Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
Data File : BN004923.D
Acq On : 23 Mar 2019 16:44
Operator : JU/SJ
Sample : K1817-07DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-027-SW015-030719DL

Quant Time: Mar 24 01:00:44 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	2260	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	9477	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	5289	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	12337	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	16917	0.40	ng		-0.01
34) Perylene-d12	23.52	264	19300	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	1257	0.20	ng		0.00
5) Phenol-d6	6.86	99	1604	0.21	ng		-0.02
8) Nitrobenzene-d5	8.86	82	1268	0.20	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	2454	0.15	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	609	0.17	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	3438	0.16	ng		-0.01
25) Fluoranthene-d10	19.12	212	5289	0.13	ng		-0.01
29) Terphenyl-d14	19.72	244	3825	0.11	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.52	128	3851	0.145	ng		96
12) 2-Methylnaphthalene	12.14	142	3293	0.167	ng		98
16) Acenaphthylene	14.05	152	4720	0.173	ng	#	96
17) Acenaphthene	14.39	154	18423	1.033	ng		100
18) Fluorene	15.38	166	17150	0.689	ng	#	97
23) Phenanthrene	17.12	178	286773	7.199	ng		99
24) Anthracene	17.22	178	69580	1.956	ng	#	92
26) Fluoranthene	19.15	202	353352	6.902	ng		99
28) Pyrene	19.51	202	293818	5.696	ng	#	94
30) Benzo(a)anthracene	21.26	228	189244	3.411	ng		98
31) Chrysene	21.31	228	152741	2.614	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	14670	0.662	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	85602	1.012	ng		99
35) Benzo(b)fluoranthene	22.85	252	204126	2.924	ng		99
36) Benzo(k)fluoranthene	22.85	252	204126	2.972	ng		98
37) Benzo(a)pyrene	23.42	252	150635	2.352	ng		99
38) Dibenzo(a,h)anthracene	25.79	278	26391	0.356	ng	#	87
39) Benzo(g,h,i)perylene	26.49	276	73731	0.976	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
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Operator : JU/SJ
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Instrument :
BNA_N
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EXT-027-SW015-030719DL

Quant Time: Mar 24 01:00:44 2019
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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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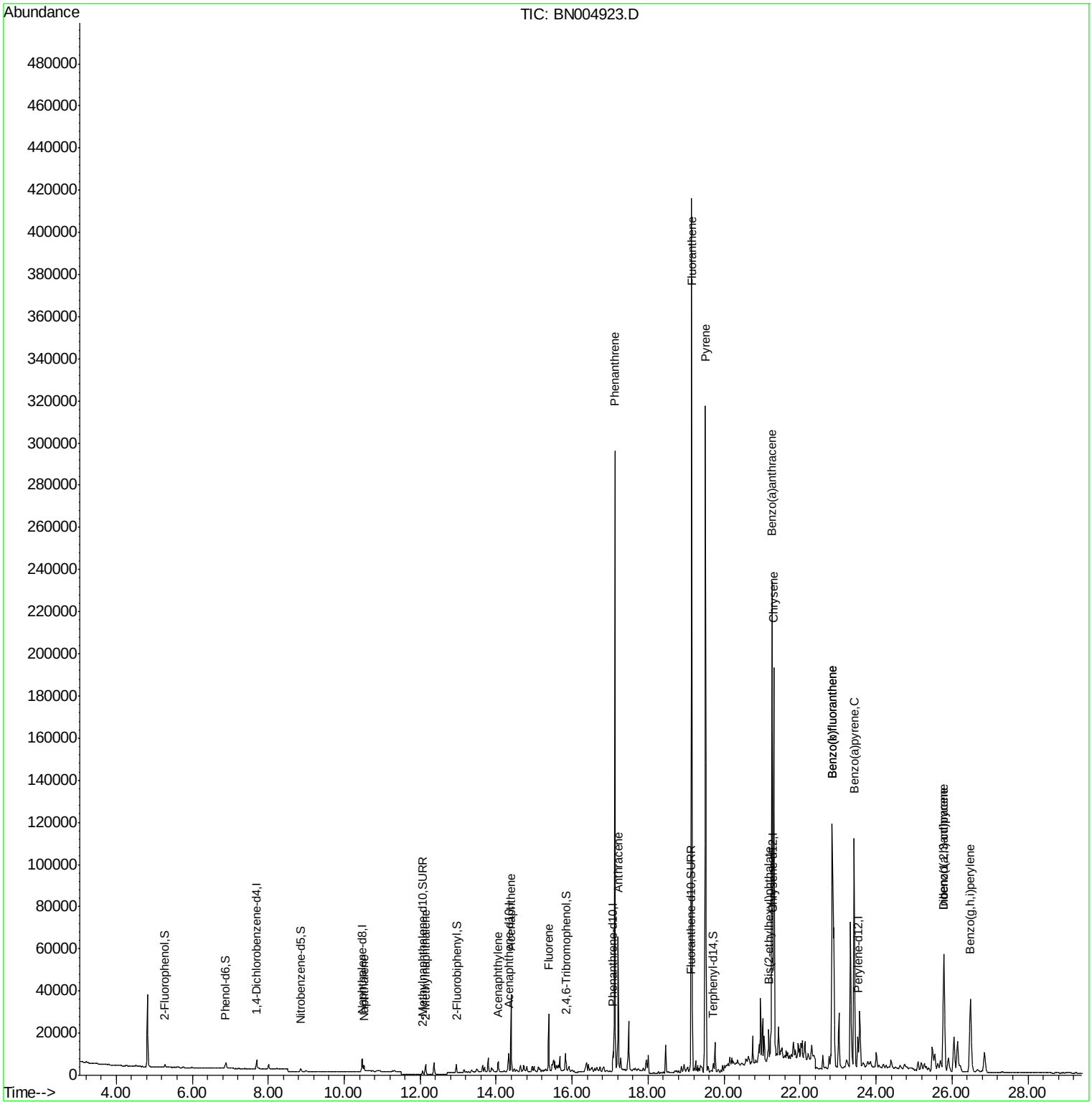
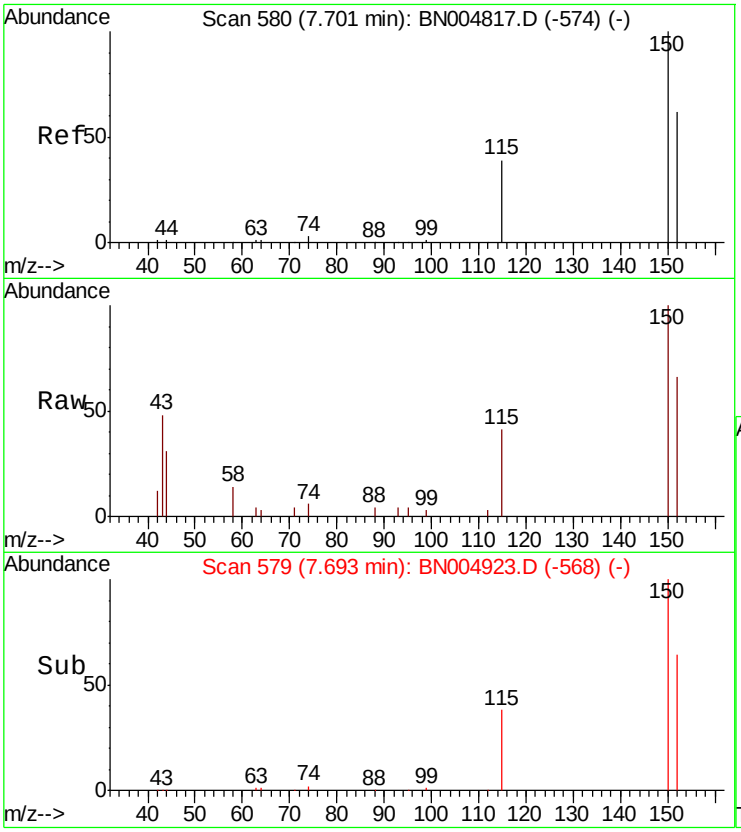


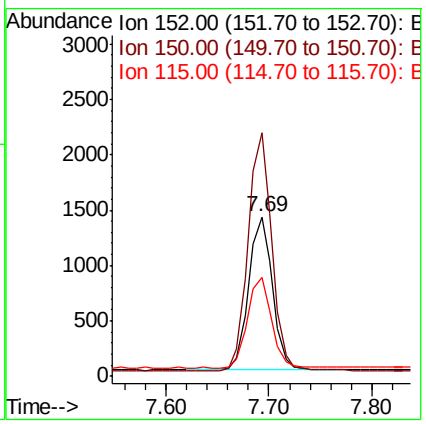


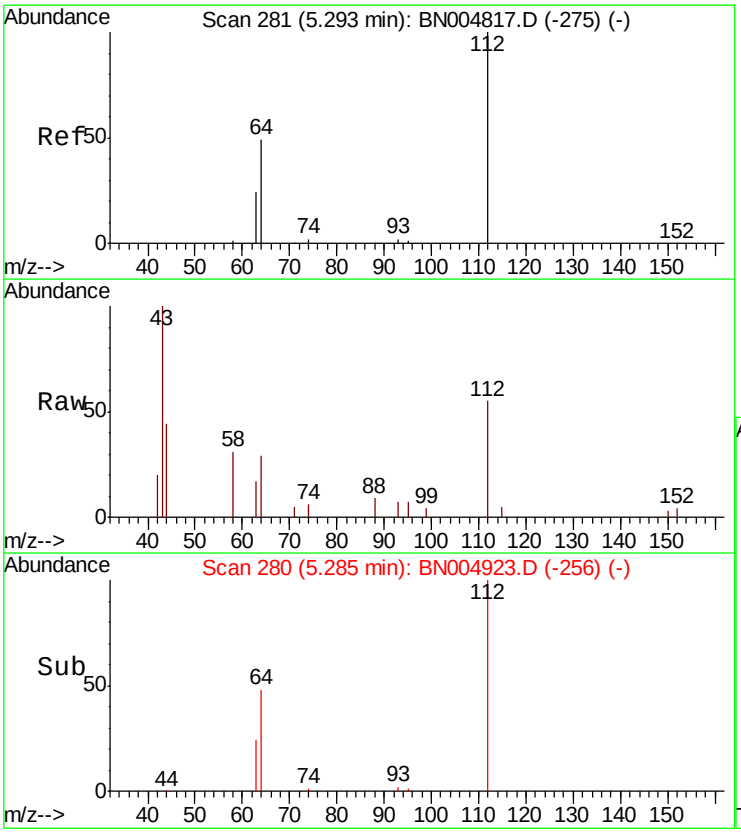
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:152 Resp: 2260

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.4
115	62.2	52.6	79.0

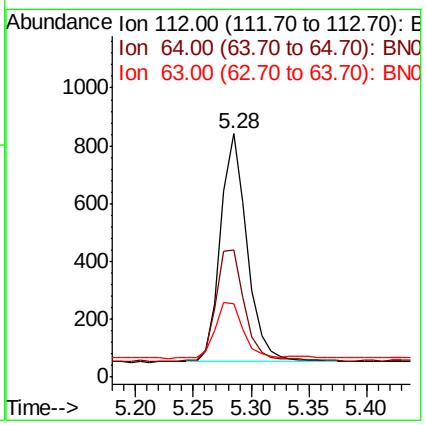


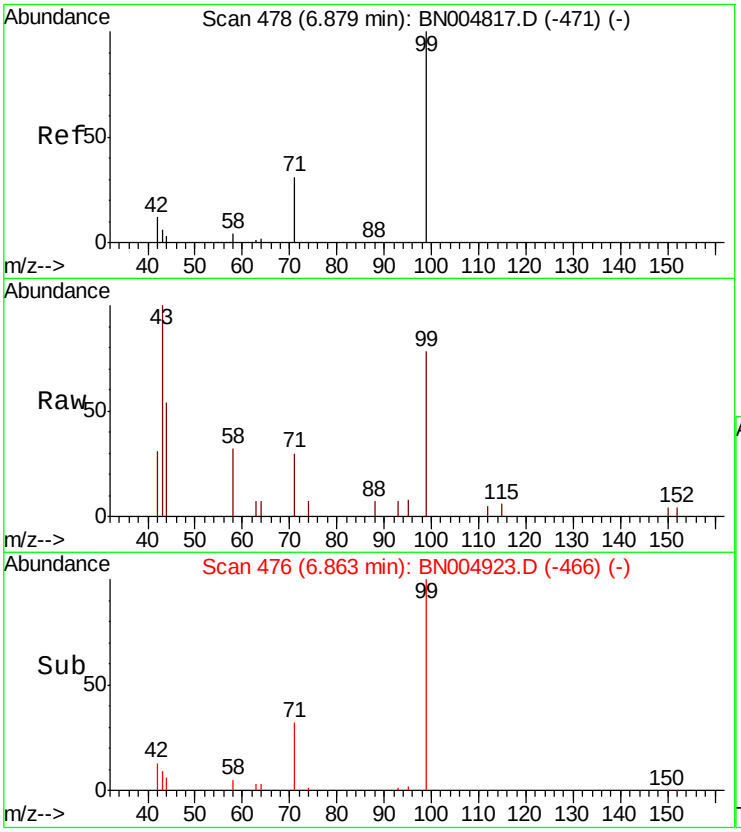


#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:112 Resp: 1257

Ion	Ratio	Lower	Upper
112	100		
64	53.5	40.0	60.0
63	26.0	20.2	30.2



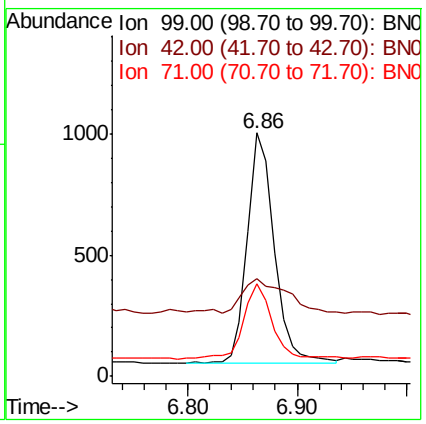


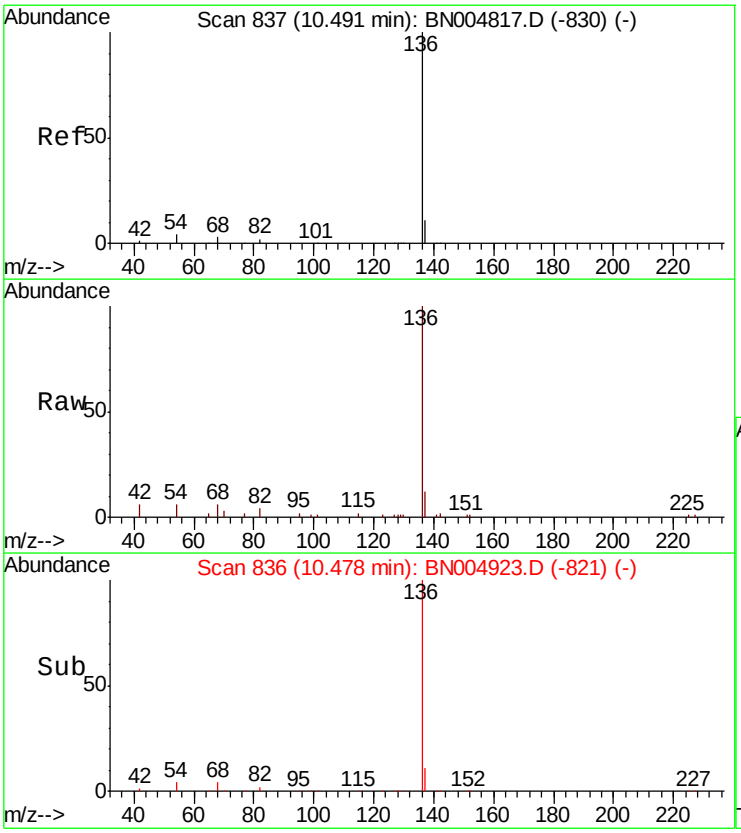
#5
Phenol-d6
Concen: 0.210 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion: 99 Resp: 1604

Ion	Ratio	Lower	Upper
99	100		
42	25.4	12.7	19.1#
71	34.9	26.6	40.0

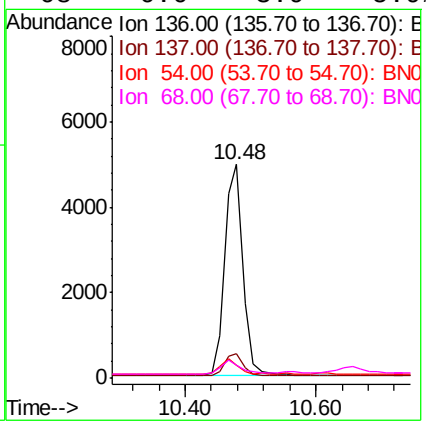


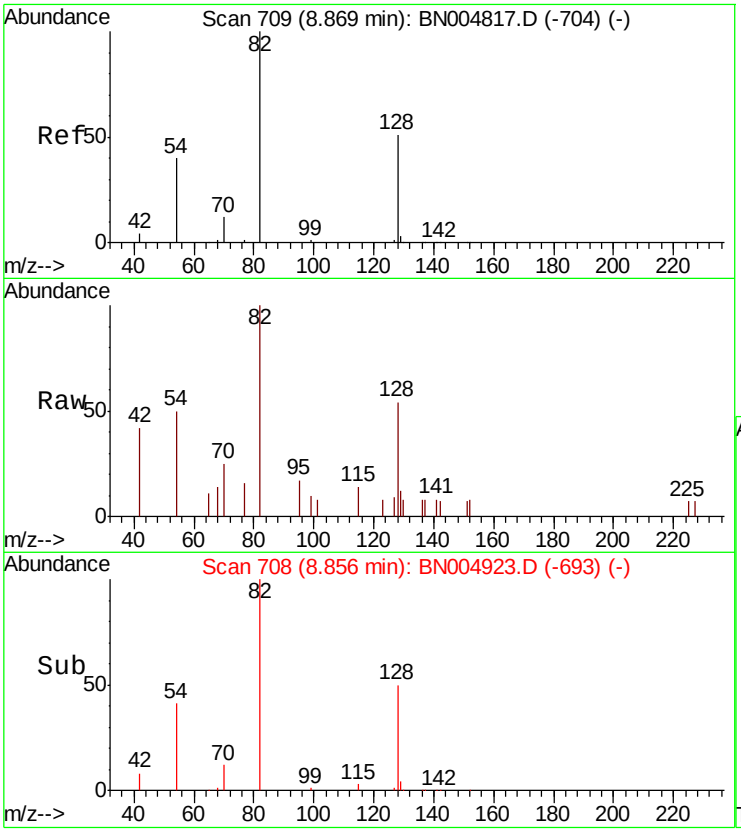


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:136 Resp: 9477

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	5.9	4.2	6.2
68	6.0	3.9	5.9#



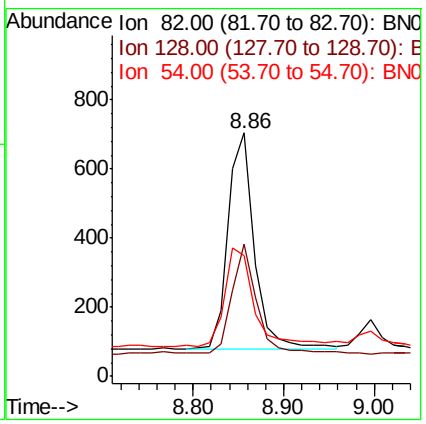


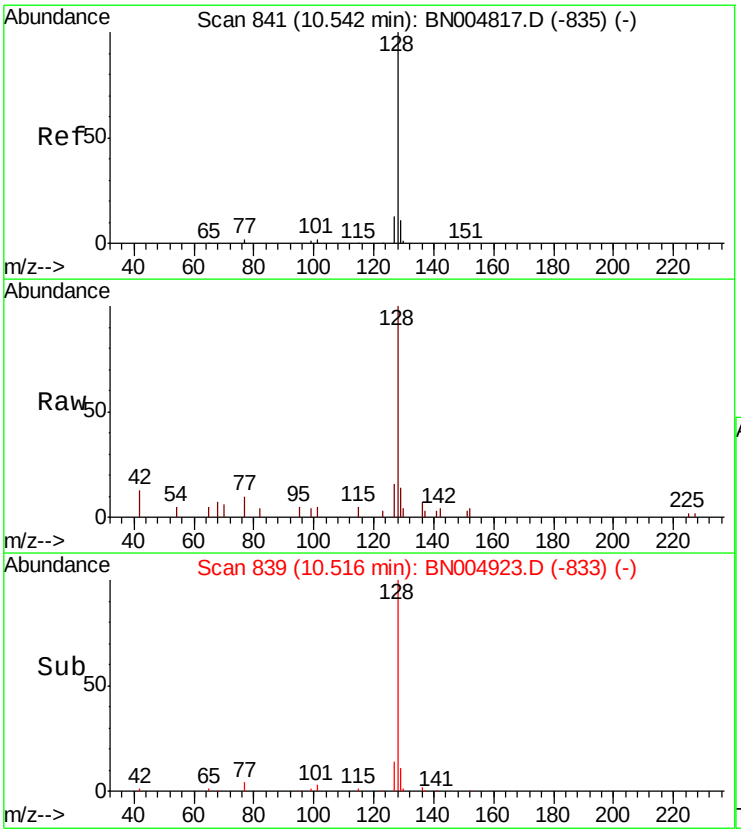
#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion: 82 Resp: 1268

Ion	Ratio	Lower	Upper
82	100		
128	54.5	43.0	64.6
54	49.6	35.3	52.9

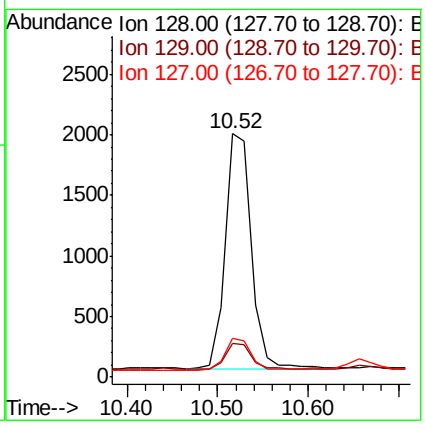


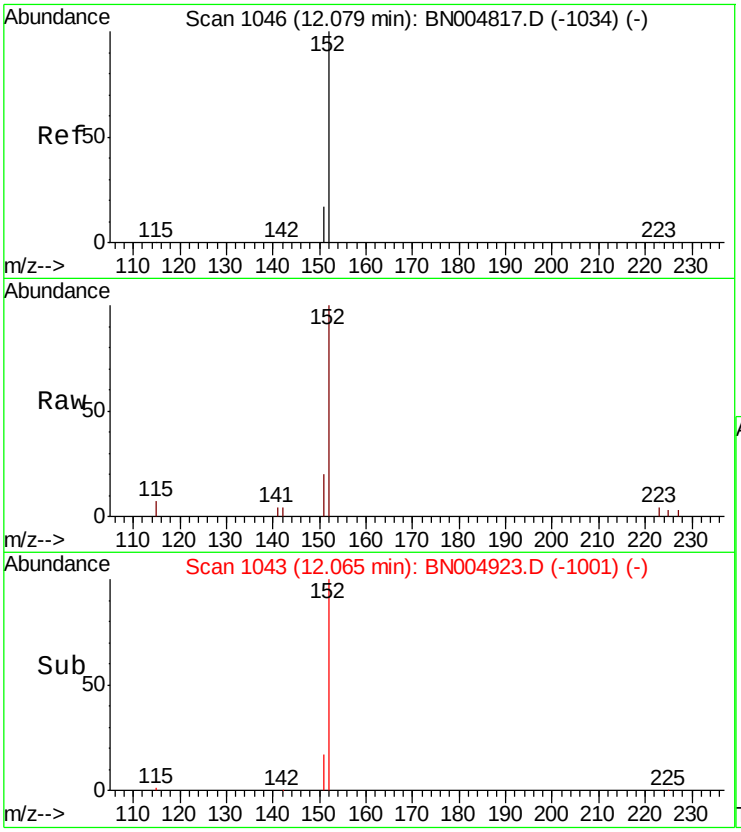


#9
Naphthalene
Concen: 0.145 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:128 Resp: 3851

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.9	14.9
127	15.9	11.3	16.9



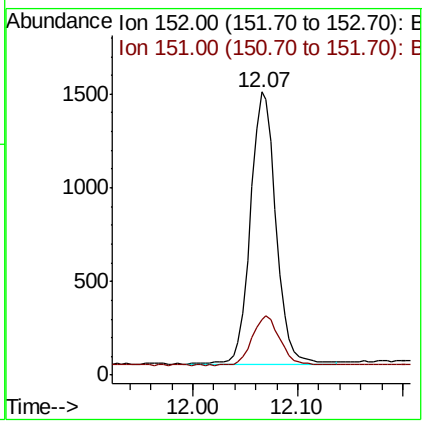


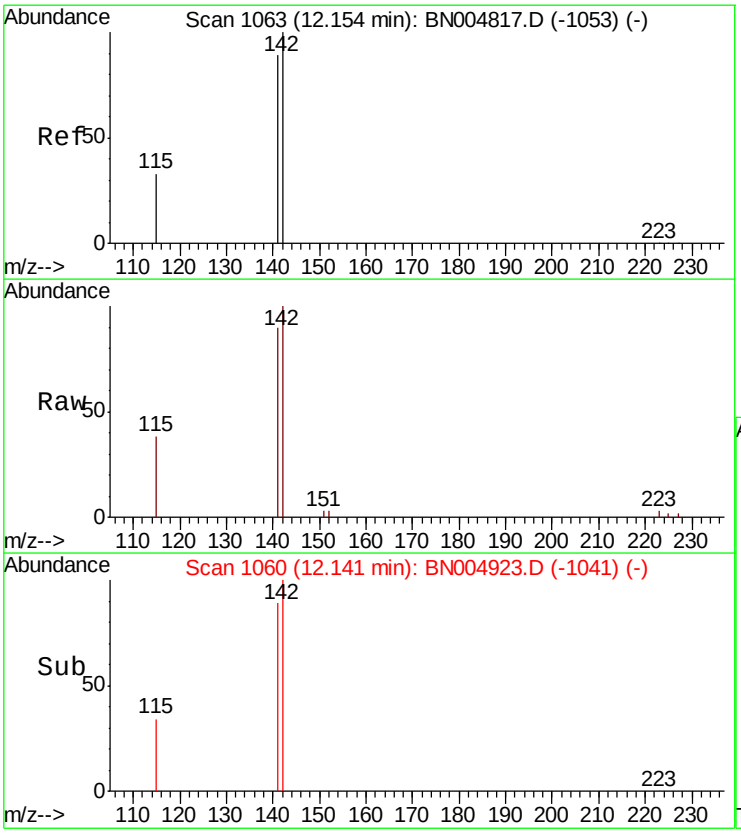
#11
2-Methylnaphthalene-d10
Concen: 0.148 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:152 Resp: 2454

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

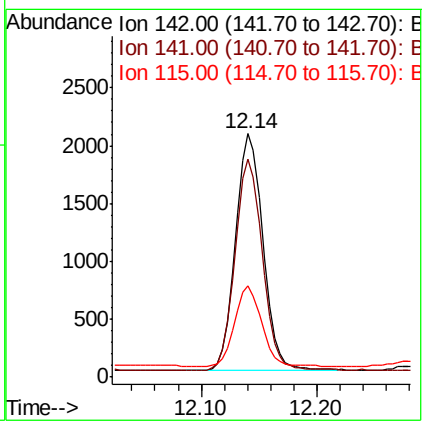


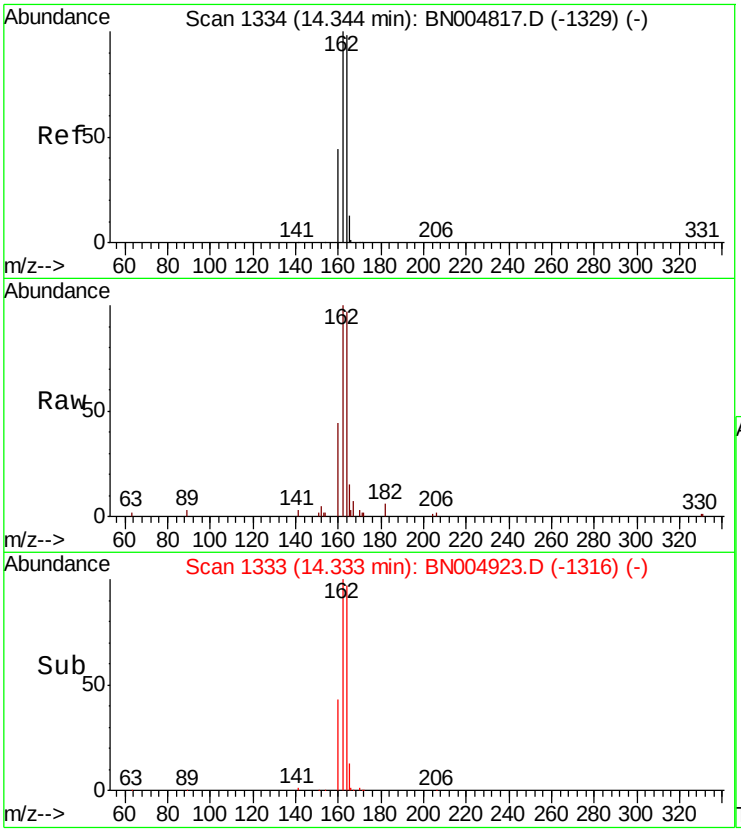


#12
2-Methylnaphthalene
Concen: 0.167 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:142 Resp: 3293

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	37.5	27.5	41.3



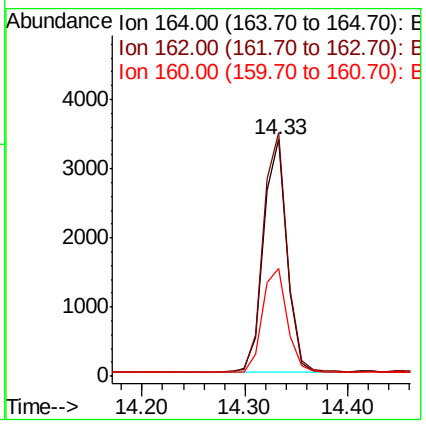


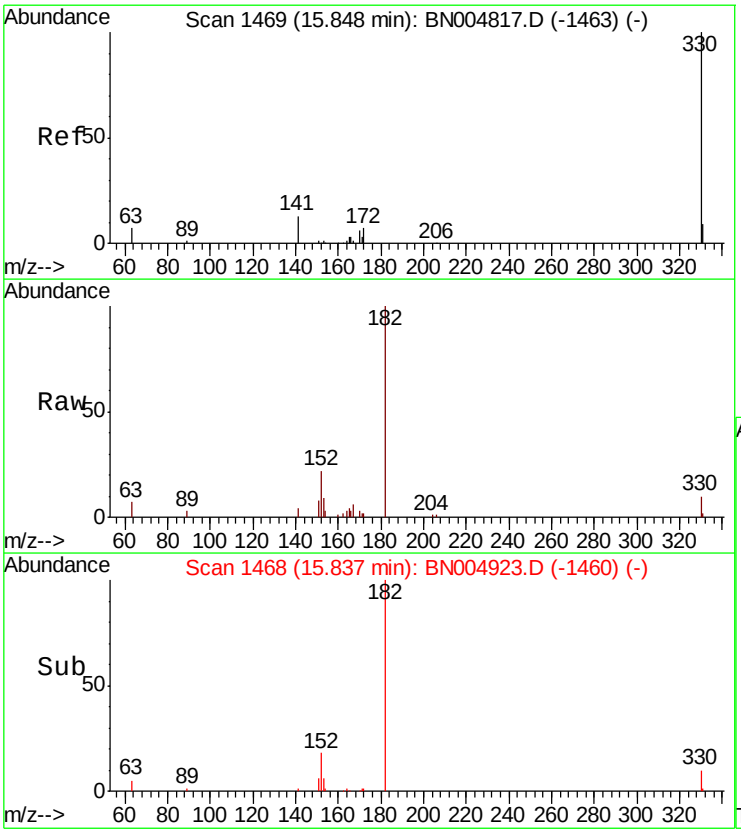
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:164 Resp: 5289

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.9	122.9
160	45.5	36.6	54.8

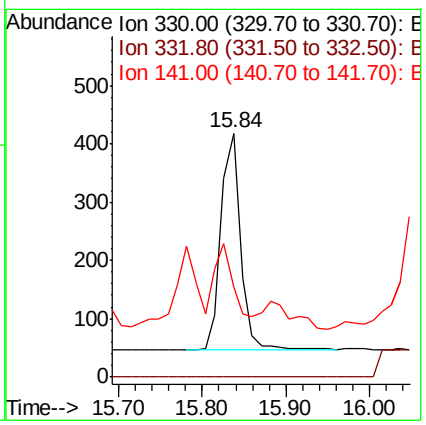


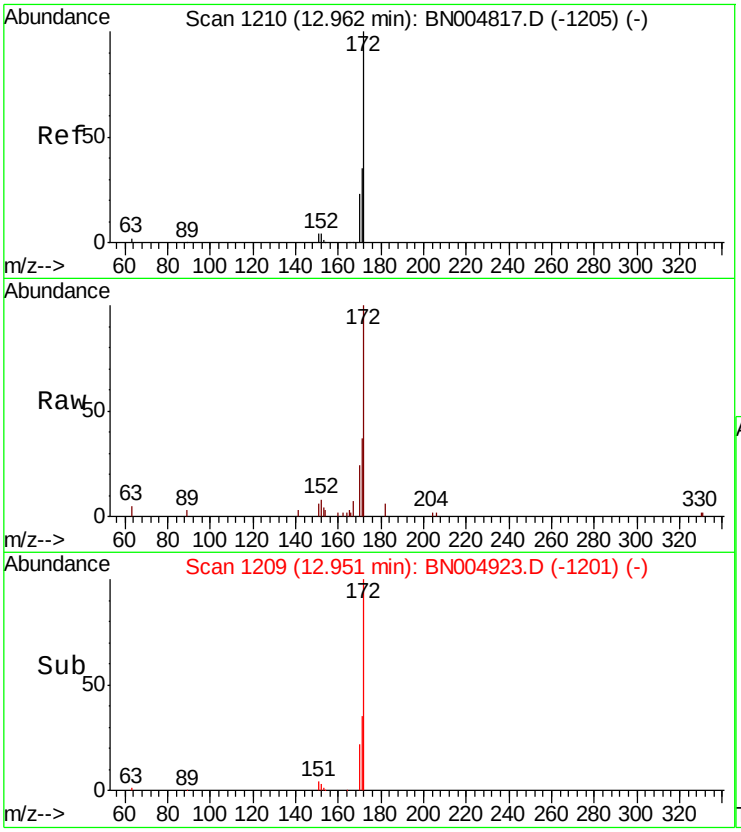


#14
2,4,6-Tribromophenol
Concen: 0.167 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:330 Resp: 609

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.9	20.9	31.3#



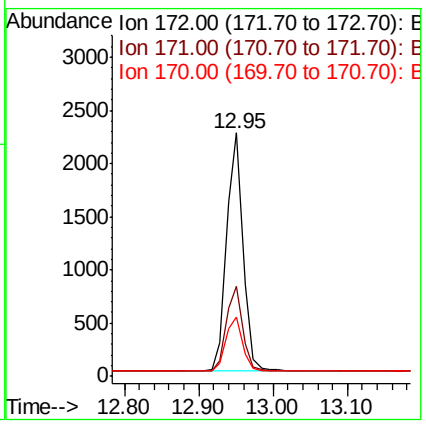


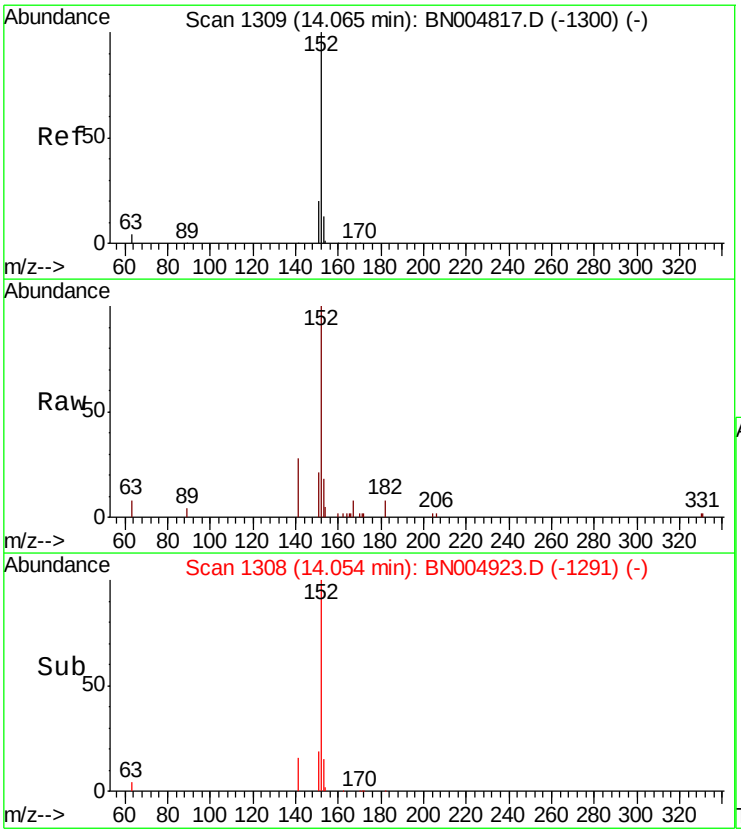
#15
2-Fluorobiphenyl
Concen: 0.157 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:172 Resp: 3438

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	24.1	18.7	28.1

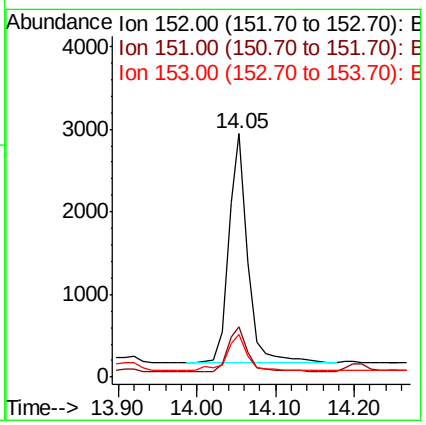


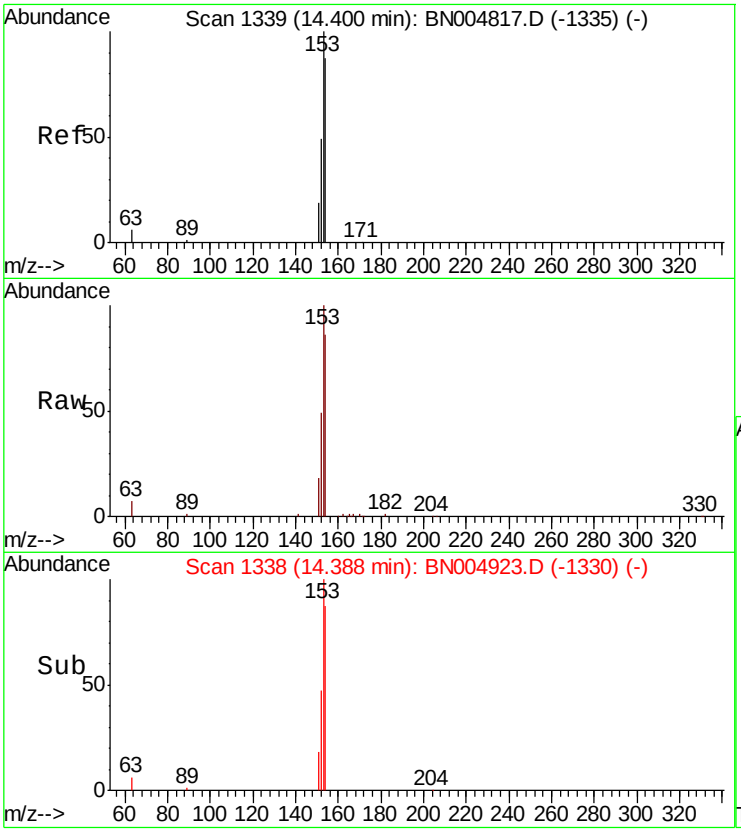


#16
Acenaphthylene
Concen: 0.173 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:152 Resp: 4720

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	16.6	10.5	15.7#



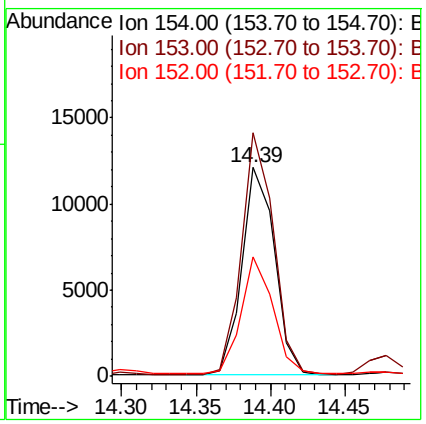


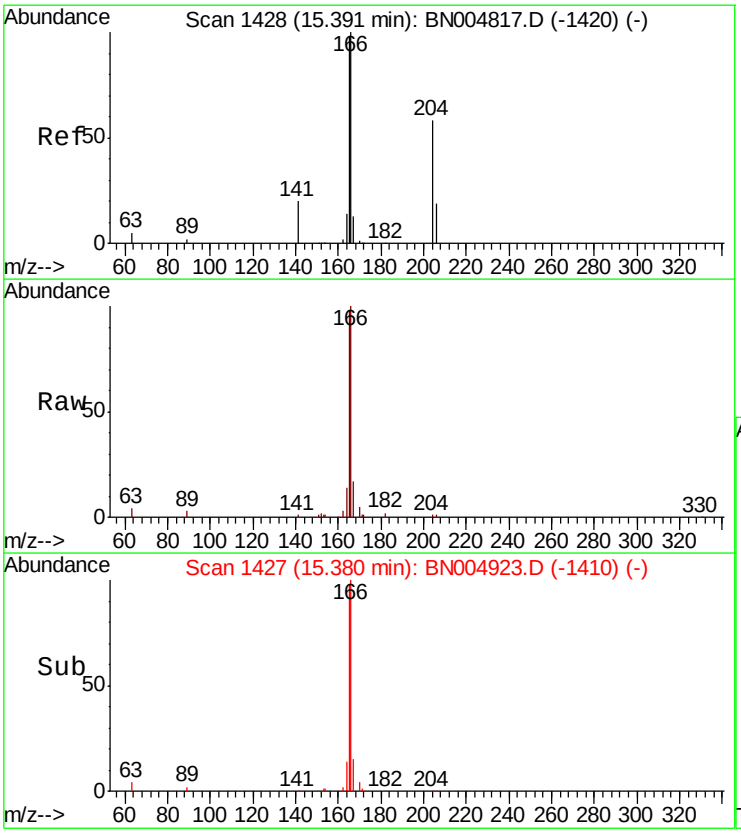
#17
Acenaphthene
Concen: 1.033 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:154 Resp: 18423

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.4	137.2
152	54.6	44.2	66.2

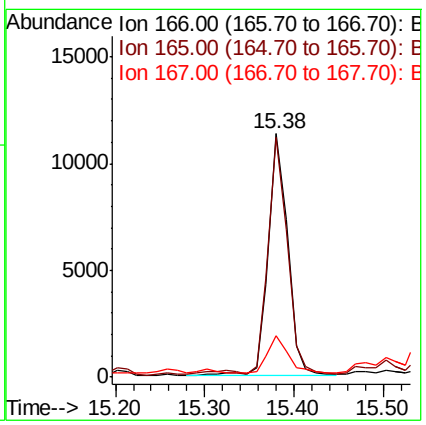


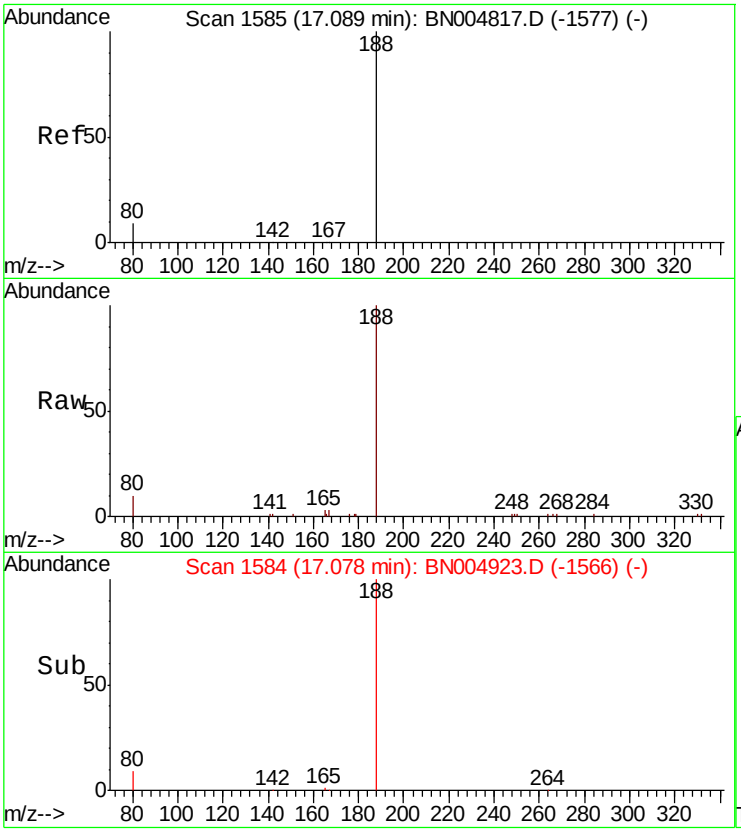


#18
Fluorene
Concen: 0.689 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:166 Resp: 17150

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.2	117.4
167	16.5	11.0	16.4#



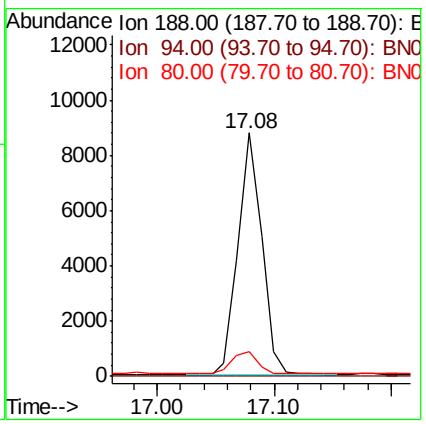


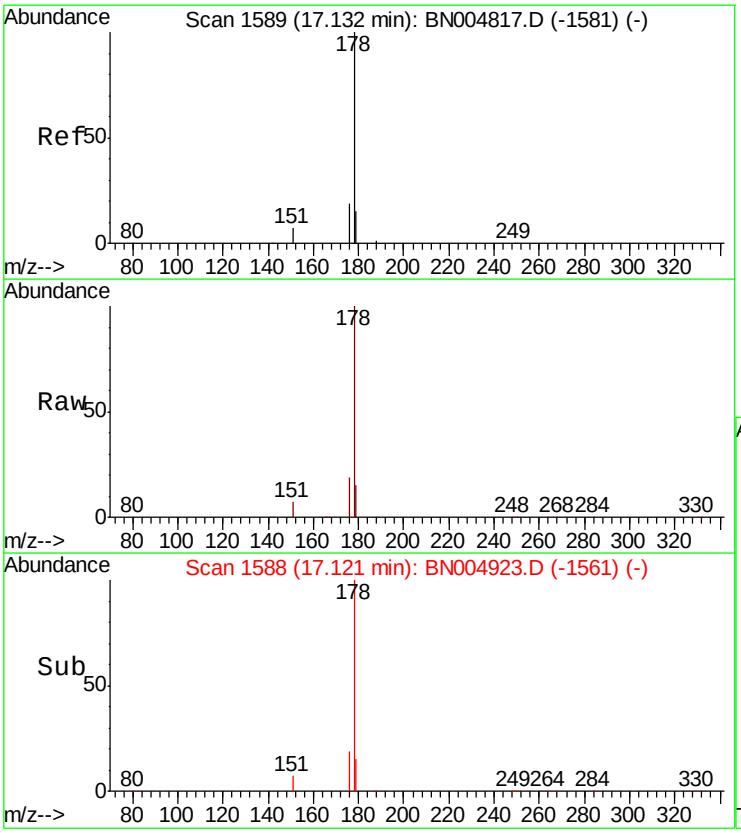
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:188 Resp: 12337

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.4	11.2

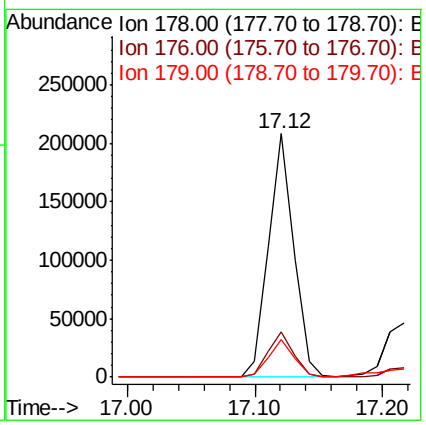


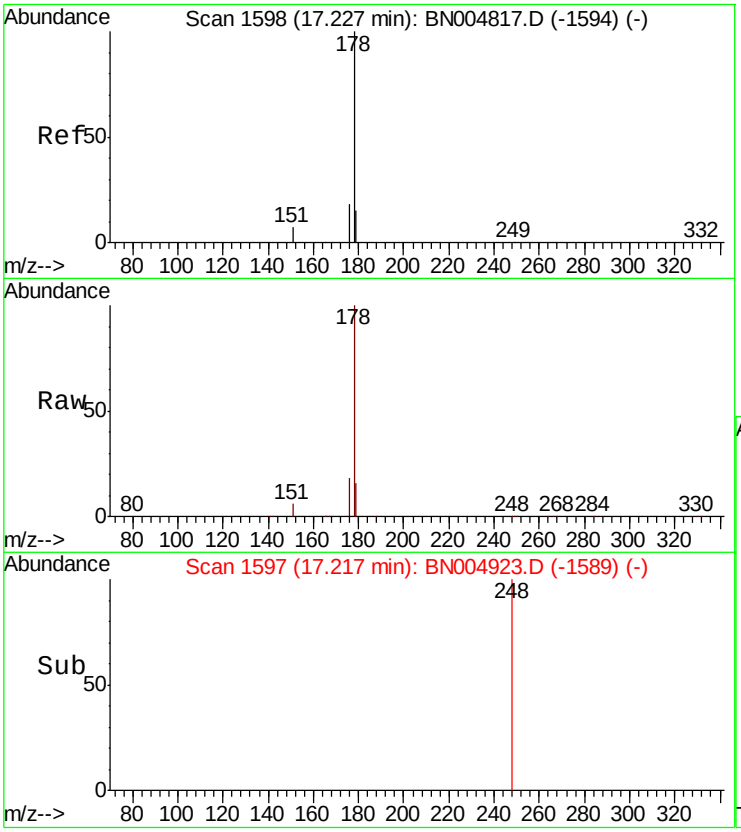


#23
Phenanthrene
Concen: 7.199 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:178 Resp: 286773

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



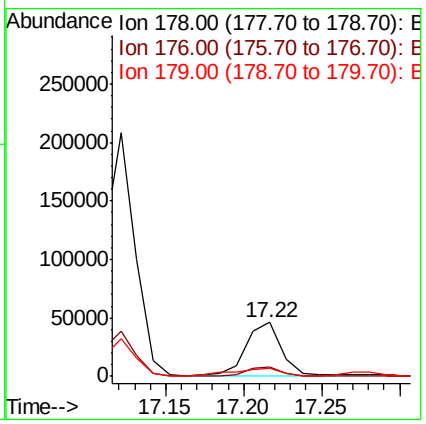


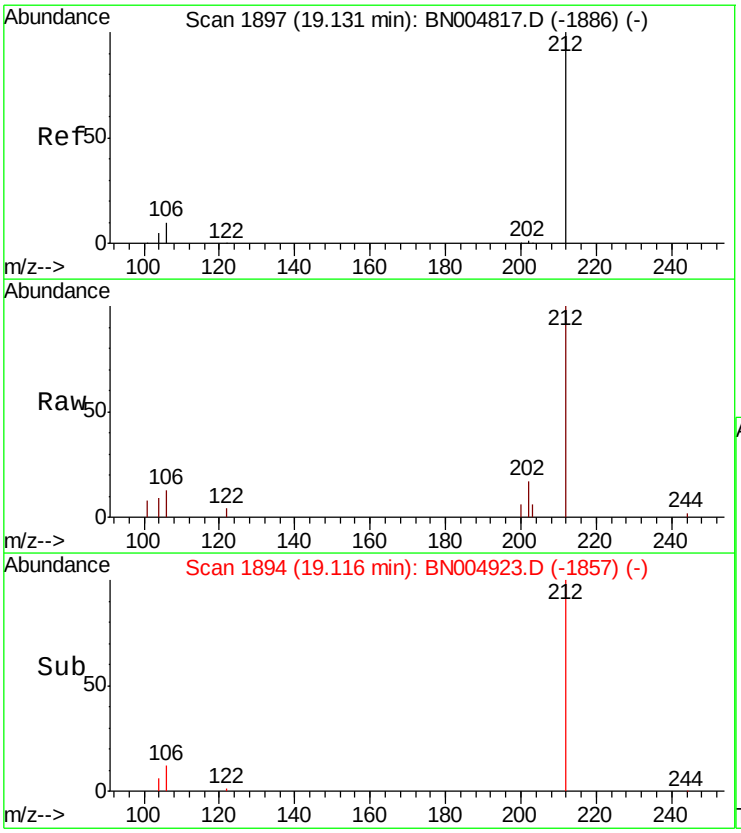
#24
Anthracene
Concen: 1.956 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:178 Resp: 69580

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.5	21.7
179	21.4	12.2	18.4#

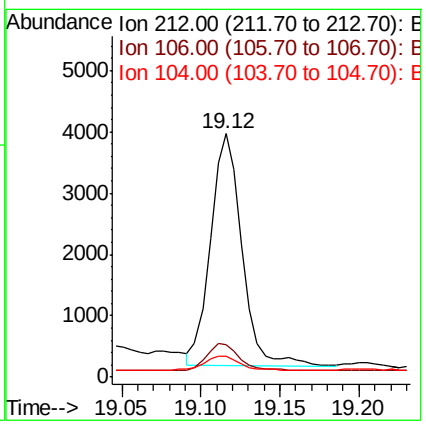


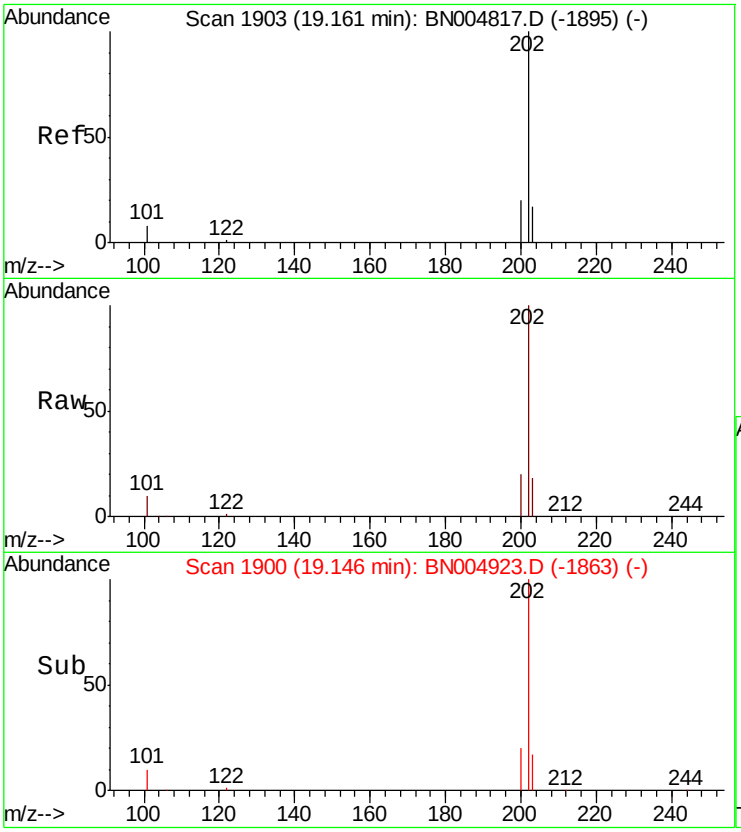


#25
Fluoranthene-d10
Concen: 0.128 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:212 Resp: 5289

Ion	Ratio	Lower	Upper
212	100		
106	12.2	8.6	13.0
104	6.9	4.7	7.1



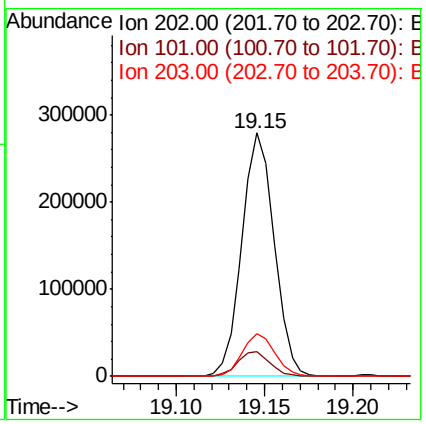


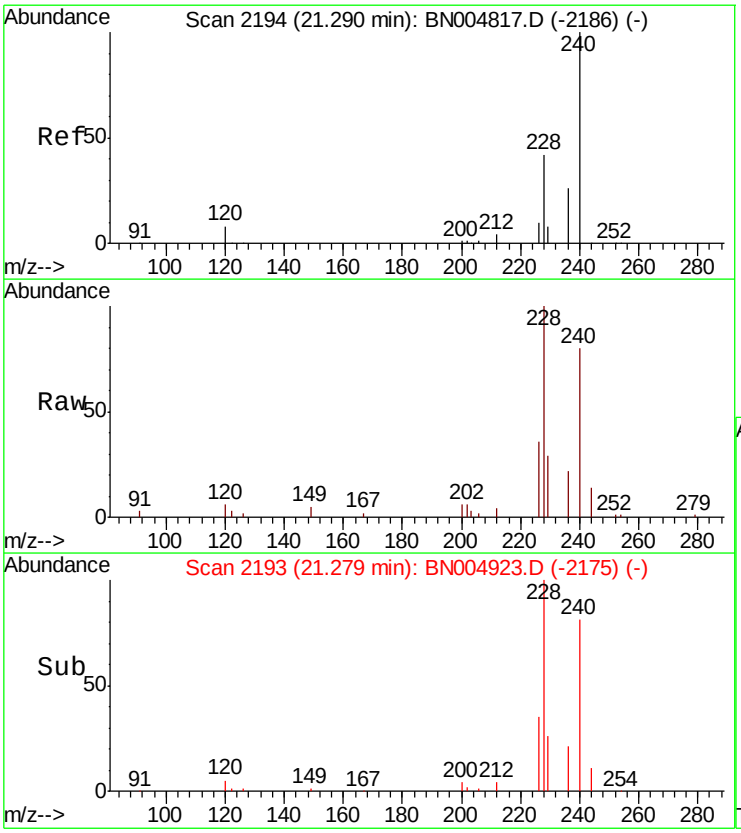
#26
Fluoranthene
Concen: 6.902 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:202 Resp: 353352

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.5	11.3
203	17.5	13.8	20.6

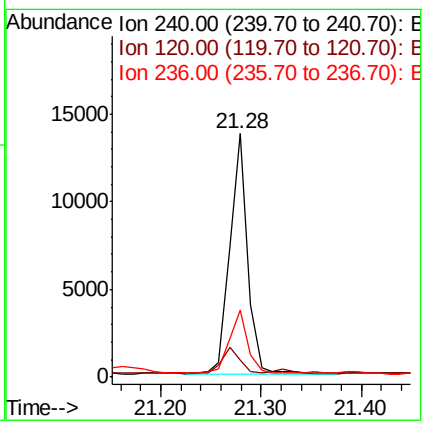


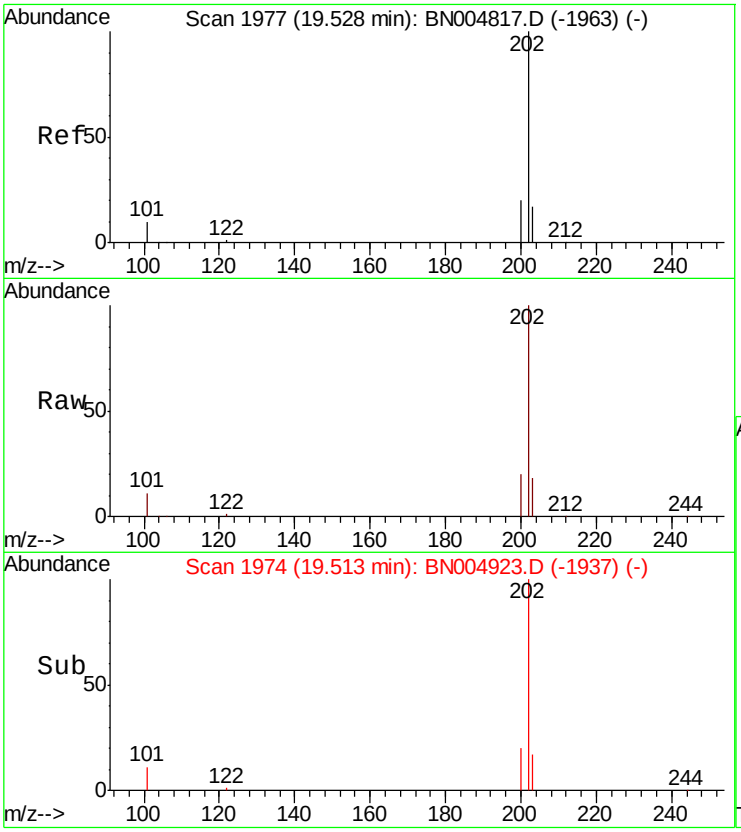


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:240 Resp: 16917

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.2	10.8
236	27.3	20.9	31.3



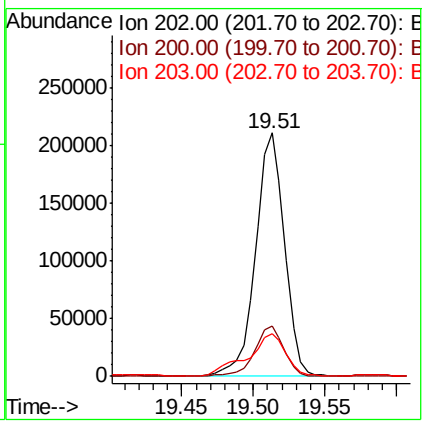


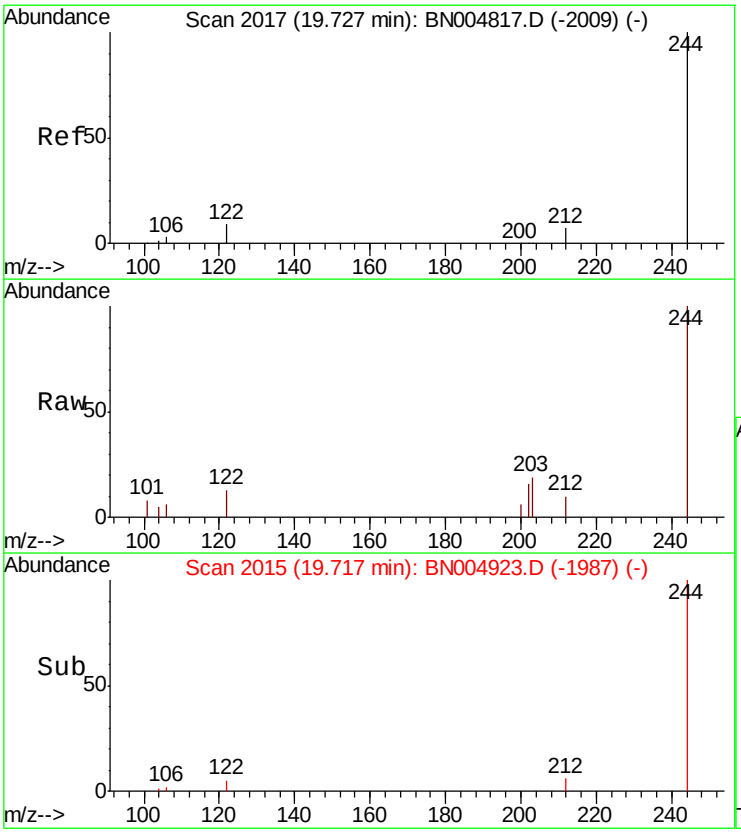
#28
Pyrene
Concen: 5.696 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:202 Resp: 293818

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	23.2	14.0	21.0#

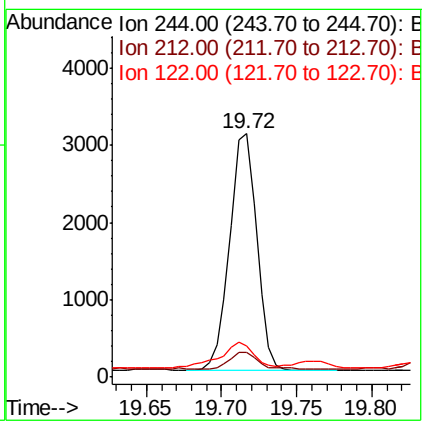


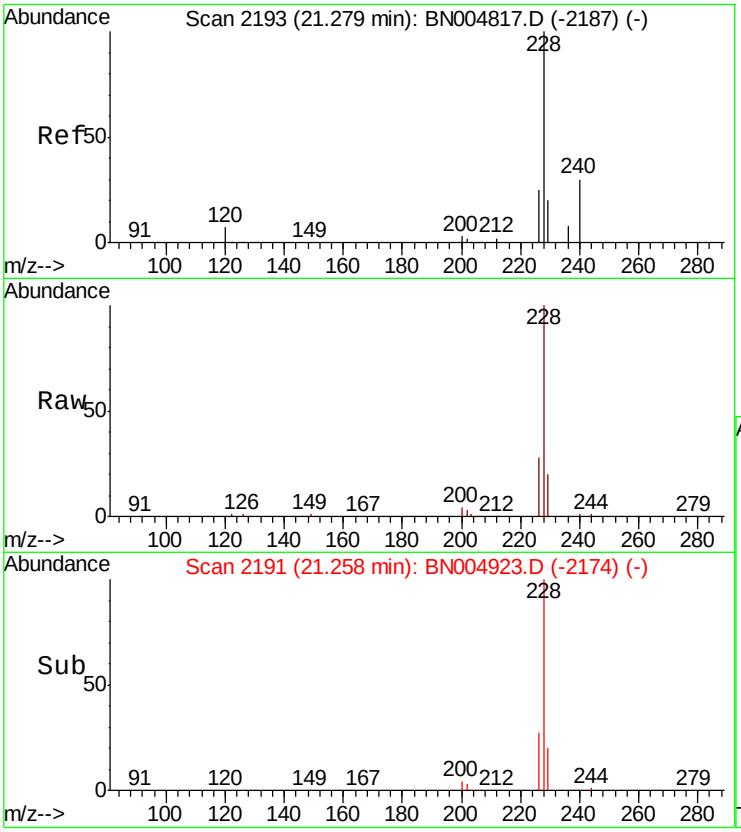


#29
Terphenyl-d14
Concen: 0.110 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:244 Resp: 3825

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.6#
122	12.8	7.9	11.9#



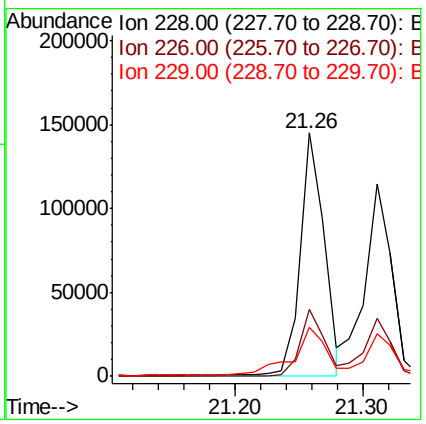


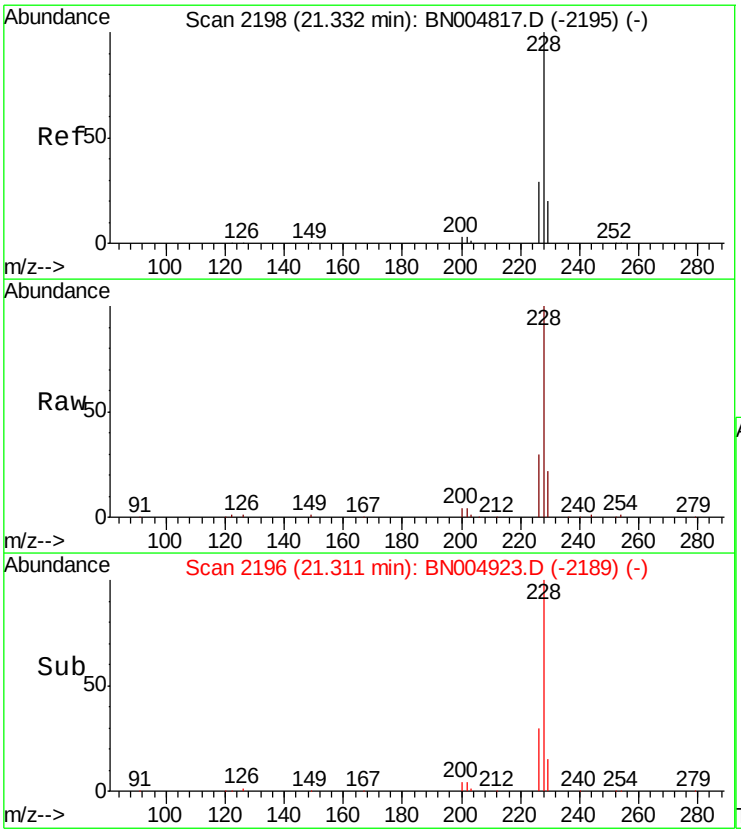
#30
Benzo(a)anthracene
Concen: 3.411 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:228 Resp: 189244

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.6	31.0
229	20.2	16.2	24.4

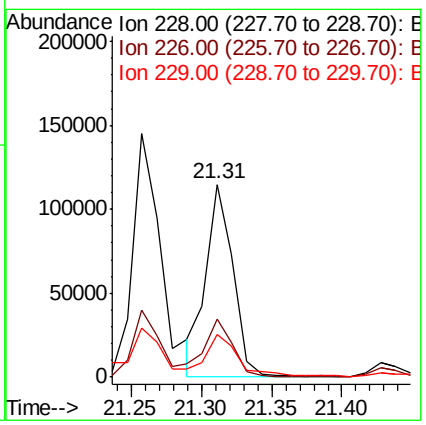


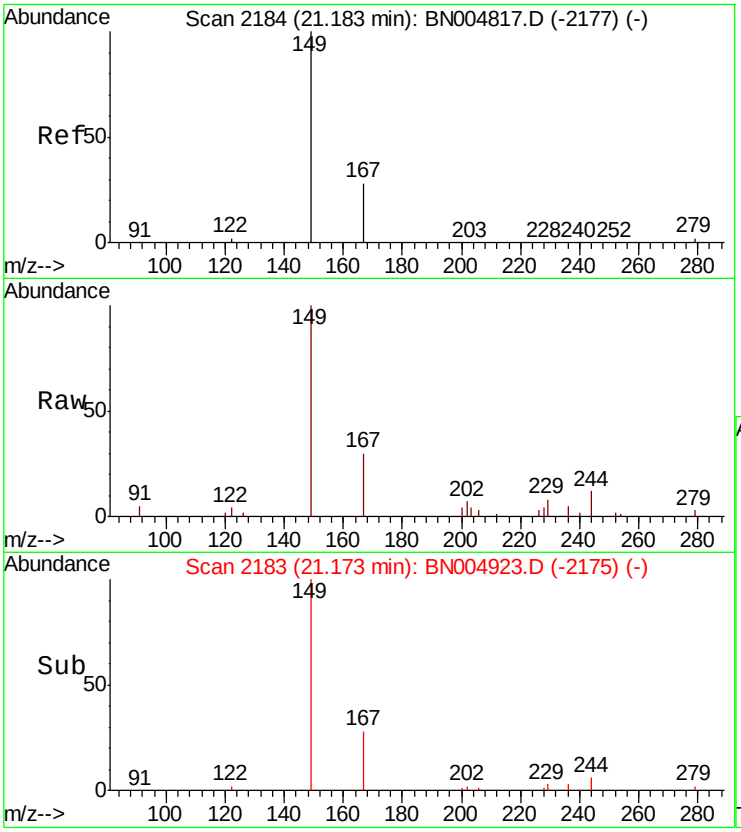


#31
Chrysene
Concen: 2.614 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:228 Resp: 152741

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	22.4	16.2	24.2



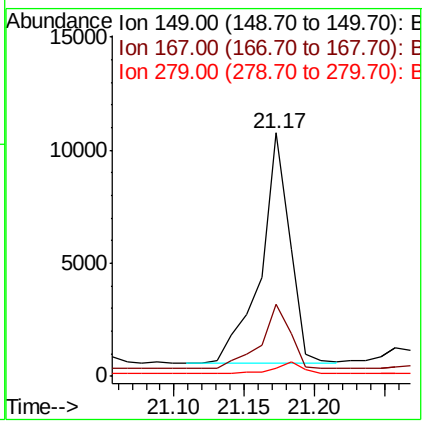


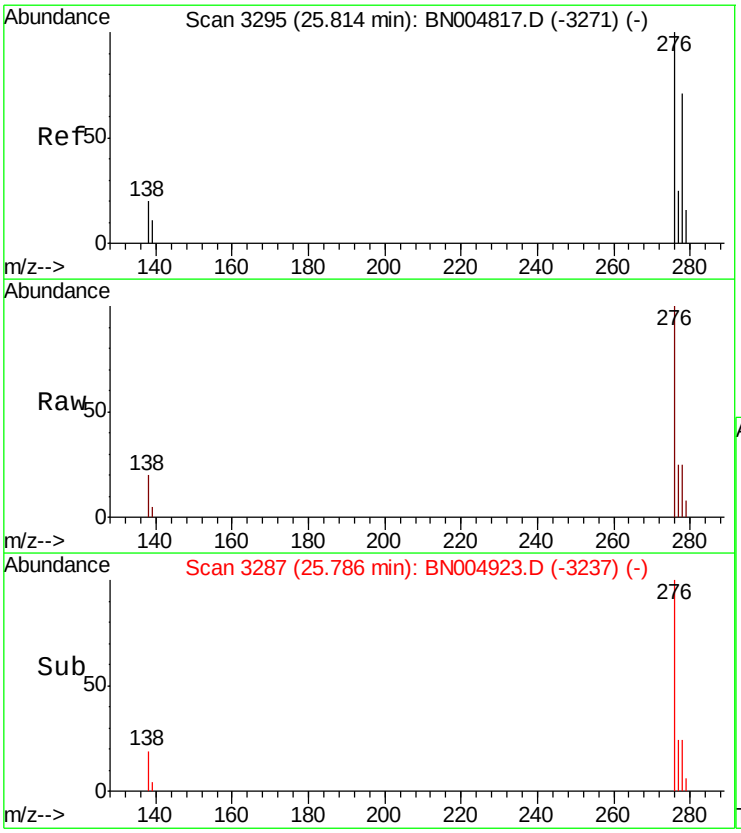
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.662 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:149 Resp: 14670

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	4.6	4.6	6.8

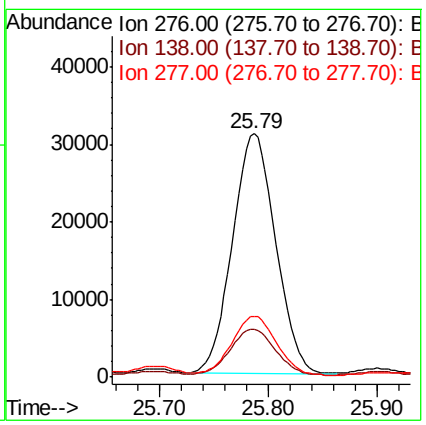


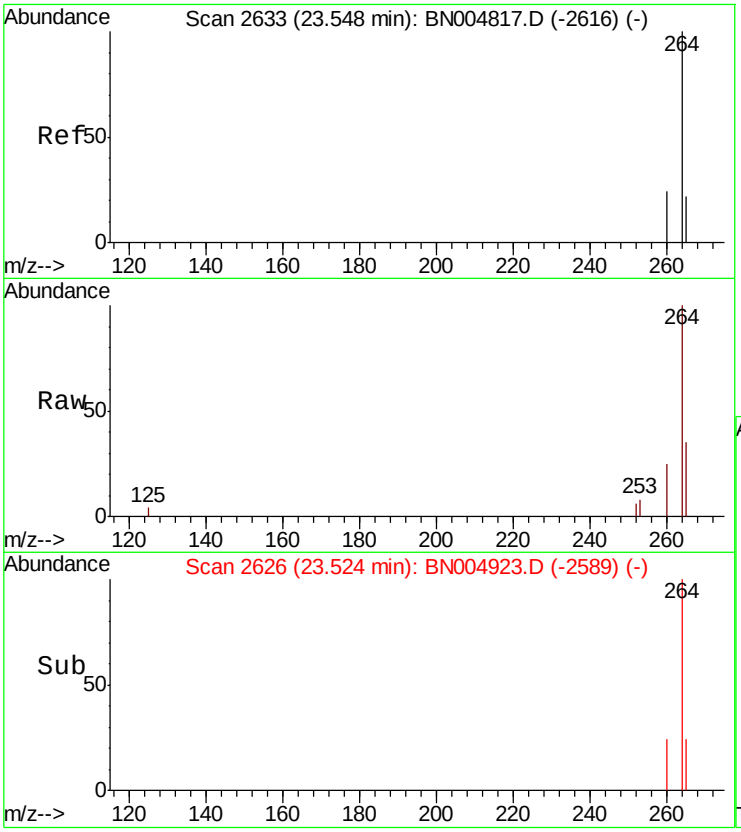


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.012 ng
RT: 25.79 min Scan# 3287
Delta R.T. -0.03 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:276 Resp: 85602

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	24.8
277	25.1	20.3	30.5



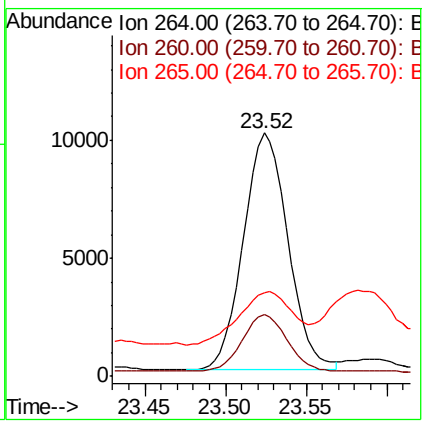


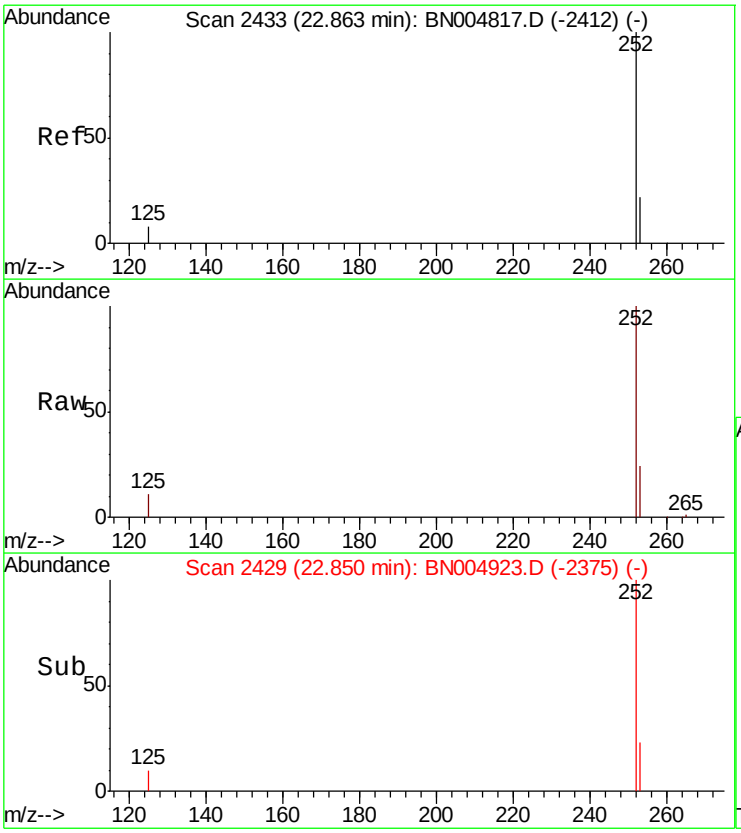
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:264 Resp: 19300

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	34.5	23.1	34.7

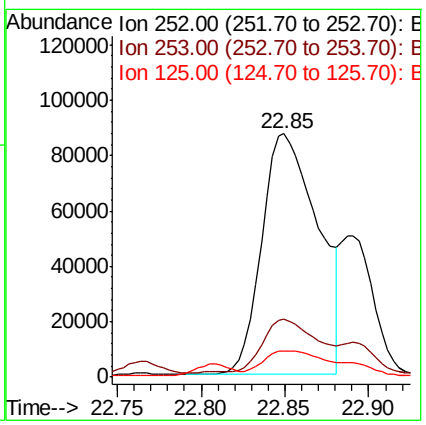


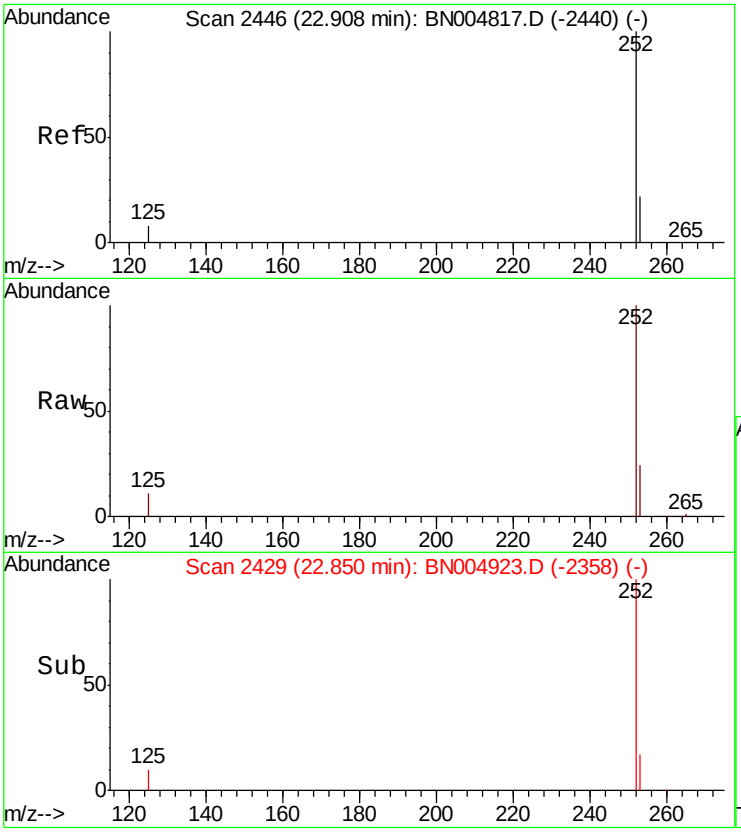


#35
Benzo(b)fluoranthene
Concen: 2.924 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:252 Resp: 204126

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	10.7	7.4	11.2



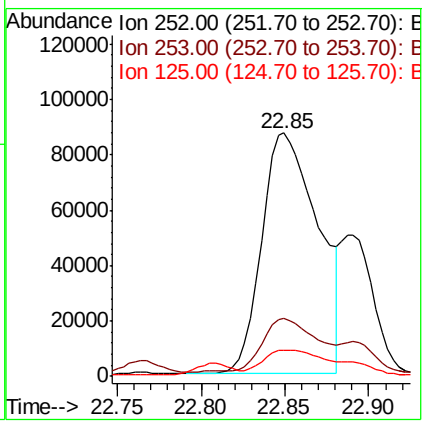


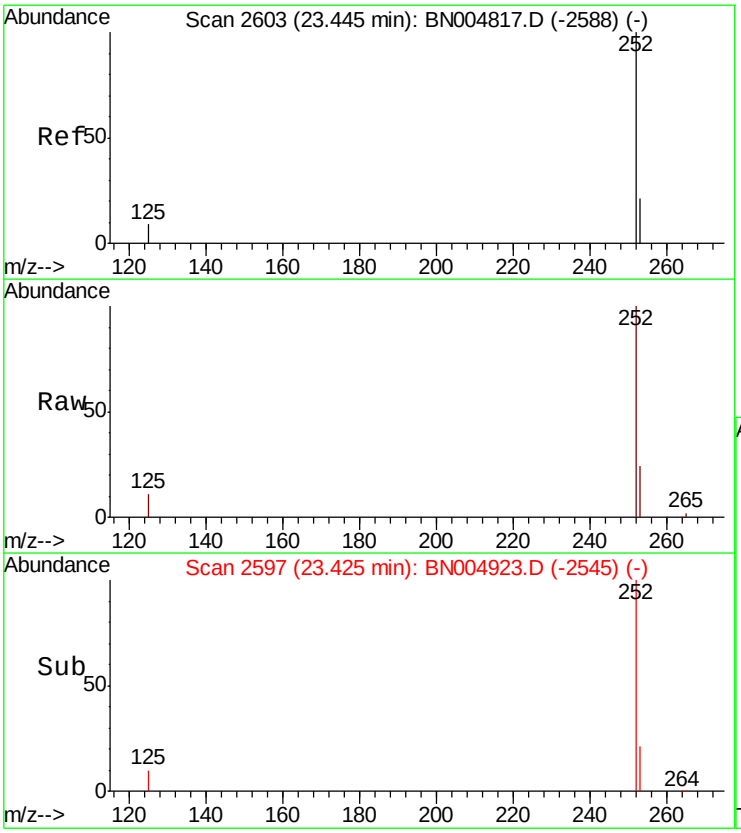
#36
Benzo(k)fluoranthene
Concen: 2.972 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.06 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:252 Resp: 204126

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	10.7	7.4	11.0

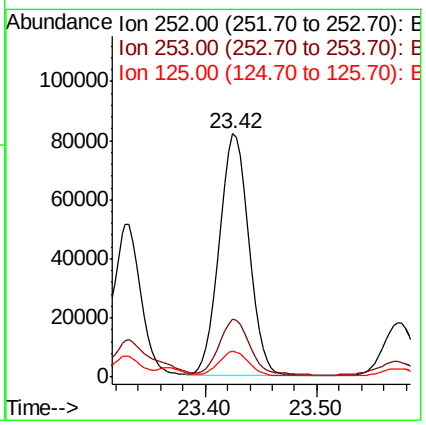


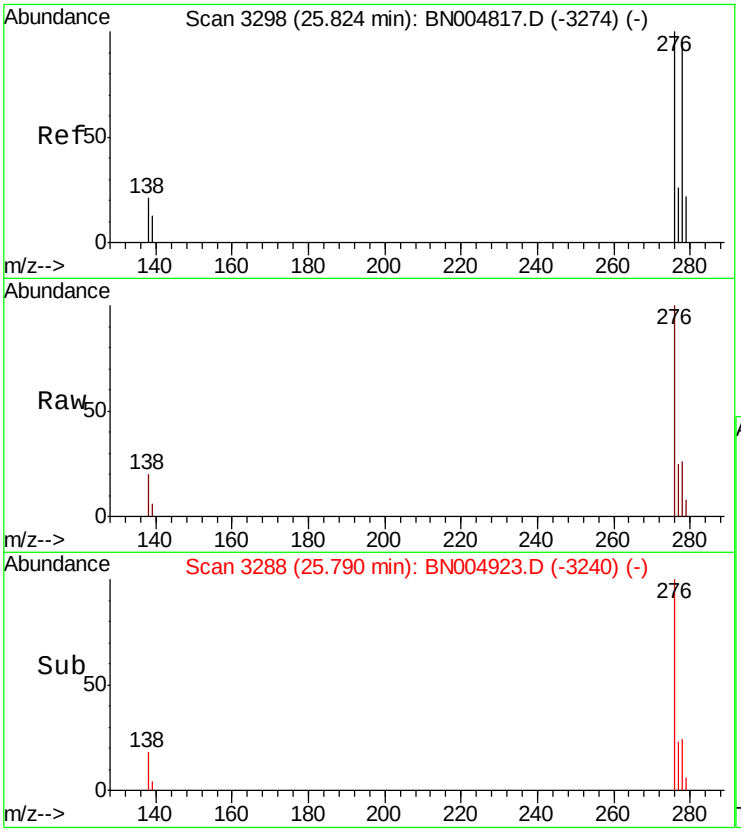


#37
Benzo(a)pyrene
Concen: 2.352 ng
RT: 23.42 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:252 Resp: 150635

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	10.7	8.3	12.5



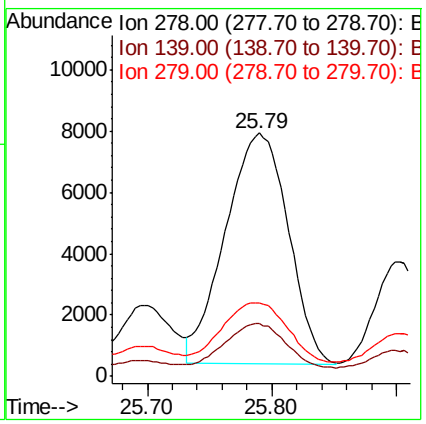


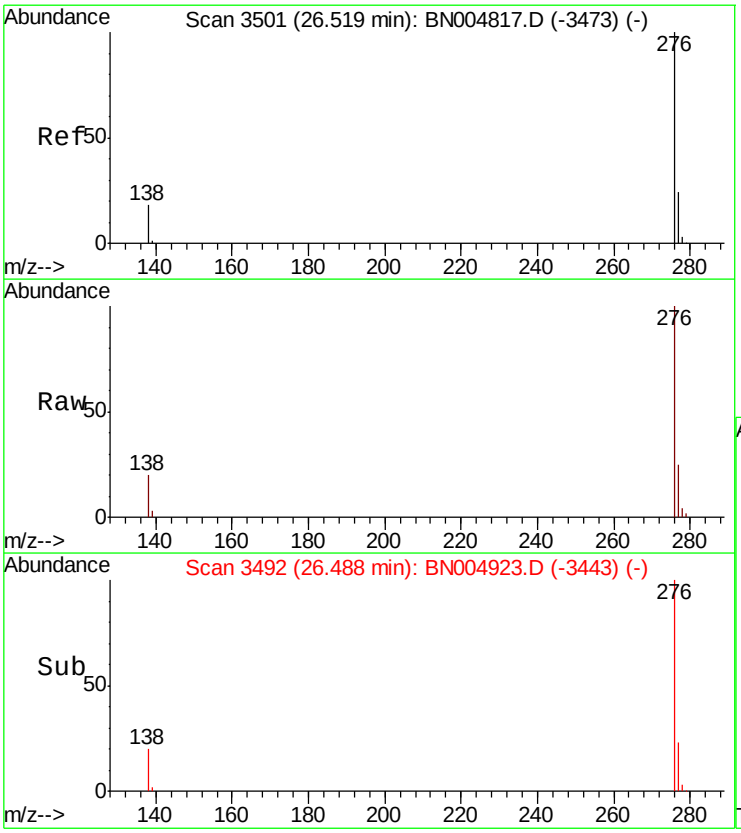
#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.03 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:278 Resp: 26391

Ion	Ratio	Lower	Upper
278	100		
139	21.5	11.7	17.5#
279	30.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.976 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004923.D
Acq: 23 Mar 2019 16:44

Tgt Ion:276 Resp: 73731

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	20.5	14.6	22.0