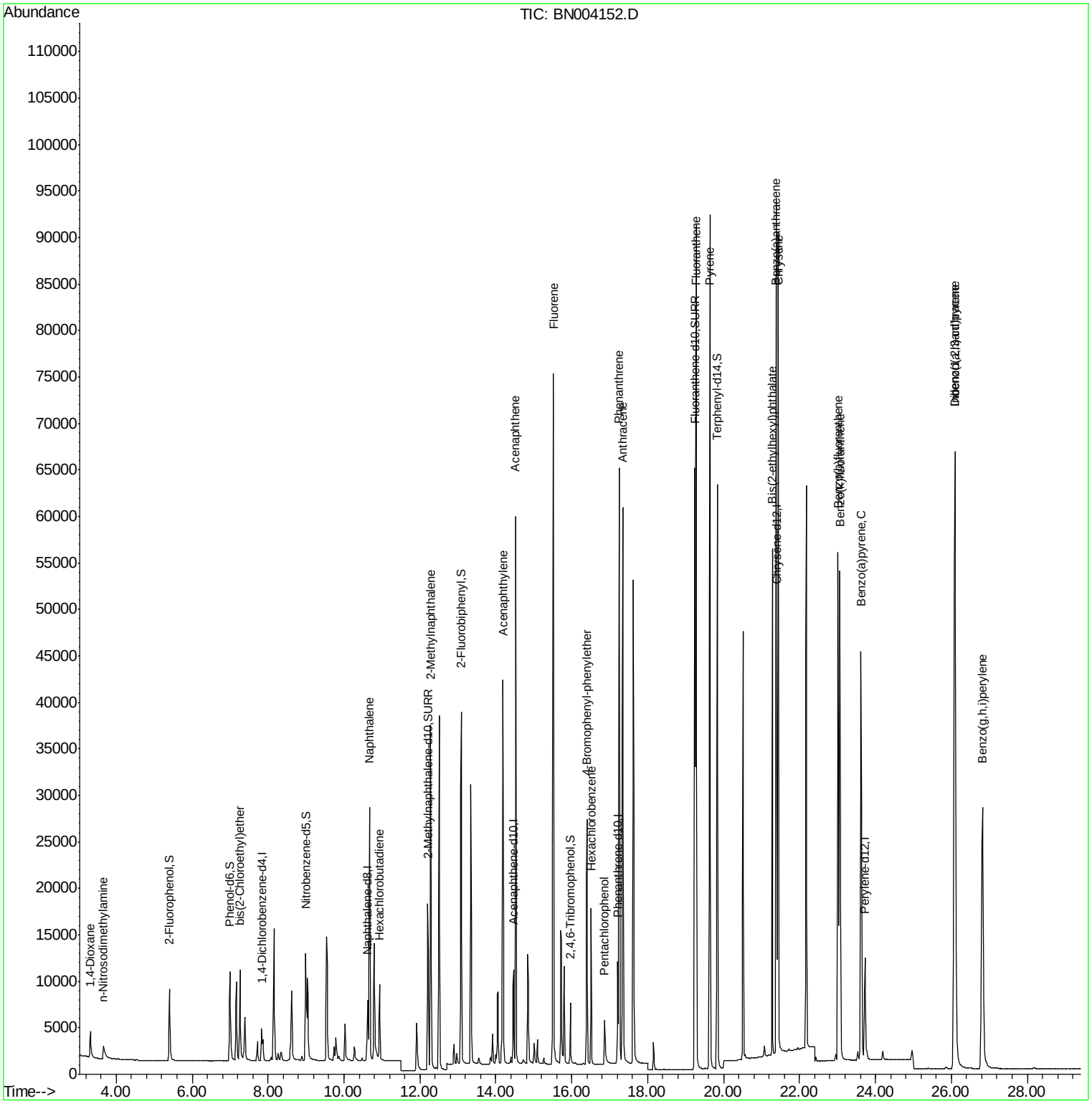
(#) = qualifier out of range (m) = manual integration (+) = signals summed

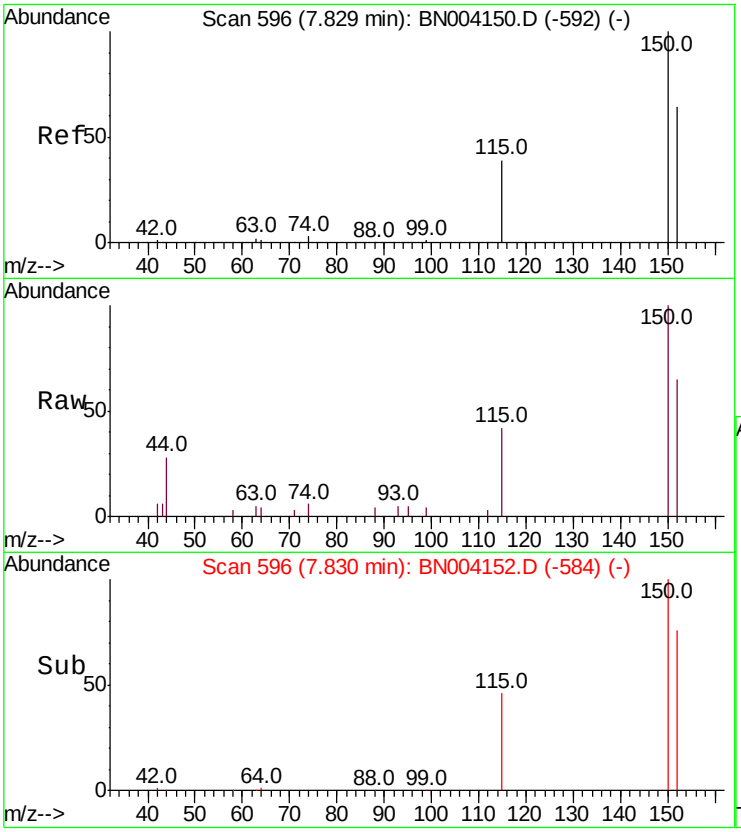
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004152.D
Acq On : 20 Dec 2018 16:13
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 16:46:58 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



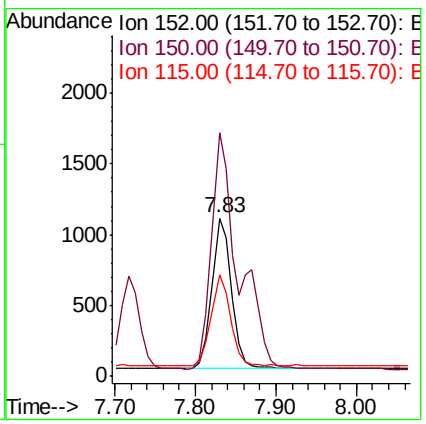


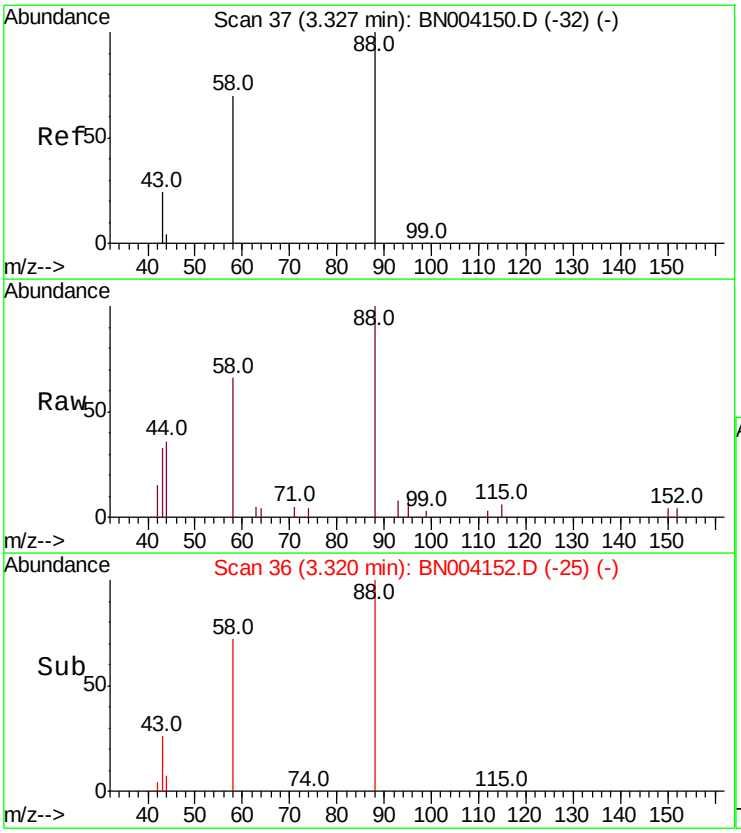
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 596
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1804

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	187.0
115	64.1	46.4	69.6

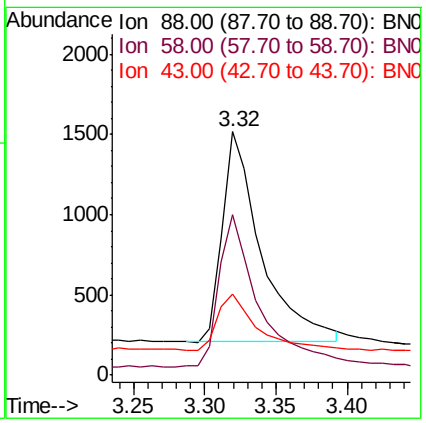


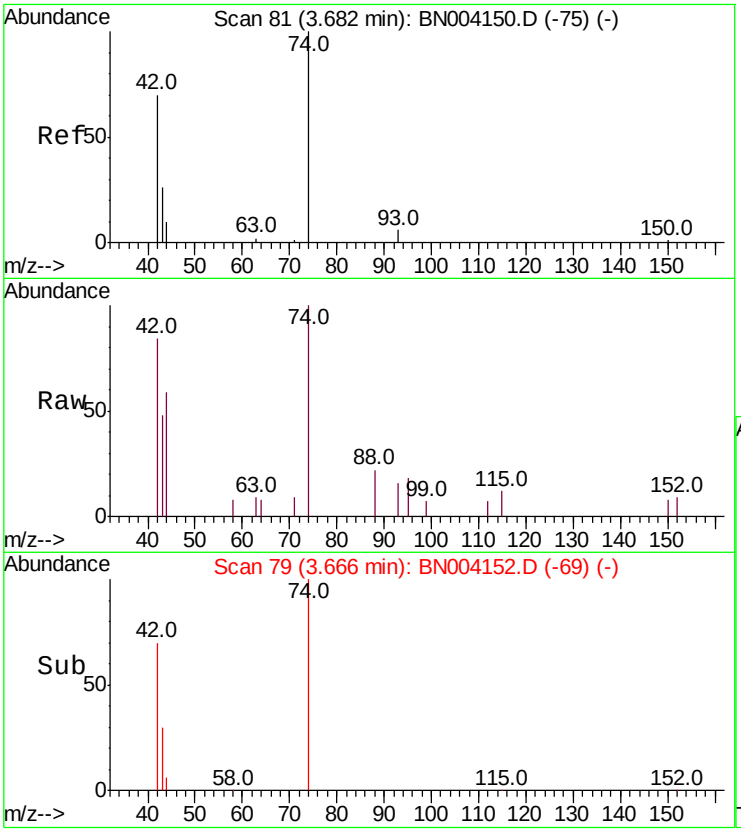


#2
1,4-Dioxane
Concen: 1.061 ng
RT: 3.32 min Scan# 36
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion: 88 Resp: 2480

Ion	Ratio	Lower	Upper
88	100		
58	74.0	60.9	91.3
43	27.1	23.9	35.9



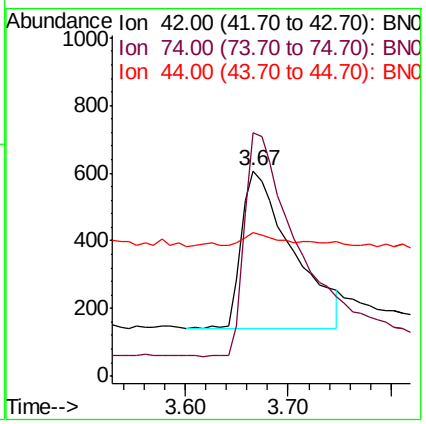


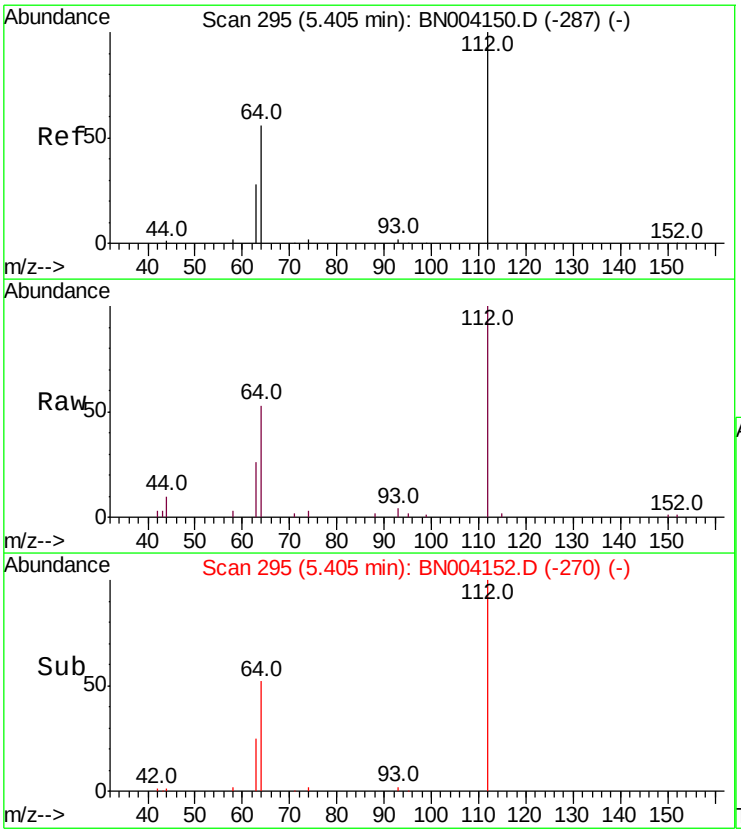
#3
n-Nitrosodimethylamine
Concen: 1.488 ng
RT: 3.67 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1600

Ion	Ratio	Lower	Upper
42	100		
74	144.3	99.1	148.7
44	5.9	4.2	6.4

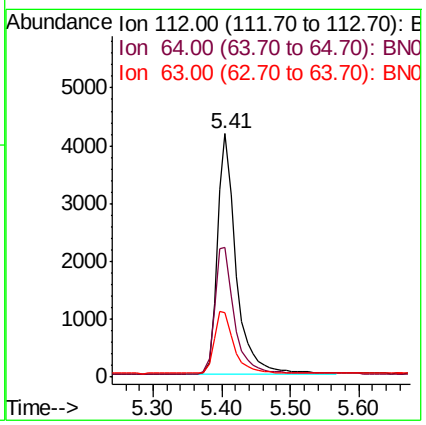


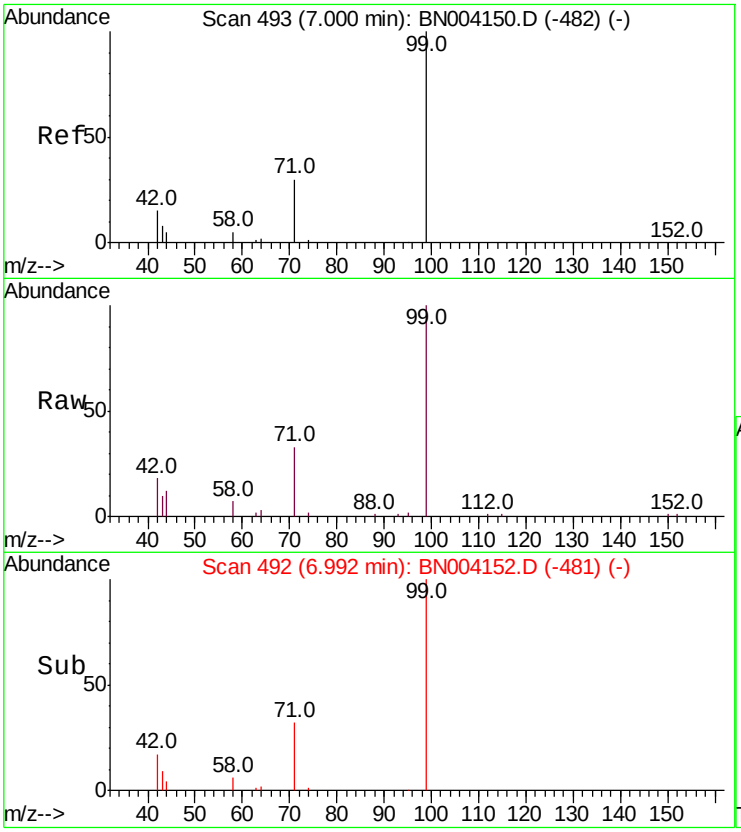


#4
2-Fluorophenol
Concen: 1.777 ng
RT: 5.41 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:112 Resp: 7938

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.3	66.5
63	27.6	22.4	33.6



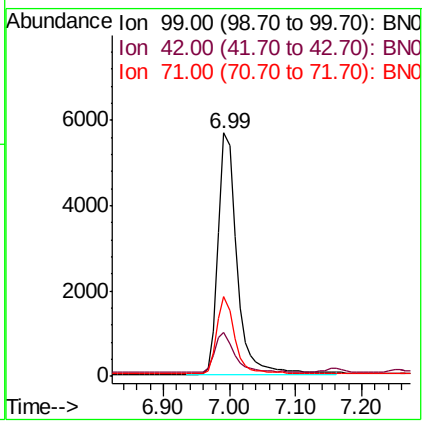


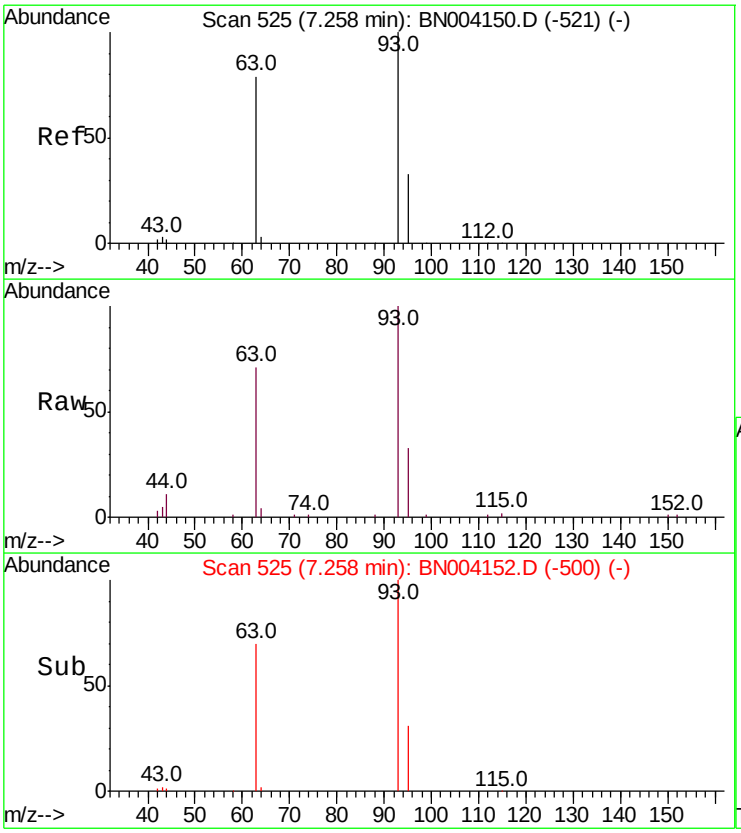
#5
Phenol-d6
Concen: 1.985 ng
RT: 6.99 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 11194

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

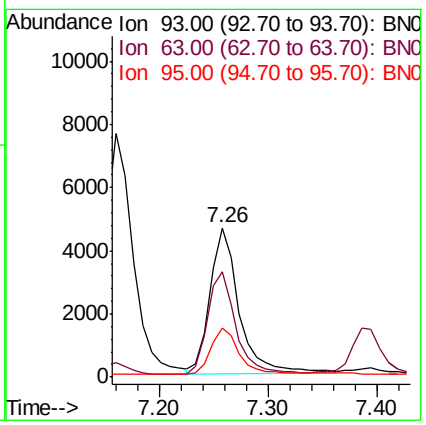


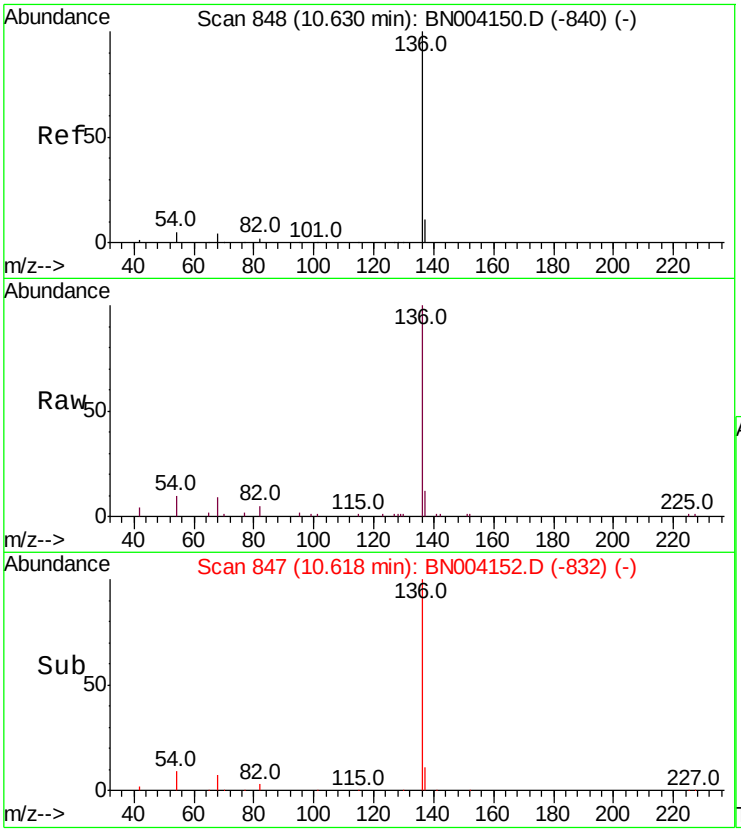


#6
bis(2-Chloroethyl)ether
Concen: 1.711 ng
RT: 7.26 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion: 93 Resp: 8614

Ion	Ratio	Lower	Upper
93	100		
63	69.8	55.8	83.6
95	31.2	25.4	38.2



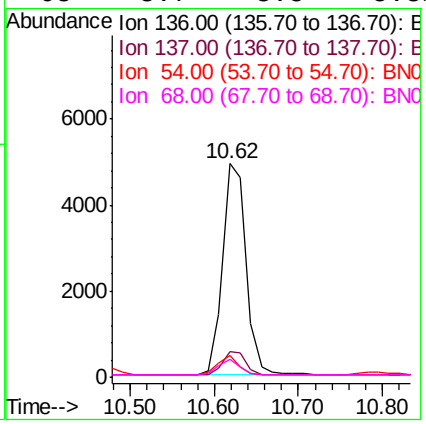


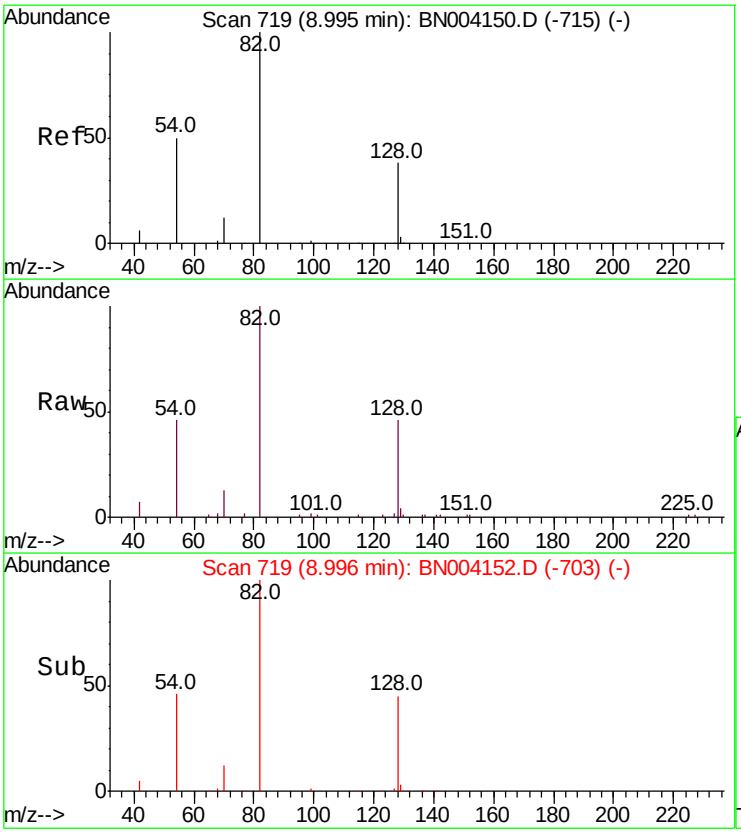
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.62 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9630

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.1	4.1	6.1#
68	8.7	3.5	5.3#

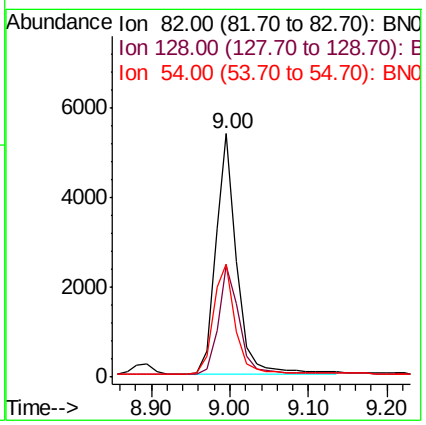


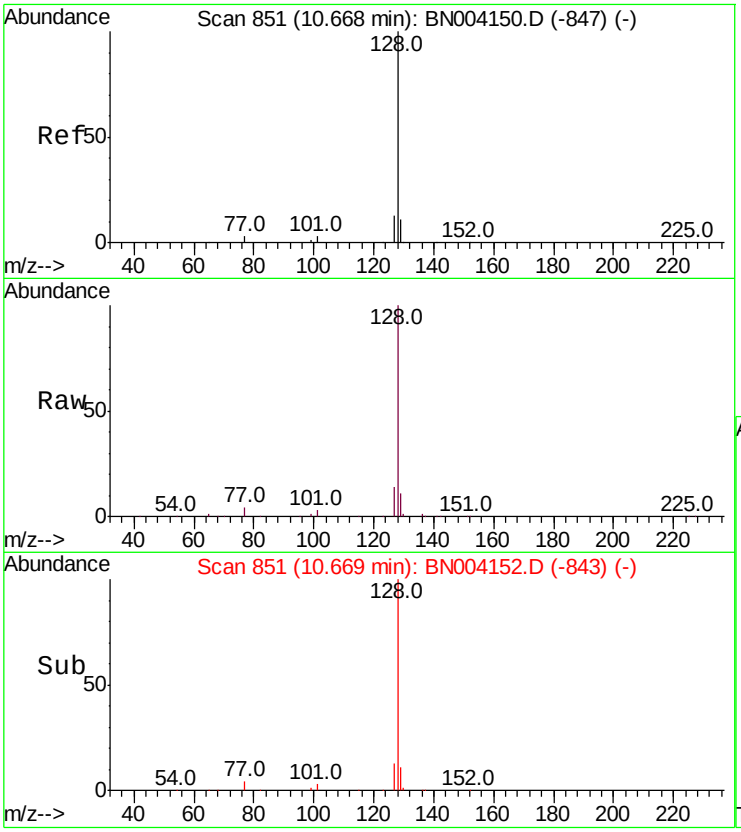


#8
Nitrobenzene-d5
Concen: 2.364 ng
RT: 9.00 min Scan# 719
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion: 82 Resp: 9969

Ion	Ratio	Lower	Upper
82	100		
128	45.8	28.9	43.3#
54	46.4	46.1	69.1



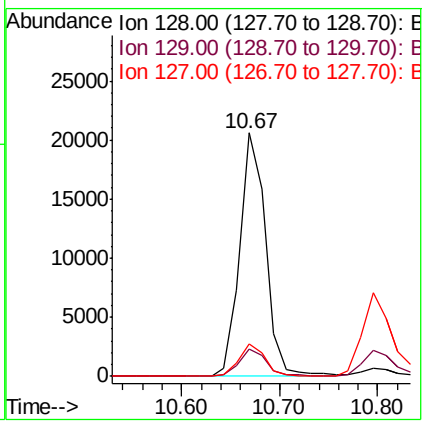


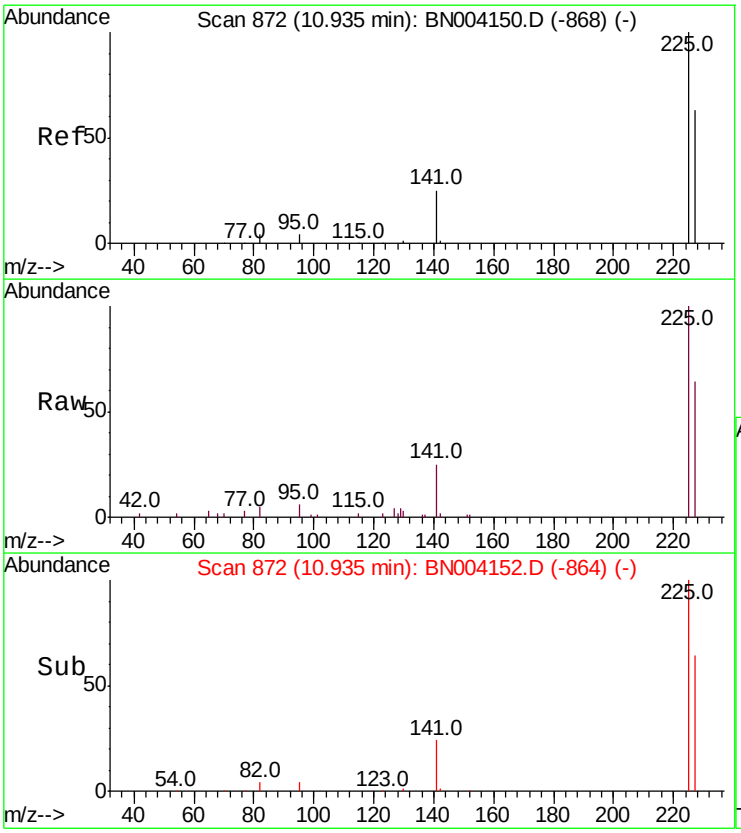
#9
Naphthalene
Concen: 1.583 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 37297

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.5	10.2	15.4

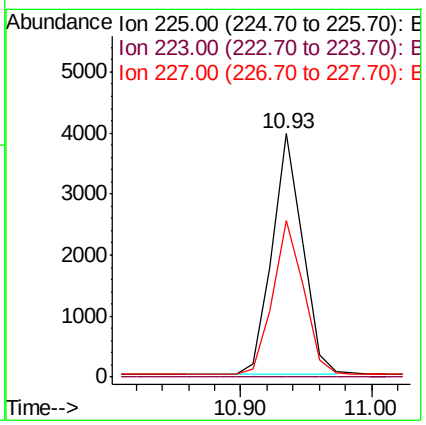


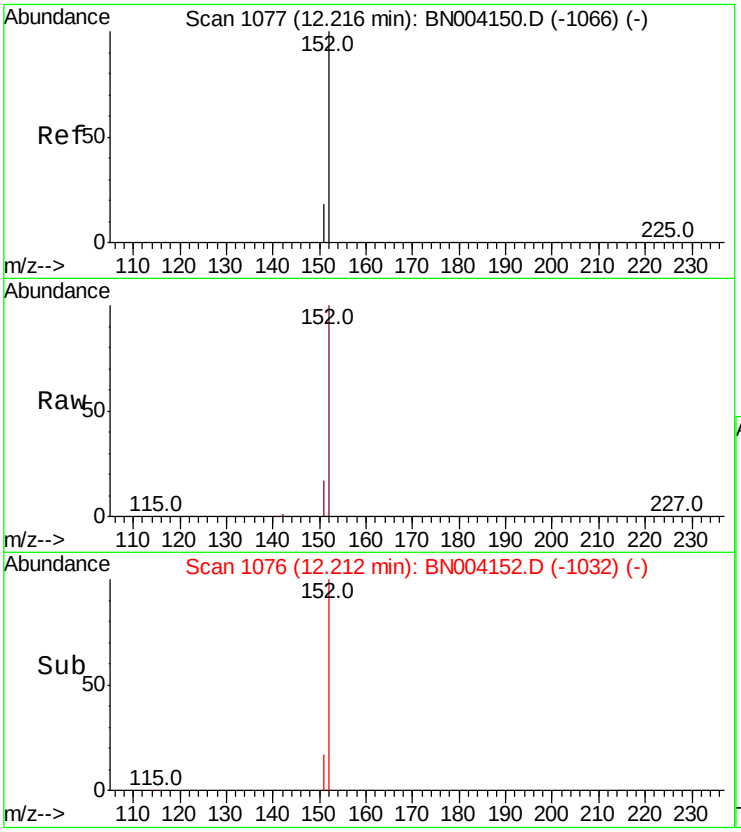


#10
Hexachlorobutadiene
Concen: 1.478 ng
RT: 10.93 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:225 Resp: 6360

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



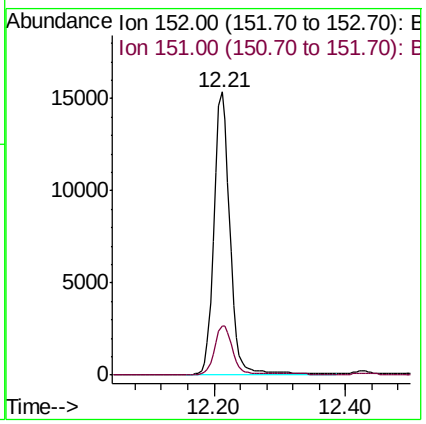


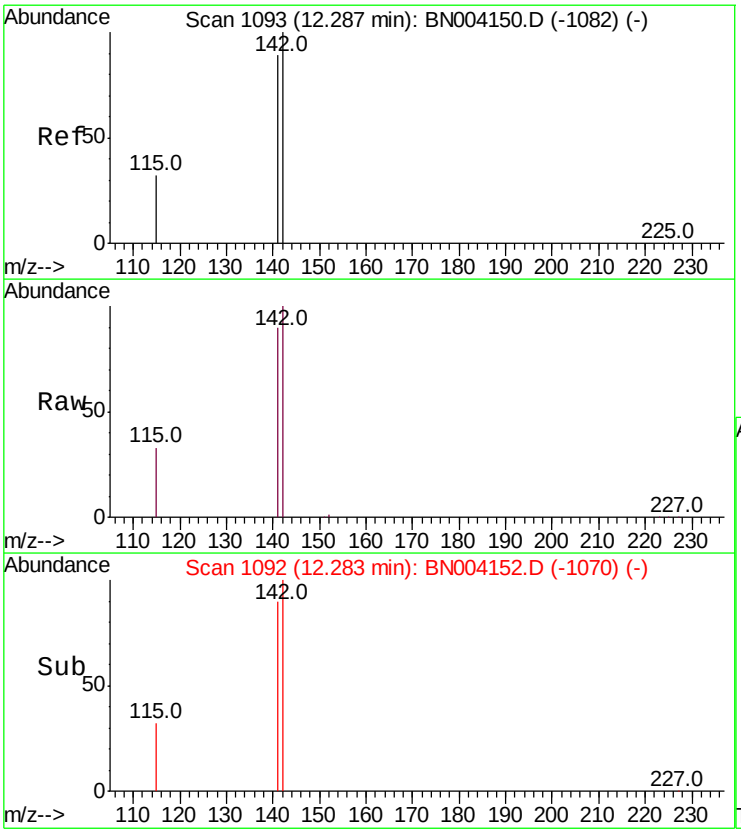
#11
2-Methylnaphthalene-d10
Concen: 1.633 ng
RT: 12.21 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 25603

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

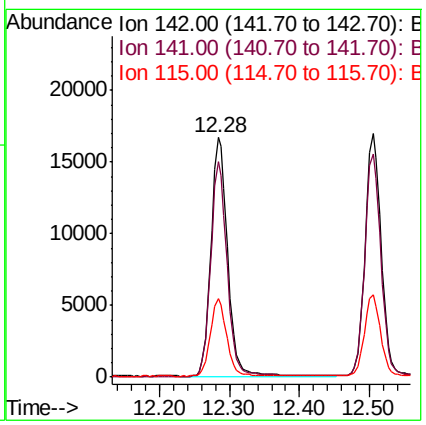


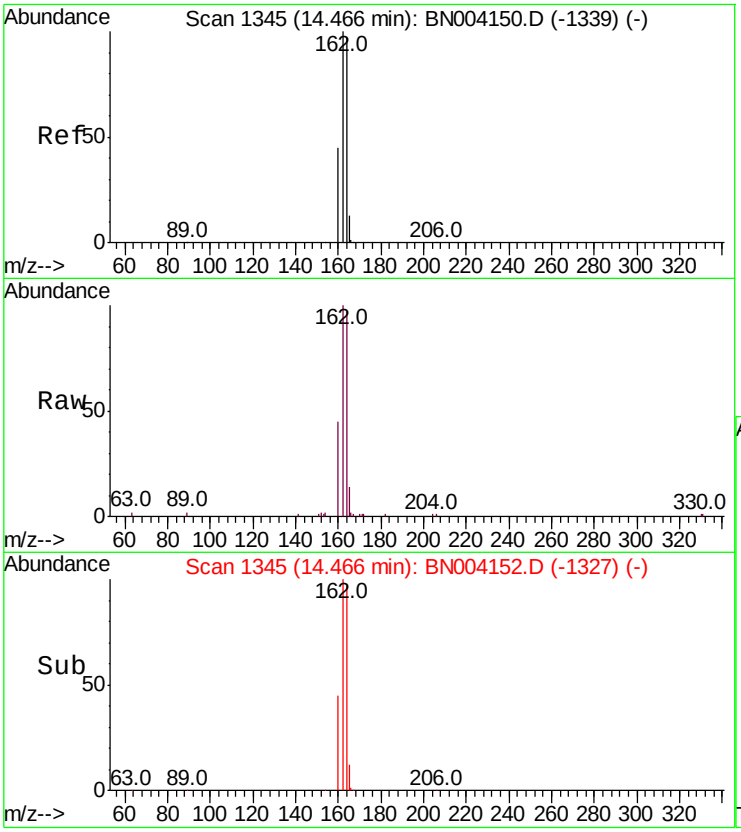


#12
2-Methylnaphthalene
Concen: 1.678 ng
RT: 12.28 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:142 Resp: 27626

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	32.7	27.0	40.6



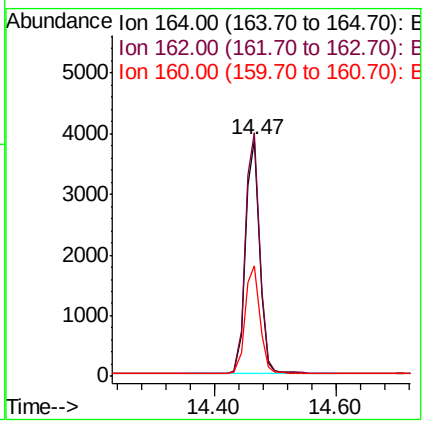


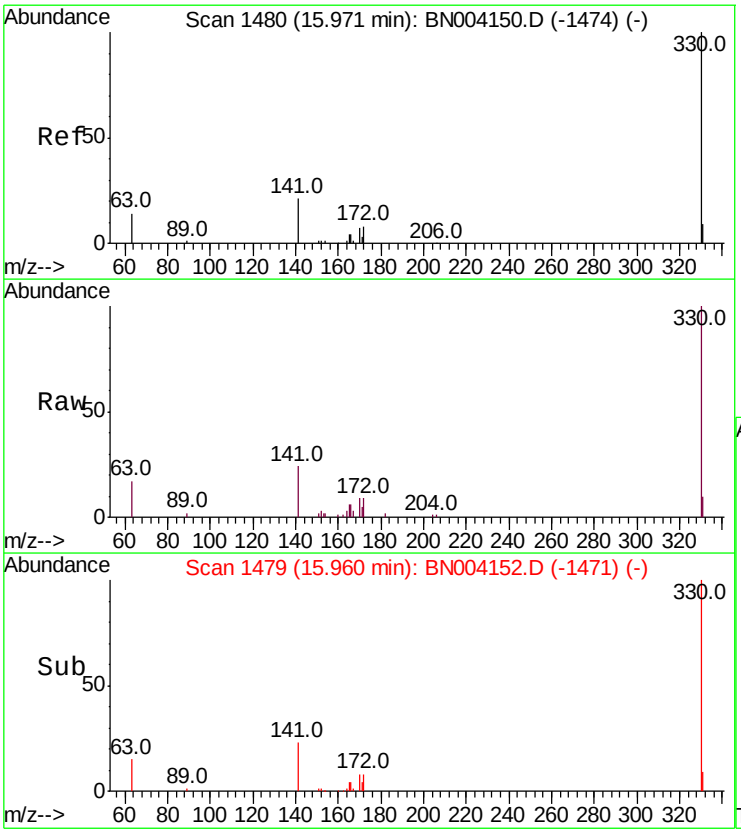
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6172

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	46.6	37.2	55.8

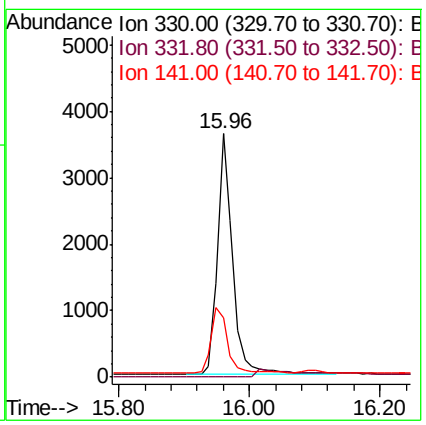


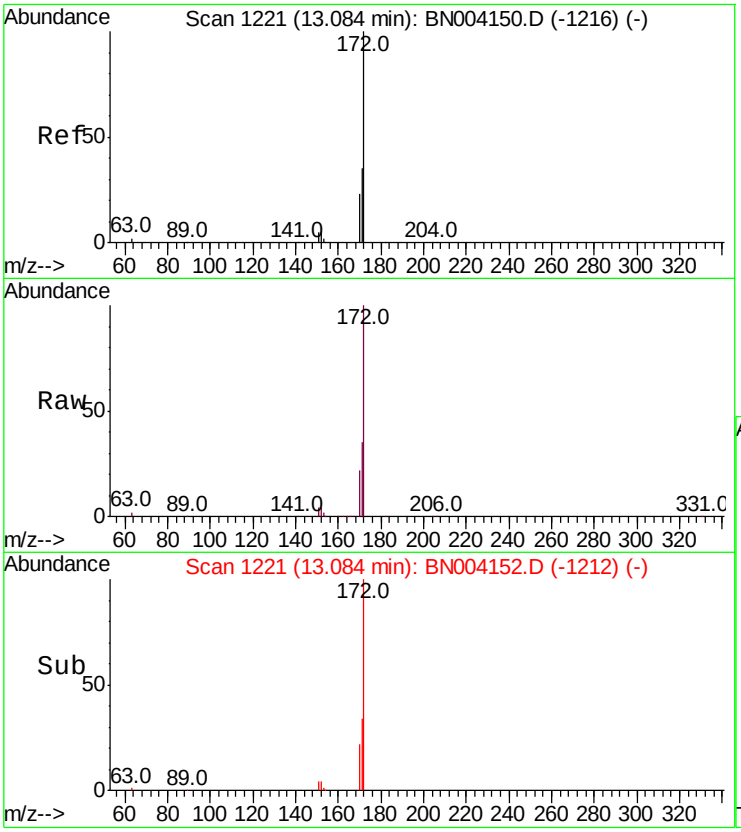


#14
2,4,6-Tribromophenol
Concen: 2.346 ng
RT: 15.96 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:330 Resp: 5763

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.2	28.3	42.5



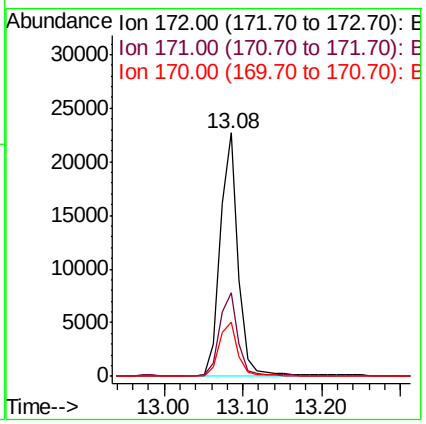


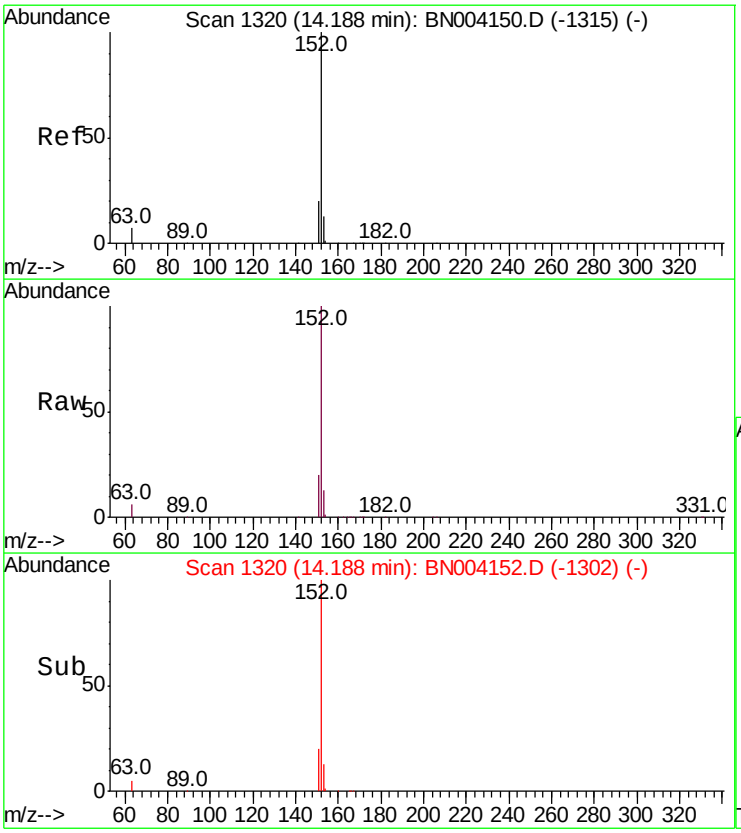
#15
2-Fluorobiphenyl
Concen: 1.362 ng
RT: 13.08 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 36165

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.1	40.7
170	22.2	17.4	26.0

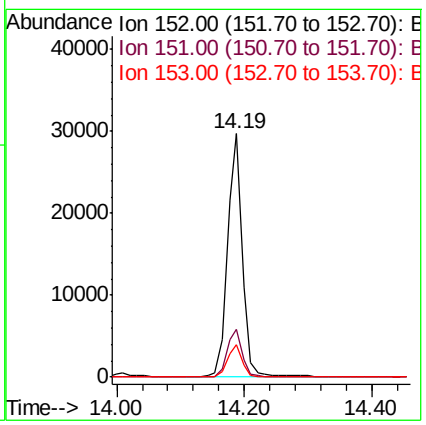


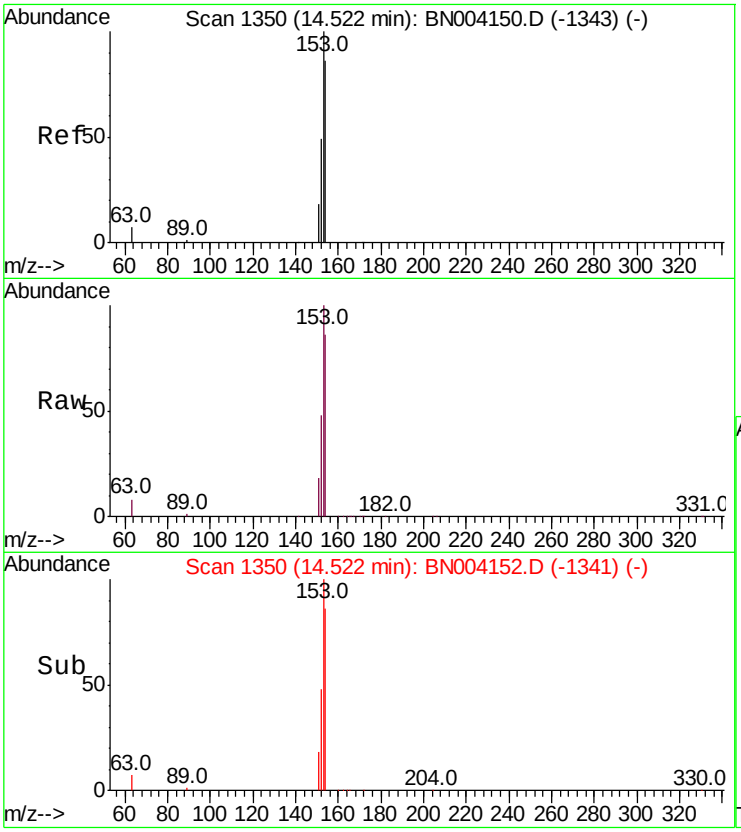


#16
Acenaphthylene
Concen: 1.717 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:152 Resp: 47230

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.6	15.8



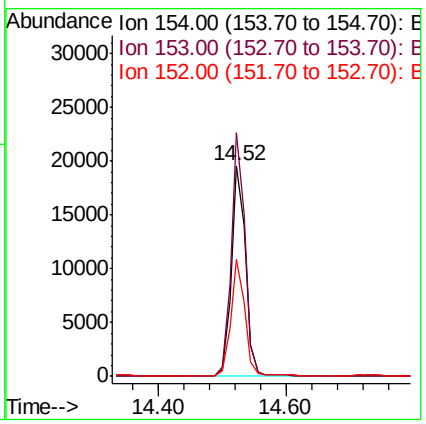


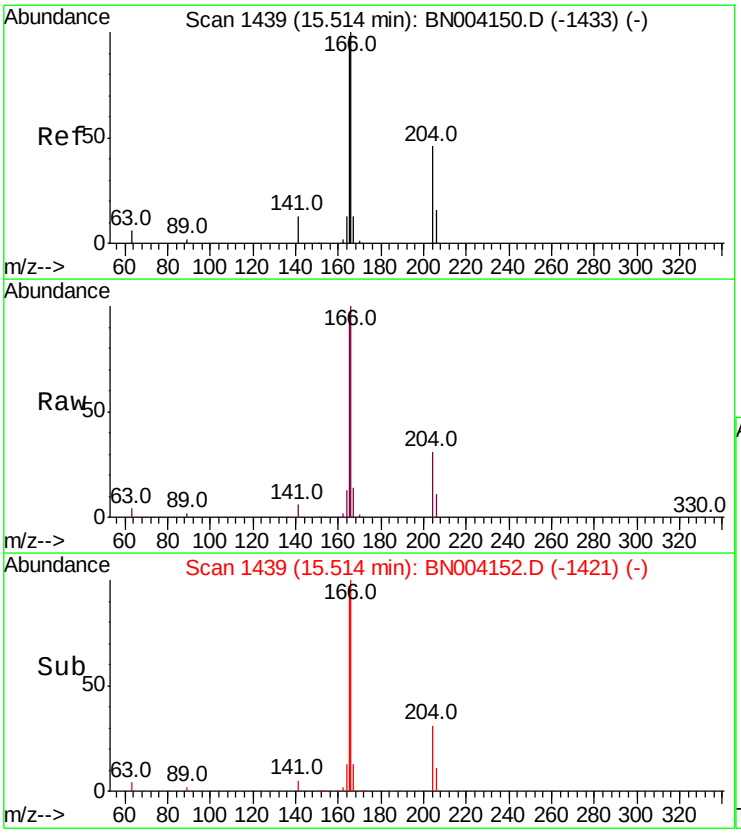
#17
Acenaphthene
Concen: 1.566 ng
RT: 14.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 29862

Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.9	133.3
152	54.2	43.5	65.3

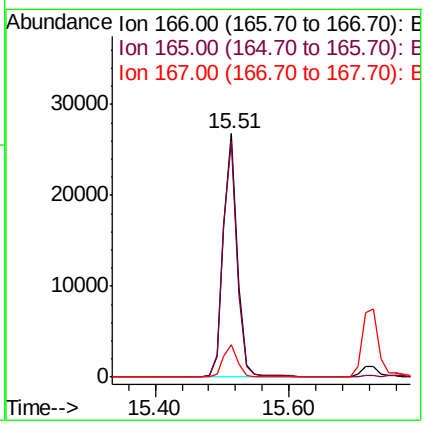


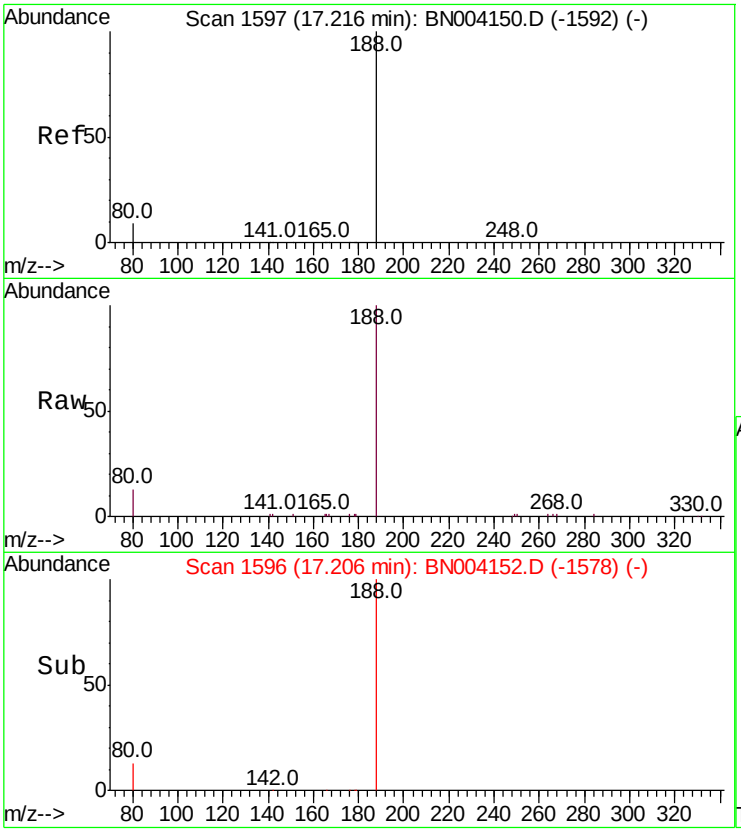


#18
Fluorene
Concen: 1.616 ng
RT: 15.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:166 Resp: 38561

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.5	10.9	16.3



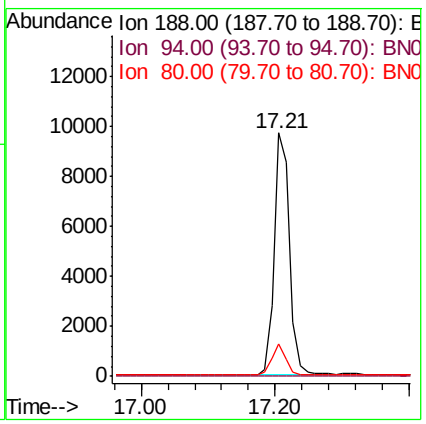


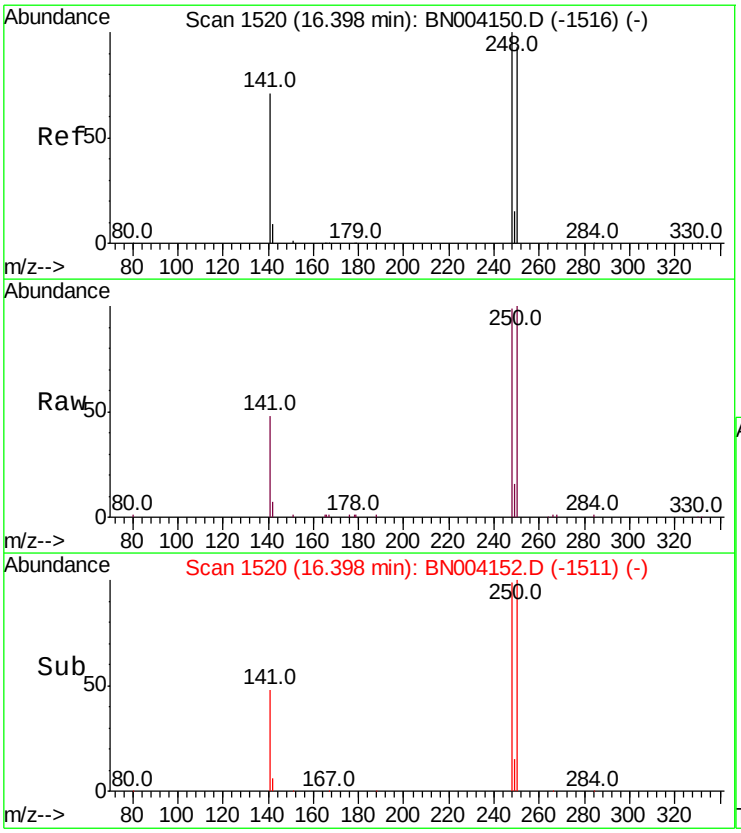
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15355

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	8.6	12.8#

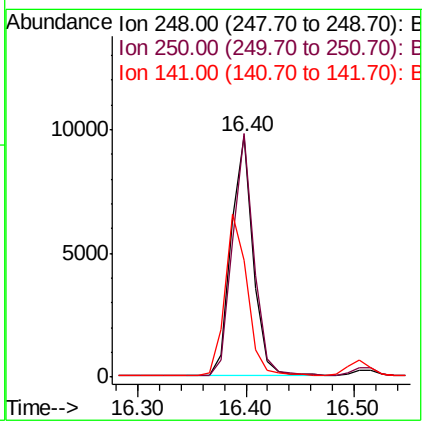


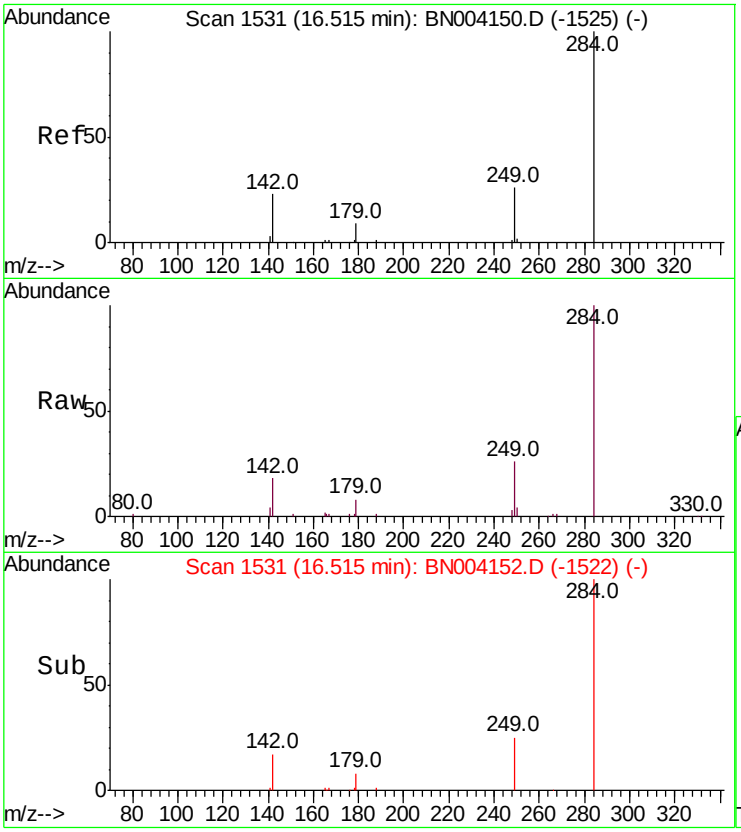


#20
4-Bromophenyl-phenylether
Concen: 1.542 ng
RT: 16.40 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:248 Resp: 13712

Ion	Ratio	Lower	Upper
248	100		
250	101.0	83.7	125.5
141	48.7	31.4	47.0#



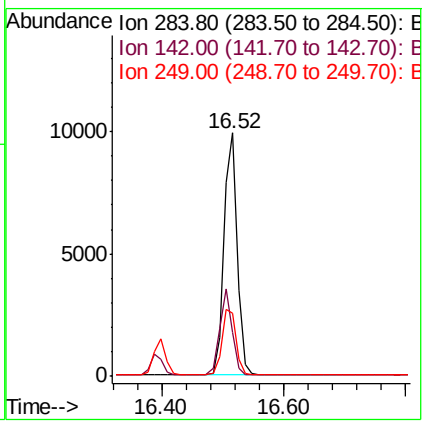


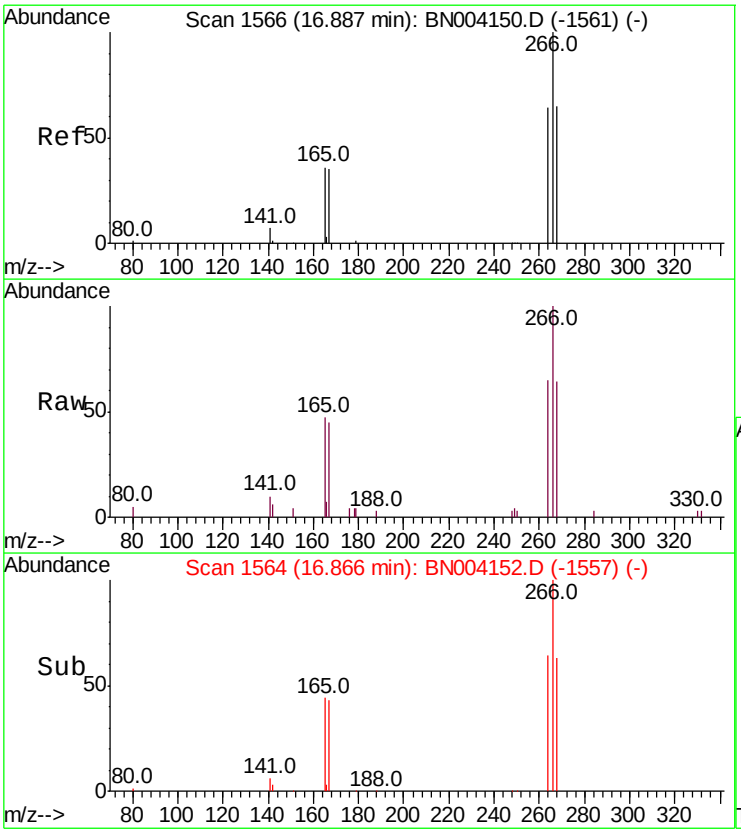
#21
Hexachlorobenzene
Concen: 1.596 ng
RT: 16.52 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 14968

Ion	Ratio	Lower	Upper
284	100		
142	33.2	29.7	44.5
249	28.9	24.0	36.0

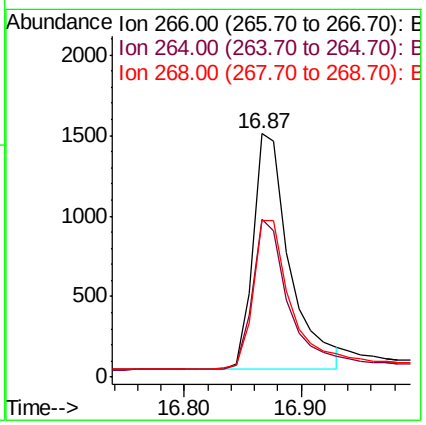


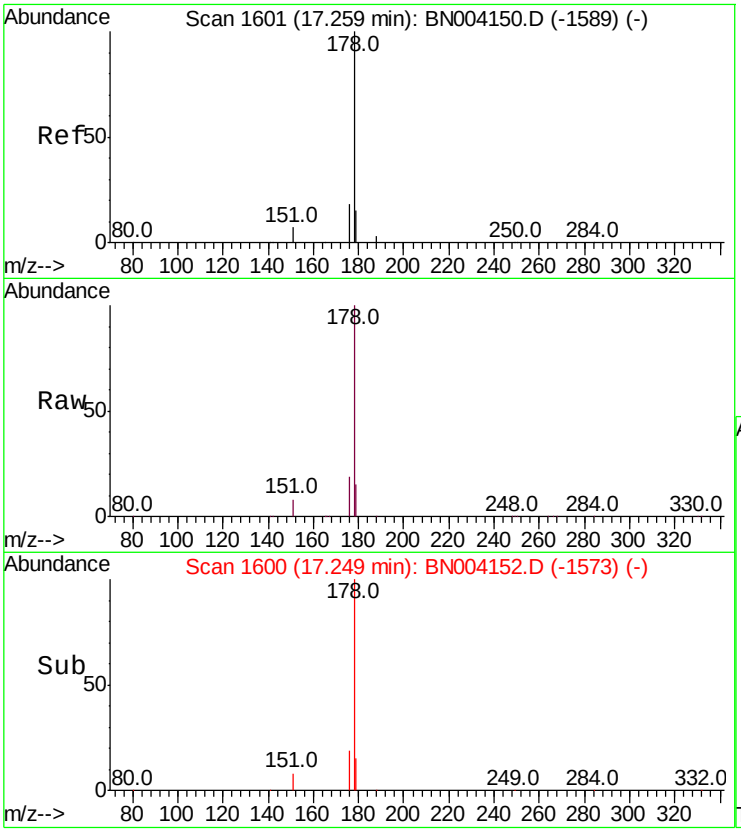


#22
Pentachlorophenol
Concen: 1.263 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:266 Resp: 3209

Ion	Ratio	Lower	Upper
266	100		
264	65.1	52.1	78.1
268	64.2	51.8	77.6



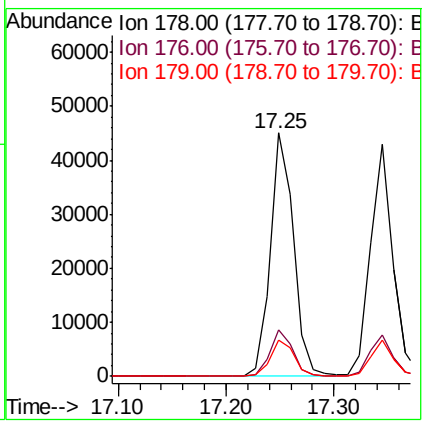


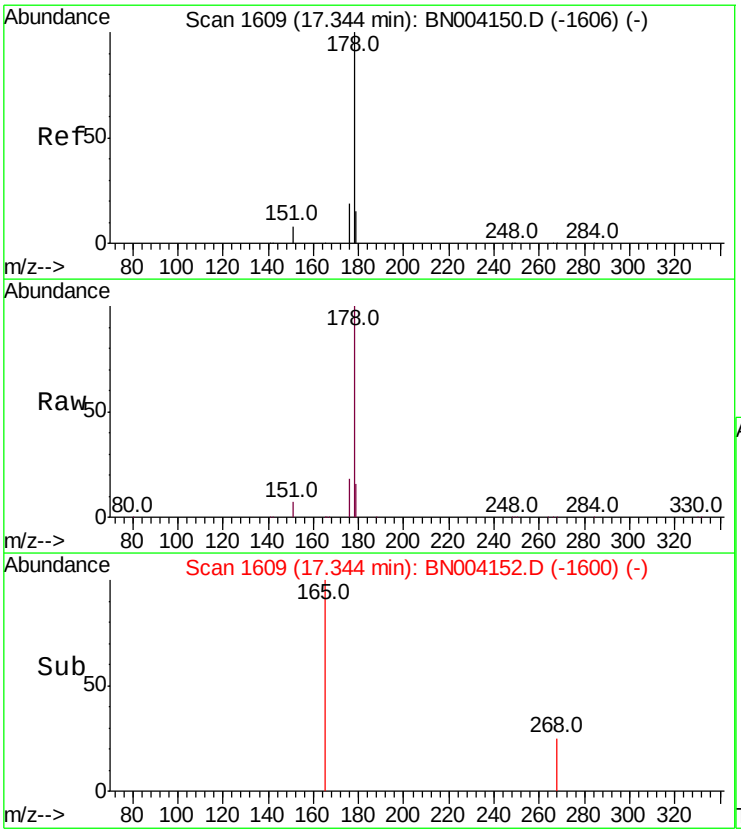
#23
Phenanthrene
Concen: 1.577 ng
RT: 17.25 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 66427

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.4	18.6

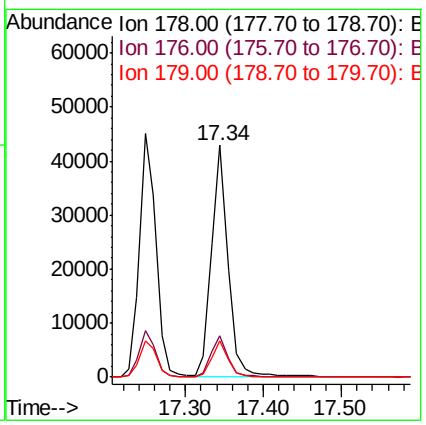


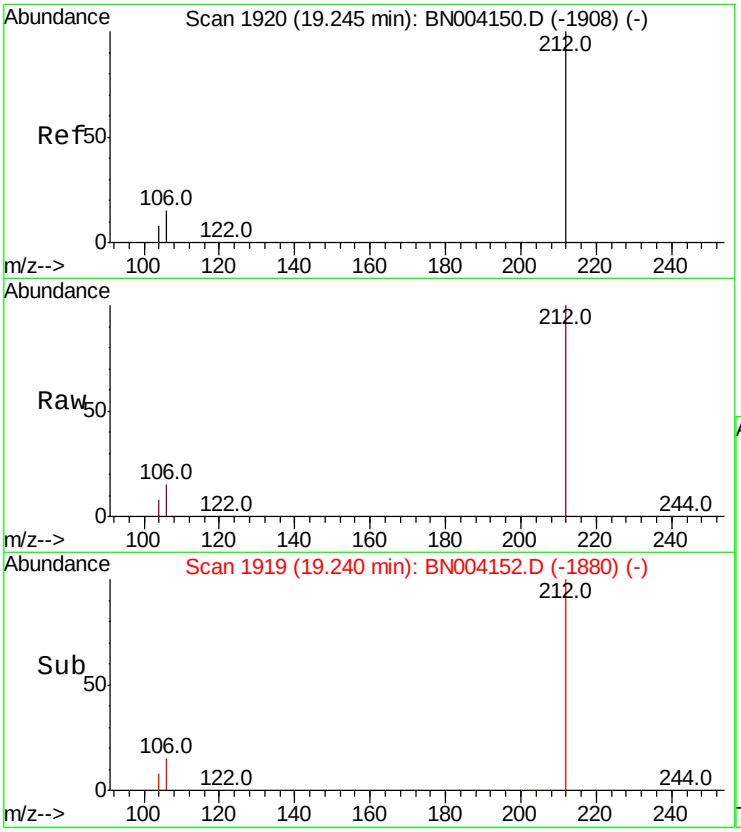


#24
Anthracene
Concen: 1.741 ng
RT: 17.34 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:178 Resp: 62891

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



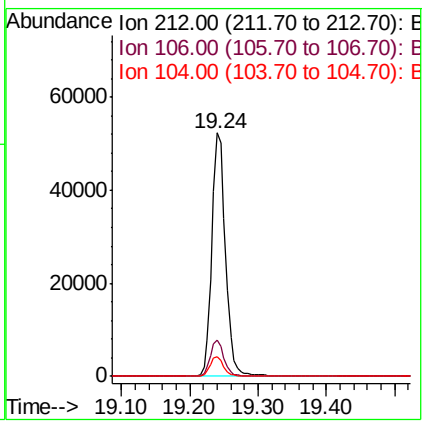


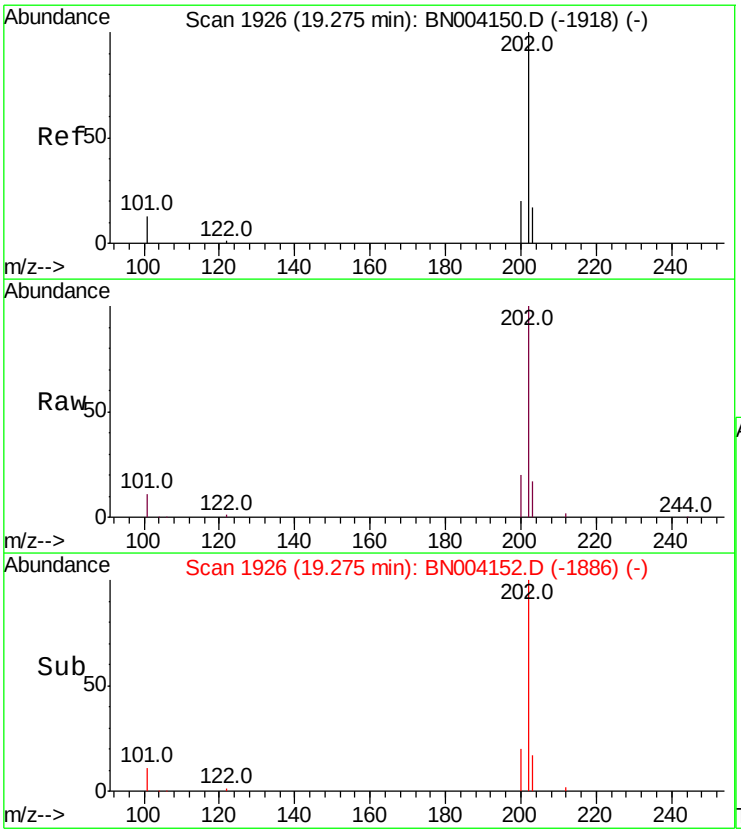
#25
Fluoranthene-d10
Concen: 1.629 ng
RT: 19.24 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 72721

Ion	Ratio	Lower	Upper
212	100		
106	14.6	10.3	15.5
104	8.1	5.6	8.4

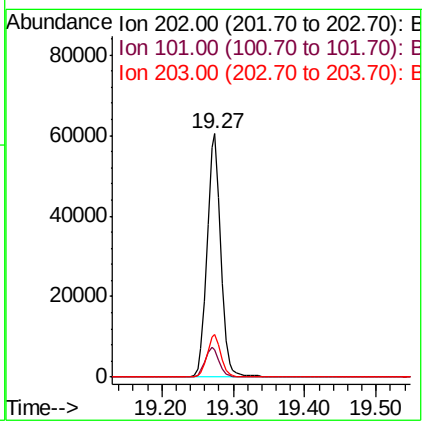


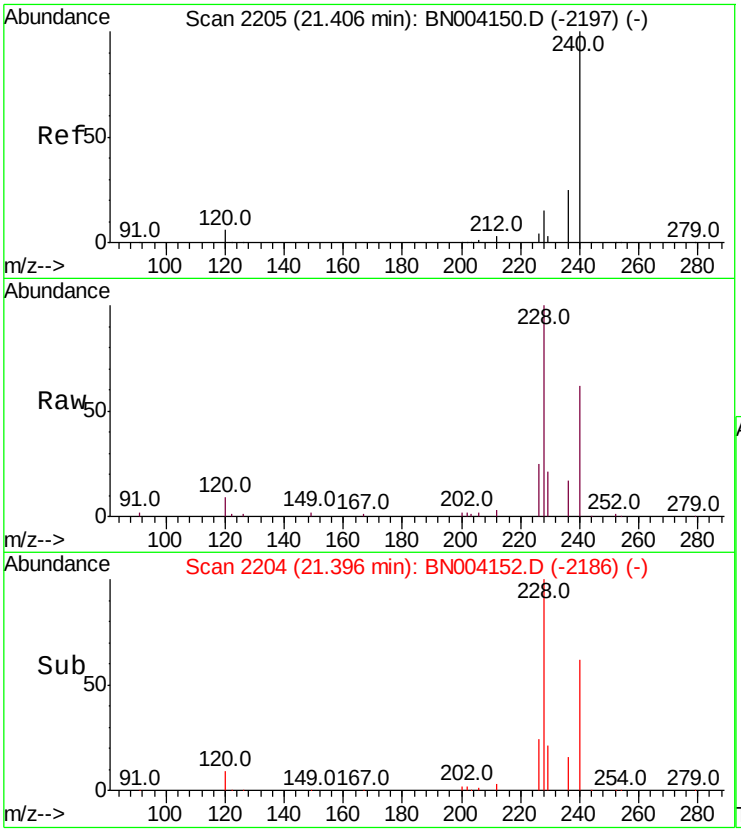


#26
Fluoranthene
Concen: 1.657 ng
RT: 19.27 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:202 Resp: 80153

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.0	13.4
203	17.3	13.8	20.6



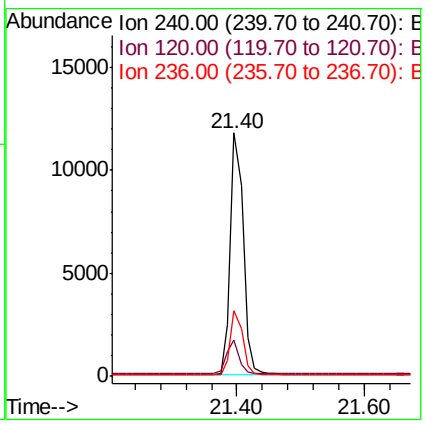


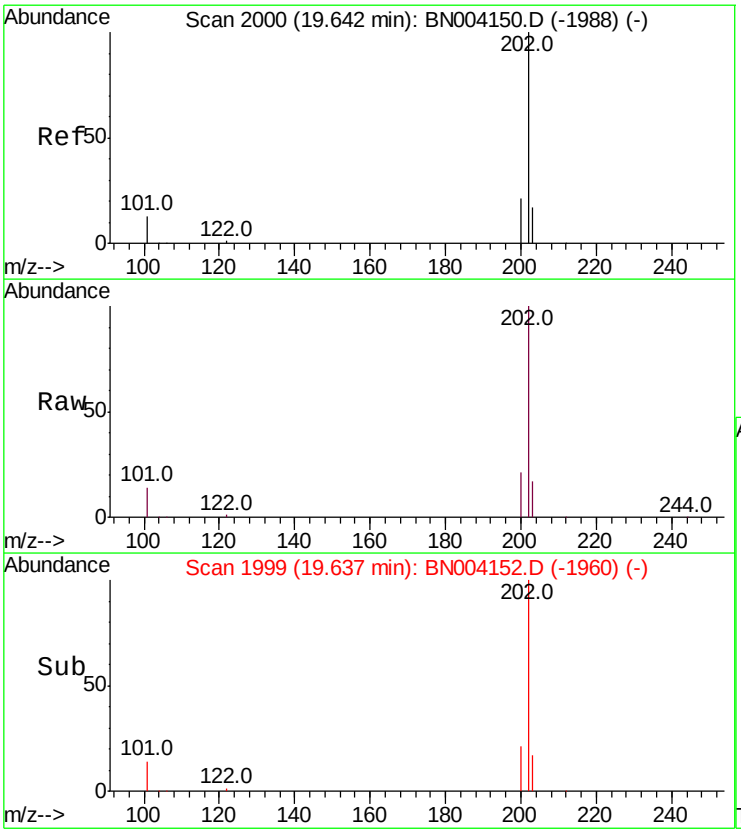
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 16682

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.3	13.9#
236	27.0	21.0	31.4

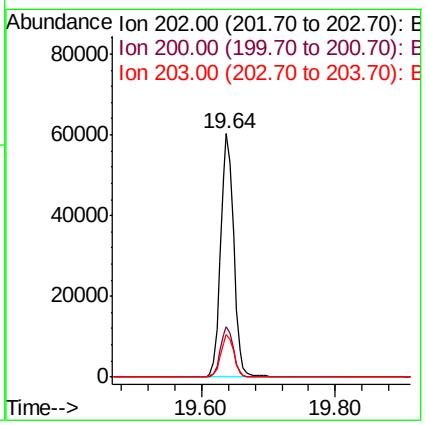


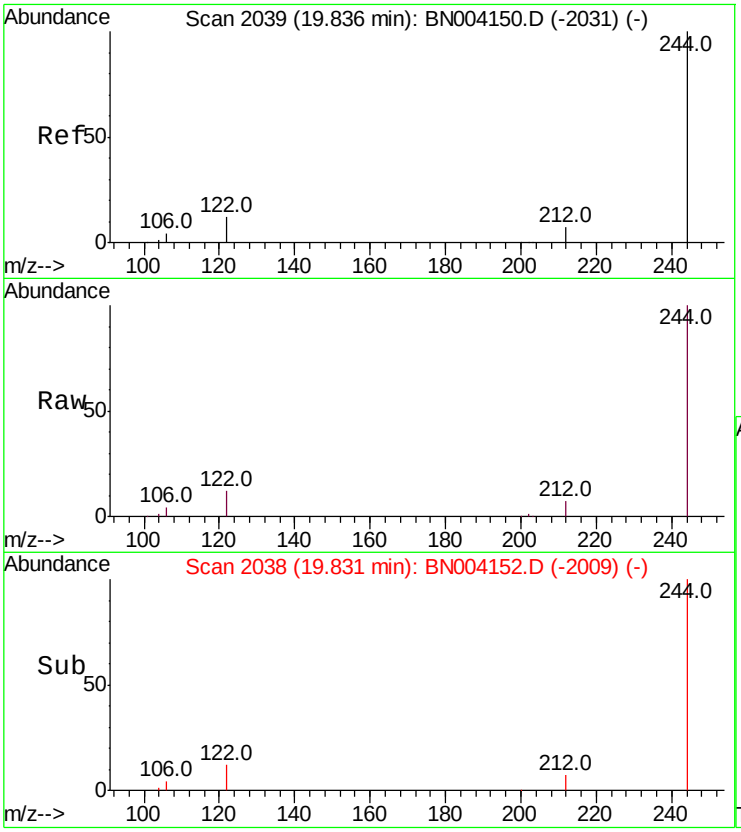


#28
Pyrene
Concen: 1.758 ng
RT: 19.64 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:202 Resp: 81086

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



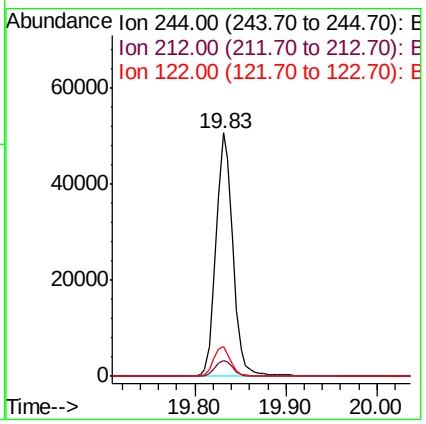


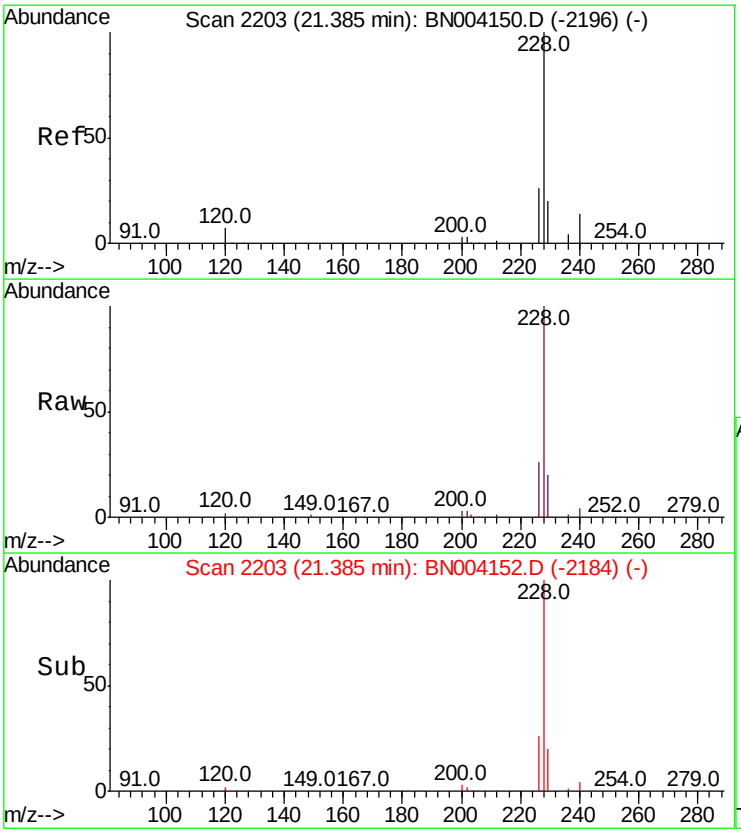
#29
Terphenyl-d14
Concen: 1.654 ng
RT: 19.83 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 64172

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	12.1	8.5	12.7

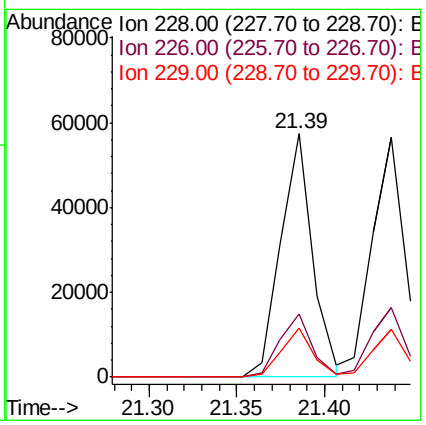


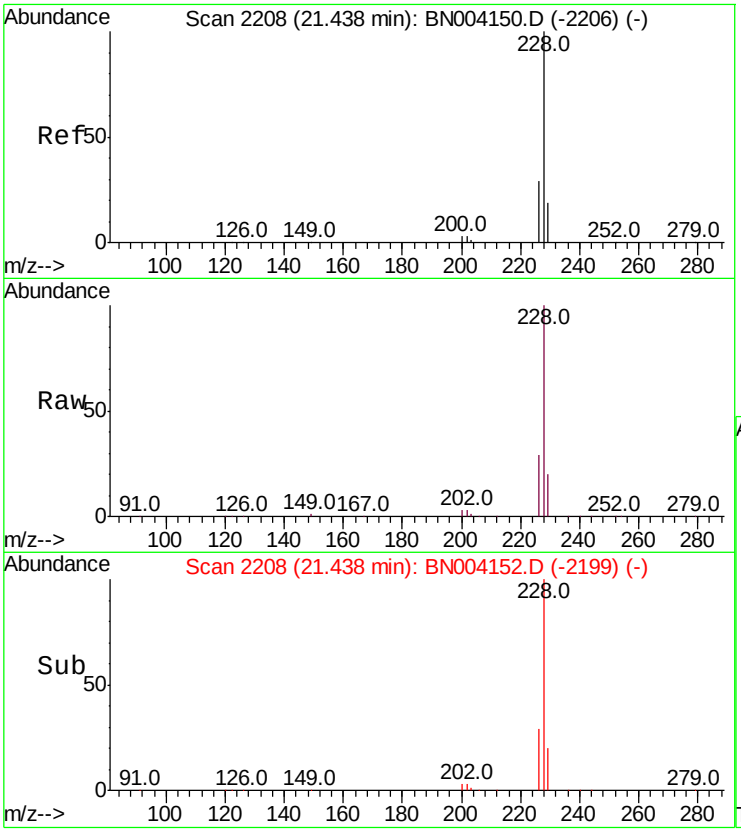


#30
Benzo(a)anthracene
Concen: 1.660 ng
RT: 21.39 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:228 Resp: 72589

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



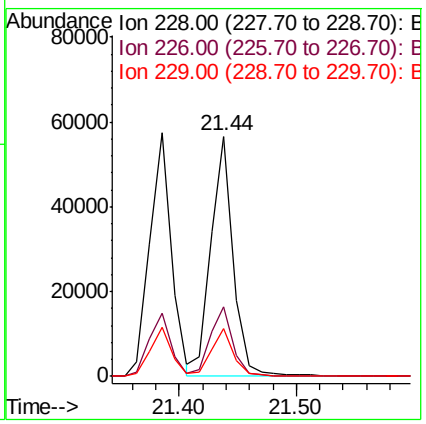


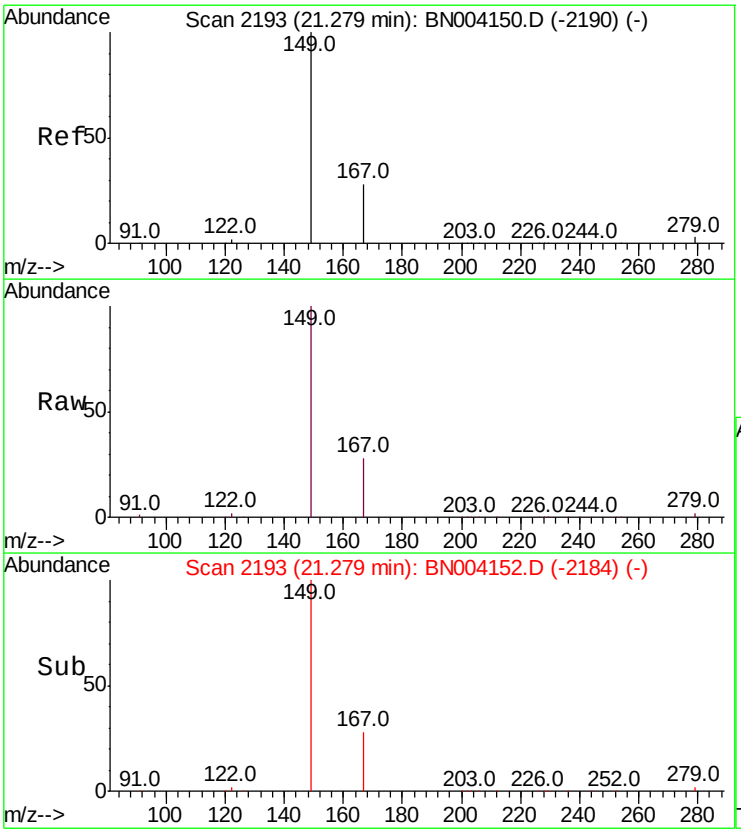
#31
Chrysene
Concen: 1.577 ng
RT: 21.44 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 74345

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	19.8	16.0	24.0

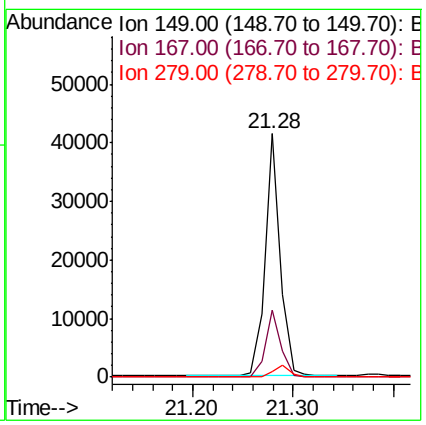


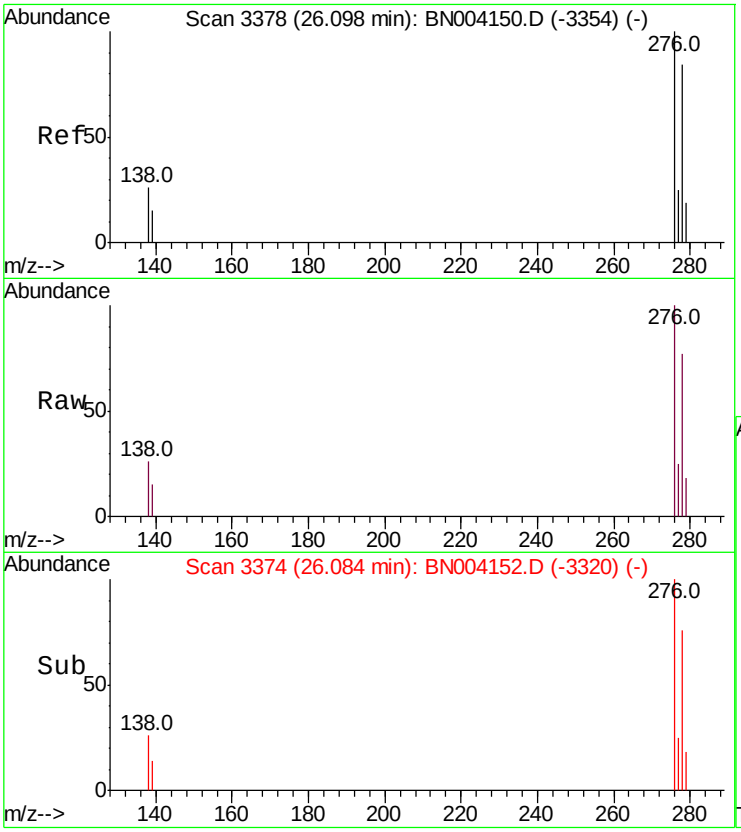


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.307 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:149 Resp: 42781

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.0	3.9	5.9



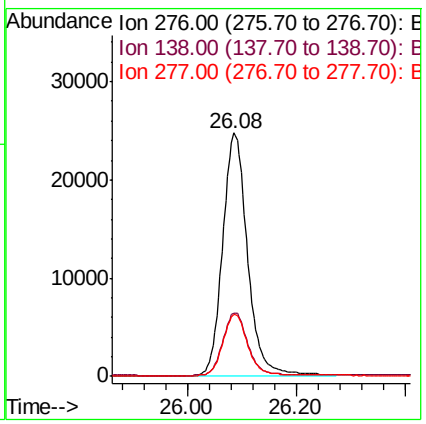


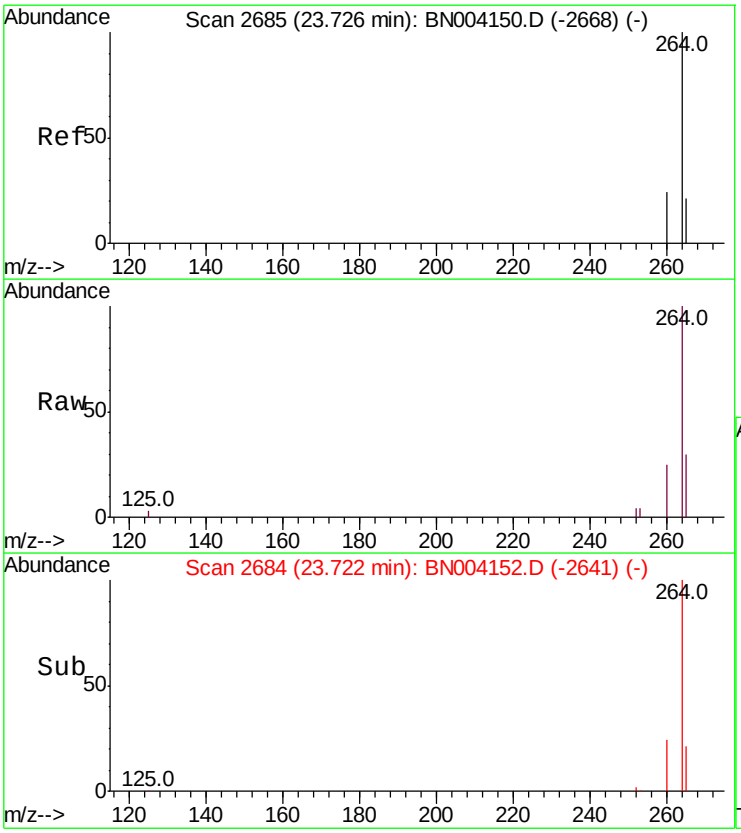
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.595 ng
RT: 26.08 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 77838

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.6	30.8
277	25.2	20.0	30.0

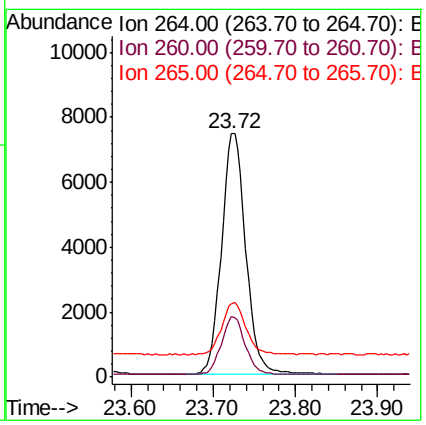


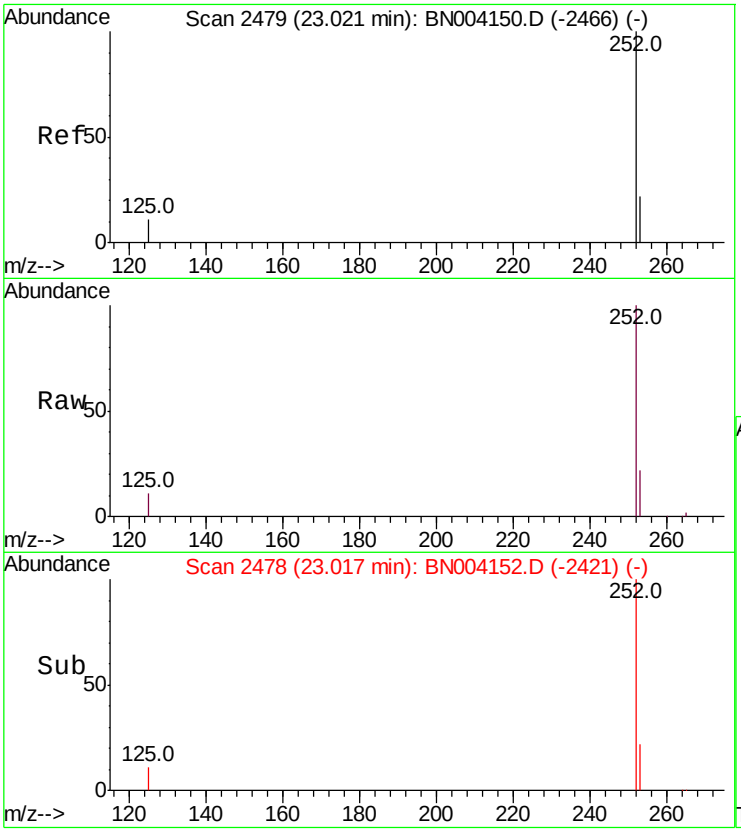


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2684
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:264 Resp: 15225

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	30.2	26.4	39.6



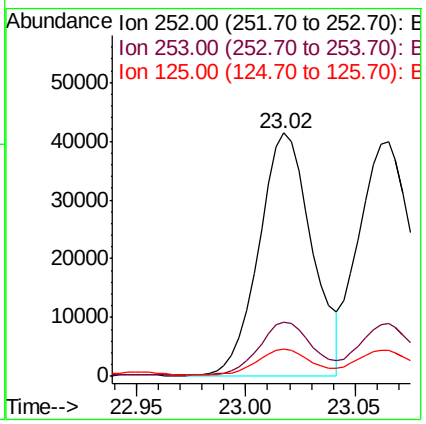


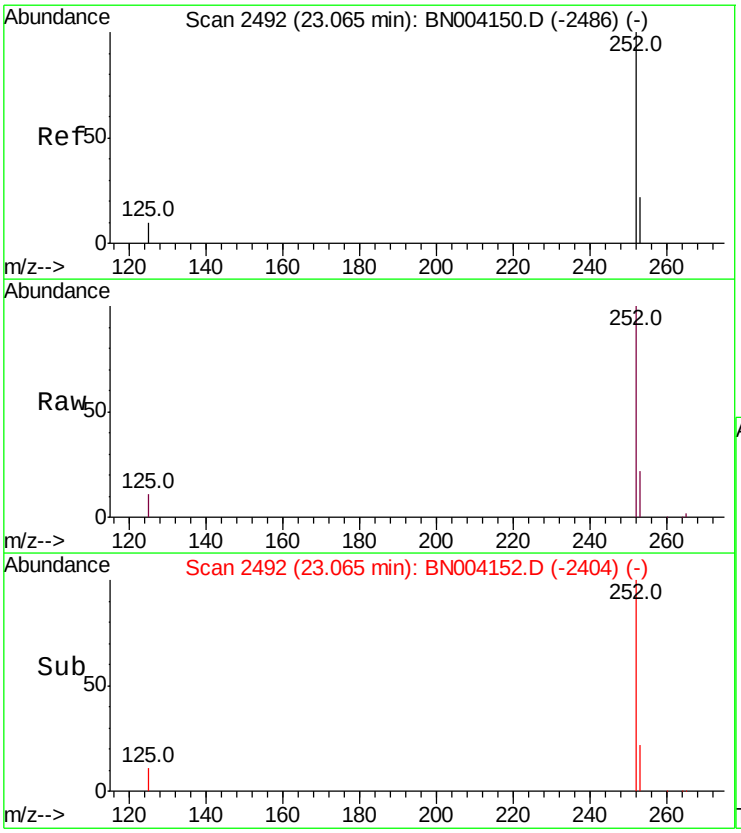
#35
Benzo(b)fluoranthene
Concen: 1.468 ng
RT: 23.02 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 69752

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.3	28.9
125	11.2	12.7	19.1#

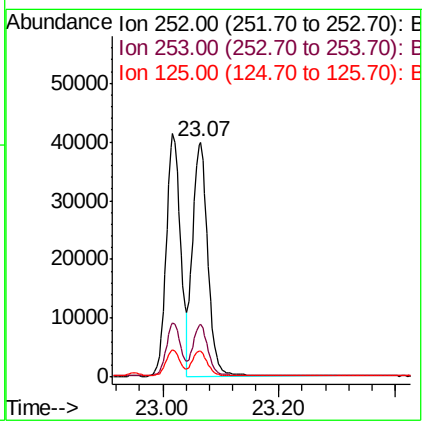


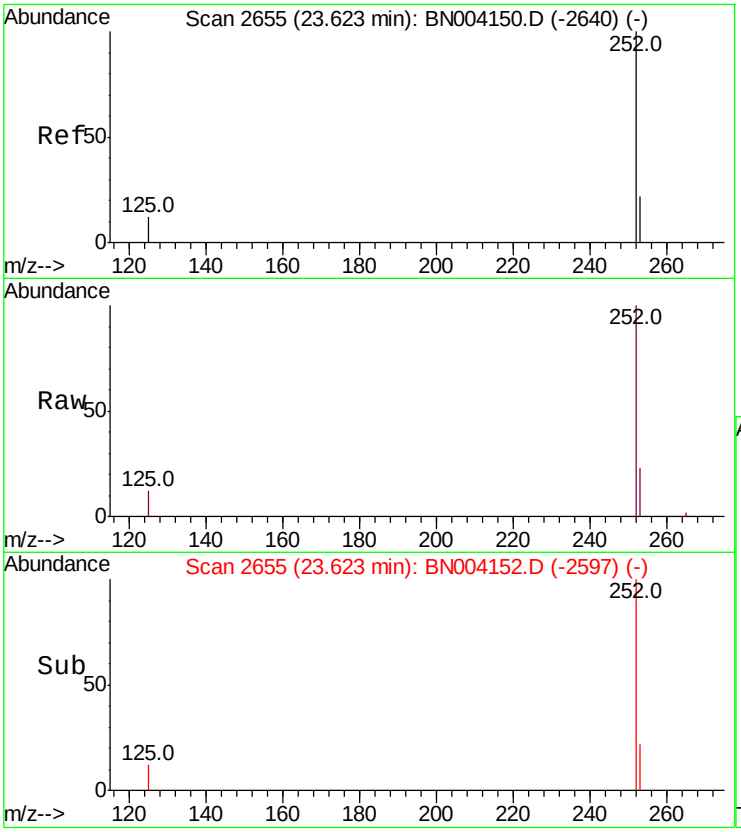


#36
Benzo(k)fluoranthene
Concen: 1.527 ng
RT: 23.07 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:252 Resp: 71842

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	11.1	9.1	13.7



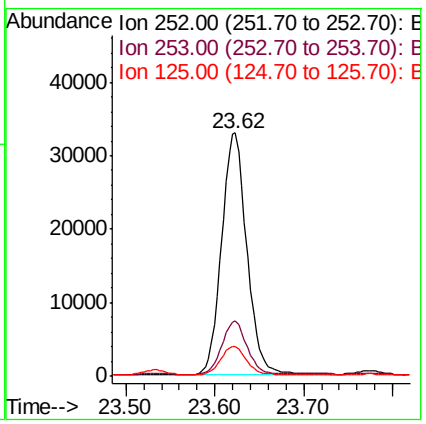


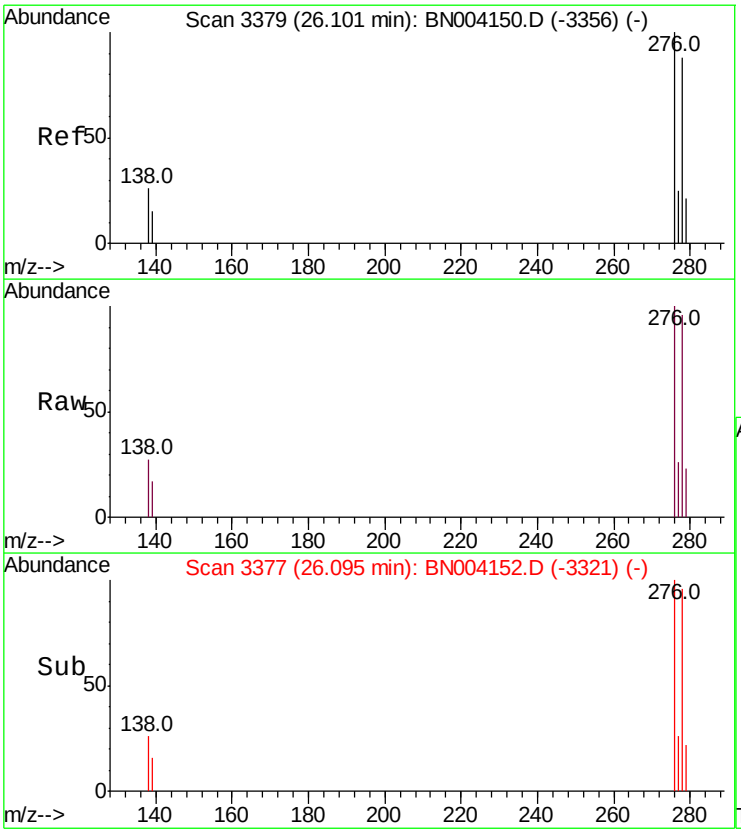
#37
Benzo(a)pyrene
Concen: 1.508 ng
RT: 23.62 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 65195

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.1	30.1
125	12.3	16.0	24.0#

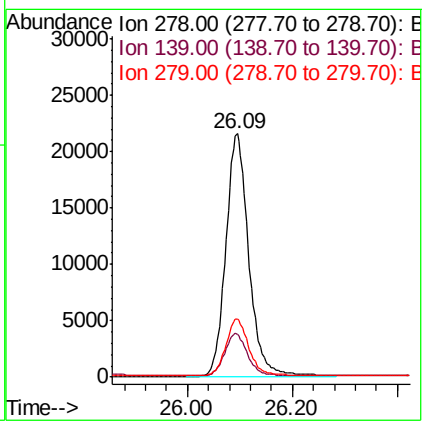


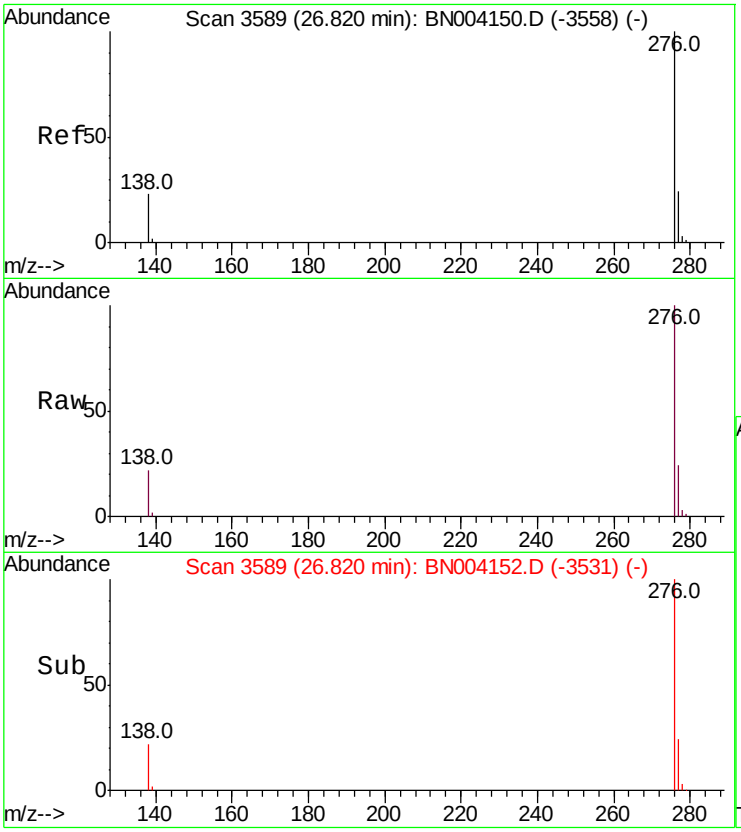


#38
Dibenzo(a,h)anthracene
Concen: 1.621 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:278 Resp: 65286

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	24.0	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.584 ng
RT: 26.82 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 63802

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	22.4	17.4	26.2