Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
Data File : BN004929.D
Acq On : 23 Mar 2019 20:15
Operator : JU/SJ
Sample : K1948-14MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 24 01:02:09 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	2106	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	8673	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	4690	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	10694	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	14847	0.40	ng		-0.01
34) Perylene-d12	23.53	264	17126	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	2114	0.37	ng		0.00
5) Phenol-d6	6.86	99	2646	0.37	ng		-0.02
8) Nitrobenzene-d5	8.84	82	2079	0.36	ng		-0.03
11) 2-Methylnaphthalene-d10	12.07	152	4377	0.29	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	966	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	5867	0.30	ng		-0.01
25) Fluoranthene-d10	19.12	212	10840	0.30	ng		-0.02
29) Terphenyl-d14	19.72	244	7089	0.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	619	0.259	ng	#	68
3) n-Nitrosodimethylamine	3.55	42	574	0.406	ng	#	92
6) bis(2-Chloroethyl)ether	7.12	93	2110	0.328	ng		99
9) Naphthalene	10.52	128	7774	0.320	ng		99
10) Hexachlorobutadiene	10.80	225	1273	0.274	ng	#	98
12) 2-Methylnaphthalene	12.14	142	5352	0.296	ng		99
16) Acenaphthylene	14.05	152	8129	0.337	ng		99
17) Acenaphthene	14.39	154	4773	0.302	ng		98
18) Fluorene	15.38	166	6430	0.291	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	2059	0.295	ng		99
21) Hexachlorobenzene	16.38	284	2204	0.276	ng		94
22) Pentachlorophenol	16.74	266	1456	0.931	ng		95
23) Phenanthrene	17.12	178	14053	0.407	ng		99
24) Anthracene	17.22	178	10132	0.329	ng		100
26) Fluoranthene	19.15	202	23763	0.535	ng		99
28) Pyrene	19.51	202	23163	0.512	ng		98
30) Benzo(a)anthracene	21.26	228	20359	0.418	ng		97
31) Chrysene	21.31	228	20620	0.402	ng		97
32) Bis(2-ethylhexyl)phthalate	21.17	149	12902	0.663	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	24506	0.330	ng		97
35) Benzo(b)fluoranthene	22.85	252	26269	0.424	ng	#	94
36) Benzo(k)fluoranthene	22.89	252	20537	0.337	ng	#	94
37) Benzo(a)pyrene	23.43	252	22334	0.393	ng	#	95
38) Dibenzo(a,h)anthracene	25.80	278	17609	0.268	ng	#	93
39) Benzo(g,h,i)perylene	26.49	276	21677	0.323	ng		96

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
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Misc :
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ClientSampleId :
PST-025-SW046-031319MS

Quant Time: Mar 24 01:02:09 2019
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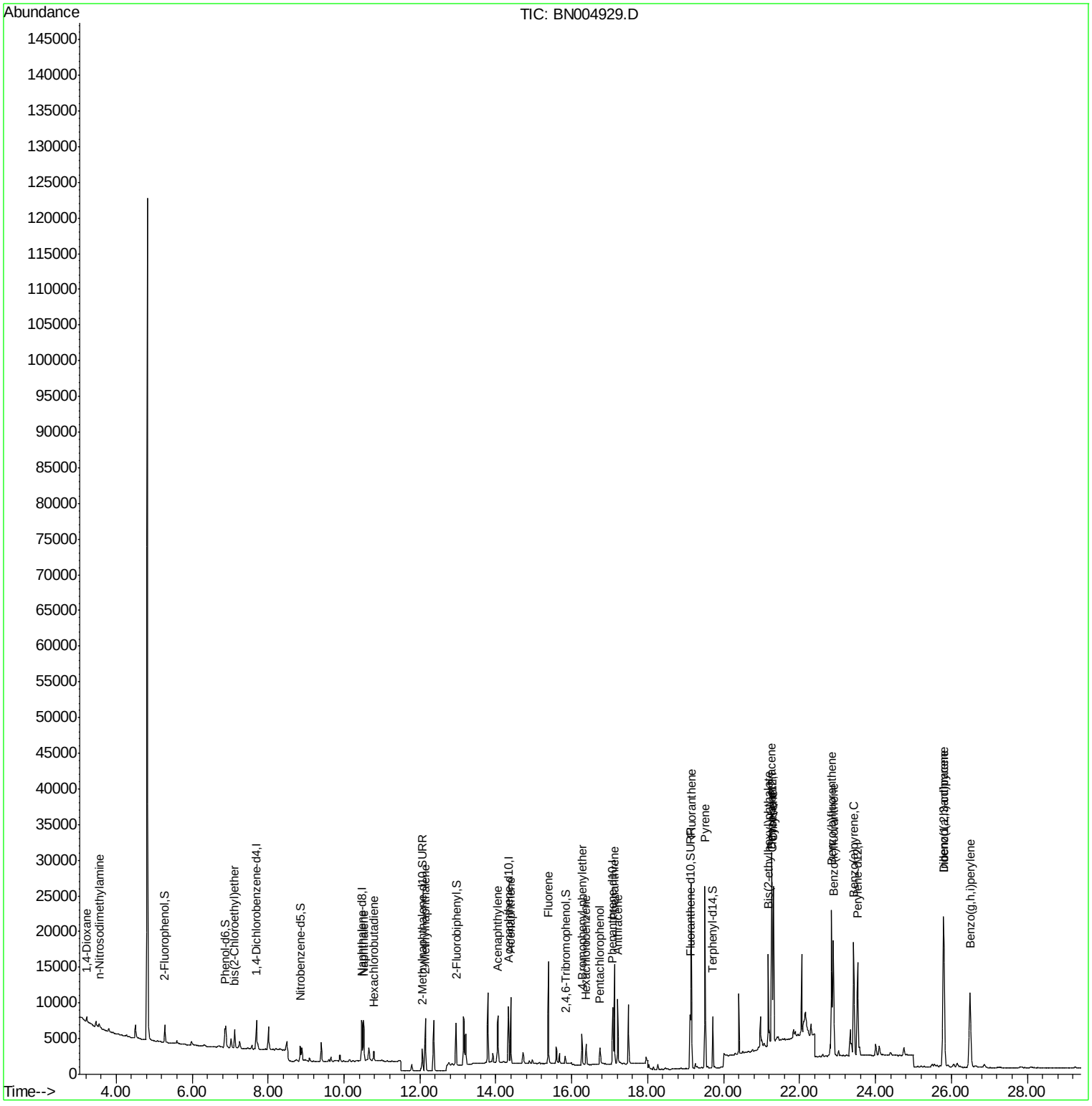
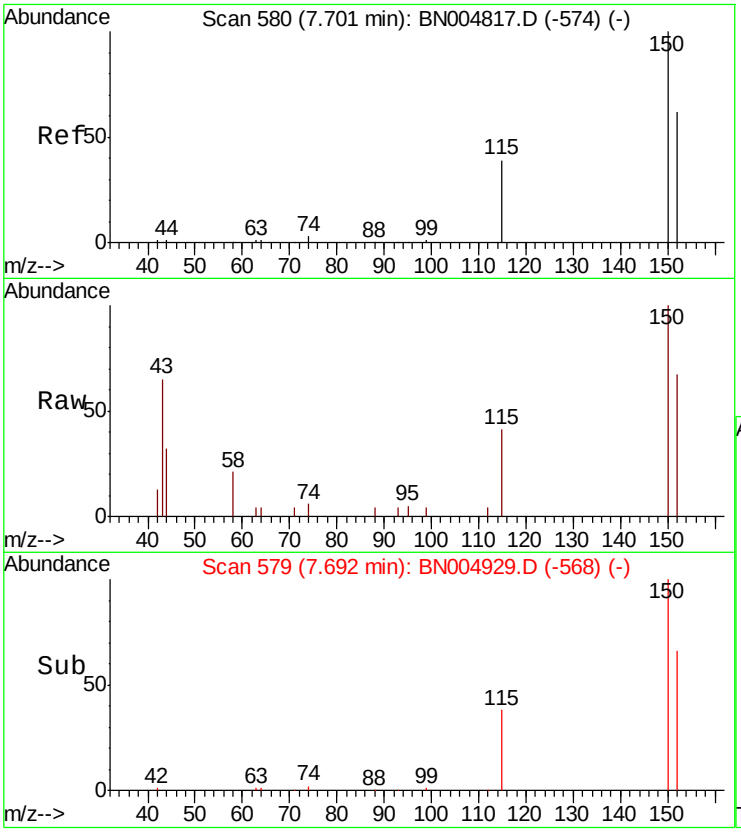
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



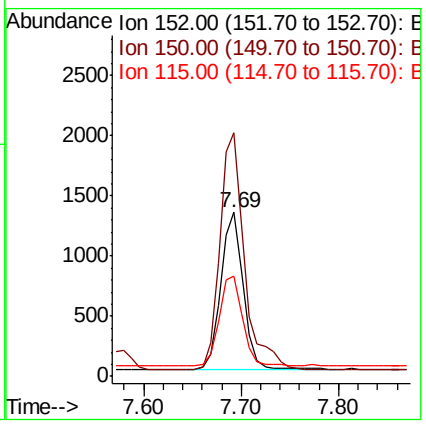


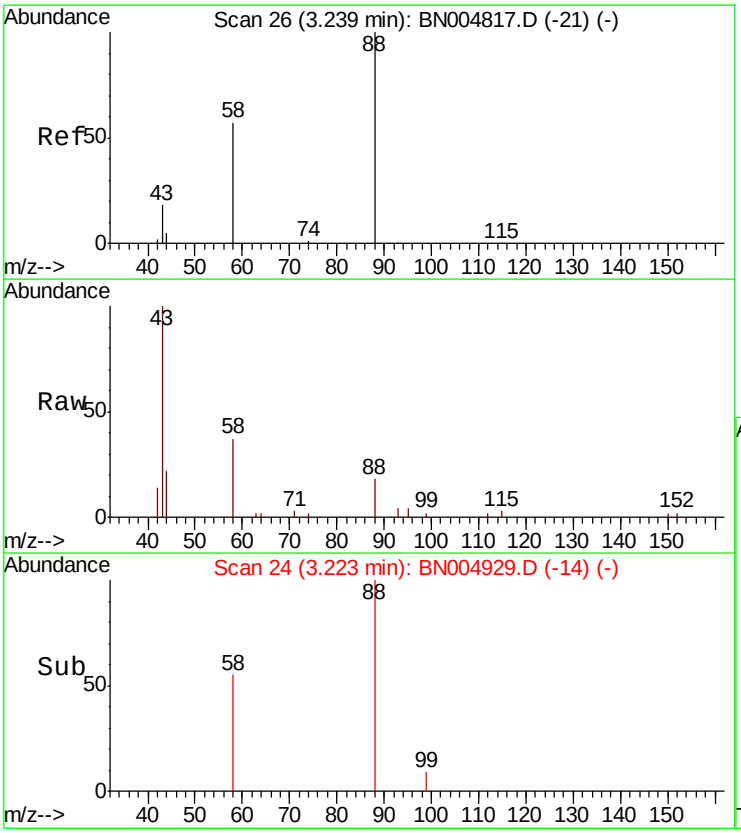
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:152 Resp: 2106

Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.2	189.4
115	61.5	52.6	79.0

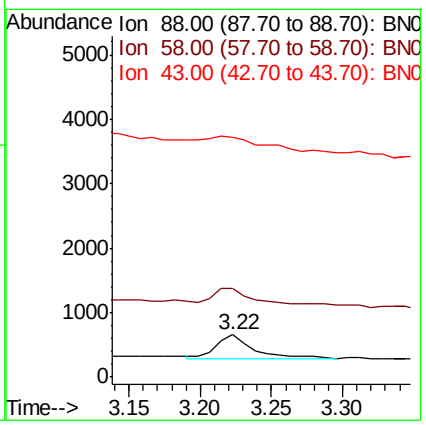


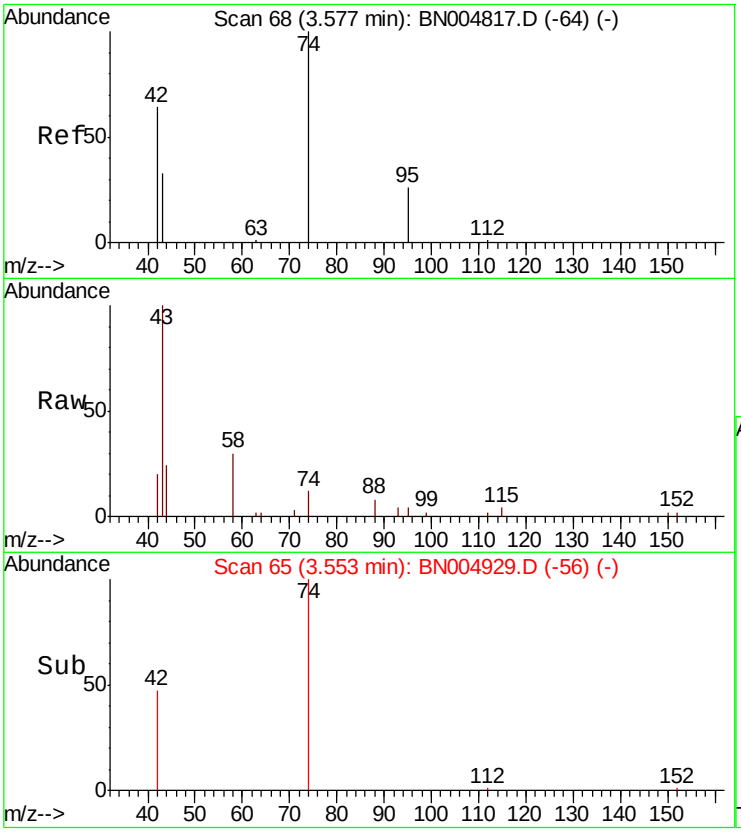


#2
1,4-Dioxane
Concen: 0.259 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion: 88 Resp: 619

Ion	Ratio	Lower	Upper
88	100		
58	83.5	51.4	77.2#
43	0.0	20.0	30.0#



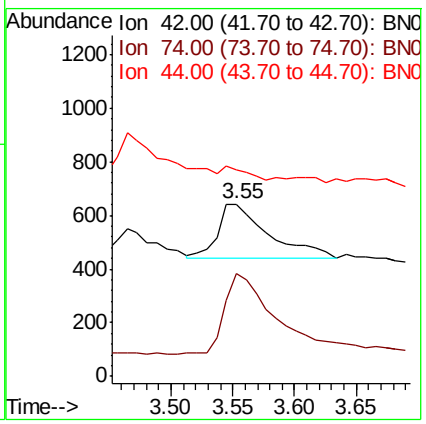


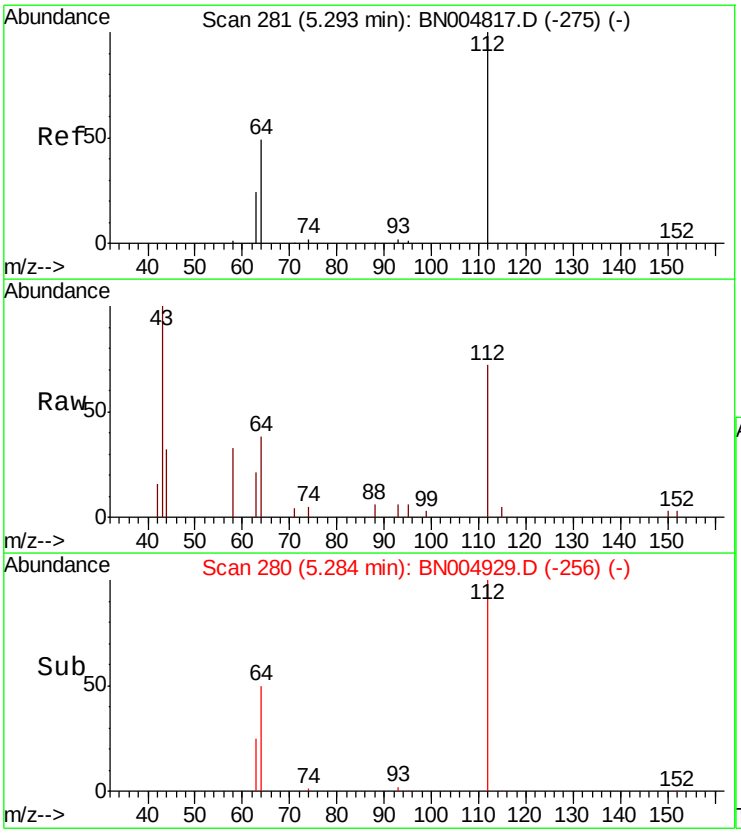
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.55 min Scan# 65
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion: 42 Resp: 574

Ion	Ratio	Lower	Upper
42	100		
74	151.2	128.4	192.6
44	0.0	6.1	9.1#

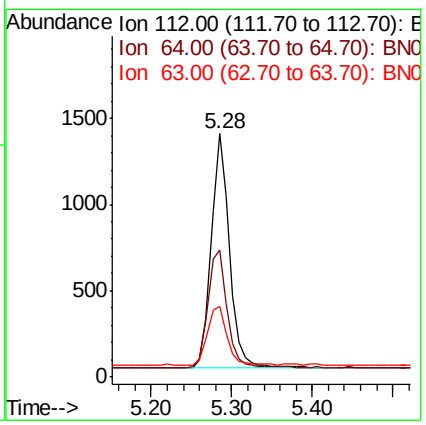


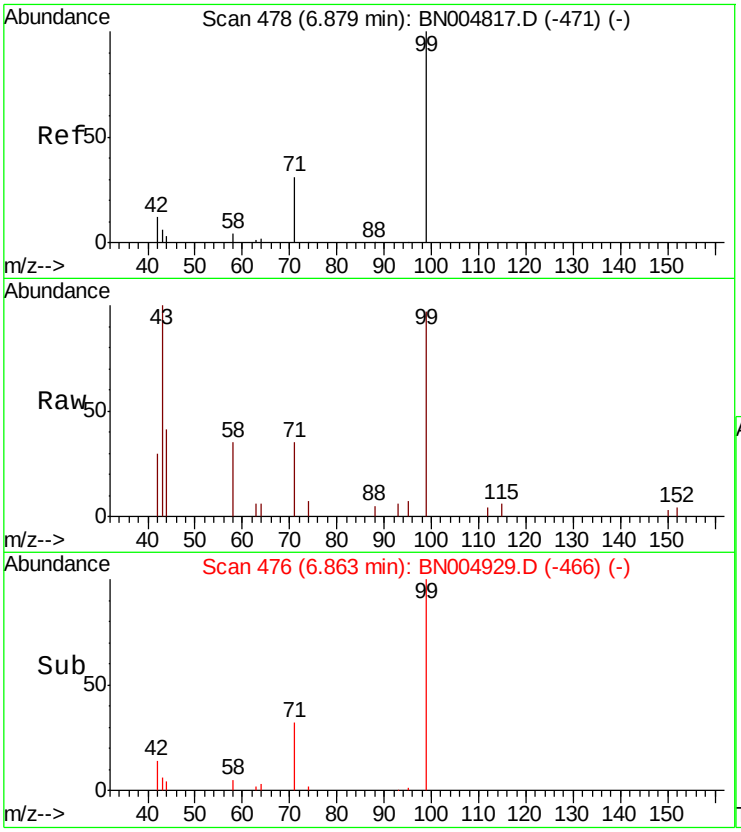


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:112 Resp: 2114

Ion	Ratio	Lower	Upper
112	100		
64	52.4	40.0	60.0
63	26.6	20.2	30.2



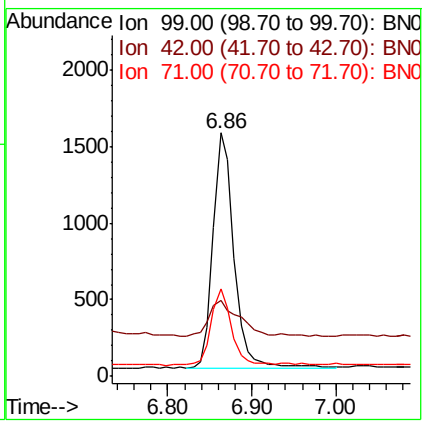


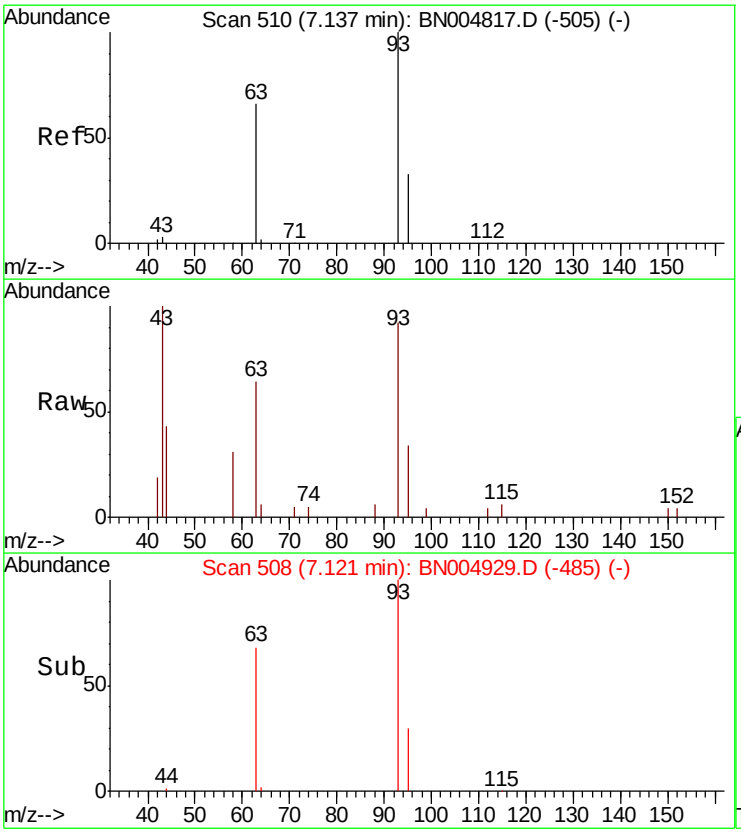
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion: 99 Resp: 2646

Ion	Ratio	Lower	Upper
99	100		
42	21.4	12.7	19.1#
71	32.2	26.6	40.0

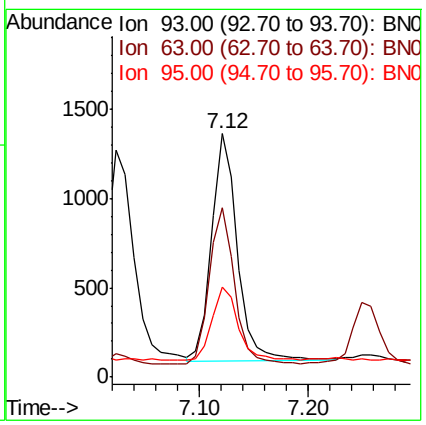


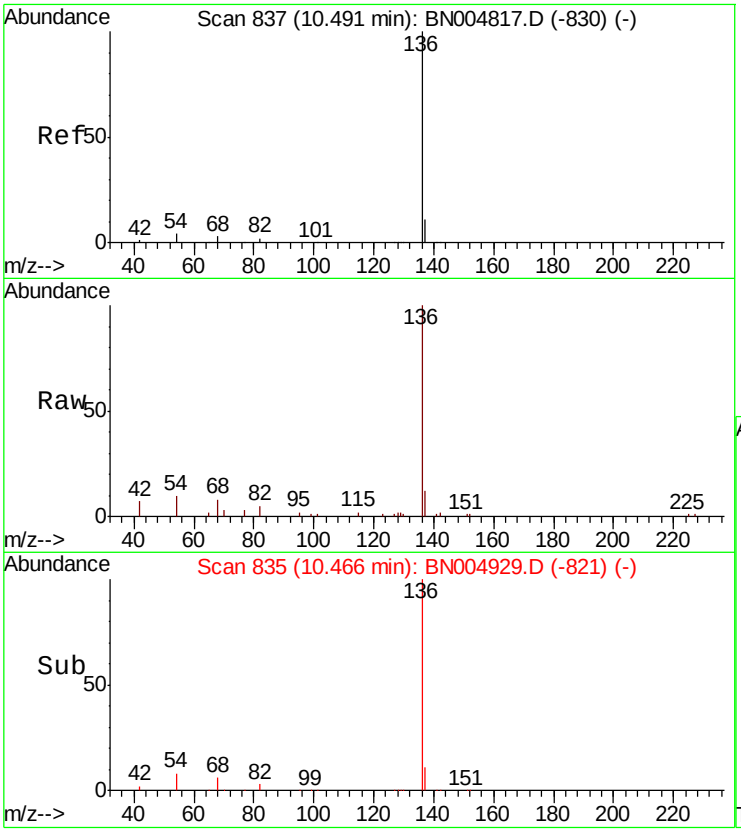


#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.12 min Scan# 508
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion: 93 Resp: 2110

Ion	Ratio	Lower	Upper
93	100		
63	66.7	52.6	78.8
95	32.3	25.9	38.9



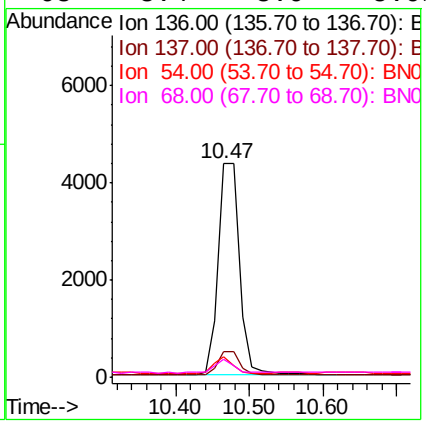


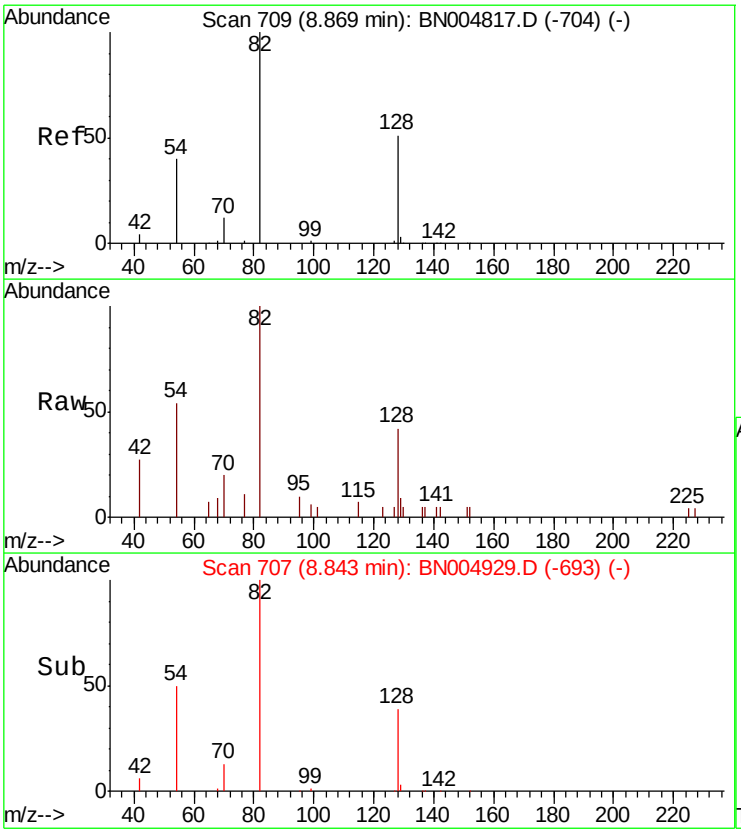
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:136 Resp: 8673

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.6	4.2	6.2#
68	8.4	3.9	5.9#

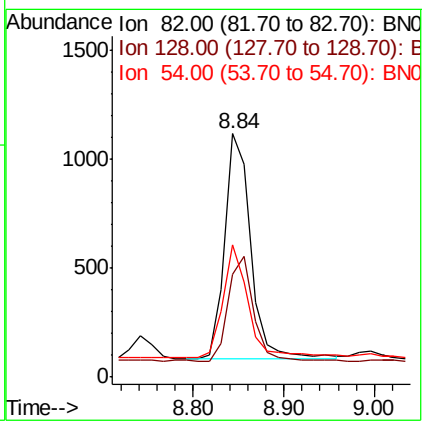


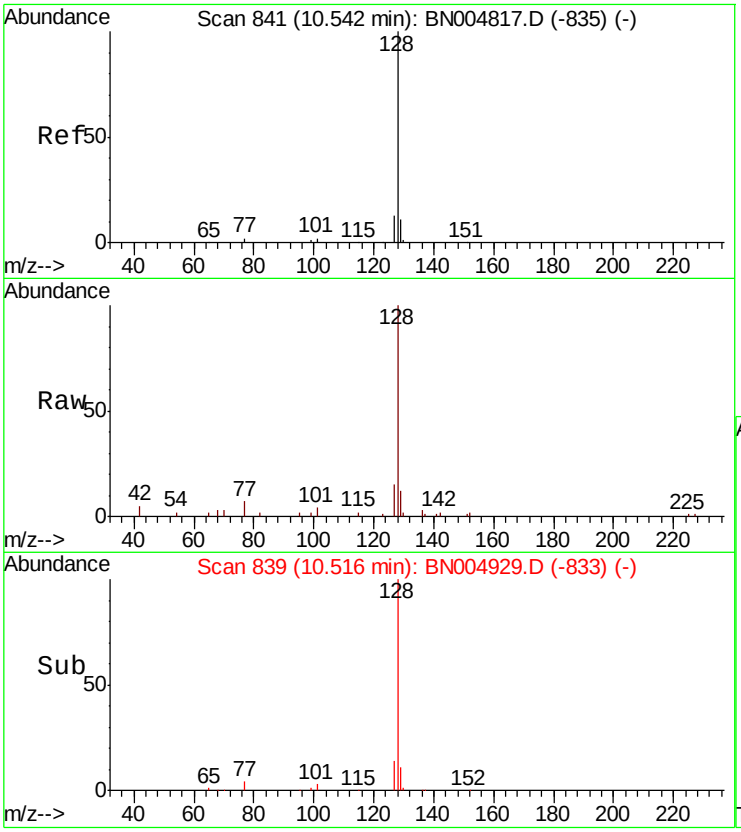


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion: 82 Resp: 2079

Ion	Ratio	Lower	Upper
82	100		
128	42.3	43.0	64.6#
54	54.3	35.3	52.9#



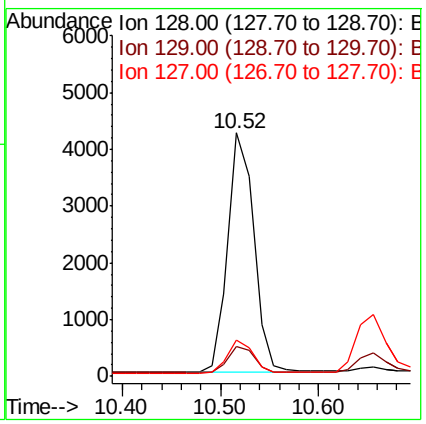


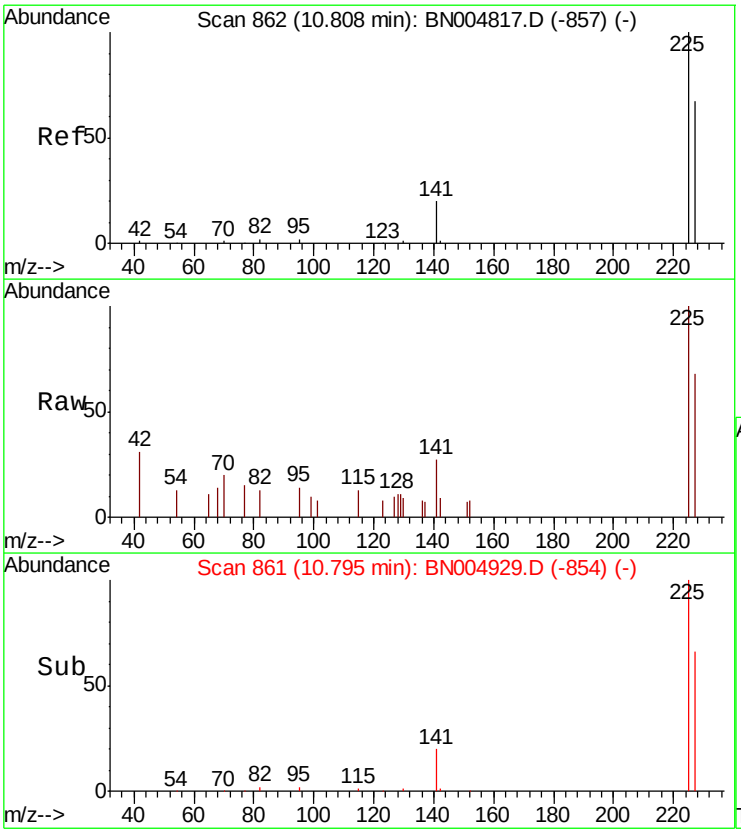
#9
Naphthalene
Concen: 0.320 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:128 Resp: 7774

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.9	14.9
127	14.7	11.3	16.9

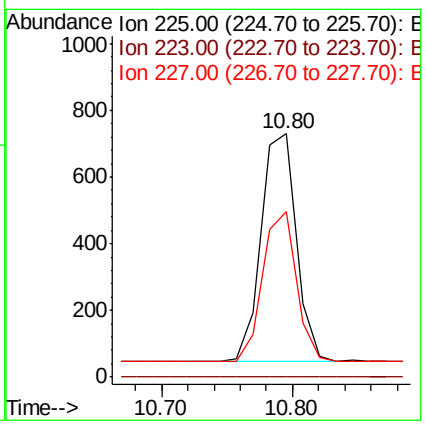


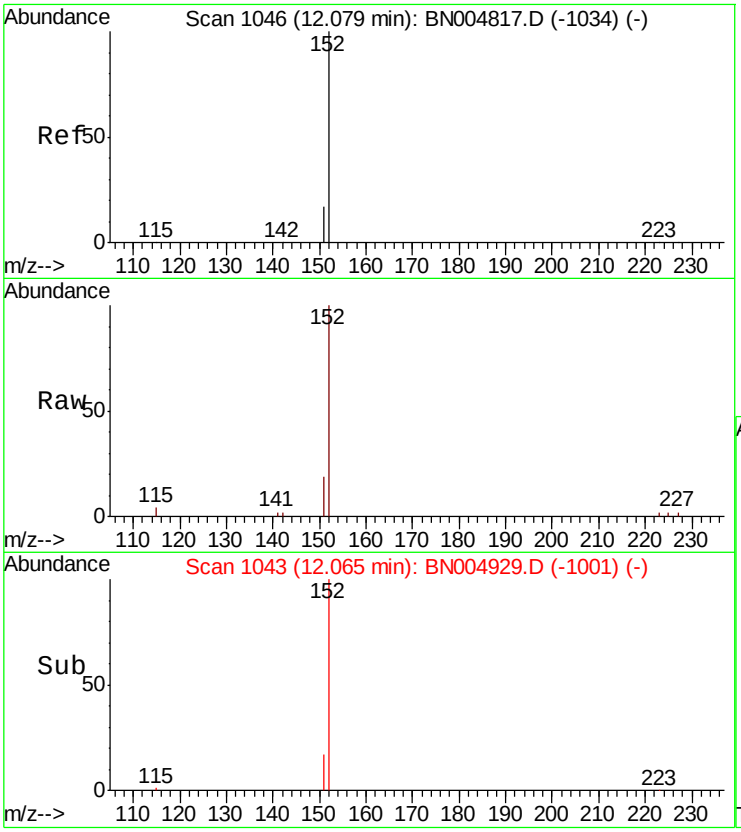


#10
Hexachlorobutadiene
Concen: 0.274 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:225 Resp: 1273

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	52.2	78.4



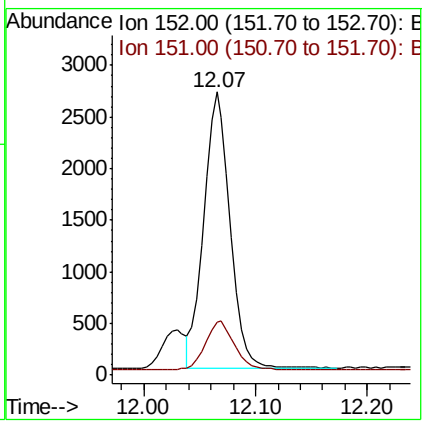


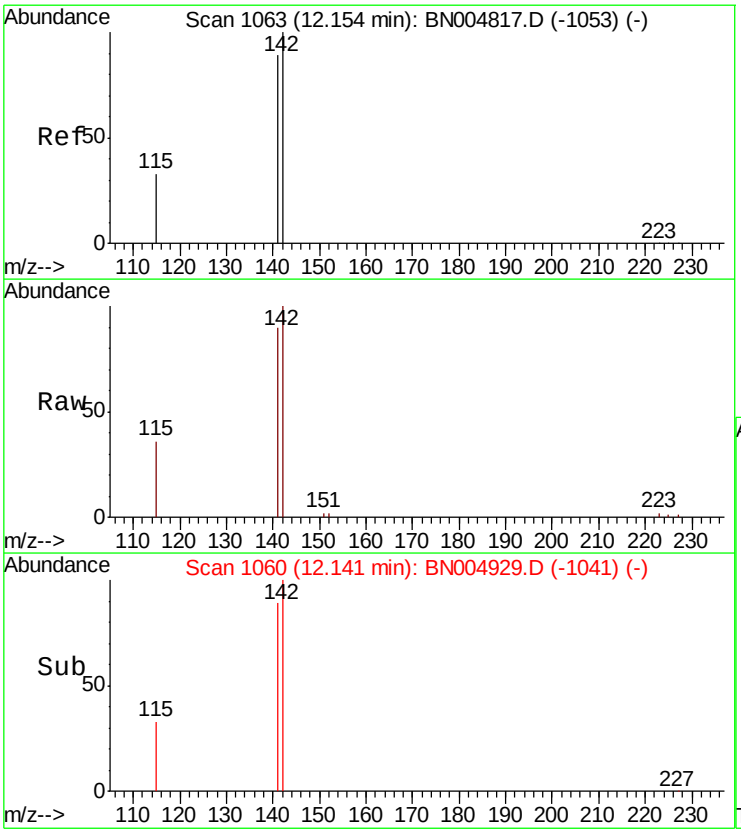
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:152 Resp: 4377

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3

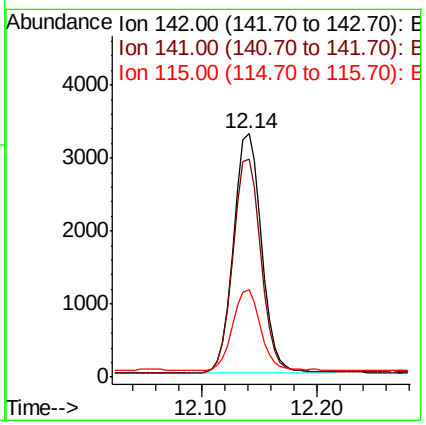


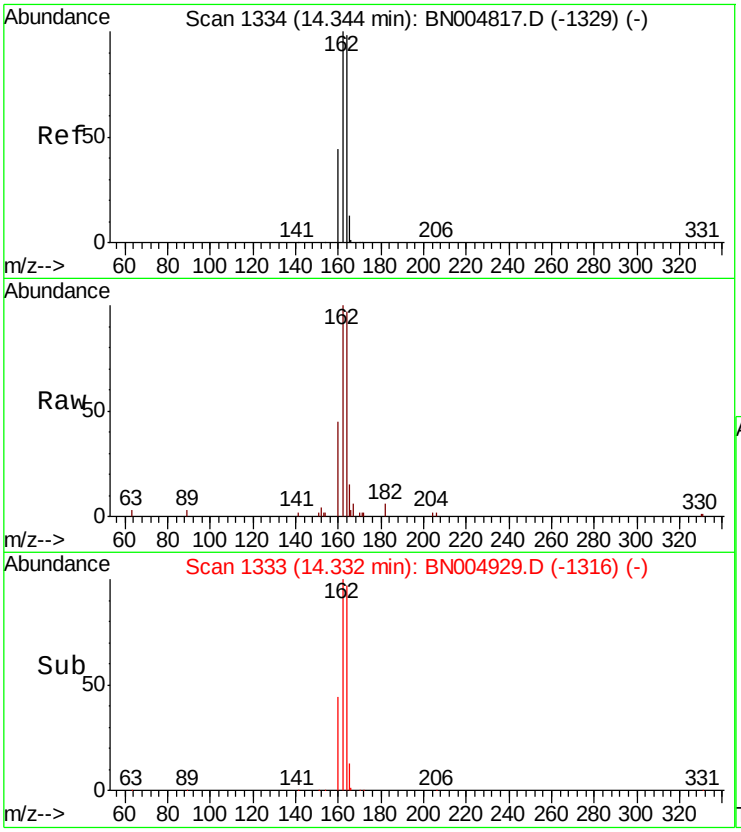


#12
2-Methylnaphthalene
Concen: 0.296 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:142 Resp: 5352

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.7	27.5	41.3



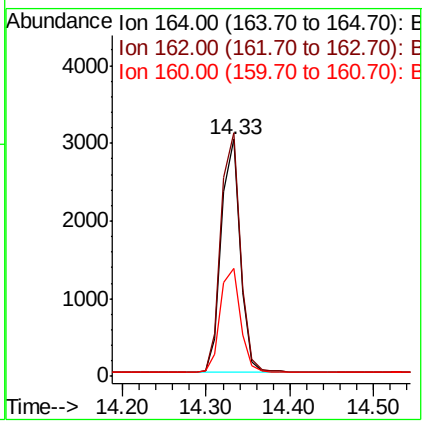


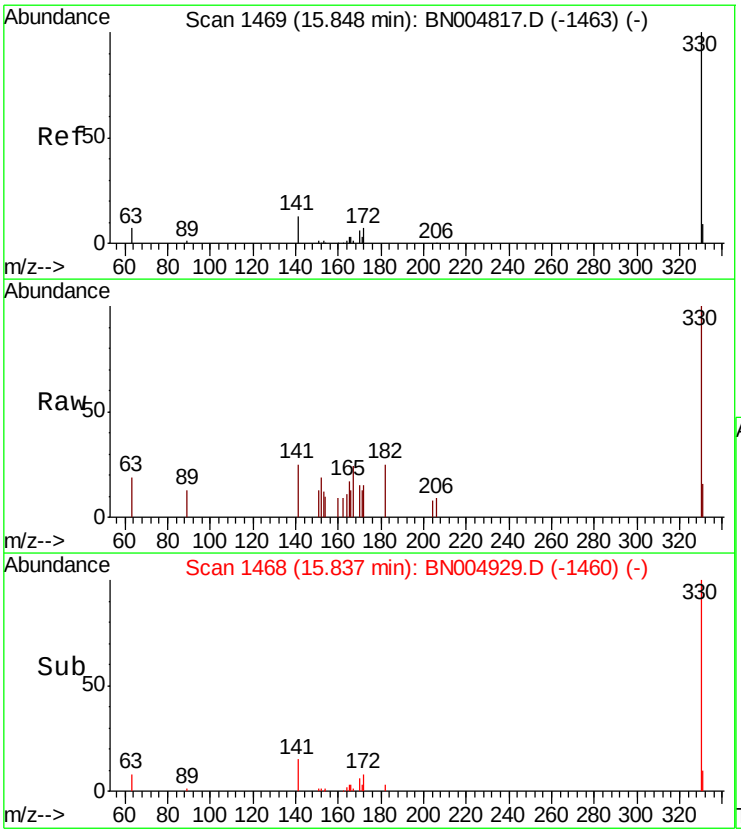
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:164 Resp: 4690

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.9	122.9
160	45.8	36.6	54.8

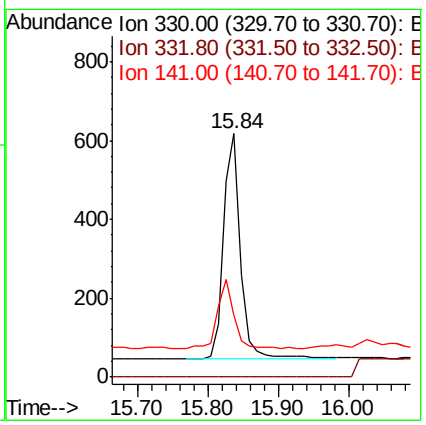


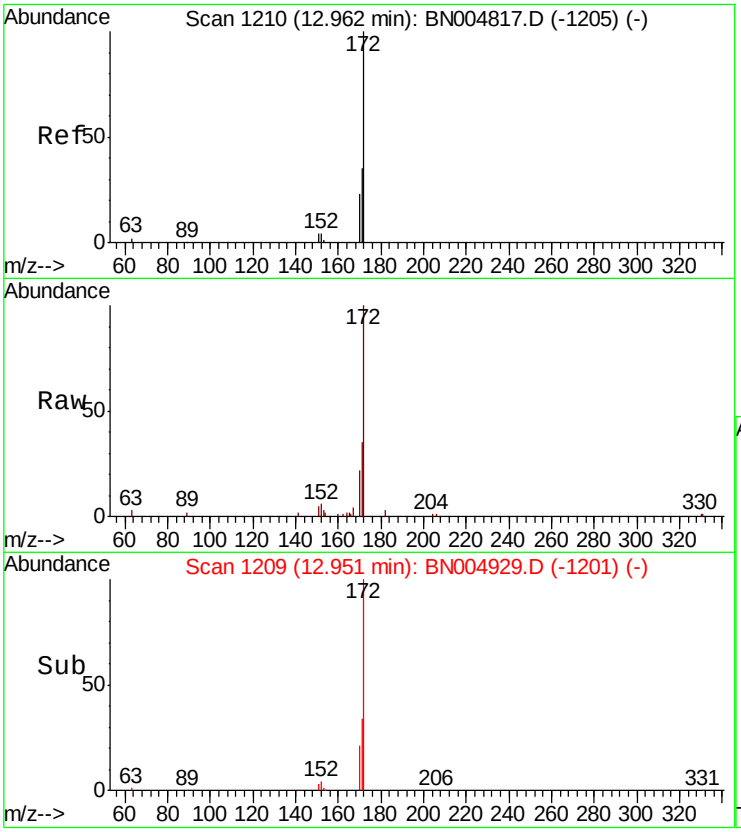


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:330 Resp: 966

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.6	20.9	31.3



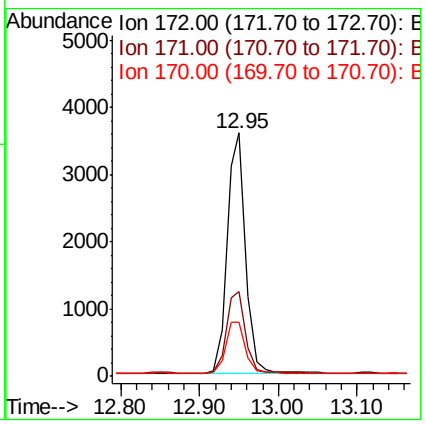


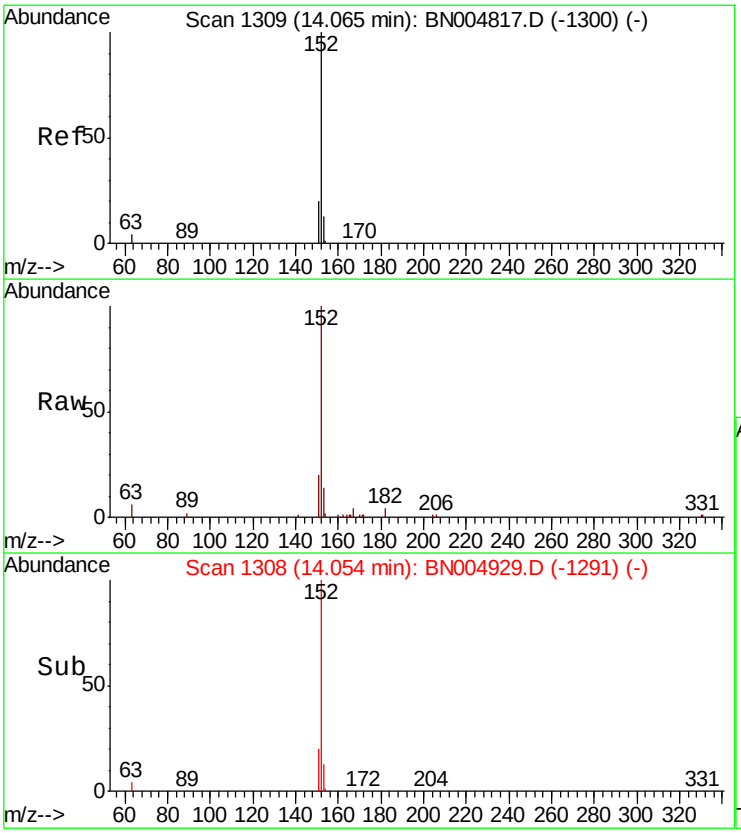
#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:172 Resp: 5867

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.3	18.7	28.1

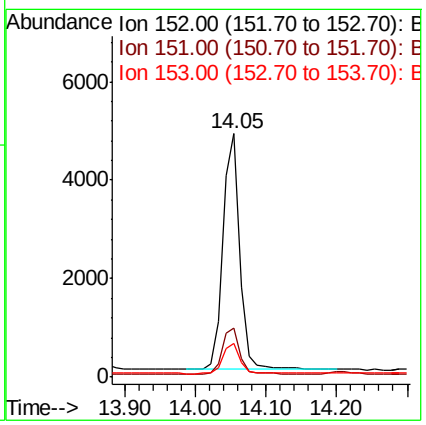


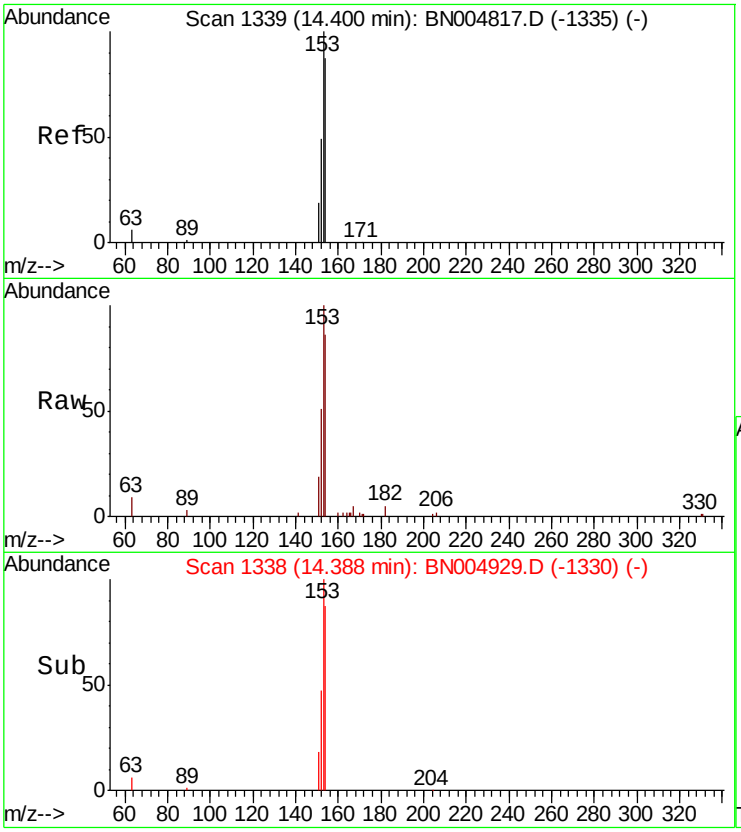


#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:152 Resp: 8129

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.1	10.5	15.7



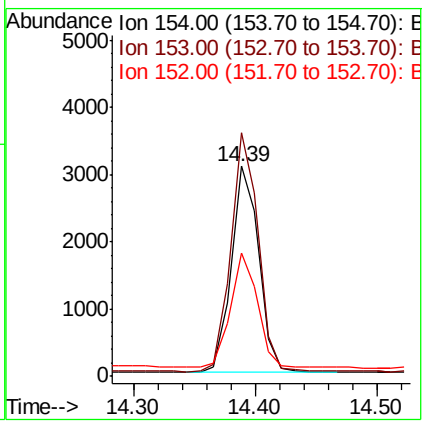


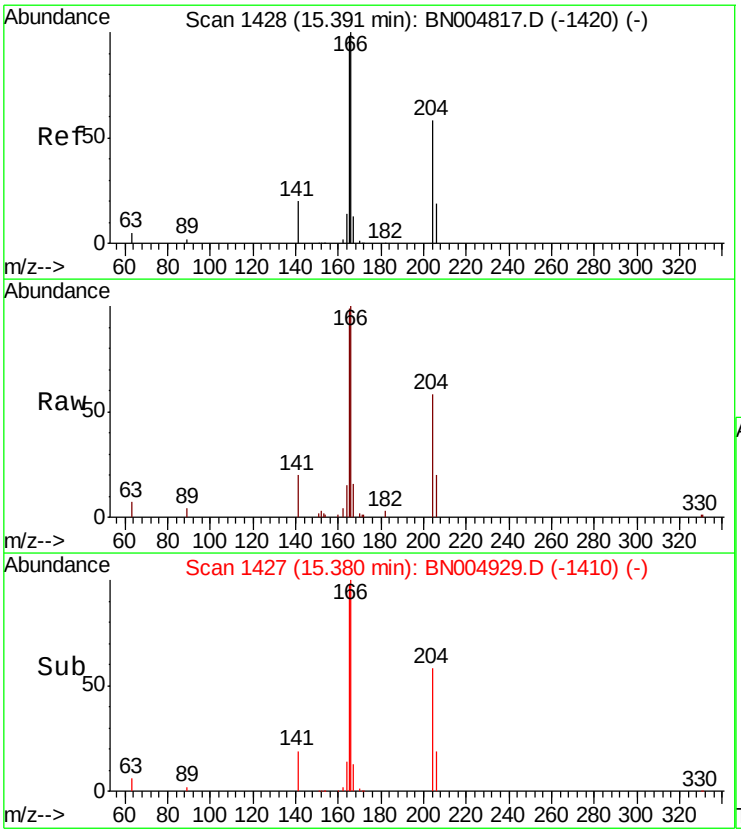
#17
Acenaphthene
Concen: 0.302 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:154 Resp: 4773

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.4	137.2
152	56.8	44.2	66.2

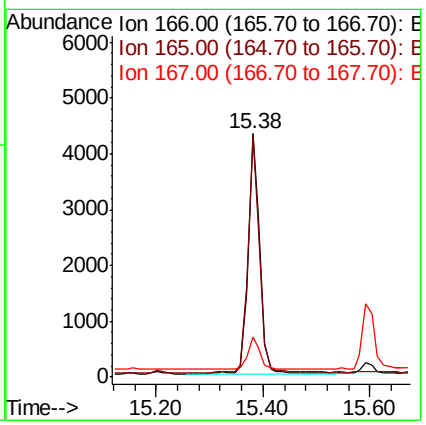


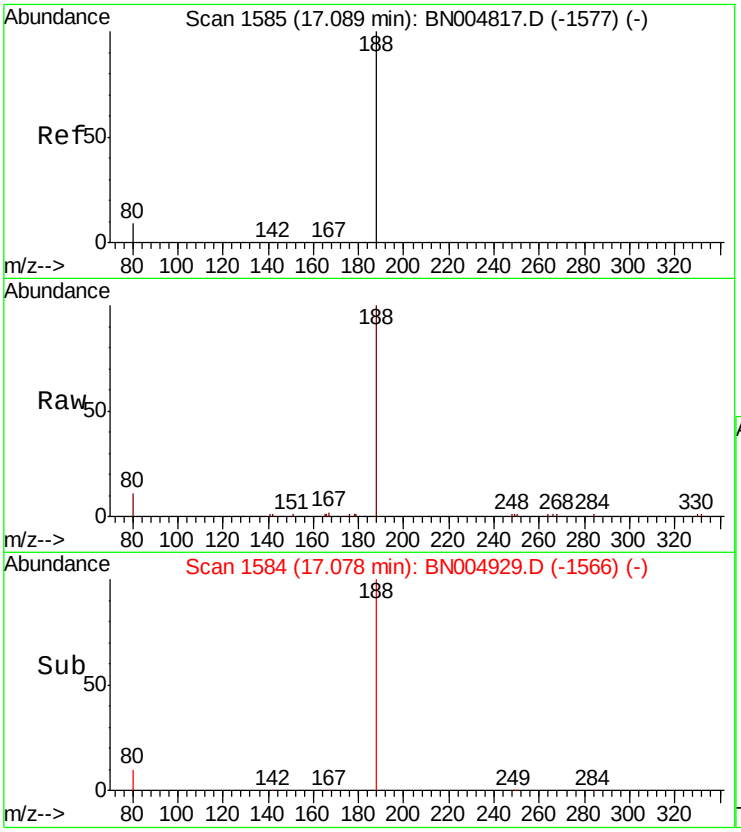


#18
Fluorene
Concen: 0.291 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:166 Resp: 6430

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	13.7	11.0	16.4



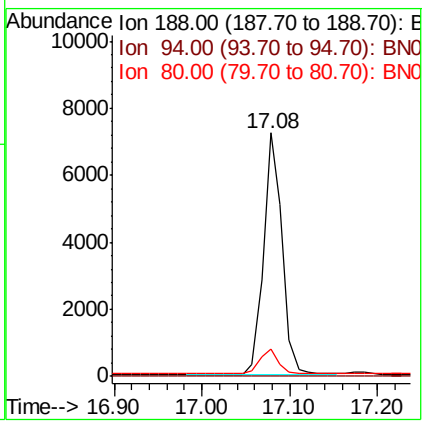


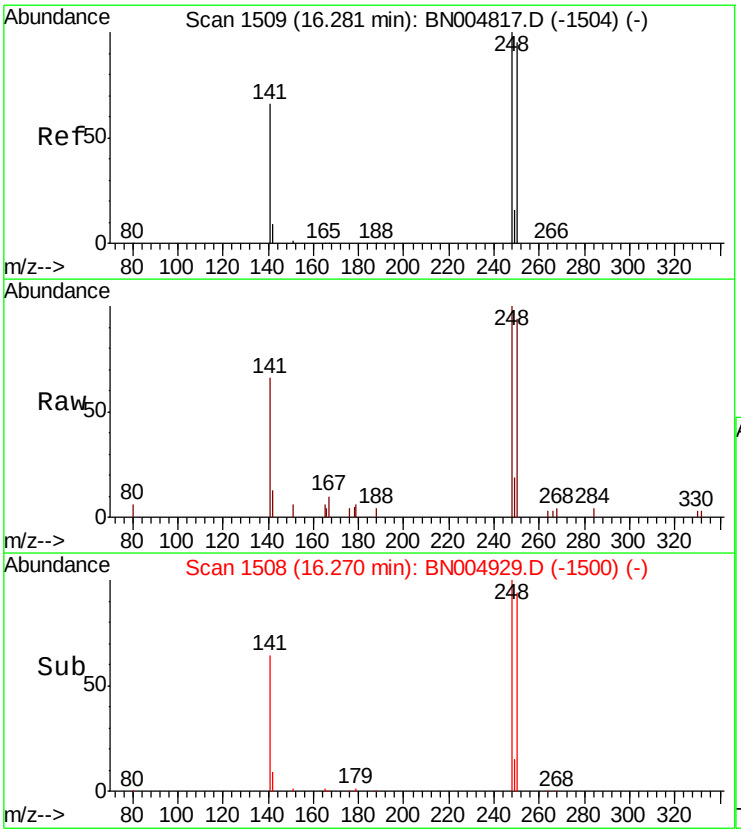
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:188 Resp: 10694

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	7.4	11.2

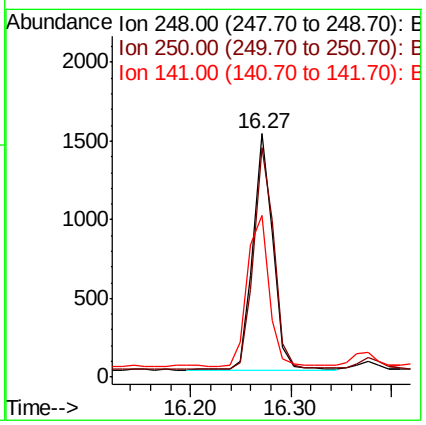


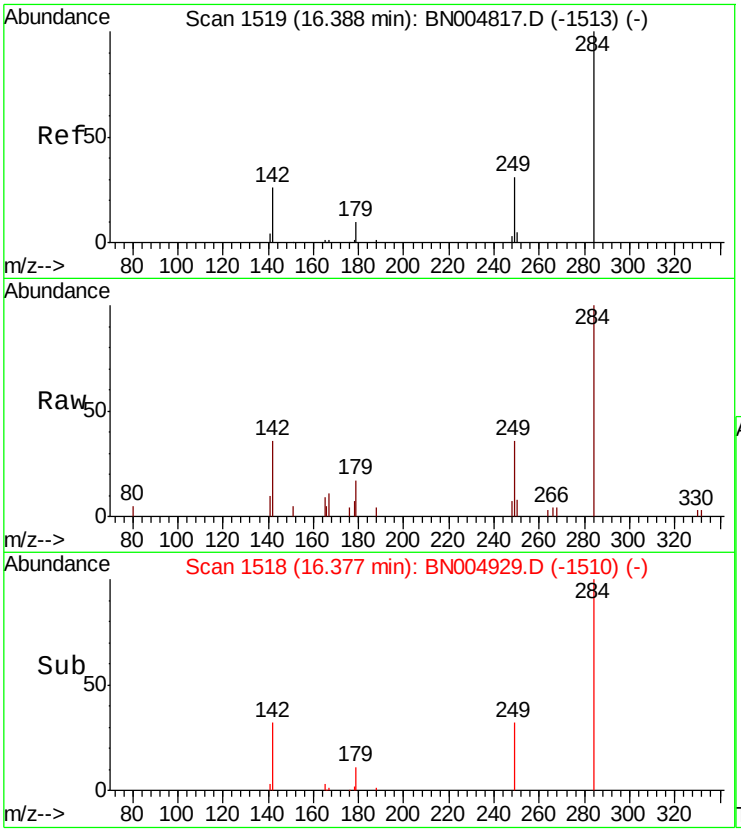


#20
4-Bromophenyl-phenylether
Concen: 0.295 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:248 Resp: 2059

Ion	Ratio	Lower	Upper
248	100		
250	94.3	76.2	114.4
141	66.4	53.9	80.9



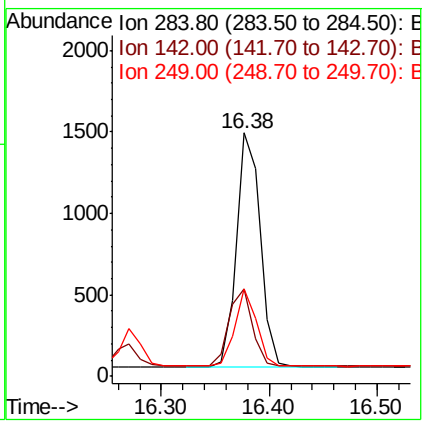


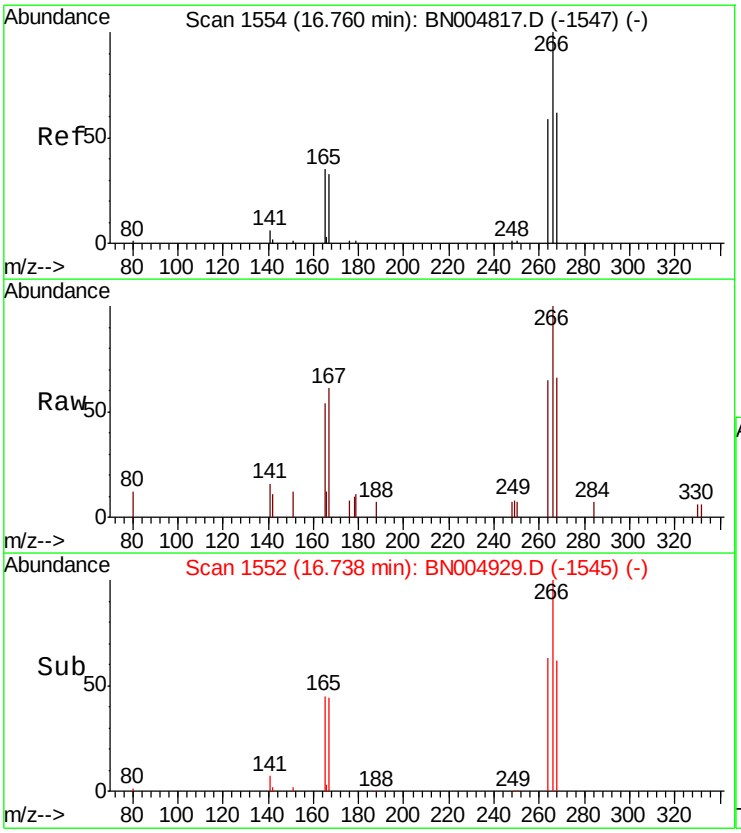
#21
Hexachlorobenzene
Concen: 0.276 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:284 Resp: 2204

Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.6	34.0
249	29.7	22.5	33.7

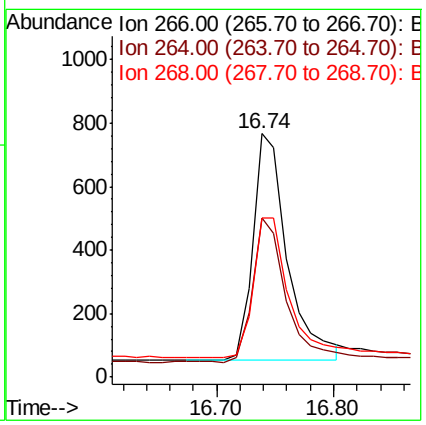


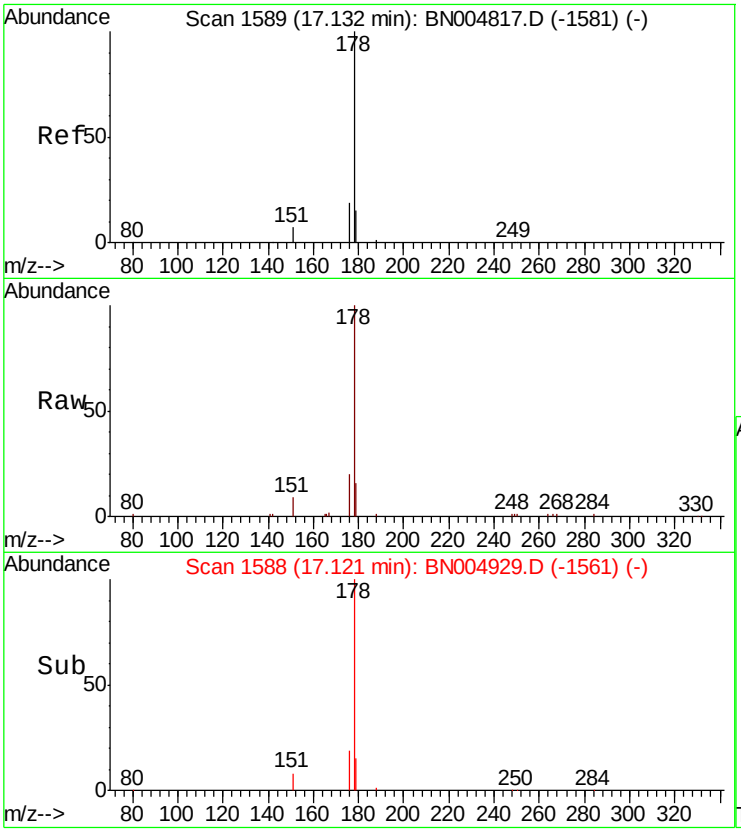


#22
Pentachlorophenol
Concen: 0.931 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:266 Resp: 1456

Ion	Ratio	Lower	Upper
266	100		
264	65.2	53.1	79.7
268	65.6	57.7	86.5



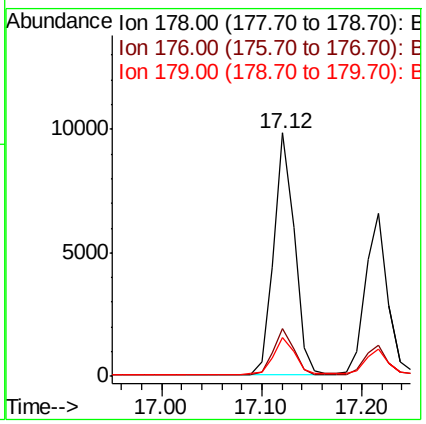


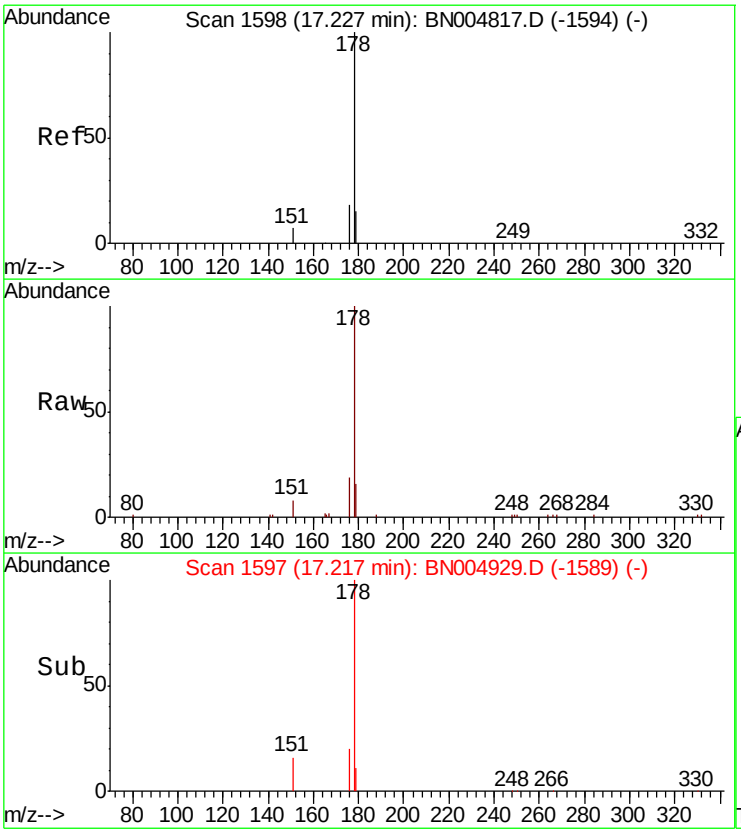
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:178 Resp: 14053

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.4	12.1	18.1

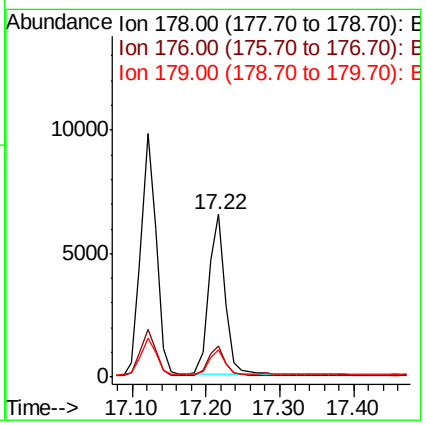


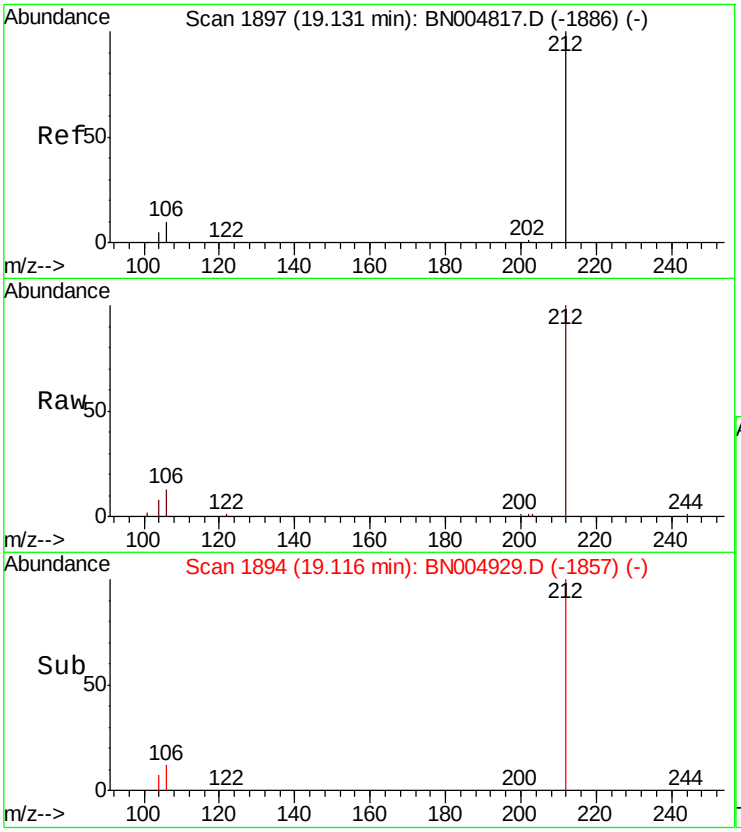


#24
Anthracene
Concen: 0.329 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:178 Resp: 10132

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.0	12.2	18.4



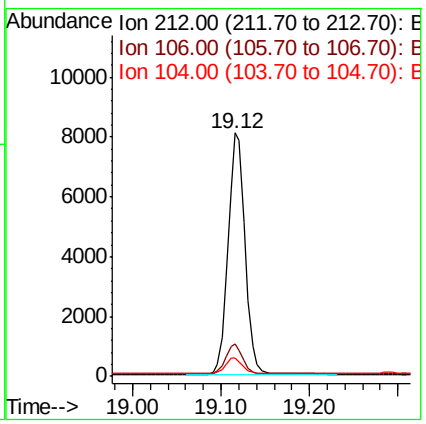


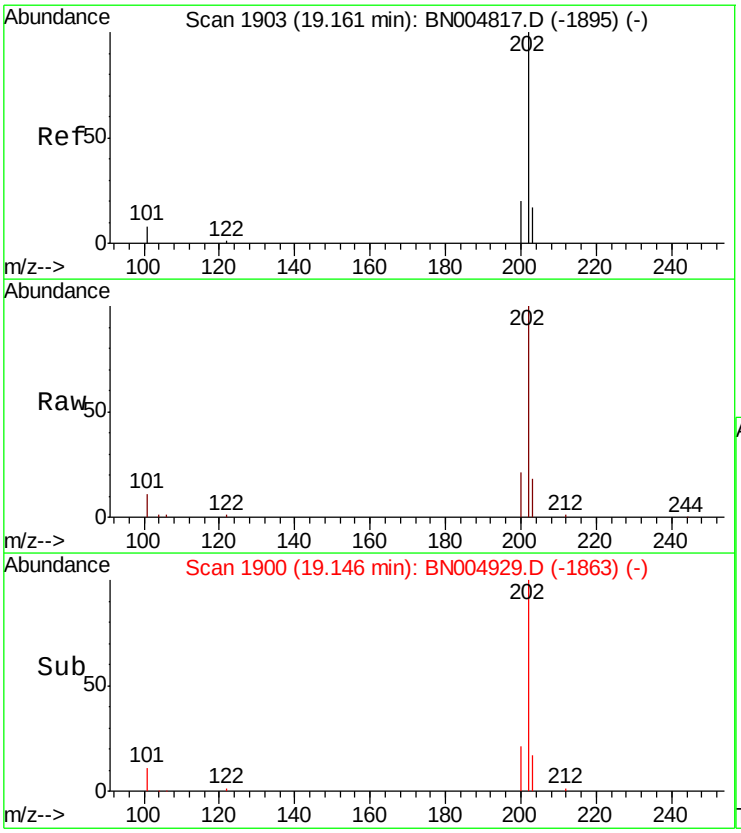
#25
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:212 Resp: 10840

Ion	Ratio	Lower	Upper
212	100		
106	12.0	8.6	13.0
104	6.8	4.7	7.1

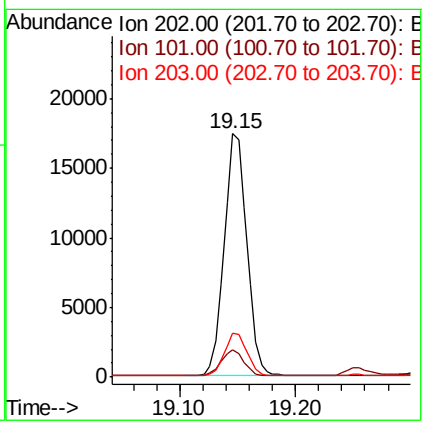


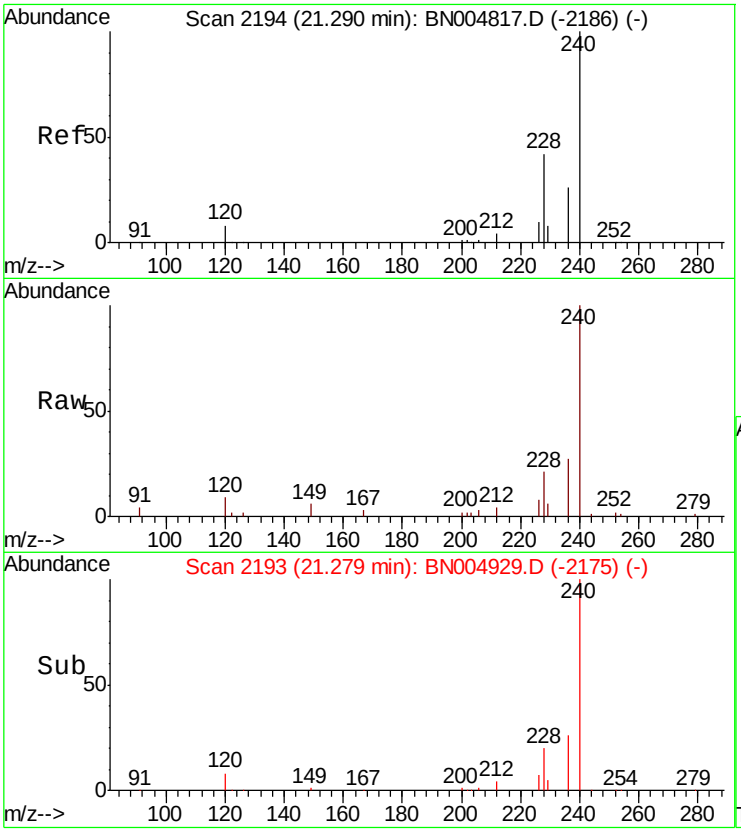


#26
Fluoranthene
Concen: 0.535 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:202 Resp: 23763

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.5	11.3
203	17.3	13.8	20.6



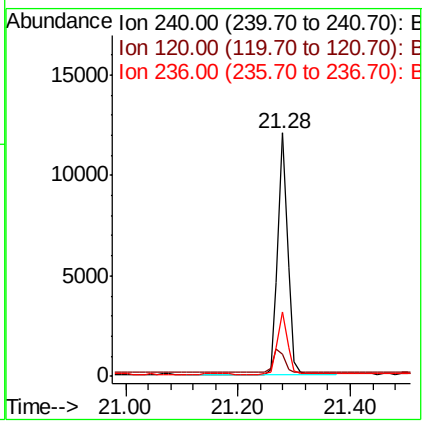


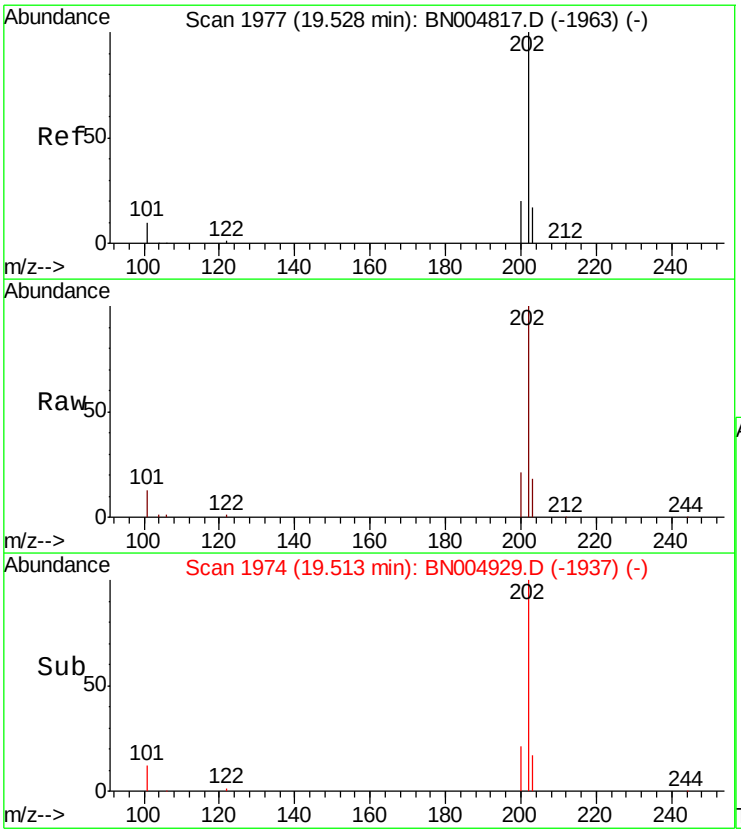
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:240 Resp: 14847

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.2	10.8
236	26.6	20.9	31.3

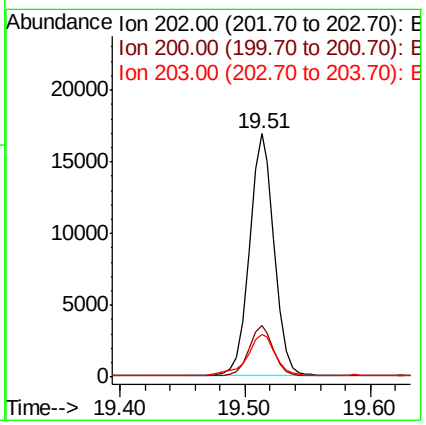


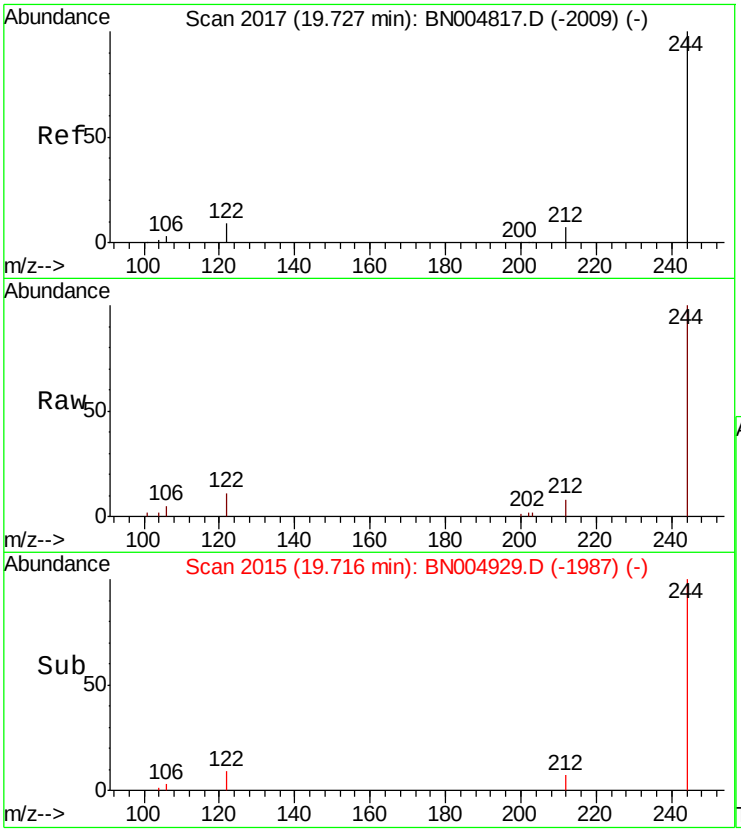


#28
Pyrene
Concen: 0.512 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:202 Resp: 23163

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	19.2	14.0	21.0



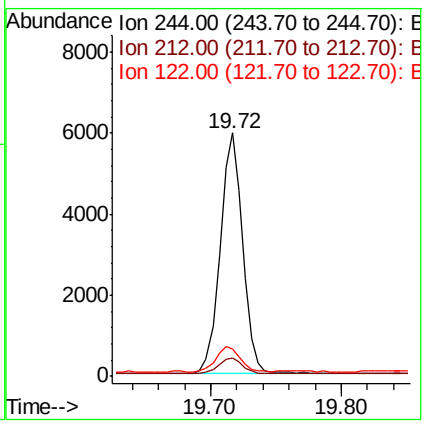


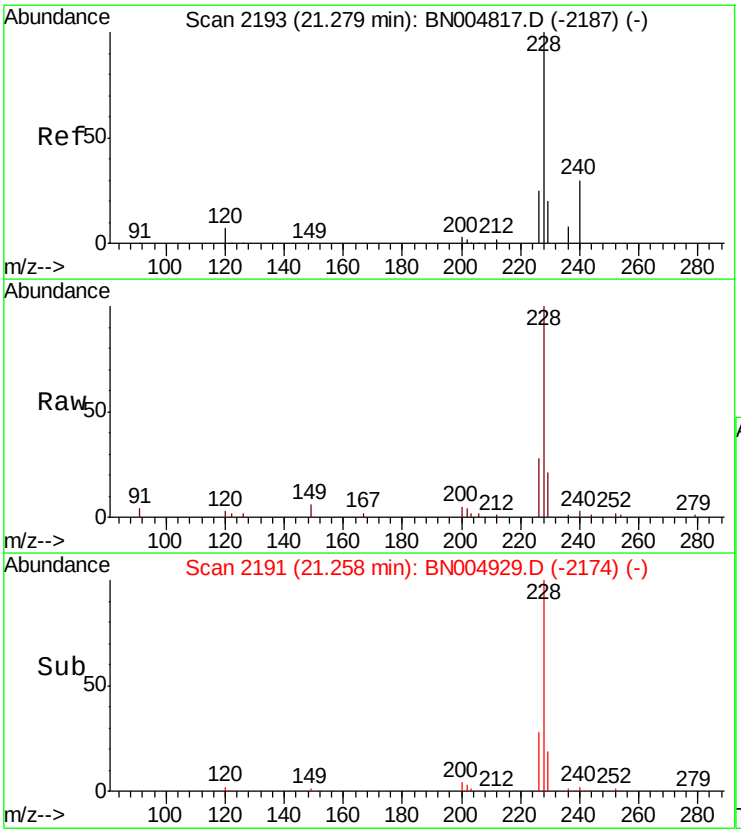
#29
Terphenyl-d14
Concen: 0.233 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:244 Resp: 7089

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.5	7.9	11.9

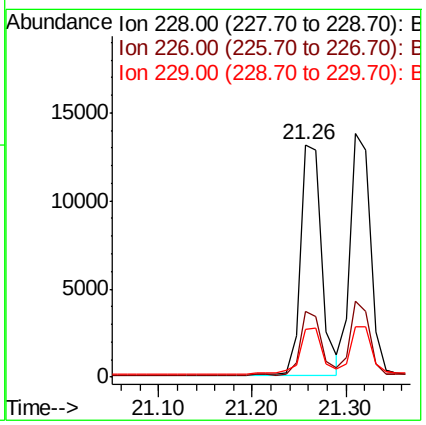


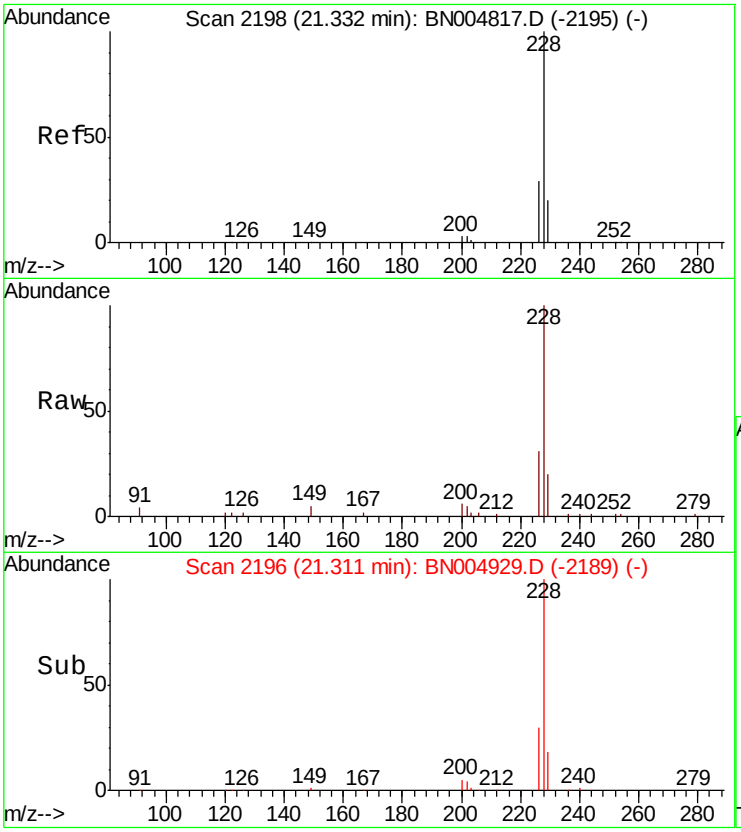


#30
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:228 Resp: 20359

Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.6	31.0
229	20.6	16.2	24.4



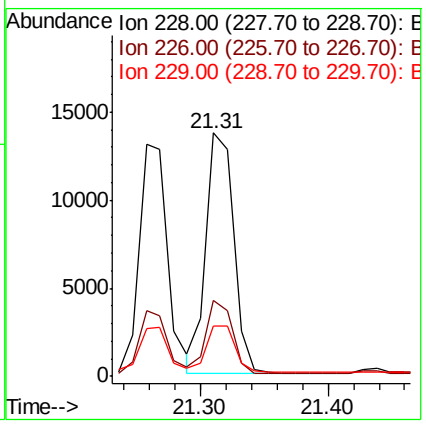


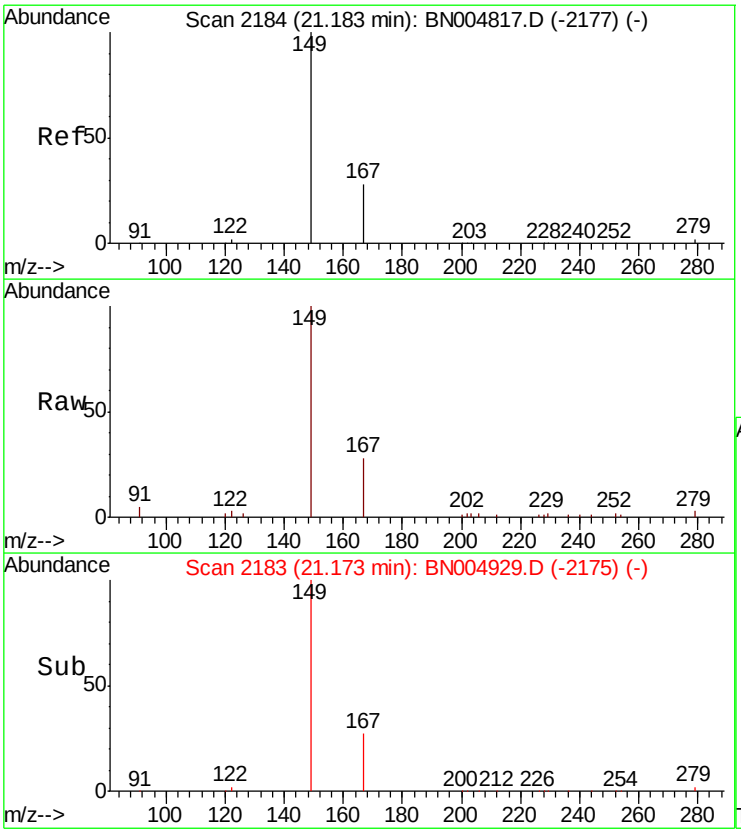
#31
Chrysene
Concen: 0.402 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:228 Resp: 20620

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.6
229	20.4	16.2	24.2

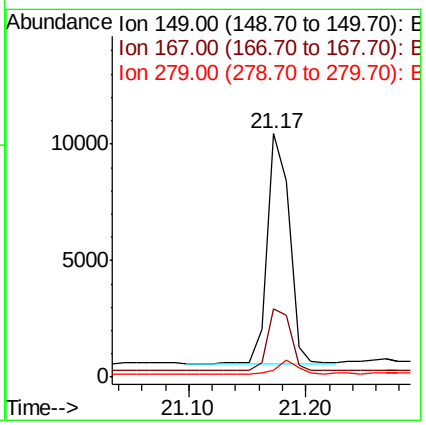


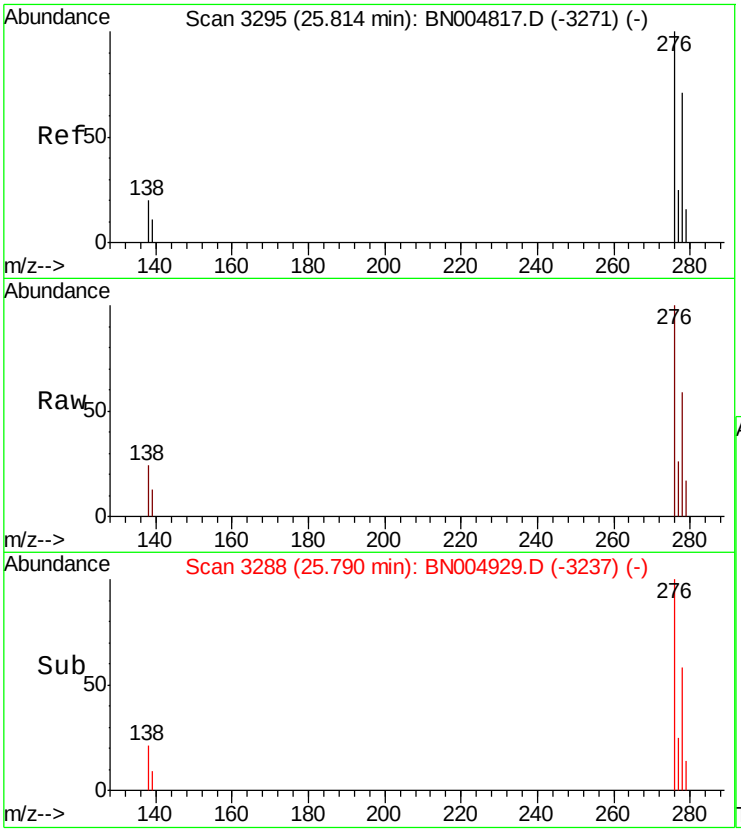


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.663 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:149 Resp: 12902

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	5.3	4.6	6.8



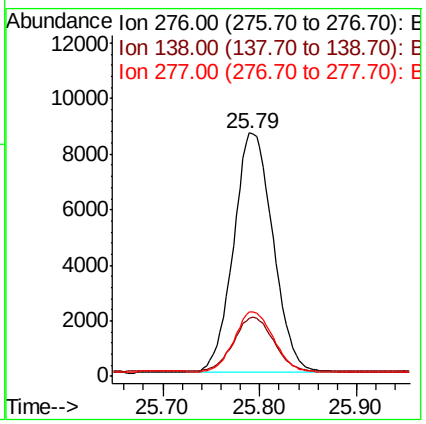


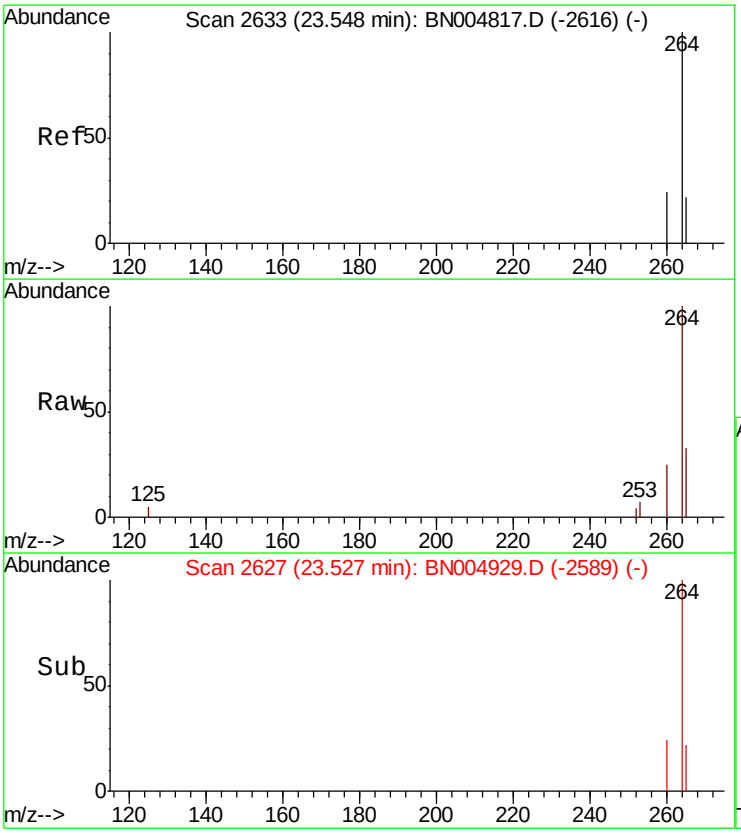
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:276 Resp: 24506

Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.6	24.8
277	24.9	20.3	30.5

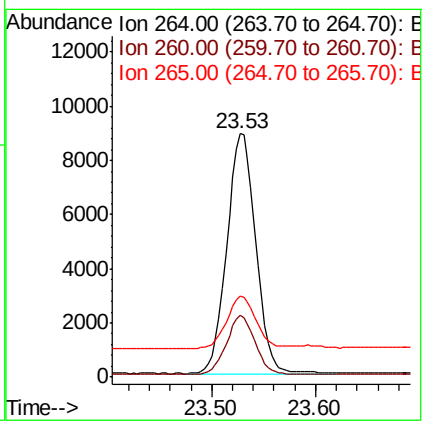


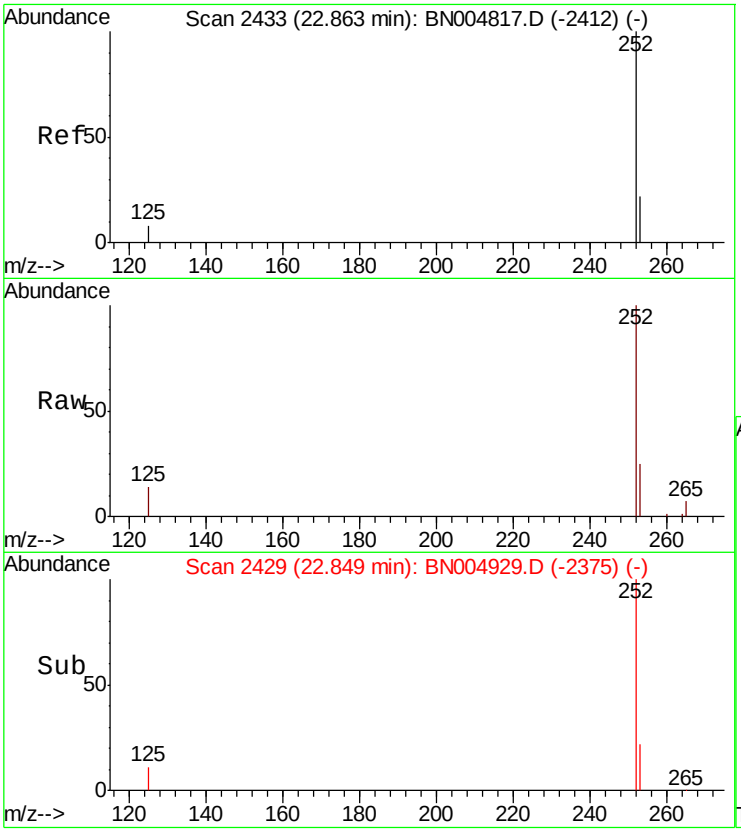


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:264 Resp: 17126

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	33.1	23.1	34.7



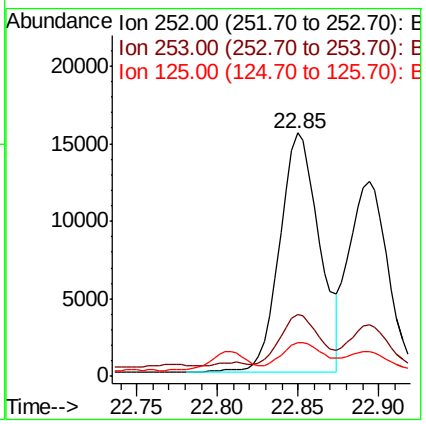


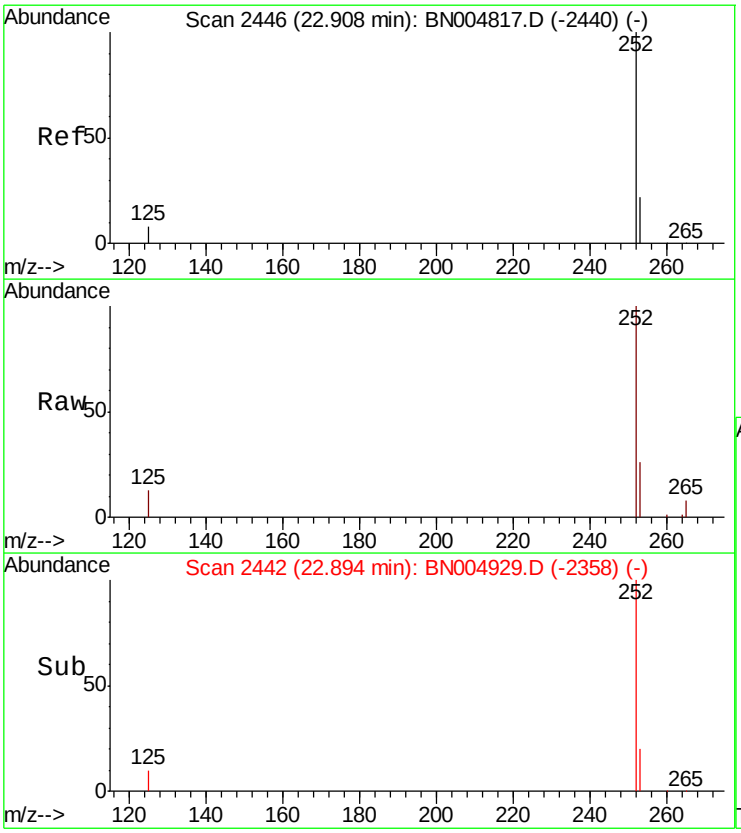
#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:252 Resp: 26269

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	13.7	7.4	11.2#

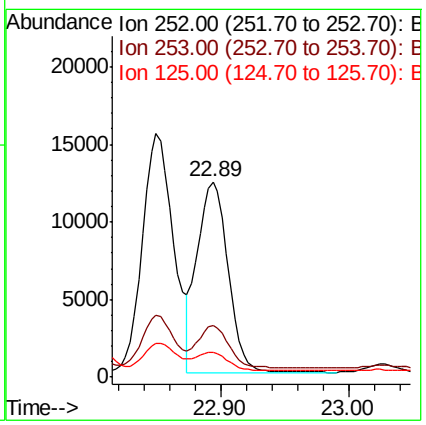


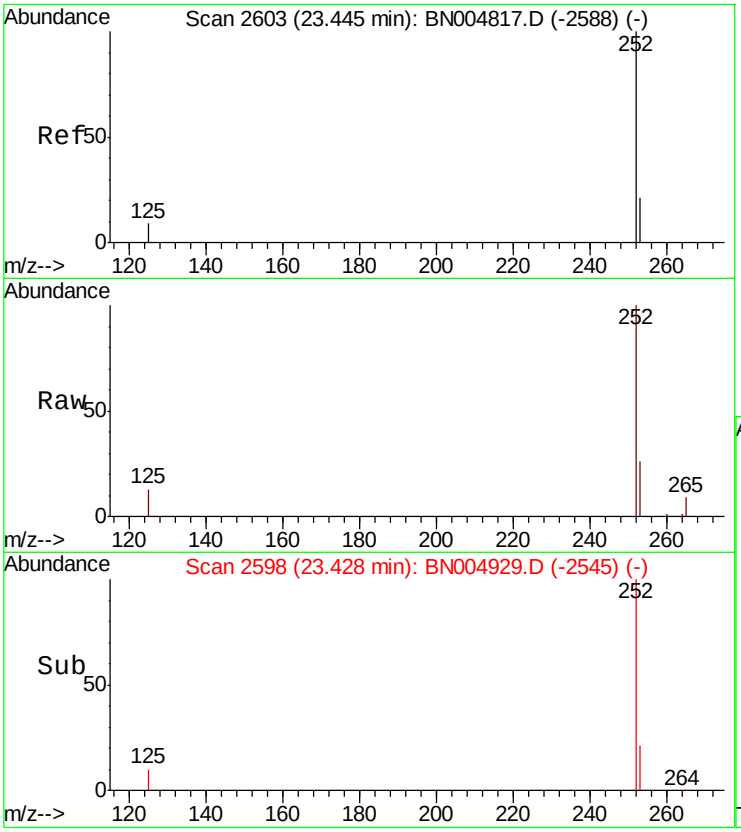


#36
Benzo(k)fluoranthene
Concen: 0.337 ng
RT: 22.89 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:252 Resp: 20537

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.3	28.9
125	12.9	7.4	11.0#



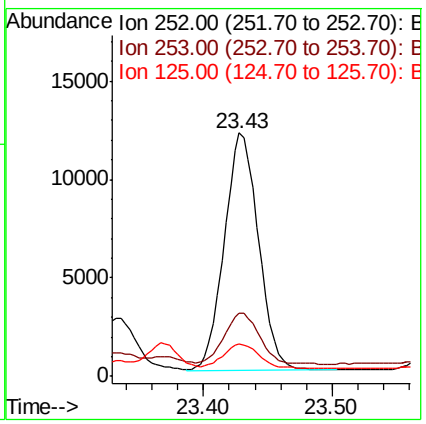


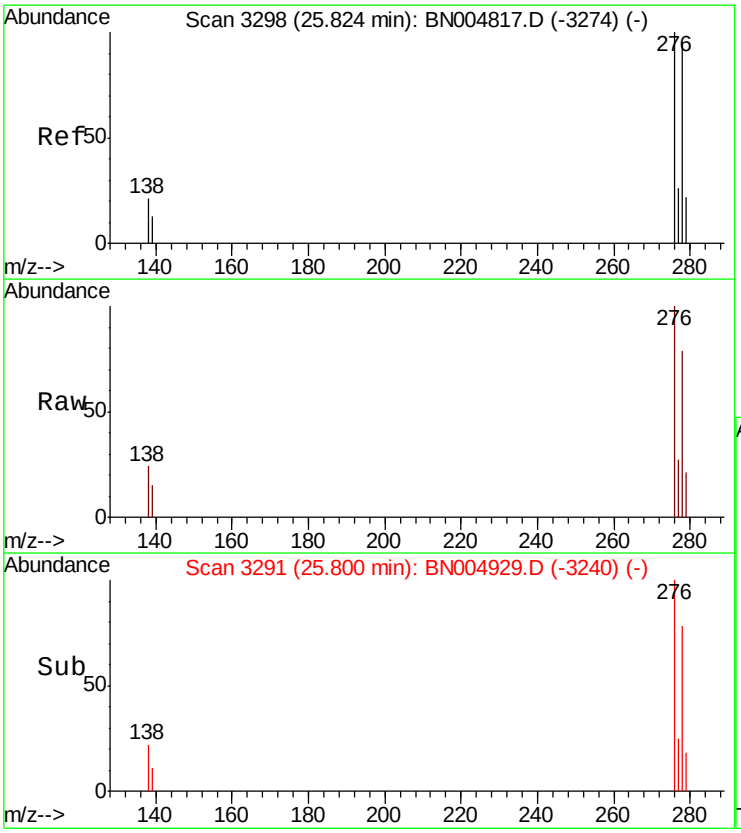
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:252 Resp: 22334

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.7	29.5
125	13.5	8.3	12.5#

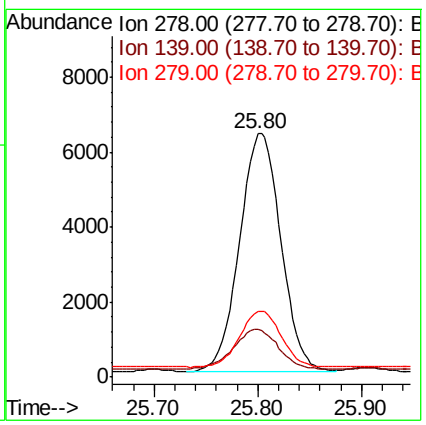


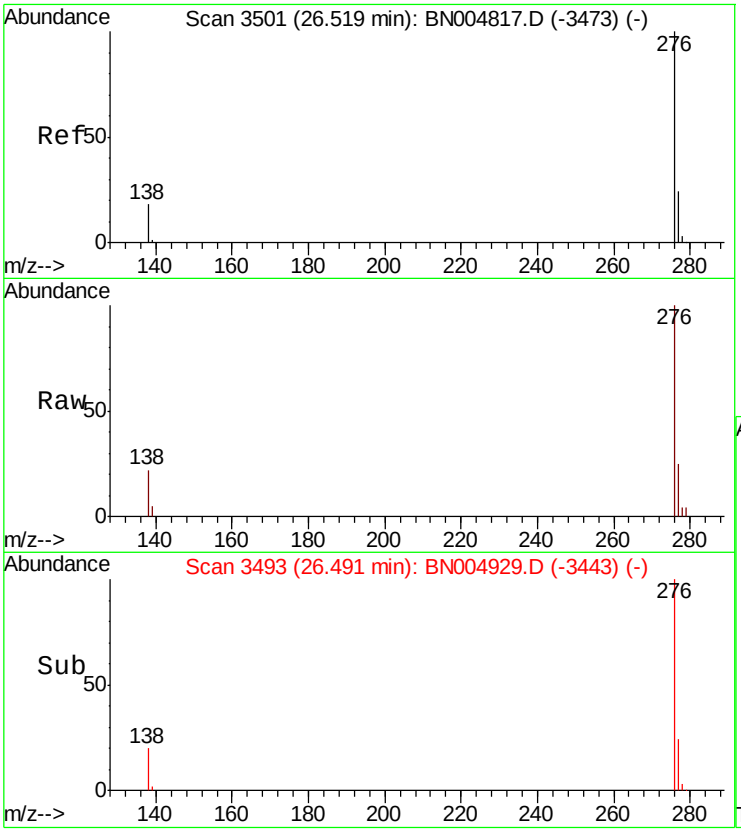


#38
Dibenzo(a,h)anthracene
Concen: 0.268 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

Tgt Ion:278 Resp: 17609

Ion	Ratio	Lower	Upper
278	100		
139	19.5	11.7	17.5#
279	26.8	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.323 ng
RT: 26.49 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BN004929.D
Acq: 23 Mar 2019 20:15

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

Tgt Ion:276 Resp: 21677

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.7	29.5
138	21.8	14.6	22.0