Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004950.D
Acq On : 24 Mar 2019 21:43
Operator : JU/SJ
Sample : K2014-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-B025-031919

Quant Time: Mar 25 02:58:30 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	7.68	152	3314	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	13000	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	6809	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	14829	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	17176	0.40	ng		-0.01
34) Perylene-d12	23.52	264	18491	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	2649	0.29	ng		0.00
5) Phenol-d6	6.86	99	3225	0.29	ng		-0.02
8) Nitrobenzene-d5	8.84	82	2572	0.30	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	5395	0.24	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1217	0.26	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	7659	0.27	ng		-0.02
25) Fluoranthene-d10	19.12	212	11514	0.23	ng		-0.01
29) Terphenyl-d14	19.71	244	8617	0.25	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.52	128	4176	0.115	ng	#	95
12) 2-Methylnaphthalene	12.14	142	3625	0.134	ng		97
16) Acenaphthylene	14.04	152	39067	1.114	ng		99
17) Acenaphthene	14.39	154	1963	0.085	ng	#	92
18) Fluorene	15.38	166	8133	0.254	ng	#	77
23) Phenanthrene	17.12	178	109350	2.284	ng		99
24) Anthracene	17.21	178	24119	0.564	ng		98
26) Fluoranthene	19.15	202	120227	1.954	ng		97
28) Pyrene	19.51	202	188347	3.596	ng		97
30) Benzo(a)anthracene	21.26	228	73441	1.304	ng		92
31) Chrysene	21.31	228	100440	1.693	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	7269	0.323	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	47863	0.558	ng		99
35) Benzo(b)fluoranthene	22.85	252	112547	1.683	ng	#	84
36) Benzo(k)fluoranthene	22.85	252	112553	1.710	ng	#	84
37) Benzo(a)pyrene	23.42	252	68995	1.124	ng	#	96
38) Dibenzo(a,h)anthracene	25.80	278	14970	0.211	ng	#	60
39) Benzo(g,h,i)perylene	26.49	276	54868	0.758	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
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PST-026-B025-031919

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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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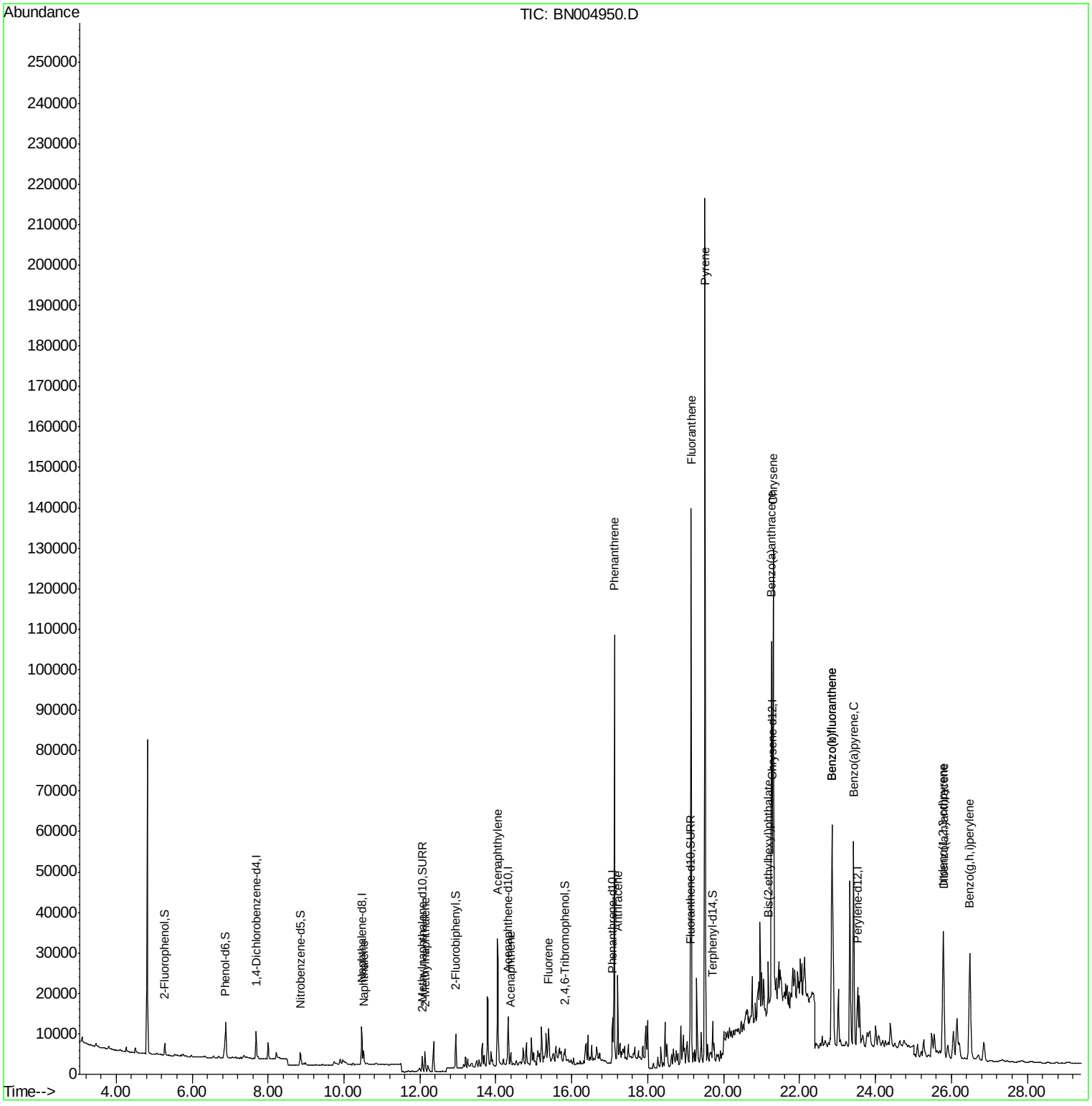
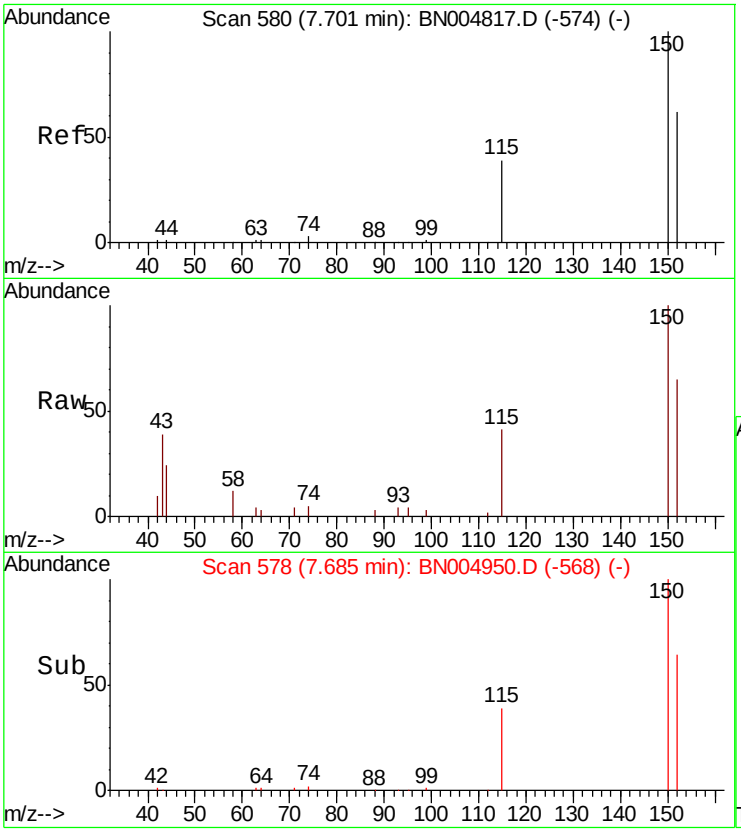


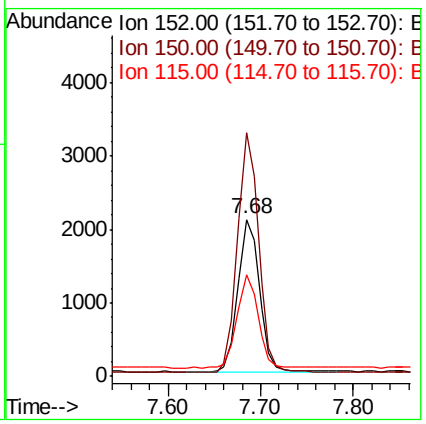


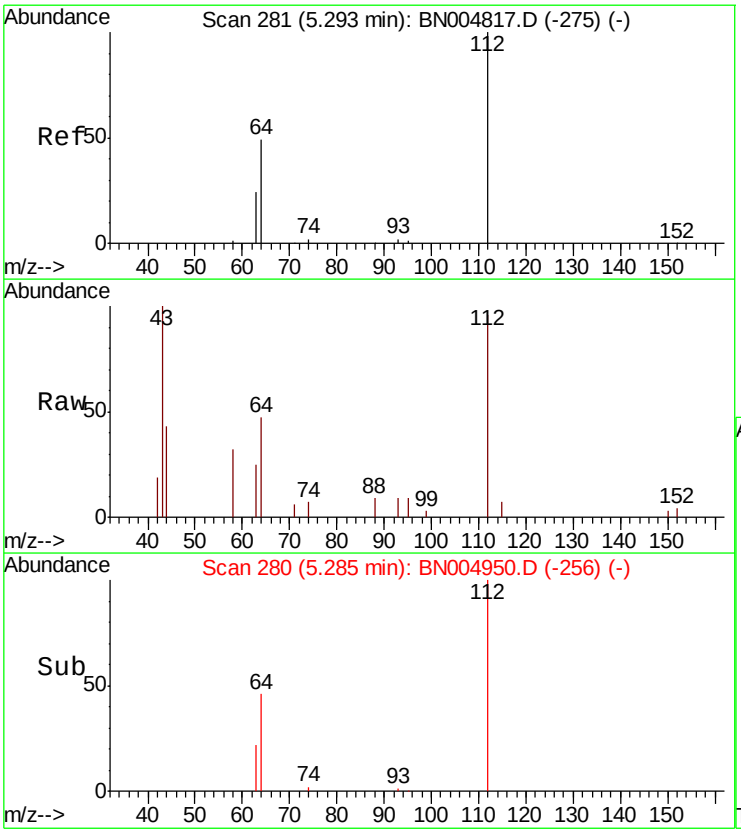
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:152 Resp: 3314

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.4
115	64.2	52.6	79.0

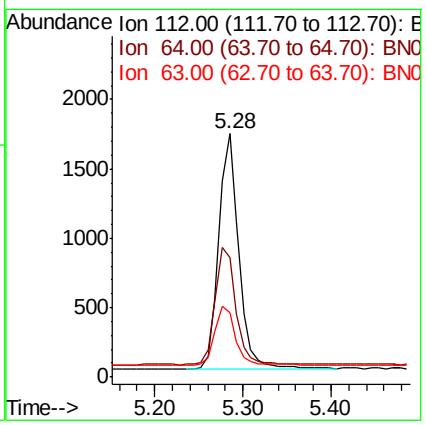


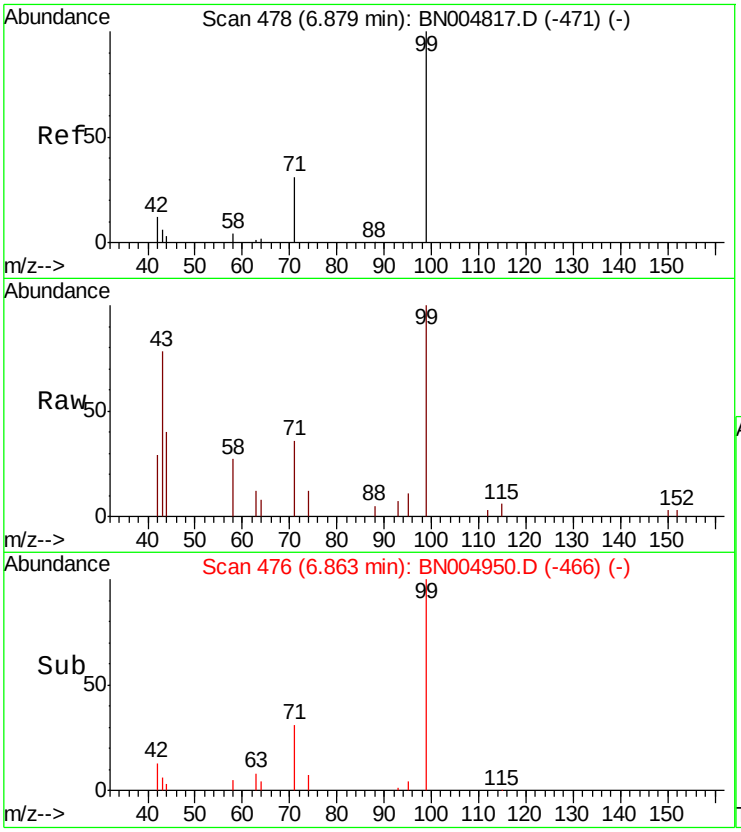


#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:112 Resp: 2649

Ion	Ratio	Lower	Upper
112	100		
64	52.4	40.0	60.0
63	27.0	20.2	30.2



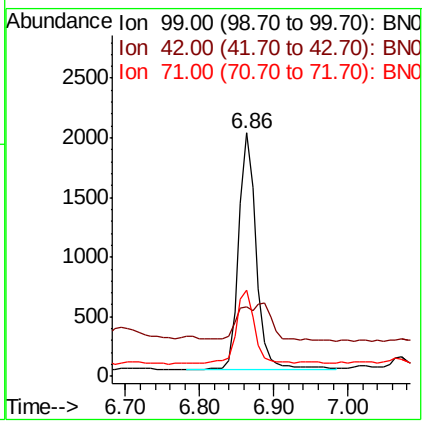


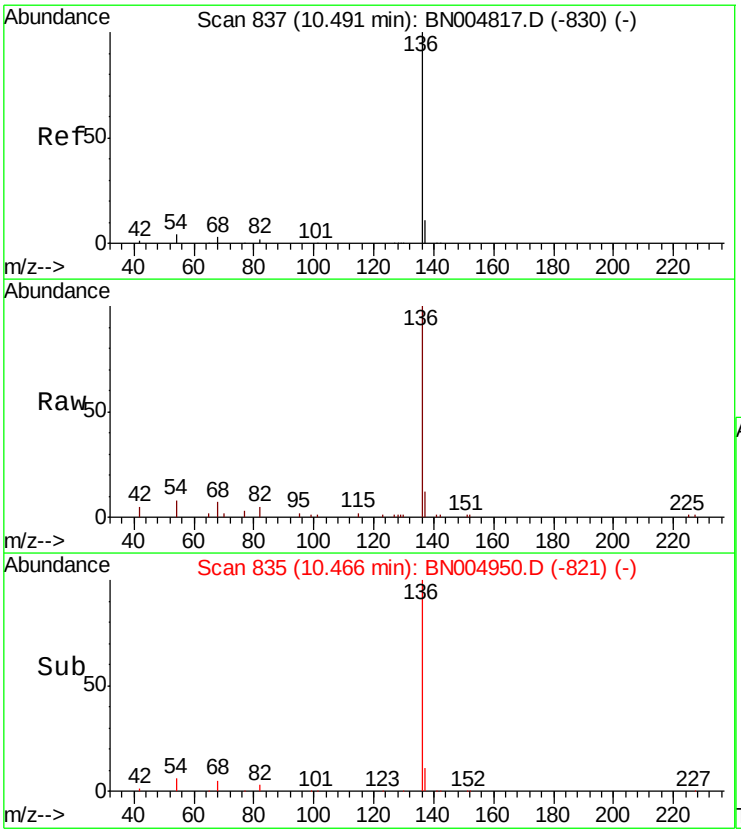
#5
Phenol-d6
Concen: 0.288 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion: 99 Resp: 3225

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.7	19.1#
71	32.6	26.6	40.0

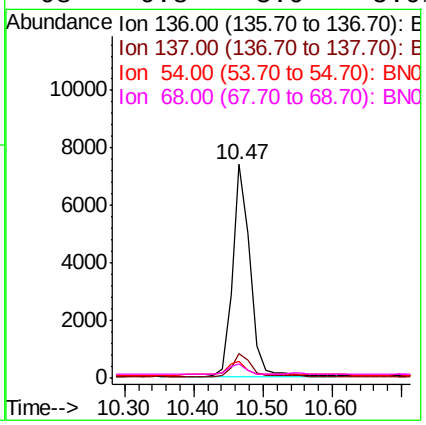


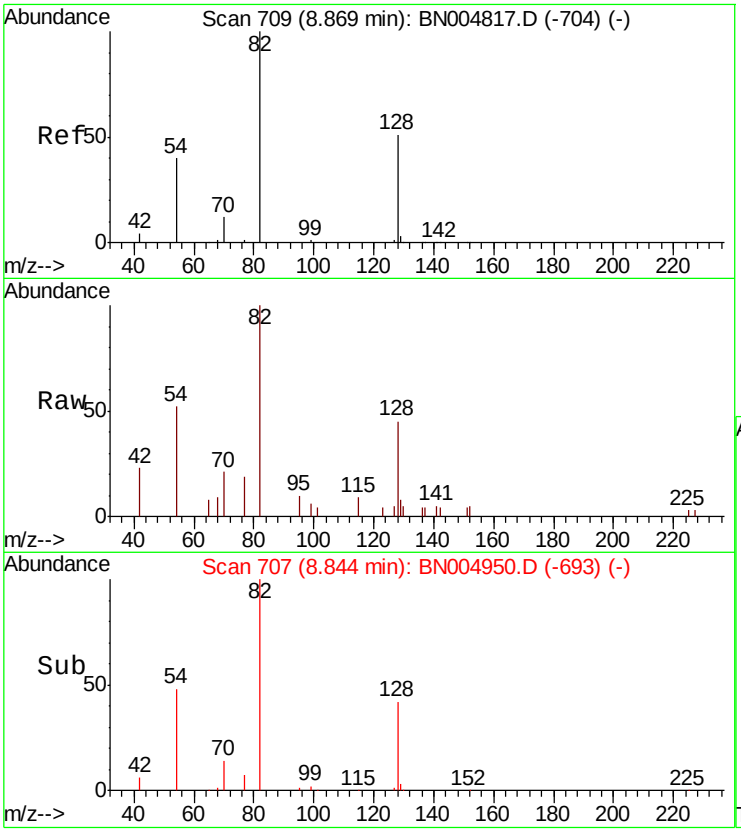


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:136 Resp: 13000

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.6	4.2	6.2#
68	6.8	3.9	5.9#



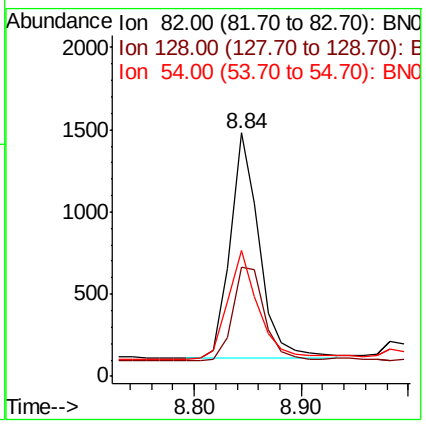


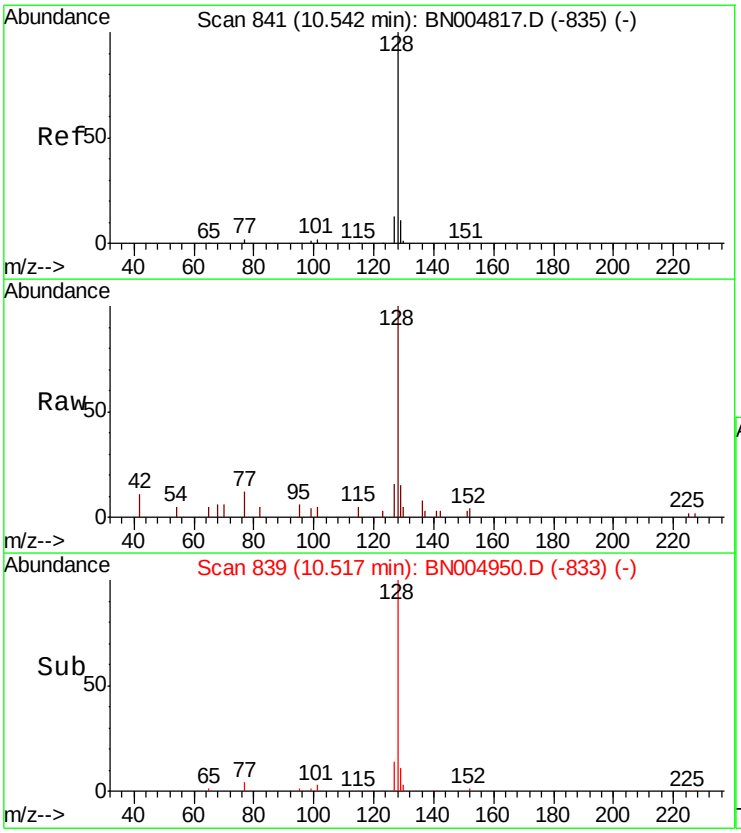
#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion: 82 Resp: 2572

Ion	Ratio	Lower	Upper
82	100		
128	44.9	43.0	64.6
54	51.6	35.3	52.9

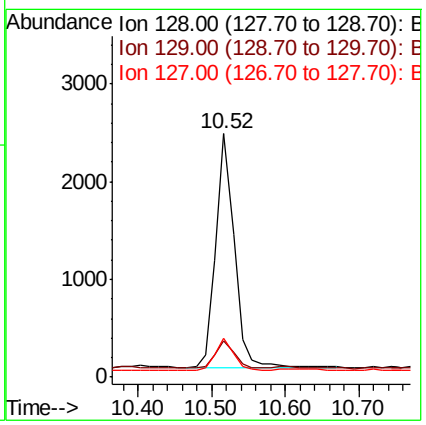


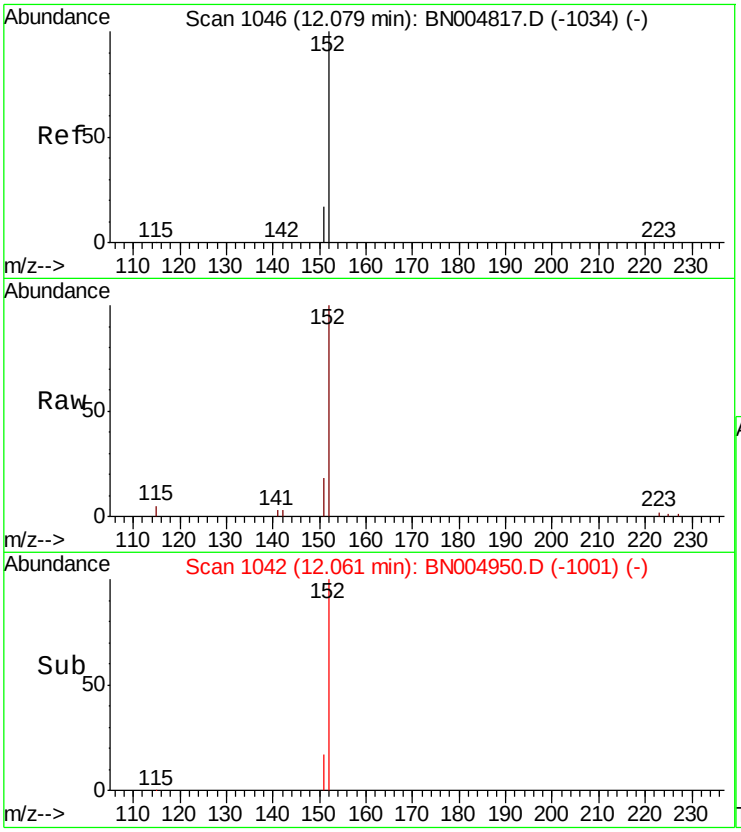


#9
Naphthalene
Concen: 0.115 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:128 Resp: 4176

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.9	14.9#
127	15.8	11.3	16.9



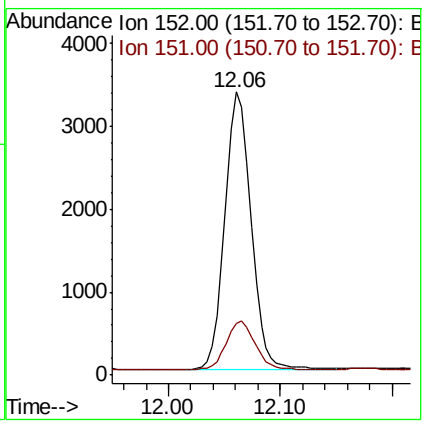


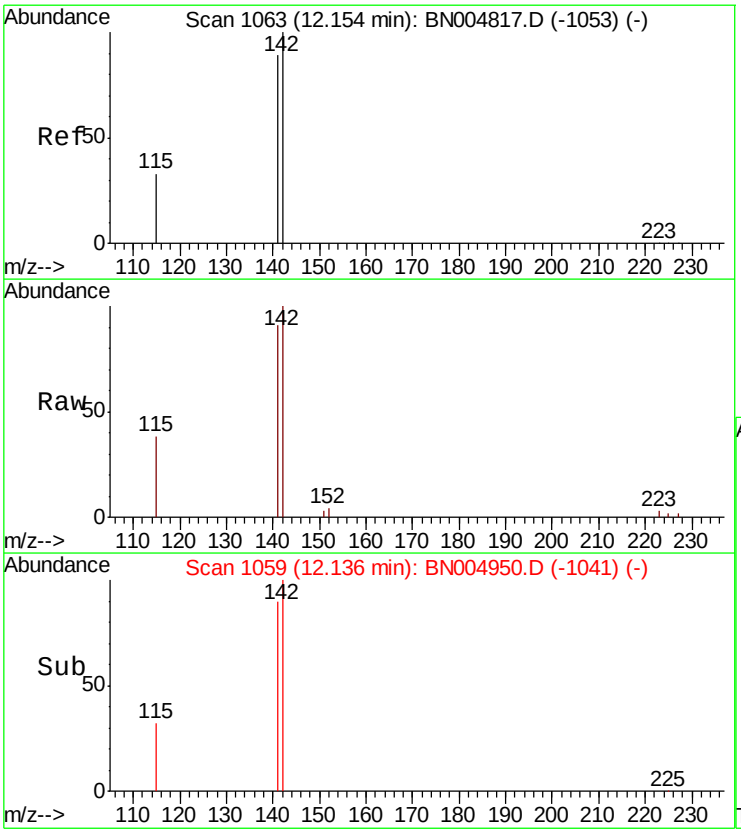
#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:152 Resp: 5395

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3

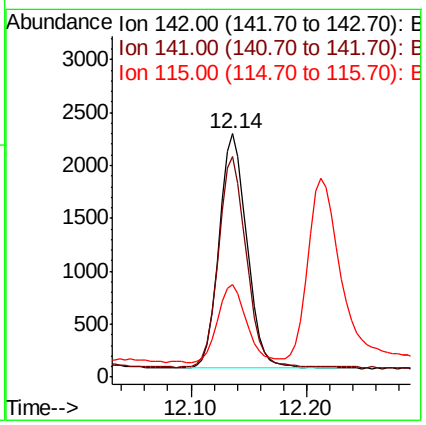


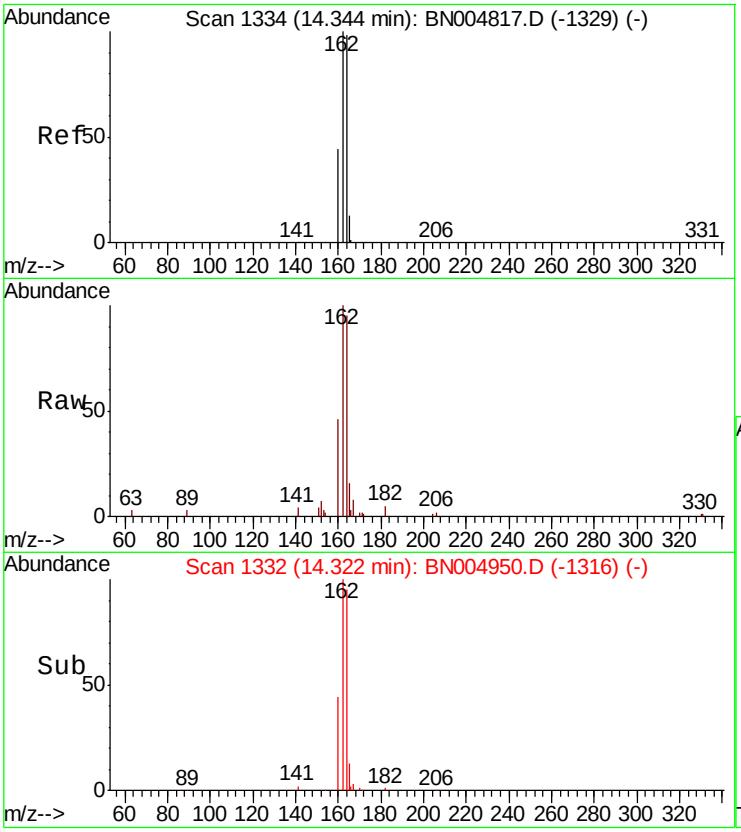


#12
2-Methylnaphthalene
Concen: 0.134 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:142 Resp: 3625

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	38.0	27.5	41.3



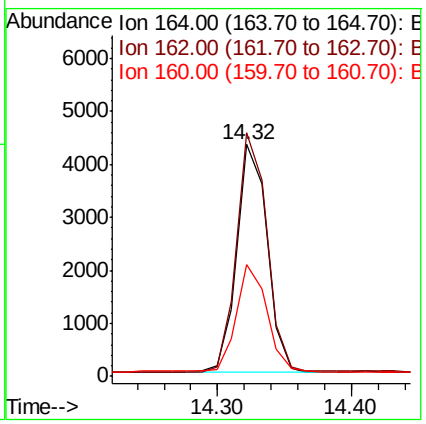


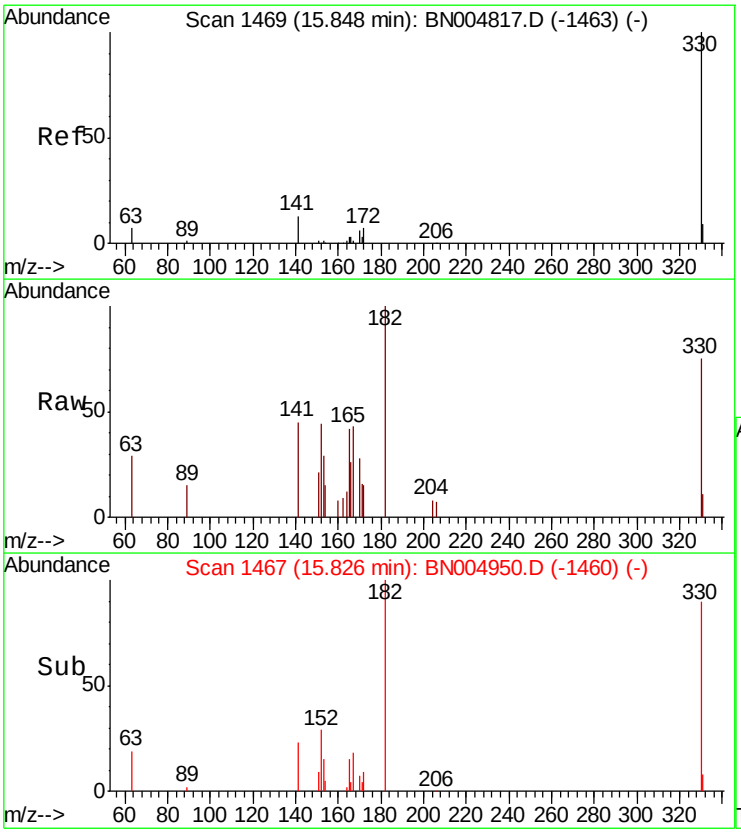
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:164 Resp: 6809

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.9	122.9
160	48.3	36.6	54.8

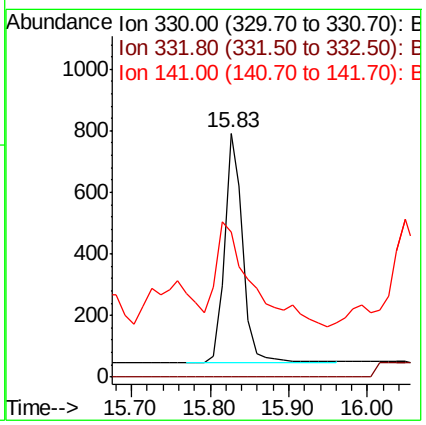


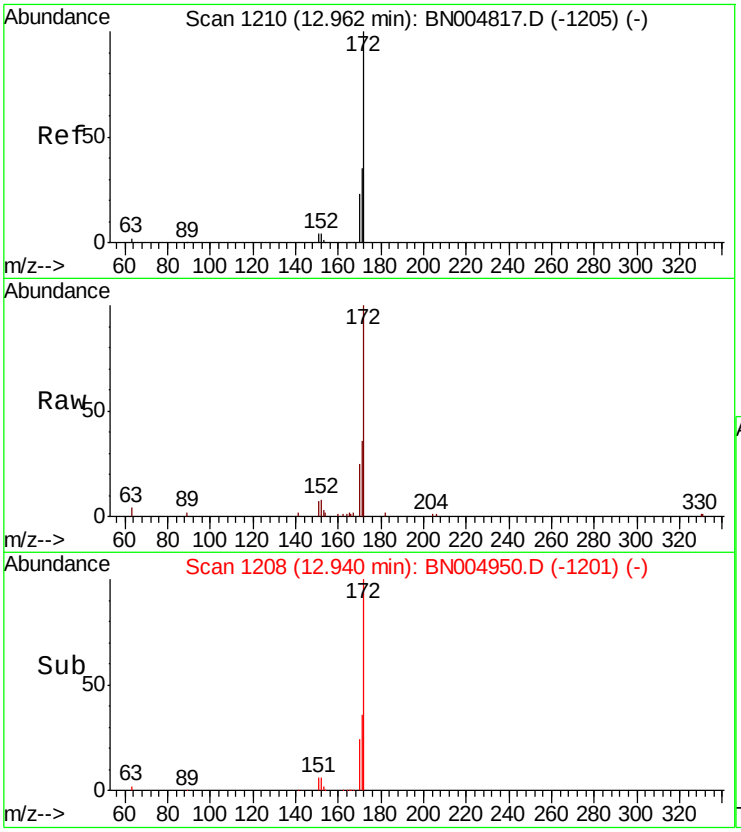


#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:330 Resp: 1217

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	86.9	20.9	31.3#



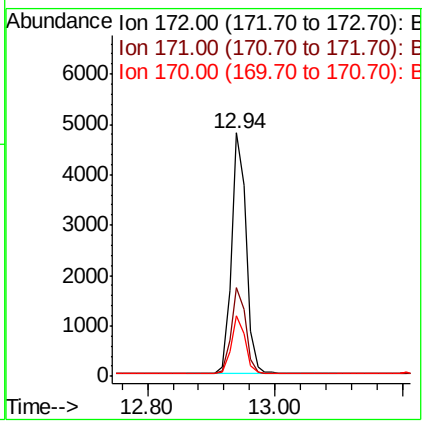


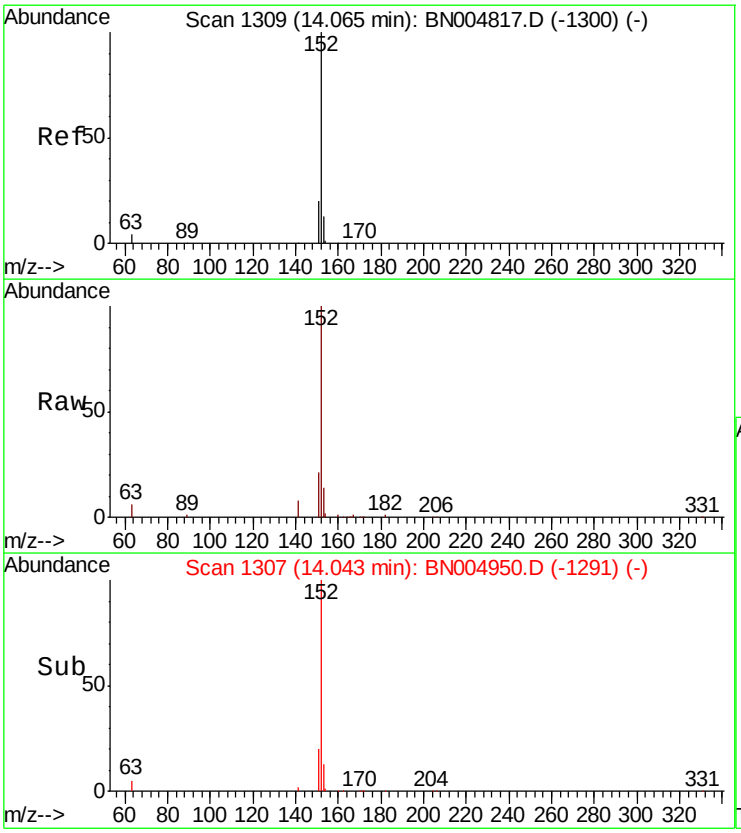
#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:172 Resp: 7659

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.9	18.7	28.1

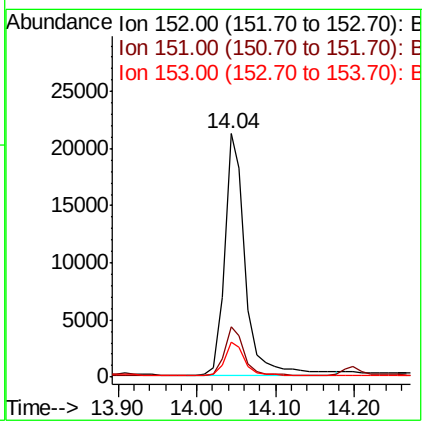


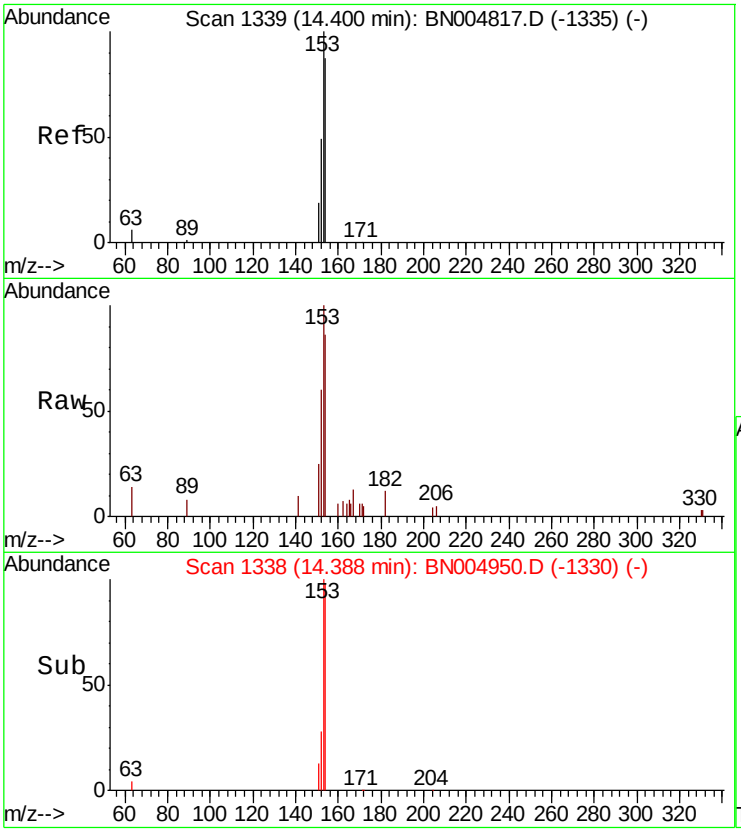


#16
Acenaphthylene
Concen: 1.114 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:152 Resp: 39067

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	10.5	15.7



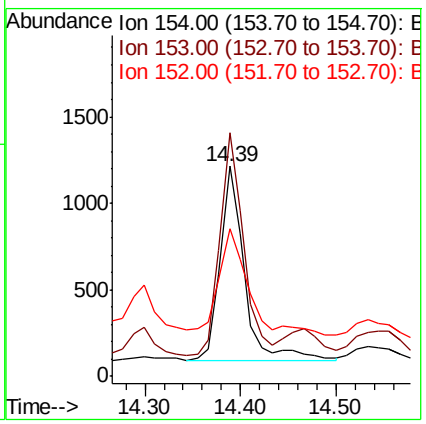


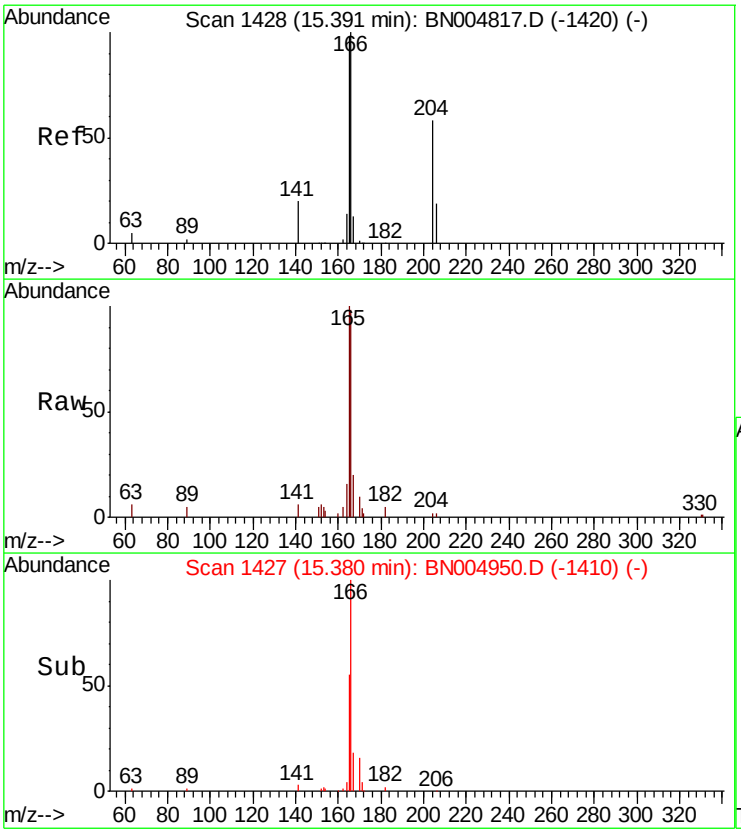
#17
Acenaphthene
Concen: 0.085 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:154 Resp: 1963

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.4	137.2
152	68.8	44.2	66.2#

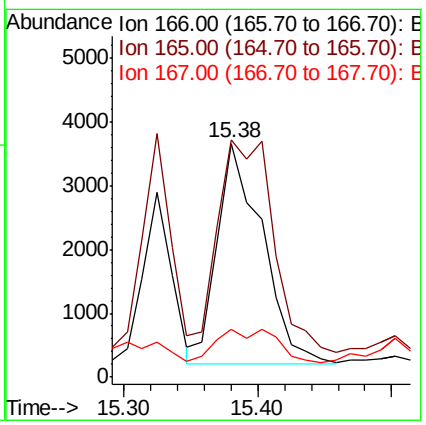


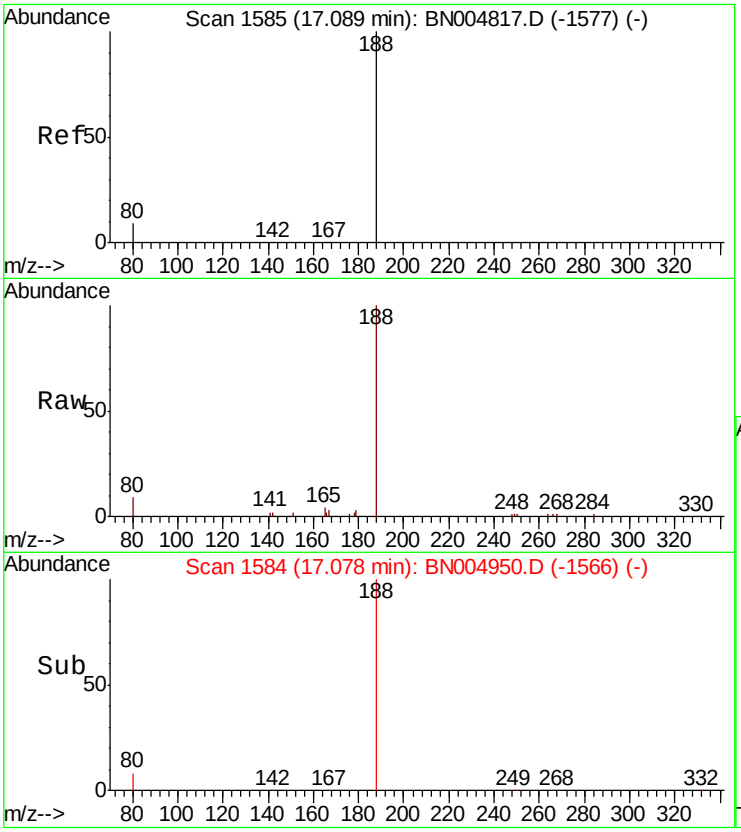


#18
Fluorene
Concen: 0.254 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:166 Resp: 8133

Ion	Ratio	Lower	Upper
166	100		
165	119.0	78.2	117.4#
167	0.0	11.0	16.4#



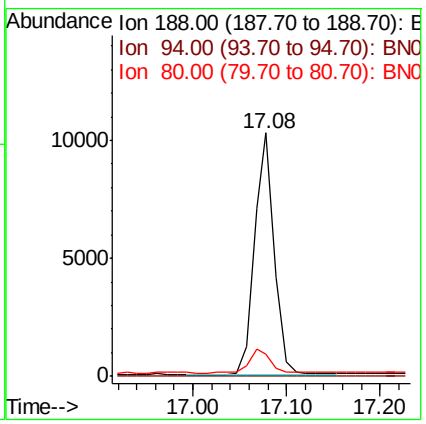


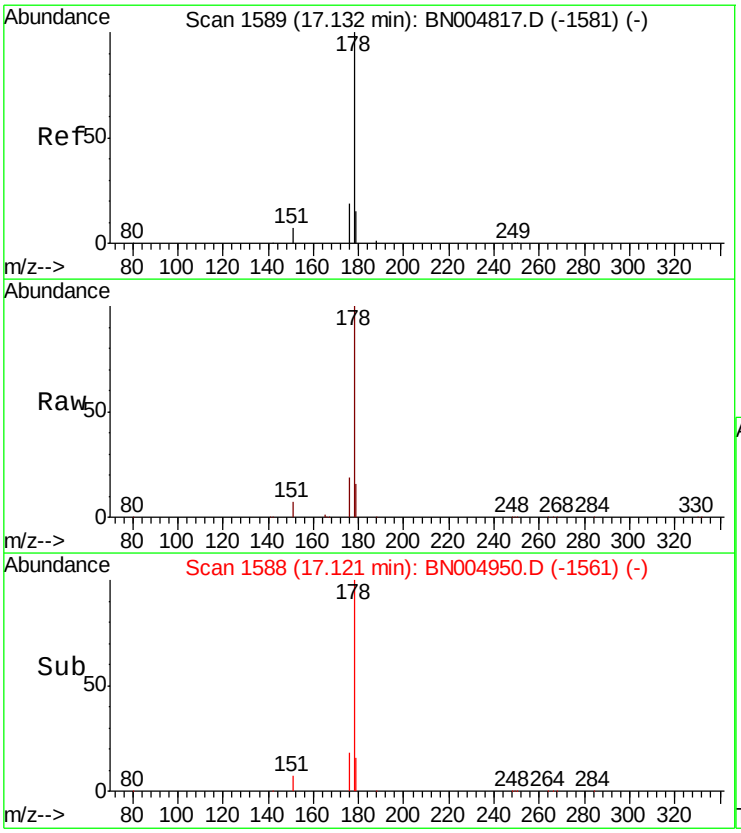
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:188 Resp: 14829

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

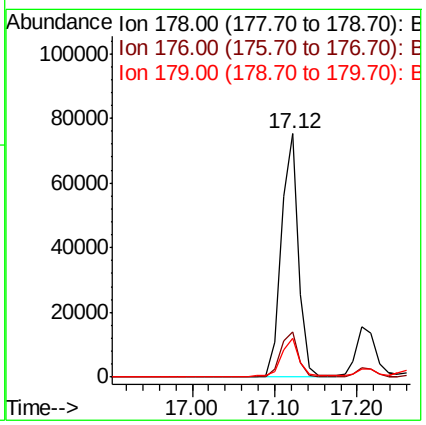


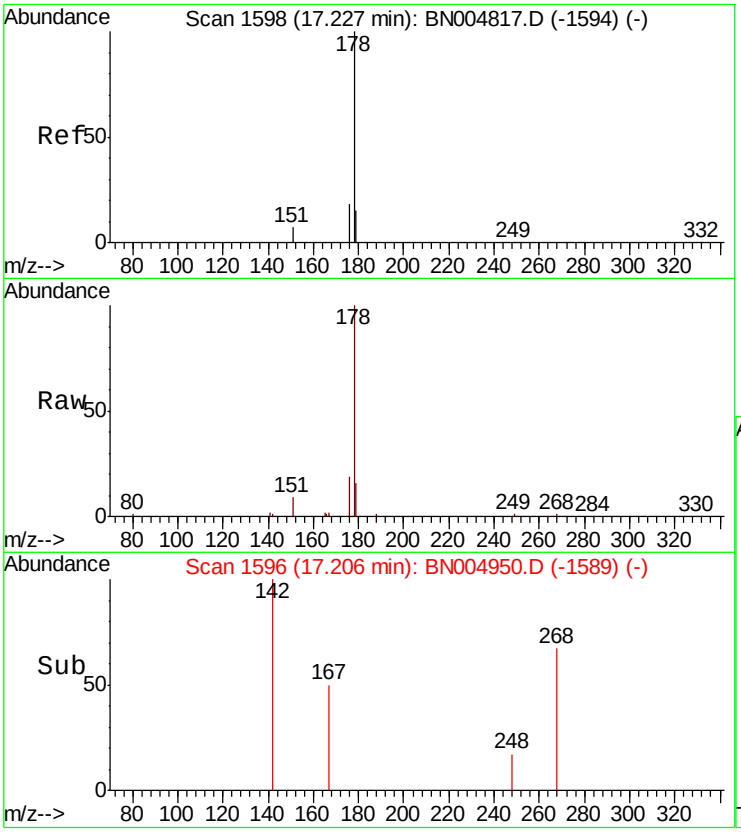


#23
Phenanthrene
Concen: 2.284 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:178 Resp: 109350

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	12.1	18.1



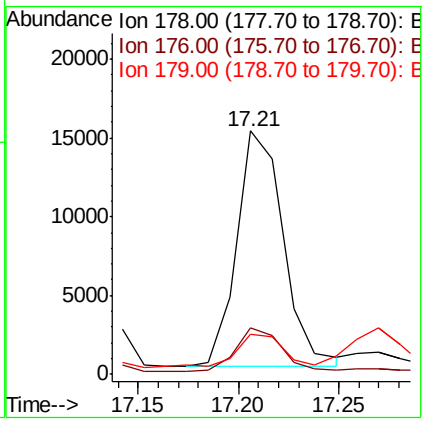


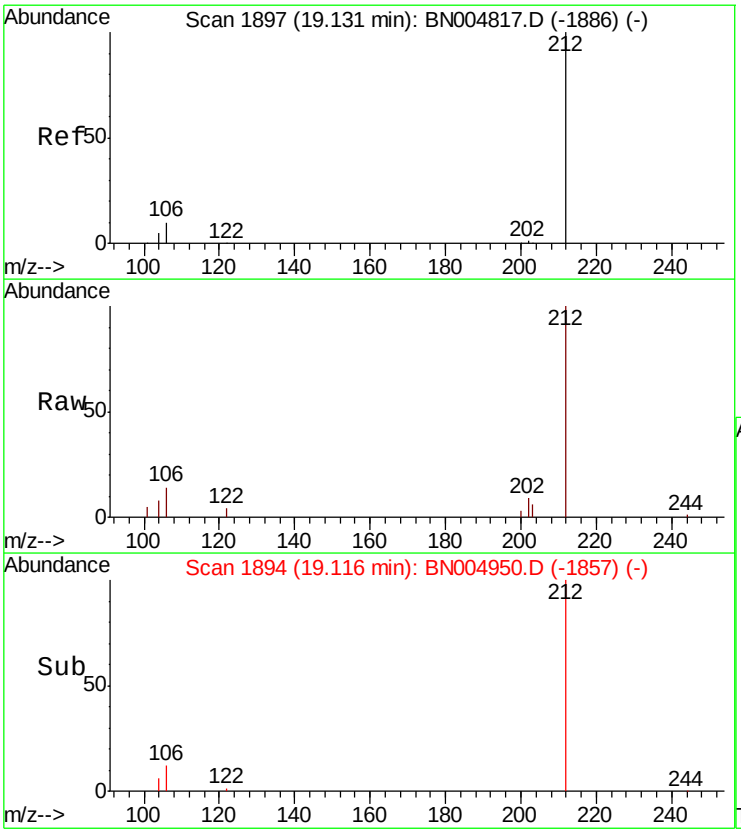
#24
Anthracene
Concen: 0.564 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:178 Resp: 24119

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	13.4	12.2	18.4

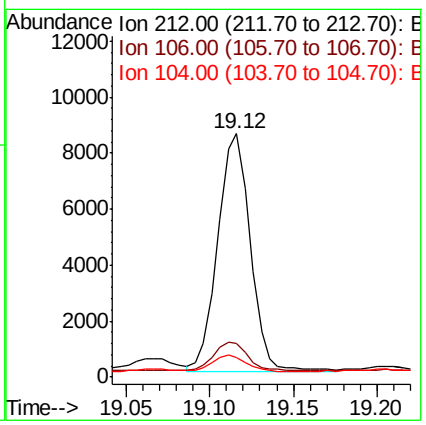


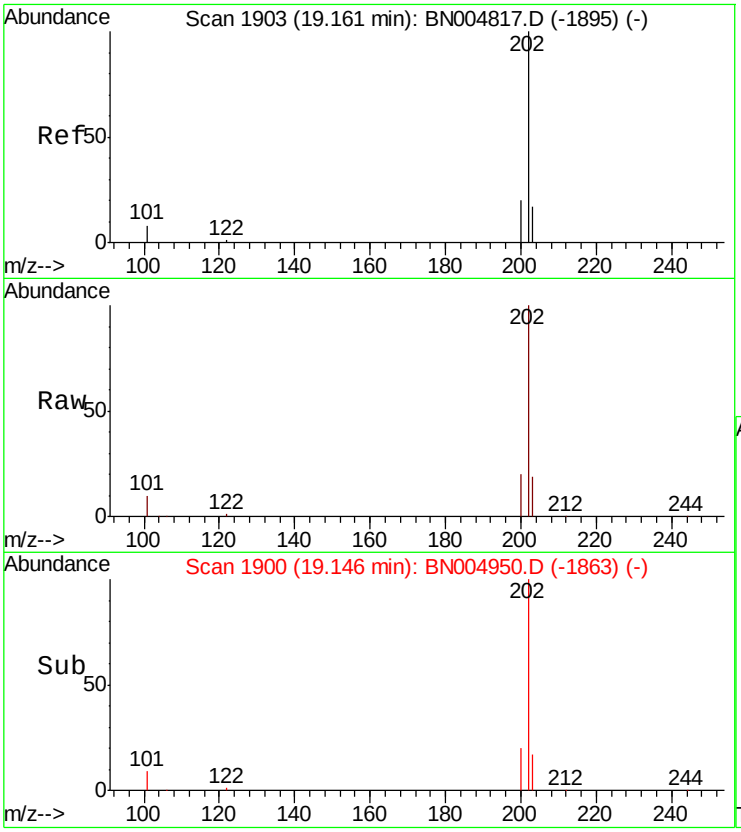


#25
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:212 Resp: 11514

Ion	Ratio	Lower	Upper
212	100		
106	12.6	8.6	13.0
104	7.2	4.7	7.1#



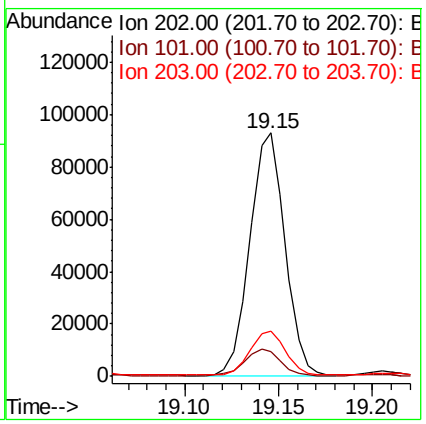


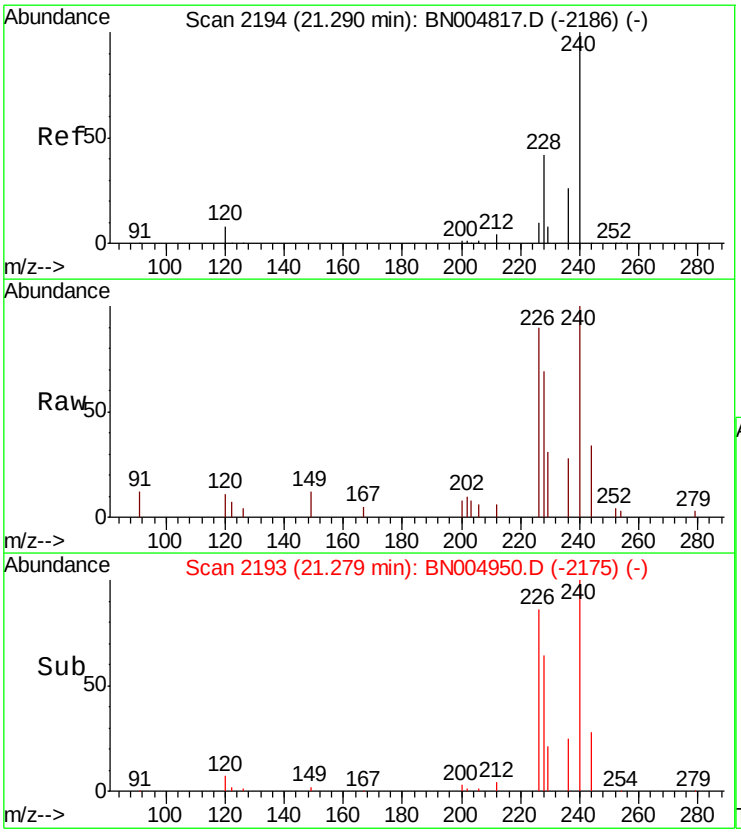
#26
Fluoranthene
Concen: 1.954 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:202 Resp: 120227

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.5	11.3
203	18.2	13.8	20.6

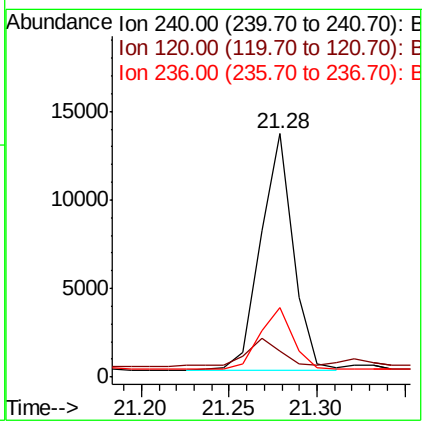


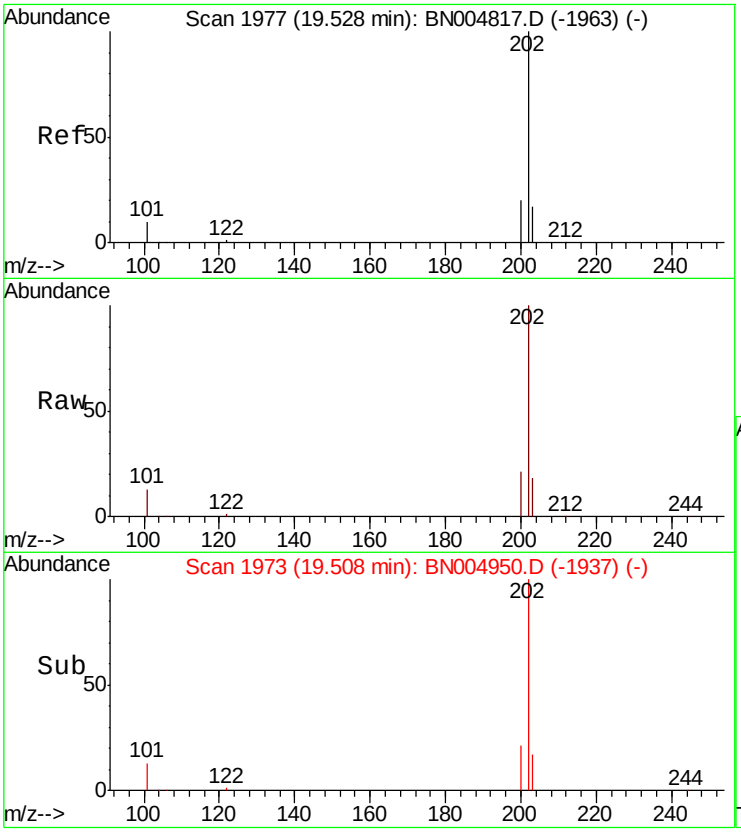


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:240 Resp: 17176

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.2	10.8
236	28.3	20.9	31.3



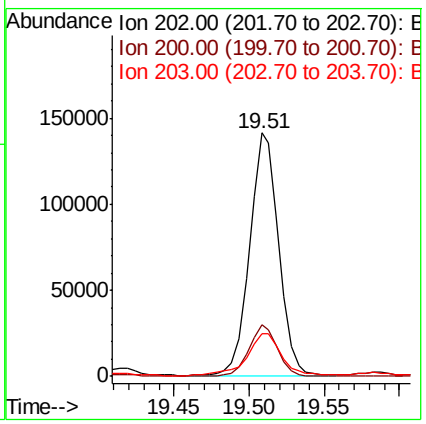


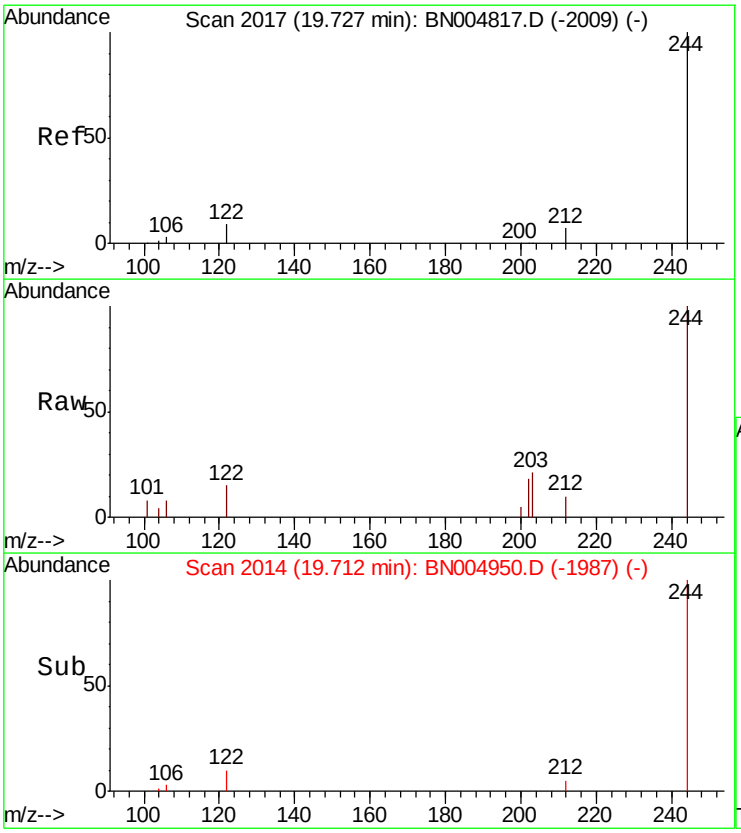
#28
Pyrene
Concen: 3.596 ng
RT: 19.51 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:202 Resp: 188347

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	20.0	14.0	21.0

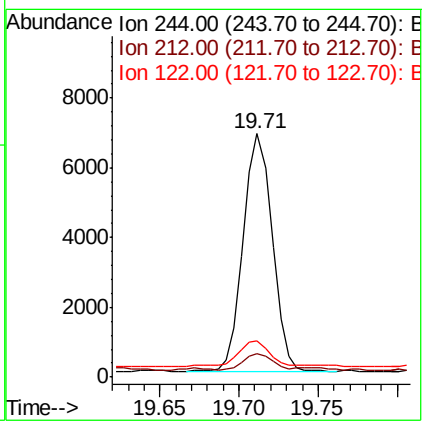


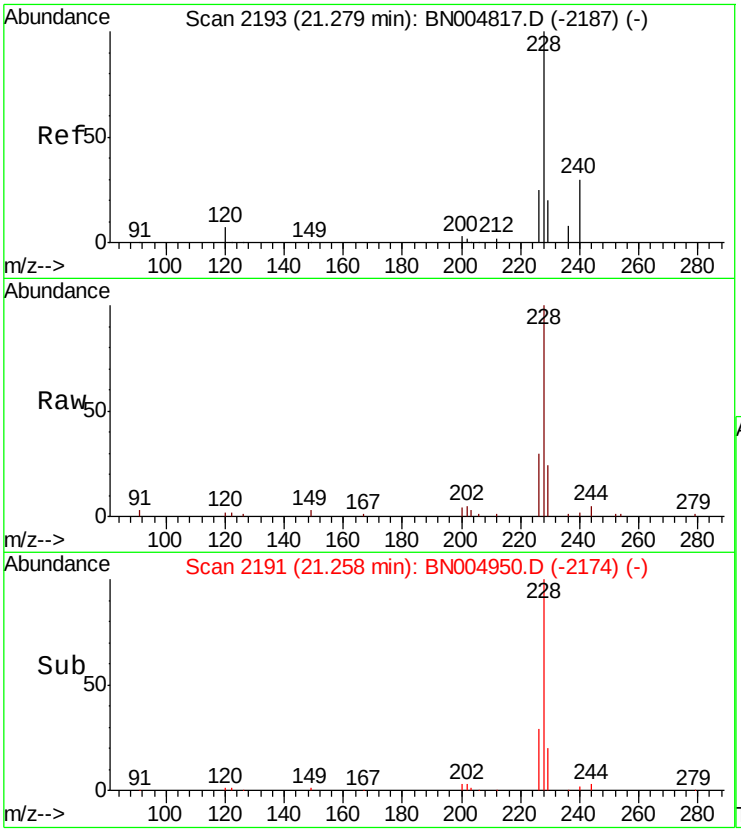


#29
Terphenyl-d14
Concen: 0.245 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:244 Resp: 8617

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.6#
122	14.9	7.9	11.9#



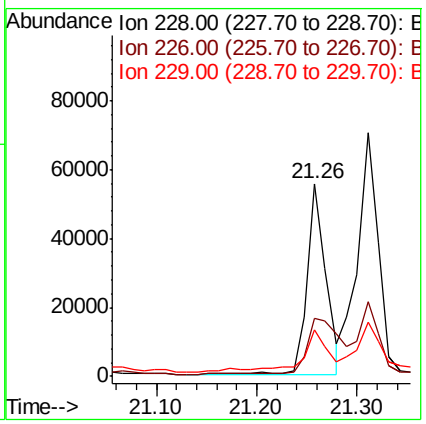


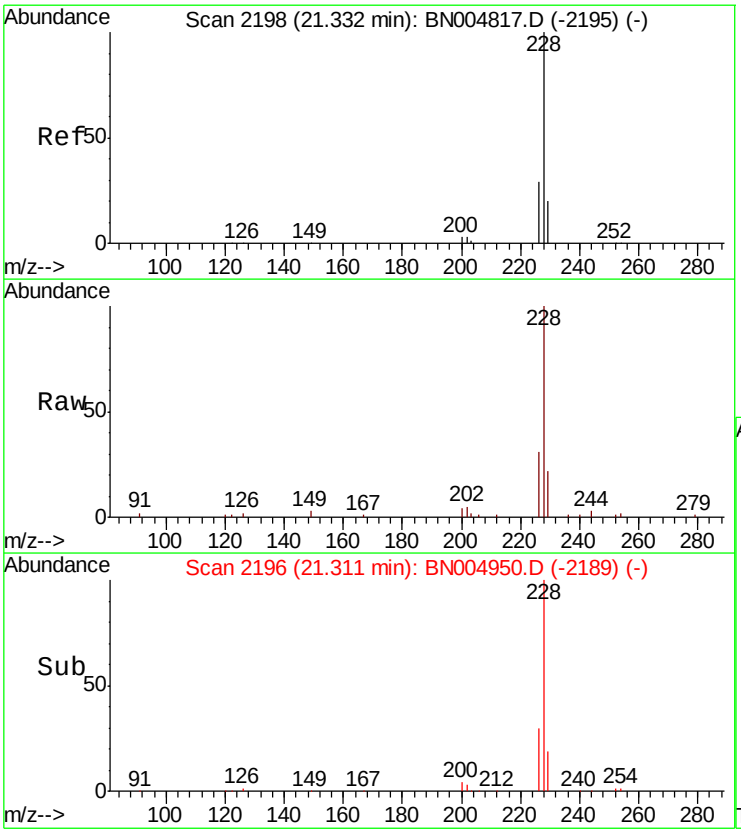
#30
Benzo(a)anthracene
Concen: 1.304 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:228 Resp: 73441

Ion	Ratio	Lower	Upper
228	100		
226	30.1	20.6	31.0
229	23.8	16.2	24.4

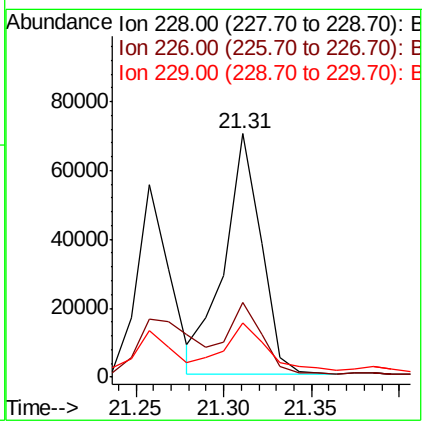


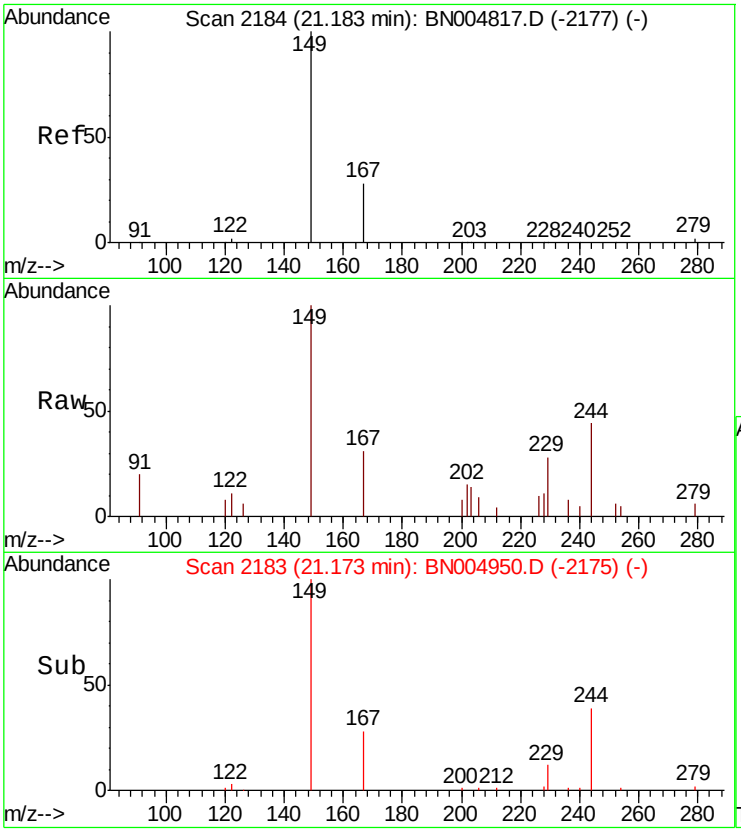


#31
Chrysene
Concen: 1.693 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:228 Resp: 100440

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.6
229	22.3	16.2	24.2



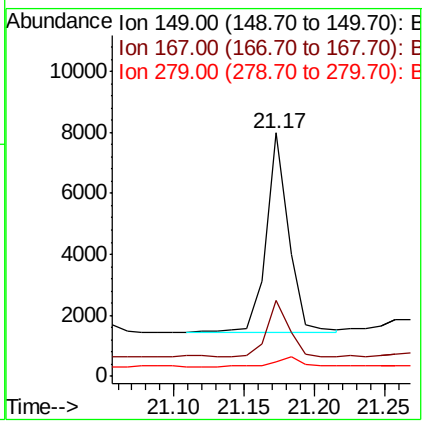


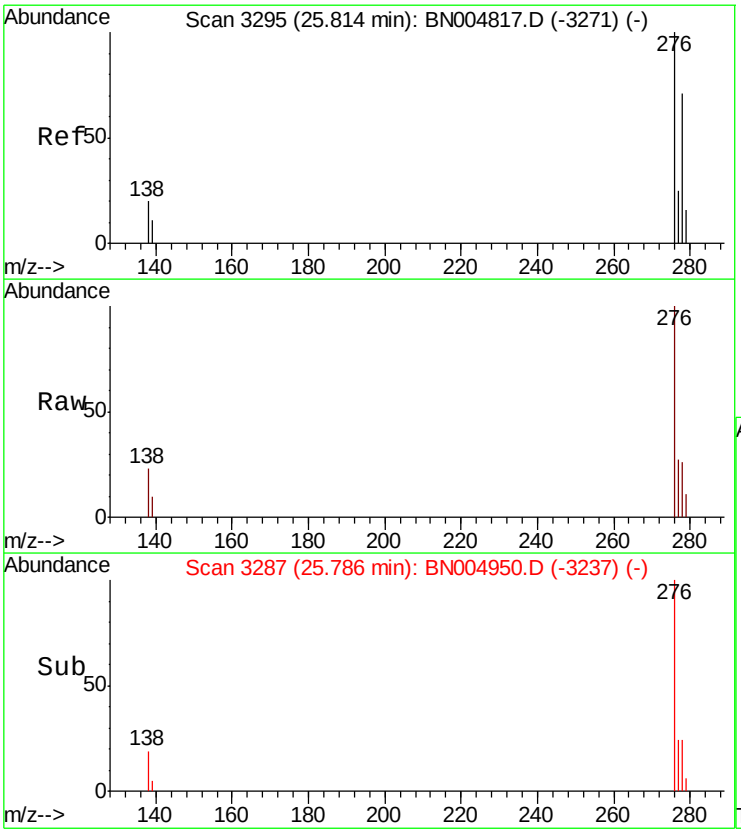
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.323 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:149 Resp: 7269

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	6.2	4.6	6.8

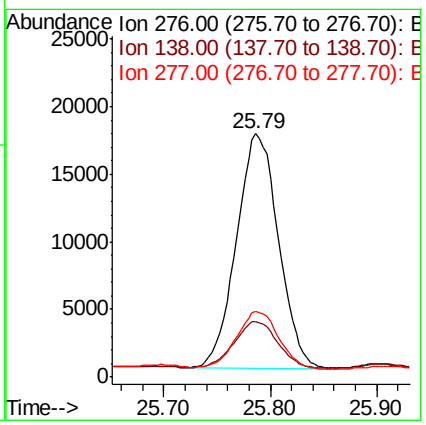


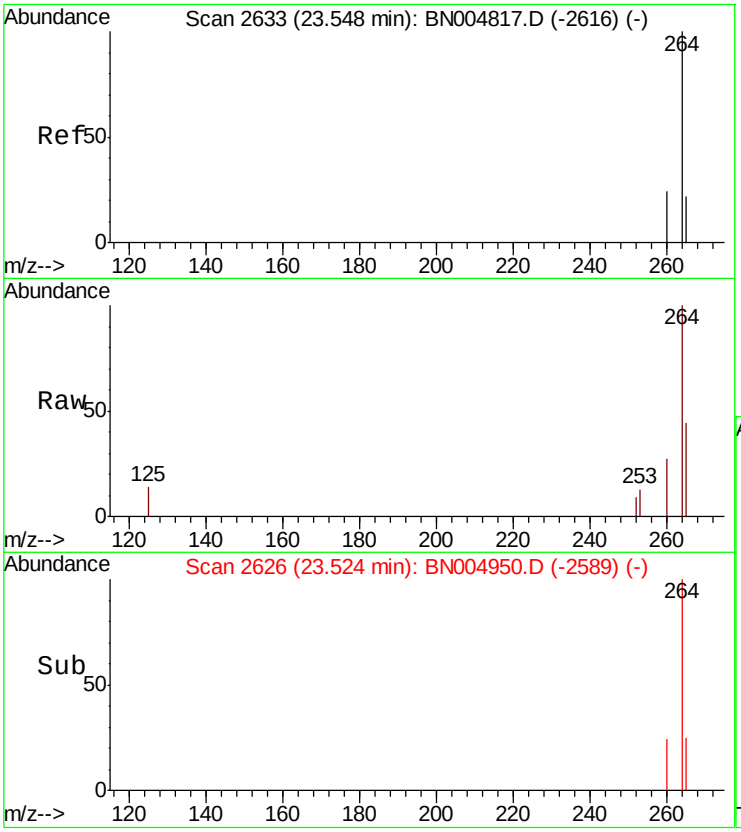


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 25.79 min Scan# 3287
Delta R.T. -0.03 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:276 Resp: 47863

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.6	24.8
277	25.1	20.3	30.5



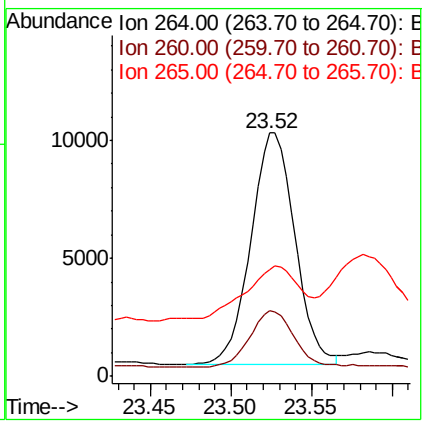


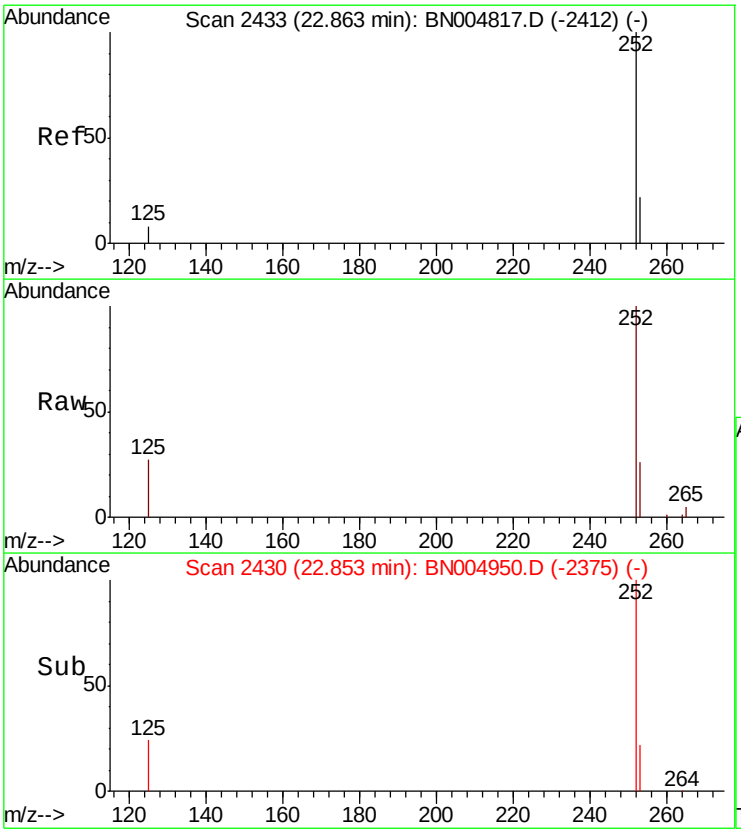
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:264 Resp: 18491

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.5	29.3
265	44.0	23.1	34.7#

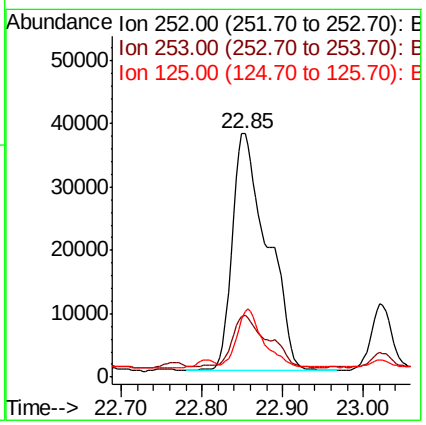


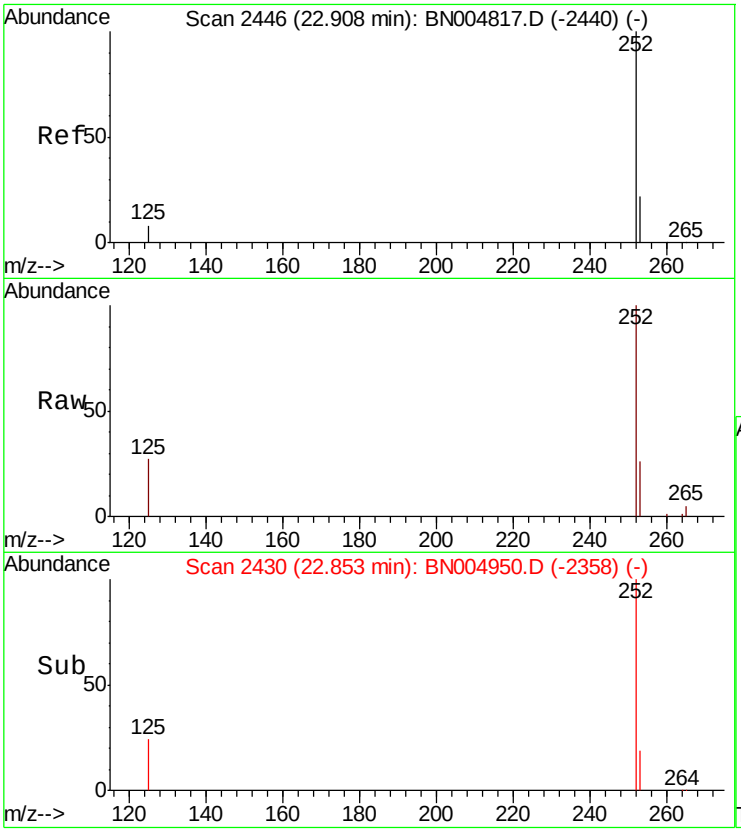


#35
Benzo(b)fluoranthene
Concen: 1.683 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:252 Resp: 112547

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.0	28.4
125	26.9	7.4	11.2#



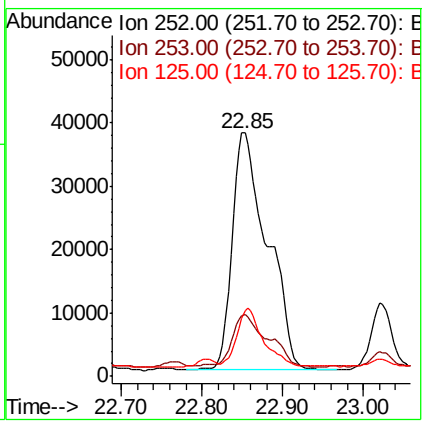


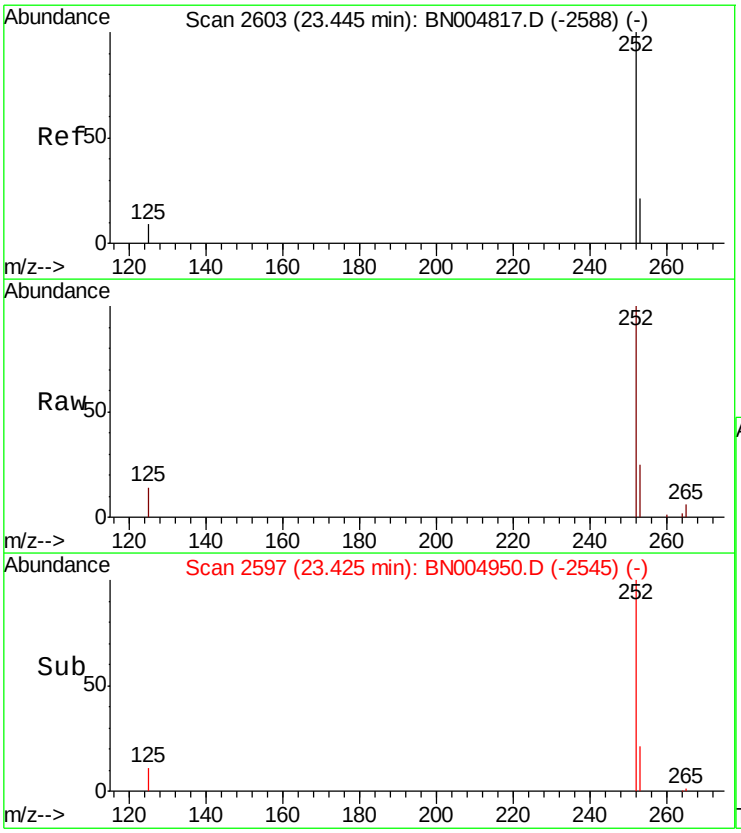
#36
Benzo(k)fluoranthene
Concen: 1.710 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:252 Resp: 112553

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.3	28.9
125	26.9	7.4	11.0#

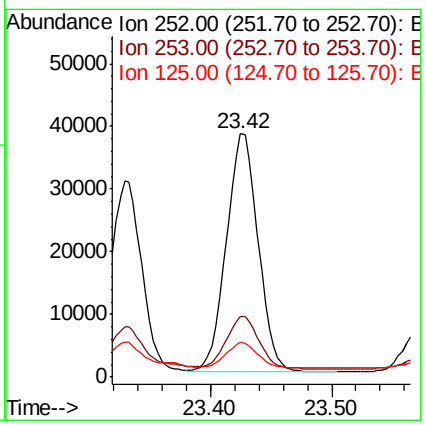


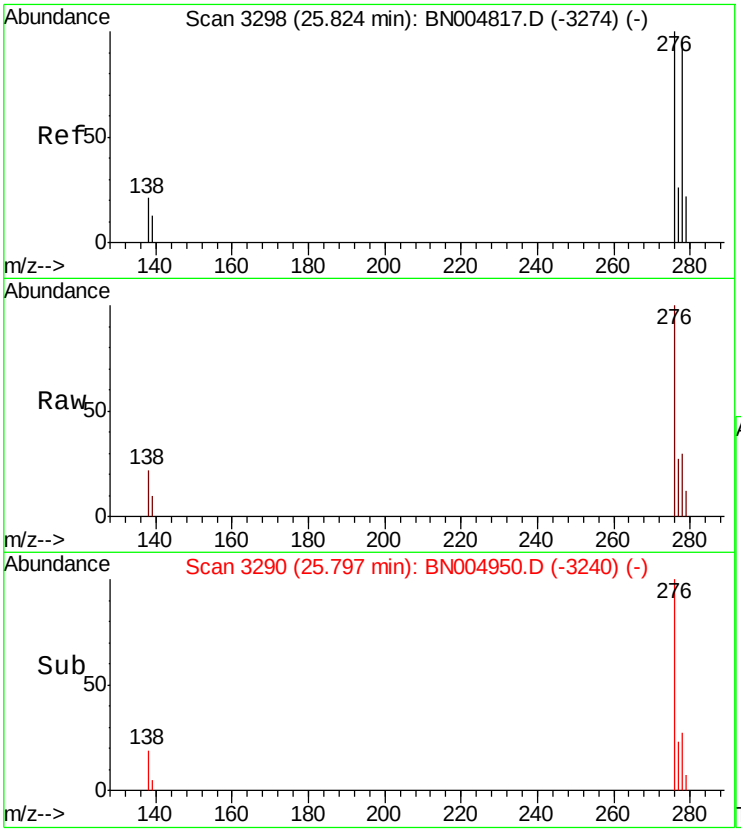


#37
Benzo(a)pyrene
Concen: 1.124 ng
RT: 23.42 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:252 Resp: 68995

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.7	29.5
125	14.1	8.3	12.5#



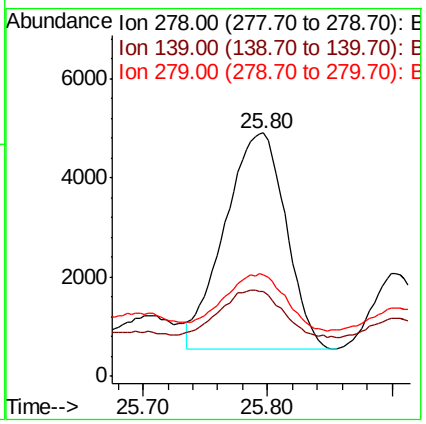


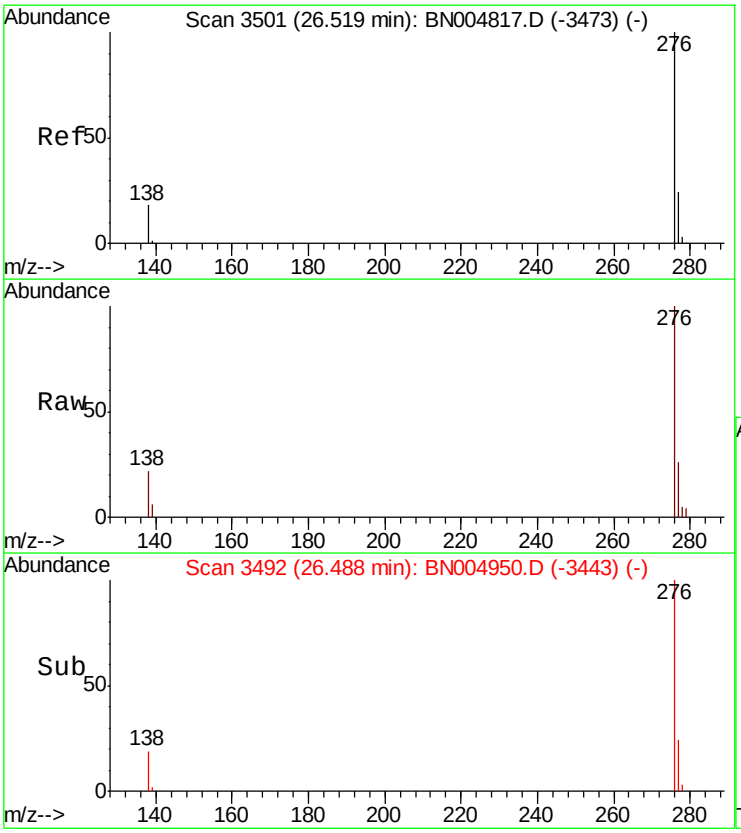
#38
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Instrument :
BNA_N
ClientSampleId :
PST-026-B025-031919

Tgt Ion:278 Resp: 14970

Ion	Ratio	Lower	Upper
278	100		
139	35.1	11.7	17.5#
279	41.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.758 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004950.D
Acq: 24 Mar 2019 21:43

Tgt Ion:276 Resp: 54868

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.7	29.5
138	22.3	14.6	22.0#