Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032219\
Data File : BN004915.D
Acq On : 23 Mar 2019 09:08
Operator : JU/SJ
Sample : K1817-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-028-B099-030619

Quant Time: Mar 24 00:36:20 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	4542	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	19627	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	10857	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	25056	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	22081	0.40	ng		-0.01
34) Perylene-d12	23.53	264	20072	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3492	0.28	ng		0.00
5) Phenol-d6	6.86	99	4557	0.30	ng		-0.02
8) Nitrobenzene-d5	8.86	82	3557	0.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	6539	0.19	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	1658	0.22	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	9084	0.20	ng		-0.01
25) Fluoranthene-d10	19.12	212	11711	0.14	ng		-0.01
29) Terphenyl-d14	19.72	244	8111	0.18	ng		-0.01
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.11	93	8022	0.578	ng	#	28
9) Naphthalene	10.53	128	3582	0.065	ng		95
12) 2-Methylnaphthalene	12.14	142	1431	0.035	ng	#	94
16) Acenaphthylene	14.05	152	4669	0.083	ng		97
17) Acenaphthene	14.39	154	1805	0.049	ng		96
18) Fluorene	15.38	166	2484	0.049	ng	#	91
23) Phenanthrene	17.12	178	67758	0.838	ng		99
24) Anthracene	17.22	178	9250	0.128	ng	#	92
26) Fluoranthene	19.15	202	133024	1.279	ng		99
28) Pyrene	19.51	202	114859	1.706	ng	#	95
30) Benzo(a)anthracene	21.27	228	51856	0.716	ng		96
31) Chrysene	21.32	228	55708	0.730	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	14576	0.504	ng		100
33) Indeno(1,2,3-cd)pyrene	25.80	276	30204	0.274	ng		98
35) Benzo(b)fluoranthene	22.86	252	64899	0.894	ng	#	94
36) Benzo(k)fluoranthene	22.86	252	64899	0.909	ng	#	94
37) Benzo(a)pyrene	23.43	252	42567	0.639	ng	#	97
38) Dibenzo(a,h)anthracene	25.80	278	8247	0.107	ng	#	66
39) Benzo(g,h,i)perylene	26.49	276	32772	0.417	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032219\
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Misc :
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Instrument :
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PST-028-B099-030619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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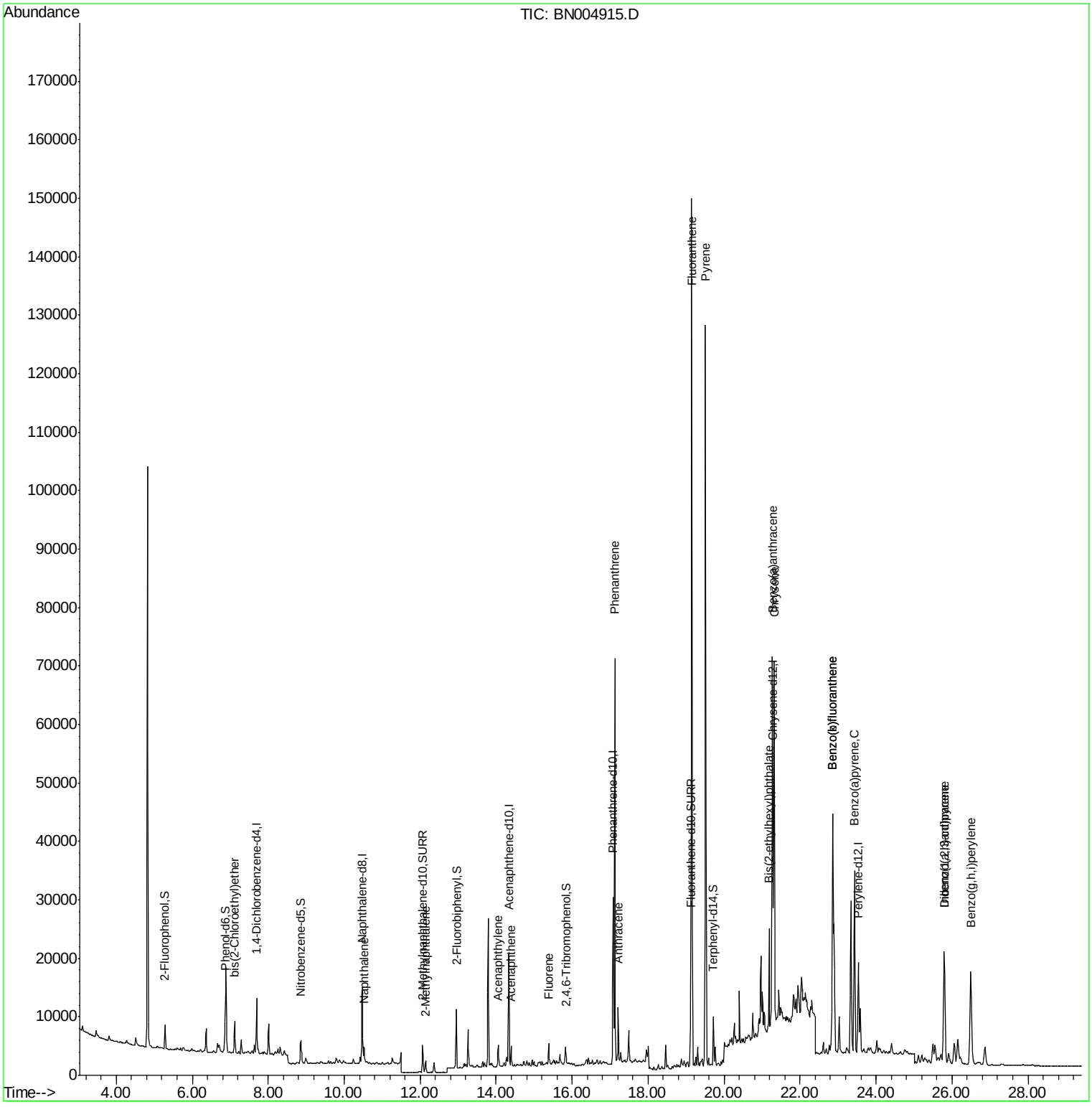
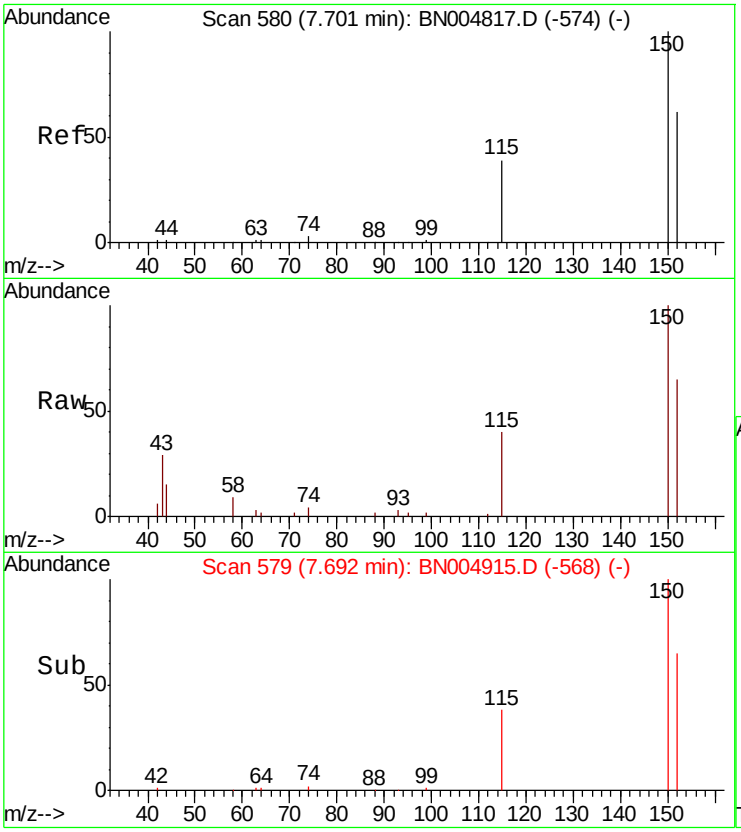


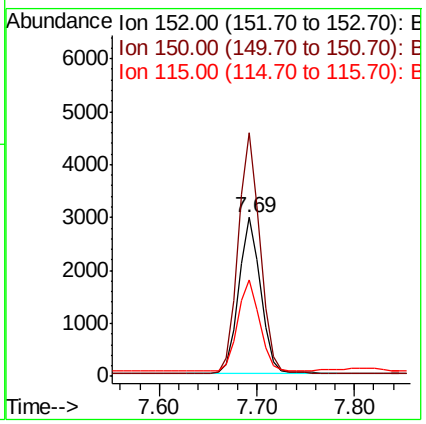


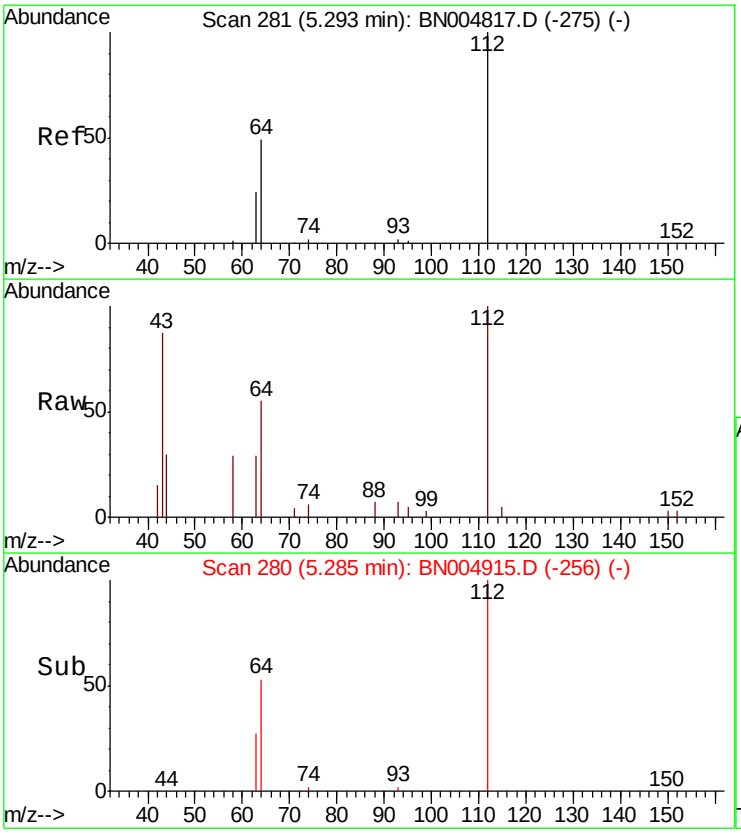
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:152 Resp: 4542

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.4
115	61.1	52.6	79.0

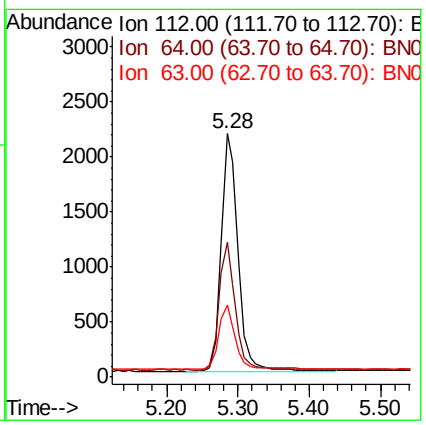


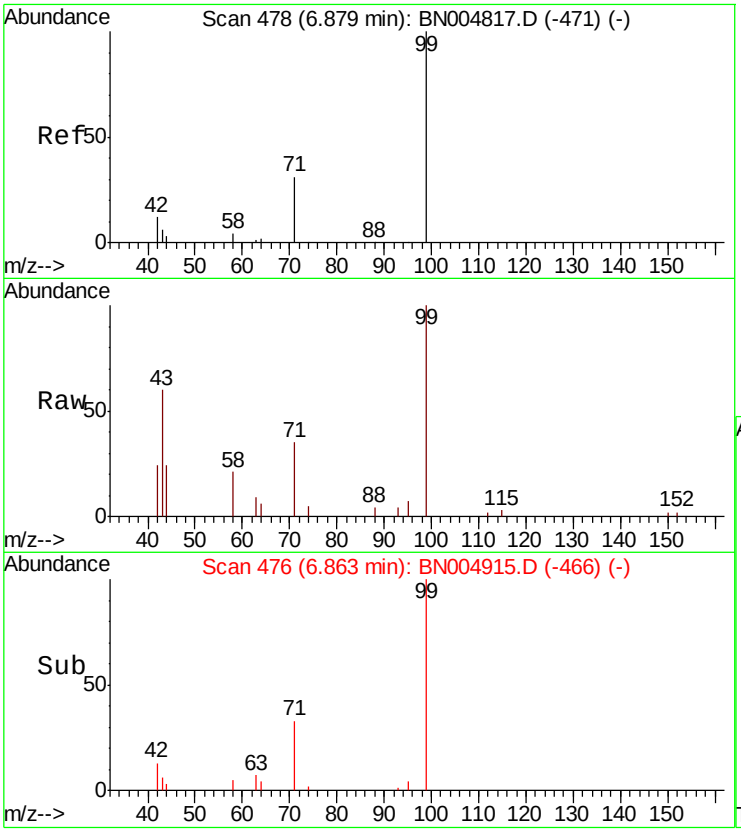


#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:112 Resp: 3492

Ion	Ratio	Lower	Upper
112	100		
64	52.3	40.0	60.0
63	26.9	20.2	30.2



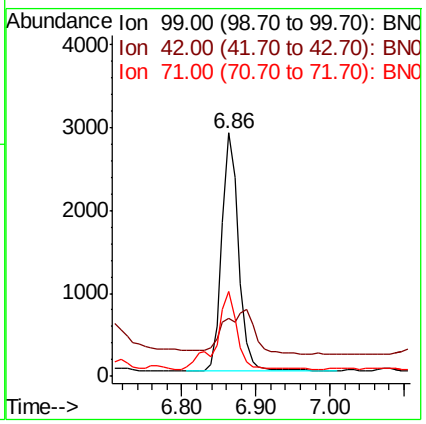


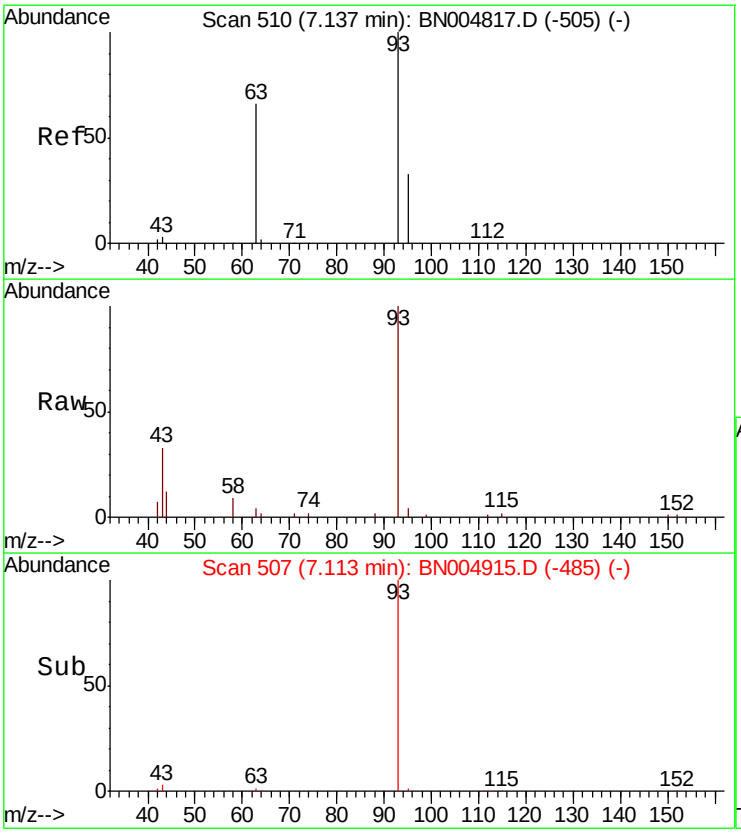
#5
Phenol-d6
Concen: 0.296 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion: 99 Resp: 4557

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.7	19.1#
71	39.5	26.6	40.0

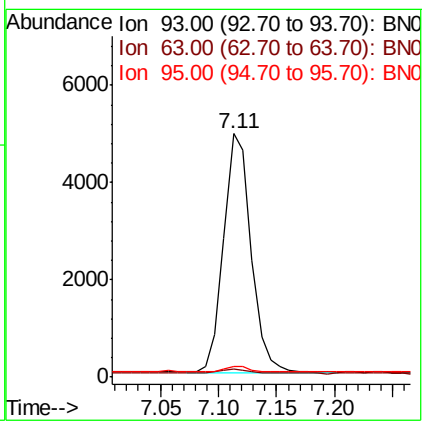


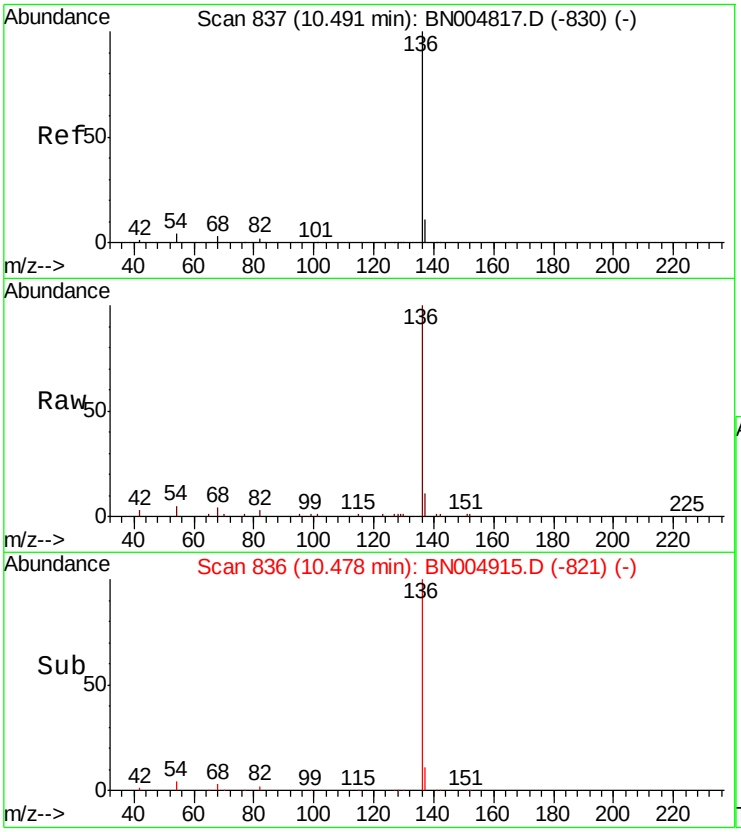


#6
bis(2-Chloroethyl)ether
Concen: 0.578 ng
RT: 7.11 min Scan# 507
Delta R.T. -0.02 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion: 93 Resp: 8022

Ion	Ratio	Lower	Upper
93	100		
63	2.0	52.6	78.8#
95	2.2	25.9	38.9#



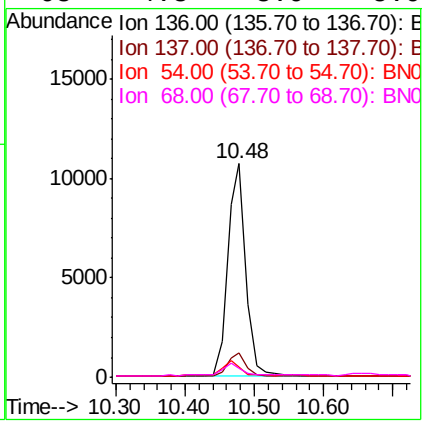


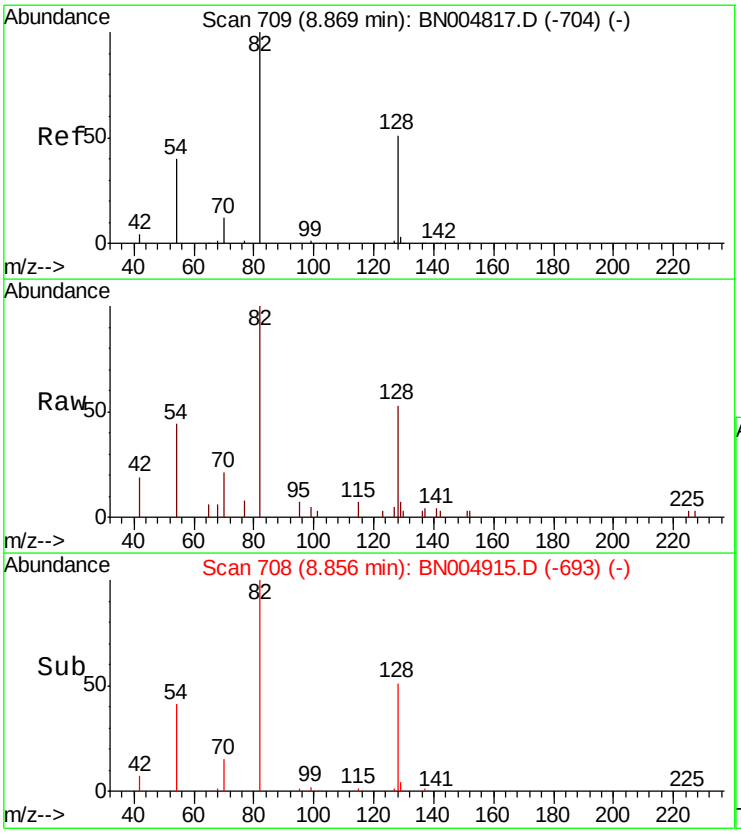
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:136 Resp: 19627

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	4.8	4.2	6.2
68	4.3	3.9	5.9

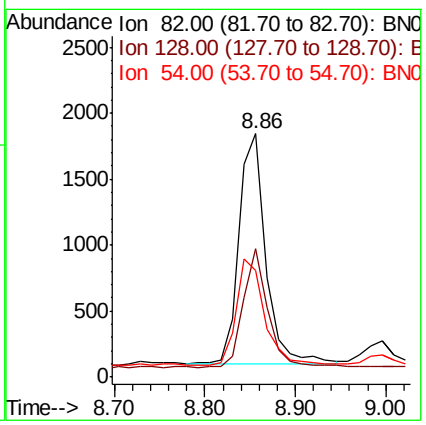


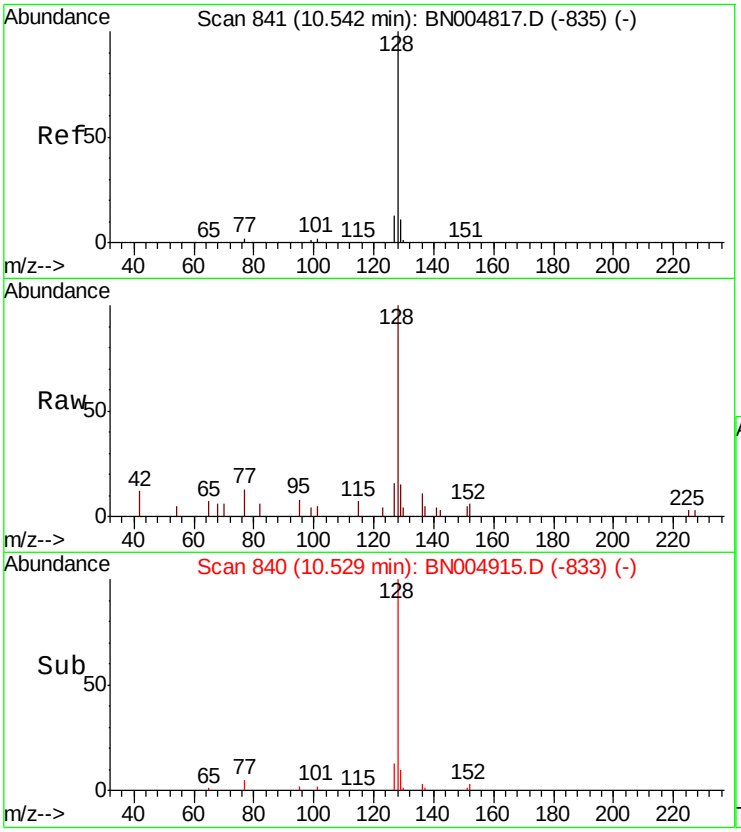


#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion: 82 Resp: 3557

Ion	Ratio	Lower	Upper
82	100		
128	52.6	43.0	64.6
54	43.7	35.3	52.9



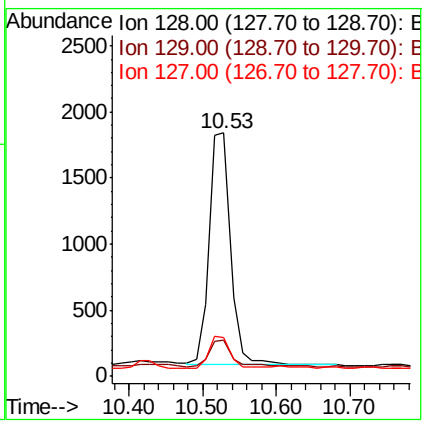


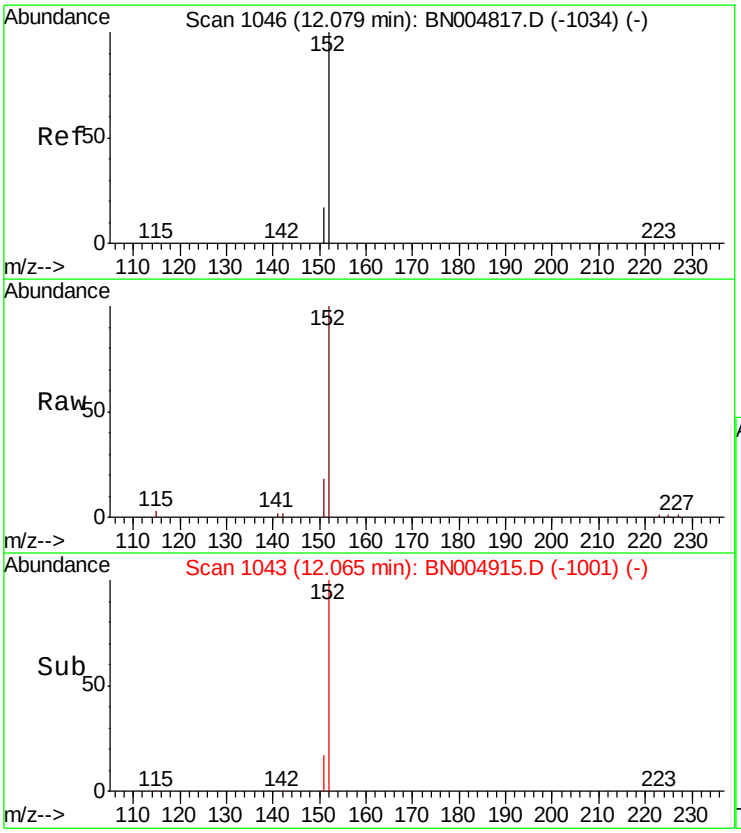
#9
Naphthalene
Concen: 0.065 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:128 Resp: 3582

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.9	14.9
127	16.0	11.3	16.9

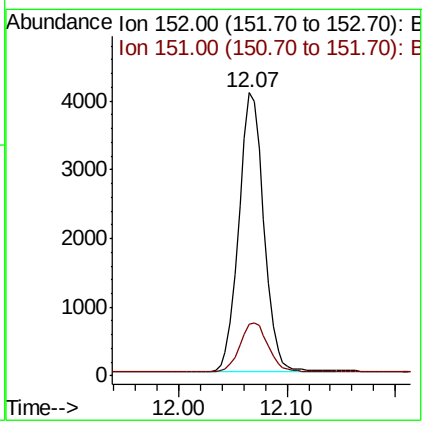


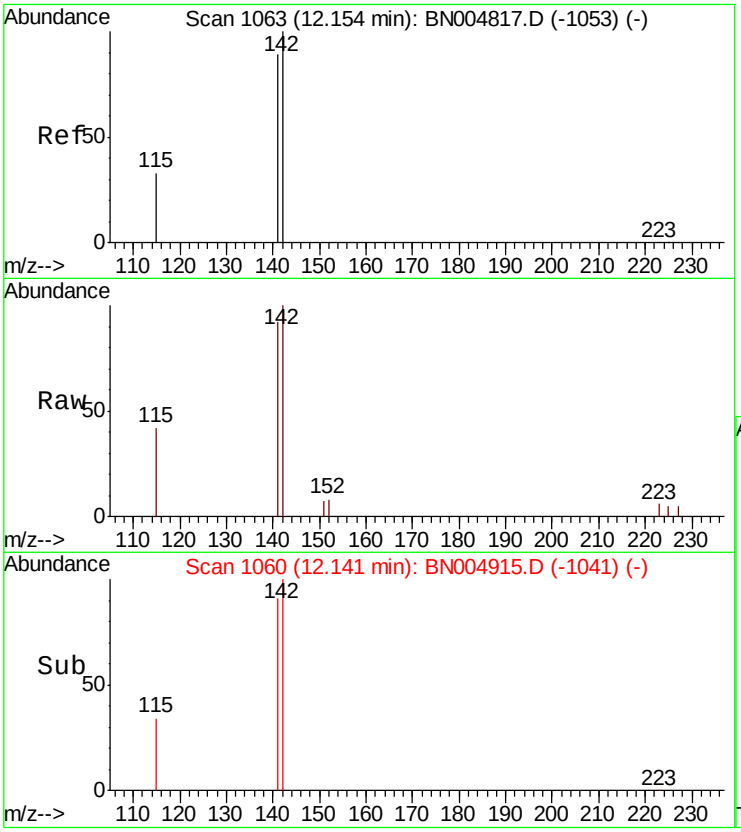


#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:152 Resp: 6539

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3



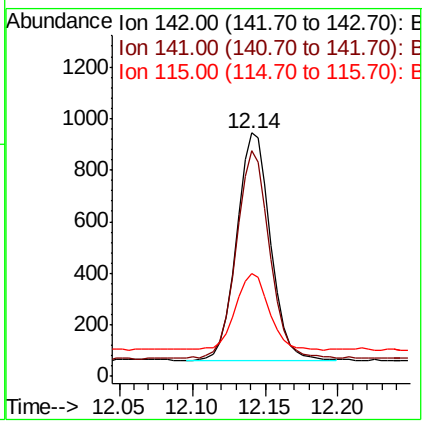


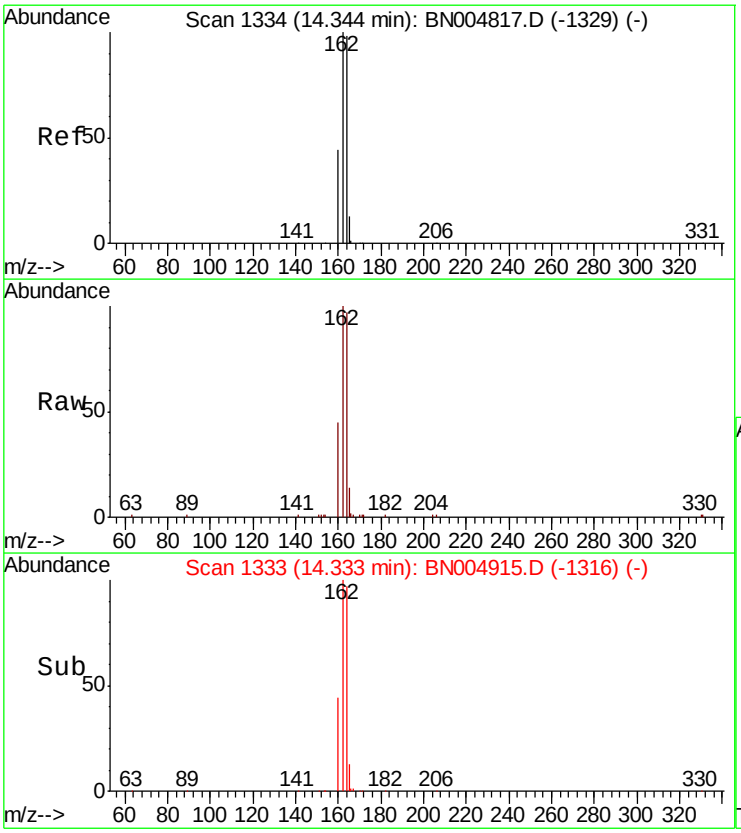
#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:142 Resp: 1431

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.4	107.2
115	42.4	27.5	41.3#

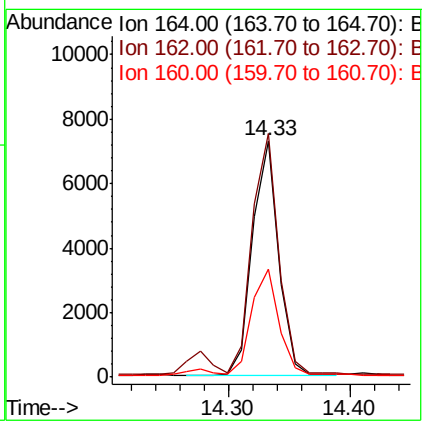


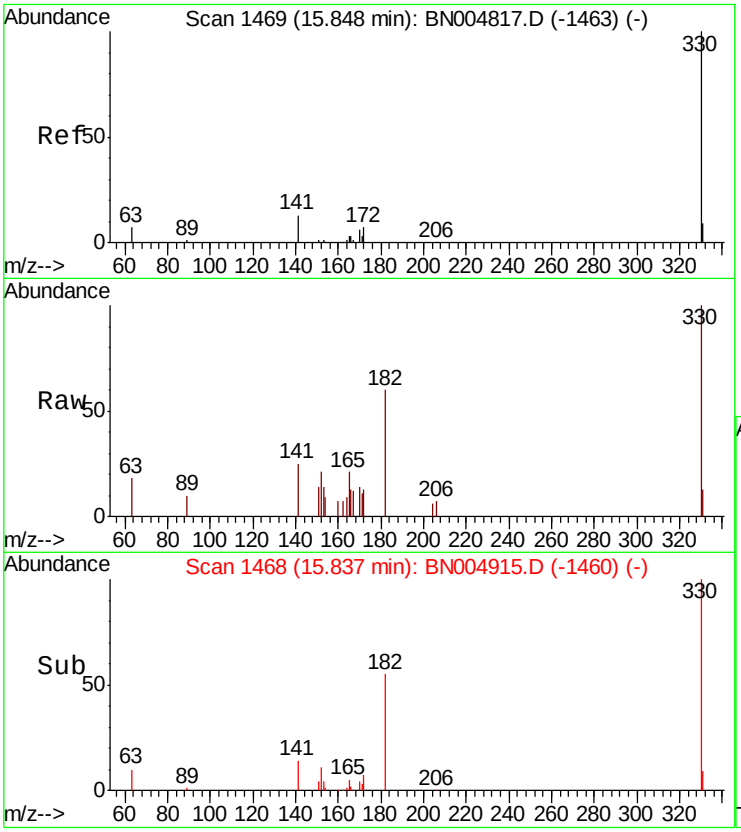


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:164 Resp: 10857

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	46.0	36.6	54.8



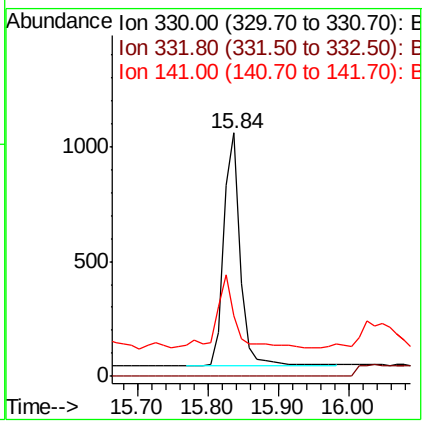


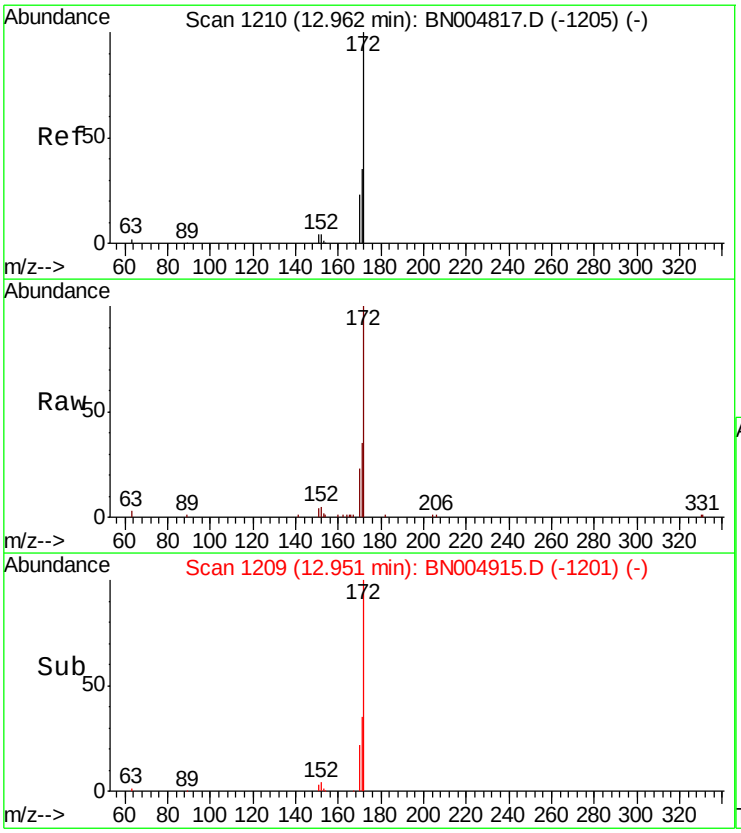
#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:330 Resp: 1658

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.7	20.9	31.3#

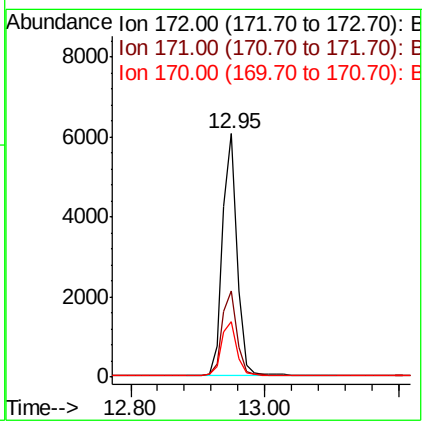


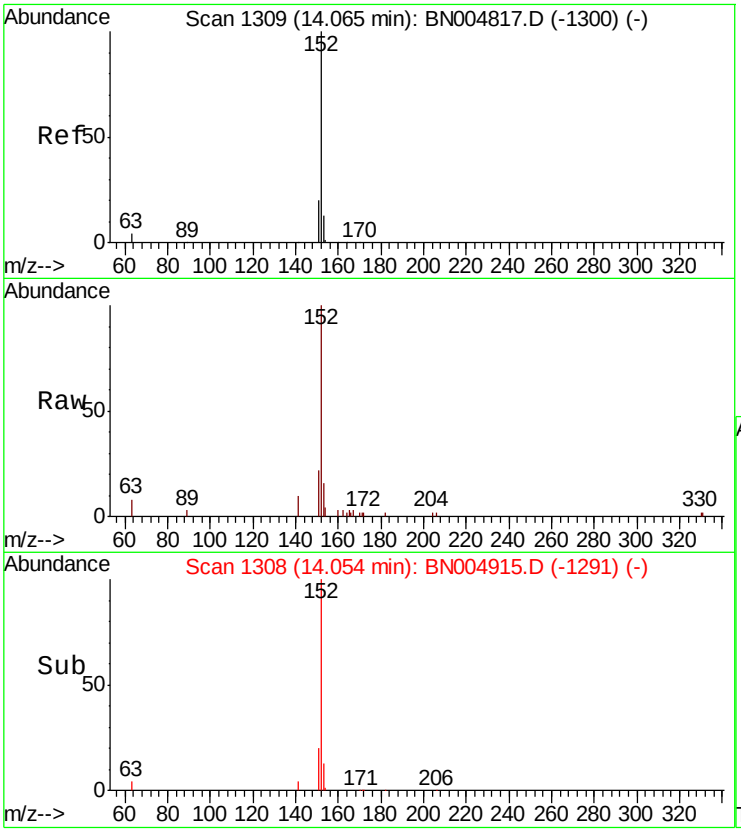


#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:172 Resp: 9084

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	22.9	18.7	28.1



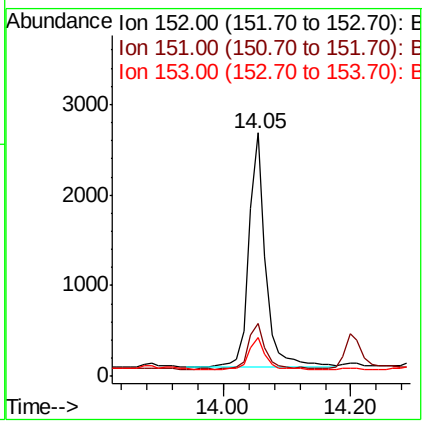


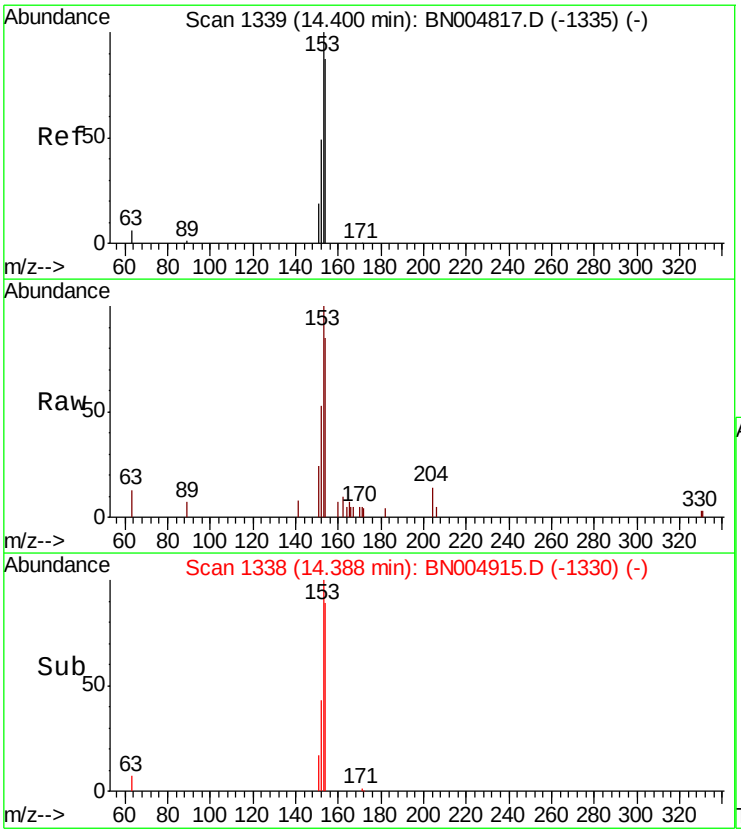
#16
Acenaphthylene
Concen: 0.083 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:152 Resp: 4669

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.1	24.1
153	13.9	10.5	15.7

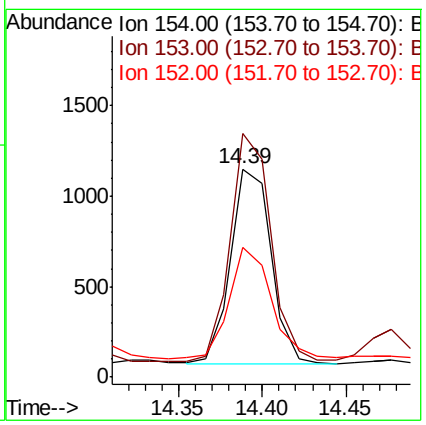


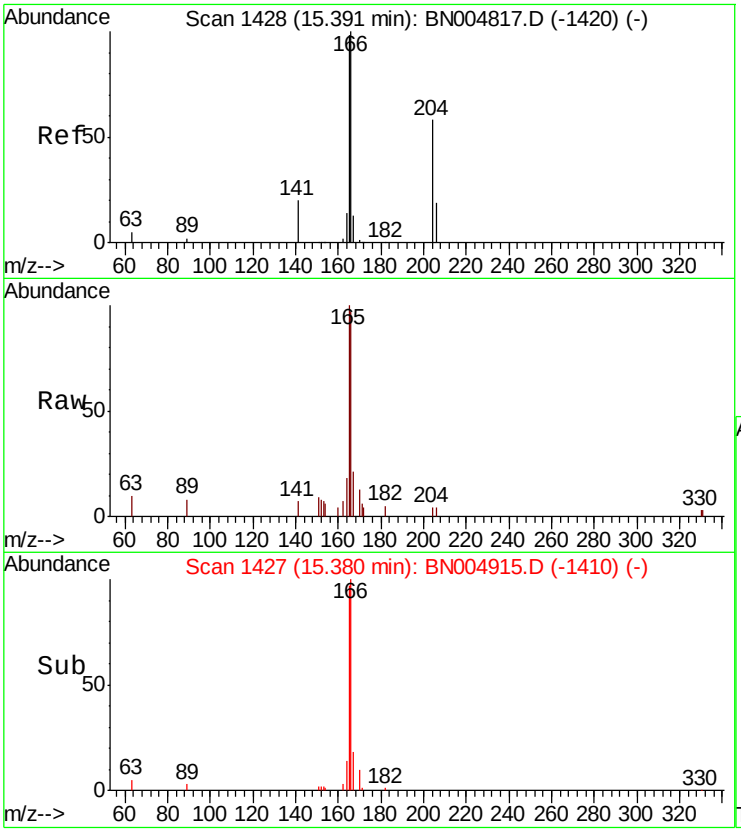


#17
Acenaphthene
Concen: 0.049 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:154 Resp: 1805

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.4	137.2
152	59.4	44.2	66.2



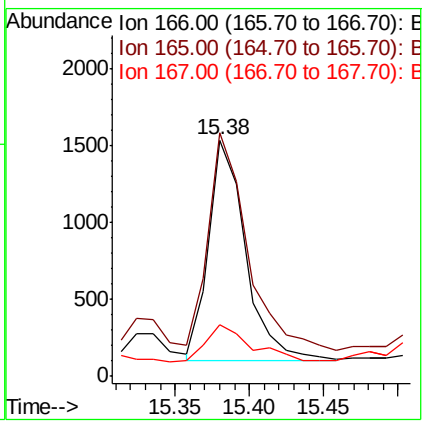


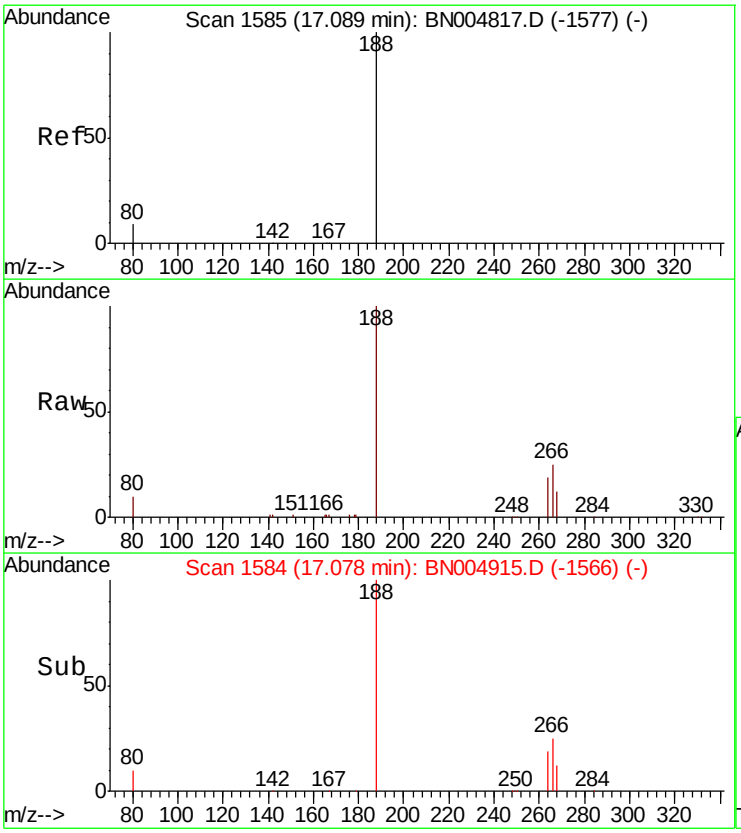
#18
Fluorene
Concen: 0.049 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:166 Resp: 2484

Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.2	117.4
167	21.8	11.0	16.4#

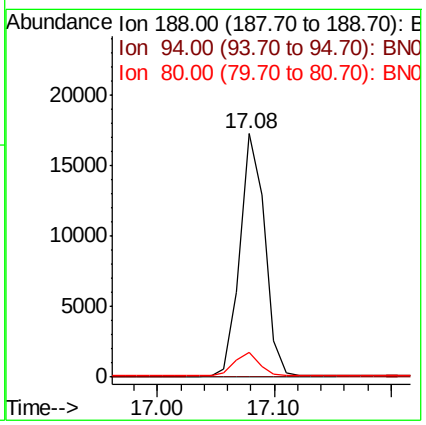


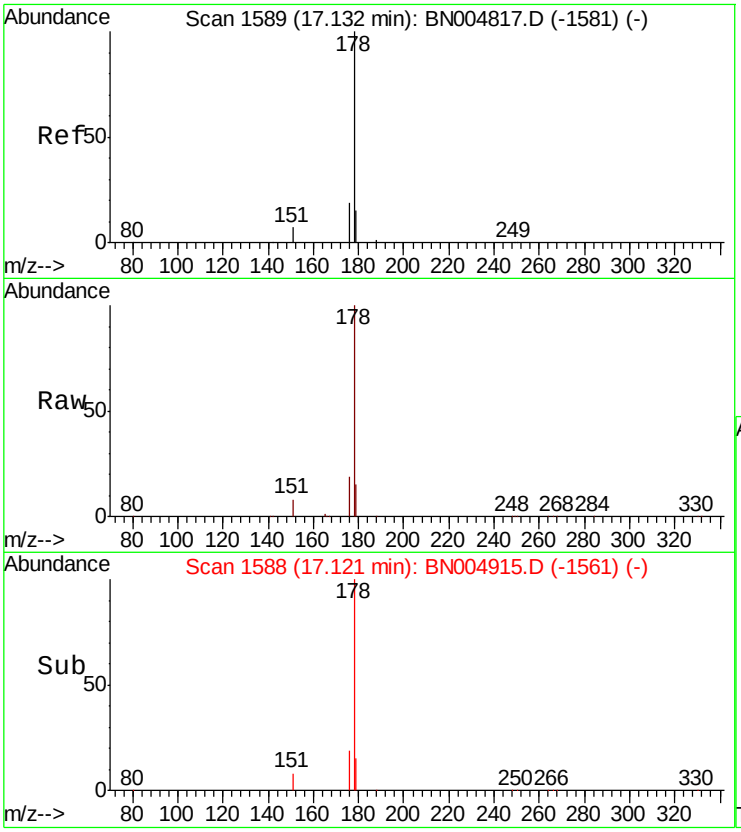


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:188 Resp: 25056

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.4	11.2



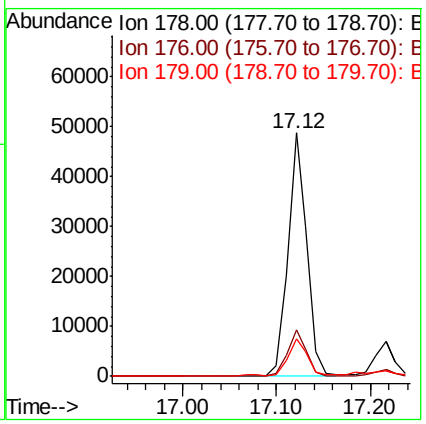


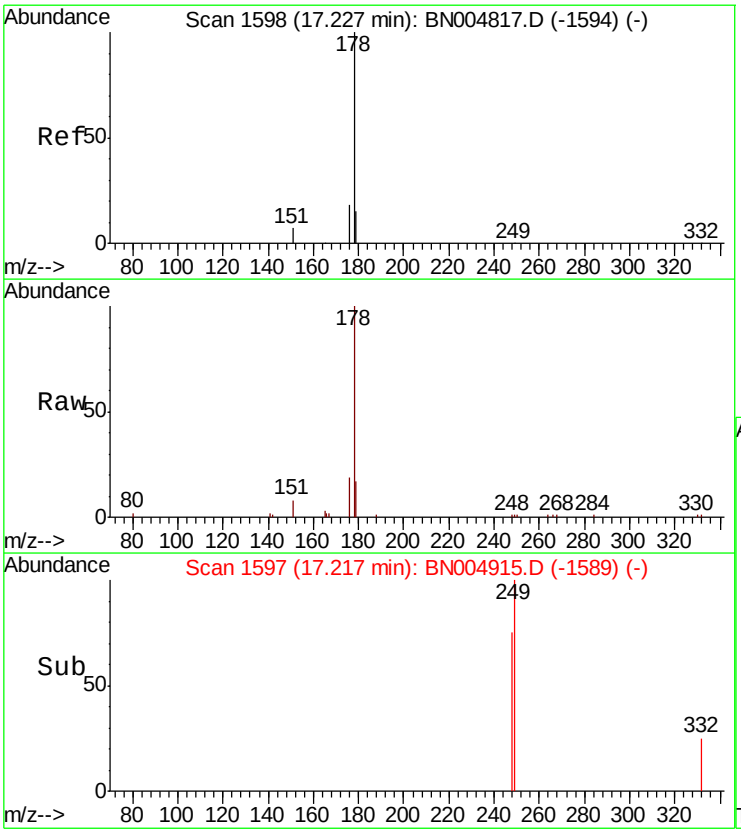
#23
Phenanthrene
Concen: 0.838 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:178 Resp: 67758

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.8	12.1	18.1

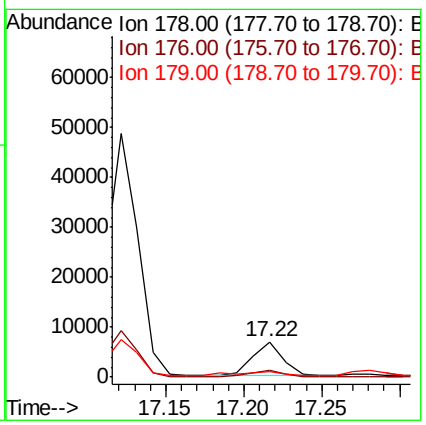


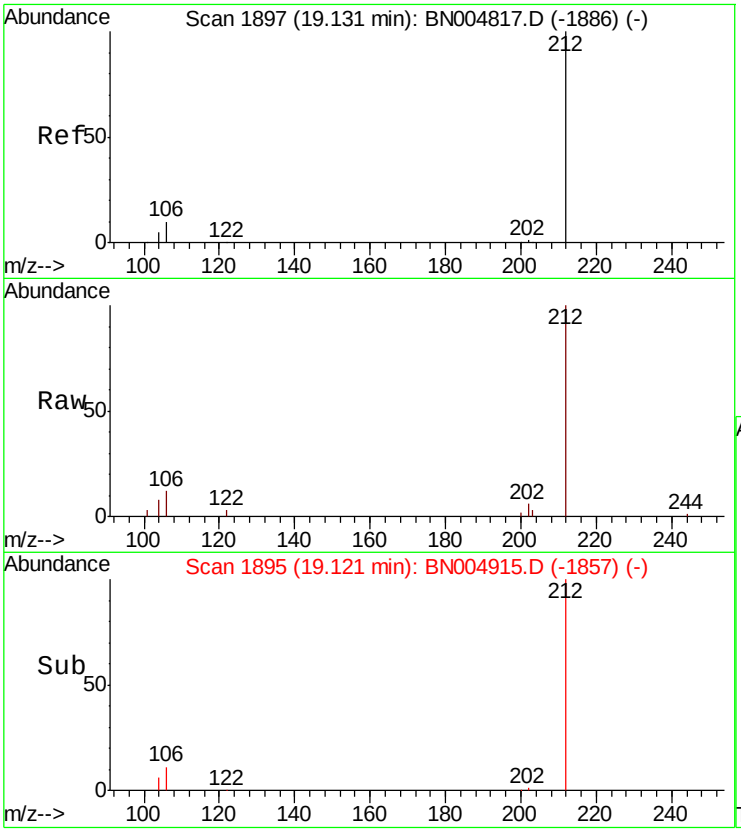


#24
Anthracene
Concen: 0.128 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:178 Resp: 9250

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	22.1	12.2	18.4#



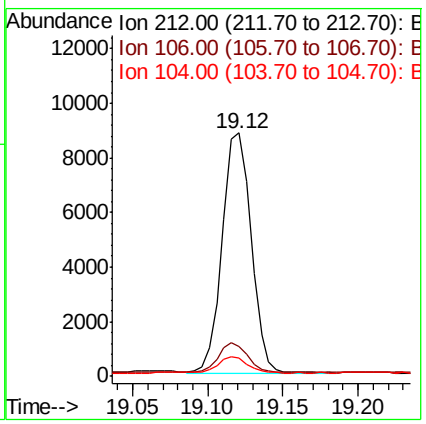


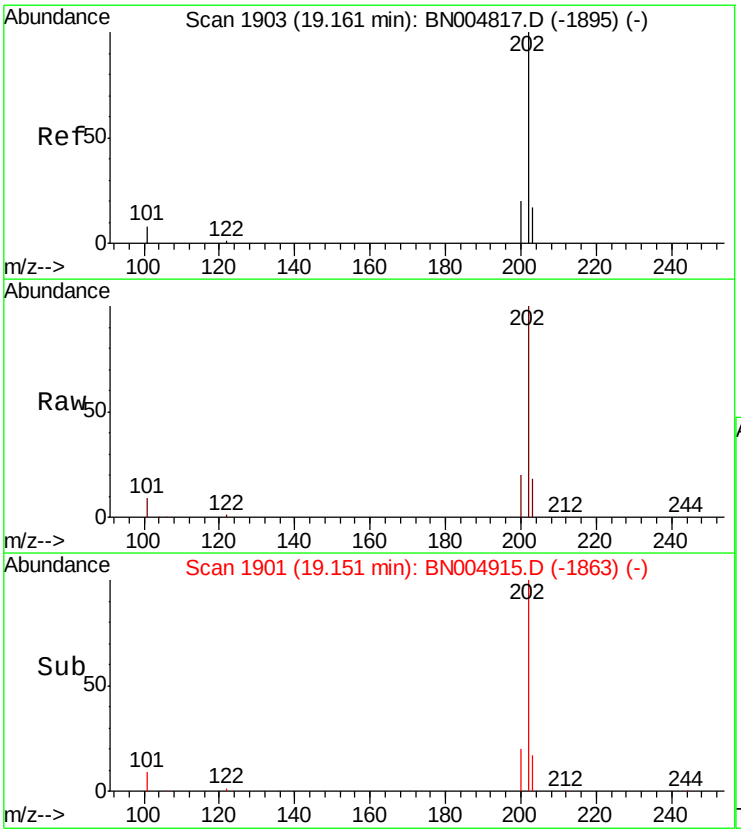
#25
Fluoranthene-d10
Concen: 0.140 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:212 Resp: 11711

Ion	Ratio	Lower	Upper
212	100		
106	11.9	8.6	13.0
104	6.7	4.7	7.1

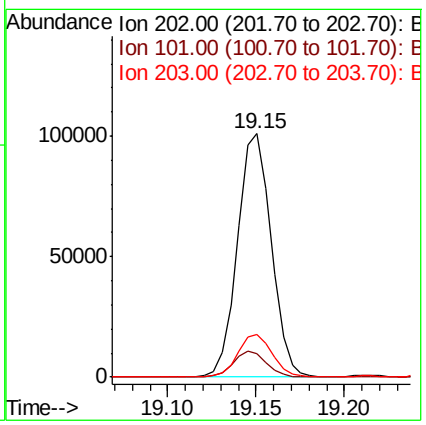


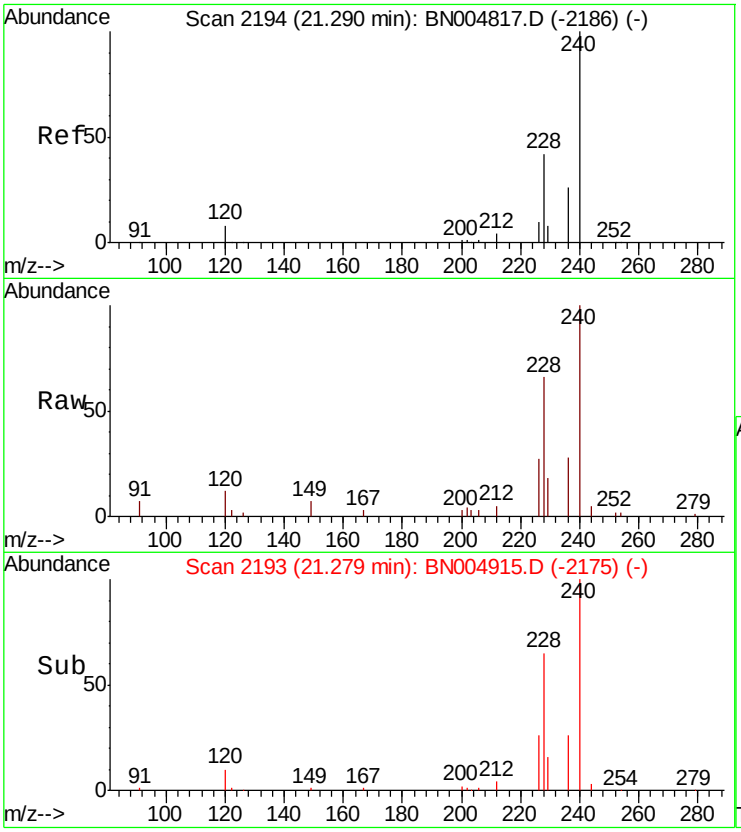


#26
Fluoranthene
Concen: 1.279 ng
RT: 19.15 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:202 Resp: 133024

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



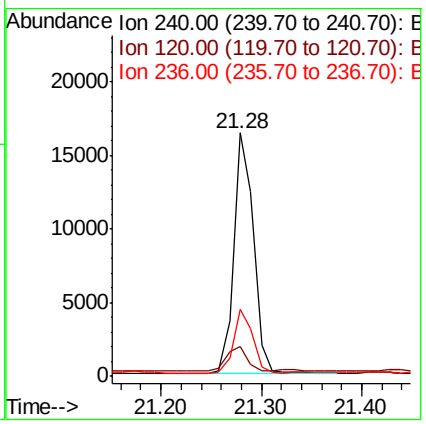


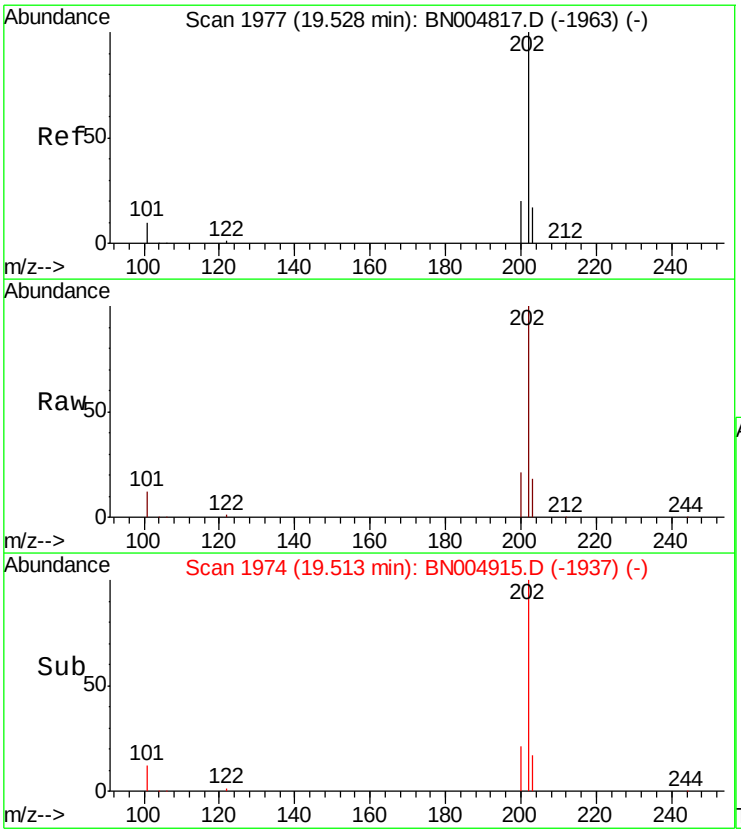
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:240 Resp: 22081

Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.2	10.8#
236	27.5	20.9	31.3

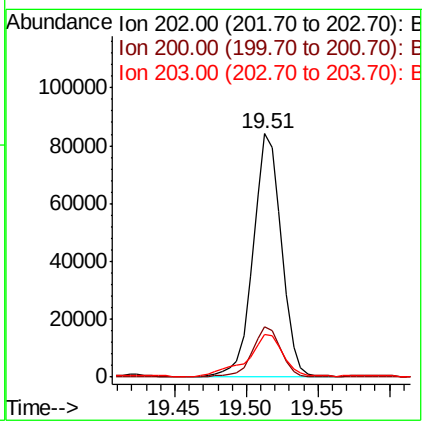


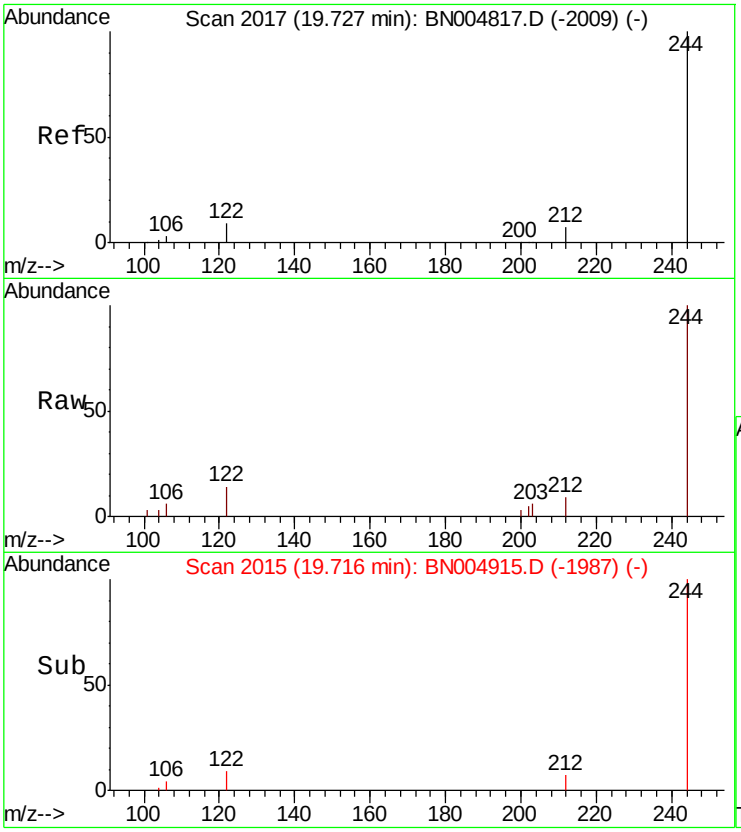


#28
Pyrene
Concen: 1.706 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:202 Resp: 114859

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	21.6	14.0	21.0#



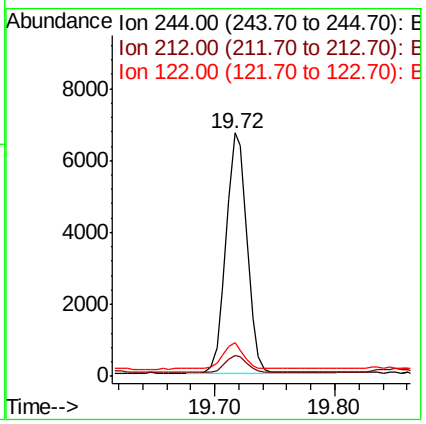


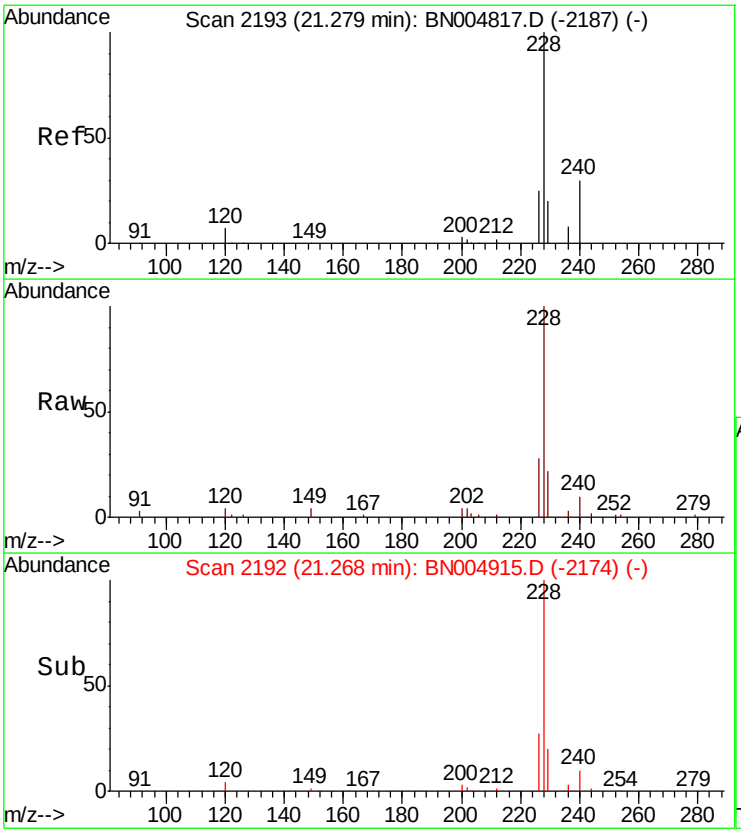
#29
Terphenyl-d14
Concen: 0.180 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:244 Resp: 8111

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.6
122	13.7	7.9	11.9#

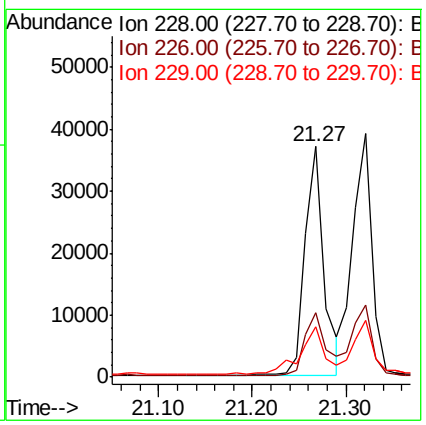


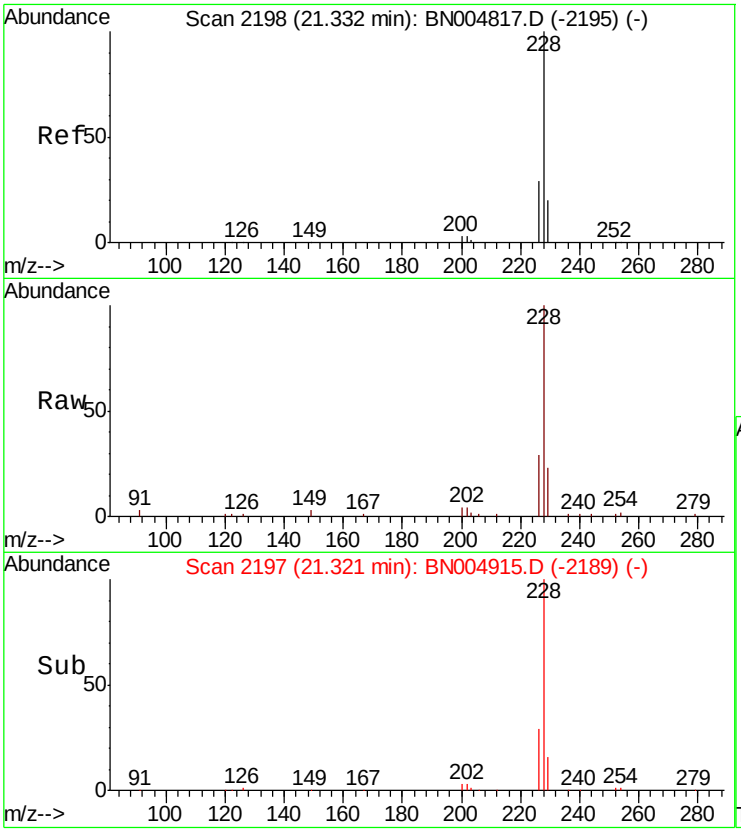


#30
Benzo(a)anthracene
Concen: 0.716 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:228 Resp: 51856

Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.6	31.0
229	21.7	16.2	24.4



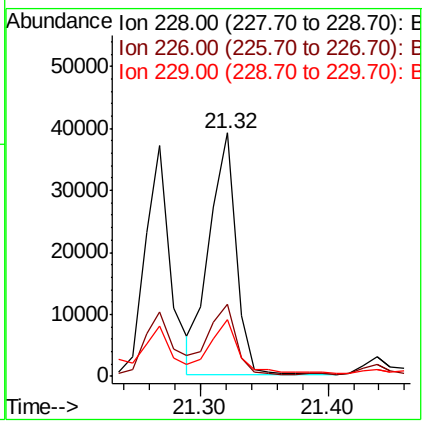


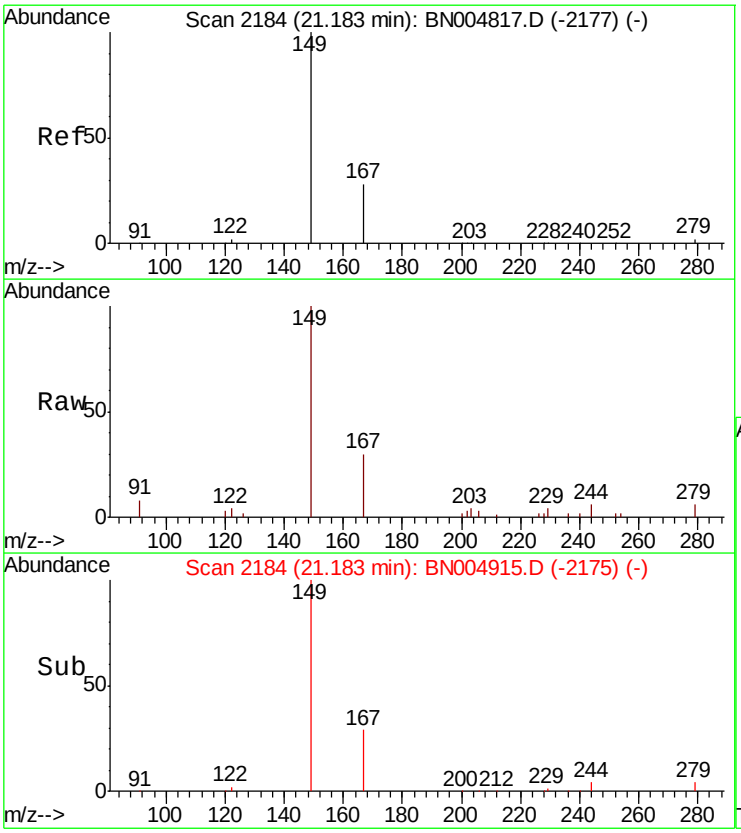
#31
Chrysene
Concen: 0.730 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:228 Resp: 55708

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	23.1	16.2	24.2

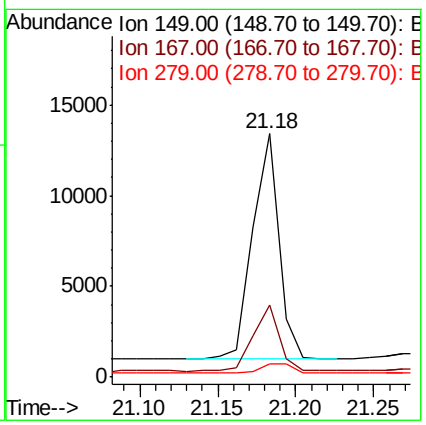


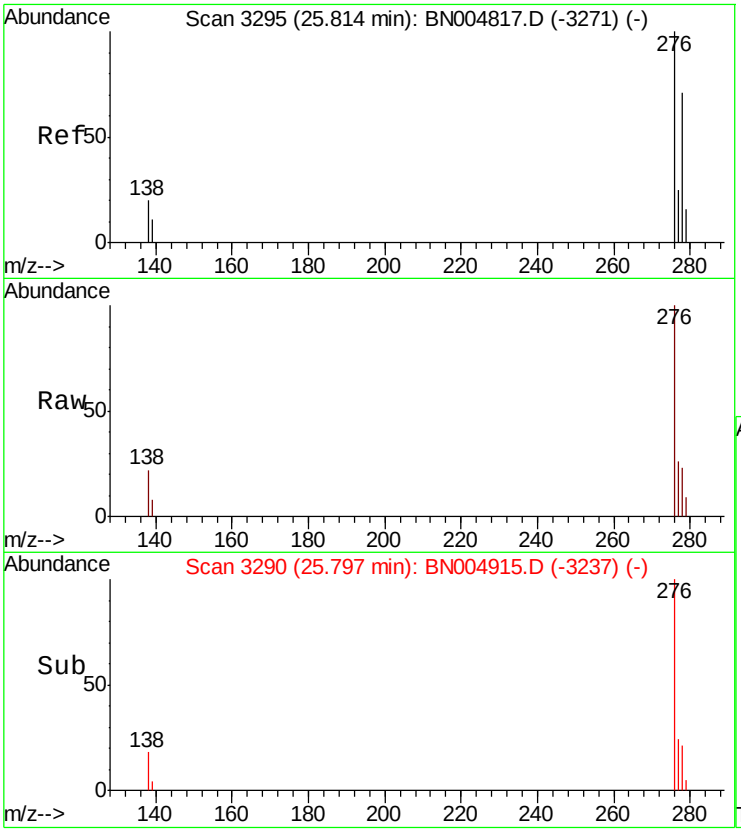


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.504 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:149 Resp: 14576

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.3	4.6	6.8



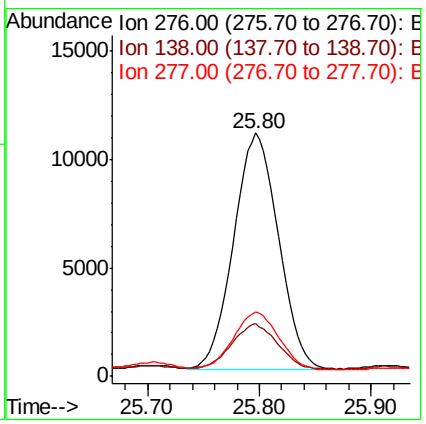


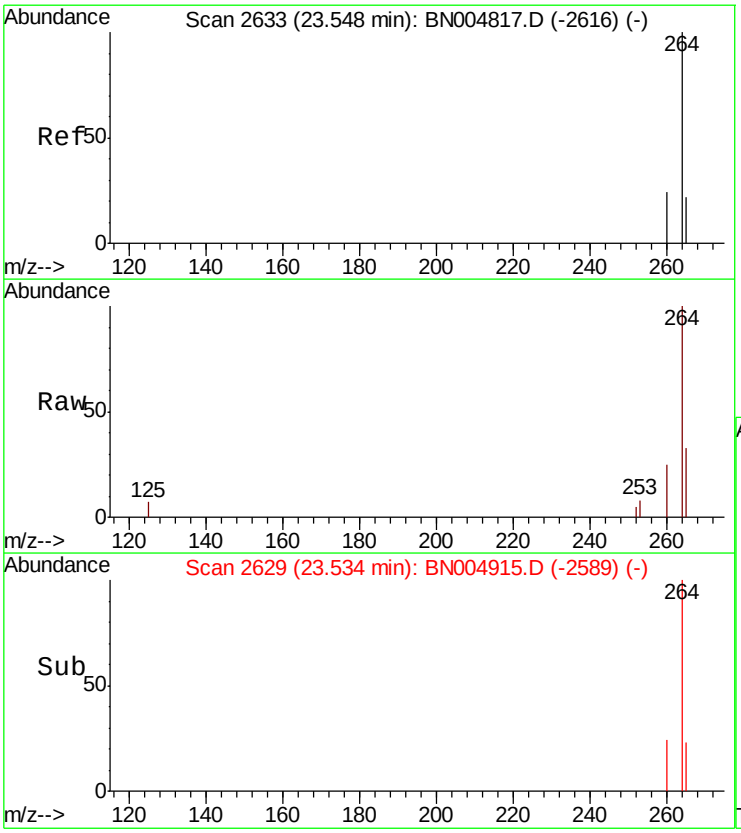
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:276 Resp: 30204

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	24.8
277	25.0	20.3	30.5

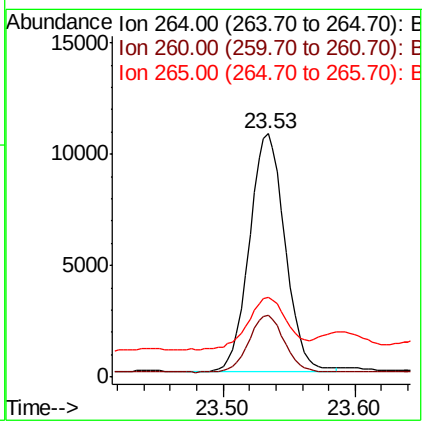


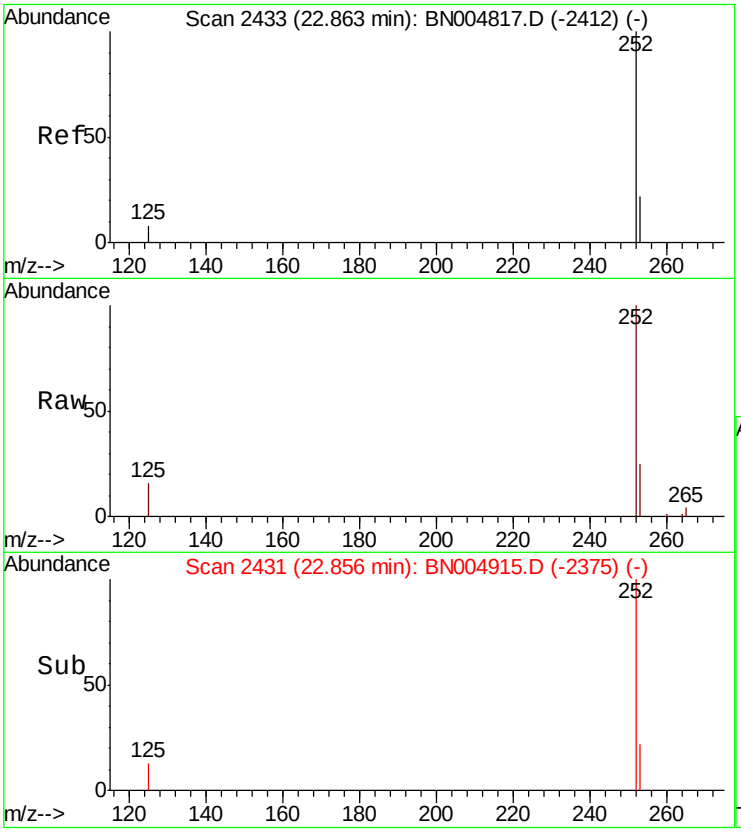


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:264 Resp: 20072

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	32.8	23.1	34.7



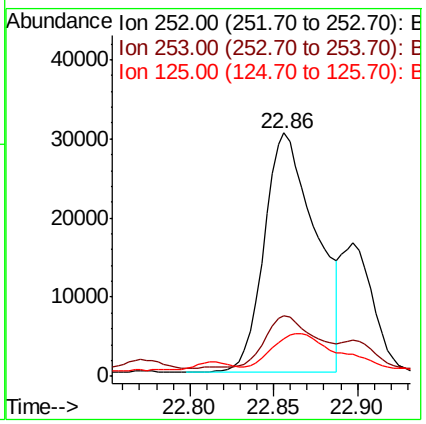


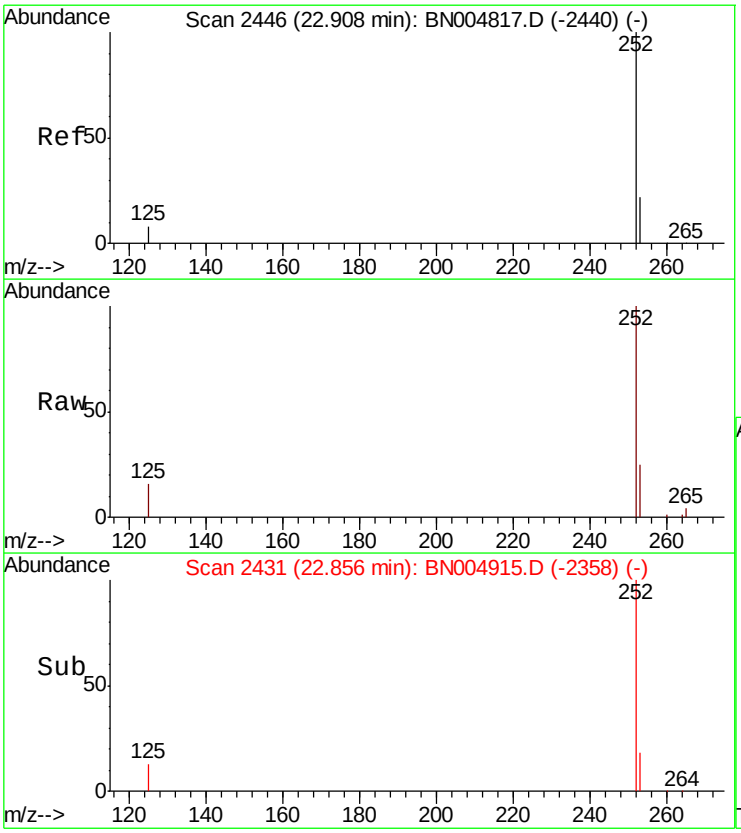
#35
Benzo(b)fluoranthene
Concen: 0.894 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:252 Resp: 64899

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.4
125	15.5	7.4	11.2#

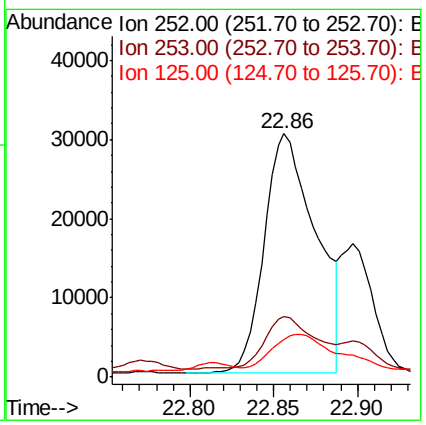


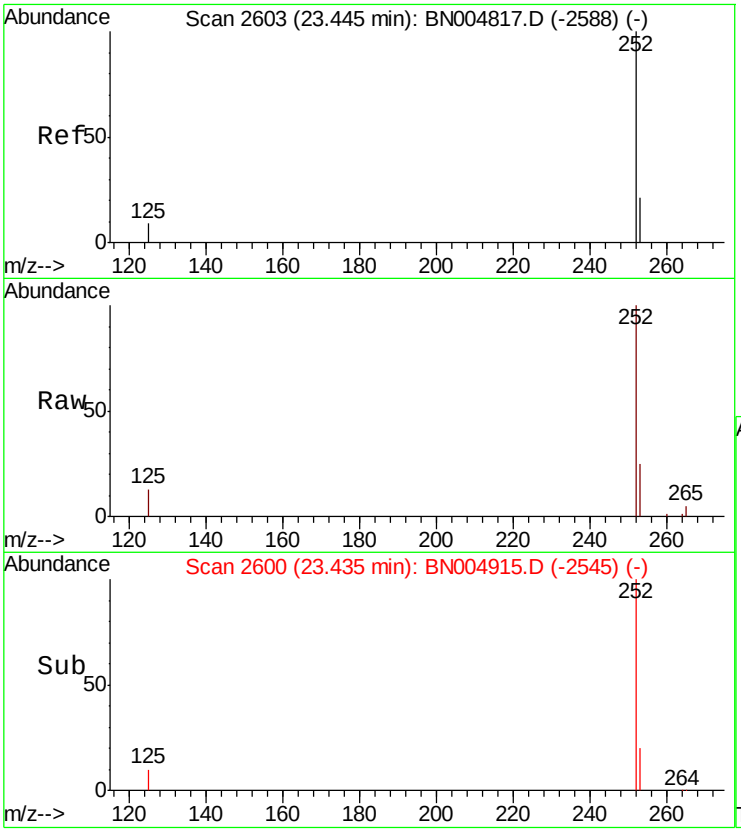


#36
Benzo(k)fluoranthene
Concen: 0.909 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.05 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:252 Resp: 64899

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	15.5	7.4	11.0#



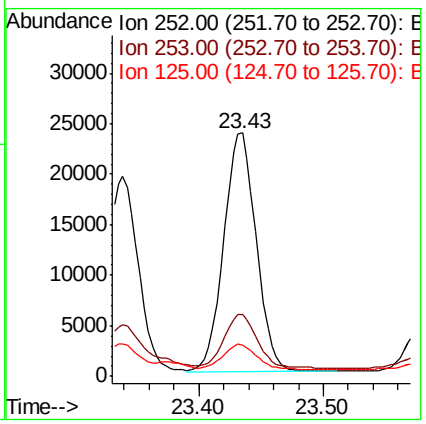


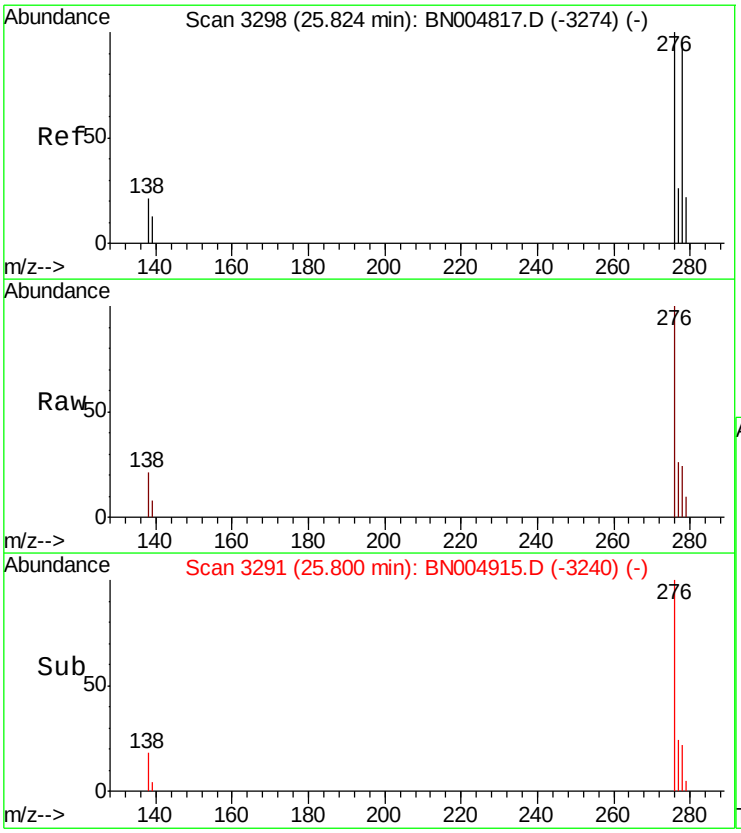
#37
Benzo(a)pyrene
Concen: 0.639 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:252 Resp: 42567

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.7	29.5
125	12.9	8.3	12.5#

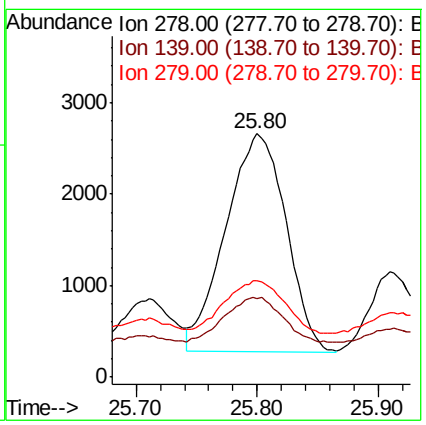


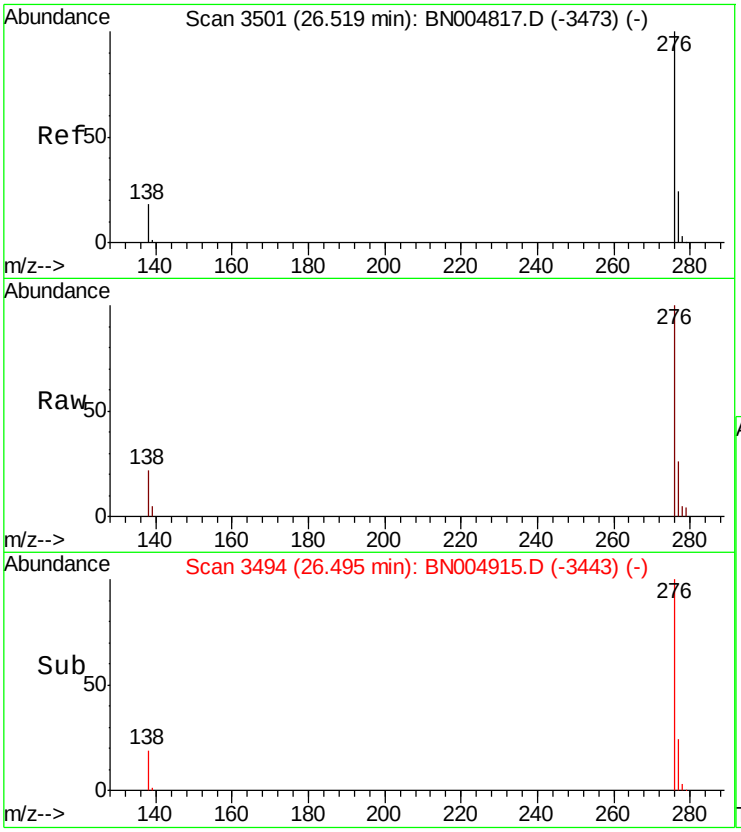


#38
Dibenzo(a,h)anthracene
Concen: 0.107 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Tgt Ion:278 Resp: 8247

Ion	Ratio	Lower	Upper
278	100		
139	32.2	11.7	17.5#
279	39.4	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 26.49 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BN004915.D
Acq: 23 Mar 2019 09:08

Instrument :
BNA_N
ClientSampleId :
PST-028-B099-030619

Tgt Ion:276 Resp: 32772

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.7	29.5
138	21.8	14.6	22.0