Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
Data File : BN004908.D
Acq On : 23 Mar 2019 05:02
Operator : JU/SJ
Sample : K1817-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-027-SW016-030719

Quant Time: Mar 23 05:49:44 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	7.69	152	3824	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	16686	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	9318	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	21910	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	25416	0.40	ng		-0.01
34) Perylene-d12	23.53	264	21701	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3035	0.29	ng		0.00
5) Phenol-d6	6.86	99	3932	0.30	ng		-0.02
8) Nitrobenzene-d5	8.86	82	2956	0.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	6768	0.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	1606	0.25	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	9735	0.25	ng		-0.01
25) Fluoranthene-d10	19.12	212	15626	0.21	ng		-0.01
29) Terphenyl-d14	19.72	244	11475	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.52	128	7646	0.163	ng		99
12) 2-Methylnaphthalene	12.14	142	3789	0.109	ng		99
16) Acenaphthylene	14.05	152	27940	0.582	ng		99
17) Acenaphthene	14.39	154	7266	0.231	ng		99
18) Fluorene	15.38	166	9374	0.214	ng	#	92
23) Phenanthrene	17.12	178	186223	2.632	ng		99
24) Anthracene	17.22	178	44773	0.709	ng	#	95
26) Fluoranthene	19.15	202	387009	4.257	ng		99
28) Pyrene	19.51	202	386344	4.985	ng	#	96
30) Benzo(a)anthracene	21.26	228	232039	2.784	ng		97
31) Chrysene	21.31	228	195745	2.230	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	17779	0.534	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	106030	0.835	ng		98
35) Benzo(b)fluoranthene	22.85	252	250212	3.187	ng	#	75
36) Benzo(k)fluoranthene	22.85	252	250212	3.240	ng	#	75
37) Benzo(a)pyrene	23.43	252	170367	2.366	ng		98
38) Dibenzo(a,h)anthracene	25.80	278	29085	0.349	ng	#	82
39) Benzo(g,h,i)perylene	26.49	276	100589	1.184	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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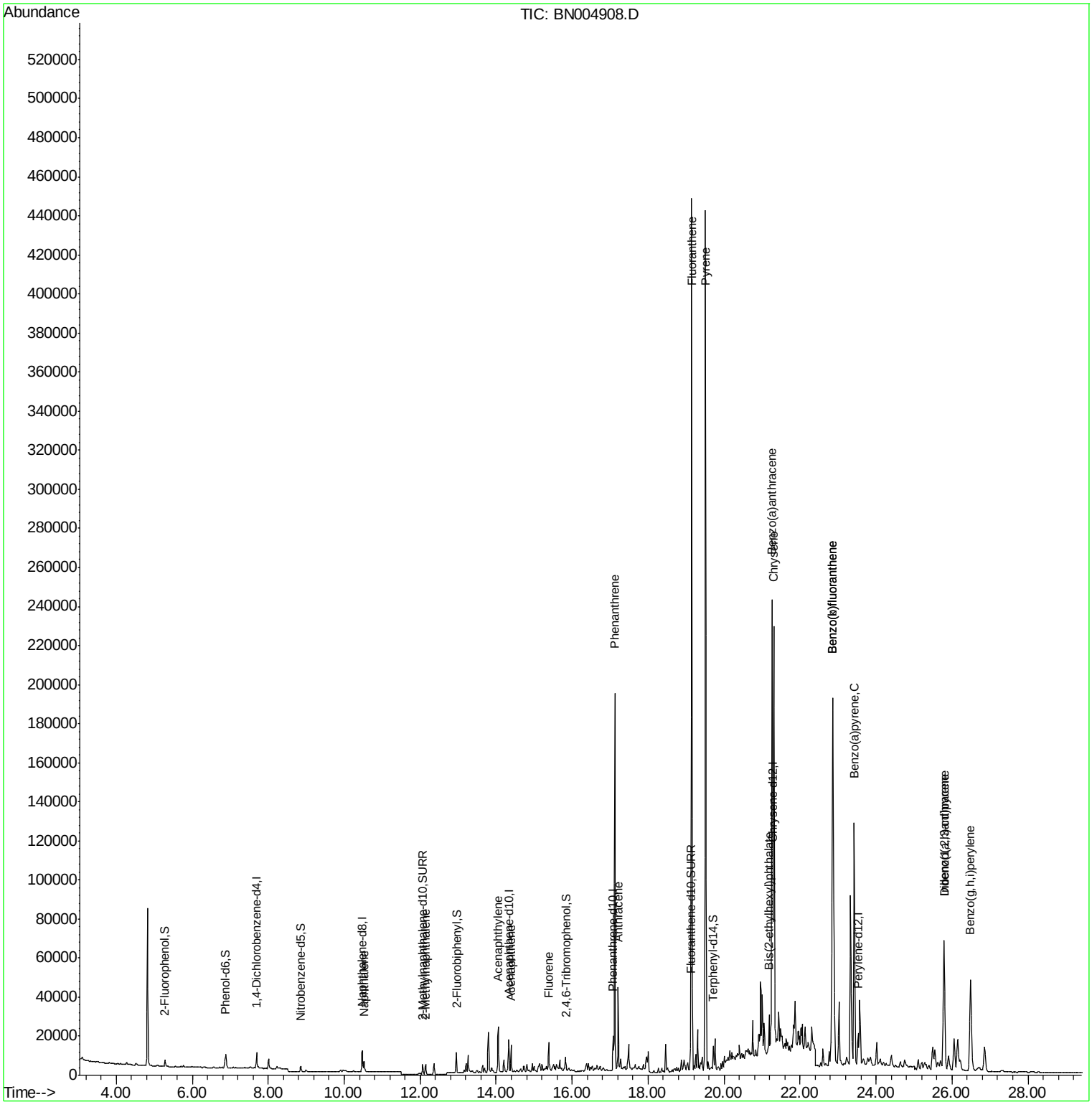
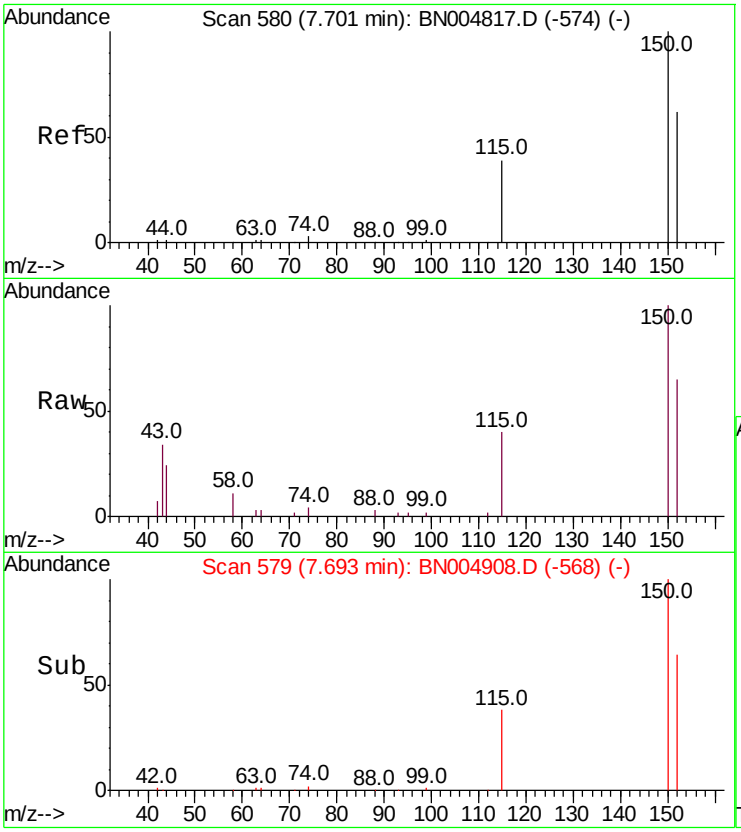


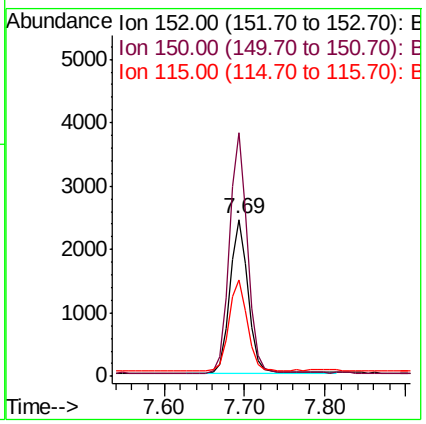


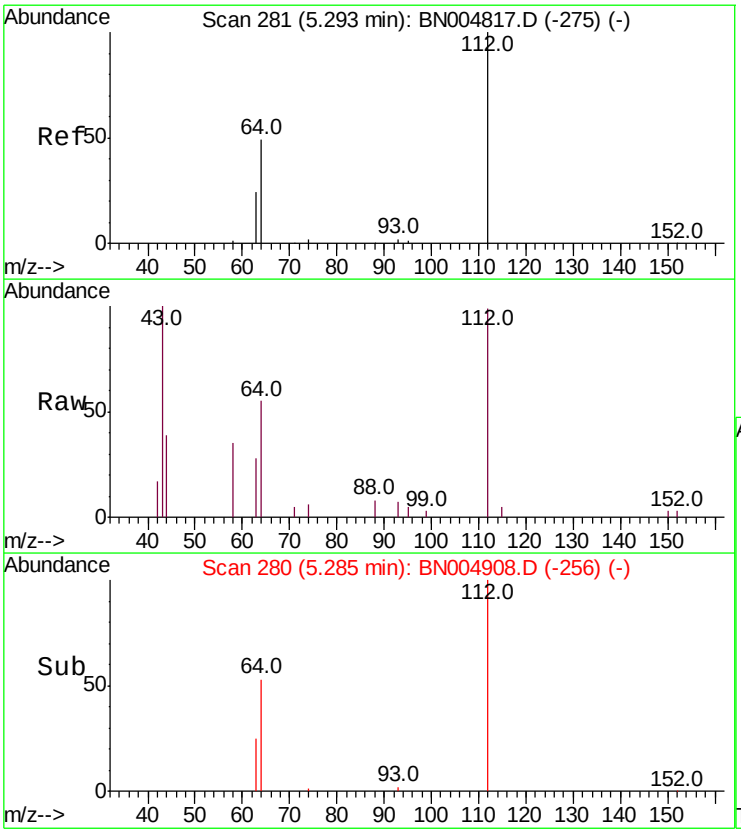
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:152 Resp: 3824

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.4
115	61.4	52.6	79.0

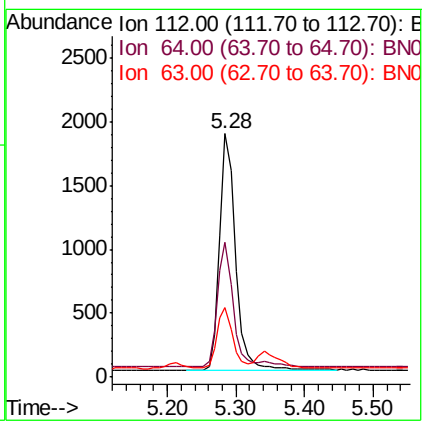


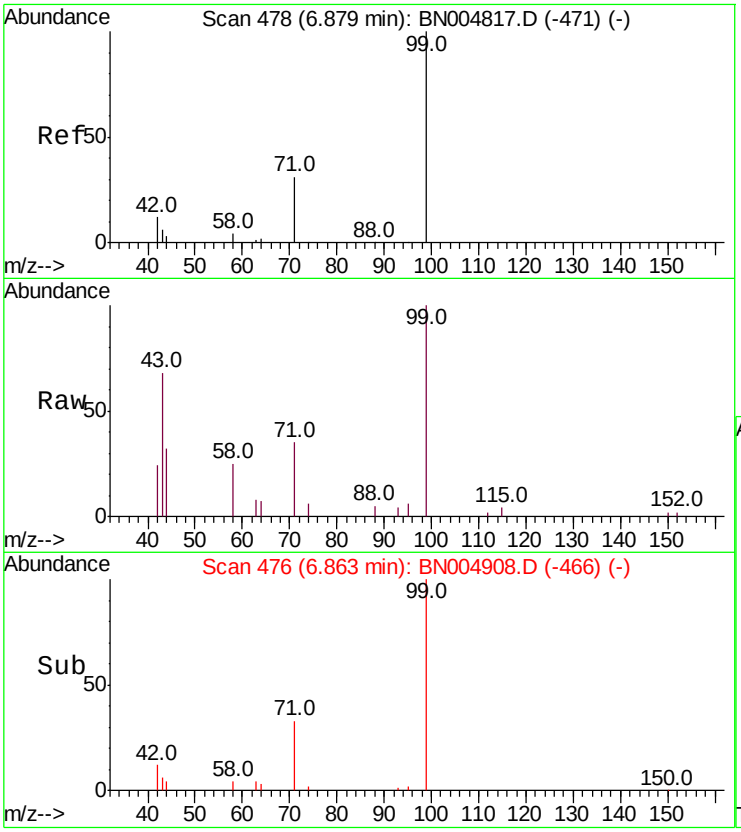


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:112 Resp: 3035

Ion	Ratio	Lower	Upper
112	100		
64	53.1	40.0	60.0
63	24.8	20.2	30.2



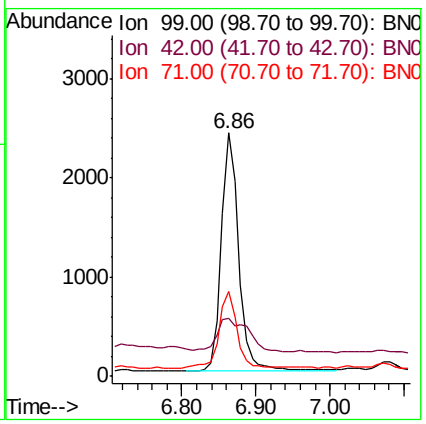


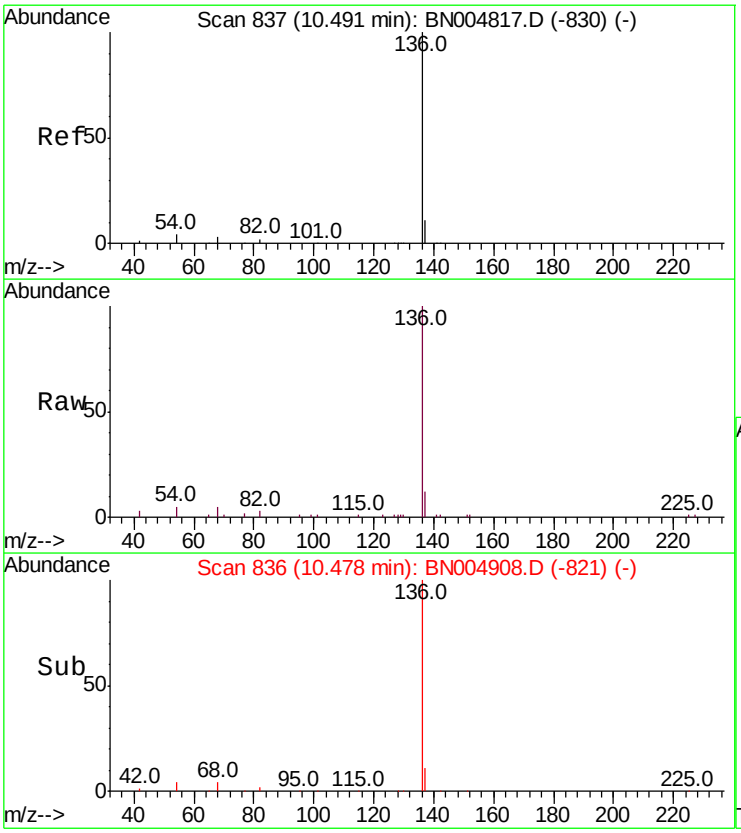
#5
Phenol-d6
Concen: 0.304 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion: 99 Resp: 3932

Ion	Ratio	Lower	Upper
99	100		
42	25.0	12.7	19.1#
71	33.1	26.6	40.0

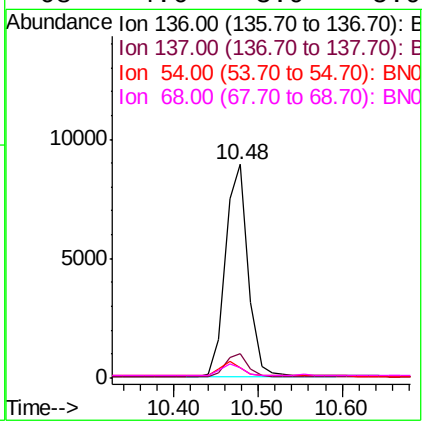


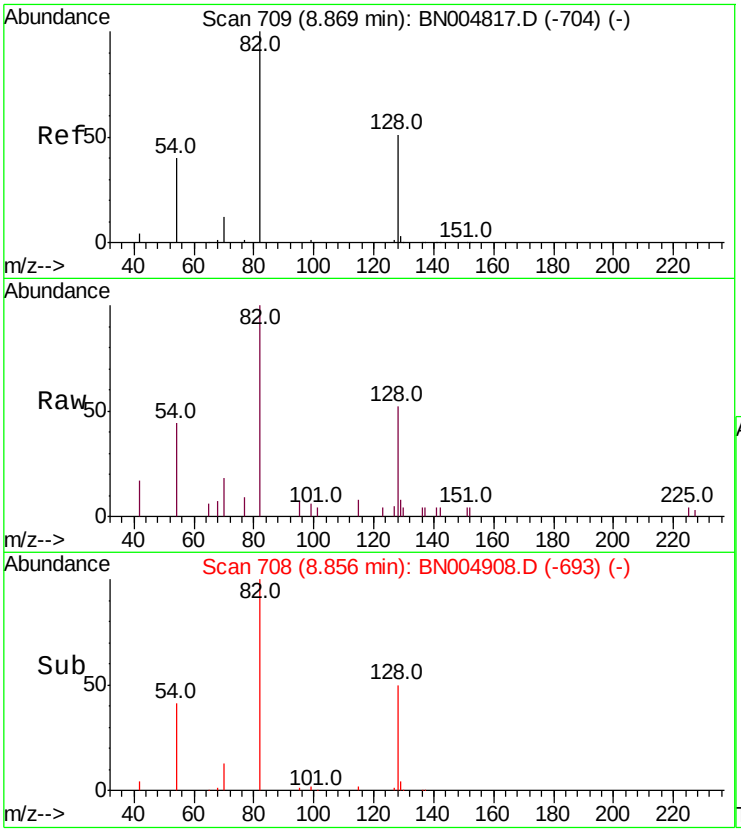


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:136 Resp: 16686

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	4.8	4.2	6.2
68	4.6	3.9	5.9



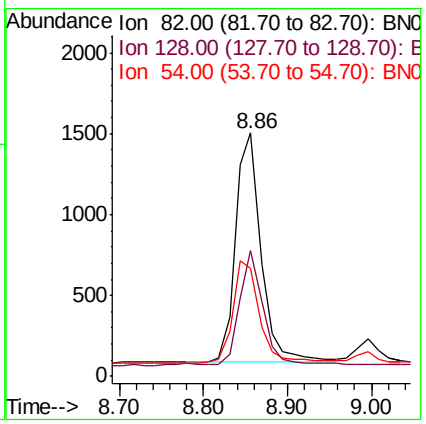


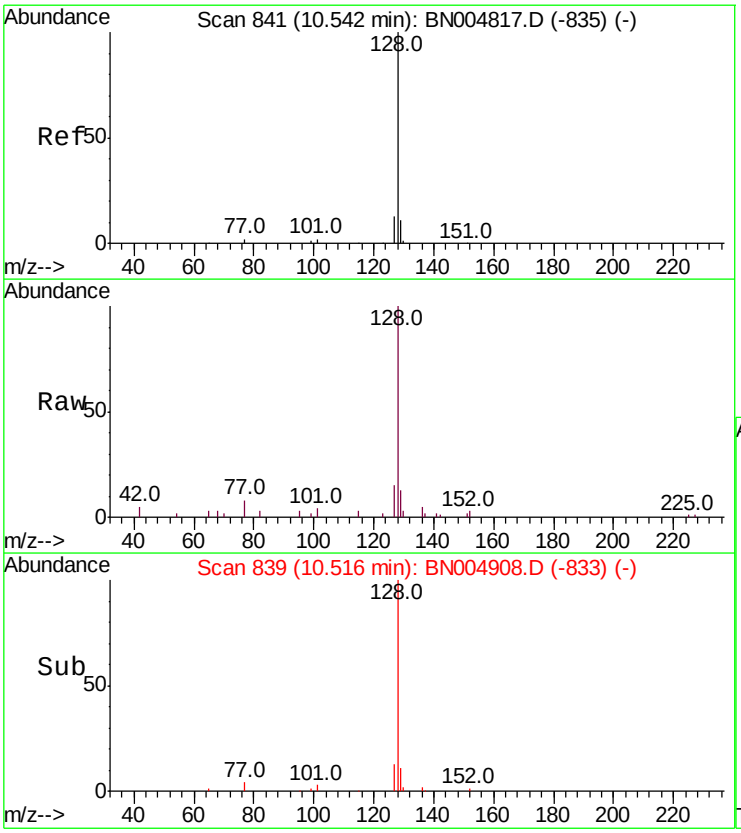
#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion: 82 Resp: 2956

Ion	Ratio	Lower	Upper
82	100		
128	51.9	43.0	64.6
54	44.5	35.3	52.9

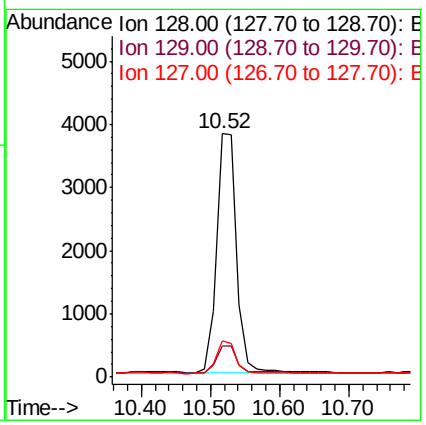


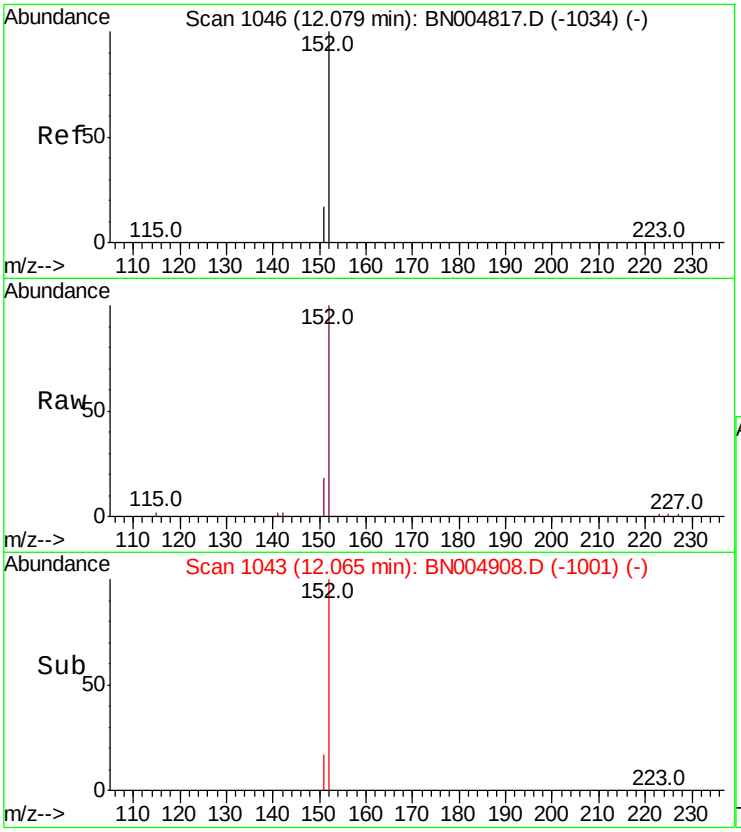


#9
Naphthalene
Concen: 0.163 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:128 Resp: 7646

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.9	14.9
127	14.8	11.3	16.9



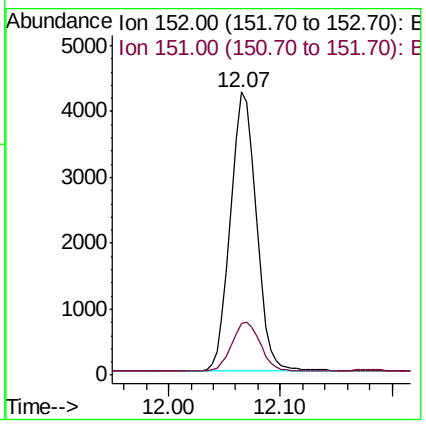


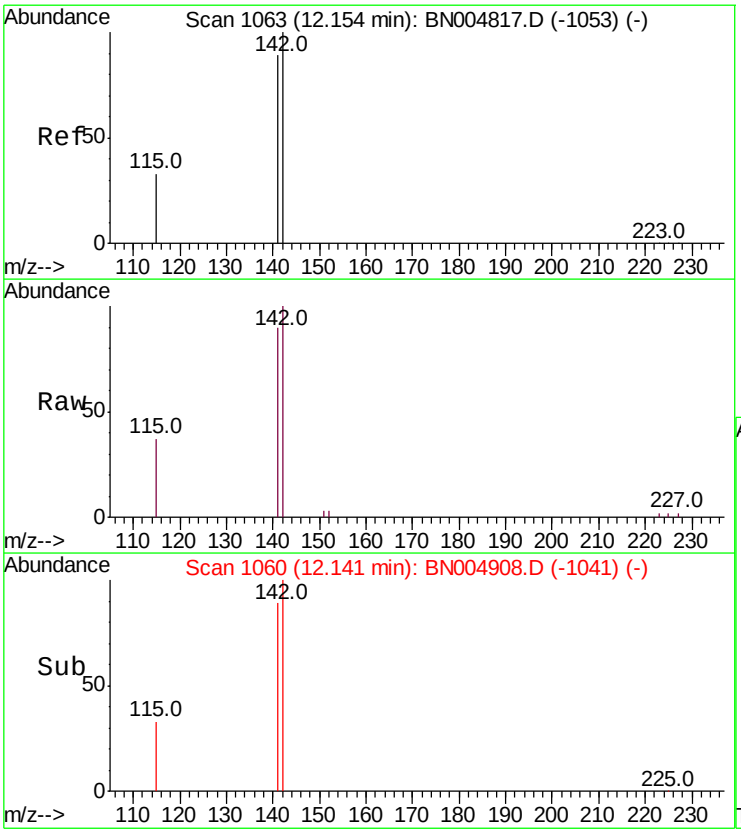
#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:152 Resp: 6768

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

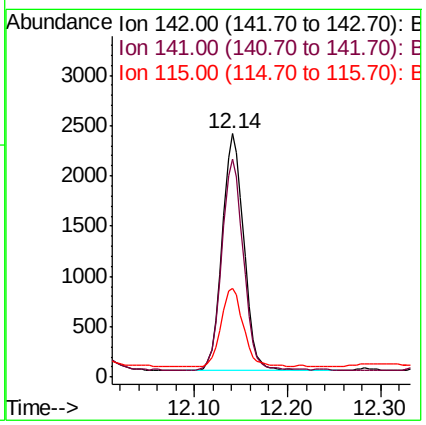


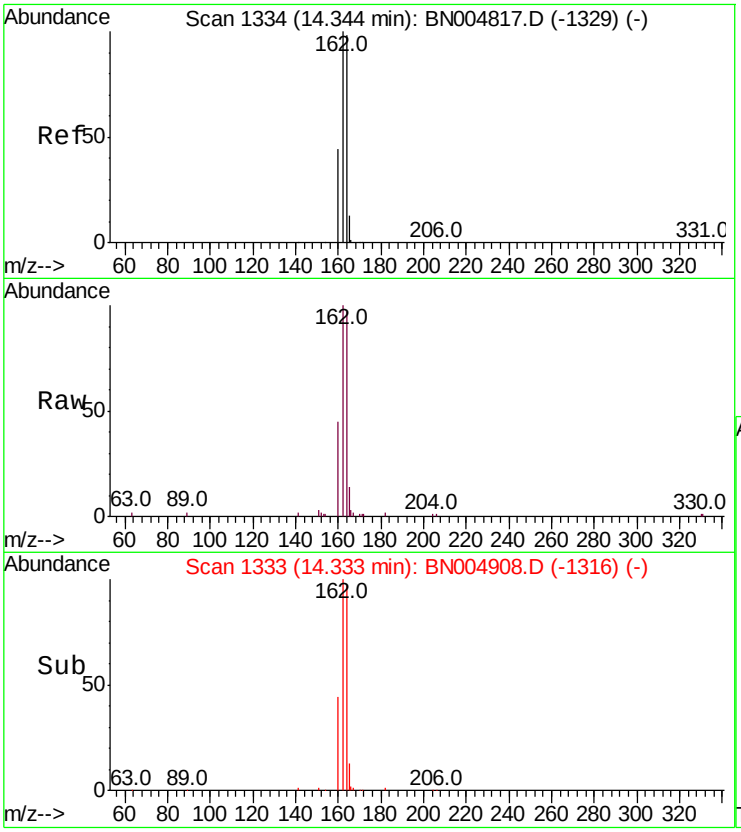


#12
2-Methylnaphthalene
Concen: 0.109 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:142 Resp: 3789

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	36.6	27.5	41.3



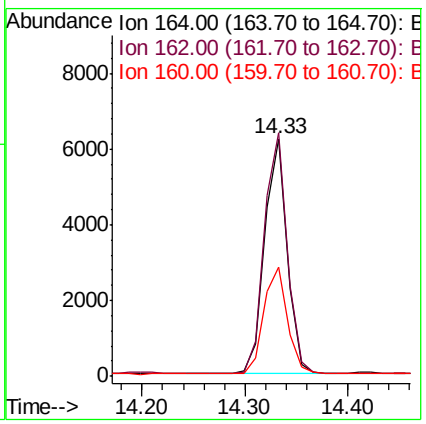


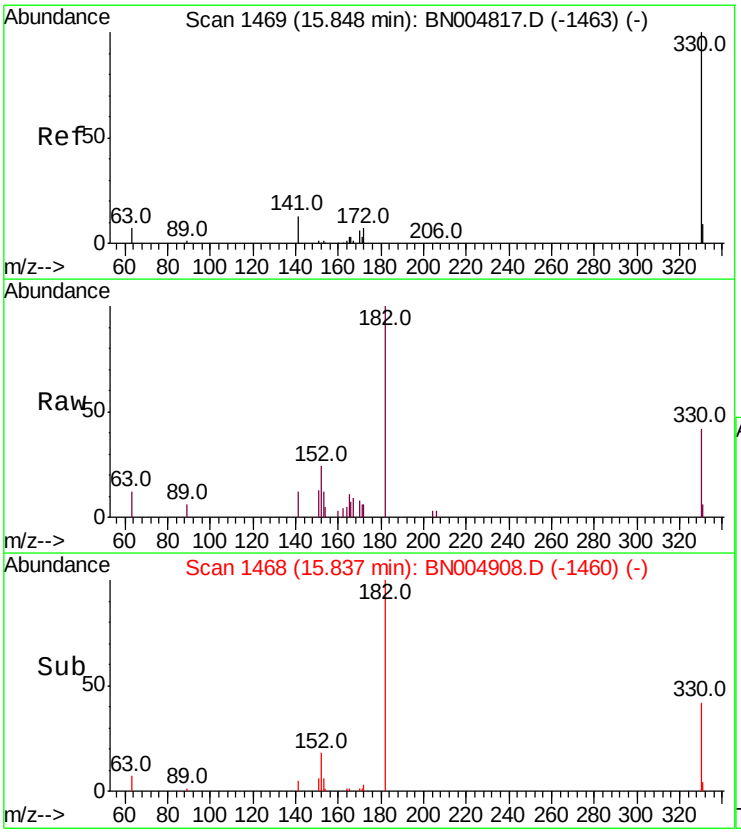
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:164 Resp: 9318

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.9	122.9
160	45.8	36.6	54.8

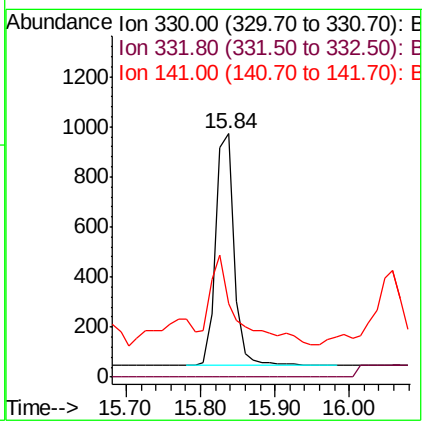


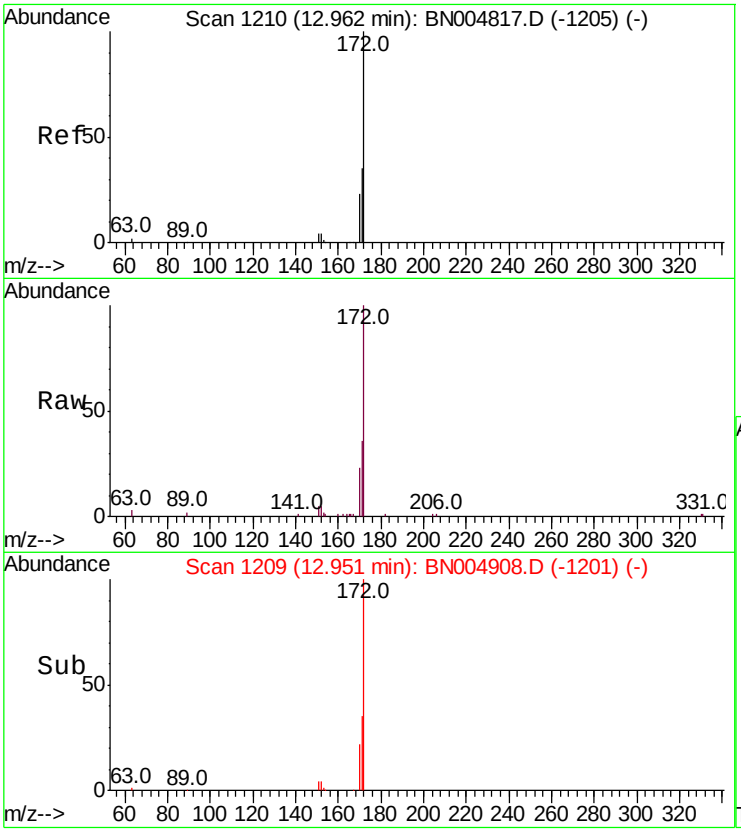


#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:330 Resp: 1606

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.2	20.9	31.3#



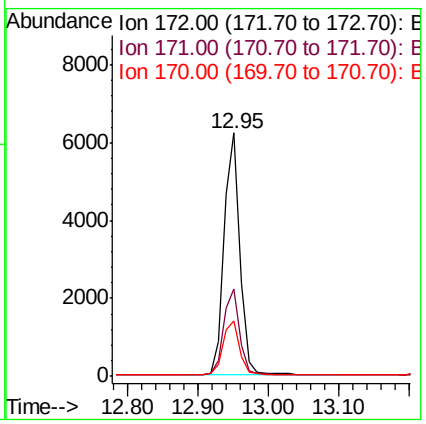


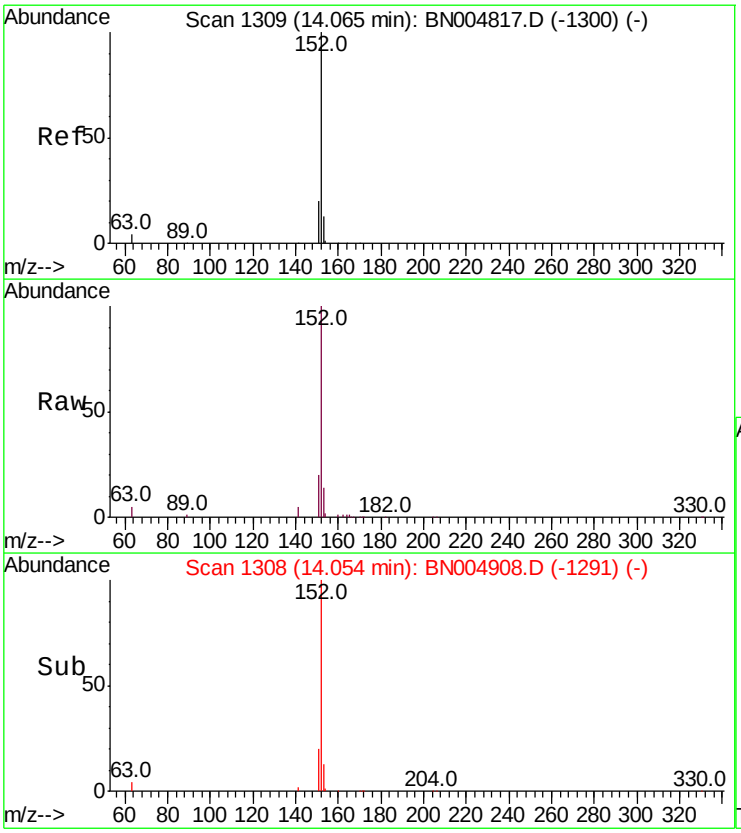
#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:172 Resp: 9735

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	22.8	18.7	28.1

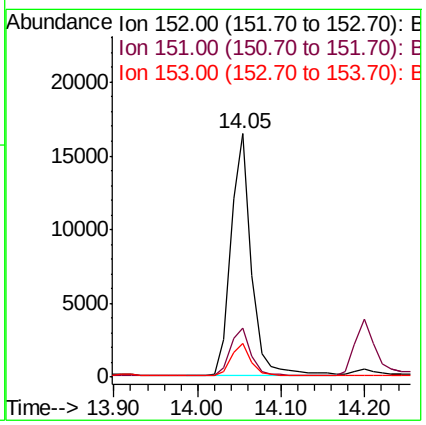


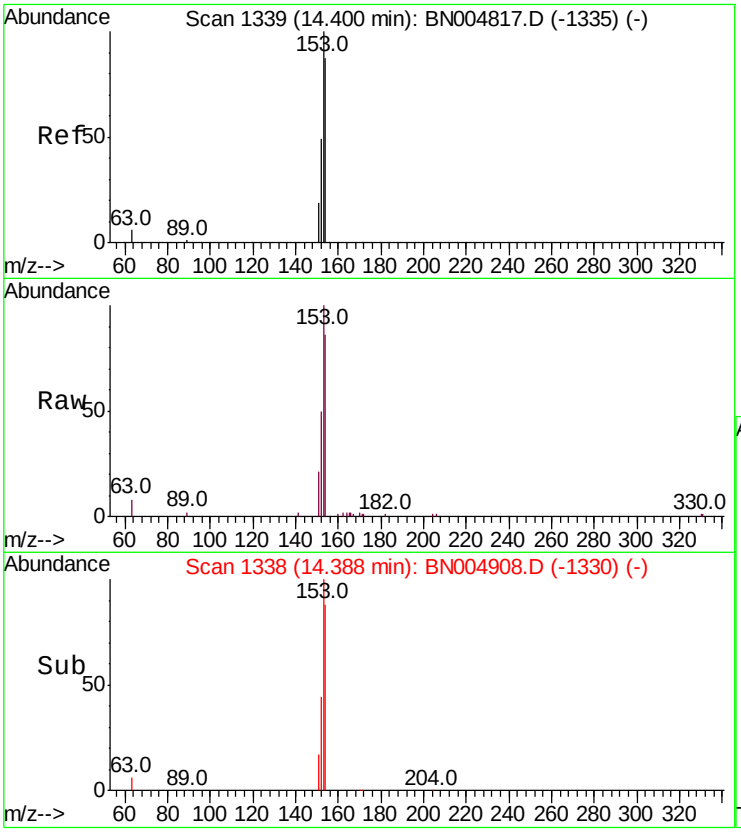


#16
Acenaphthylene
Concen: 0.582 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:152 Resp: 27940

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.9	10.5	15.7



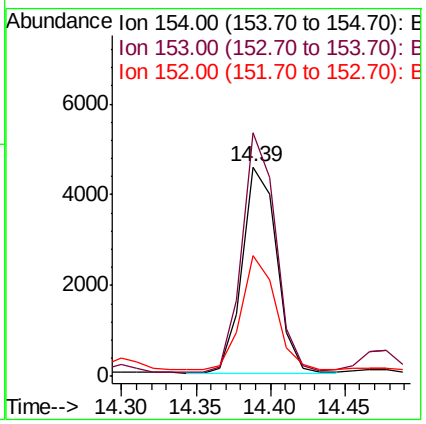


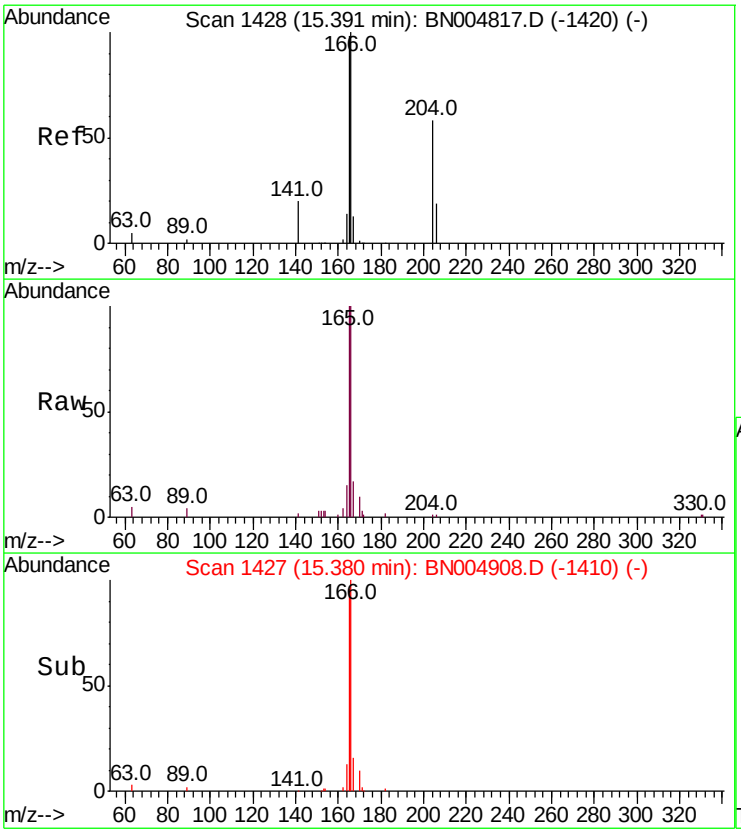
#17
Acenaphthene
Concen: 0.231 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:154 Resp: 7266

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.4	137.2
152	55.8	44.2	66.2

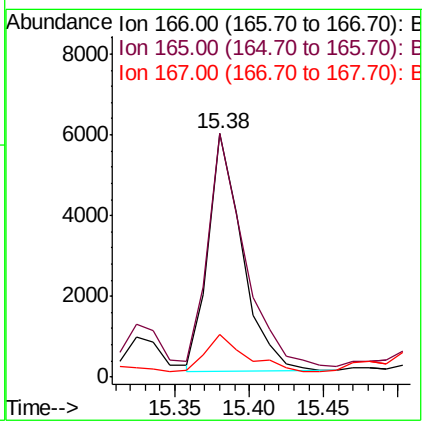


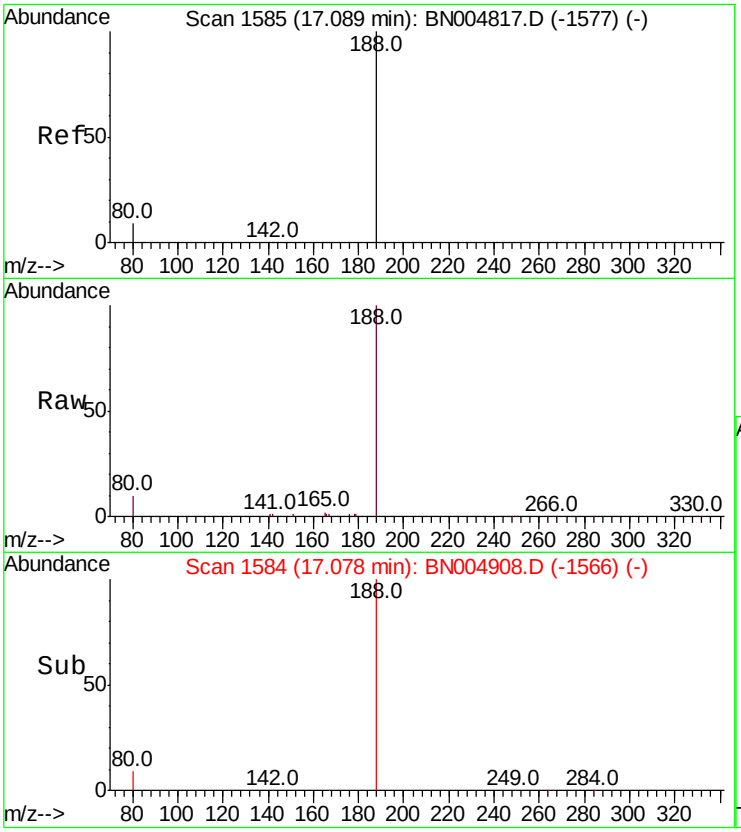


#18
Fluorene
Concen: 0.214 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:166 Resp: 9374

Ion	Ratio	Lower	Upper
166	100		
165	104.9	78.2	117.4
167	19.2	11.0	16.4#



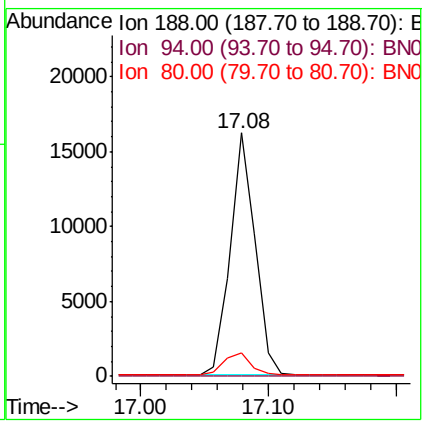


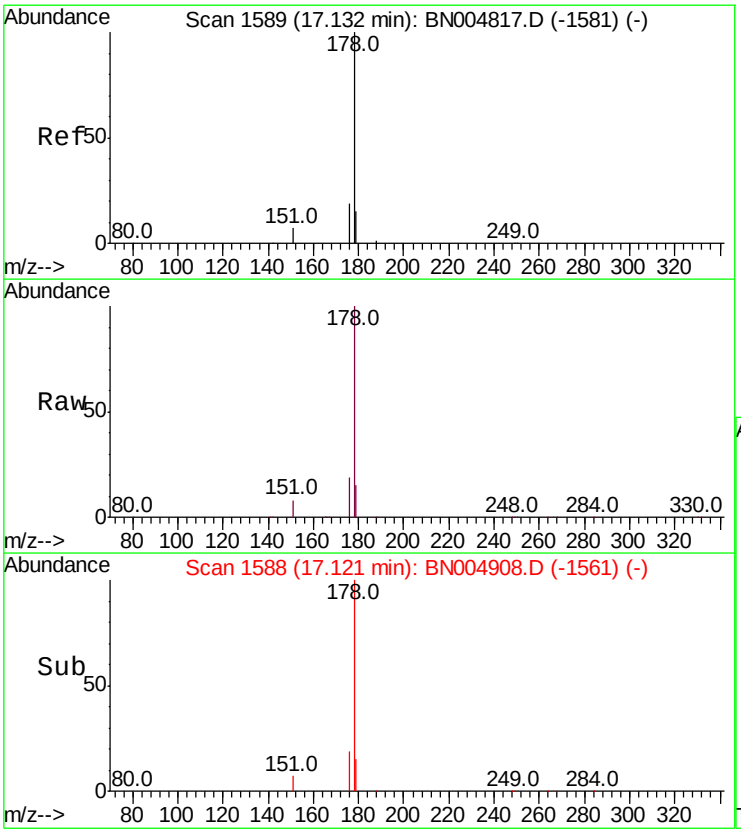
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:188 Resp: 21910

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.2

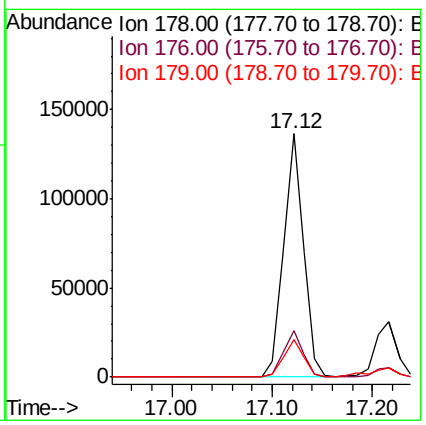


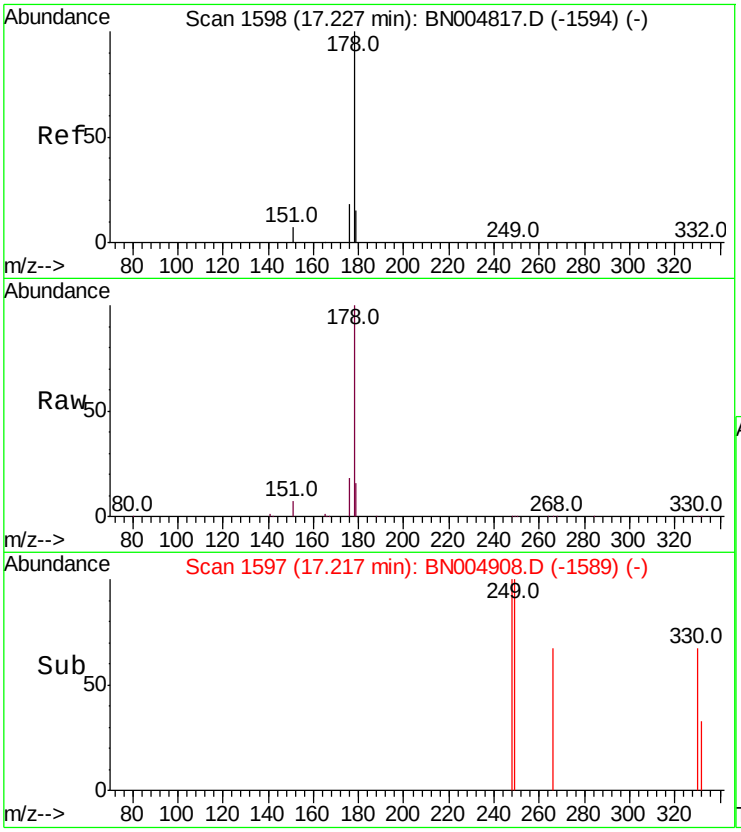


#23
Phenanthrene
Concen: 2.632 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:178 Resp: 186223

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.1	18.1



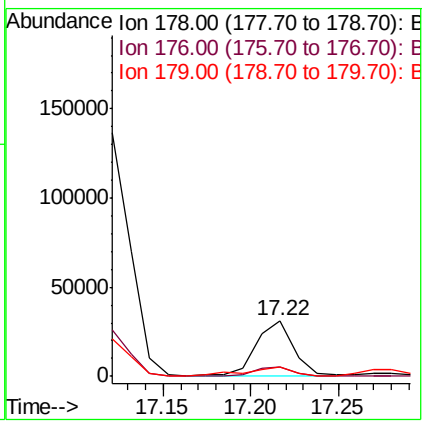


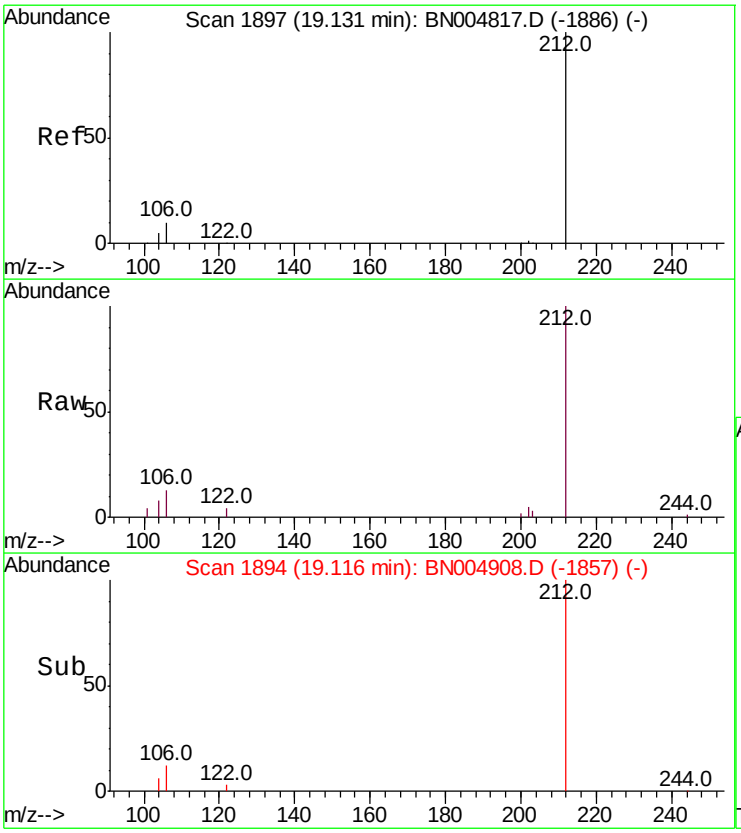
#24
Anthracene
Concen: 0.709 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:178 Resp: 44773

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	19.3	12.2	18.4#

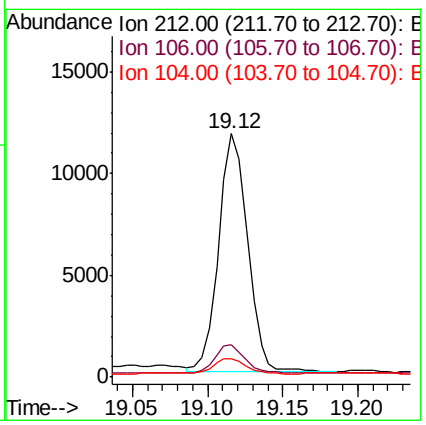


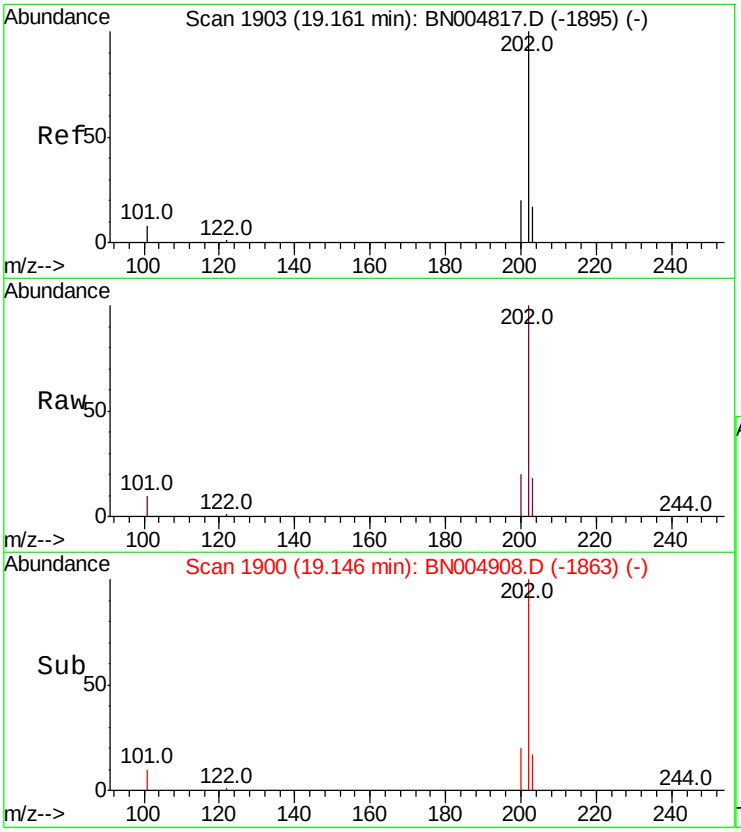


#25
Fluoranthene-d10
Concen: 0.213 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:212 Resp: 15626

Ion	Ratio	Lower	Upper
212	100		
106	12.4	8.6	13.0
104	6.9	4.7	7.1



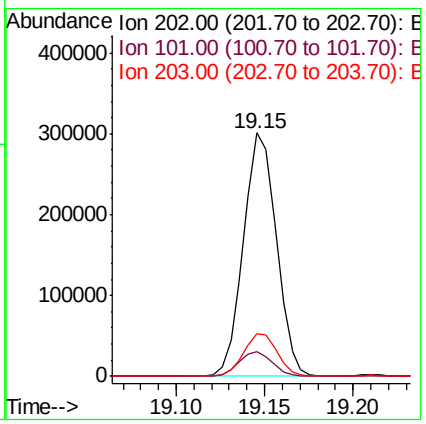


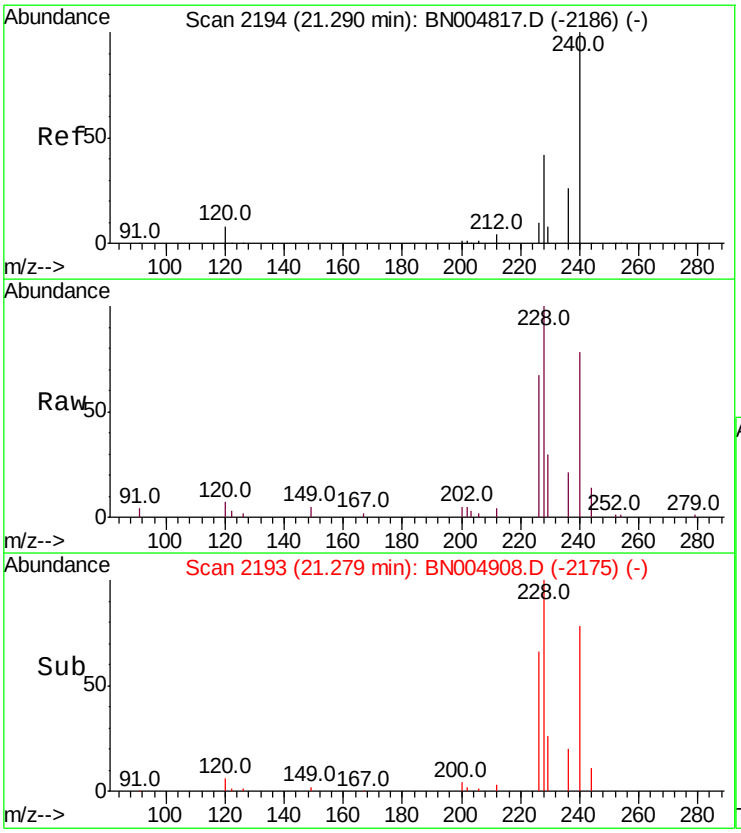
#26
Fluoranthene
Concen: 4.257 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:202 Resp: 387009

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.5	11.3
203	17.6	13.8	20.6

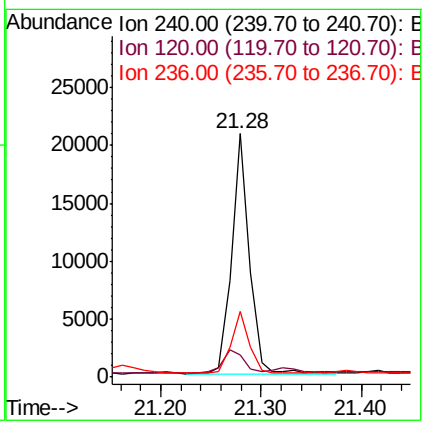


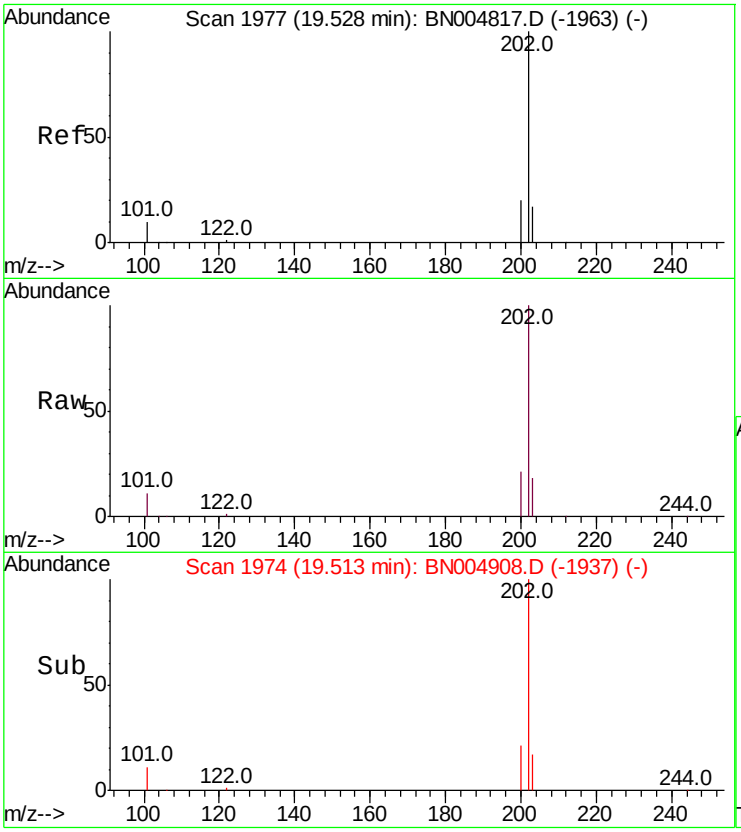


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:240 Resp: 25416

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.2	10.8
236	27.2	20.9	31.3



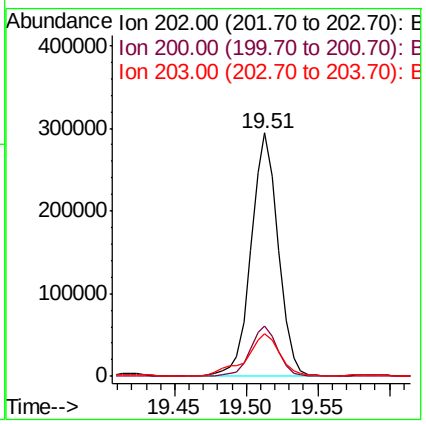


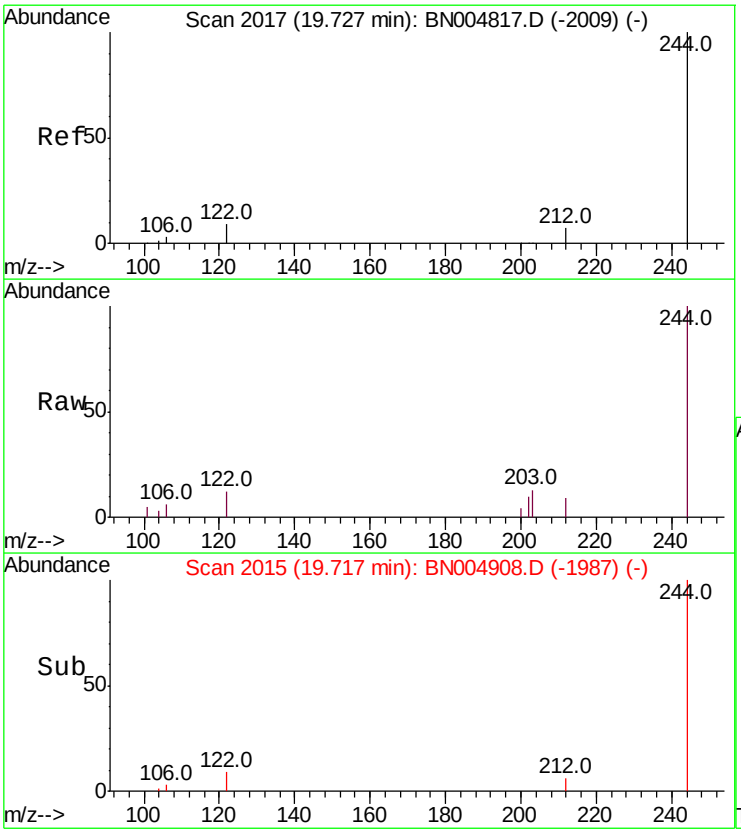
#28
Pyrene
Concen: 4.985 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:202 Resp: 386344

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	21.4	14.0	21.0#

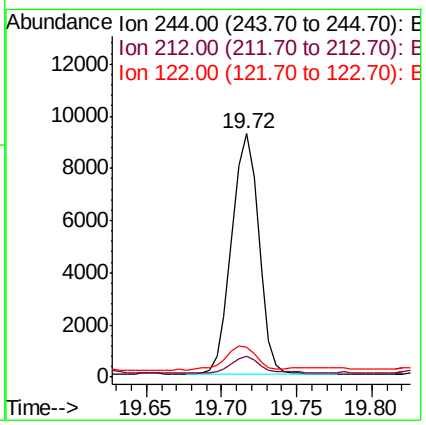


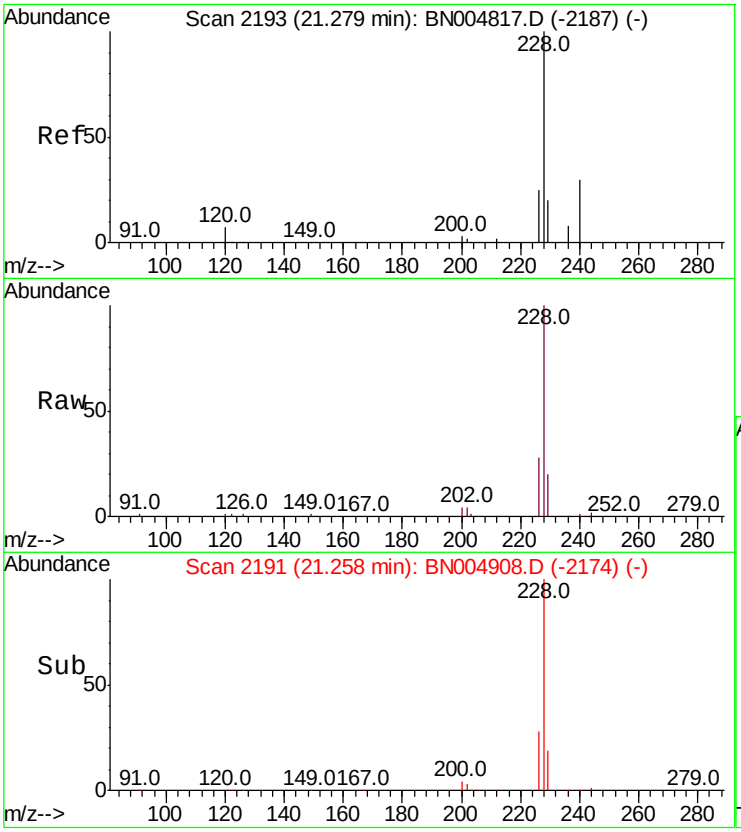


#29
Terphenyl-d14
Concen: 0.221 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:244 Resp: 11475

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	12.4	7.9	11.9#



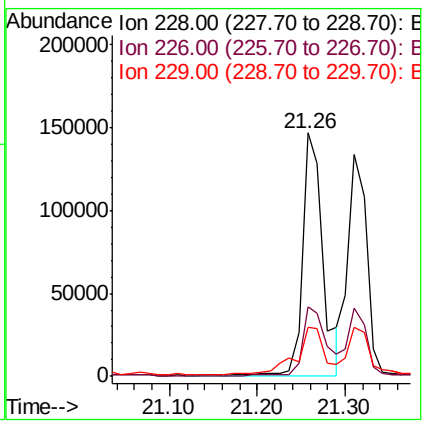


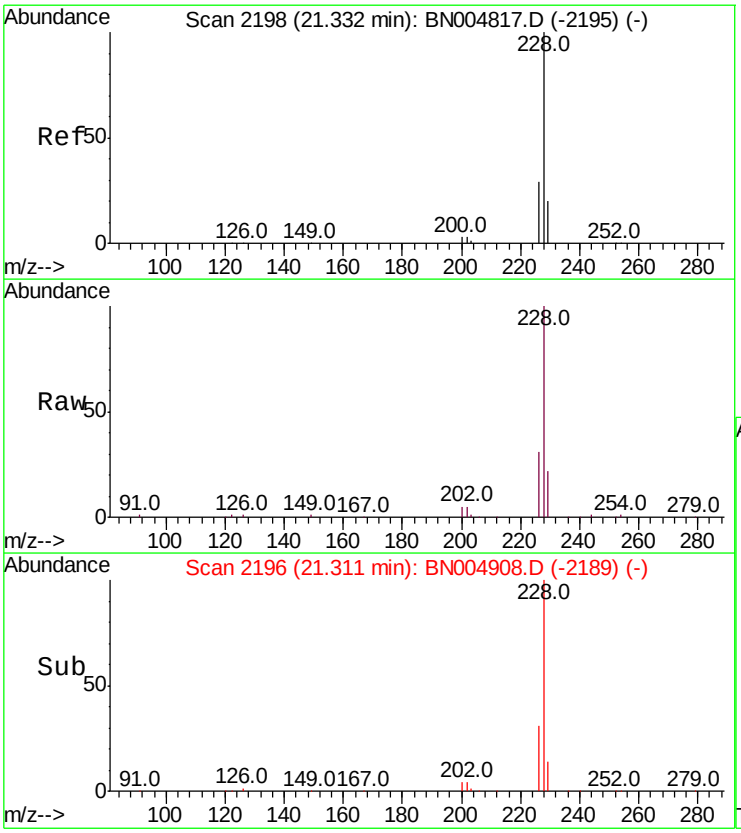
#30
Benzo(a)anthracene
Concen: 2.784 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:228 Resp: 232039

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.6	31.0
229	20.4	16.2	24.4

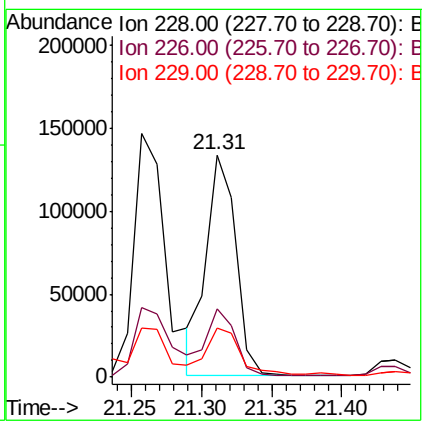


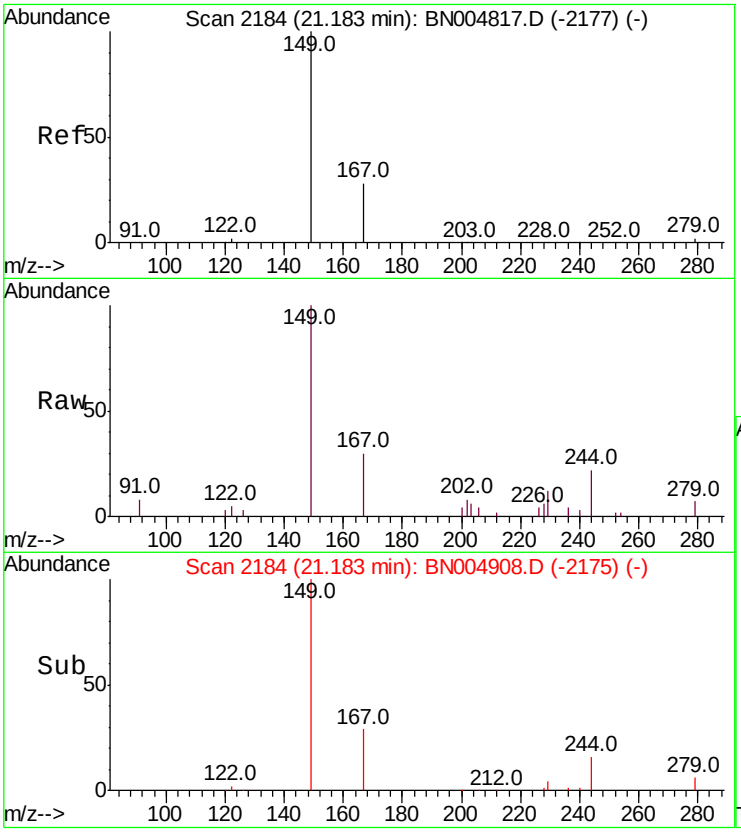


#31
Chrysene
Concen: 2.230 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:228 Resp: 195745

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.6
229	21.9	16.2	24.2



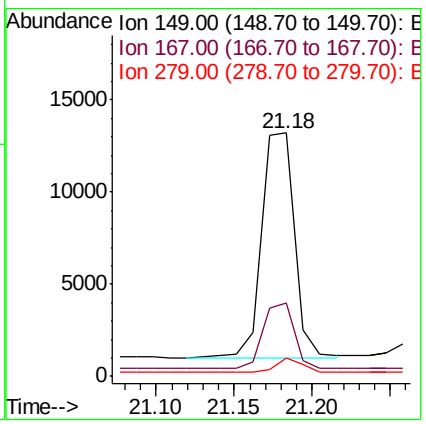


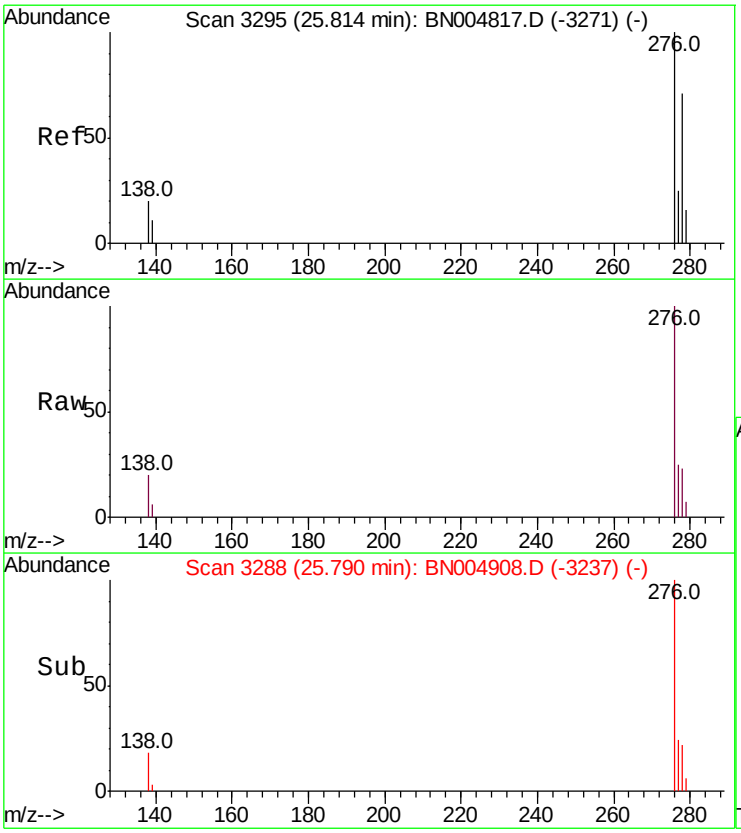
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.534 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:149 Resp: 17779

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.2	4.6	6.8

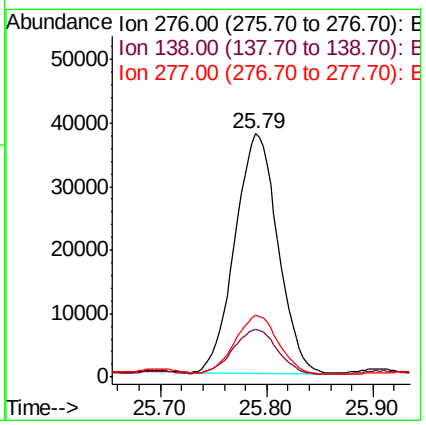


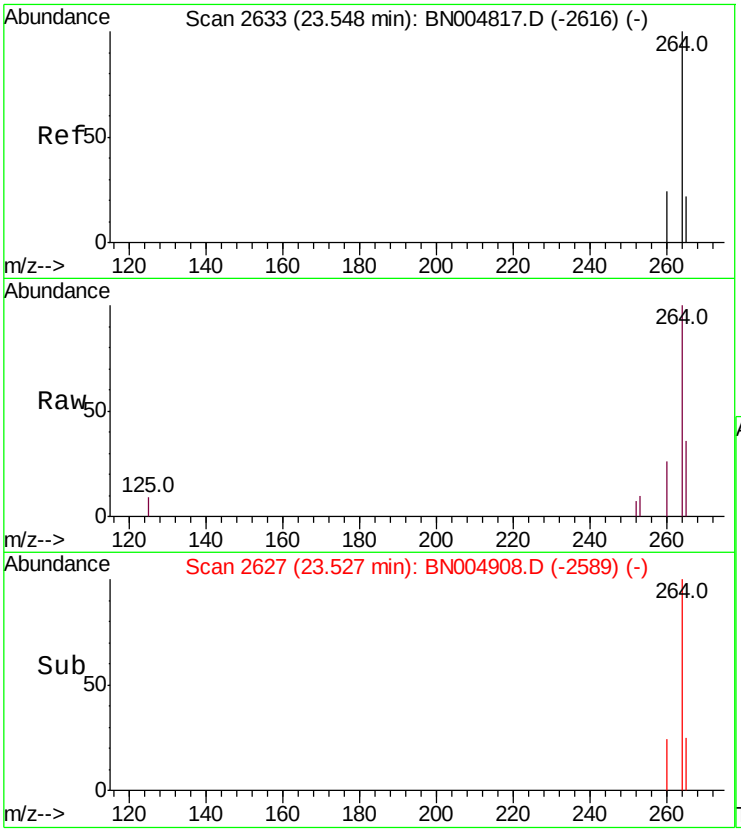


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.835 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:276 Resp: 106030

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.6	24.8
277	25.1	20.3	30.5



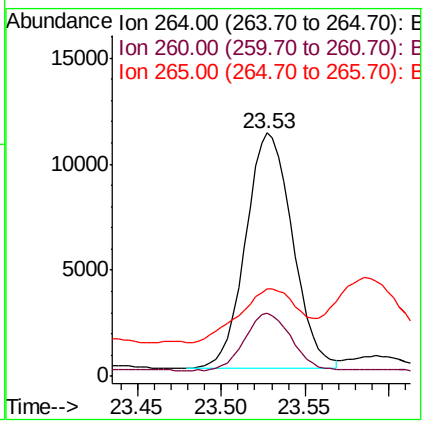


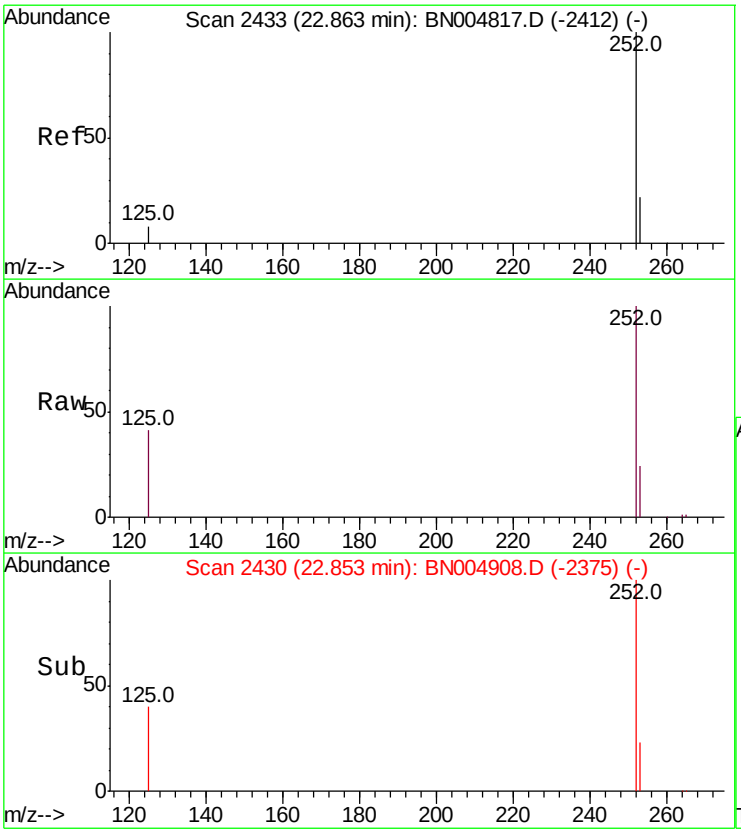
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:264 Resp: 21701

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	35.8	23.1	34.7#

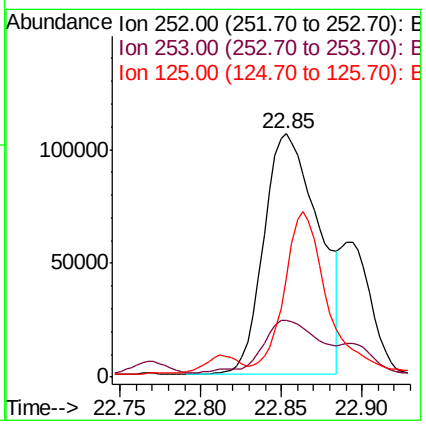


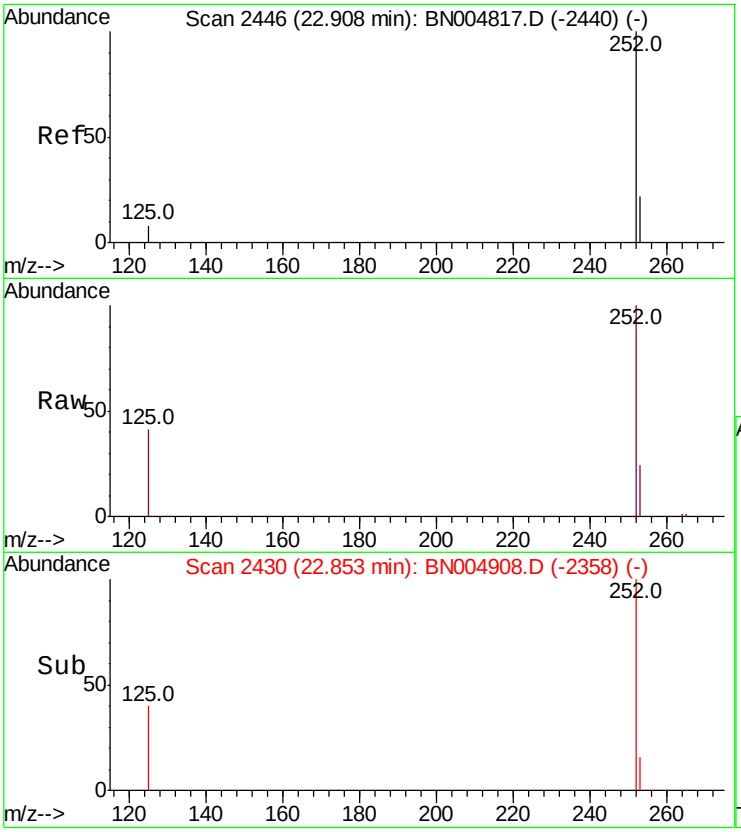


#35
Benzo(b)fluoranthene
Concen: 3.187 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:252 Resp: 250212

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	40.9	7.4	11.2#



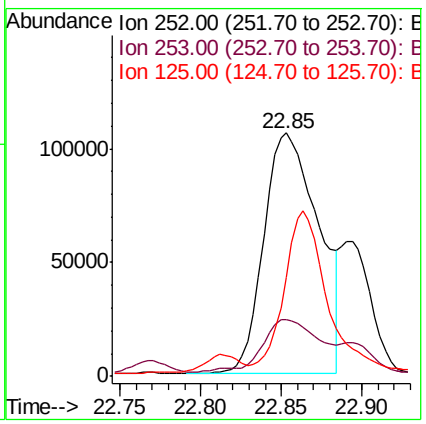


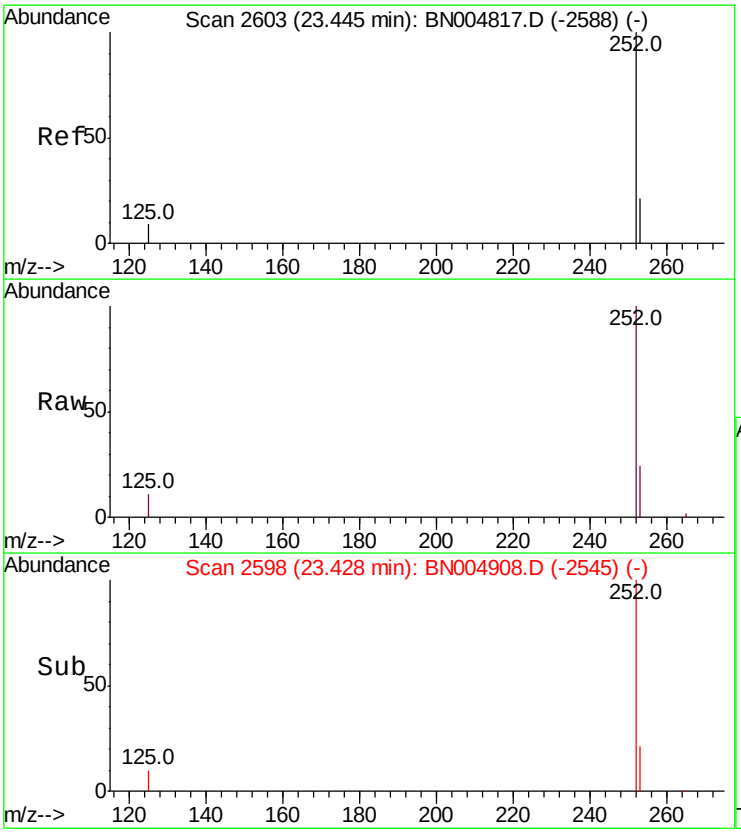
#36
Benzo(k)fluoranthene
Concen: 3.240 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:252 Resp: 250212

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	40.9	7.4	11.0#

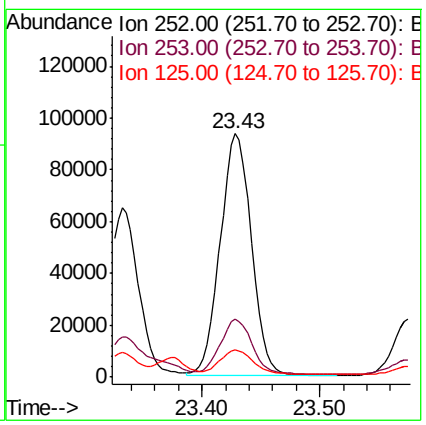


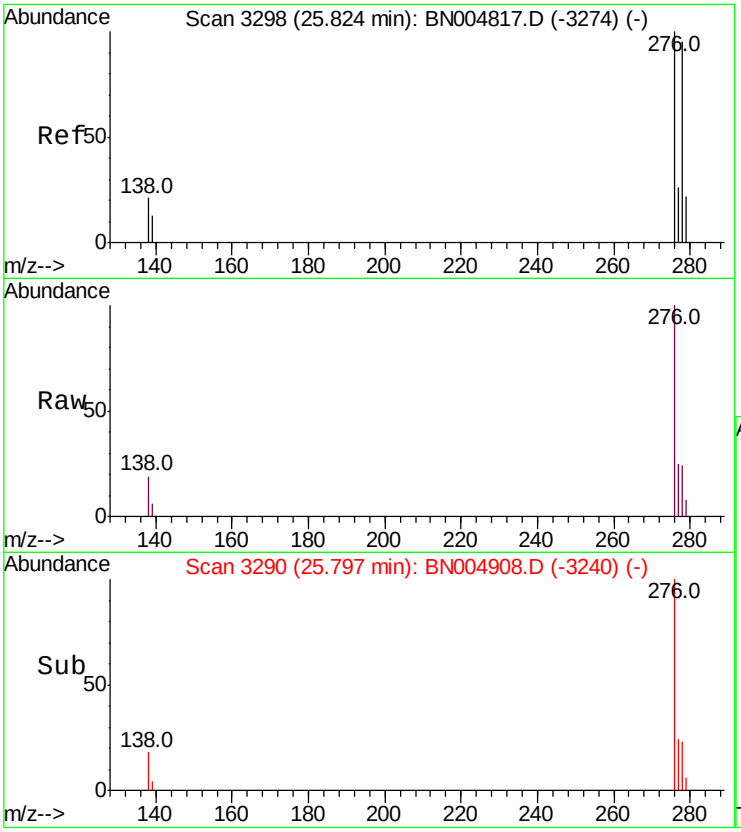


#37
Benzo(a)pyrene
Concen: 2.366 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:252 Resp: 170367

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	11.2	8.3	12.5



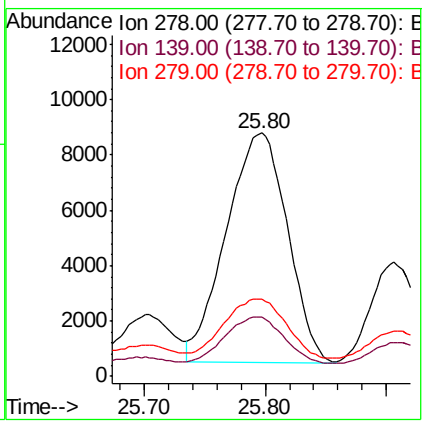


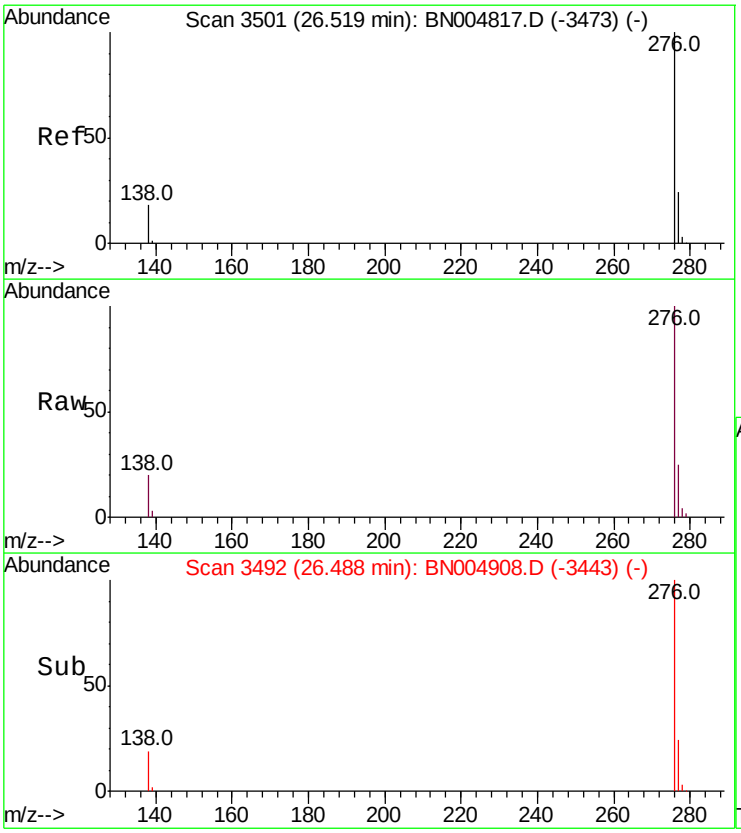
#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:278 Resp: 29085

Ion	Ratio	Lower	Upper
278	100		
139	24.4	11.7	17.5#
279	31.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 1.184 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004908.D
Acq: 23 Mar 2019 05:02

Tgt Ion:276 Resp: 100589

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	20.1	14.6	22.0