Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004960.D
Acq On : 25 Mar 2019 14:46
Operator : JU/SJ
Sample : K1948-14RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-025-SW046-031319

Quant Time: Mar 26 01:17:39 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	3633	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	14122	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	6801	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	13856	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	16175	0.40	ng		-0.01
34) Perylene-d12	23.53	264	17833	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3830	0.39	ng		0.00
5) Phenol-d6	6.86	99	4696	0.38	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3680	0.39	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7757	0.31	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	1357	0.29	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	10193	0.36	ng		-0.02
25) Fluoranthene-d10	19.12	212	13969	0.30	ng		-0.01
29) Terphenyl-d14	19.72	244	8778	0.27	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.05	152	1335	0.038	ng		94
23) Phenanthrene	17.12	178	8235	0.184	ng		98
24) Anthracene	17.22	178	1746	0.044	ng		98
26) Fluoranthene	19.15	202	15328	0.267	ng	#	97
28) Pyrene	19.51	202	14917	0.302	ng	#	96
30) Benzo(a)anthracene	21.27	228	8312	0.157	ng	#	86
31) Chrysene	21.31	228	8598	0.154	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.17	149	9558	0.451	ng		98
33) Indeno(1,2,3-cd)pyrene	25.80	276	7206	0.089	ng		96
35) Benzo(b)fluoranthene	22.86	252	12707	0.197	ng	#	62
36) Benzo(k)fluoranthene	22.86	252	12707	0.200	ng	#	63
37) Benzo(a)pyrene	23.43	252	8225	0.139	ng	#	68
38) Dibenzo(a,h)anthracene	25.80	278	2290	0.033	ng	#	2
39) Benzo(g,h,i)perylene	26.50	276	7472	0.107	ng	#	81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
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PST-025-SW046-031319

Quant Time: Mar 26 01:17:39 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
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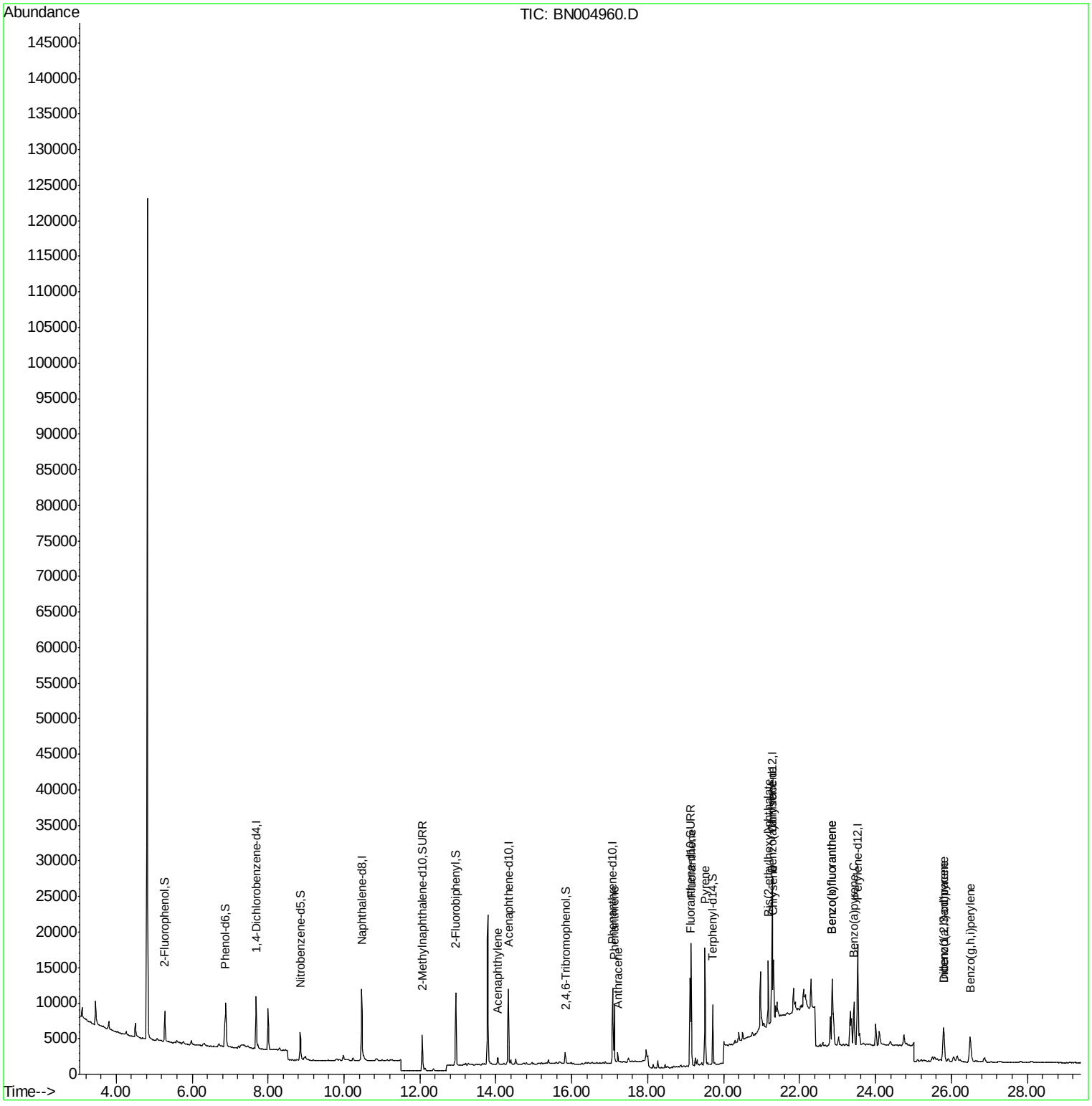
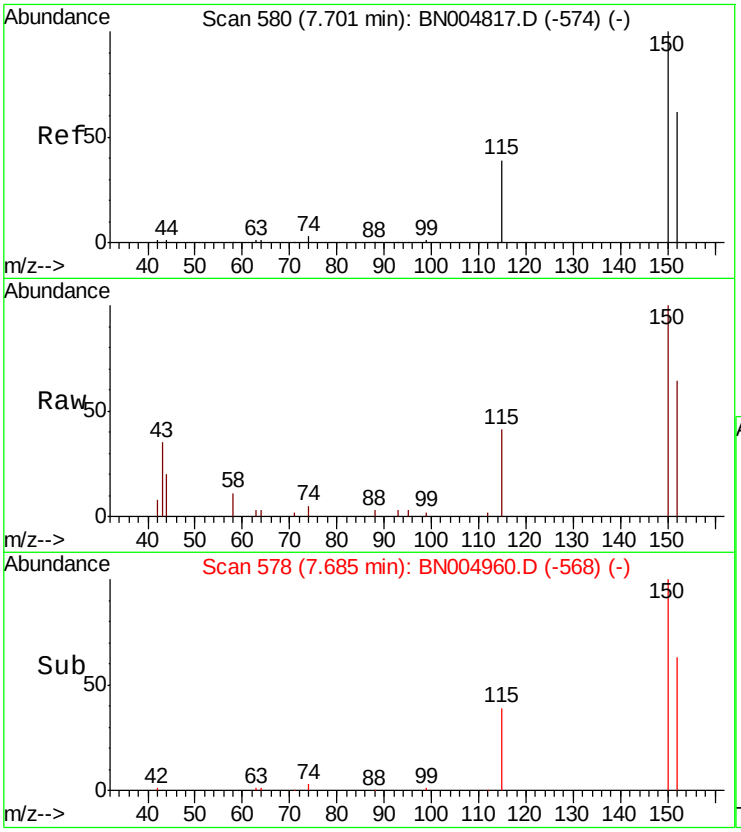


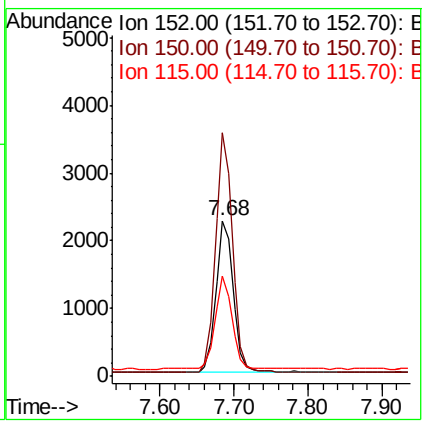


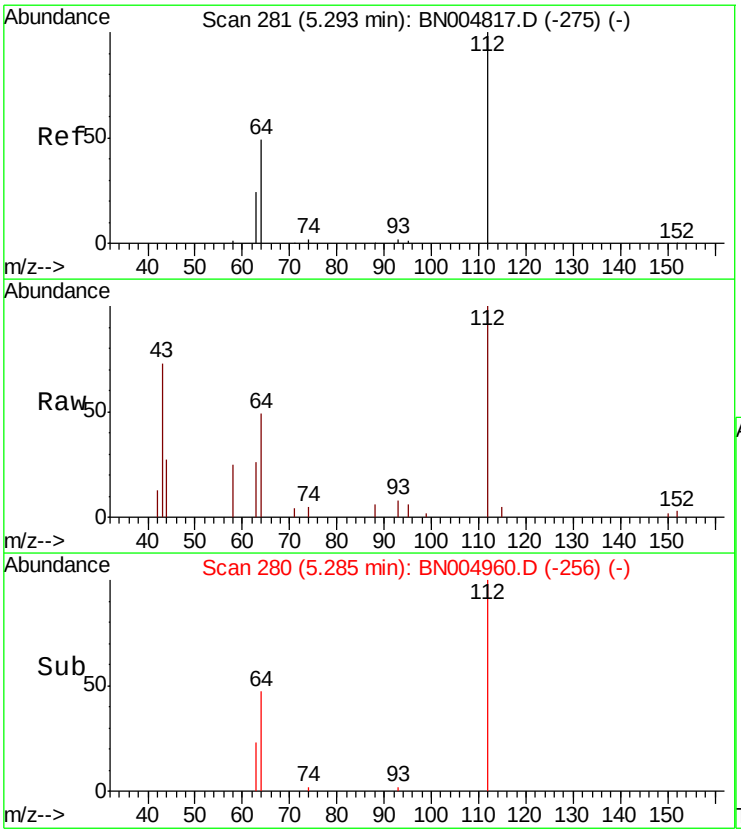
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:152 Resp: 3633

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.4
115	64.4	52.6	79.0

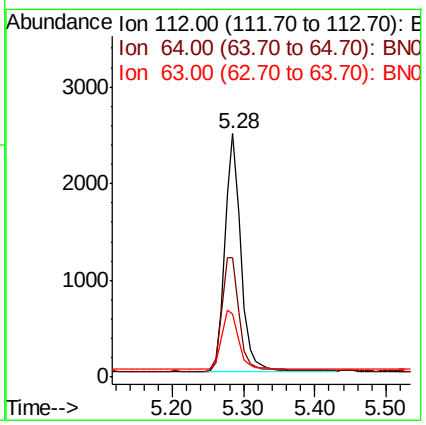


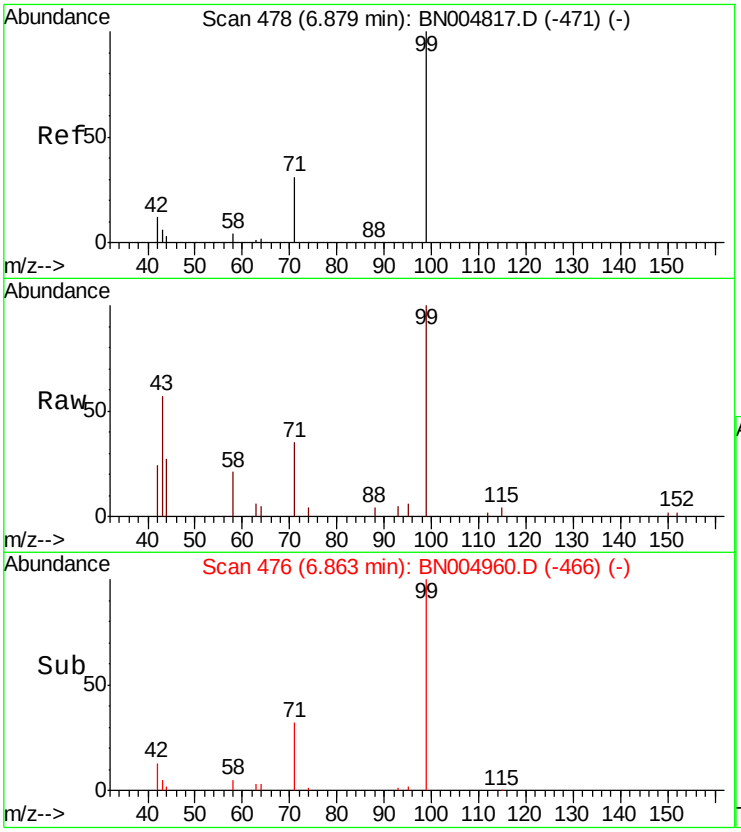


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:112 Resp: 3830

Ion	Ratio	Lower	Upper
112	100		
64	52.8	40.0	60.0
63	26.3	20.2	30.2



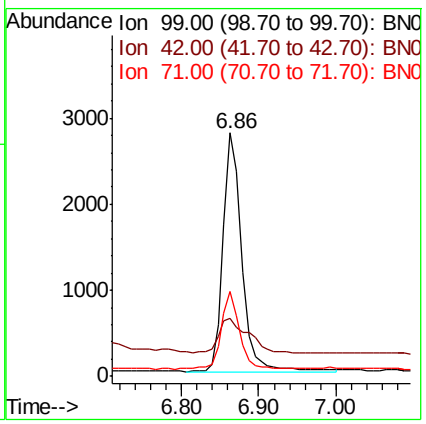


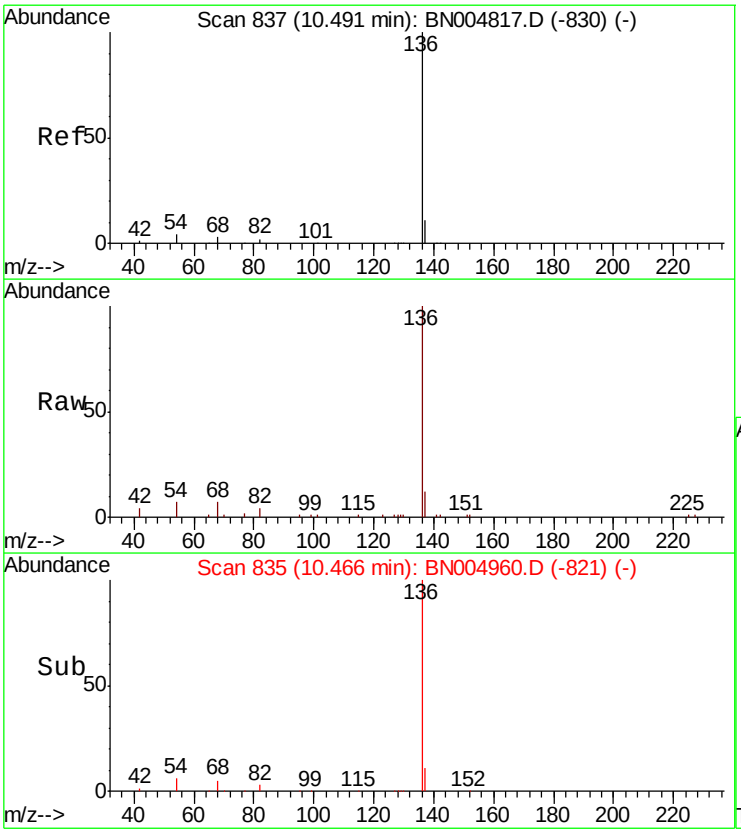
#5
Phenol-d6
Concen: 0.382 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion: 99 Resp: 4696

Ion	Ratio	Lower	Upper
99	100		
42	22.4	12.7	19.1#
71	31.8	26.6	40.0

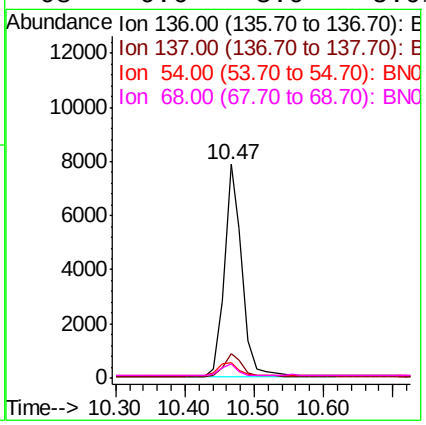


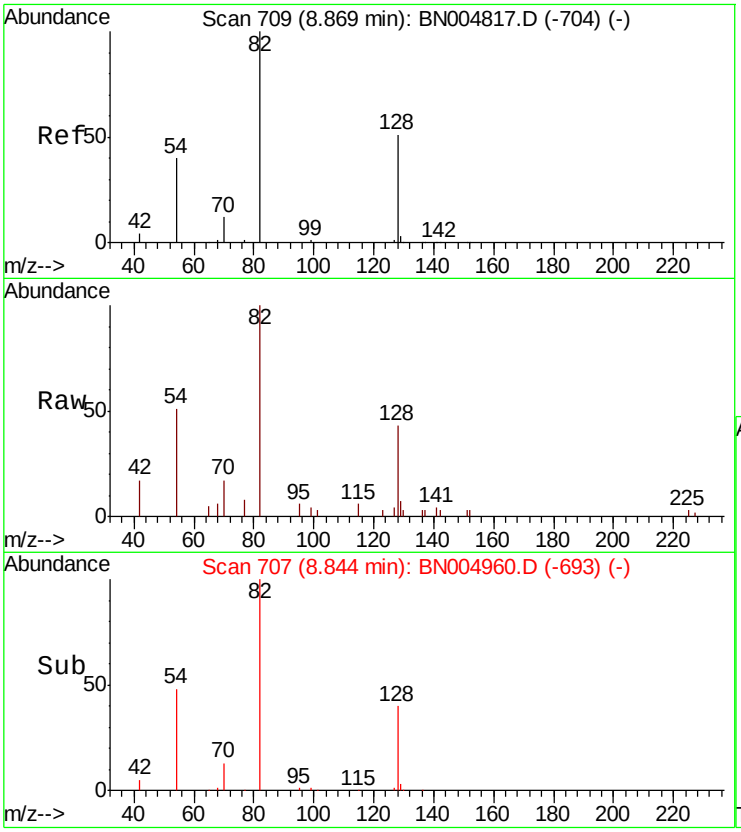


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:136 Resp: 14122

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.4	4.2	6.2#
68	6.6	3.9	5.9#



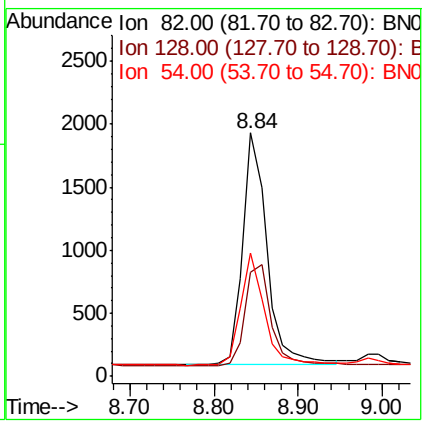


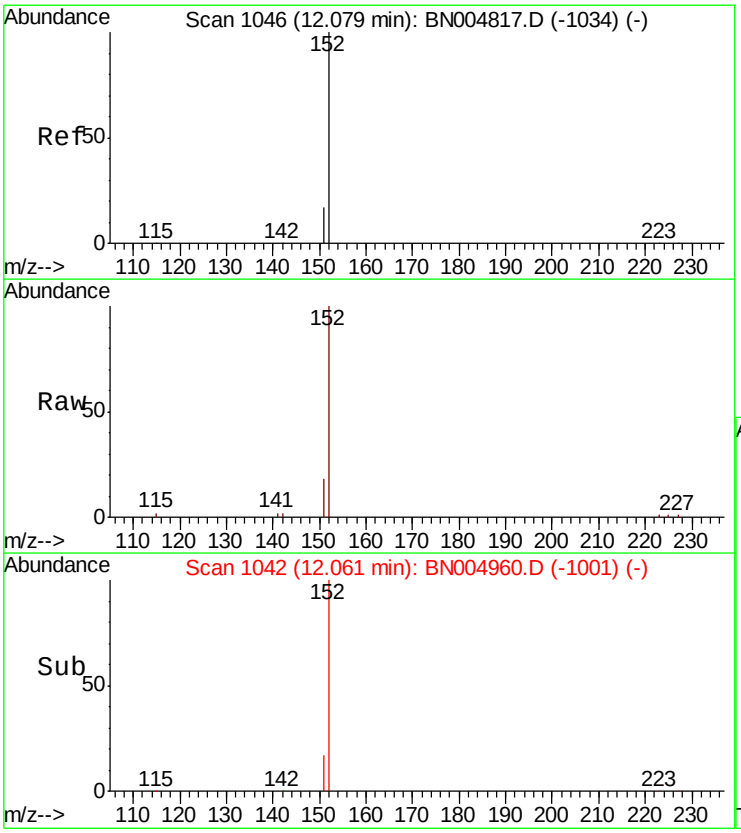
#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion: 82 Resp: 3680

Ion	Ratio	Lower	Upper
82	100		
128	42.9	43.0	64.6#
54	50.8	35.3	52.9

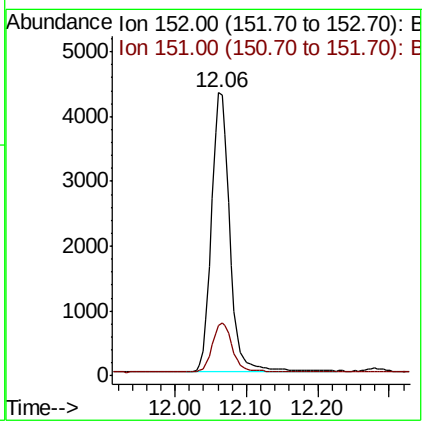


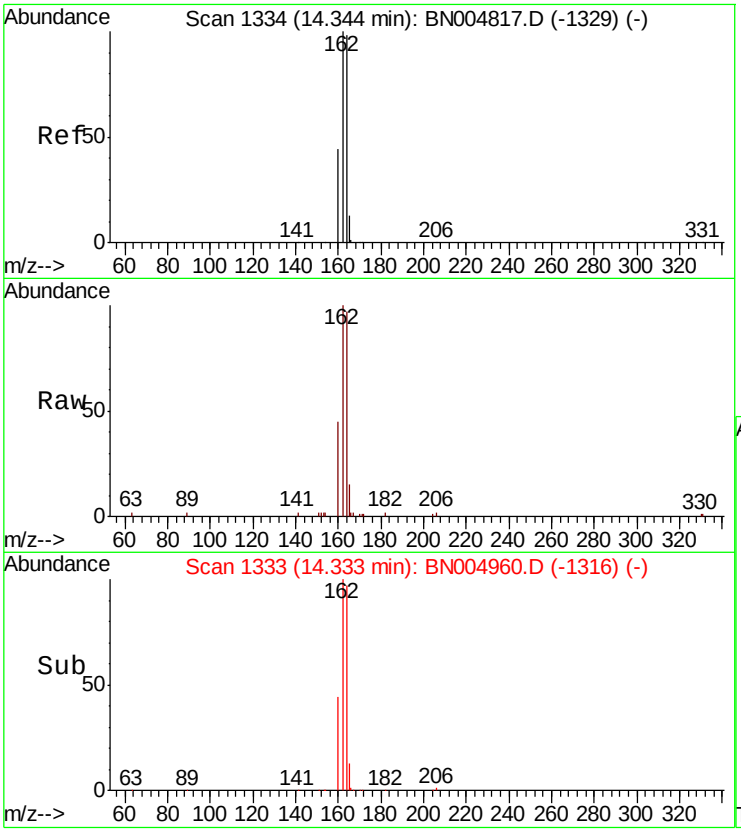


#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:152 Resp: 7757

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



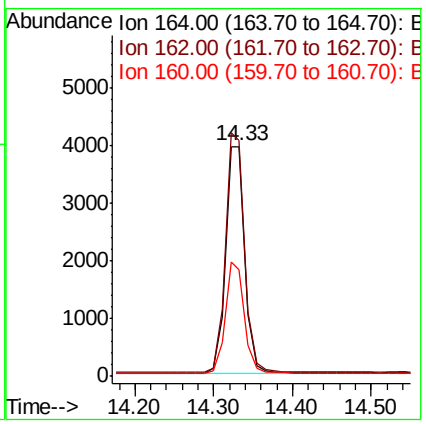


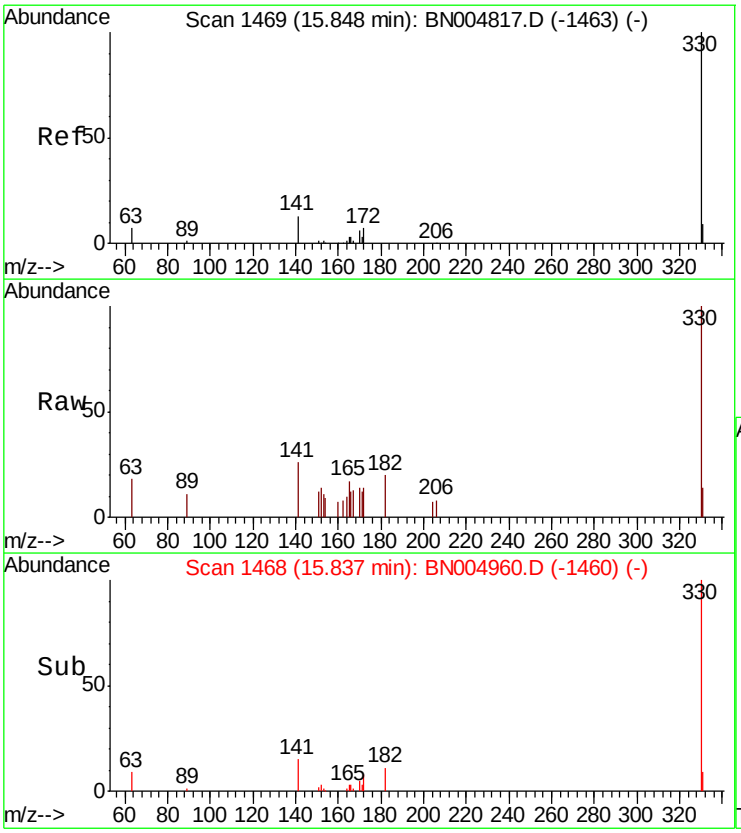
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:164 Resp: 6801

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.9	122.9
160	46.3	36.6	54.8

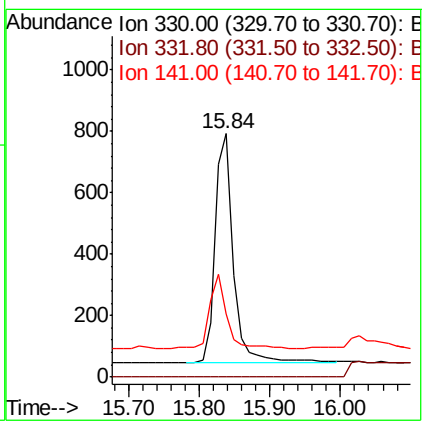


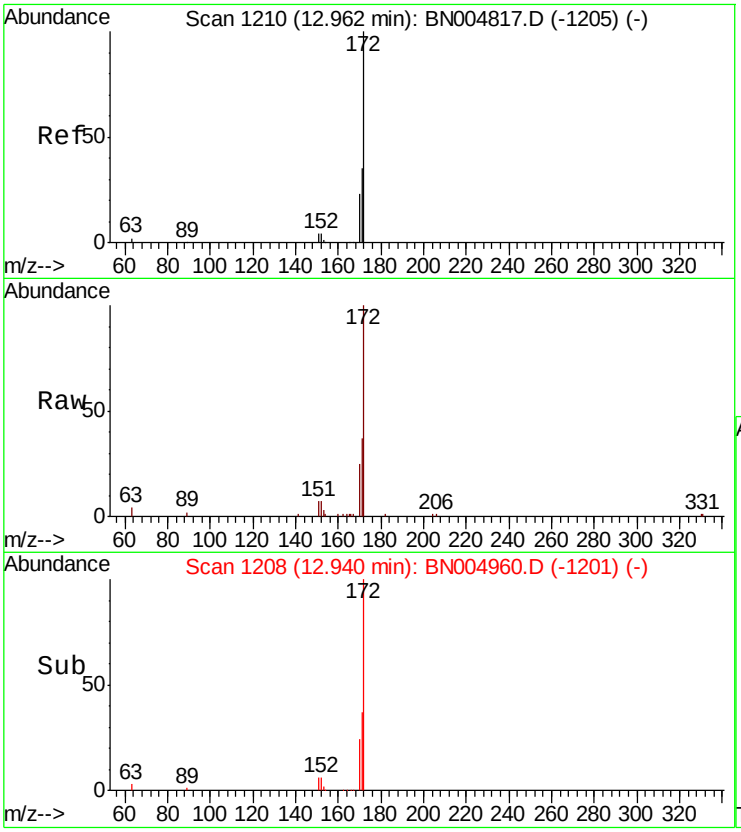


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:330 Resp: 1357

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.2	20.9	31.3



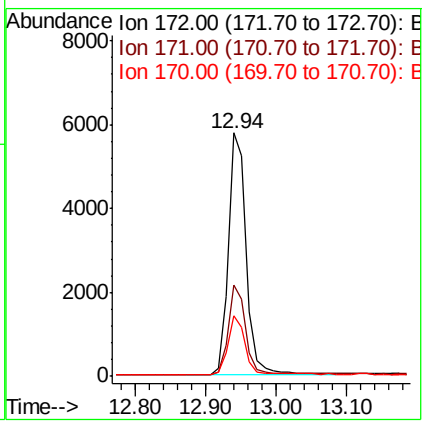


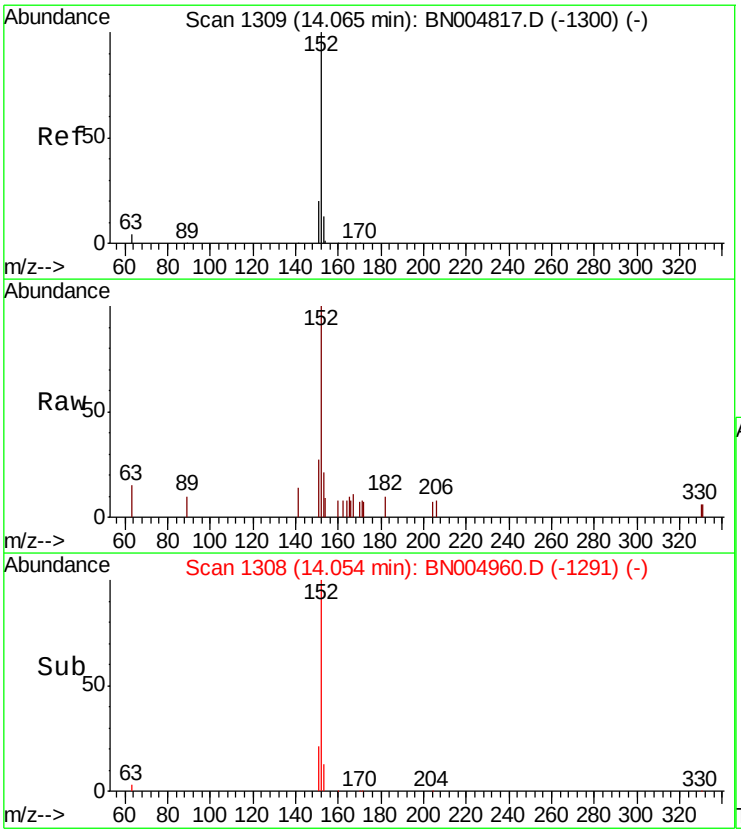
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:172 Resp: 10193

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.9	18.7	28.1

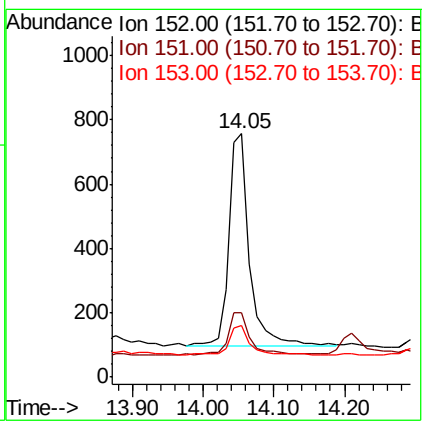


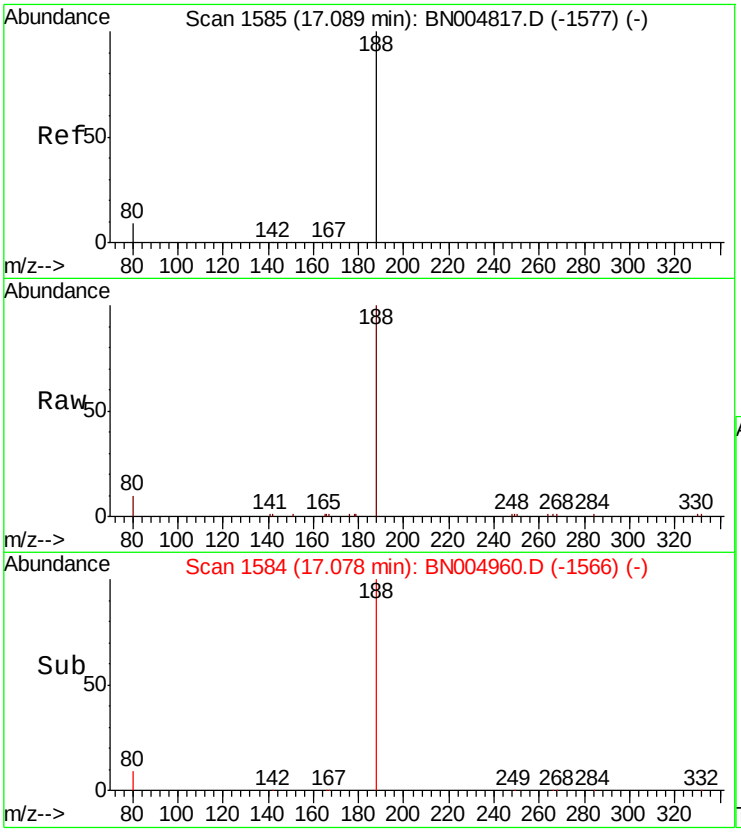


#16
Acenaphthylene
Concen: 0.038 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:152 Resp: 1335

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.1	24.1
153	14.9	10.5	15.7



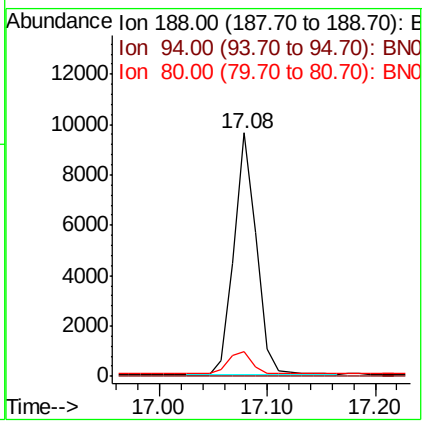


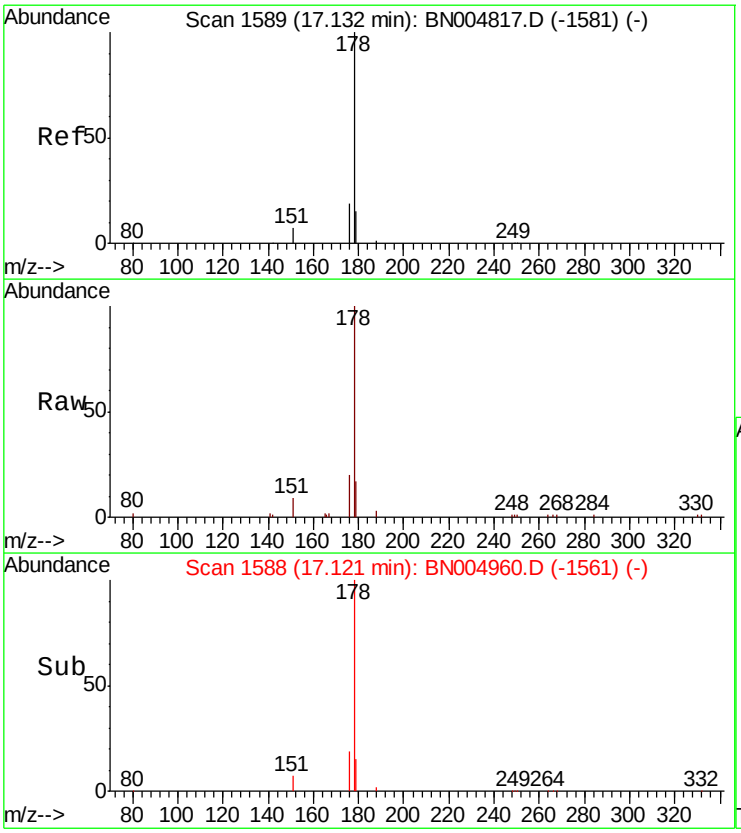
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:188 Resp: 13856

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.4	11.2

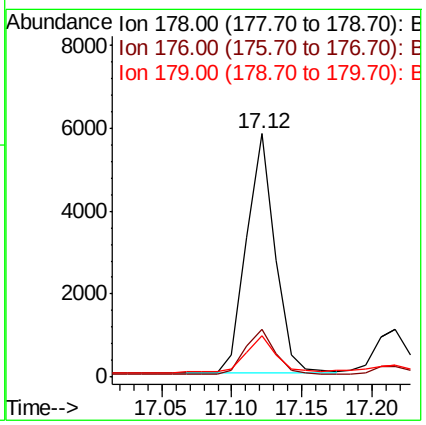


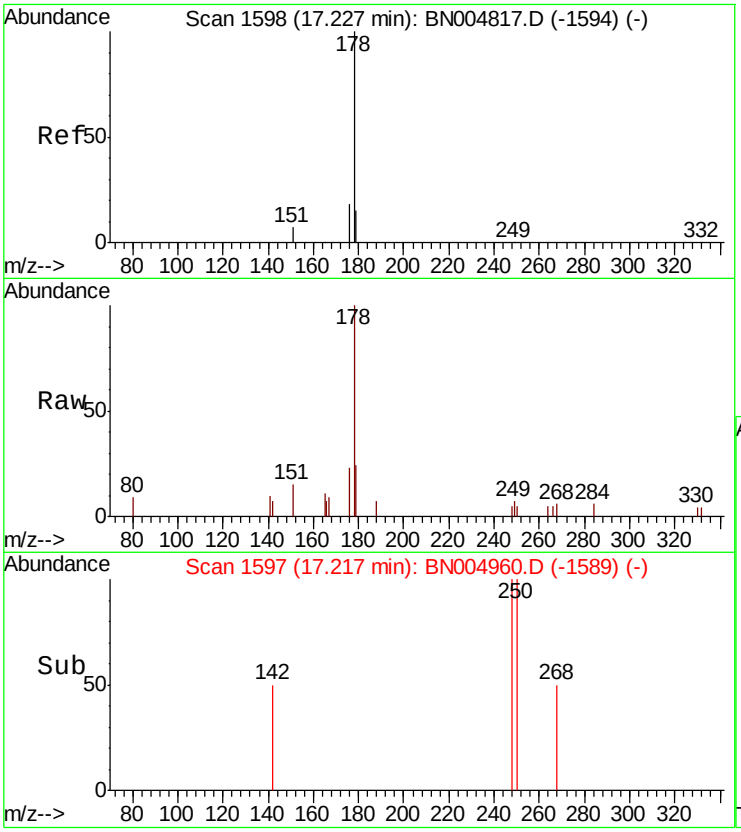


#23
Phenanthrene
Concen: 0.184 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:178 Resp: 8235

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	16.3	12.1	18.1



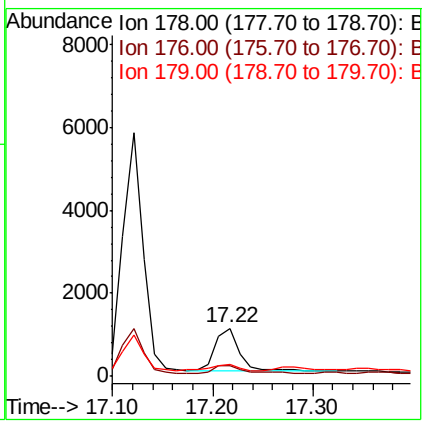


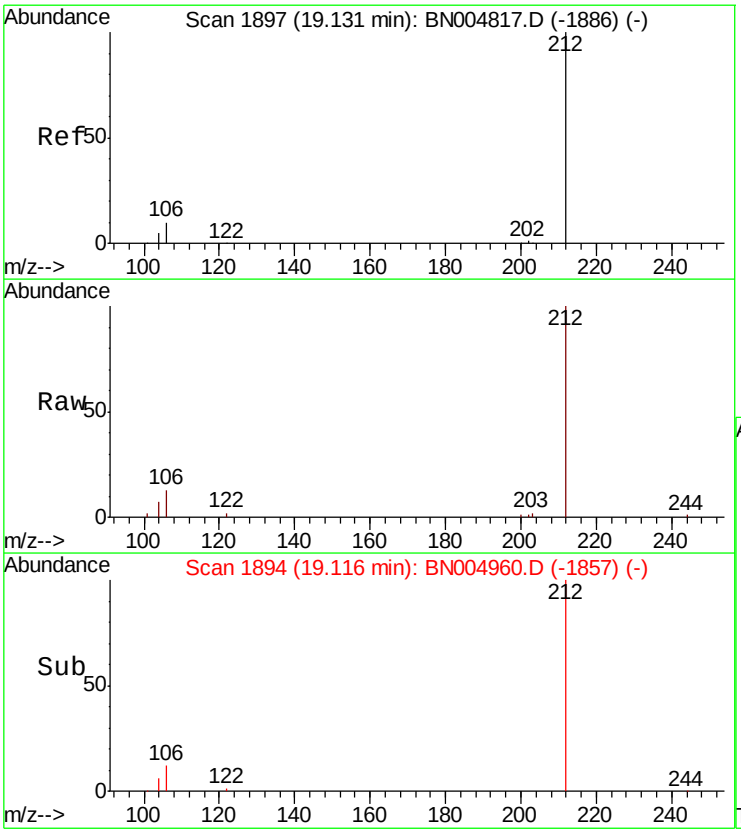
#24
Anthracene
Concen: 0.044 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:178 Resp: 1746

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.5	21.7
179	16.4	12.2	18.4

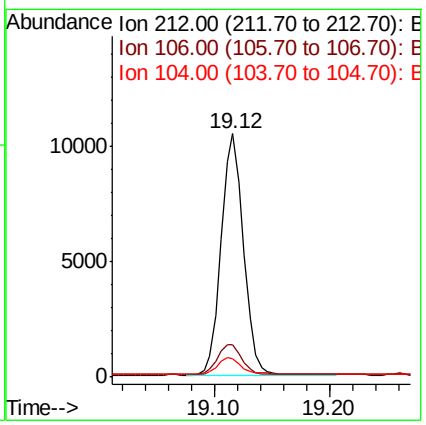


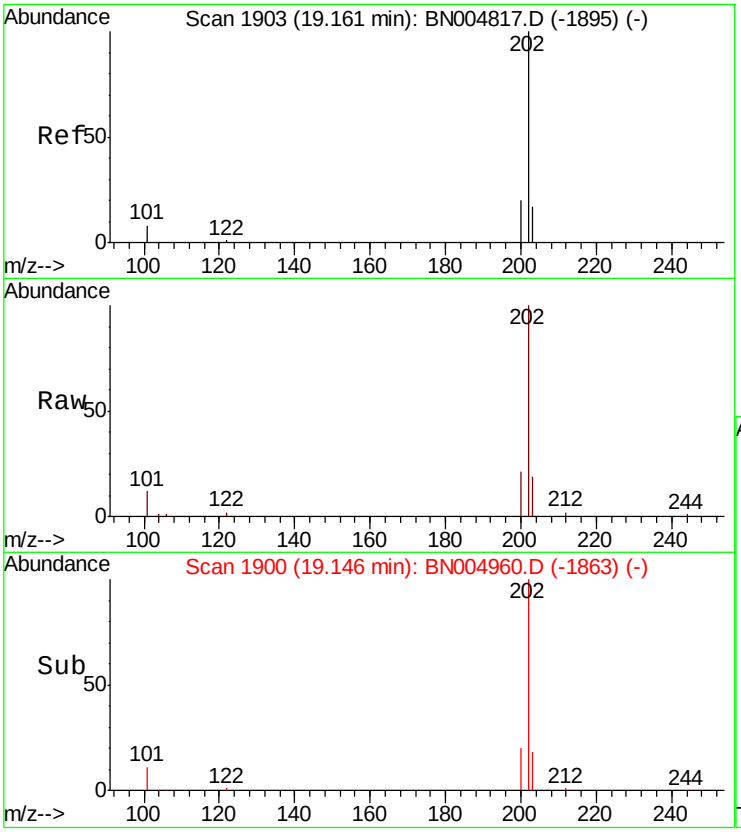


#25
Fluoranthene-d10
Concen: 0.301 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:212 Resp: 13969

Ion	Ratio	Lower	Upper
212	100		
106	12.7	8.6	13.0
104	7.4	4.7	7.1#



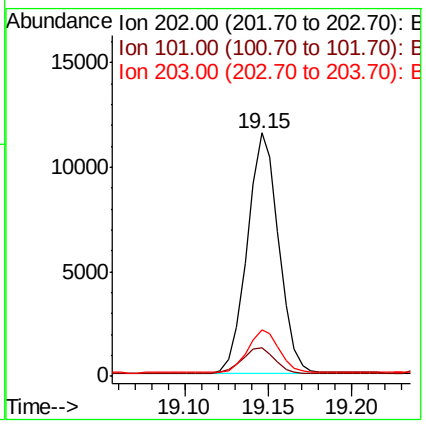


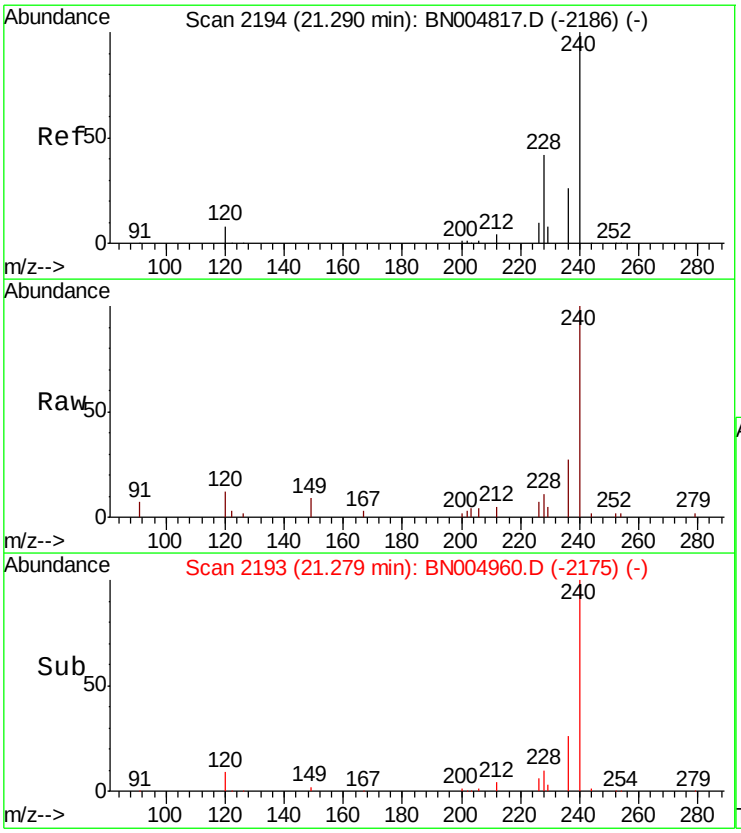
#26
Fluoranthene
Concen: 0.267 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:202 Resp: 15328

Ion	Ratio	Lower	Upper
202	100		
101	11.9	7.5	11.3#
203	17.5	13.8	20.6

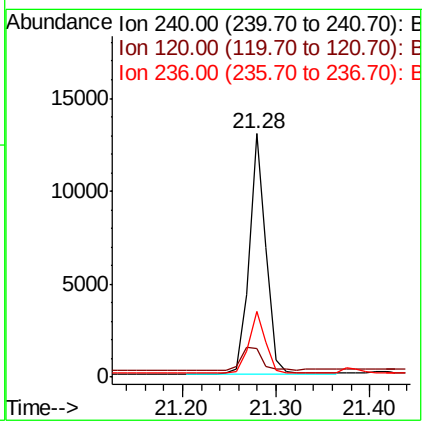


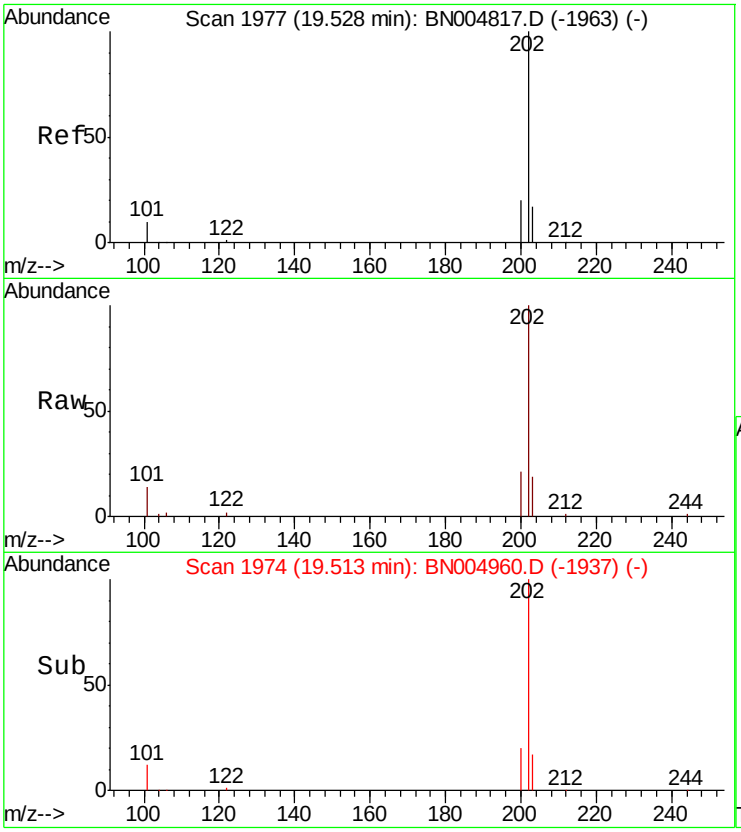


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:240 Resp: 16175

Ion	Ratio	Lower	Upper
240	100		
120	11.6	7.2	10.8#
236	27.1	20.9	31.3



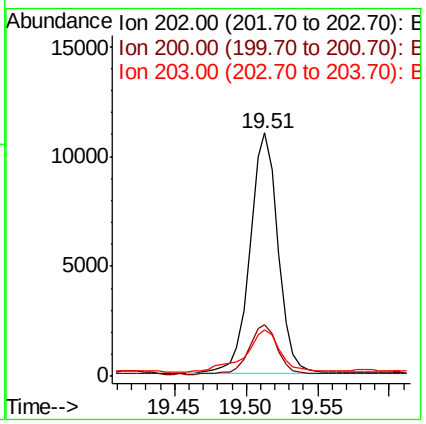


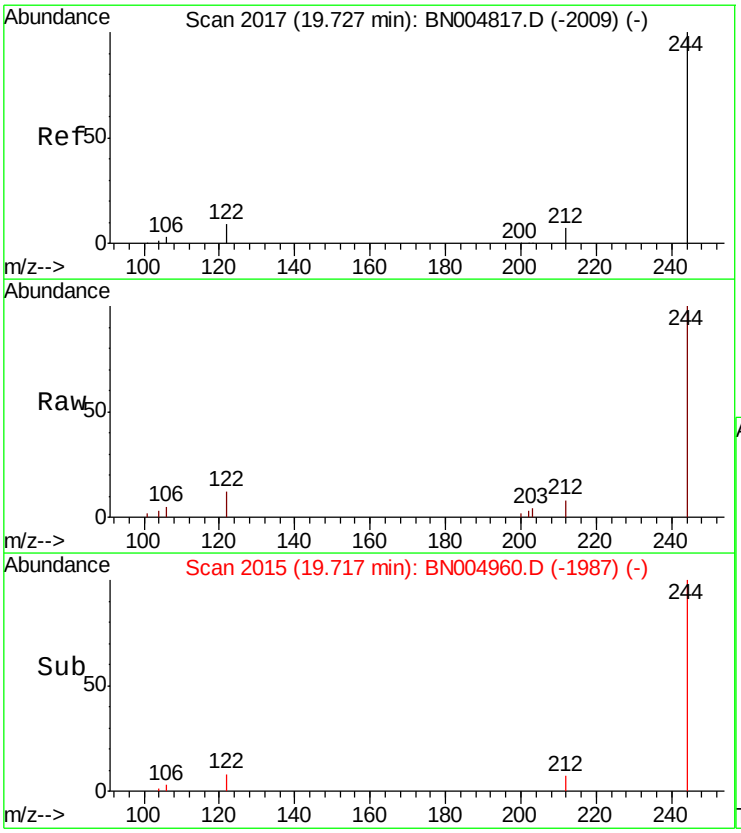
#28
Pyrene
Concen: 0.302 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:202 Resp: 14917

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	21.2	14.0	21.0#

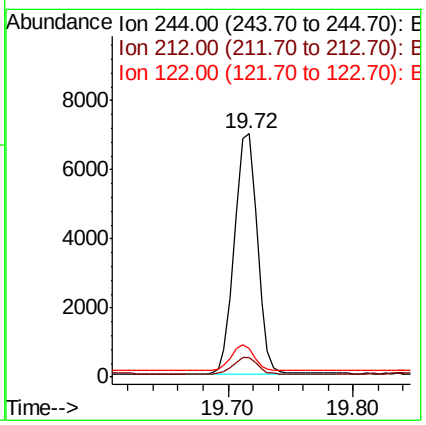


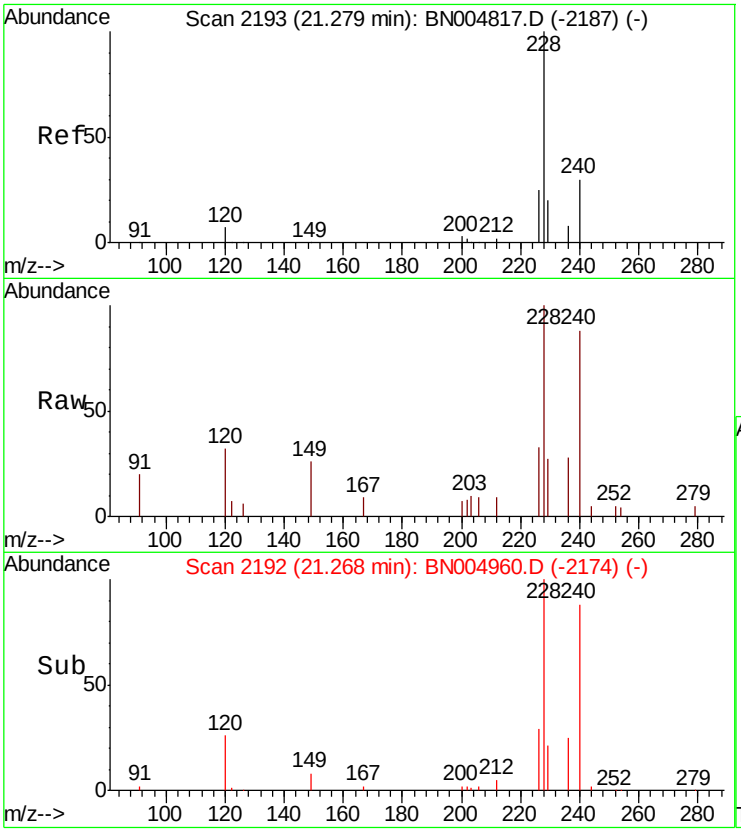


#29
Terphenyl-d14
Concen: 0.265 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:244 Resp: 8778

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	11.7	7.9	11.9



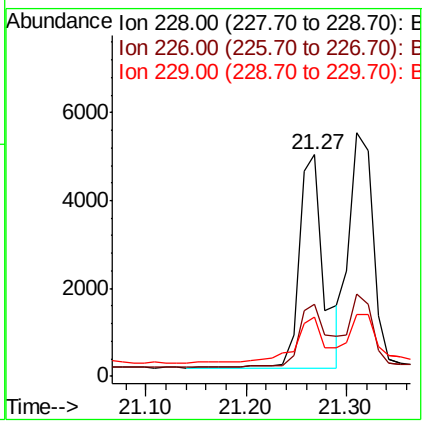


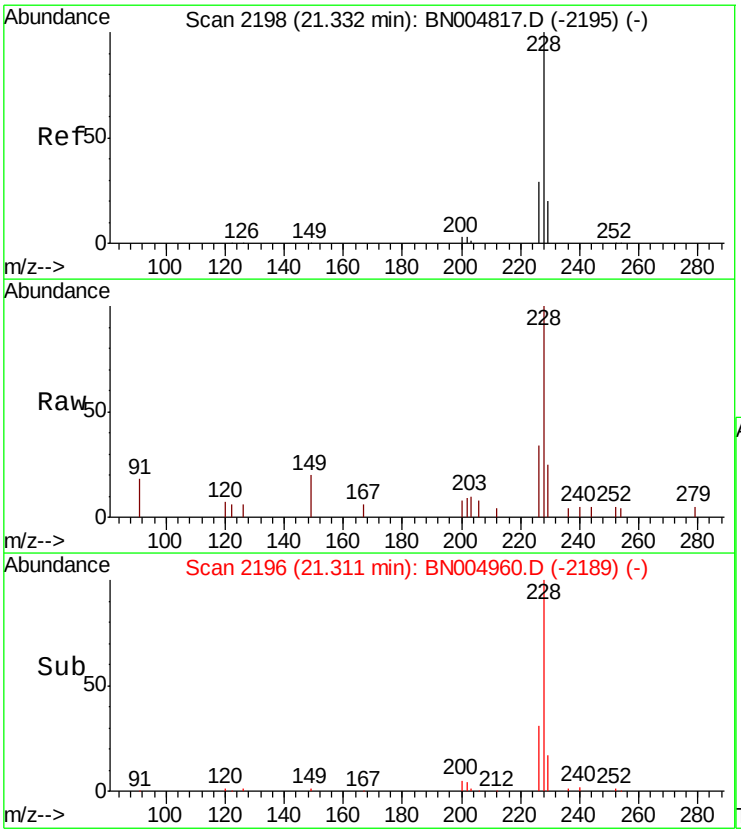
#30
Benzo(a)anthracene
Concen: 0.157 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:228 Resp: 8312

Ion	Ratio	Lower	Upper
228	100		
226	32.7	20.6	31.0#
229	26.8	16.2	24.4#

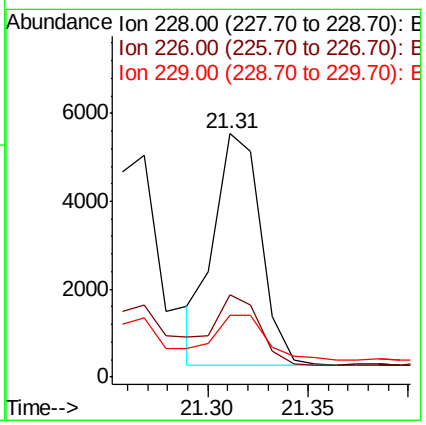


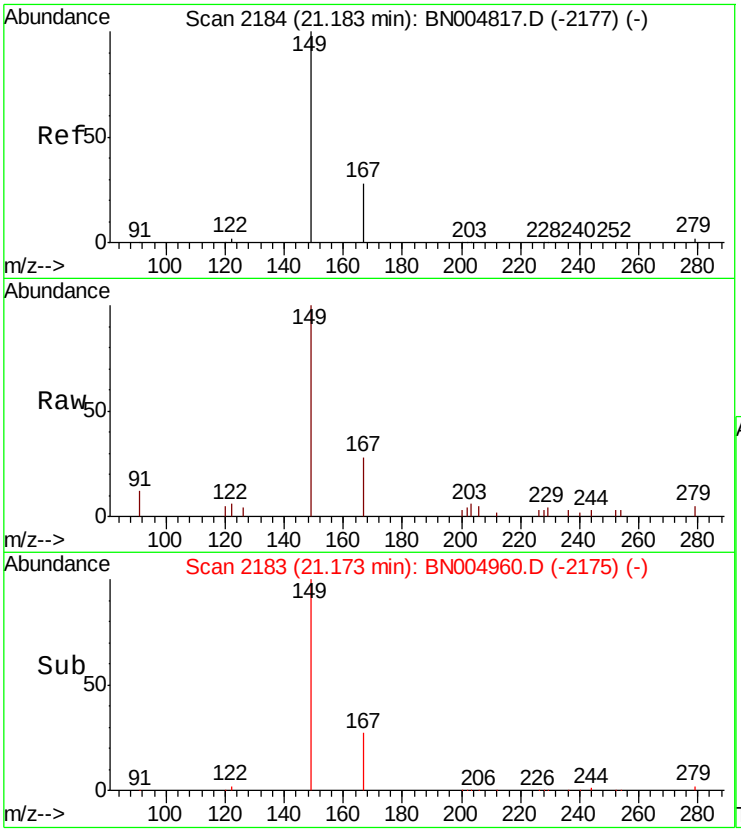


#31
Chrysene
Concen: 0.154 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:228 Resp: 8598

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.0	34.6
229	25.5	16.2	24.2#



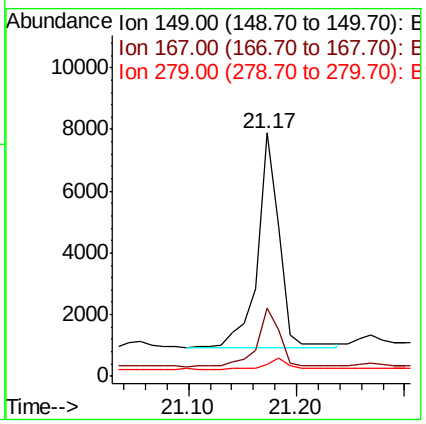


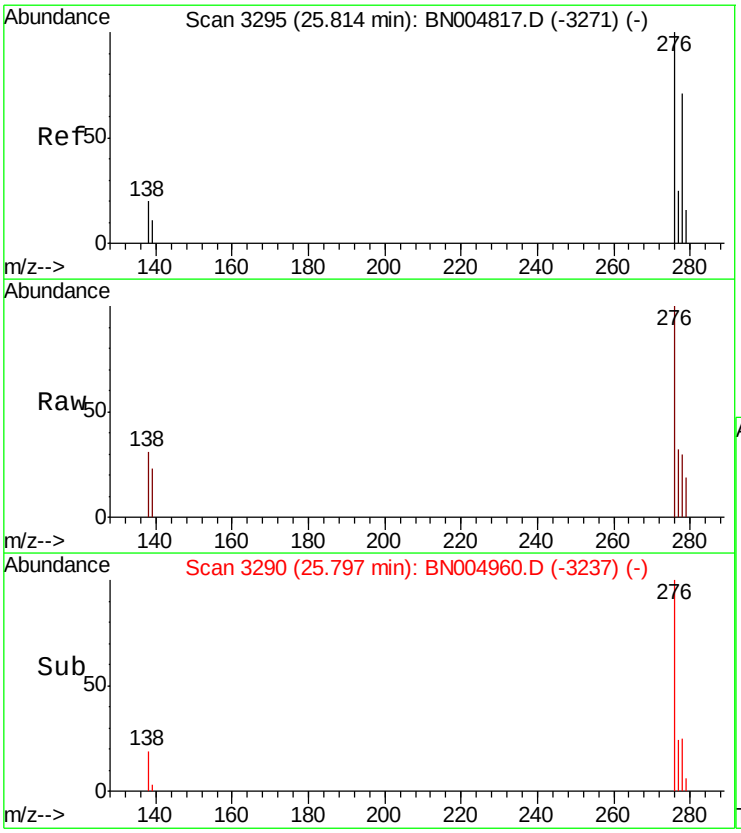
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.451 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:149 Resp: 9558

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	5.3	4.6	6.8

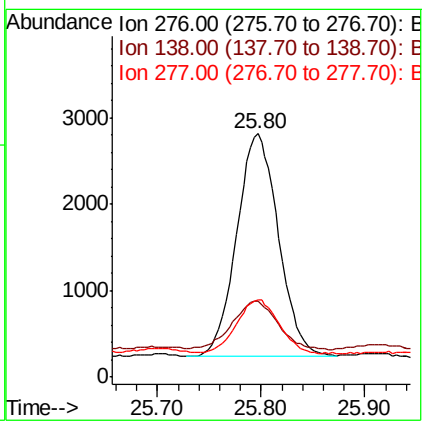


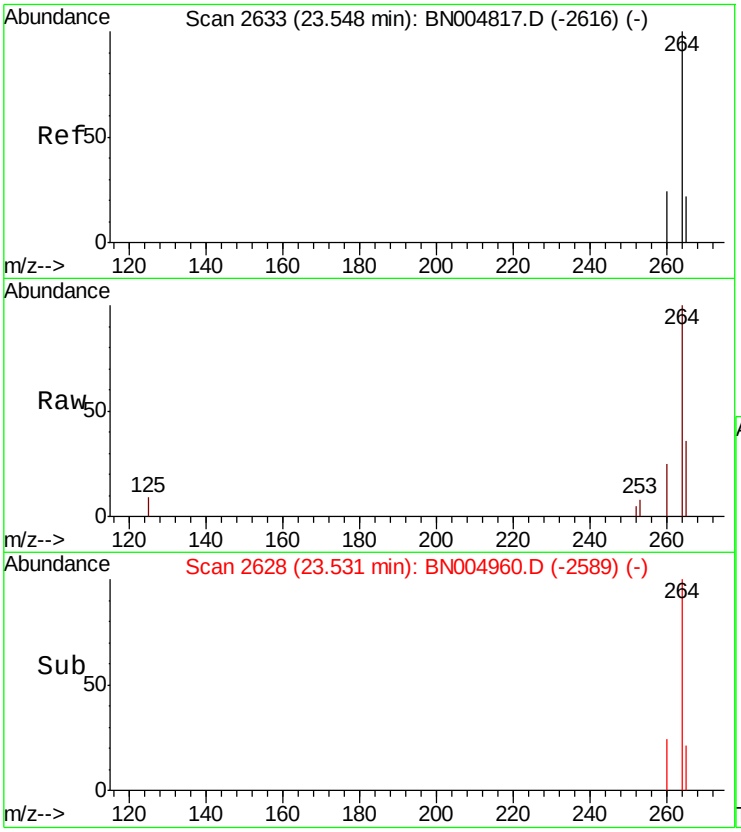


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:276 Resp: 7206

Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.6	24.8
277	24.4	20.3	30.5



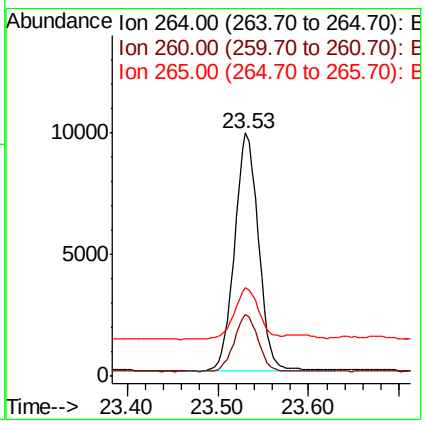


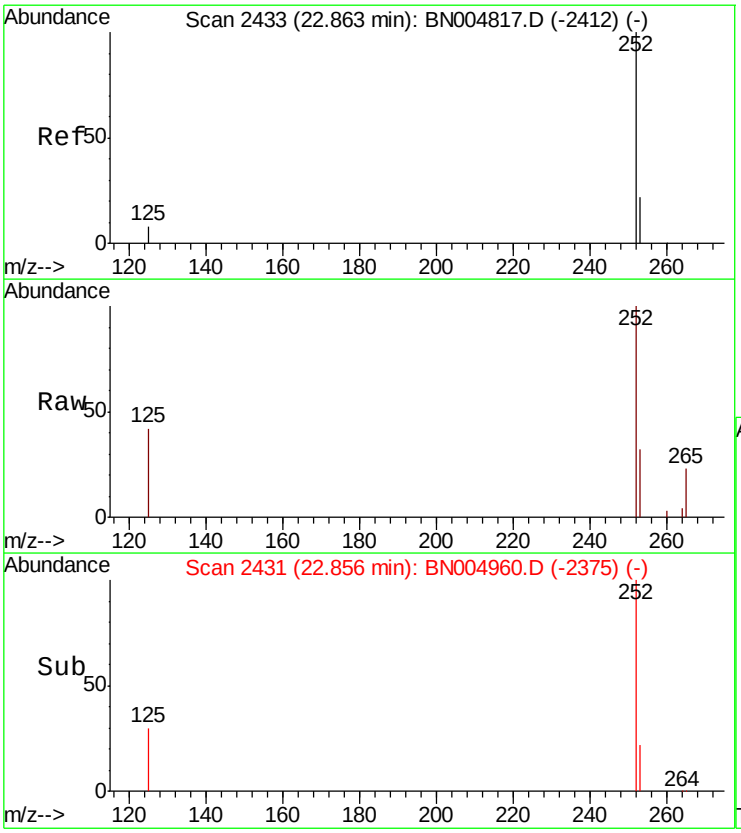
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:264 Resp: 17833

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	36.2	23.1	34.7#

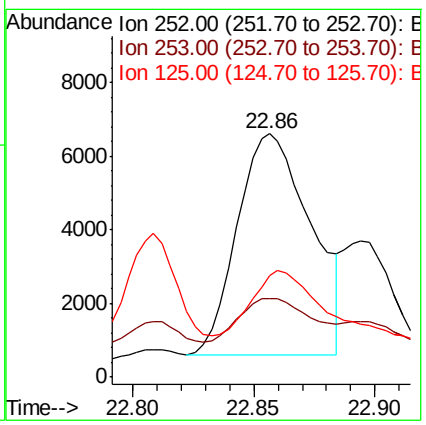


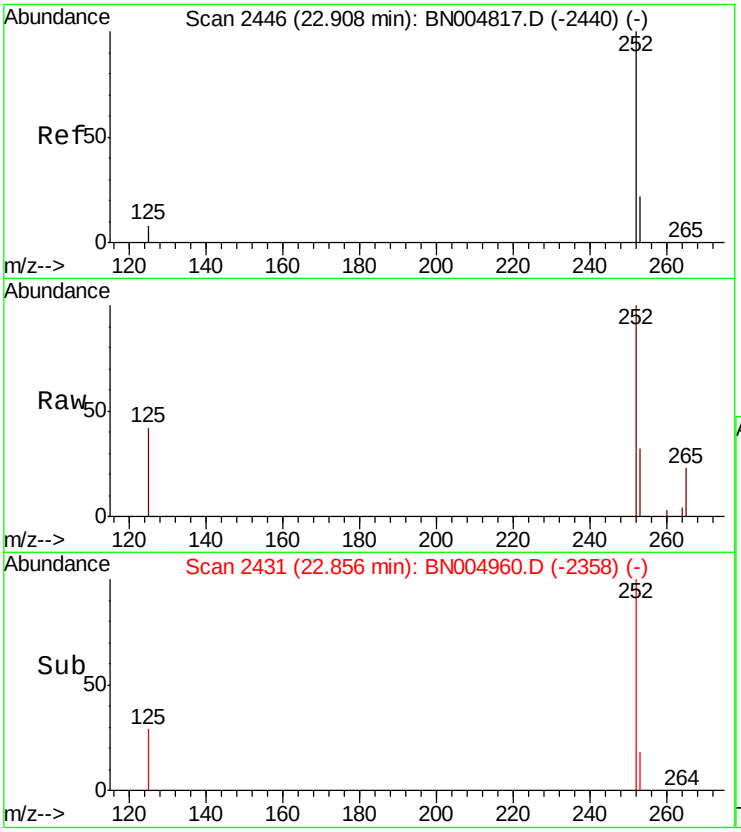


#35
Benzo(b)fluoranthene
Concen: 0.197 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:252 Resp: 12707

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.0	28.4#
125	41.7	7.4	11.2#



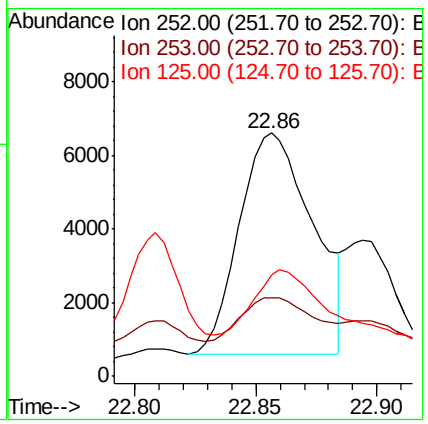


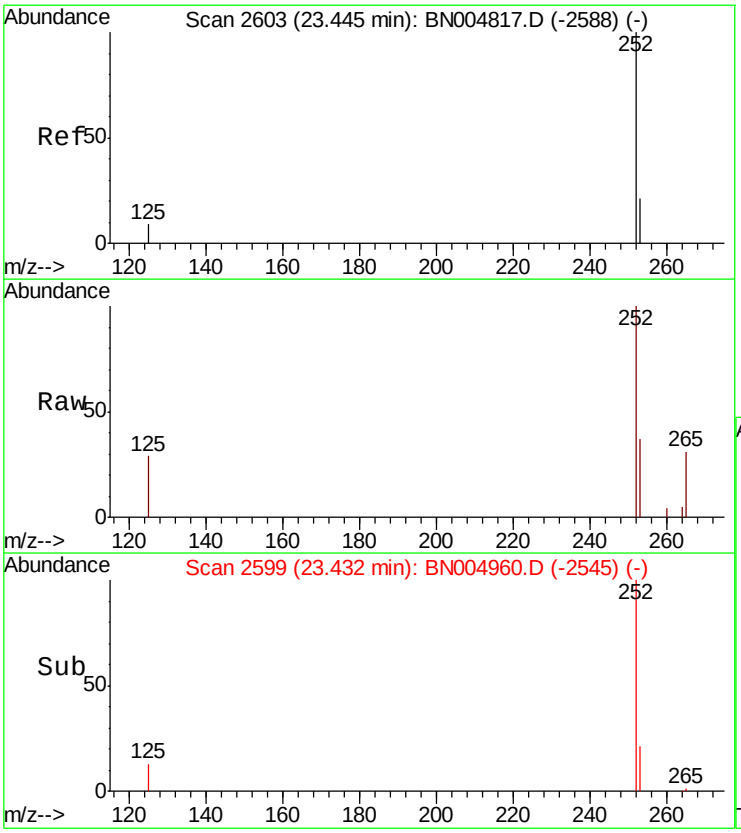
#36
Benzo(k)fluoranthene
Concen: 0.200 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.05 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:252 Resp: 12707

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.3	28.9#
125	41.7	7.4	11.0#

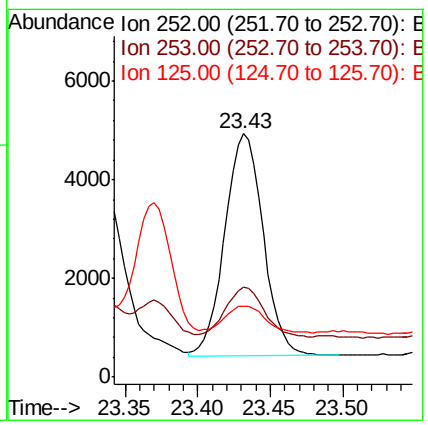


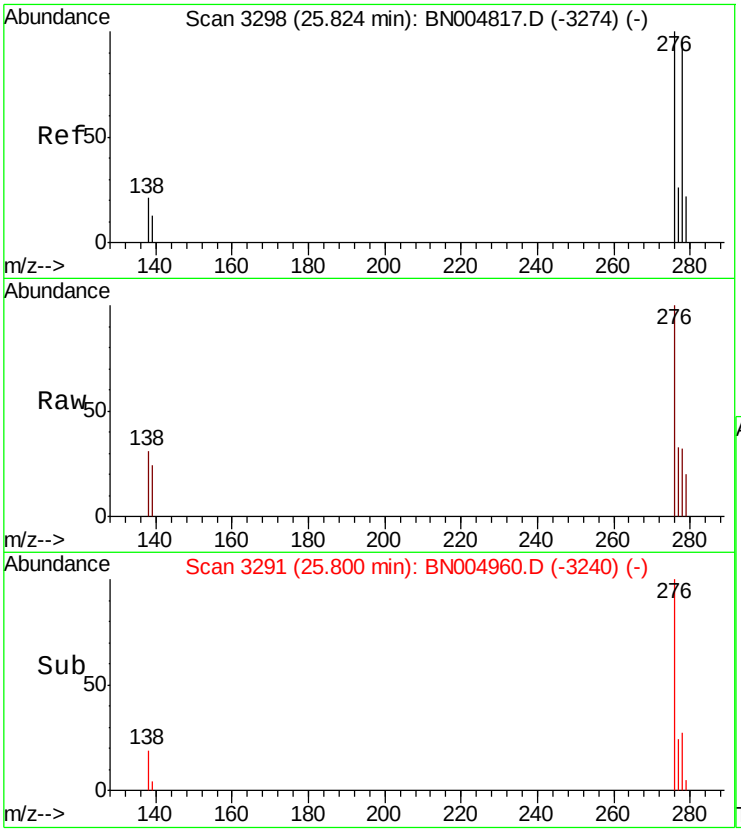


#37
Benzo(a)pyrene
Concen: 0.139 ng
RT: 23.43 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:252 Resp: 8225

Ion	Ratio	Lower	Upper
252	100		
253	36.8	19.7	29.5#
125	29.2	8.3	12.5#



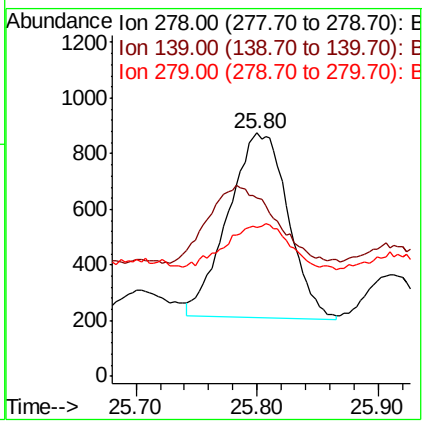


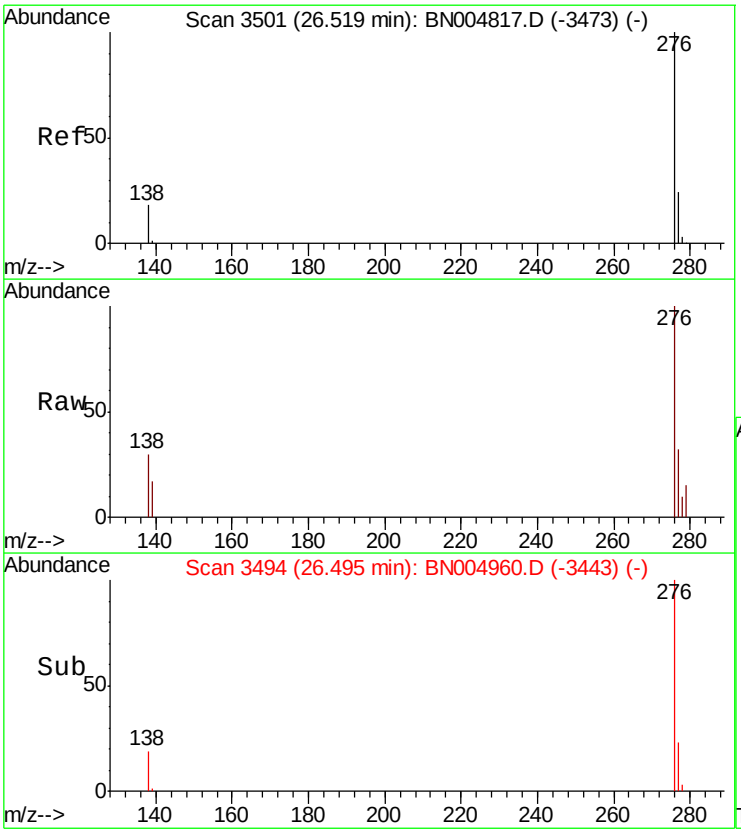
#38
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:278 Resp: 2290

Ion	Ratio	Lower	Upper
278	100		
139	73.1	11.7	17.5#
279	60.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.107 ng
RT: 26.50 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BN004960.D
Acq: 25 Mar 2019 14:46

Tgt Ion:276 Resp: 7472

Ion	Ratio	Lower	Upper
276	100		
277	31.8	19.7	29.5#
138	29.8	14.6	22.0#