Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004857.D
Acq On : 21 Mar 2019 19:24
Operator : JU/SJ
Sample : PB117788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB117788BS

Quant Time: Mar 22 02:01:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1700	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	7335	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	4572	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	12802	0.40	ng		0.00
27) Chrysene-d12	21.29	240	16721	0.40	ng		0.00
34) Perylene-d12	23.55	264	18428	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	1050	0.23	ng		0.00
5) Phenol-d6	6.89	99	1270	0.22	ng		0.00
8) Nitrobenzene-d5	8.87	82	908	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	3302	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	518	0.16	ng		0.01
15) 2-Fluorobiphenyl	12.96	172	4220	0.22	ng		0.00
25) Fluoranthene-d10	19.13	212	8772	0.20	ng		0.00
29) Terphenyl-d14	19.73	244	7420	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	314	0.162	ng	#	40
3) n-Nitrosodimethylamine	3.58	42	190	0.166	ng	#	98
6) bis(2-Chloroethyl)ether	7.14	93	1008	0.194	ng		97
9) Naphthalene	10.53	128	4265	0.207	ng		97
10) Hexachlorobutadiene	10.80	225	782	0.199	ng	#	97
12) 2-Methylnaphthalene	12.15	142	3124	0.204	ng		98
16) Acenaphthylene	14.07	152	4438	0.188	ng		100
17) Acenaphthene	14.40	154	3102	0.201	ng		100
18) Fluorene	15.39	166	4349	0.202	ng		98
20) 4-Bromophenyl-phenylether	16.28	248	1536	0.184	ng		95
21) Hexachlorobenzene	16.39	284	1823	0.190	ng		97
22) Pentachlorophenol	16.78	266	130	0.069	ng	#	84
23) Phenanthrene	17.13	178	7987	0.193	ng		99
24) Anthracene	17.23	178	6889	0.187	ng		100
26) Fluoranthene	19.16	202	9990	0.188	ng		100
28) Pyrene	19.53	202	10310	0.202	ng		99
30) Benzo(a)anthracene	21.28	228	10431	0.190	ng		98
31) Chrysene	21.33	228	11822	0.205	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	3224	0.147	ng		99
33) Indeno(1,2,3-cd)pyrene	25.83	276	15393	0.184	ng		100
35) Benzo(b)fluoranthene	22.87	252	12971	0.195	ng		97
36) Benzo(k)fluoranthene	22.91	252	13155	0.201	ng		98
37) Benzo(a)pyrene	23.45	252	12147	0.199	ng		96
38) Dibenzo(a,h)anthracene	25.83	278	12838	0.181	ng		97
39) Benzo(g,h,i)perylene	26.52	276	13274	0.184	ng		98

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

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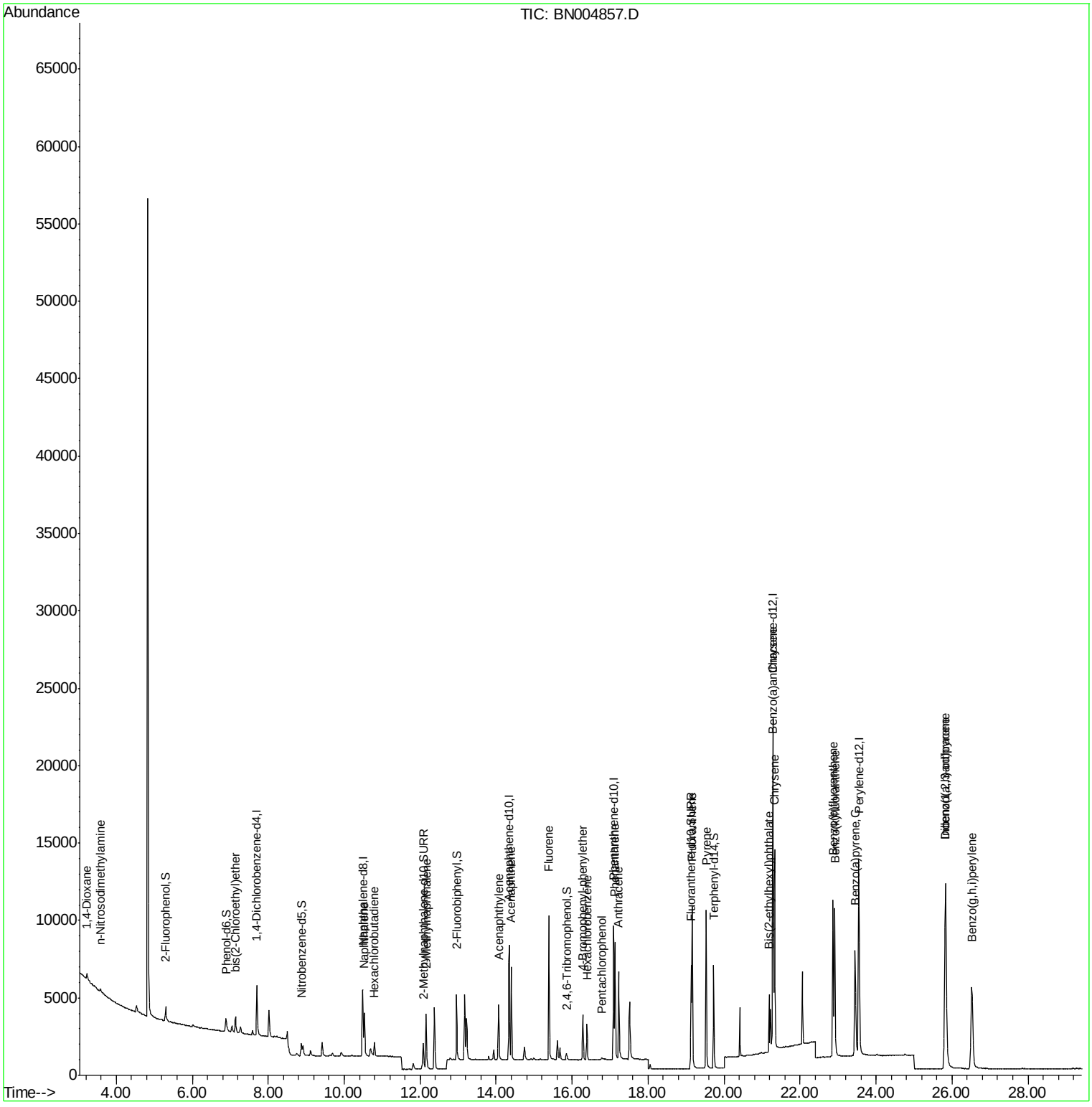
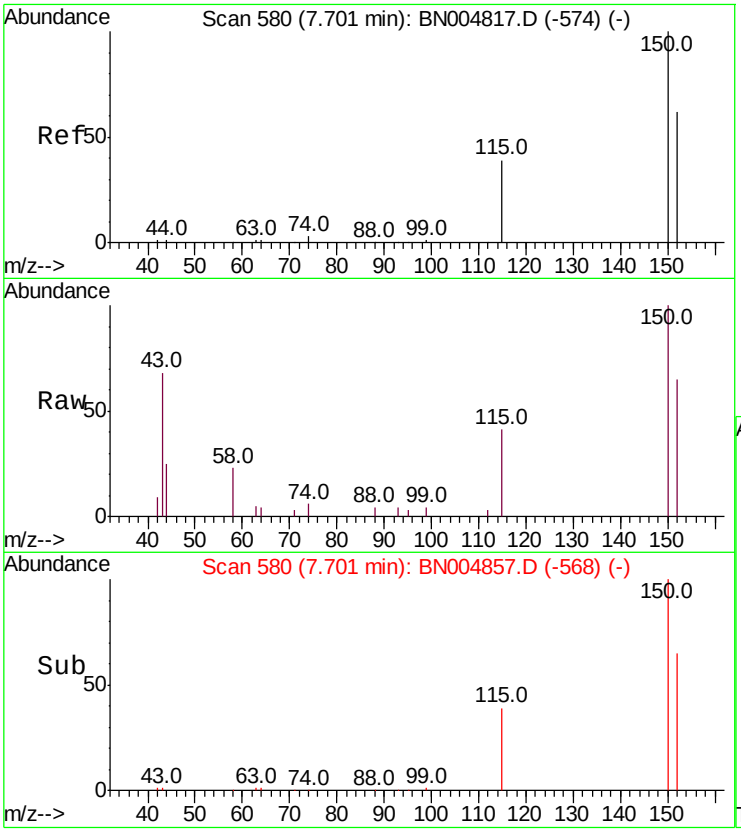
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Quant Time: Mar 22 02:01:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



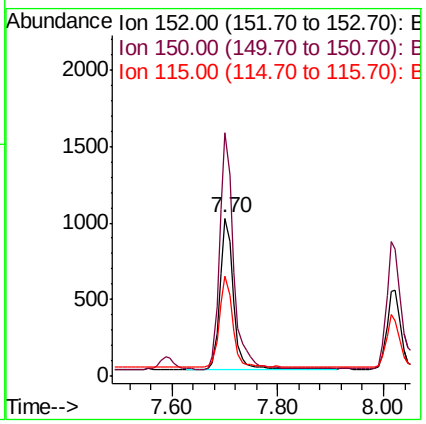


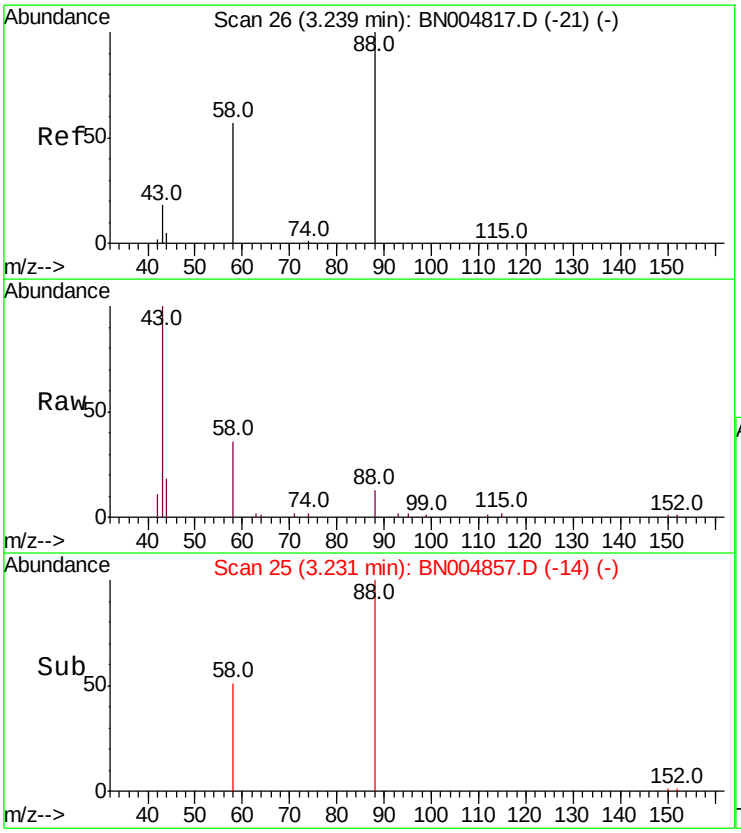
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:152 Resp: 1700

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.4
115	63.0	52.6	79.0

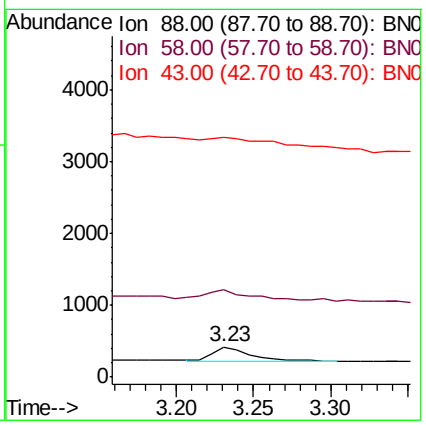


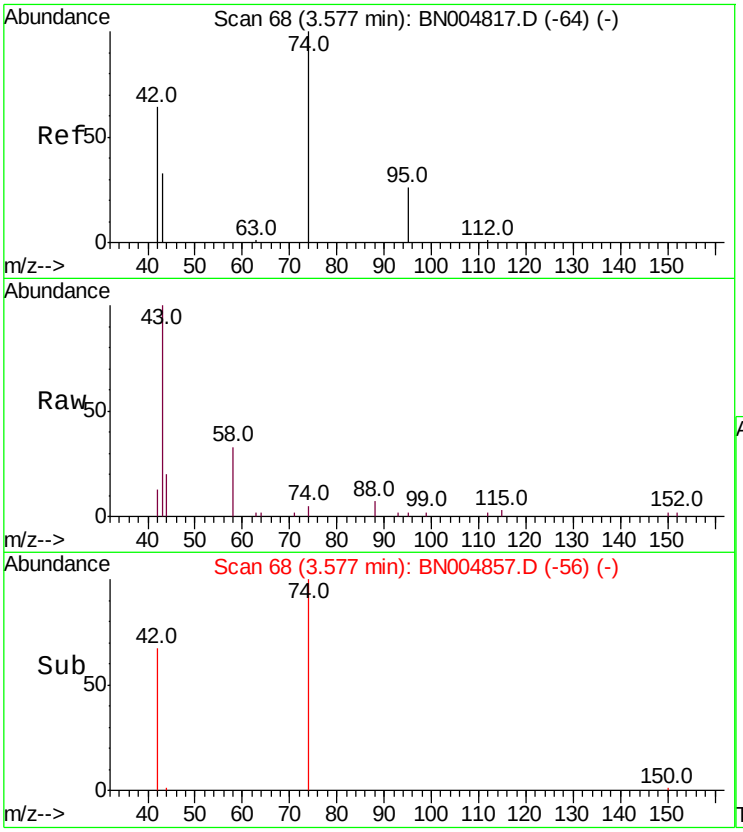


#2
1,4-Dioxane
Concen: 0.162 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion: 88 Resp: 314

Ion	Ratio	Lower	Upper
88	100		
58	115.0	51.4	77.2#
43	0.0	20.0	30.0#



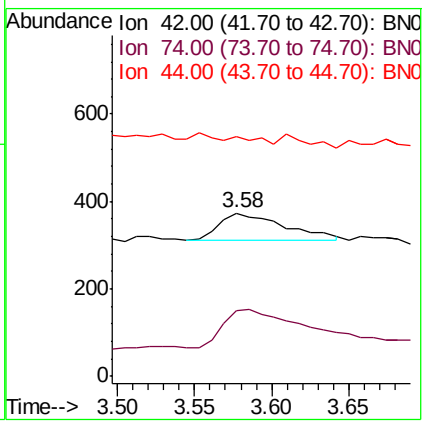


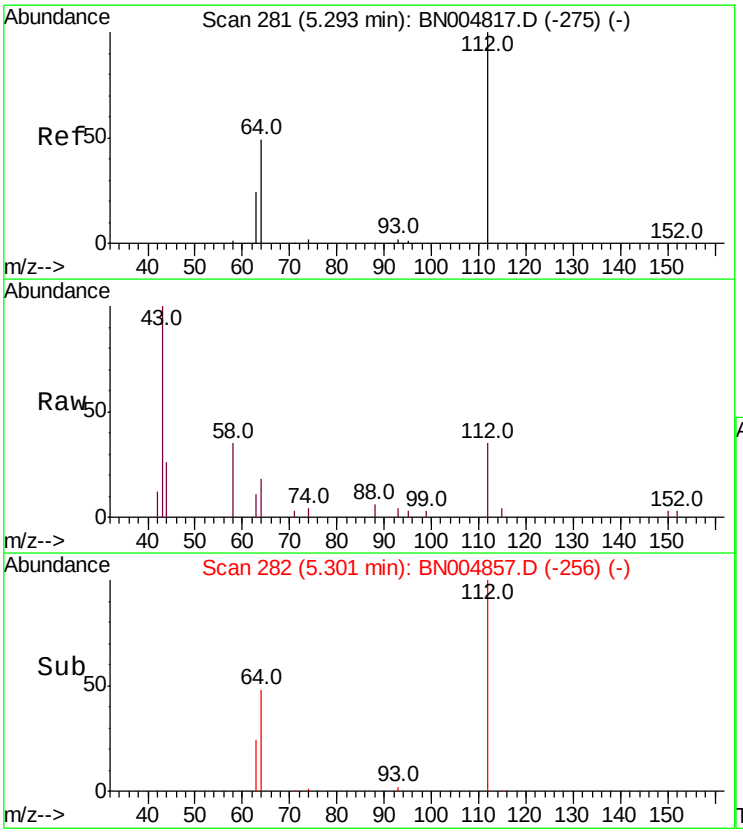
#3
n-Nitrosodimethylamine
Concen: 0.166 ng
RT: 3.58 min Scan# 68
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion: 42 Resp: 190

Ion	Ratio	Lower	Upper
42	100		
74	158.9	128.4	192.6
44	0.0	6.1	9.1#

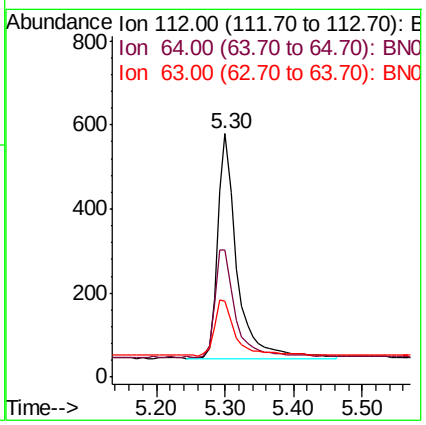


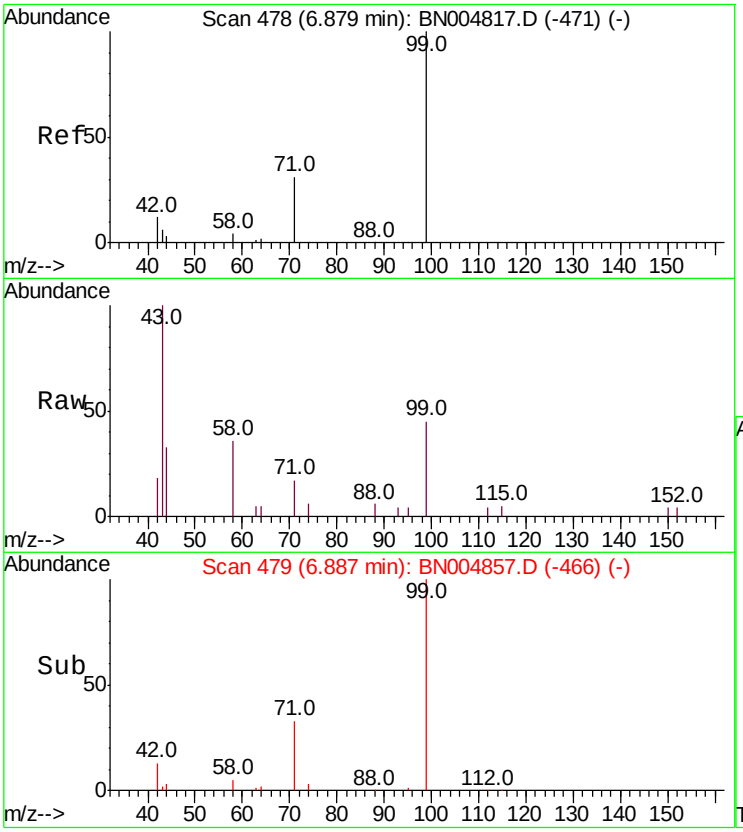


#4
2-Fluorophenol
Concen: 0.227 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:112 Resp: 1050

Ion	Ratio	Lower	Upper
112	100		
64	52.0	40.0	60.0
63	27.0	20.2	30.2



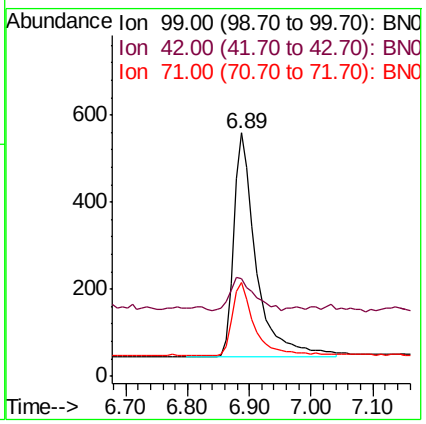


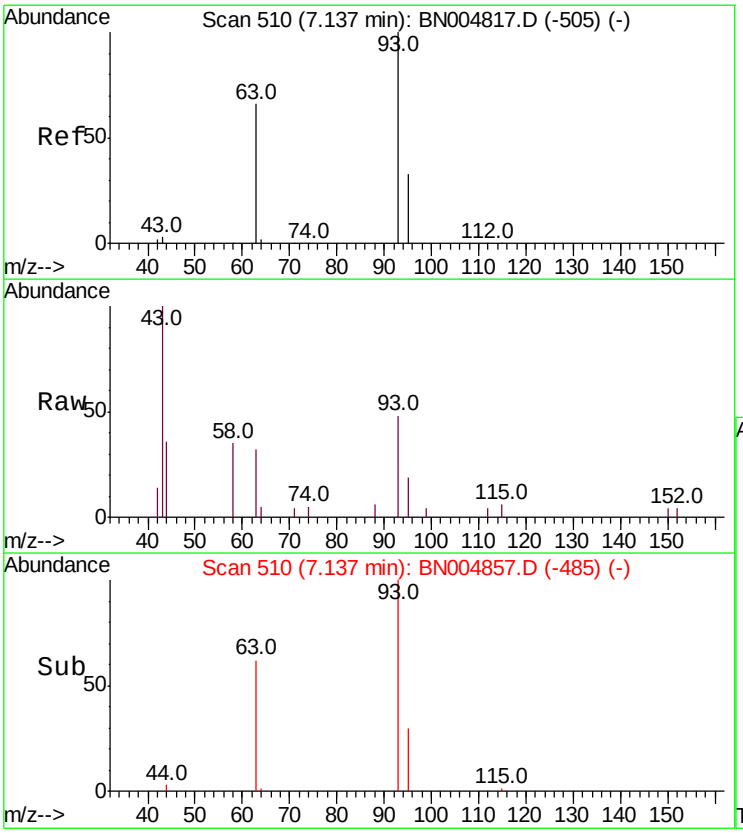
#5
Phenol-d6
Concen: 0.221 ng
RT: 6.89 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion: 99 Resp: 1270

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.7	19.1
71	32.3	26.6	40.0

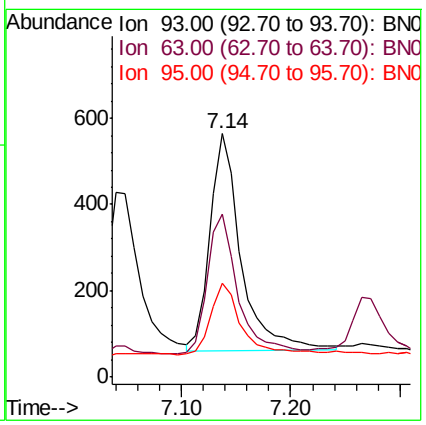


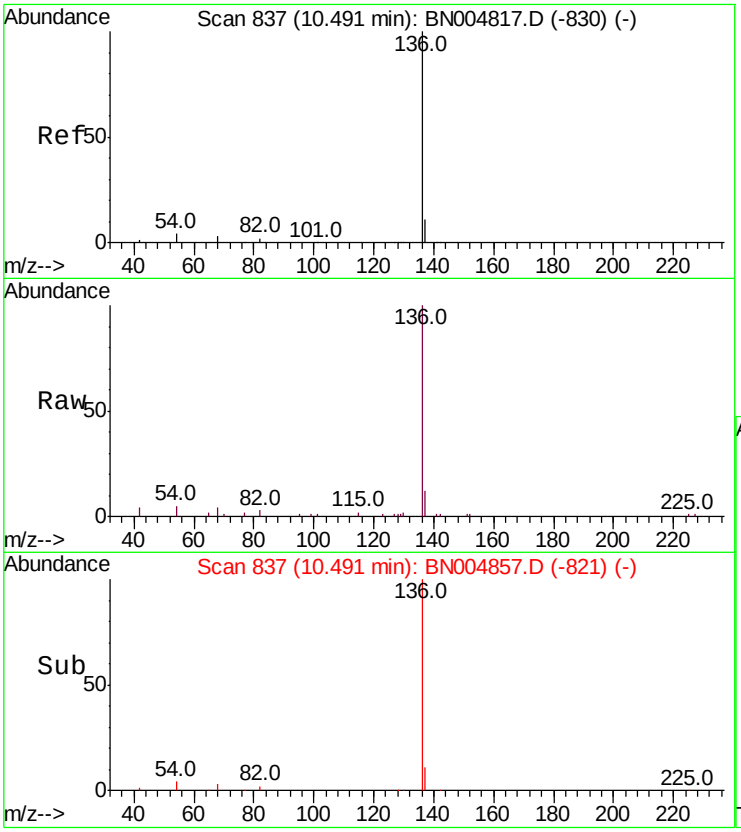


#6
bis(2-Chloroethyl)ether
Concen: 0.194 ng
RT: 7.14 min Scan# 510
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion: 93 Resp: 1008

Ion	Ratio	Lower	Upper
93	100		
63	63.2	52.6	78.8
95	33.5	25.9	38.9



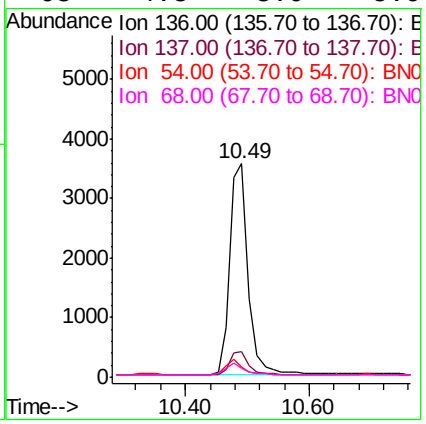


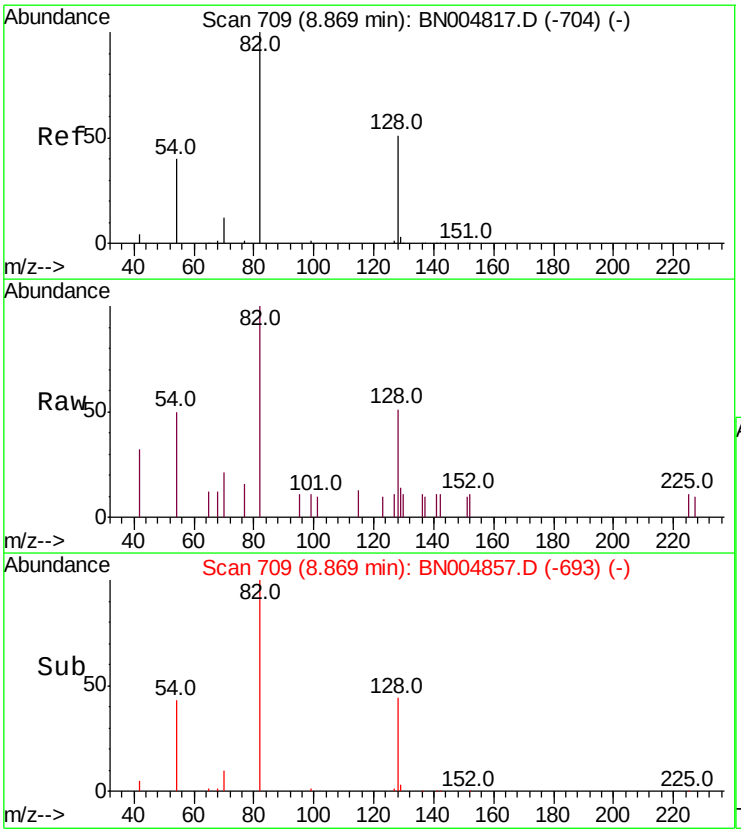
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:136 Resp: 7335

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	4.9	4.2	6.2
68	4.3	3.9	5.9

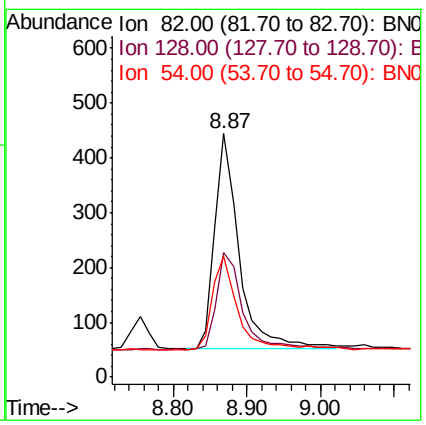


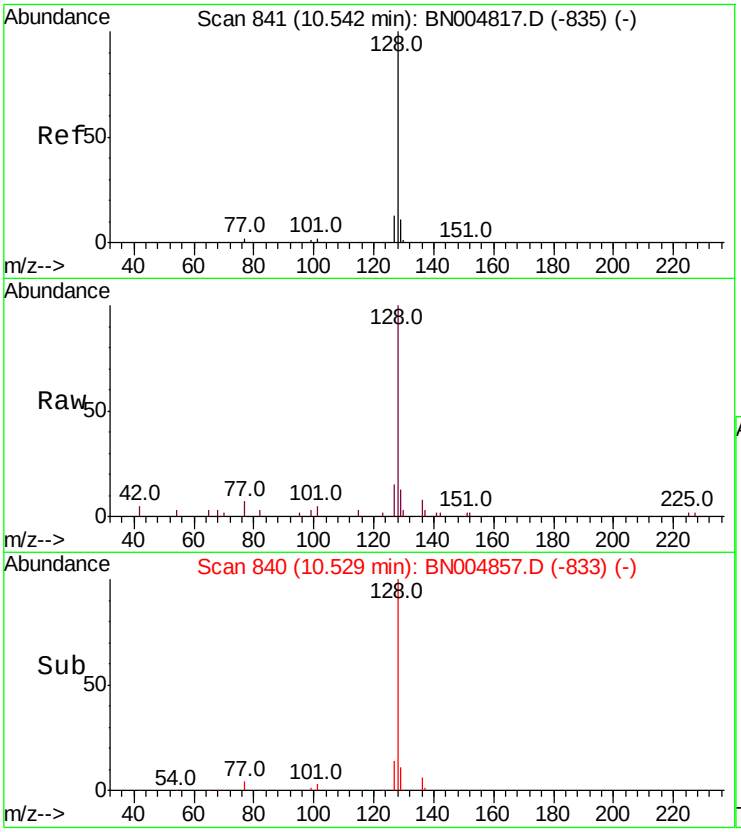


#8
Nitrobenzene-d5
Concen: 0.187 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion: 82 Resp: 908

Ion	Ratio	Lower	Upper
82	100		
128	51.1	43.0	64.6
54	49.8	35.3	52.9



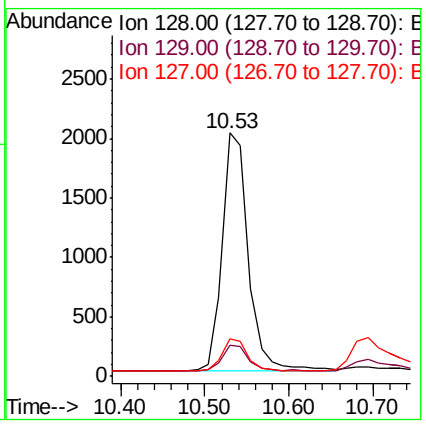


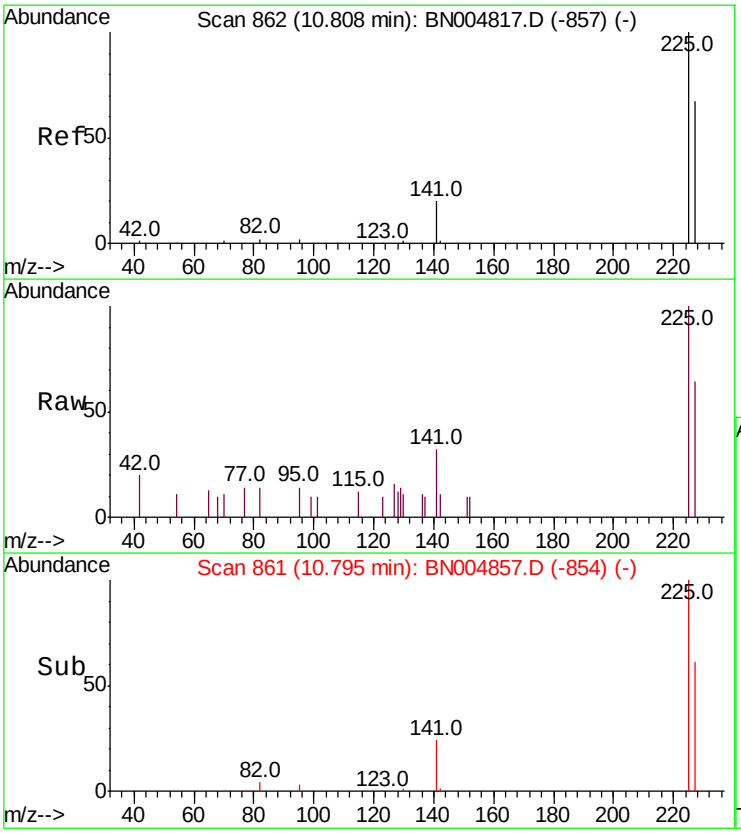
#9
Naphthalene
Concen: 0.207 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:128 Resp: 4265

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.9	14.9
127	15.5	11.3	16.9

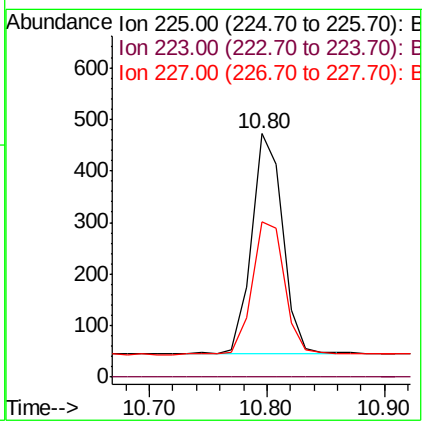


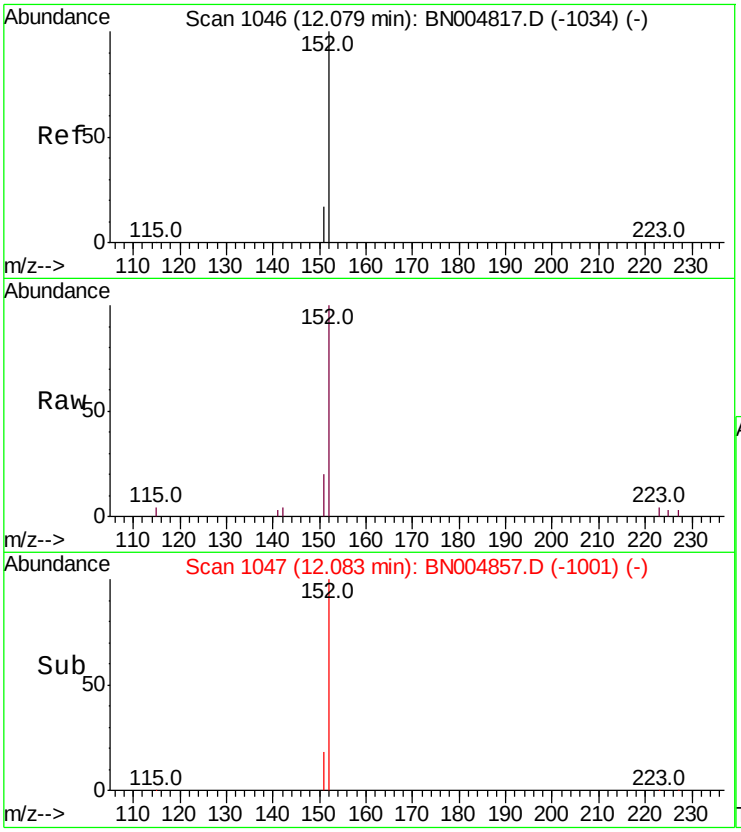


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:225 Resp: 782

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	52.2	78.4



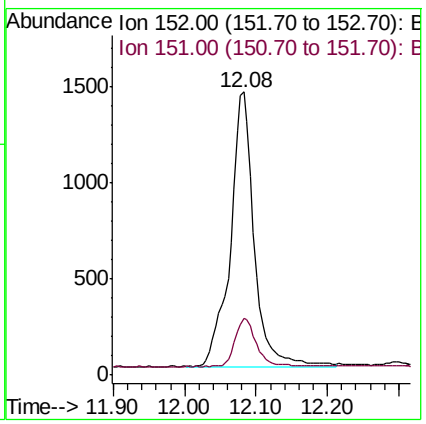


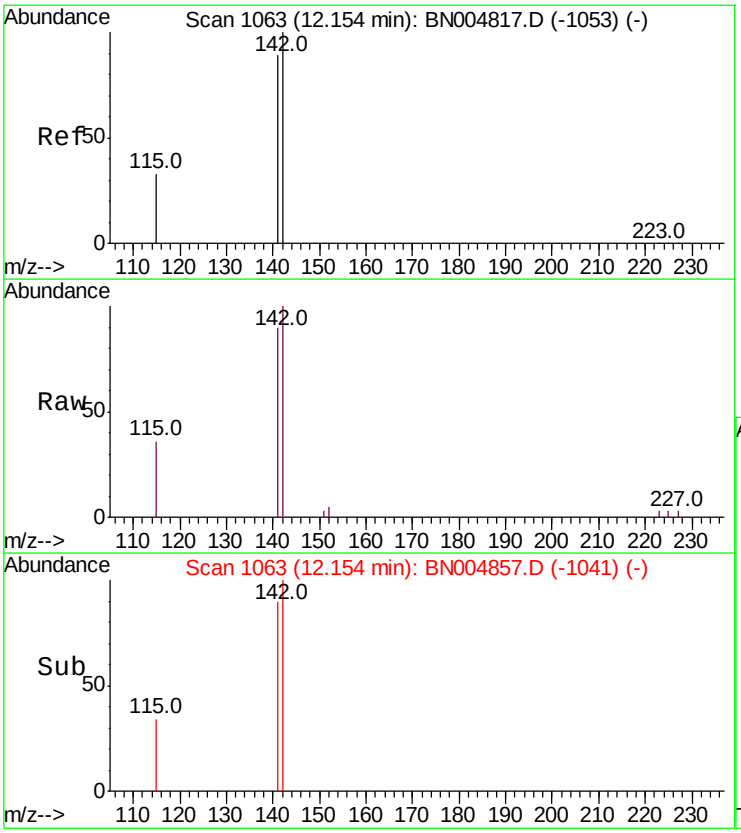
#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:152 Resp: 3302

Ion	Ratio	Lower	Upper
152	100		
151	15.6	15.5	23.3

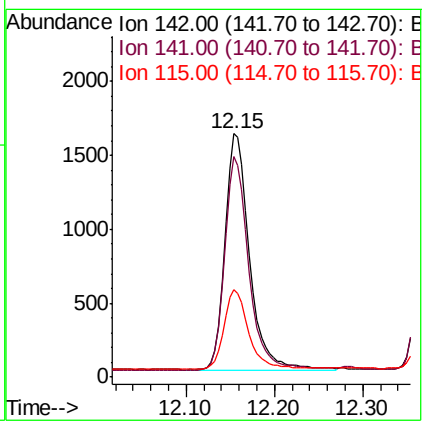


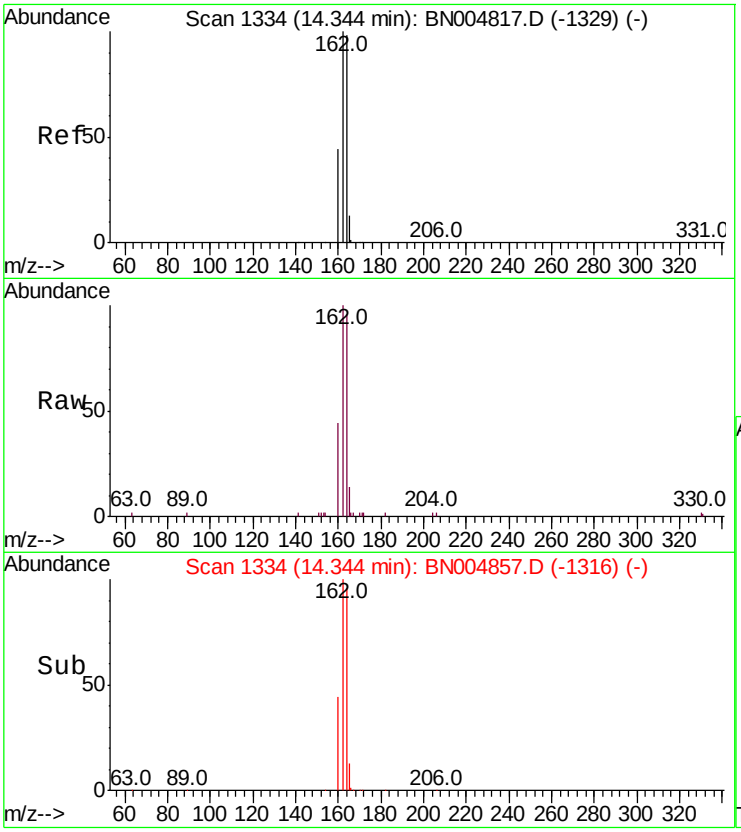


#12
2-Methylnaphthalene
Concen: 0.204 ng
RT: 12.15 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:142 Resp: 3124

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	36.1	27.5	41.3



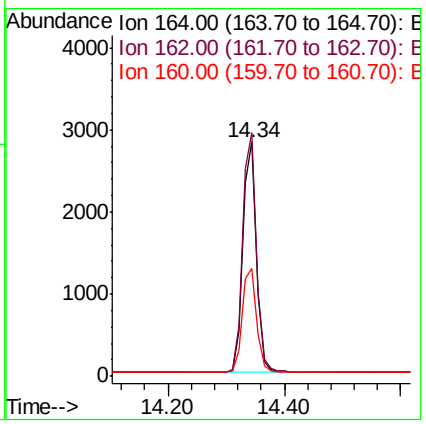


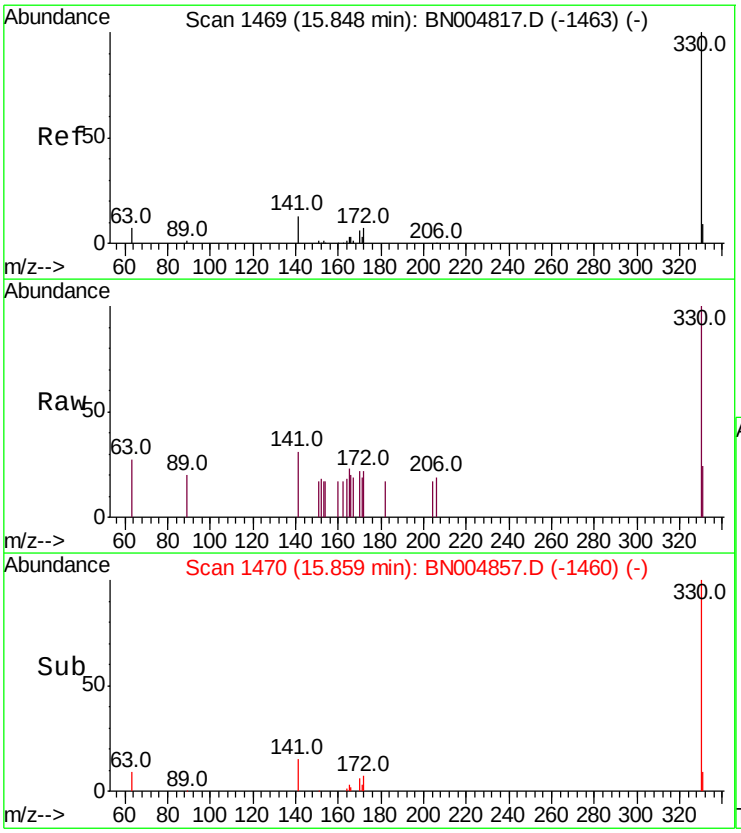
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:164 Resp: 4572

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.9	122.9
160	46.2	36.6	54.8

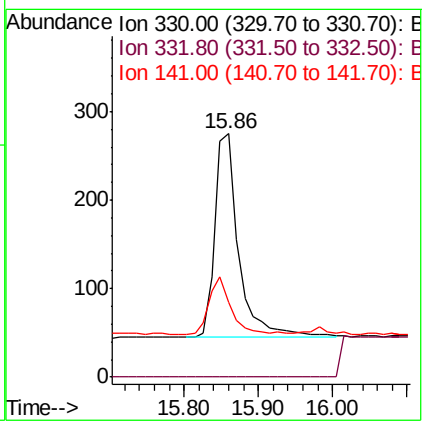


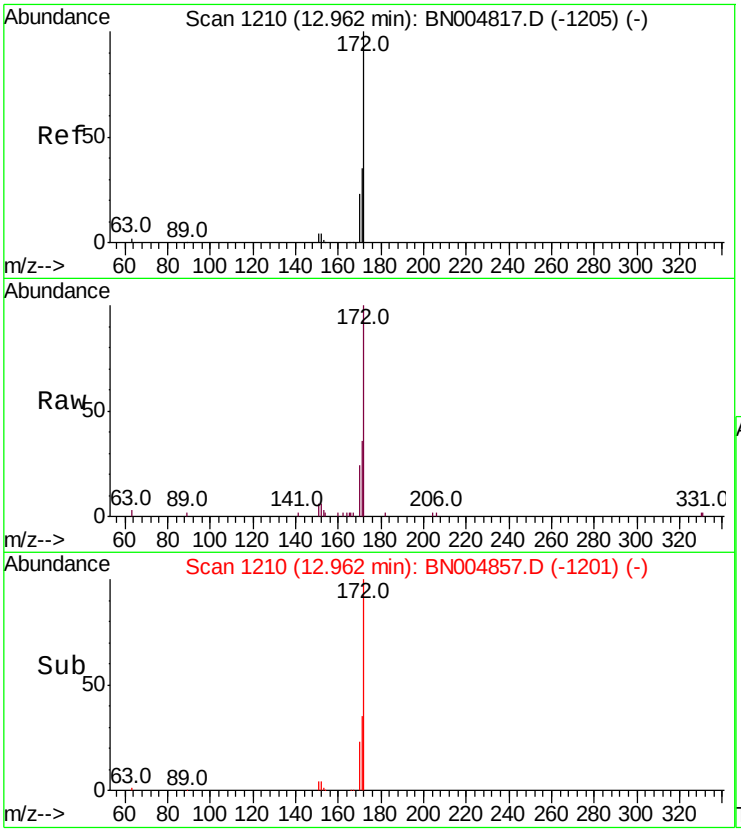


#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.86 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:330 Resp: 518

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.6	20.9	31.3



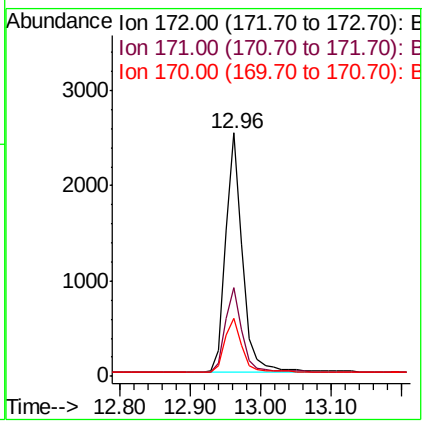


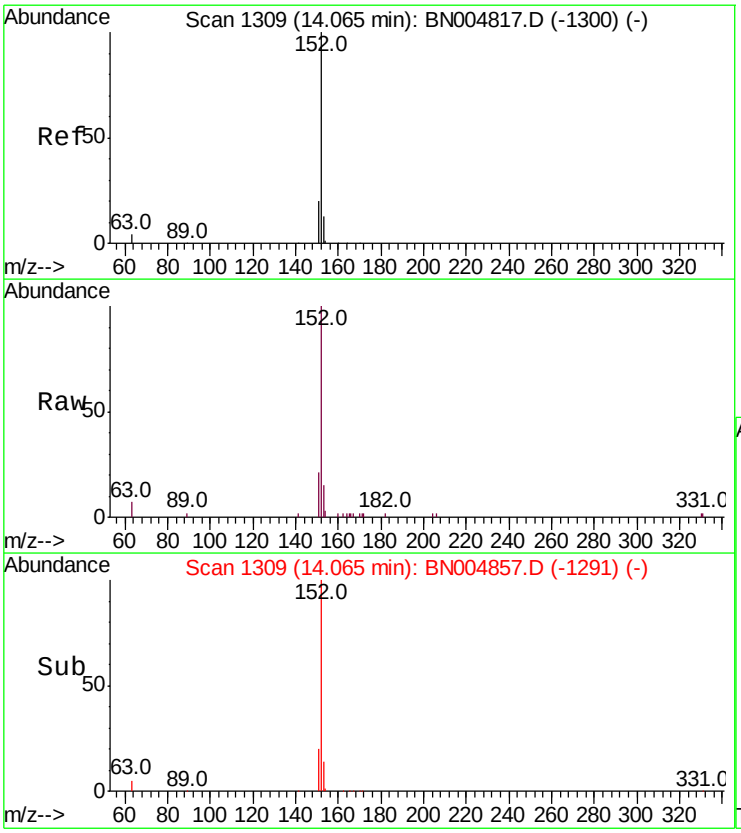
#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:172 Resp: 4220

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.9	18.7	28.1

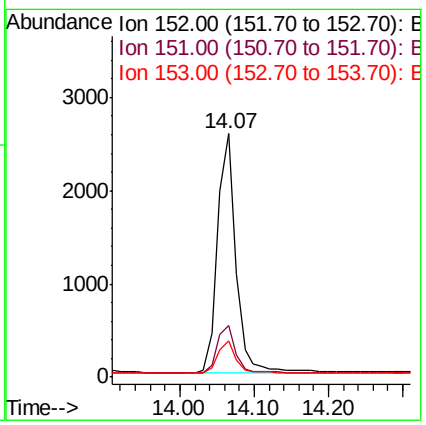


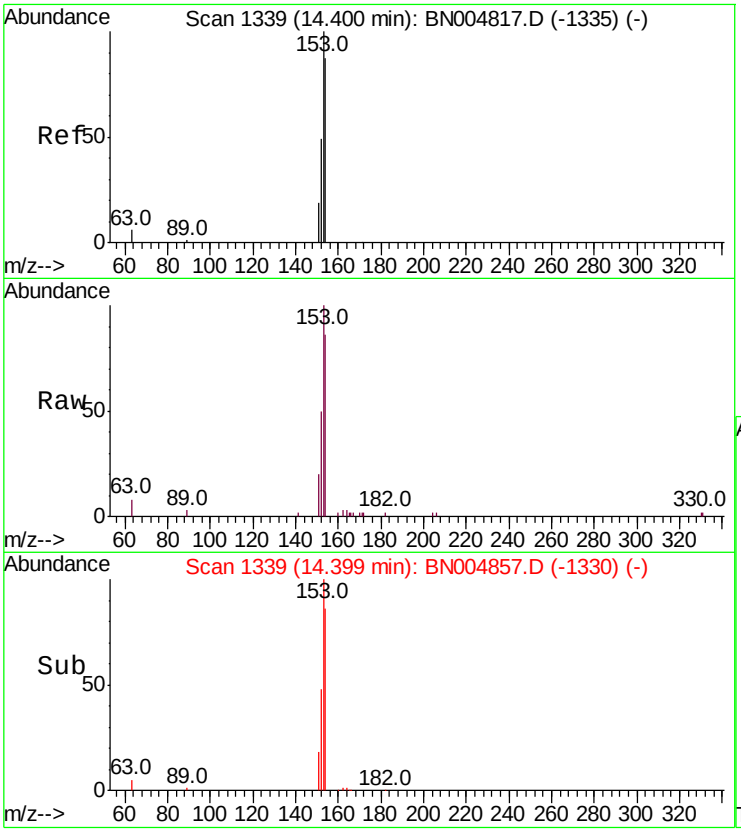


#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:152 Resp: 4438

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.5	10.5	15.7



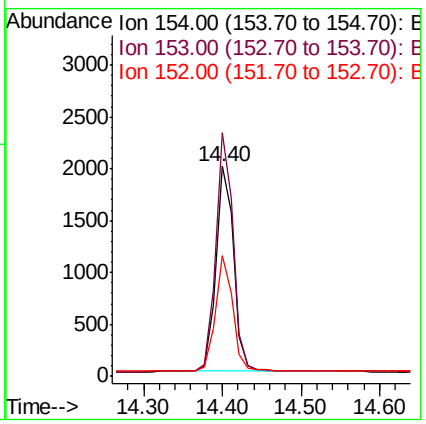


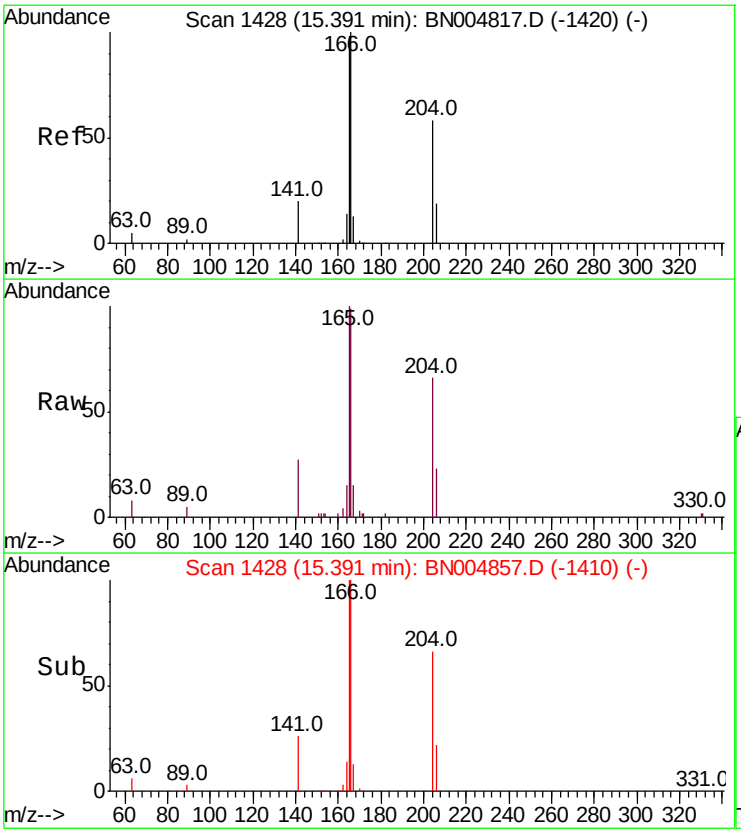
#17
Acenaphthene
Concen: 0.201 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:154 Resp: 3102

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.4	137.2
152	54.9	44.2	66.2

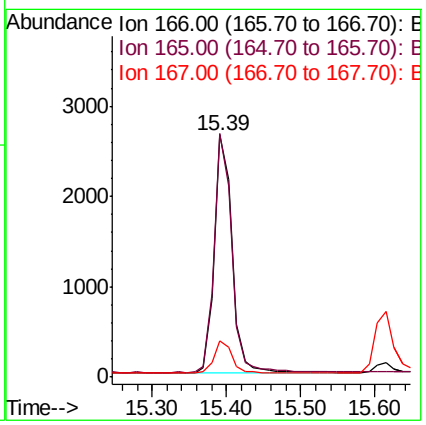


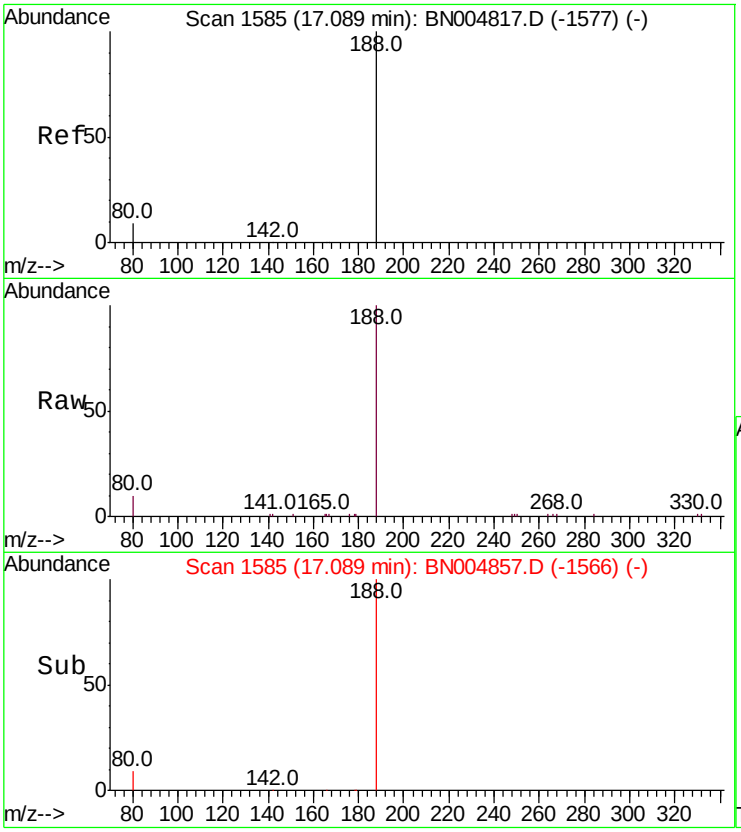


#18
Fluorene
Concen: 0.202 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:166 Resp: 4349

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.2	117.4
167	13.6	11.0	16.4



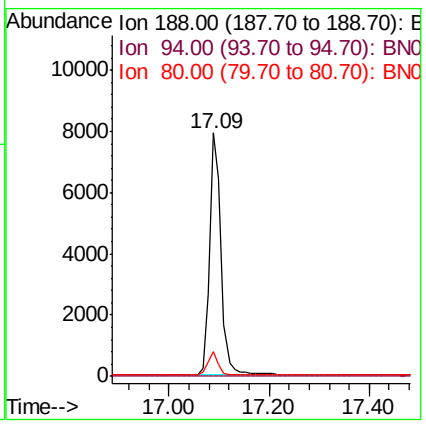


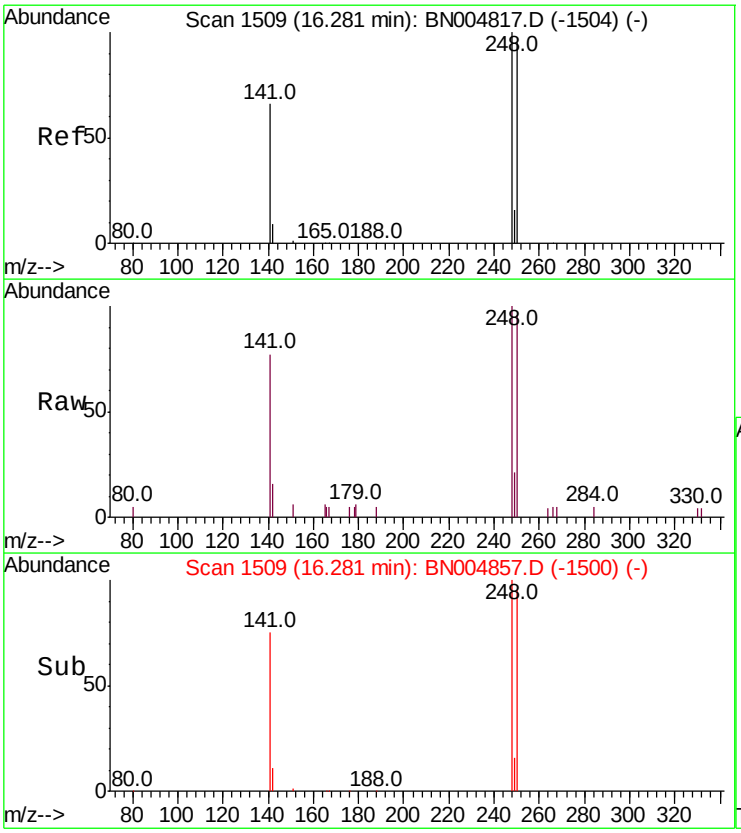
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:188 Resp: 12802

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.4	11.2

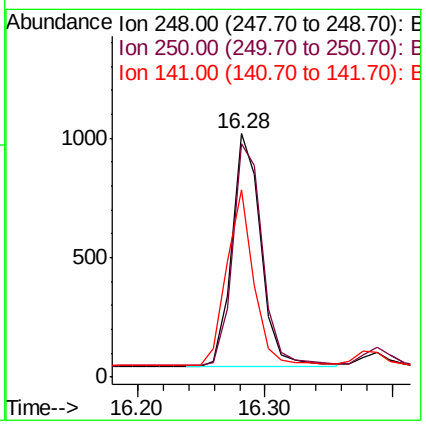


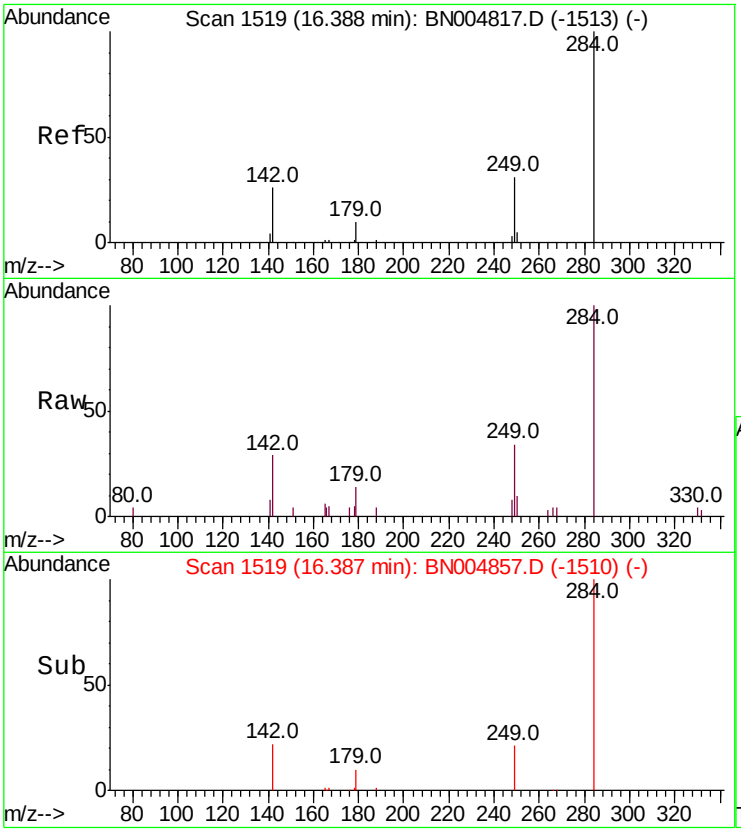


#20
4-Bromophenyl-phenylether
Concen: 0.184 ng
RT: 16.28 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:248 Resp: 1536

Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.2	114.4
141	76.9	53.9	80.9



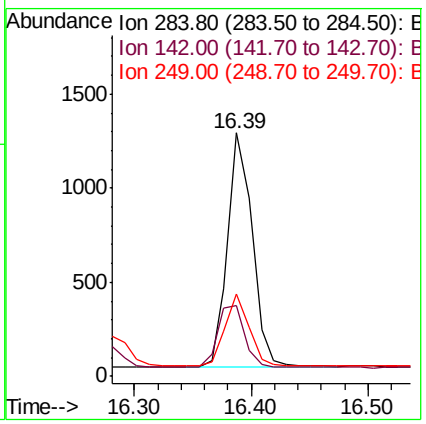


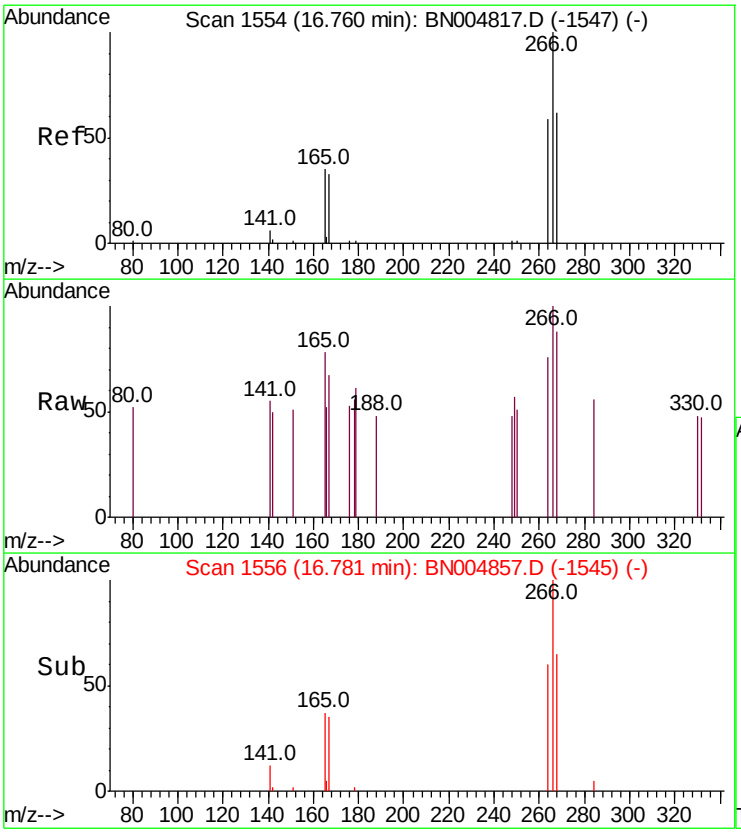
#21
Hexachlorobenzene
Concen: 0.190 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:284 Resp: 1823

Ion	Ratio	Lower	Upper
284	100		
142	29.8	22.6	34.0
249	30.0	22.5	33.7

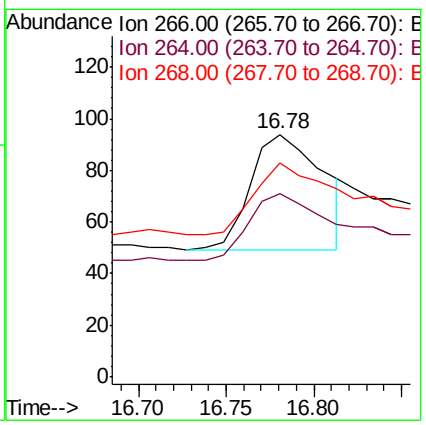


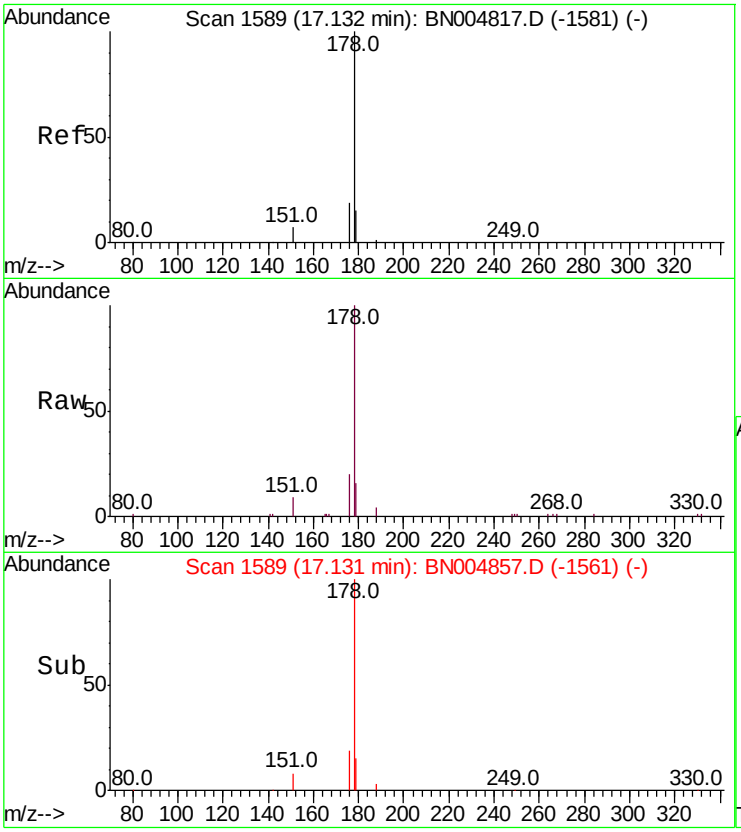


#22
Pentachlorophenol
Concen: 0.069 ng
RT: 16.78 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:266 Resp: 130

Ion	Ratio	Lower	Upper
266	100		
264	75.5	53.1	79.7
268	88.3	57.7	86.5#



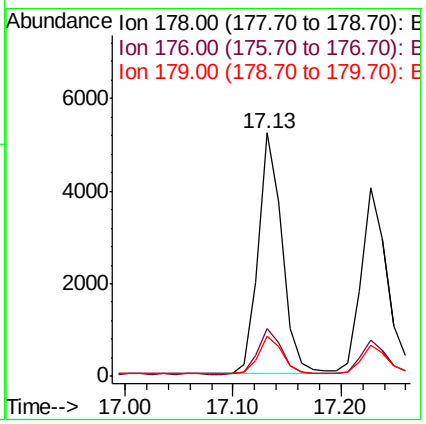


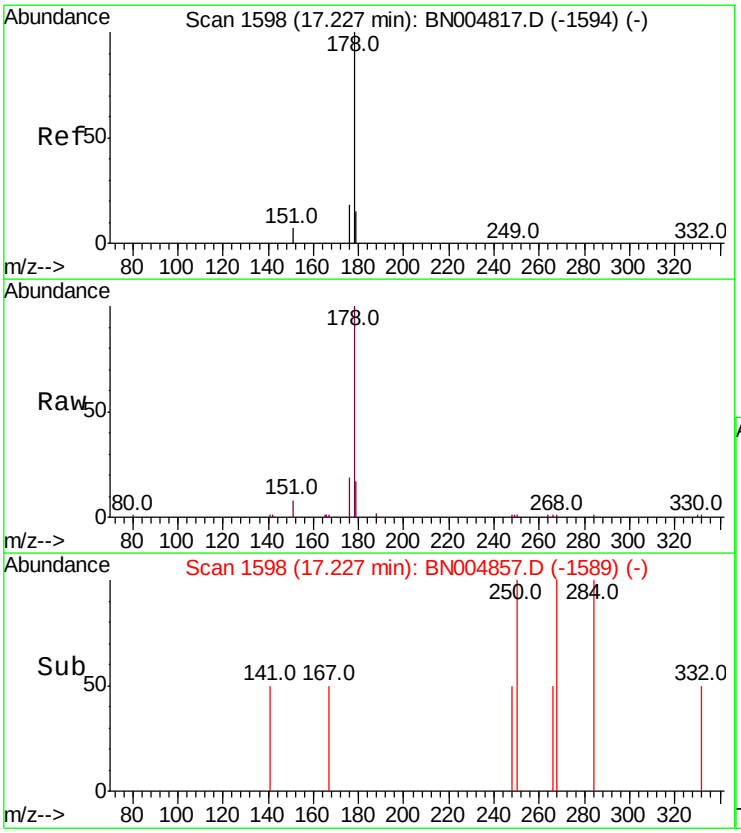
#23
Phenanthrene
Concen: 0.193 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:178 Resp: 7987

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.6	12.1	18.1

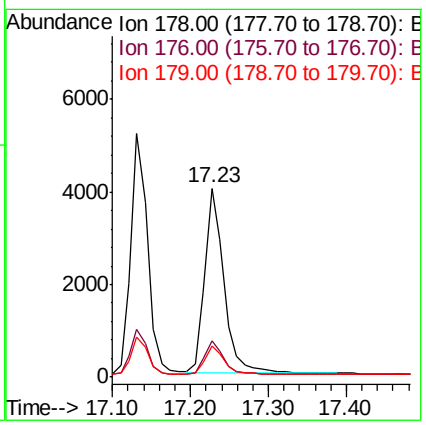


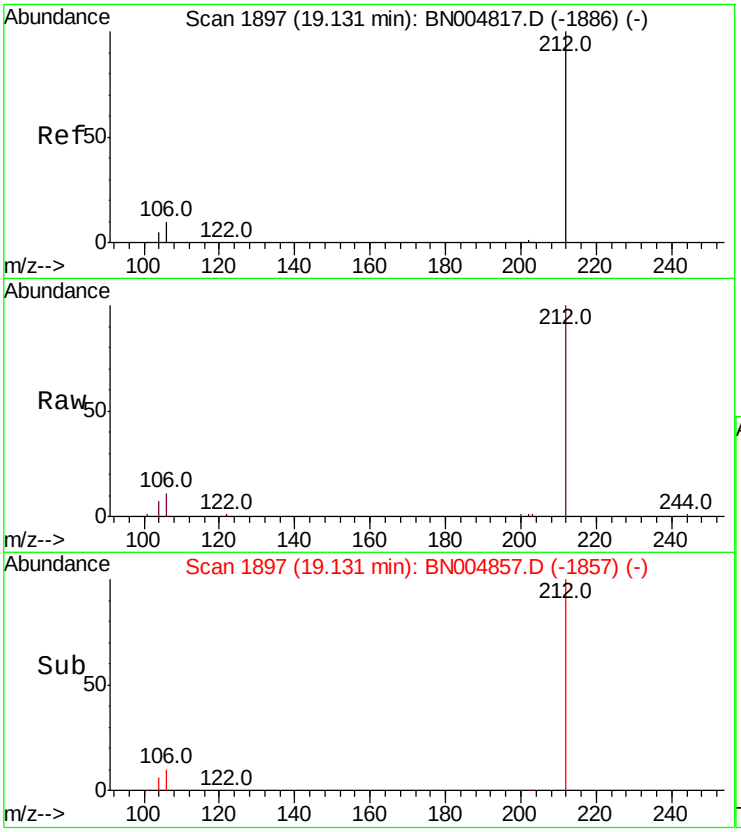


#24
Anthracene
Concen: 0.187 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:178 Resp: 6889

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



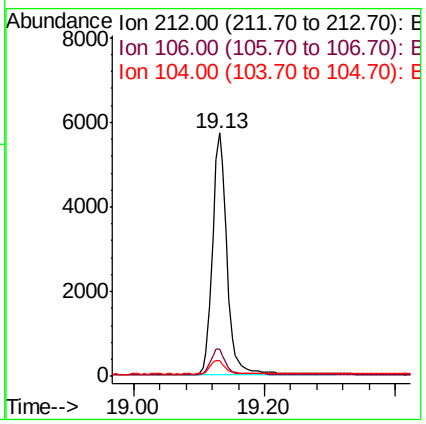


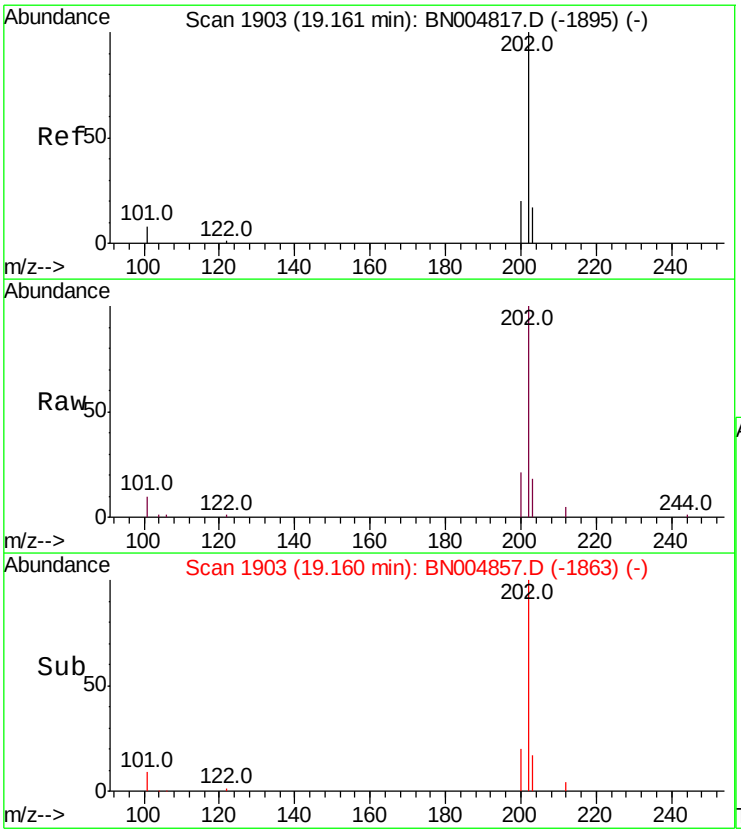
#25
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.13 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:212 Resp: 8772

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.6	13.0
104	6.1	4.7	7.1

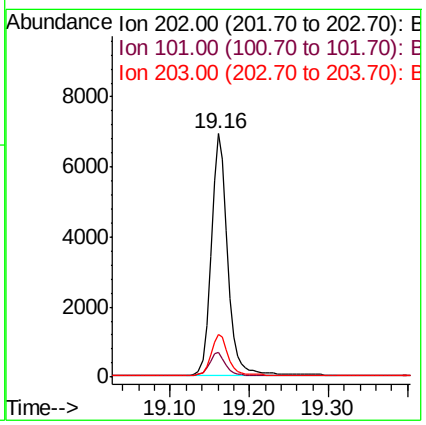


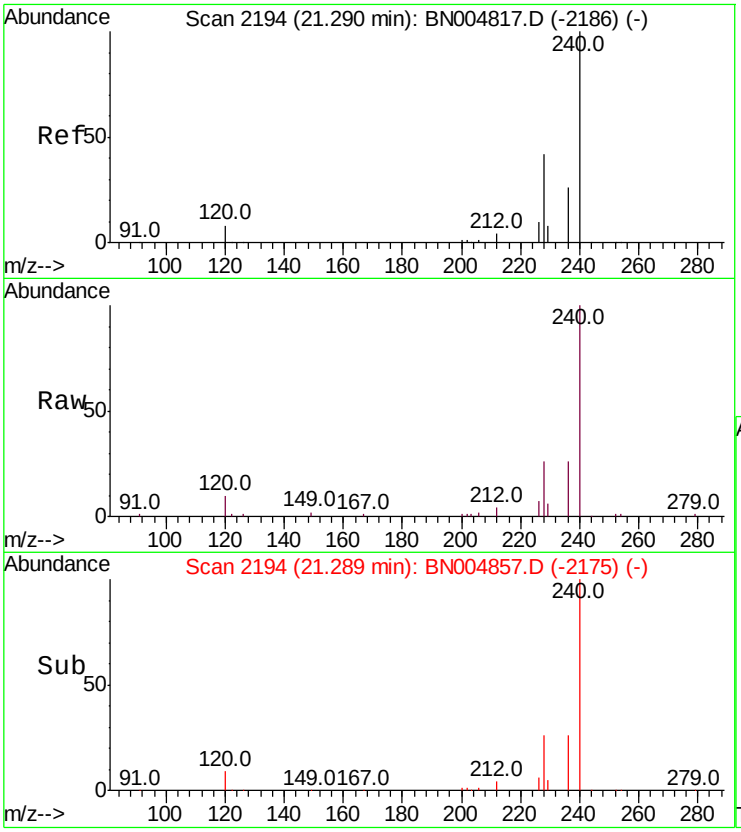


#26
Fluoranthene
Concen: 0.188 ng
RT: 19.16 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:202 Resp: 9990

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.5	11.3
203	17.4	13.8	20.6



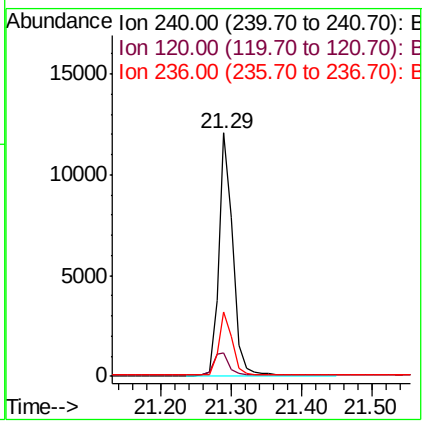


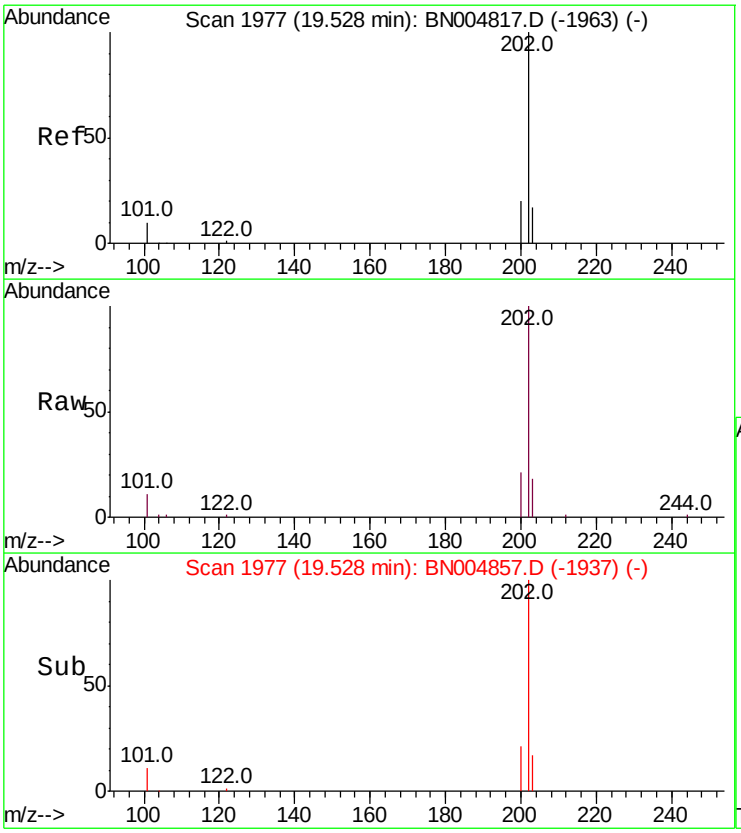
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:240 Resp: 16721

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.2	10.8
236	26.4	20.9	31.3

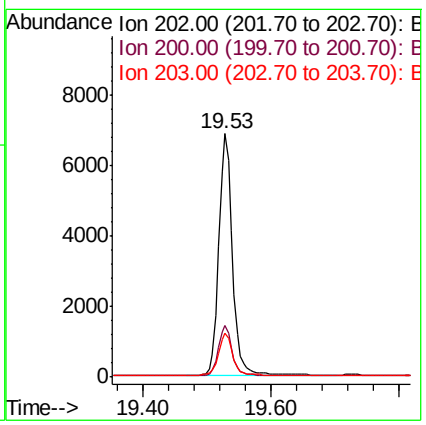


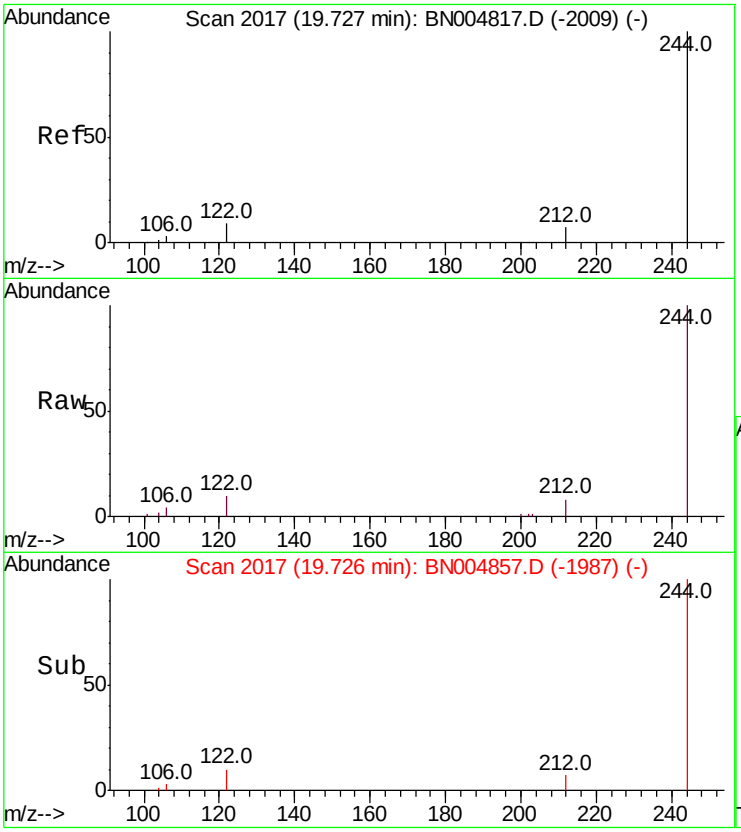


#28
Pyrene
Concen: 0.202 ng
RT: 19.53 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:202 Resp: 10310

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.9	14.0	21.0



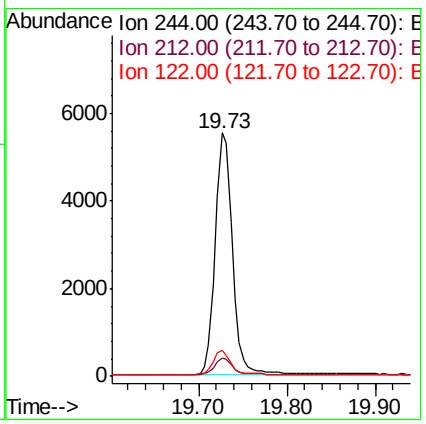


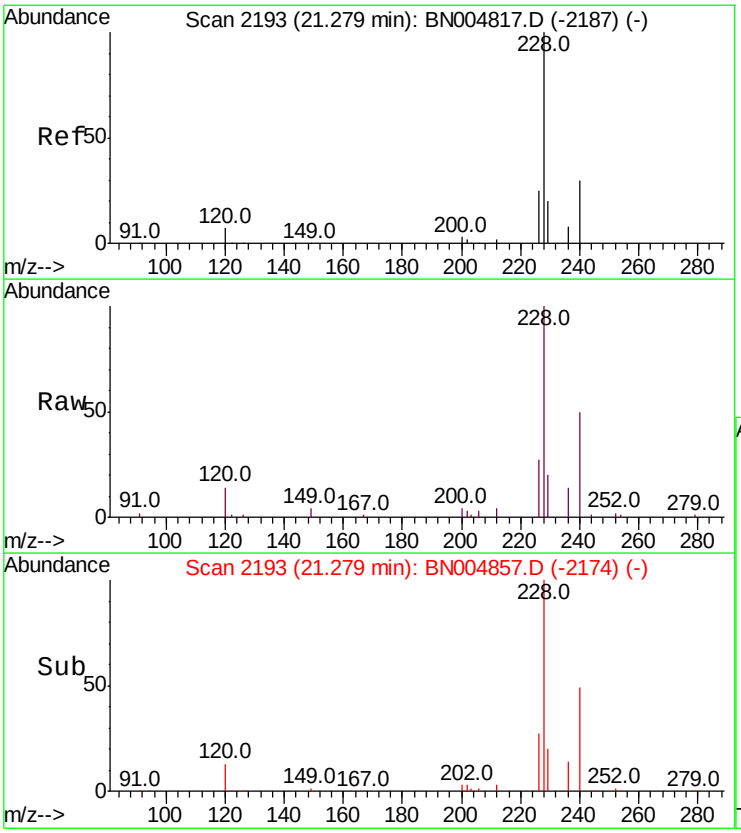
#29
Terphenyl-d14
Concen: 0.217 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:244 Resp: 7420

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.5	7.9	11.9

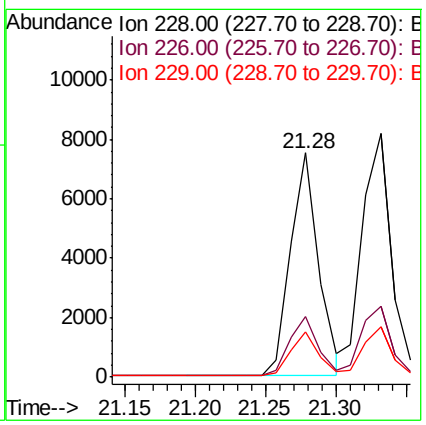


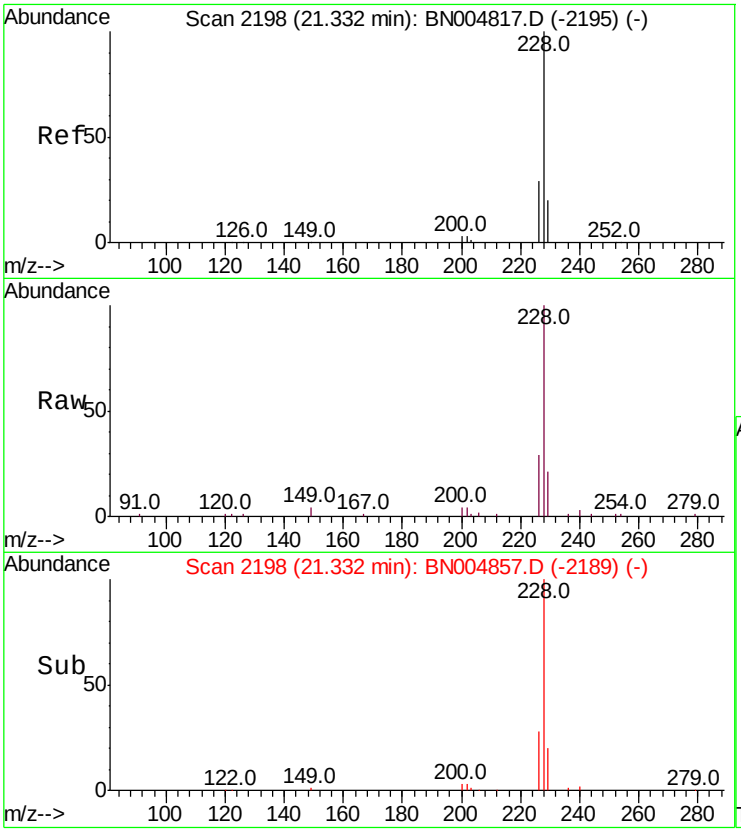


#30
Benzo(a)anthracene
Concen: 0.190 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:228 Resp: 10431

Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.6	31.0
229	20.1	16.2	24.4



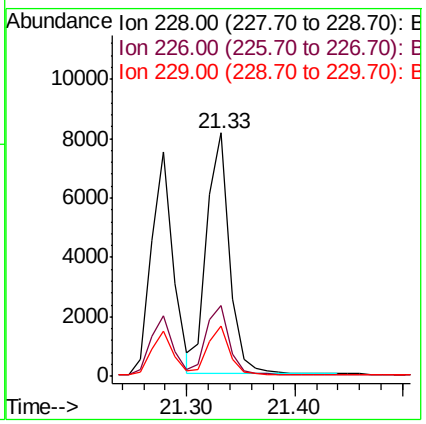


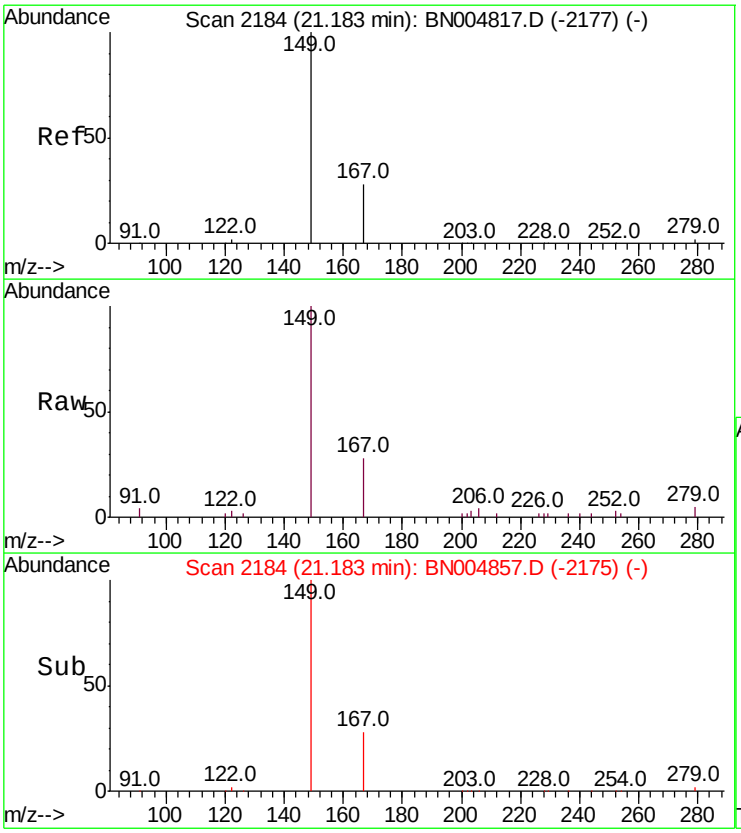
#31
Chrysene
Concen: 0.205 ng
RT: 21.33 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:228 Resp: 11822

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	20.6	16.2	24.2

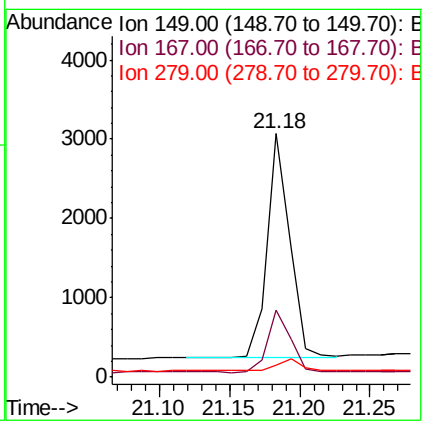


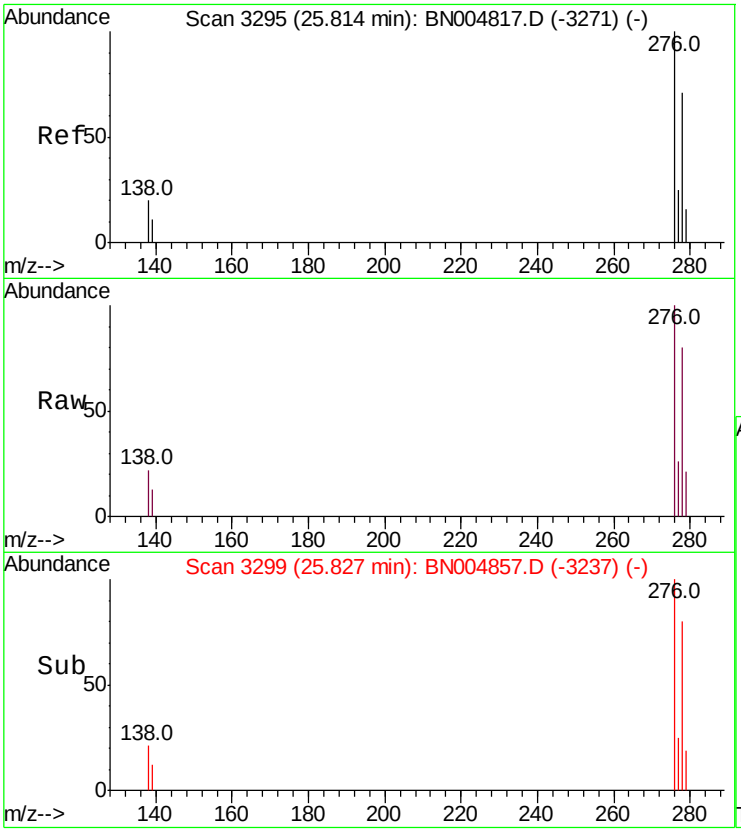


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.147 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:149 Resp: 3224

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.1	4.6	6.8



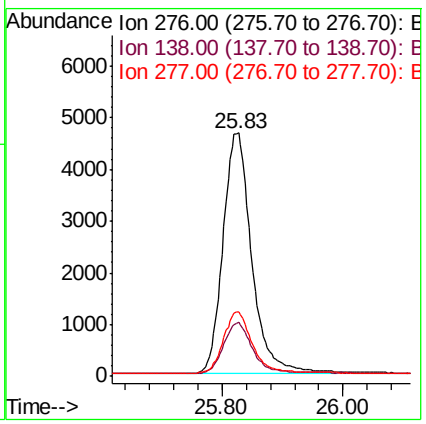


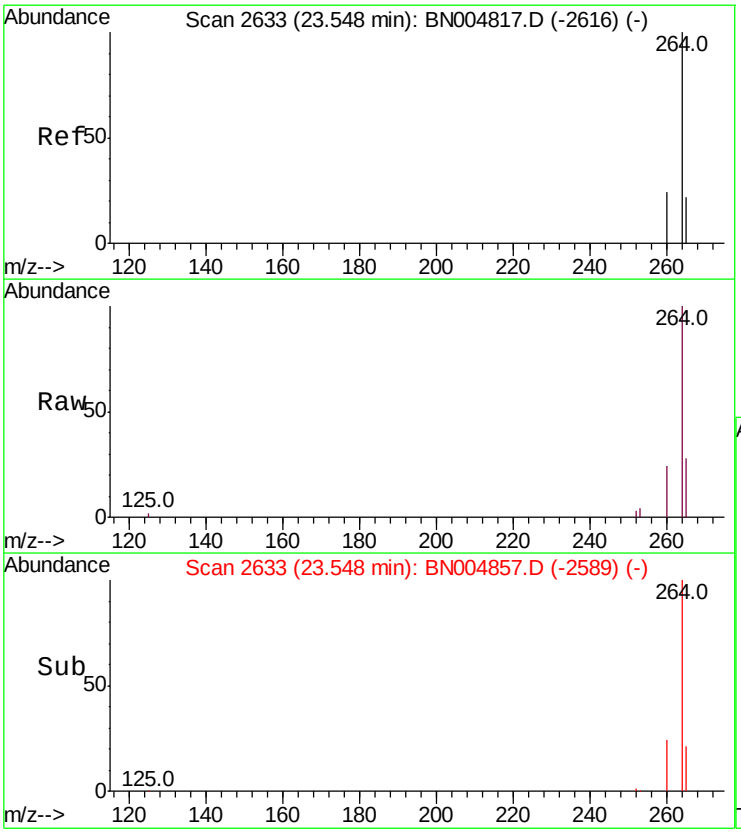
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng
RT: 25.83 min Scan# 3299
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:276 Resp: 15393

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.6	24.8
277	25.4	20.3	30.5

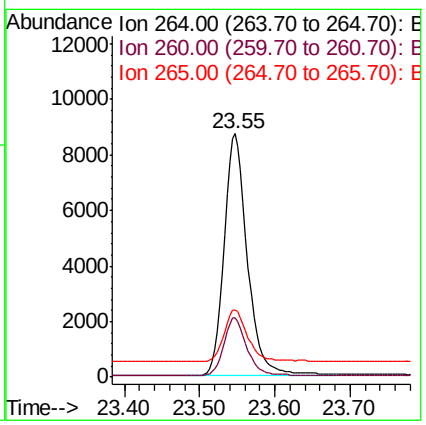


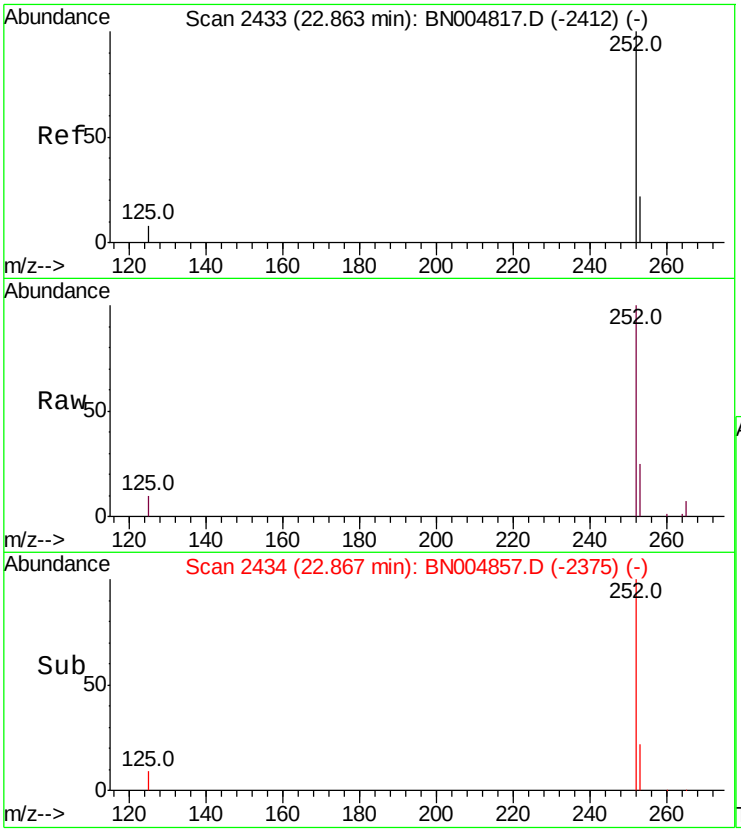


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2633
Delta R.T. -0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:264 Resp: 18428

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	27.7	23.1	34.7



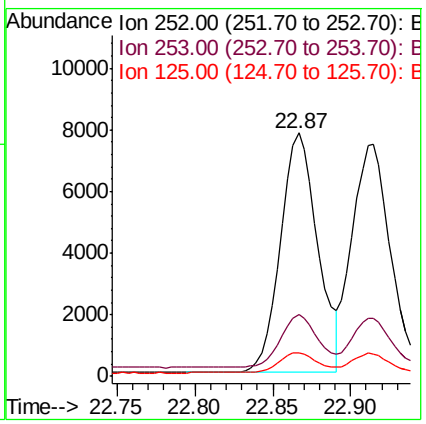


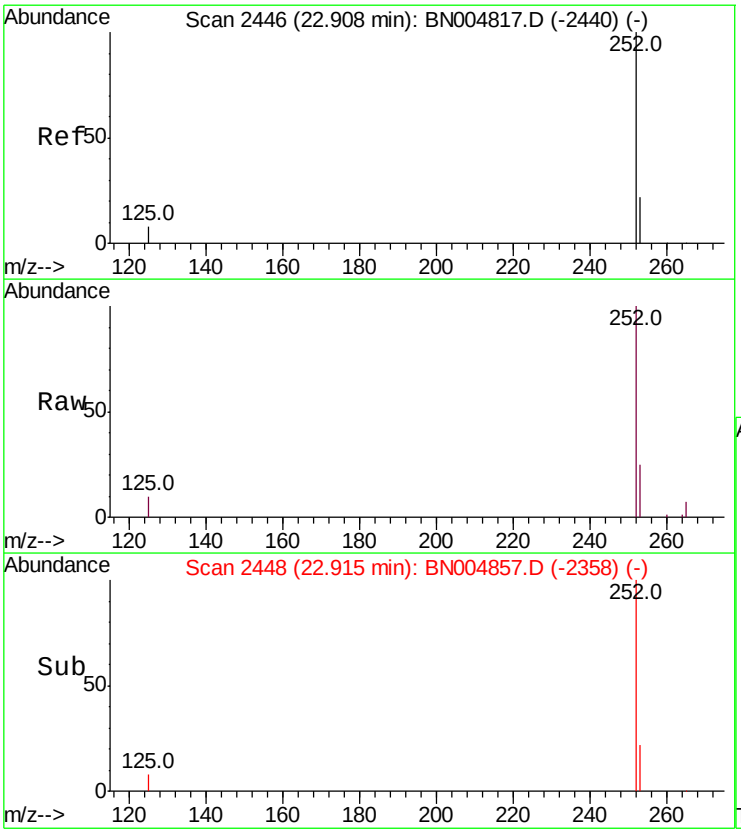
#35
Benzo(b)fluoranthene
Concen: 0.195 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:252 Resp: 12971

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.0	28.4
125	9.8	7.4	11.2

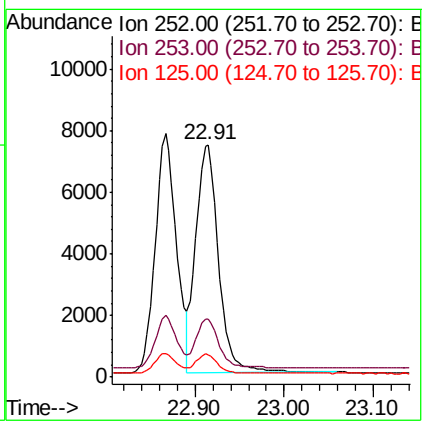


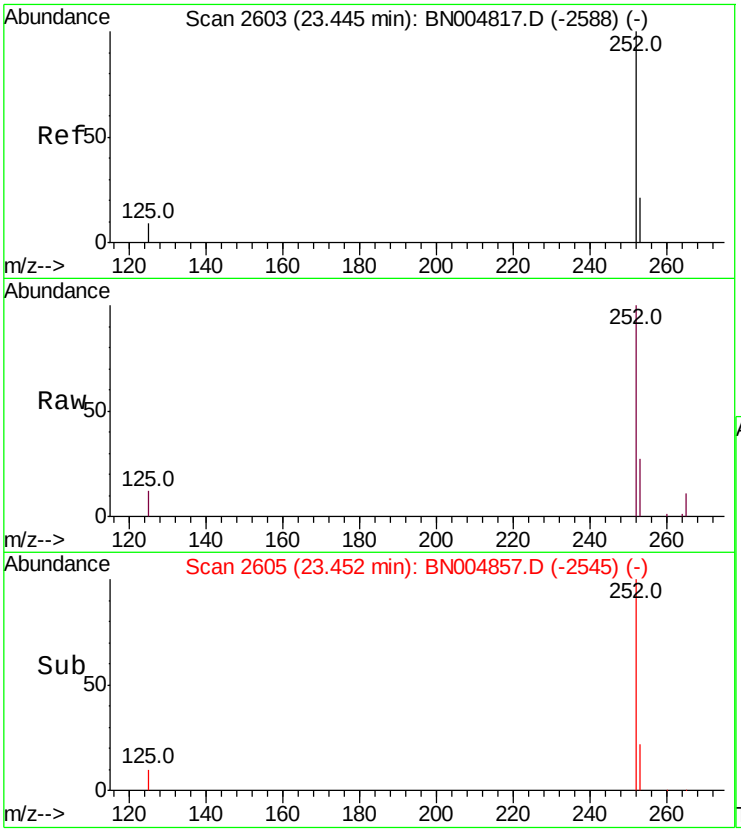


#36
Benzo(k)fluoranthene
Concen: 0.201 ng
RT: 22.91 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:252 Resp: 13155

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.3	28.9
125	9.7	7.4	11.0



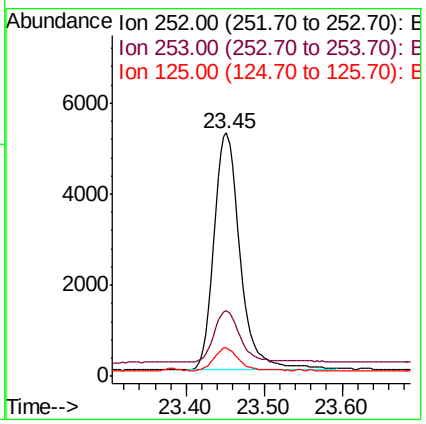


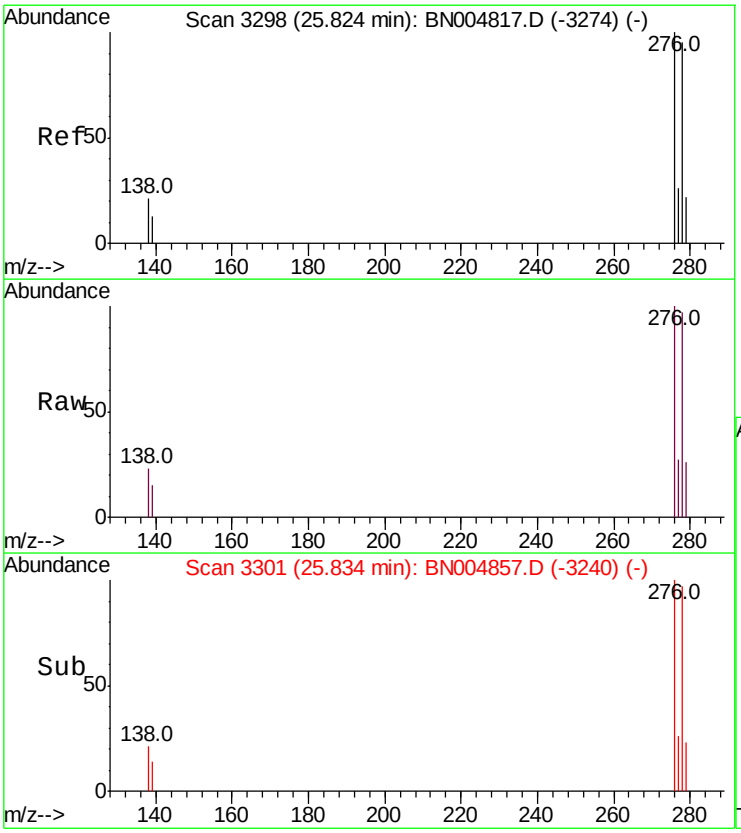
#37
Benzo(a)pyrene
Concen: 0.199 ng
RT: 23.45 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:252 Resp: 12147

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.7	29.5
125	11.5	8.3	12.5

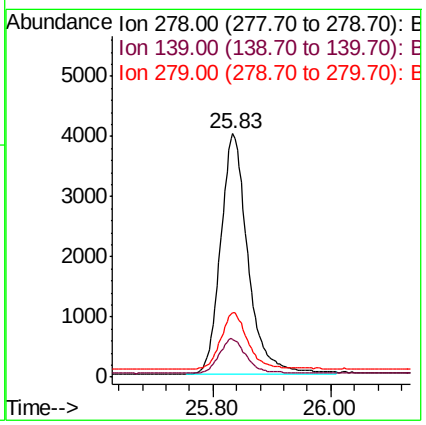


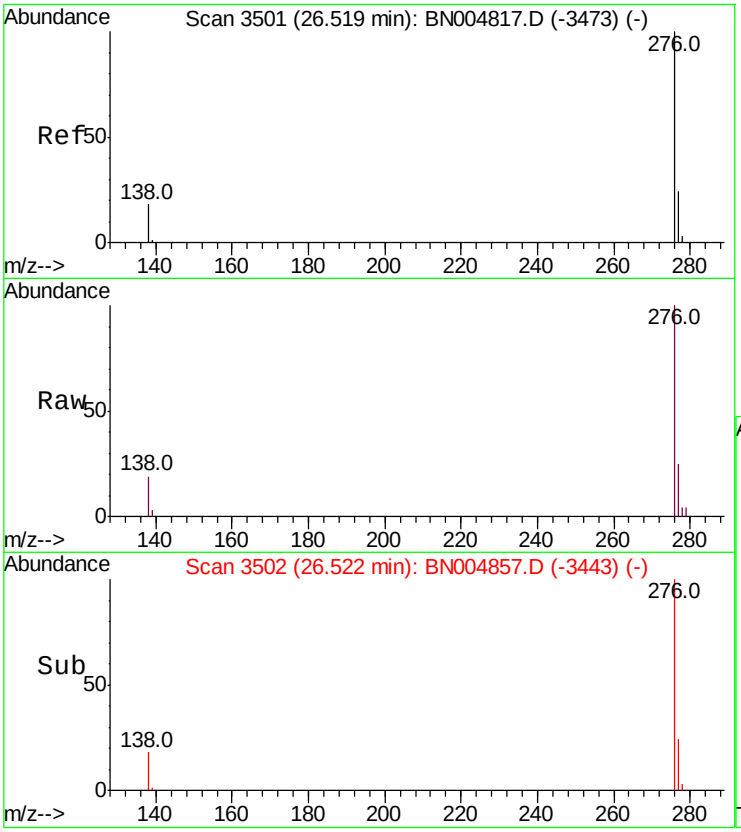


#38
Dibenzo(a,h)anthracene
Concen: 0.181 ng
RT: 25.83 min Scan# 3301
Delta R.T. 0.01 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Tgt Ion:278 Resp: 12838

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.7	17.5
279	26.3	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.184 ng
RT: 26.52 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BN004857.D
Acq: 21 Mar 2019 19:24

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tgt Ion:276 Resp: 13274

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.7	29.5
138	19.5	14.6	22.0