Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004148.D
Acq On : 20 Dec 2018 13:52
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 20 16:28:12 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	1778	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	9353	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	5814	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	14823	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15474	0.40	ng		-0.01
34) Perylene-d12	23.73	264	14894	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	658	0.15	ng		0.00
5) Phenol-d6	7.01	99	792	0.14	ng		0.00
8) Nitrobenzene-d5	9.01	82	598	0.15	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	1610	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	366	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	2666	0.11	ng		0.01
25) Fluoranthene-d10	19.25	212	4458	0.10	ng		0.00
29) Terphenyl-d14	19.84	244	4195	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	211	0.092	ng	#	81
3) n-Nitrosodimethylamine	3.68	42	34	0.032	ng	#	1
6) bis(2-Chloroethyl)ether	7.27	93	532	0.107	ng		94
9) Naphthalene	10.67	128	2439	0.107	ng	#	89
10) Hexachlorobutadiene	10.93	225	417	0.100	ng	#	99
12) 2-Methylnaphthalene	12.29	142	1687	0.105	ng		97
16) Acenaphthylene	14.19	152	2712	0.105	ng		100
17) Acenaphthene	14.53	154	1832	0.102	ng		96
18) Fluorene	15.53	166	2293	0.102	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	807	0.094	ng	#	91
21) Hexachlorobenzene	16.52	284	967	0.107	ng		94
22) Pentachlorophenol	16.89	266	135	0.055	ng	#	79
23) Phenanthrene	17.26	178	4020	0.099	ng		99
24) Anthracene	17.35	178	3545	0.102	ng		100
26) Fluoranthene	19.27	202	4781	0.102	ng		98
28) Pyrene	19.64	202	5007	0.117	ng		99
30) Benzo(a)anthracene	21.39	228	4602	0.113	ng		96
31) Chrysene	21.44	228	4557	0.104	ng		97
32) Bis(2-ethylhexyl)phthalate	21.28	149	3120	0.260	ng		99
33) Indeno(1,2,3-cd)pyrene	26.09	276	5067	0.112	ng		100
35) Benzo(b)fluoranthene	23.02	252	4403	0.095	ng	#	87
36) Benzo(k)fluoranthene	23.07	252	4737	0.103	ng	#	83
37) Benzo(a)pyrene	23.62	252	4152	0.098	ng	#	88
38) Dibenzo(a,h)anthracene	26.10	278	4133	0.105	ng	#	82
39) Benzo(g,h,i)perylene	26.83	276	4220	0.107	ng	#	88

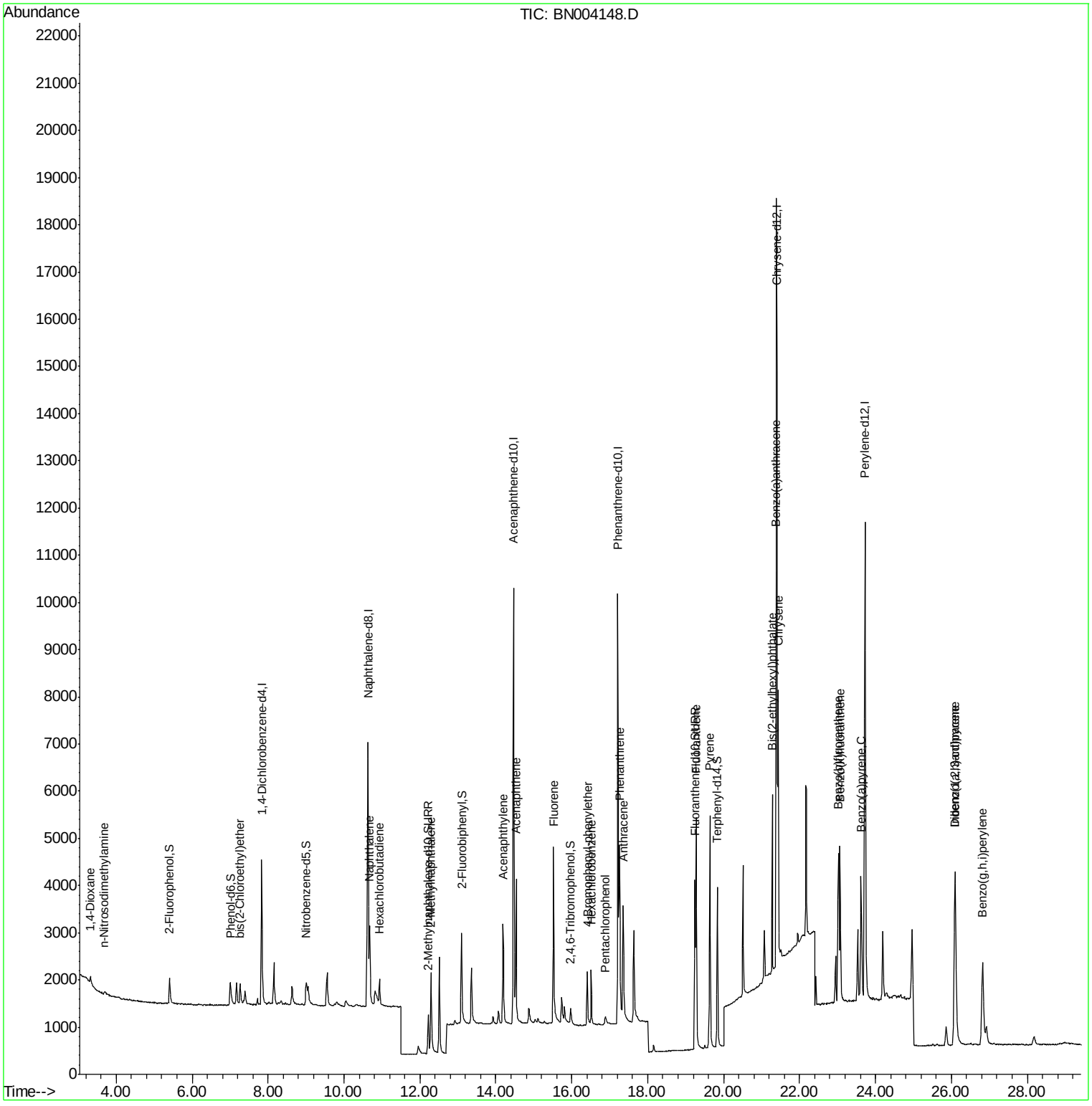
(#) = qualifier out of range (m) = manual integration (+) = signals summed

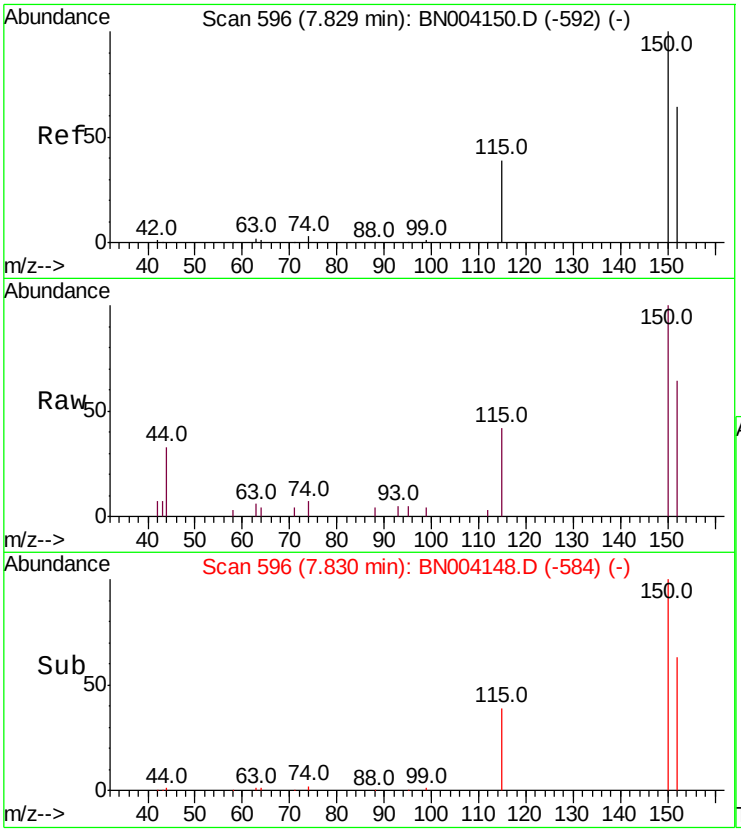
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
Data File : BN004148.D
Acq On : 20 Dec 2018 13:52
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 16:28:12 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



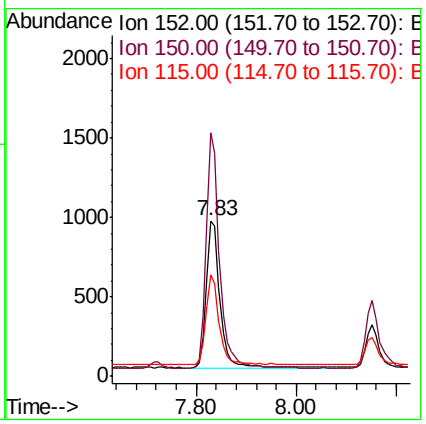


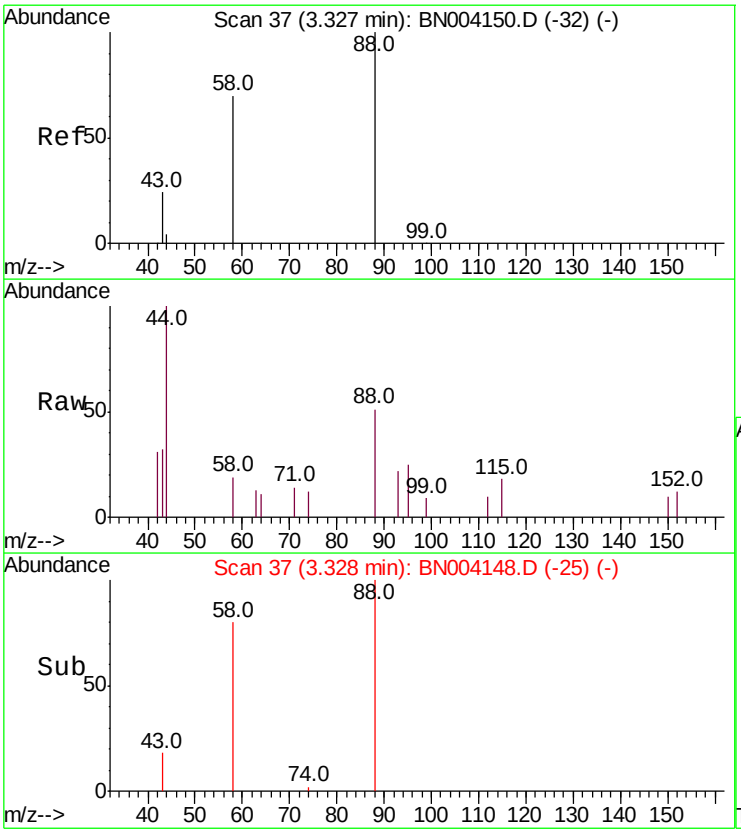
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 596
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1778

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	187.0
115	65.2	46.4	69.6

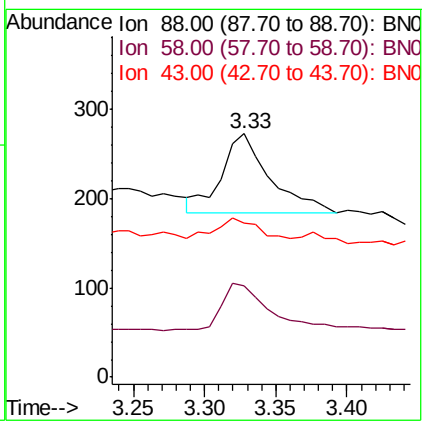


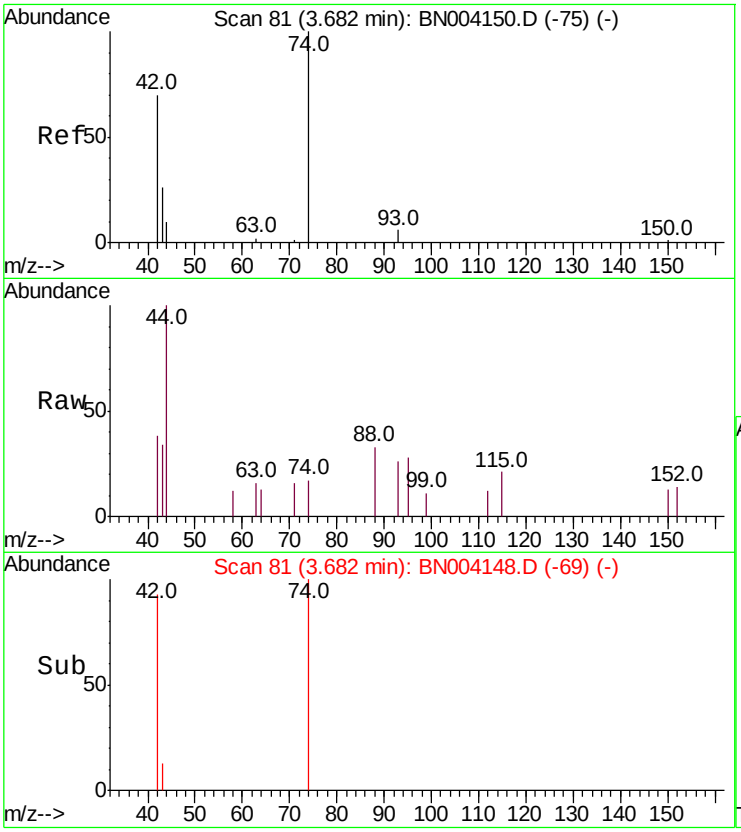


#2
1,4-Dioxane
Concen: 0.092 ng
RT: 3.33 min Scan# 37
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion: 88 Resp: 211

Ion	Ratio	Lower	Upper
88	100		
58	59.7	60.9	91.3#
43	19.4	23.9	35.9#



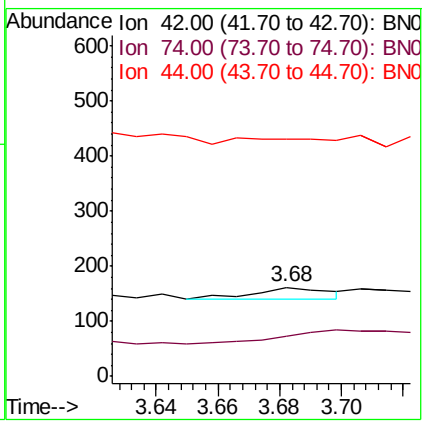


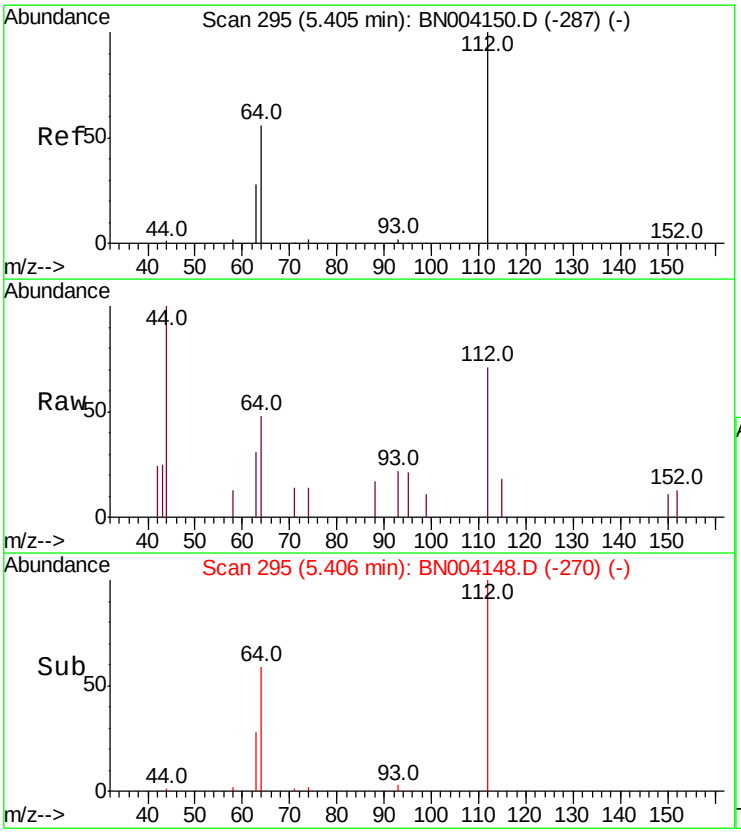
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.68 min Scan# 81
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 34

Ion	Ratio	Lower	Upper
42	100		
74	270.6	99.1	148.7#
44	0.0	4.2	6.4#

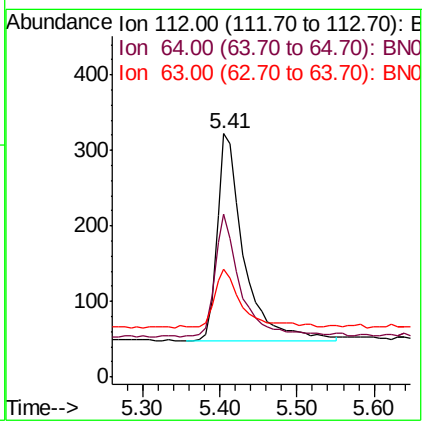


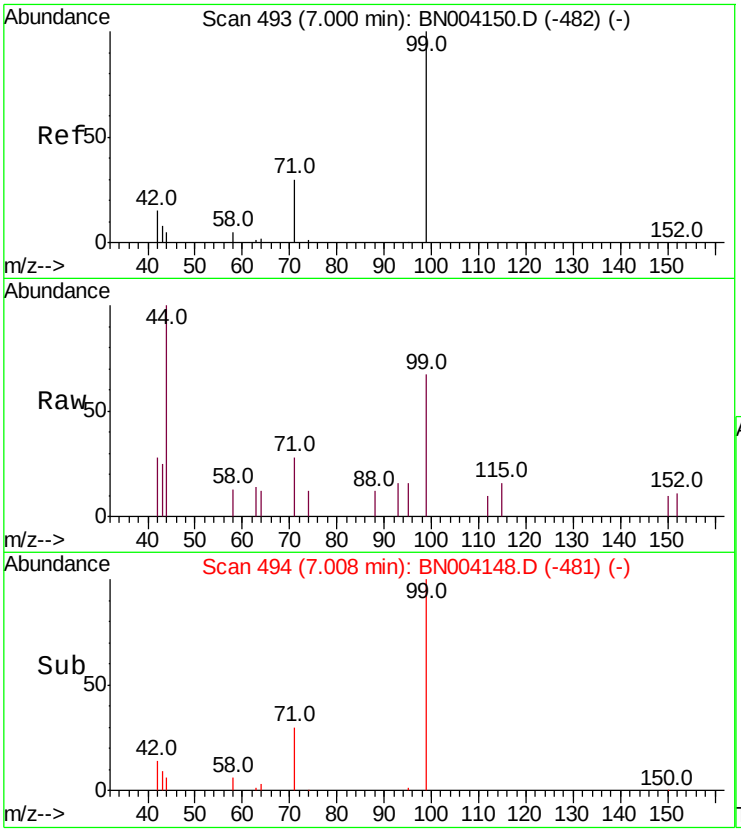


#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.41 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:112 Resp: 658

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.3	66.5
63	26.0	22.4	33.6



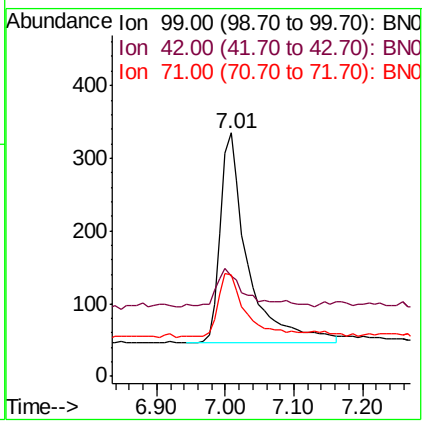


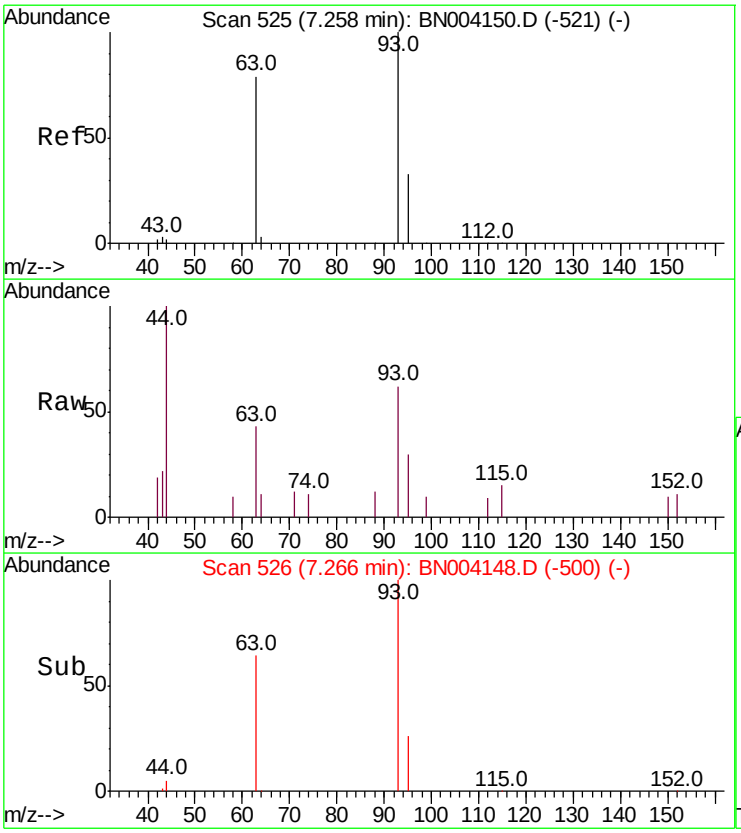
#5
Phenol-d6
Concen: 0.142 ng
RT: 7.01 min Scan# 494
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 792

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	29.8	24.8	37.2

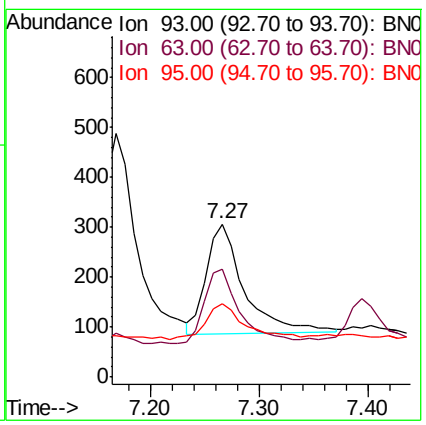


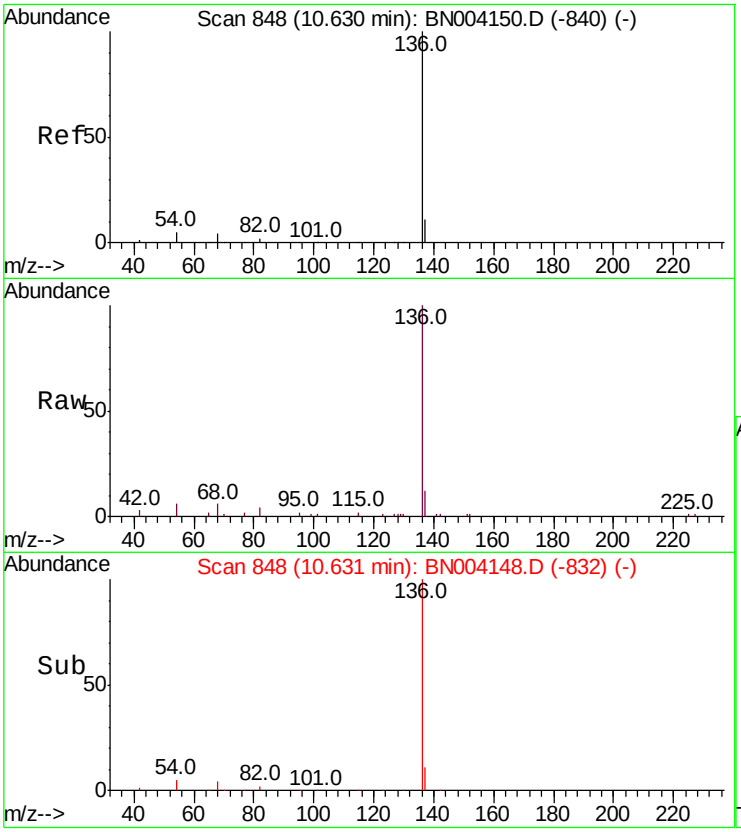


#6
bis(2-Chloroethyl)ether
Concen: 0.107 ng
RT: 7.27 min Scan# 526
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion: 93 Resp: 532

Ion	Ratio	Lower	Upper
93	100		
63	63.9	55.8	83.6
95	33.5	25.4	38.2



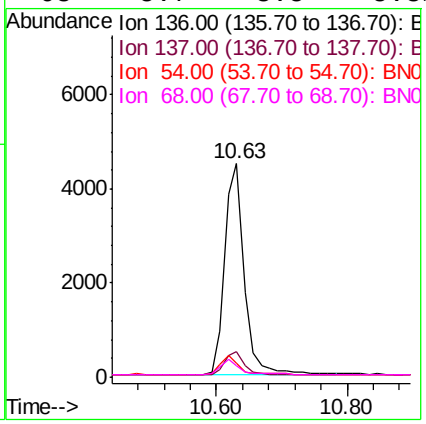


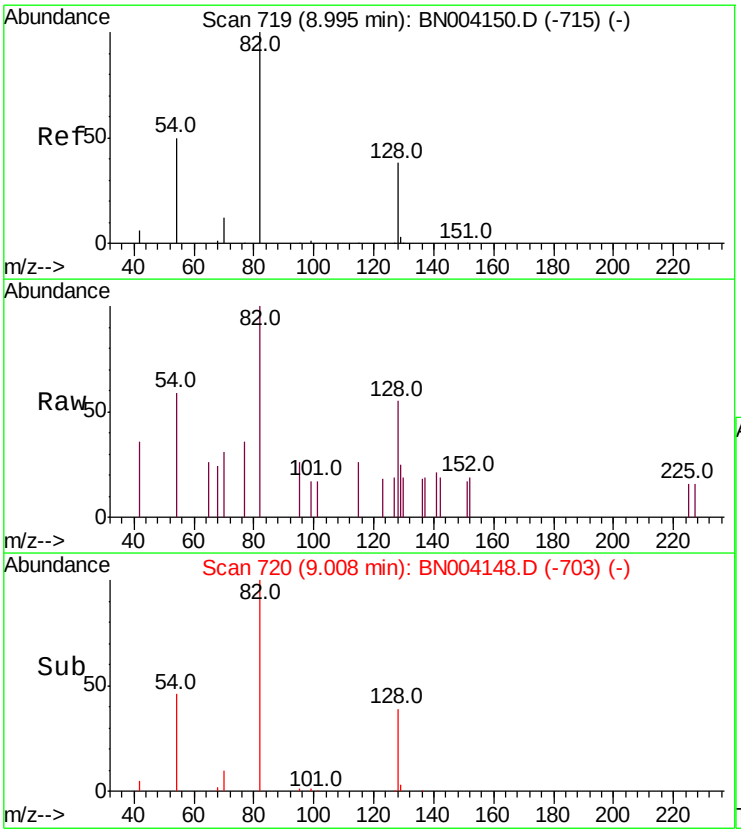
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9353

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.4
54	6.4	4.1	6.1#
68	5.7	3.5	5.3#

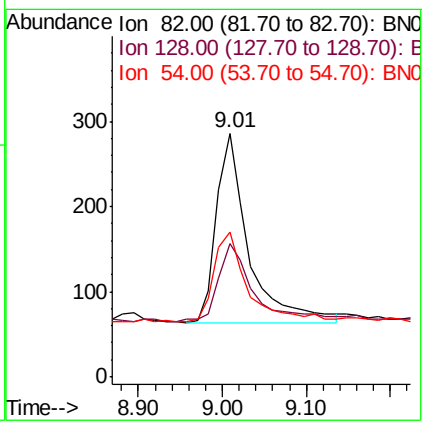


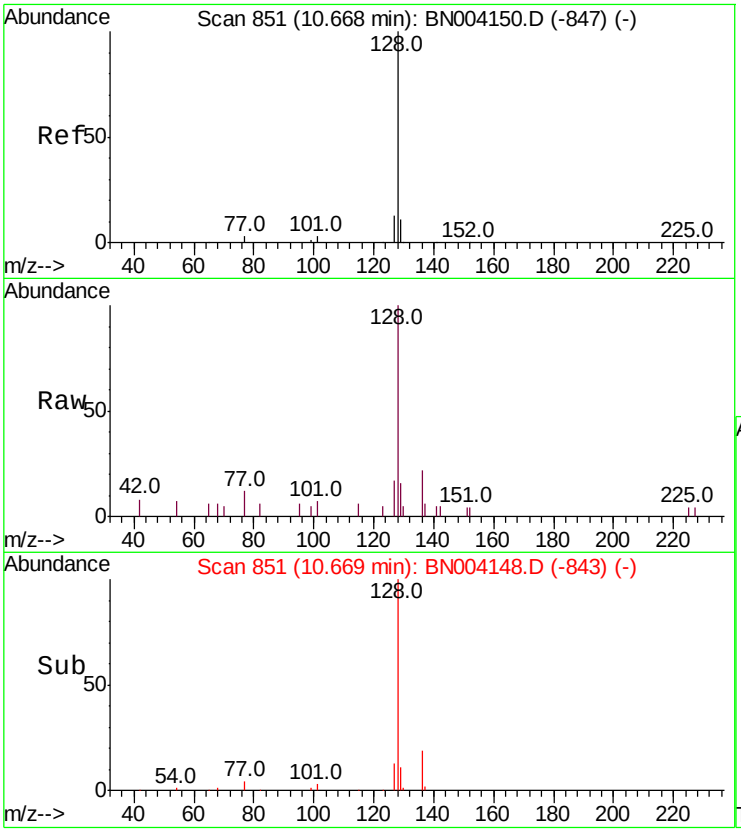


#8
Nitrobenzene-d5
Concen: 0.146 ng
RT: 9.01 min Scan# 720
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion: 82 Resp: 598

Ion	Ratio	Lower	Upper
82	100		
128	54.5	28.9	43.3#
54	59.4	46.1	69.1



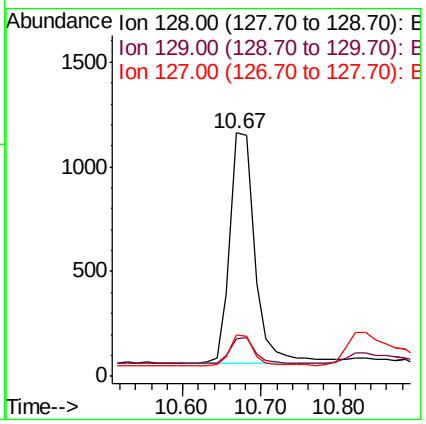


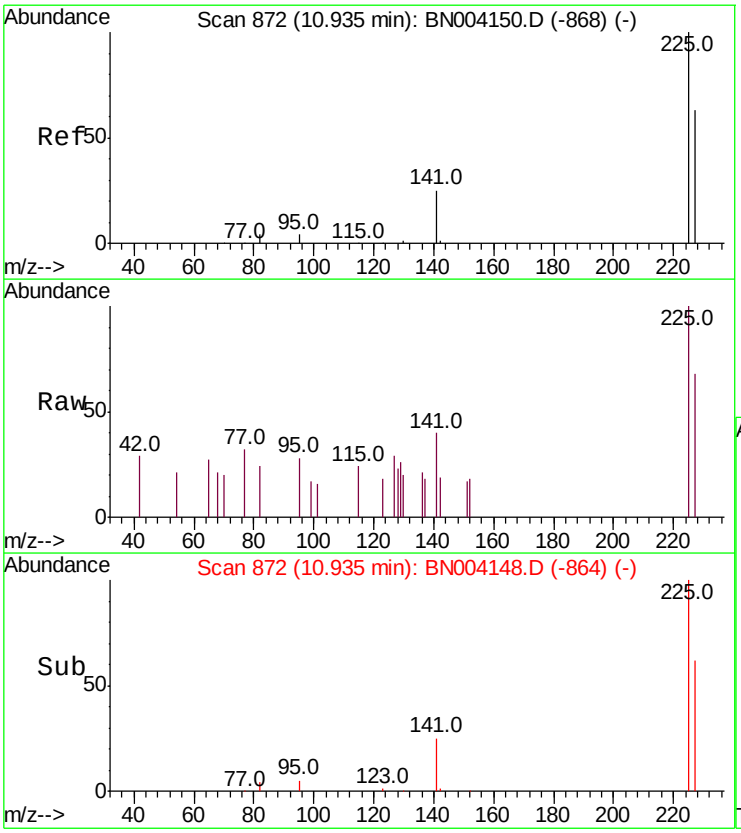
#9
Naphthalene
Concen: 0.107 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2439

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.1	13.7#
127	17.0	10.2	15.4#

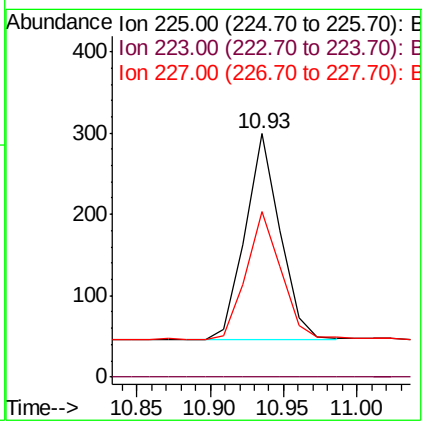


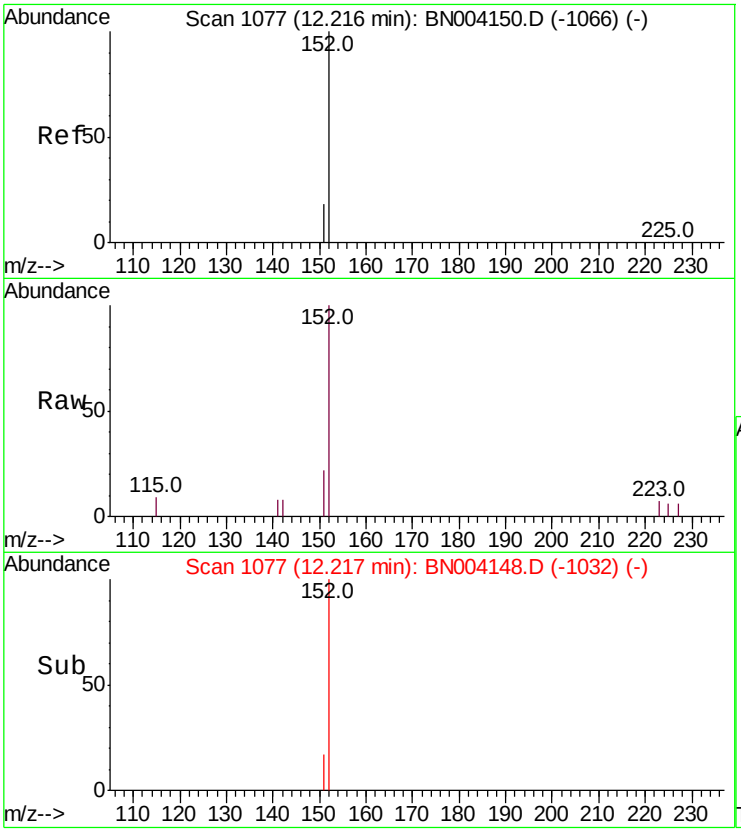


#10
Hexachlorobutadiene
Concen: 0.100 ng
RT: 10.93 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:225 Resp: 417

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.3	76.9



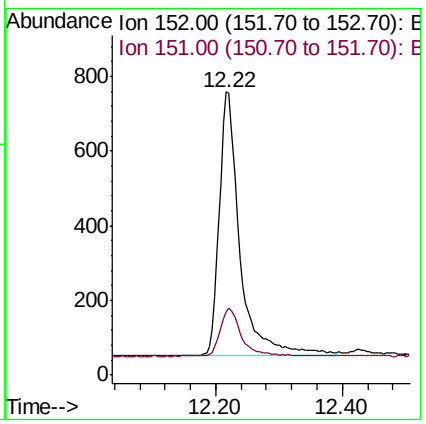


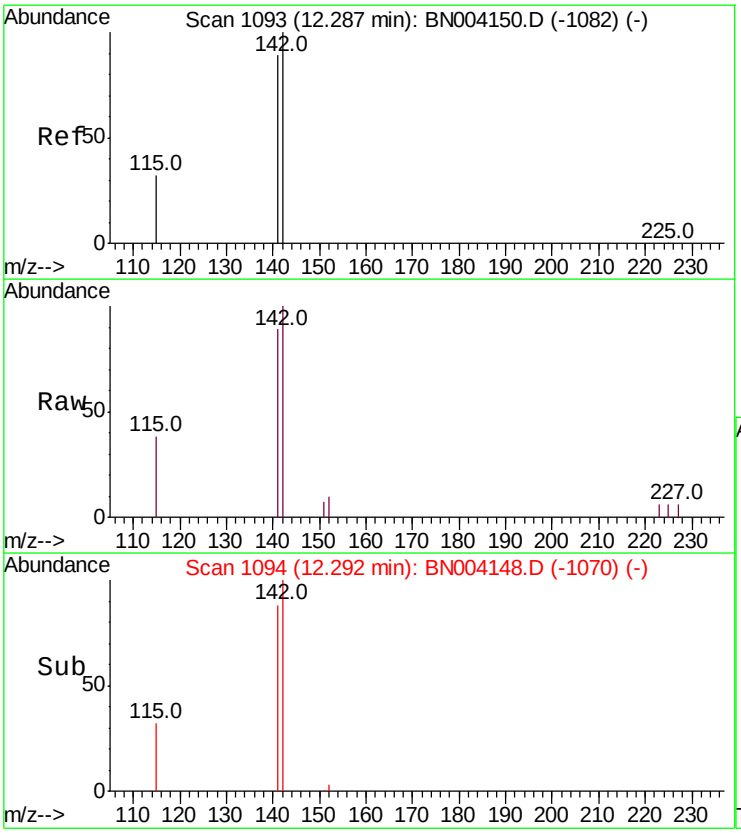
#11
2-Methylnaphthalene-d10
Concen: 0.106 ng
RT: 12.22 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1610

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

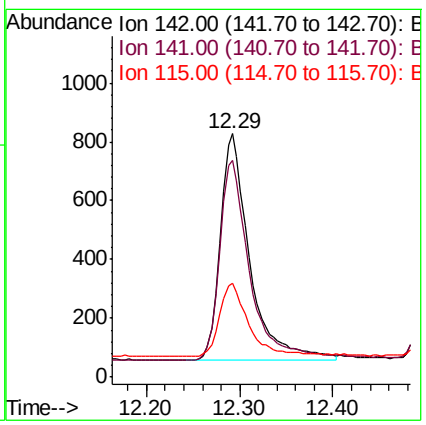


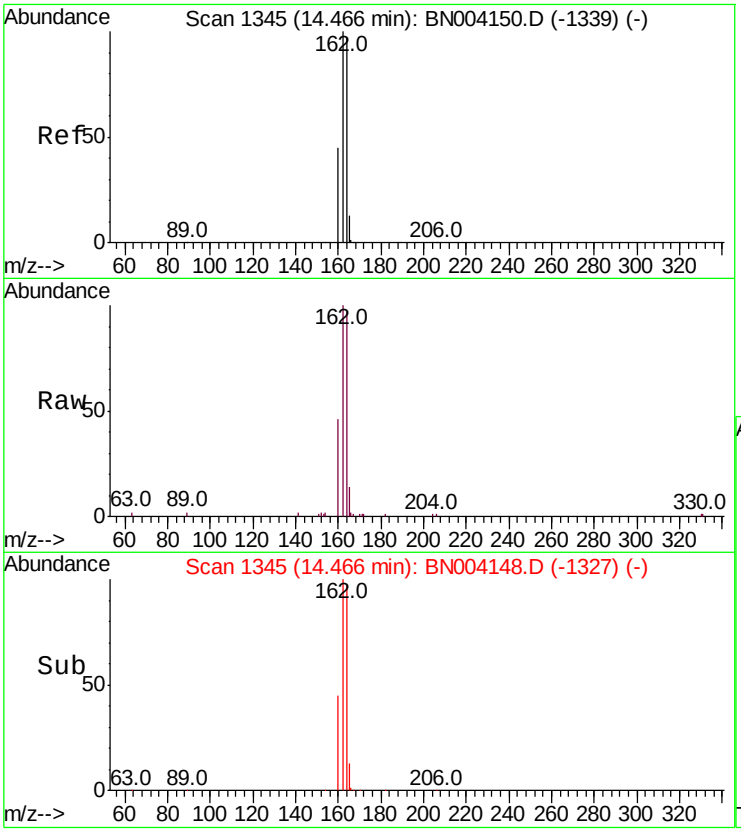


#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.29 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:142 Resp: 1687

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	38.3	27.0	40.6



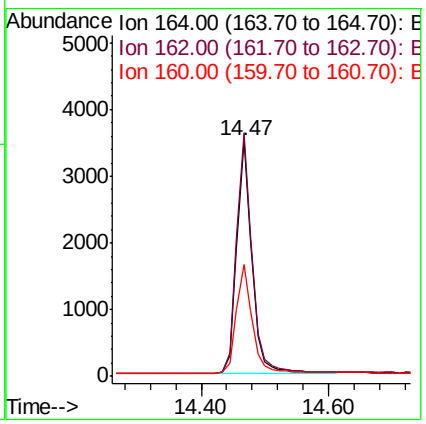


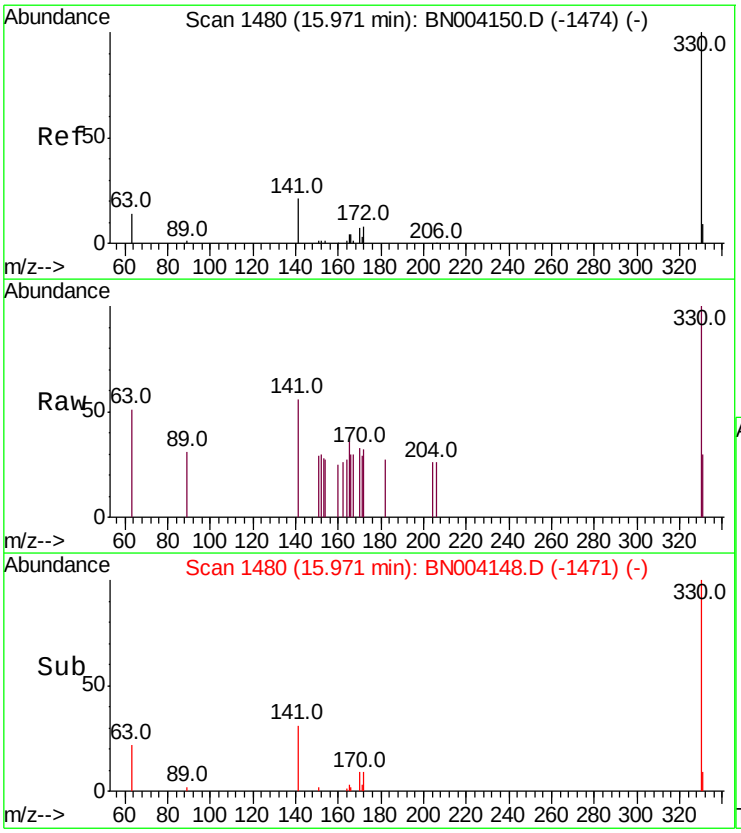
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5814

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	47.7	37.2	55.8

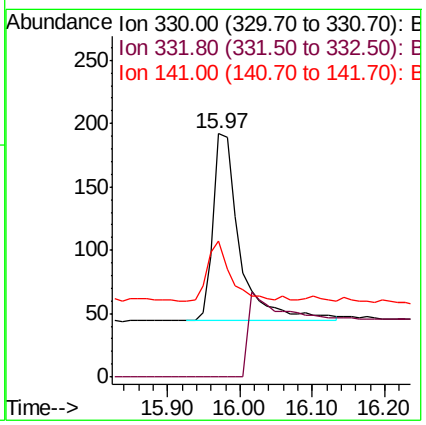


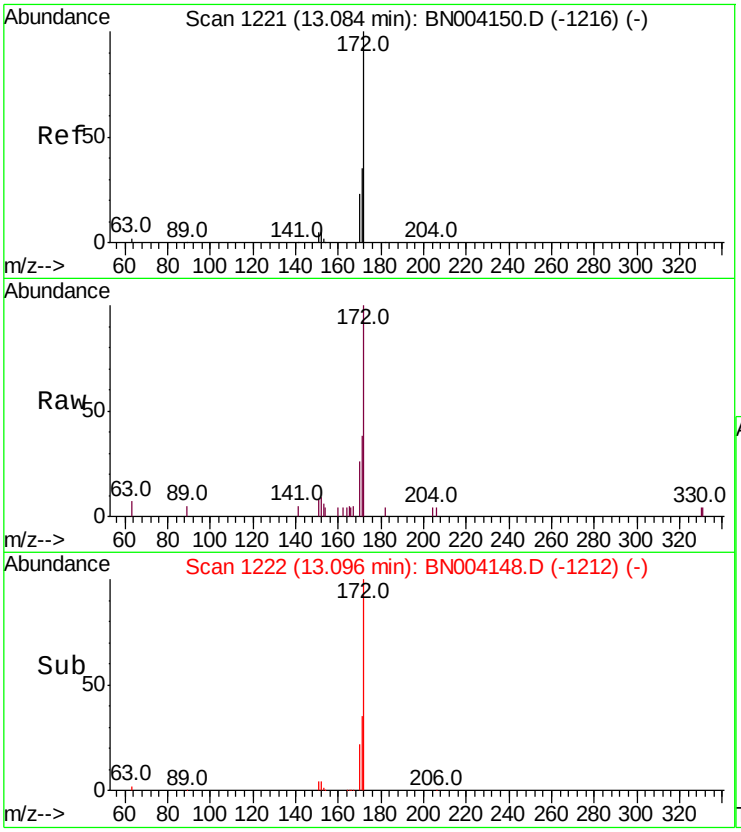


#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 15.97 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:330 Resp: 366

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.9	28.3	42.5#



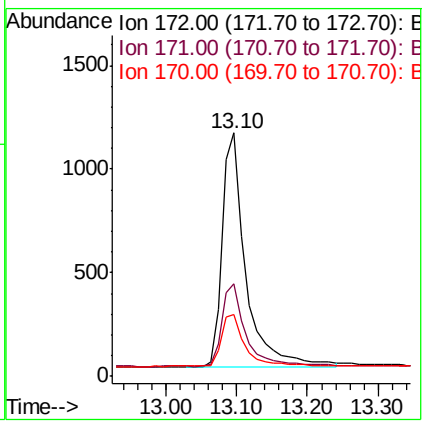


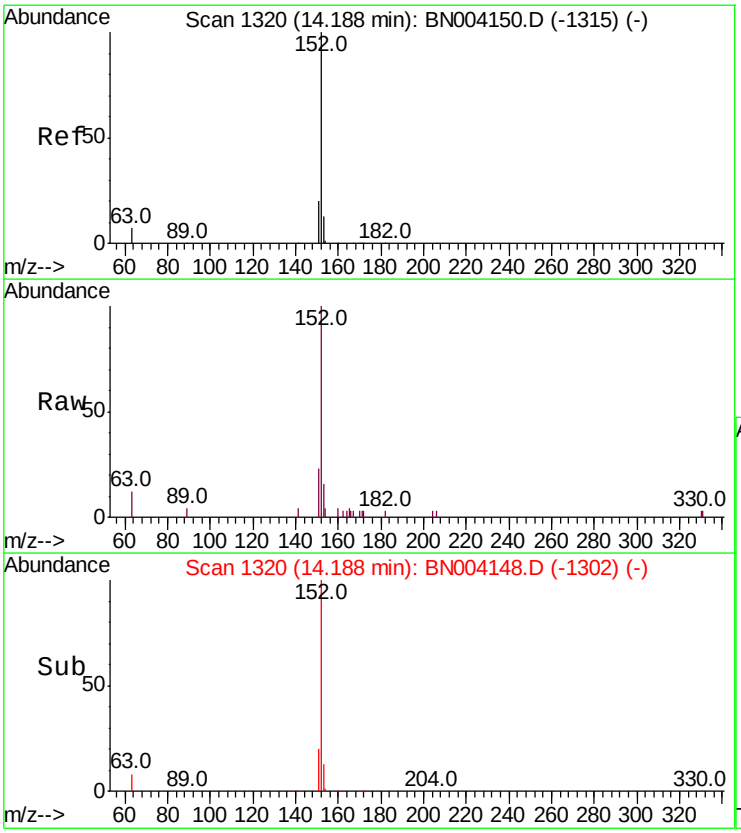
#15
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 13.10 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2666

Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.1	40.7
170	25.5	17.4	26.0

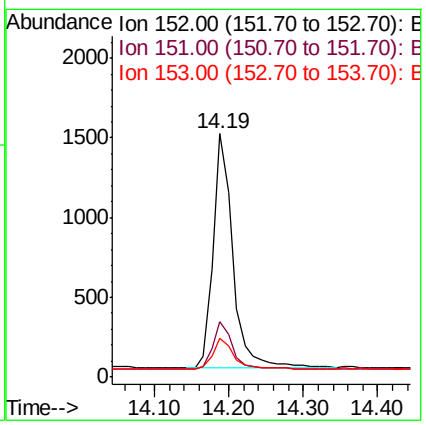


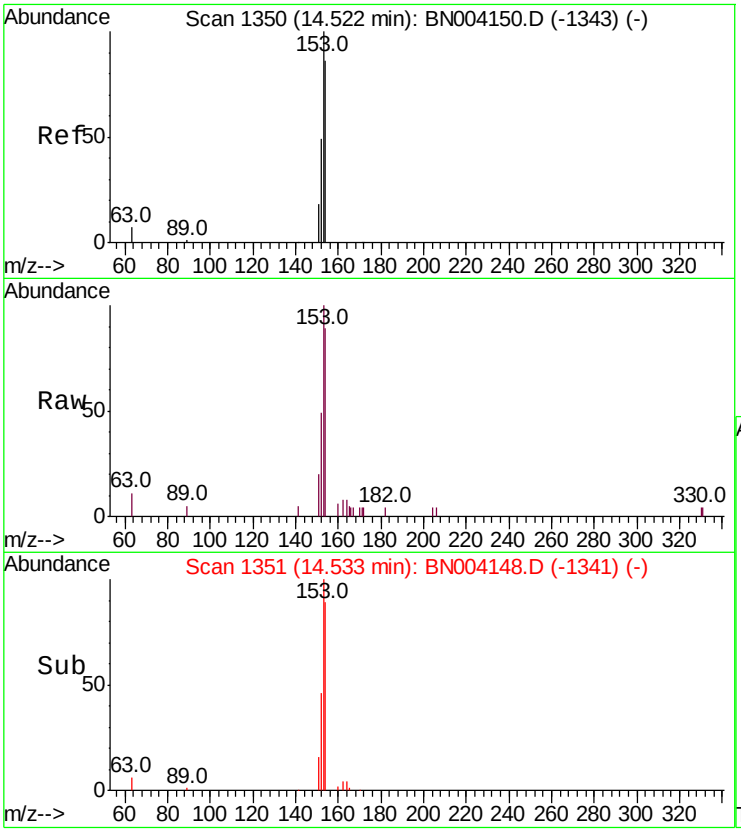


#16
Acenaphthylene
Concen: 0.105 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:152 Resp: 2712

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.4	10.6	15.8



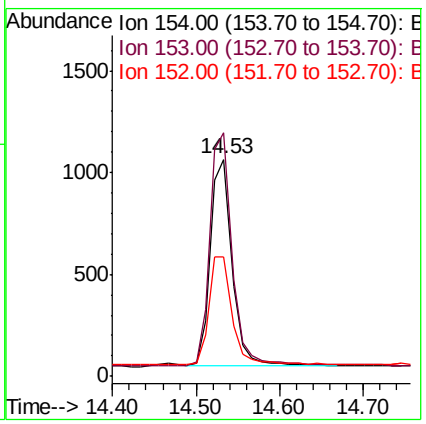


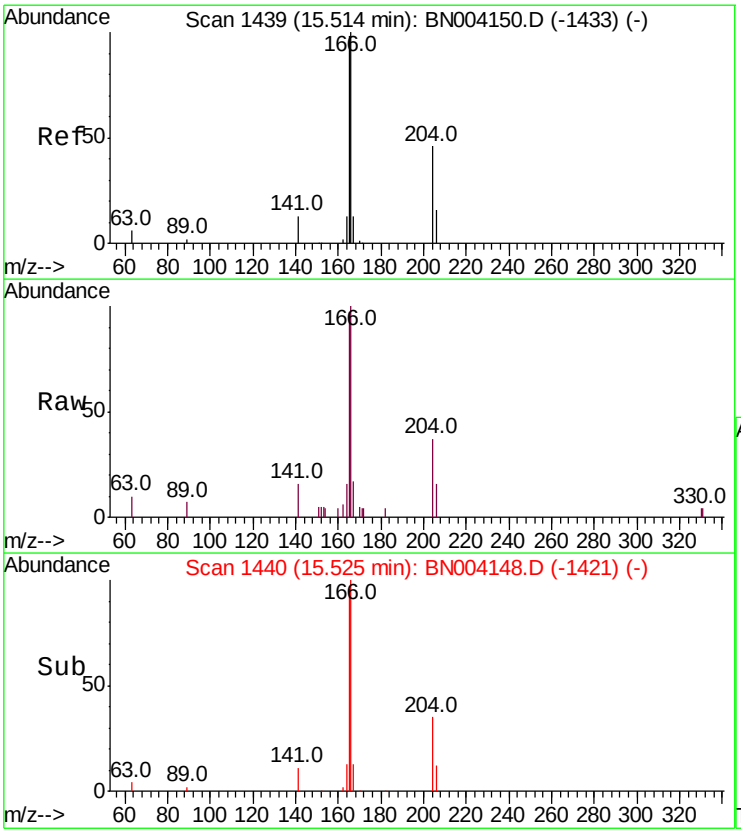
#17
Acenaphthene
Concen: 0.102 ng
RT: 14.53 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1832

Ion	Ratio	Lower	Upper
154	100		
153	116.2	88.9	133.3
152	55.1	43.5	65.3

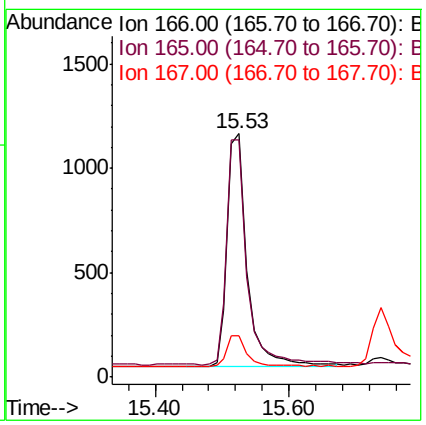


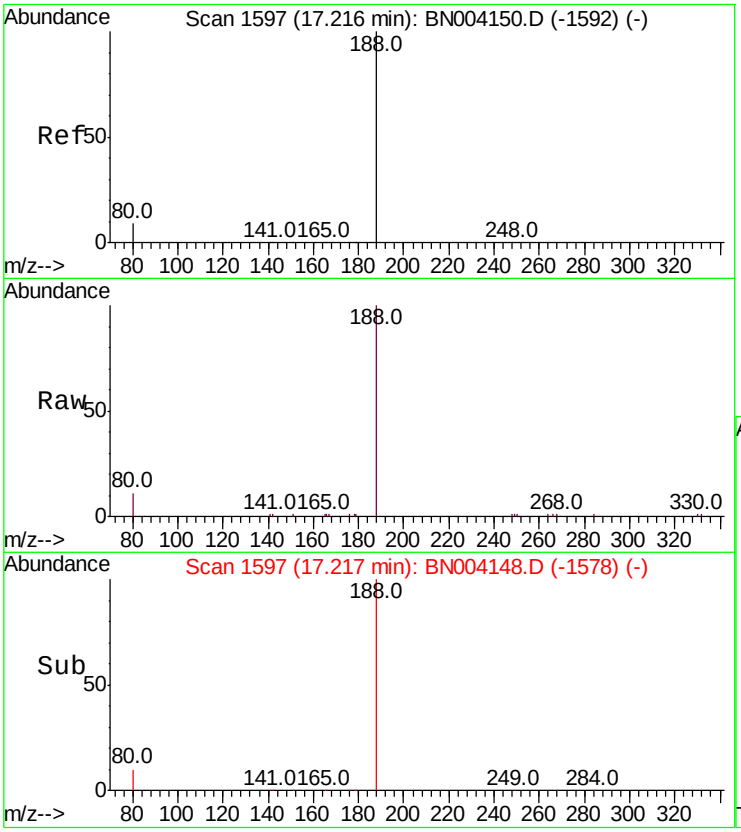


#18
Fluorene
Concen: 0.102 ng
RT: 15.53 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:166 Resp: 2293

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.3	10.9	16.3



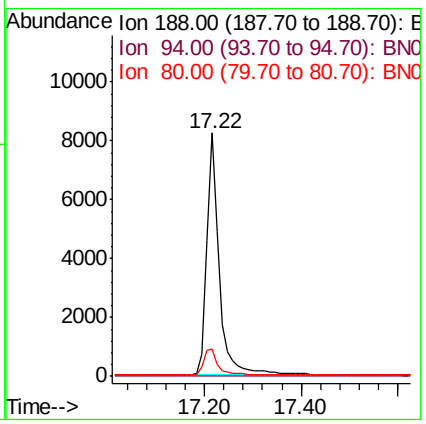


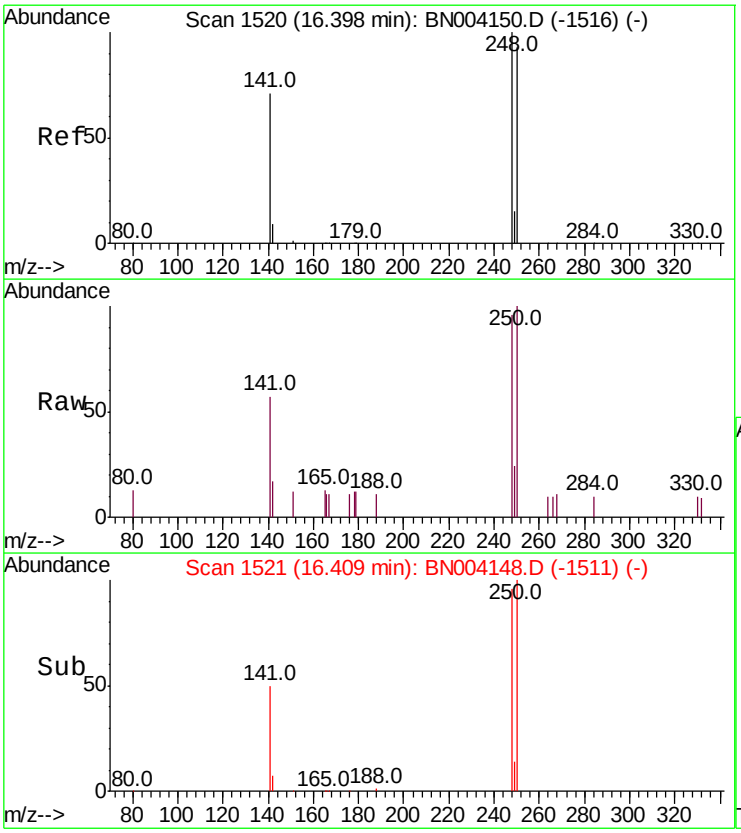
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14823

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.6	12.8

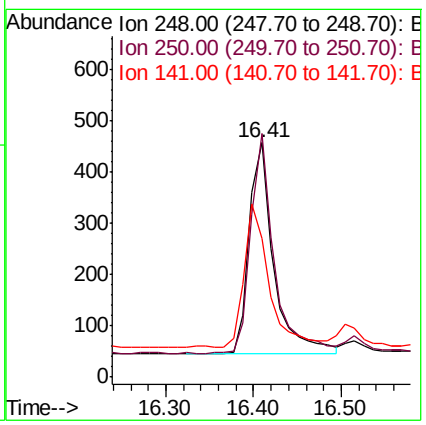


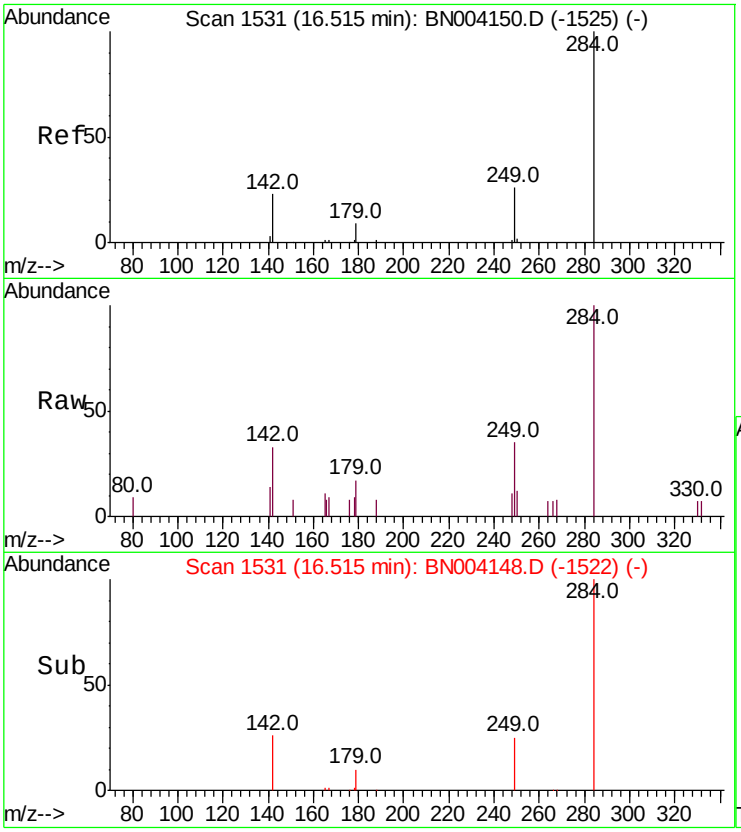


#20
4-Bromophenyl-phenylether
Concen: 0.094 ng
RT: 16.41 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:248 Resp: 807

Ion	Ratio	Lower	Upper
248	100		
250	103.9	83.7	125.5
141	59.3	31.4	47.0#



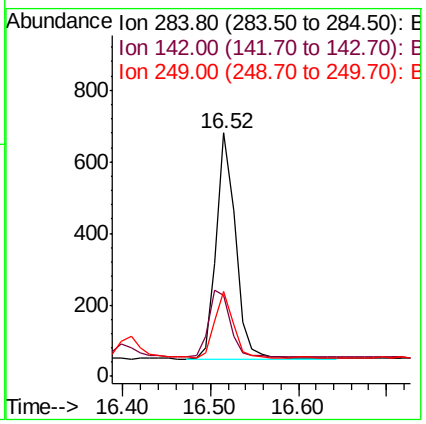


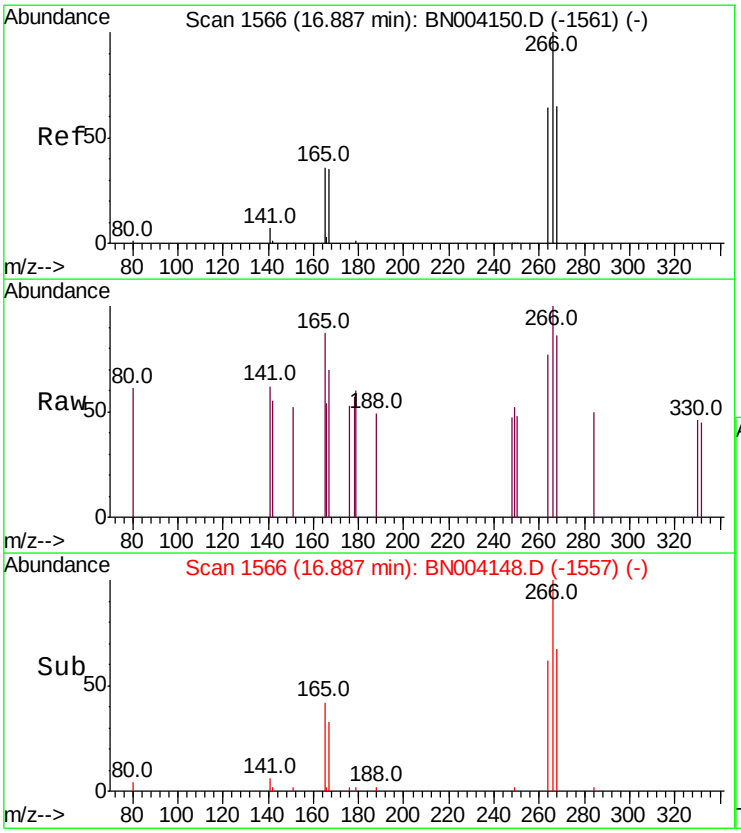
#21
Hexachlorobenzene
Concen: 0.107 ng
RT: 16.52 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 967

Ion	Ratio	Lower	Upper
284	100		
142	33.2	29.7	44.5
249	27.5	24.0	36.0

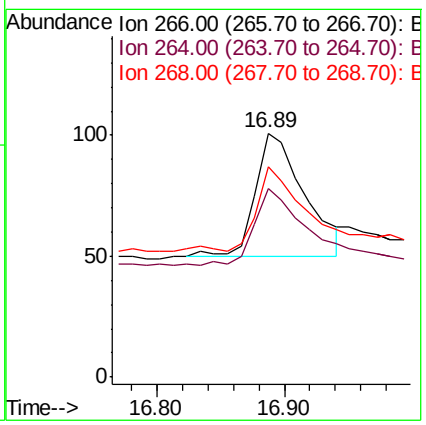


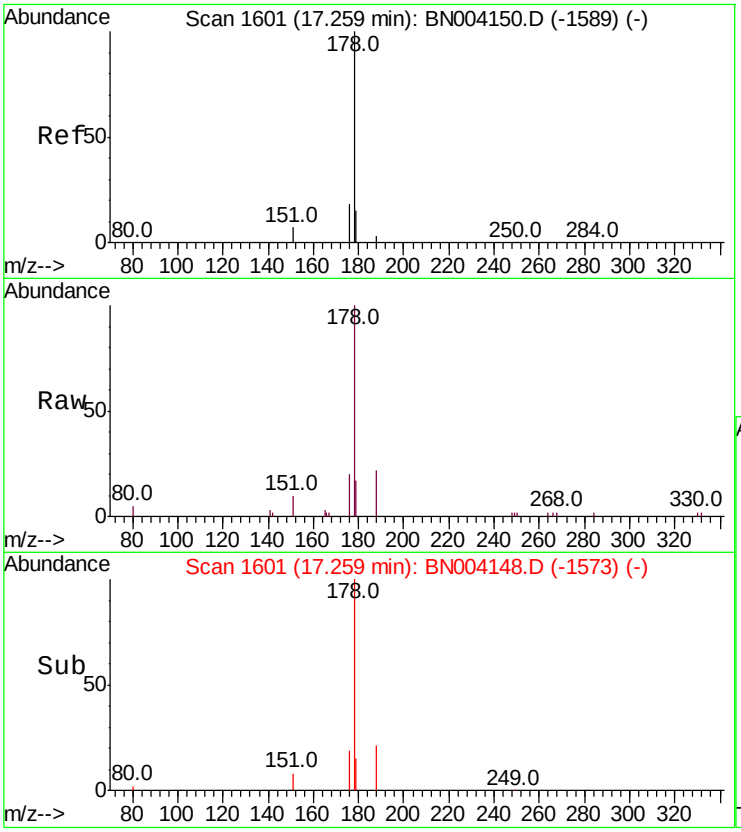


#22
Pentachlorophenol
Concen: 0.055 ng
RT: 16.89 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:266 Resp: 135

Ion	Ratio	Lower	Upper
266	100		
264	77.2	52.1	78.1
268	86.1	51.8	77.6#



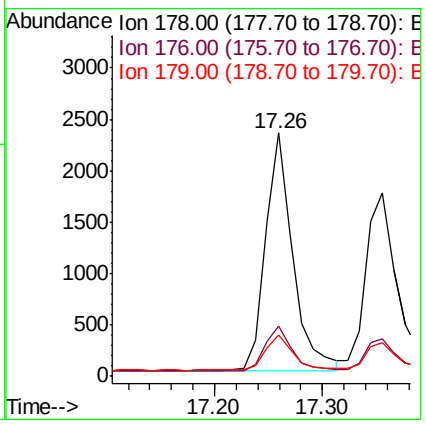


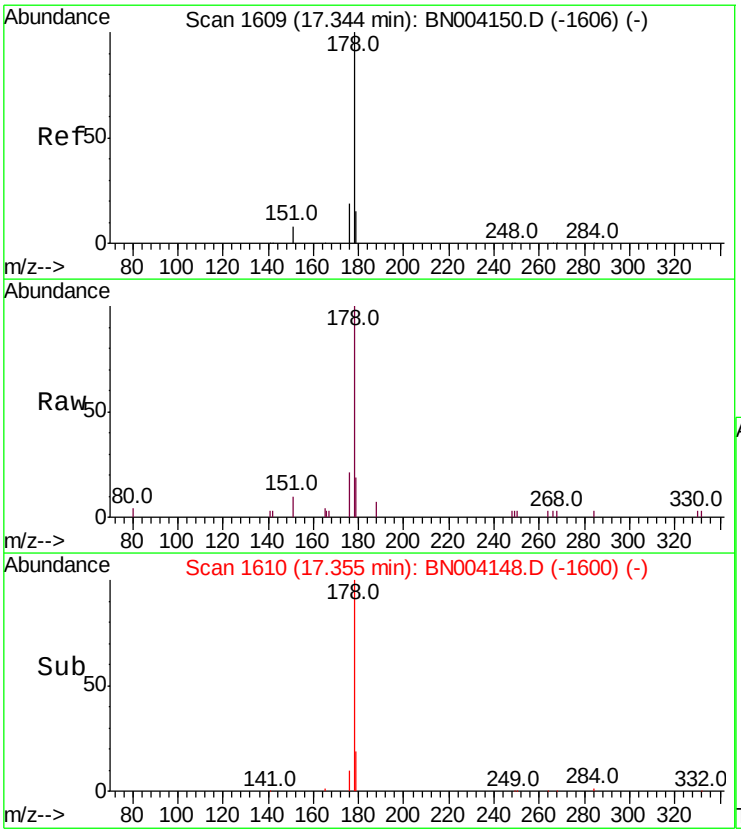
#23
Phenanthrene
Concen: 0.099 ng
RT: 17.26 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4020

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.0	12.4	18.6

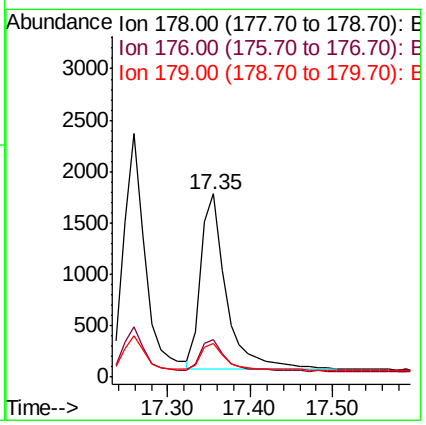


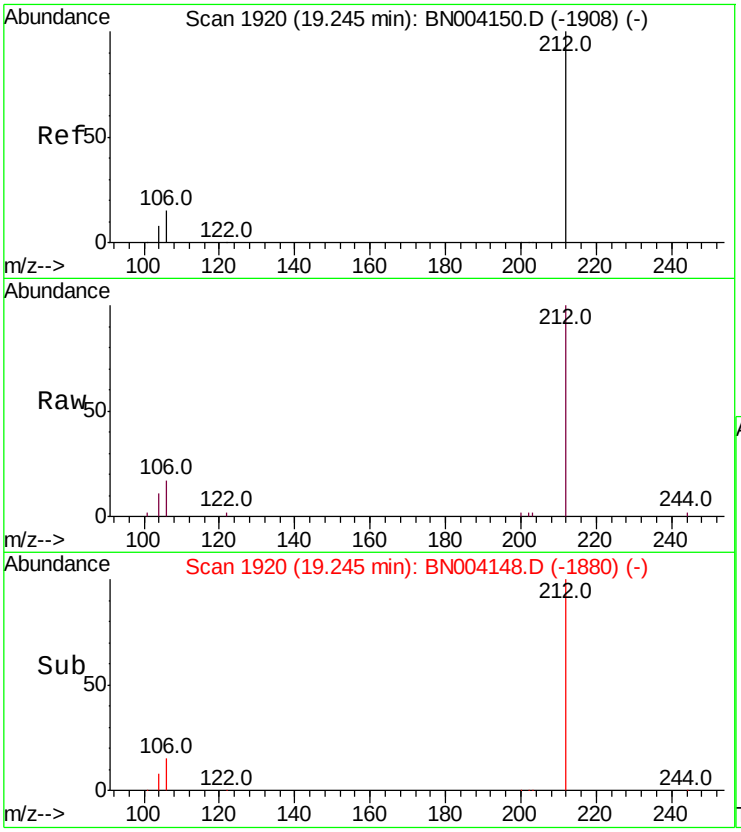


#24
Anthracene
Concen: 0.102 ng
RT: 17.35 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:178 Resp: 3545

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.2	18.4



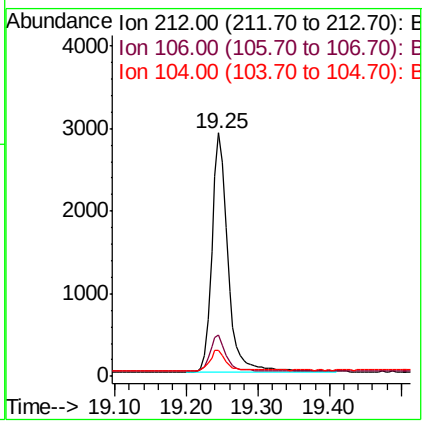


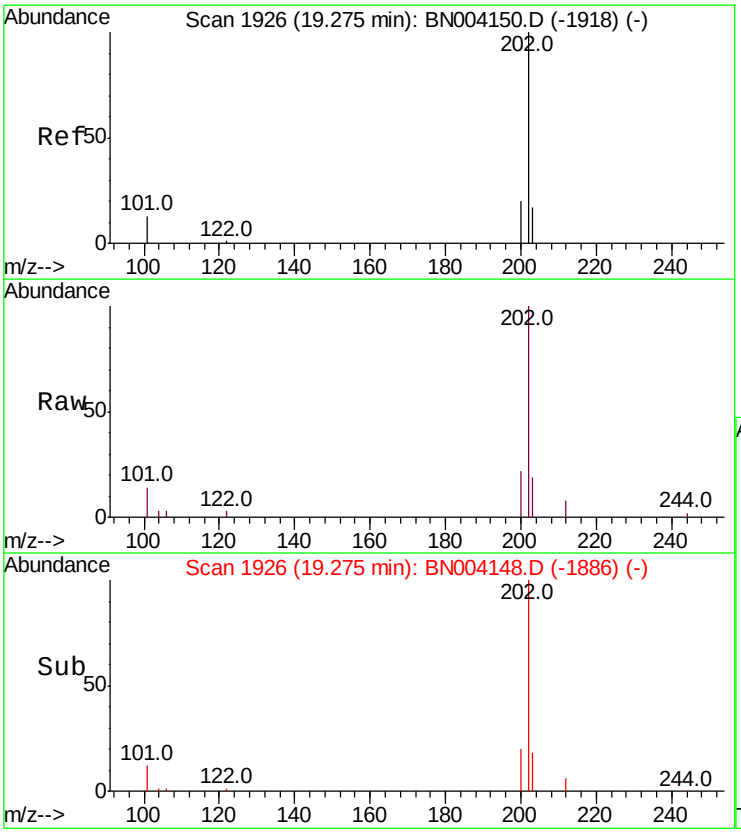
#25
Fluoranthene-d10
Concen: 0.103 ng
RT: 19.25 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4458

Ion	Ratio	Lower	Upper
212	100		
106	15.1	10.3	15.5
104	8.3	5.6	8.4

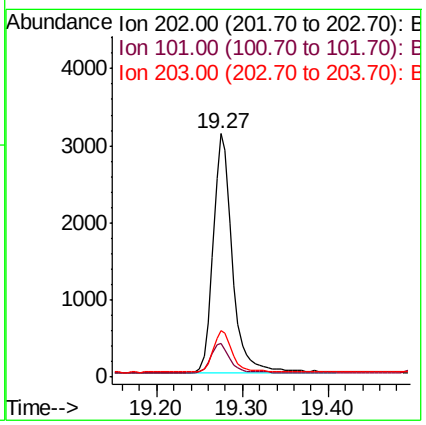


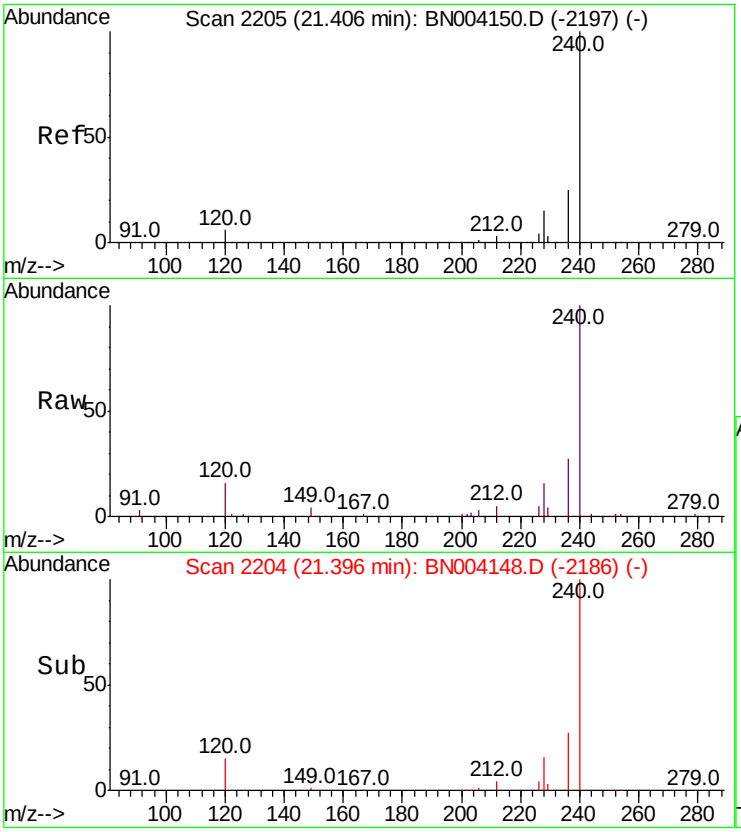


#26
Fluoranthene
Concen: 0.102 ng
RT: 19.27 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:202 Resp: 4781

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.0	13.4
203	17.2	13.8	20.6



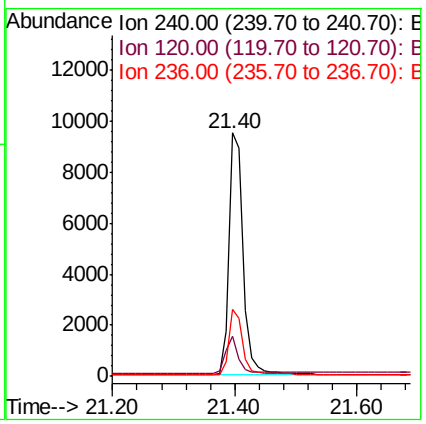


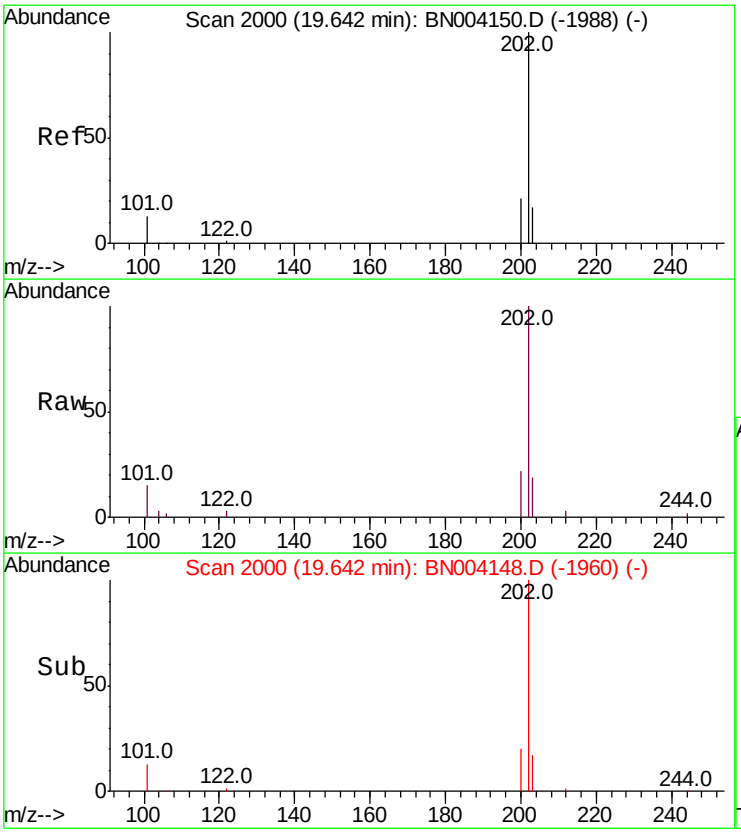
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 15474

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.3	13.9#
236	27.4	21.0	31.4

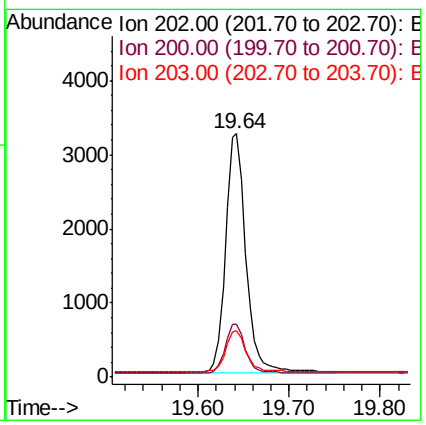


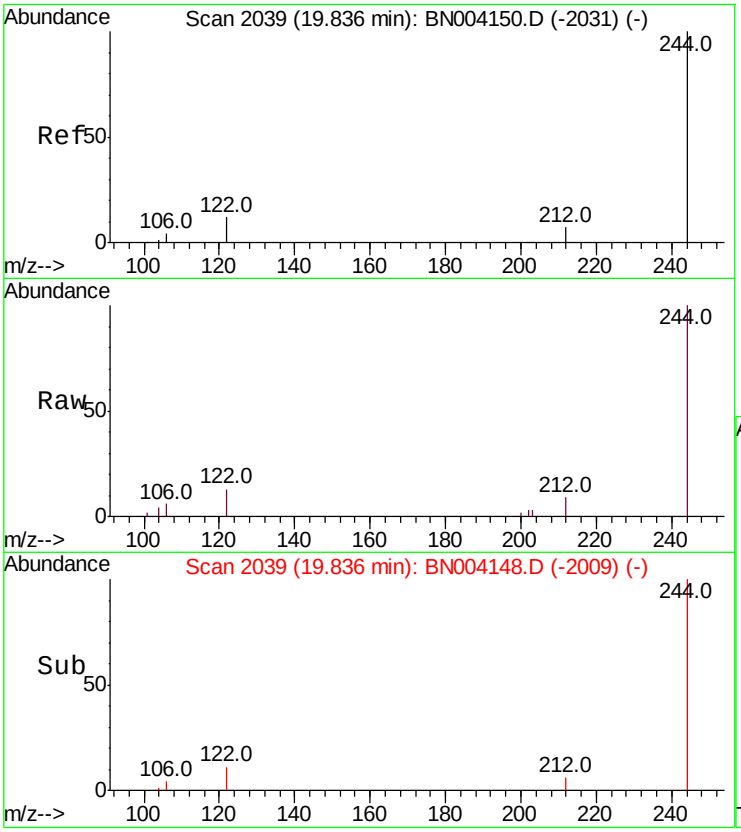


#28
Pyrene
Concen: 0.117 ng
RT: 19.64 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:202 Resp: 5007

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.3	13.9	20.9



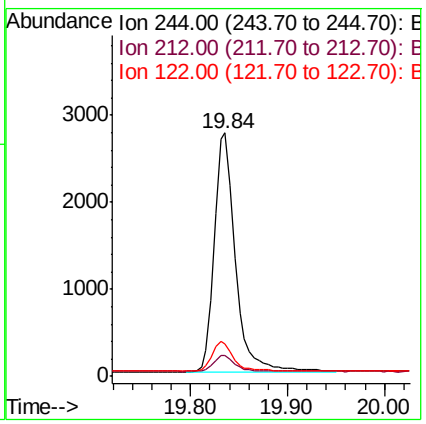


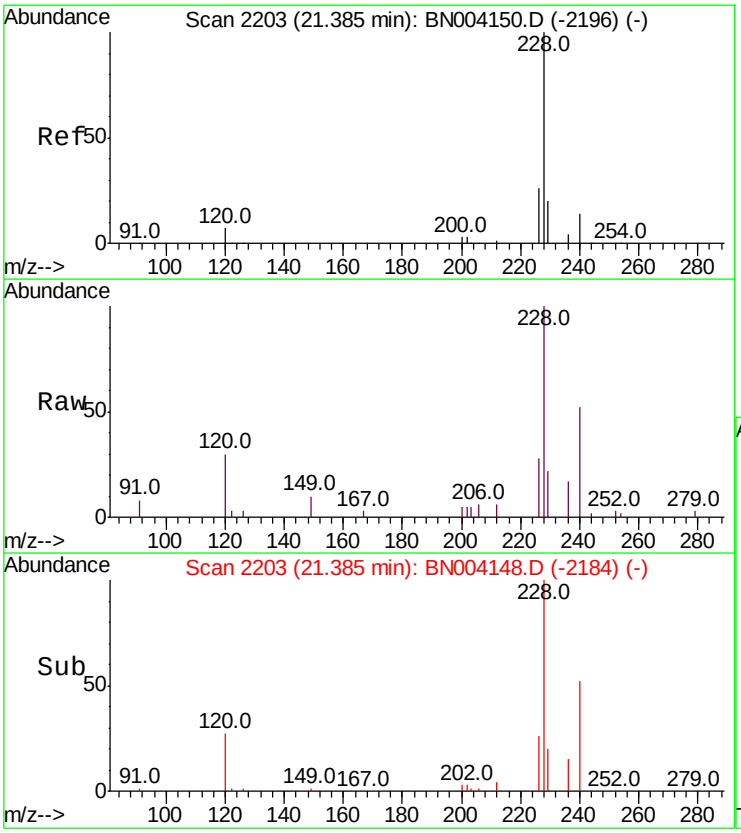
#29
Terphenyl-d14
Concen: 0.117 ng
RT: 19.84 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4195

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.6	8.4#
122	13.3	8.5	12.7#

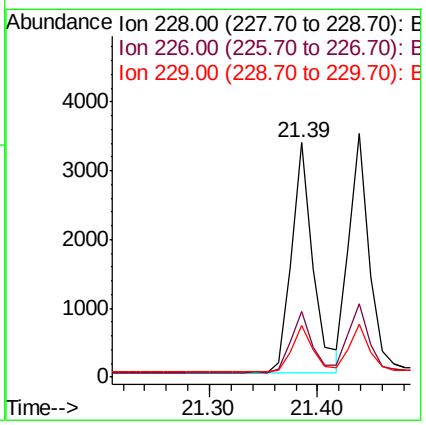


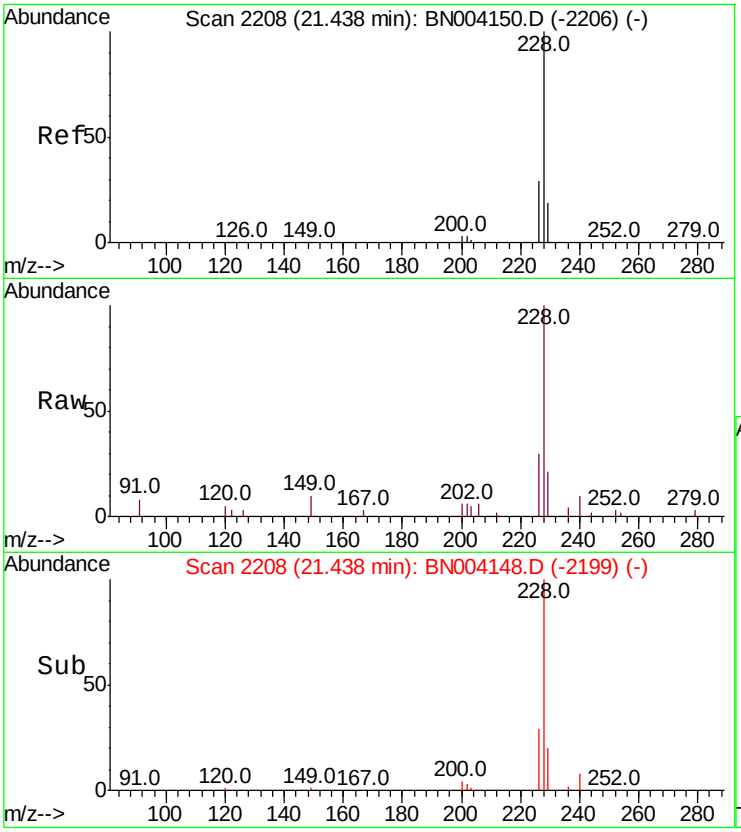


#30
Benzo(a)anthracene
Concen: 0.113 ng
RT: 21.39 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:228 Resp: 4602

Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.8	31.2
229	21.8	16.1	24.1



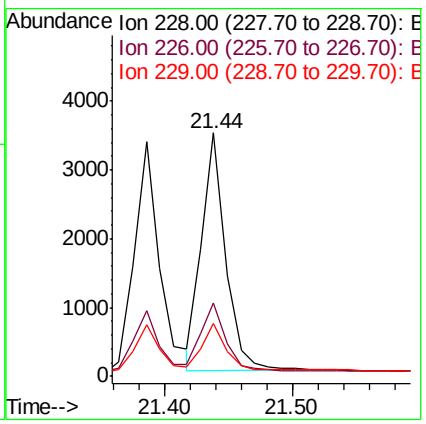


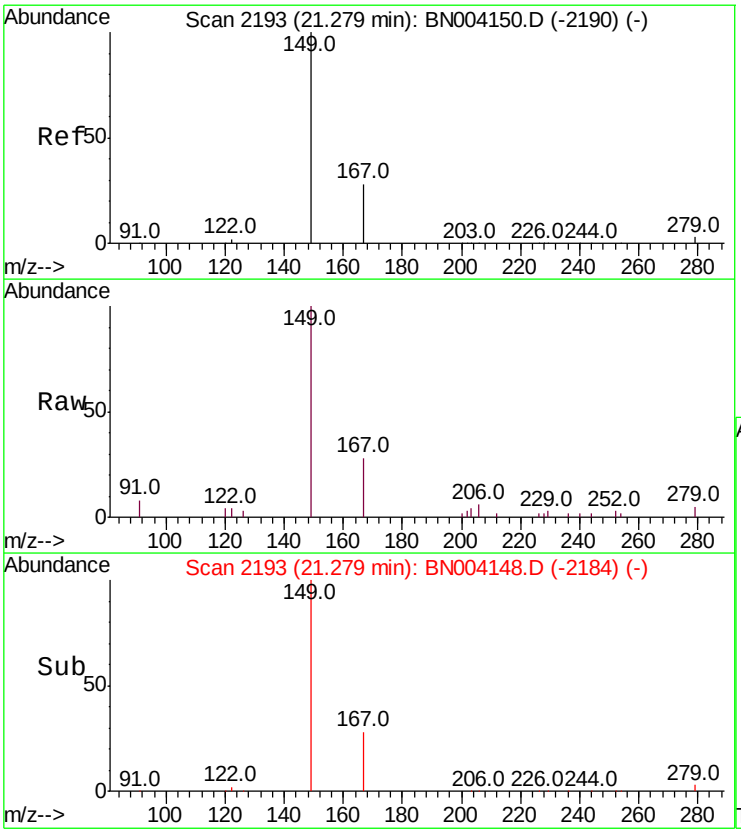
#31
Chrysene
Concen: 0.104 ng
RT: 21.44 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4557

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.7	34.1
229	21.5	16.0	24.0

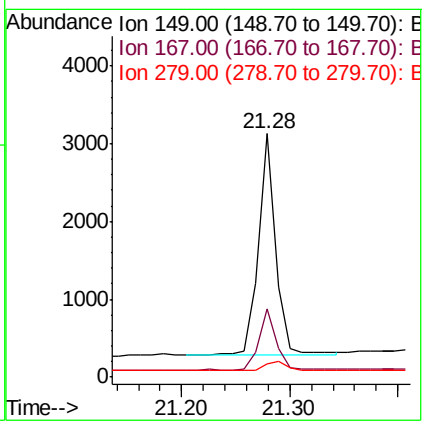


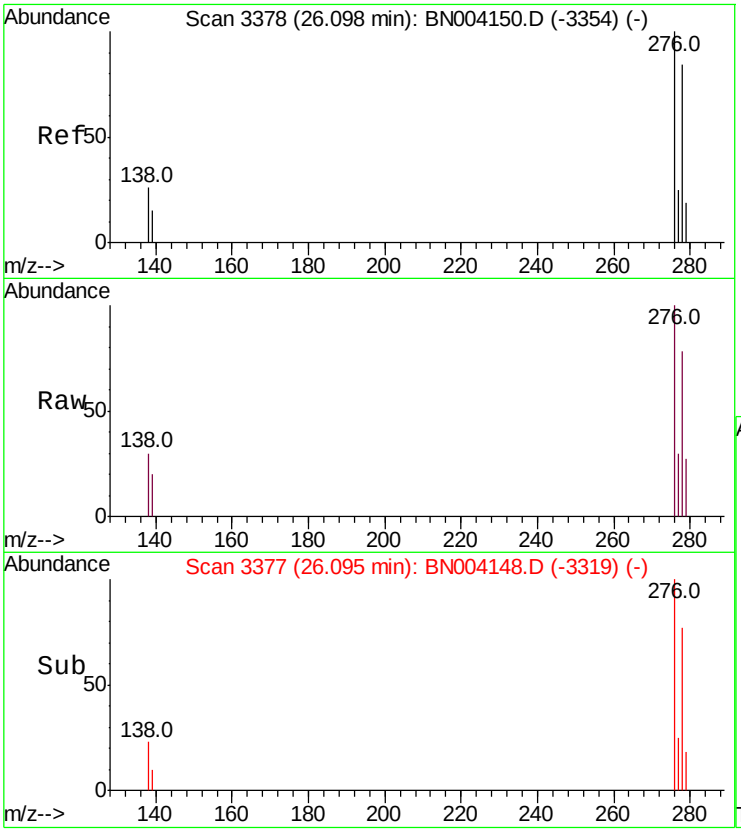


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.260 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:149 Resp: 3120

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	5.6	3.9	5.9



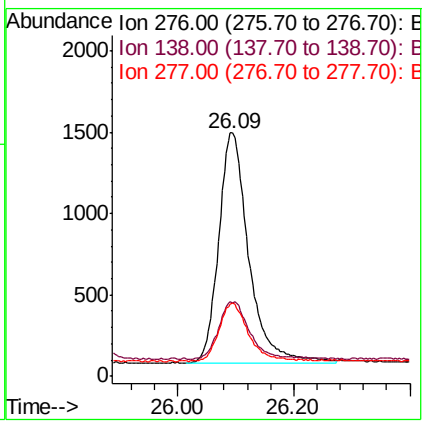


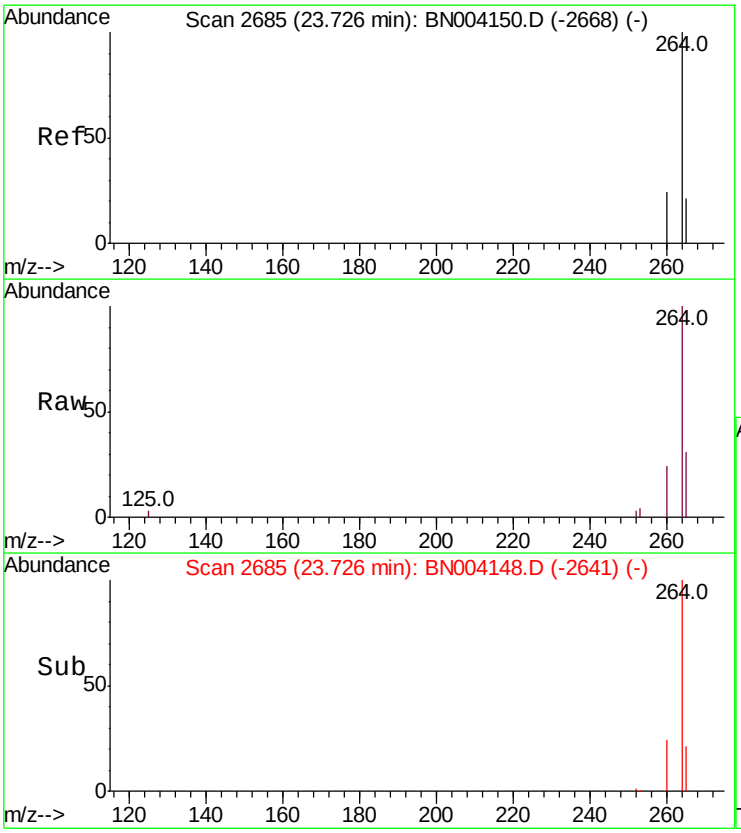
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5067

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	30.8
277	24.8	20.0	30.0

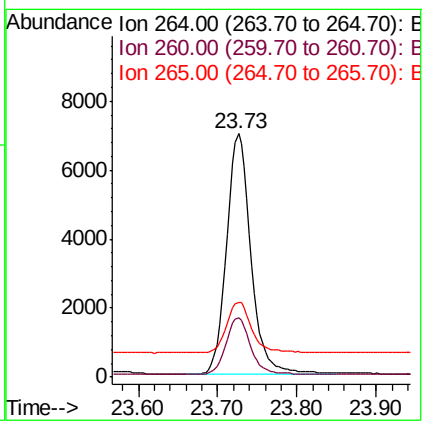


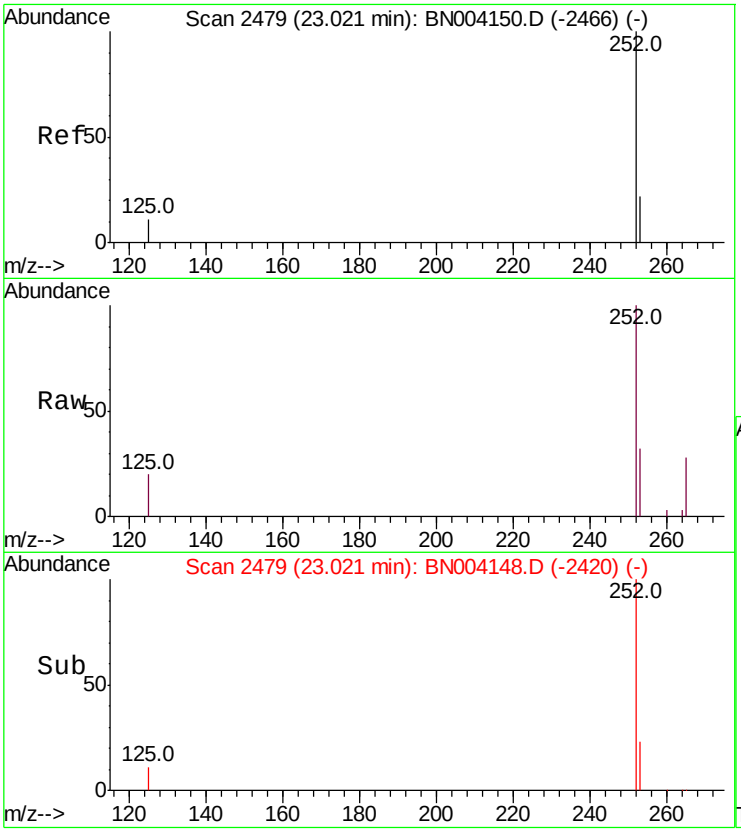


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:264 Resp: 14894

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	30.8	26.4	39.6



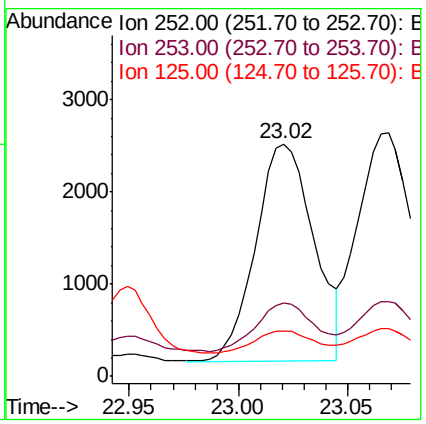


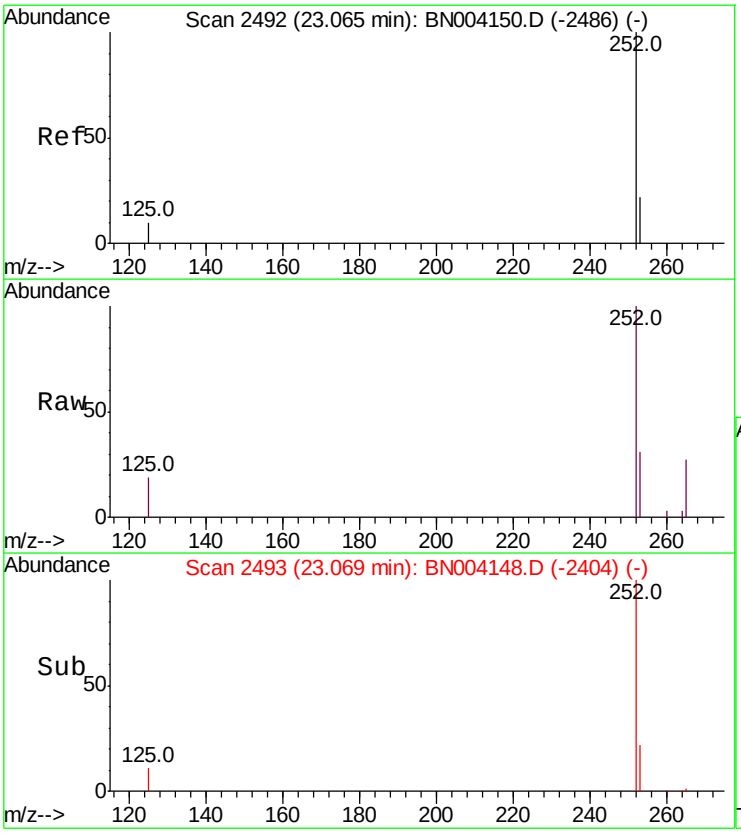
#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 23.02 min Scan# 2479
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4403

Ion	Ratio	Lower	Upper
252	100		
253	31.8	19.3	28.9#
125	19.7	12.7	19.1#

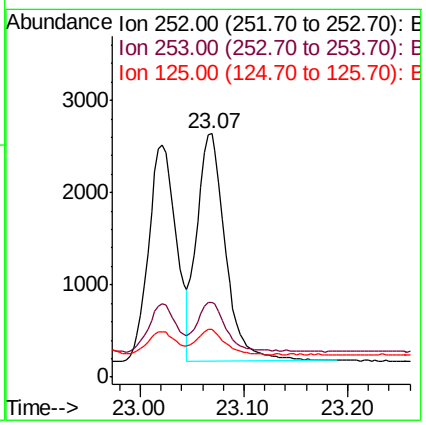


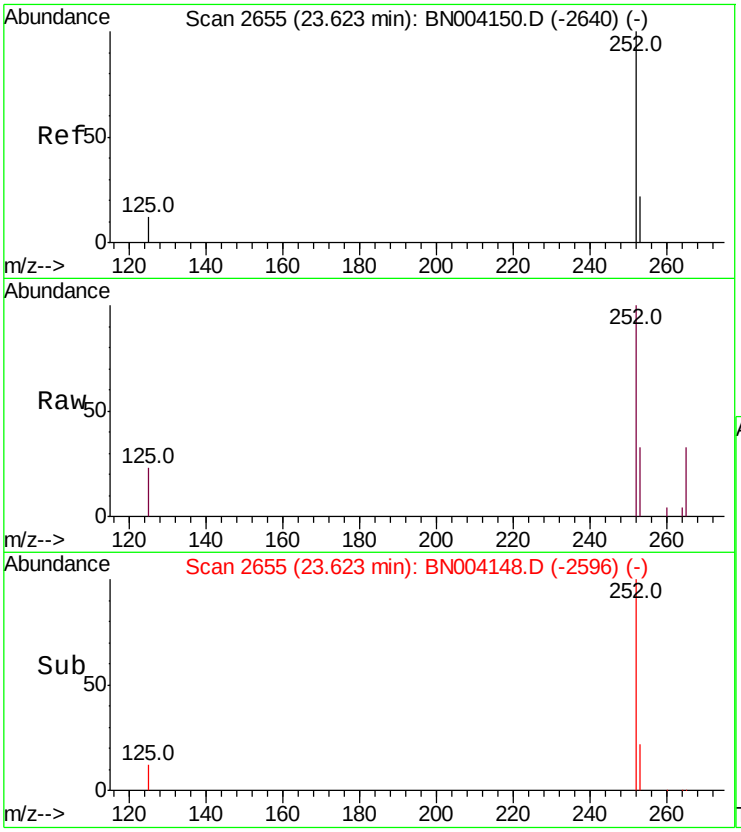


#36
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 23.07 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:252 Resp: 4737

Ion	Ratio	Lower	Upper
252	100		
253	30.8	18.5	27.7#
125	19.4	9.1	13.7#



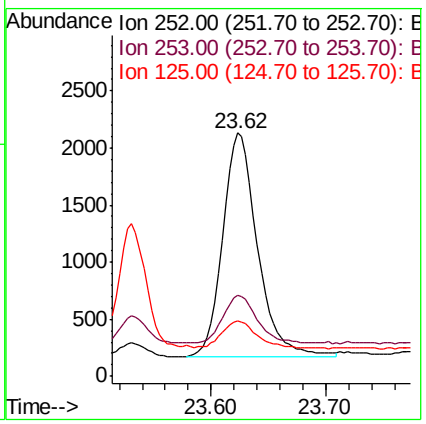


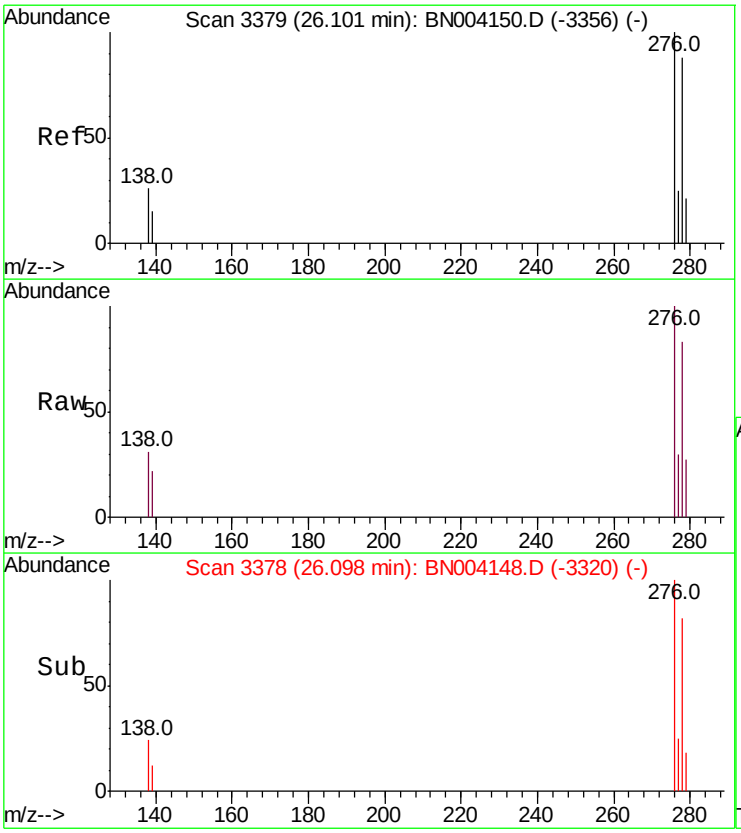
#37
Benzo(a)pyrene
Concen: 0.098 ng
RT: 23.62 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4152

Ion	Ratio	Lower	Upper
252	100		
253	33.3	20.1	30.1#
125	22.7	16.0	24.0

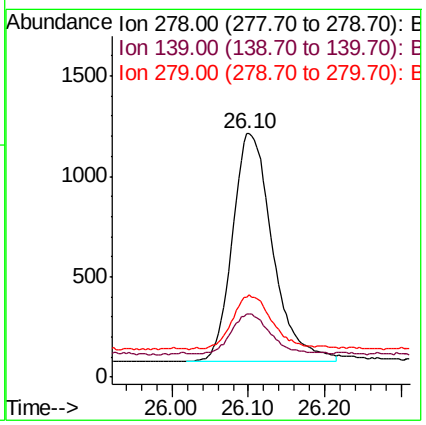


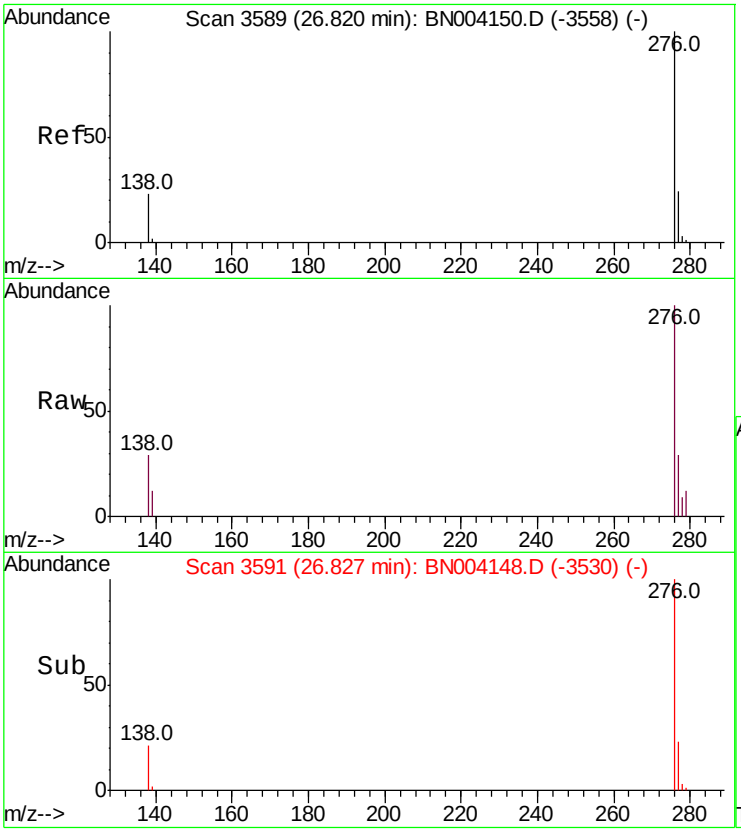


#38
Dibenzo(a,h)anthracene
Concen: 0.105 ng
RT: 26.10 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Tgt Ion:278 Resp: 4133

Ion	Ratio	Lower	Upper
278	100		
139	26.1	13.5	20.3#
279	32.6	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.107 ng
RT: 26.83 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BN004148.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4220

Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.5	29.3#
138	28.8	17.4	26.2#