Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006672.D
Acq On : 01 Jul 2019 23:24
Operator : HP/JU
Sample : K3505-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-013-SW107-062019

Quant Time: Jul 02 05:07:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4430	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	17563	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	9649	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	19932	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	18716	0.40	ng		-0.02
34) Perylene-d12	23.48	264	20980	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3460	0.32	ng		0.00
5) Phenol-d6	6.82	99	4691	0.33	ng		0.00
8) Nitrobenzene-d5	8.79	82	3184	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	7089	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1409	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	9504	0.27	ng		-0.01
25) Fluoranthene-d10	19.07	212	12787	0.22	ng		-0.01
29) Terphenyl-d14	19.68	244	8736	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	4291	0.093	ng	#	91
12) 2-Methylnaphthalene	12.07	142	2479	0.078	ng	#	94
16) Acenaphthylene	13.99	152	39782	0.865	ng		100
17) Acenaphthene	14.33	154	3671	0.121	ng		96
18) Fluorene	15.32	166	7681	0.201	ng	#	83
22) Pentachlorophenol	16.71	266	54	0.209	ng	#	82
23) Phenanthrene	17.07	178	141552	2.498	ng		100
24) Anthracene	17.16	178	41877	0.852	ng		99
26) Fluoranthene	19.10	202	349568	5.075	ng		99
28) Pyrene	19.47	202	348041	5.314	ng		97
30) Benzo(a)anthracene	21.24	228	197128	3.222	ng		95
31) Chrysene	21.29	228	180305	2.733	ng		97
32) Bis(2-ethylhexyl)phthalate	21.16	149	4120790	133.803	ng		97
33) Indeno(1,2,3-cd)pyrene	25.71	276	114465	1.714	ng		97
35) Benzo(b)fluoranthene	22.82	252	232821	3.262	ng		99
36) Benzo(k)fluoranthene	22.82	252	232821	3.060	ng		99
37) Benzo(a)pyrene	23.38	252	171552	2.571	ng		99
38) Dibenzo(a,h)anthracene	25.71	278	31560	0.541	ng	#	84
39) Benzo(g,h,i)perylene	26.40	276	115187	1.980	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006672.D
Acq On : 01 Jul 2019 23:24
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BNA_N
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PST-013-SW107-062019

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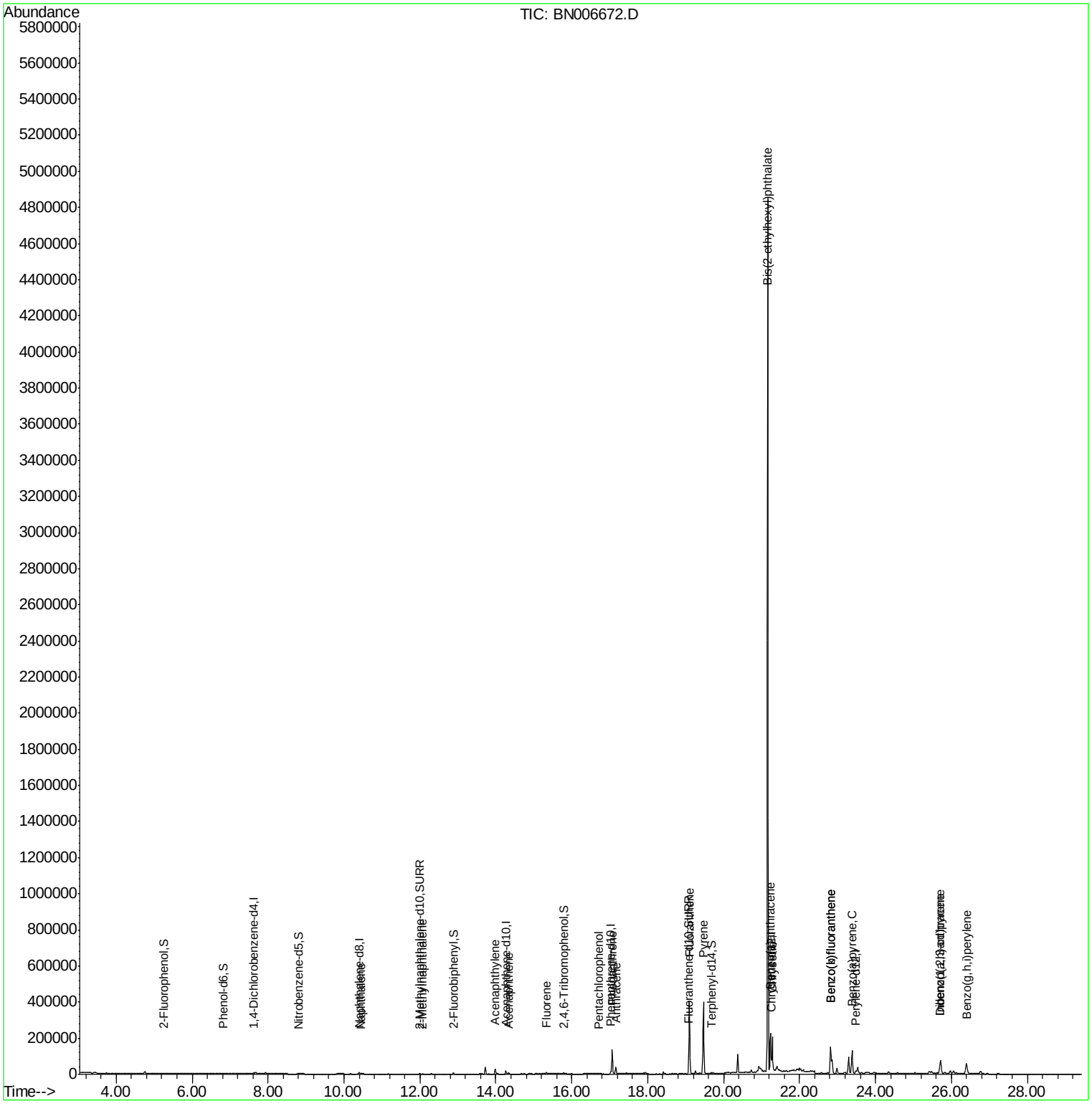
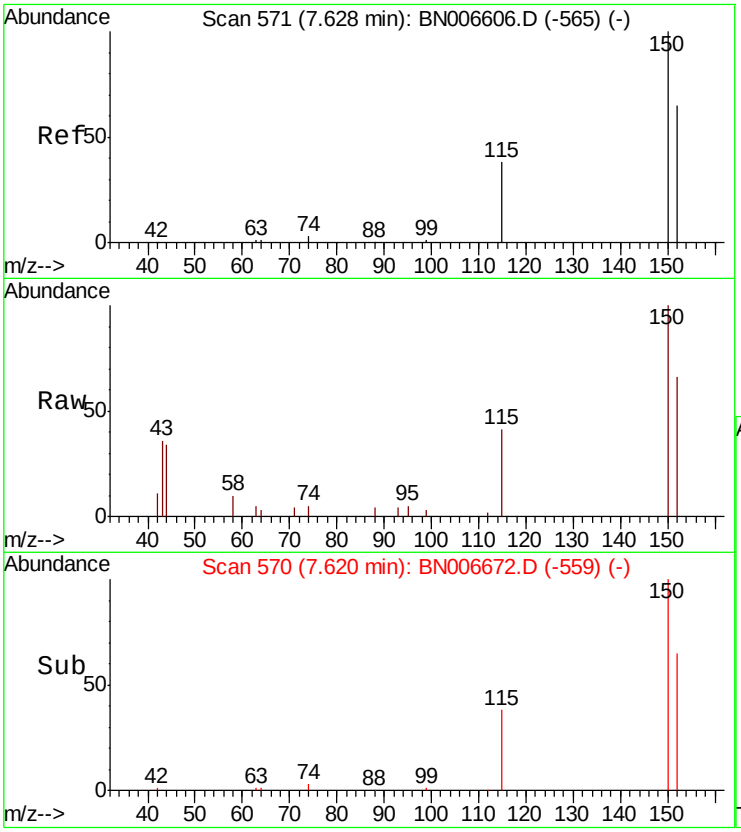
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



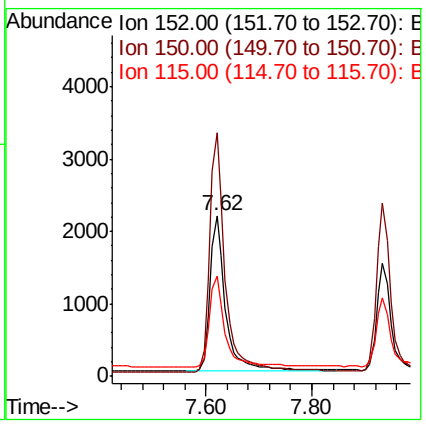


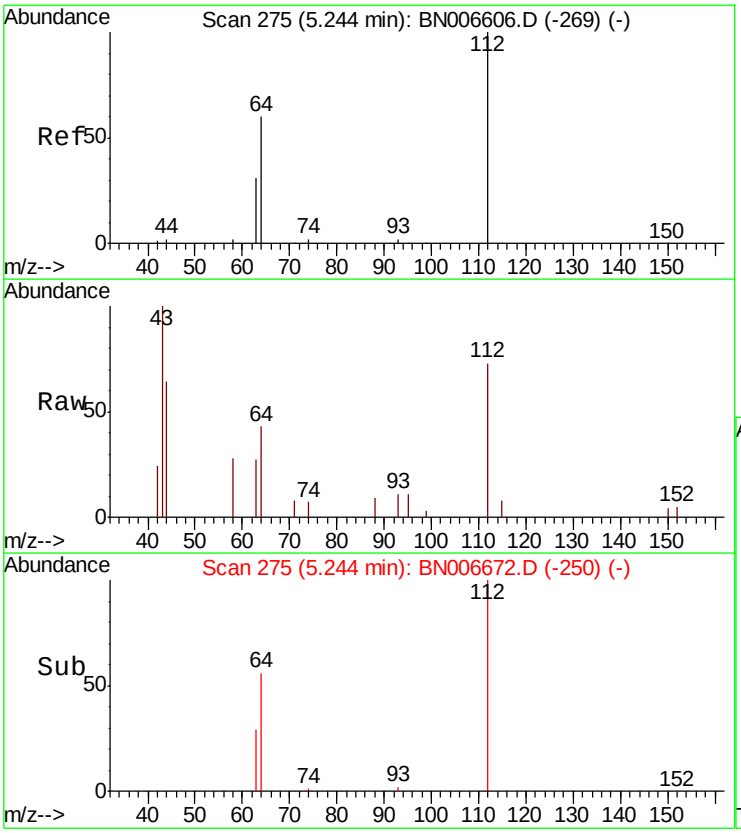
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:152 Resp: 4430

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.2	183.2
115	62.5	50.0	75.0

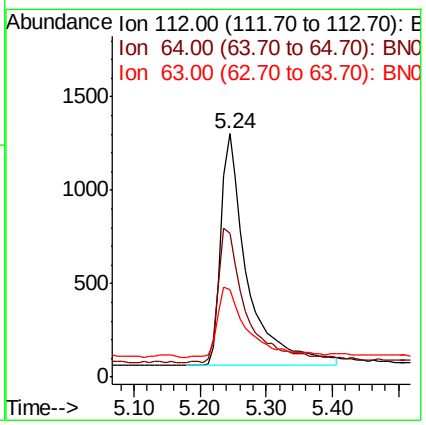


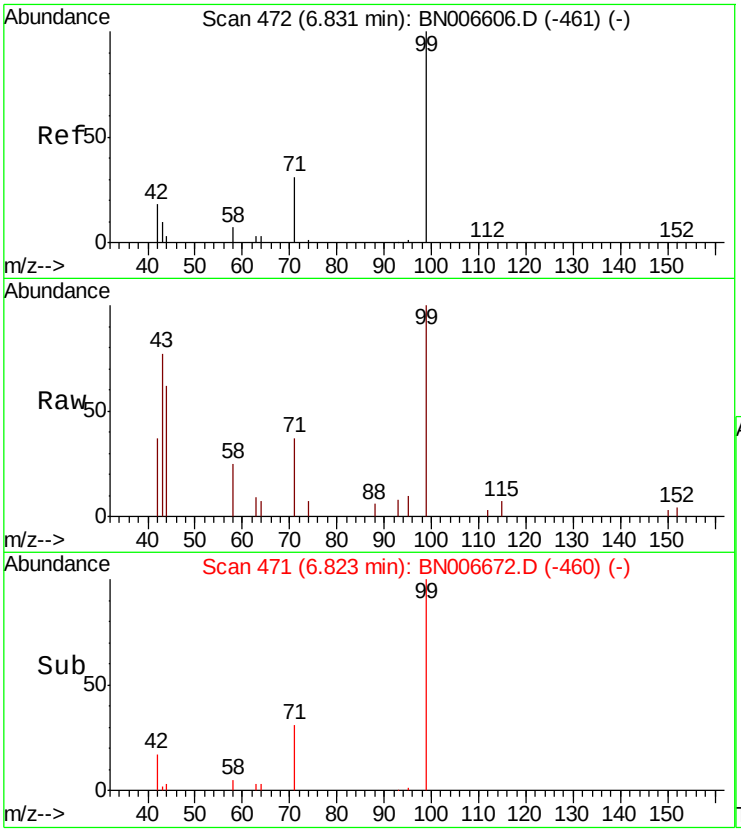


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:112 Resp: 3460

Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.9	73.3
63	34.2	24.3	36.5



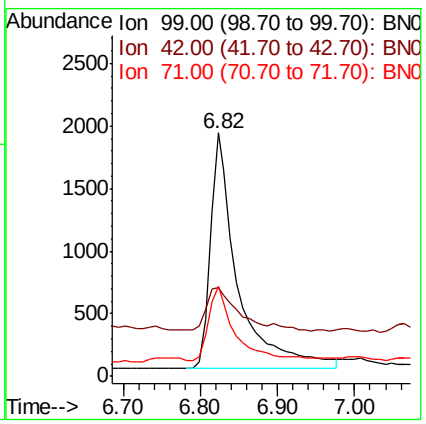


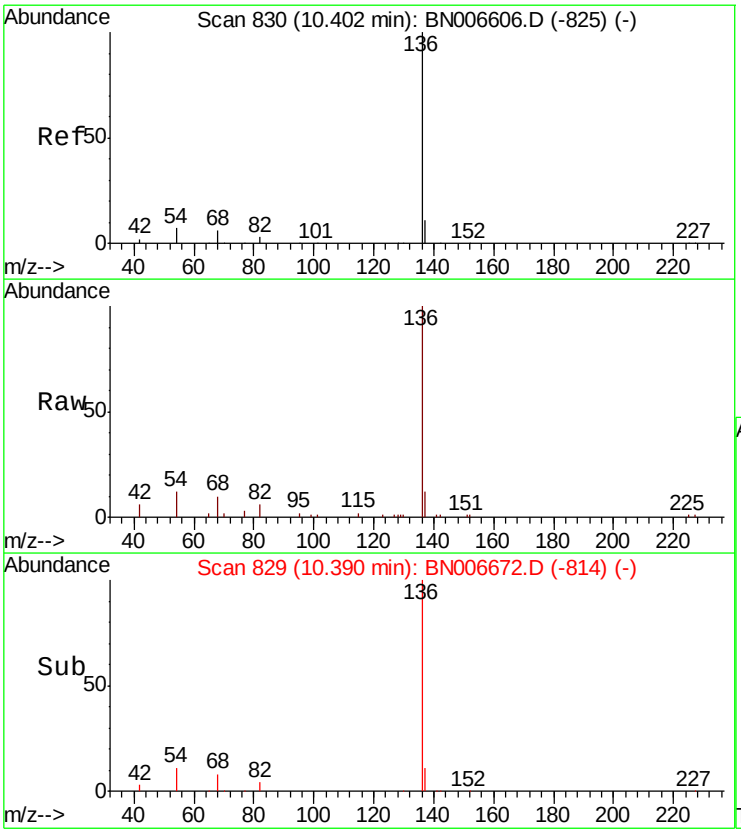
#5
Phenol-d6
Concen: 0.326 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion: 99 Resp: 4691

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.4	24.6
71	29.8	26.6	40.0

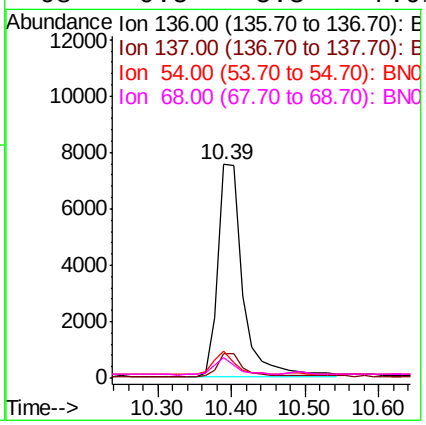


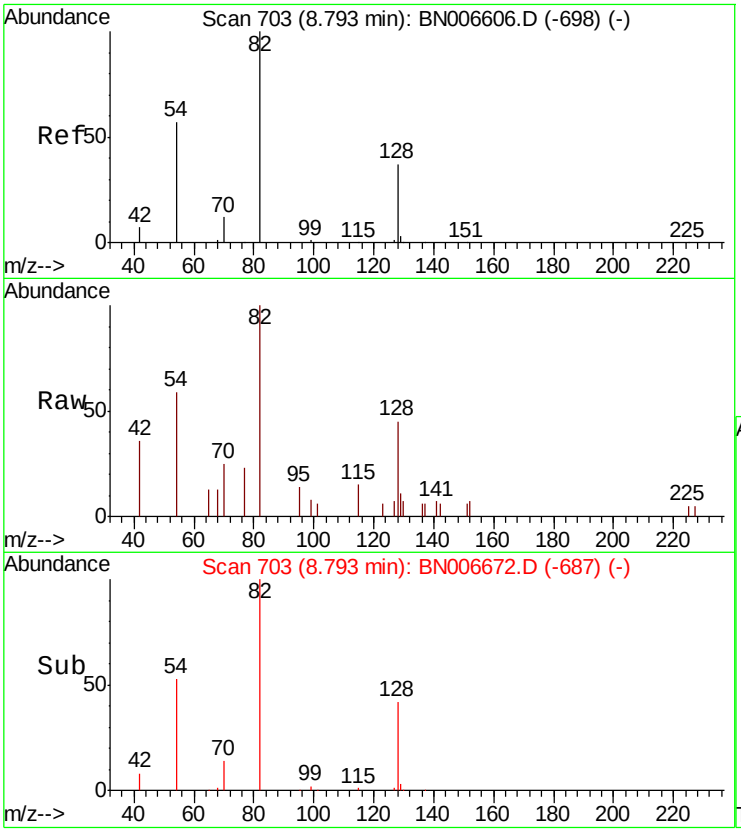


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:136 Resp: 17563

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	12.4	6.7	10.1#
68	9.5	5.3	7.9#



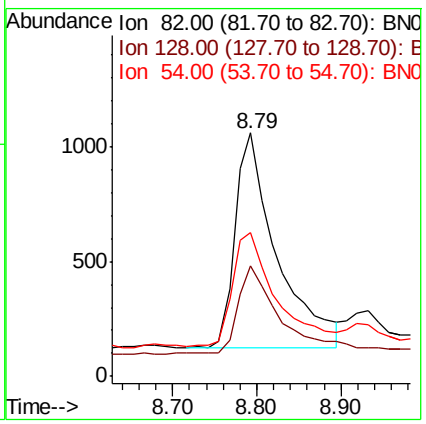


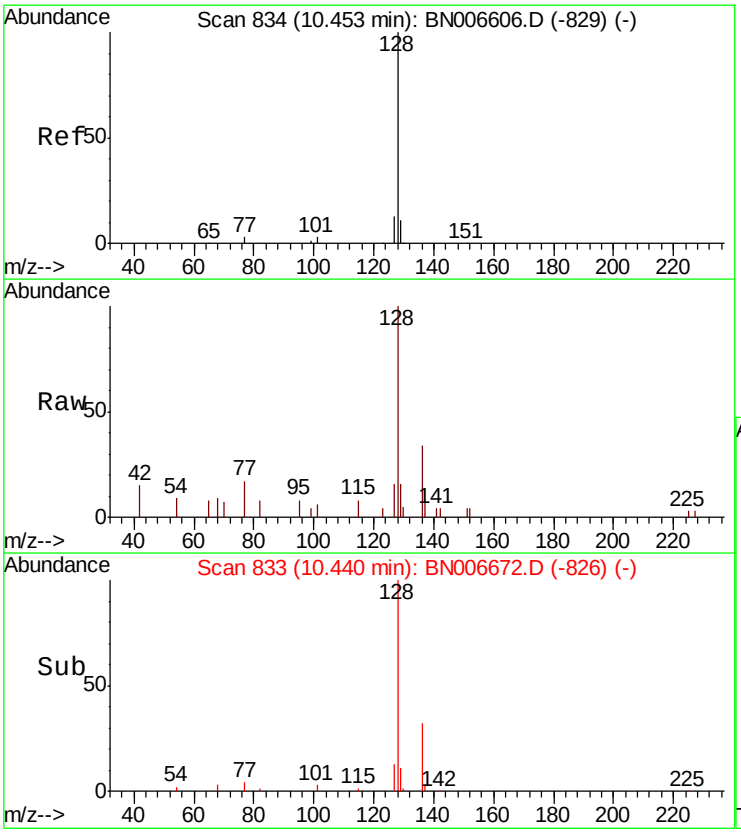
#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion: 82 Resp: 3184

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.6	49.0
54	58.8	48.2	72.4

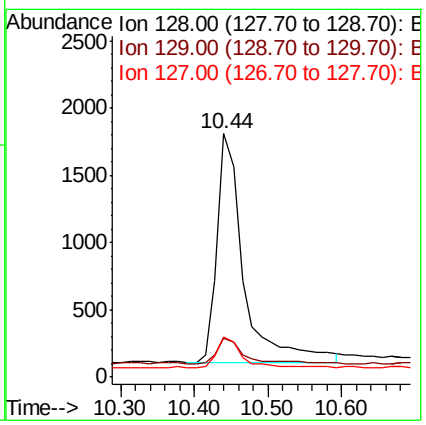


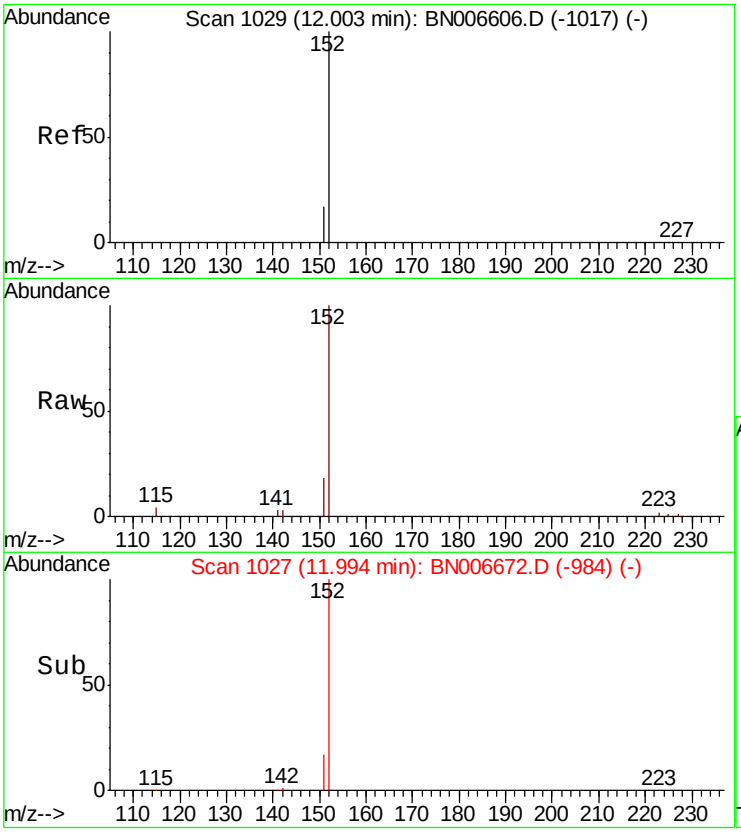


#9
Naphthalene
Concen: 0.093 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:128 Resp: 4291

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.3	13.9#
127	16.3	10.8	16.2#



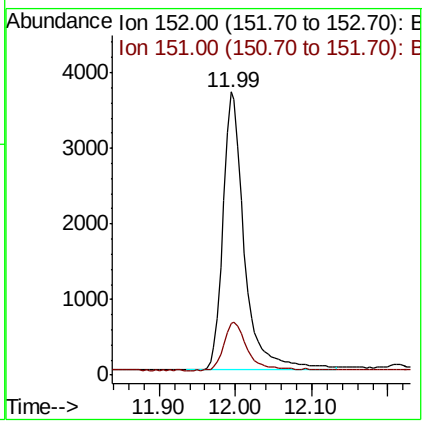


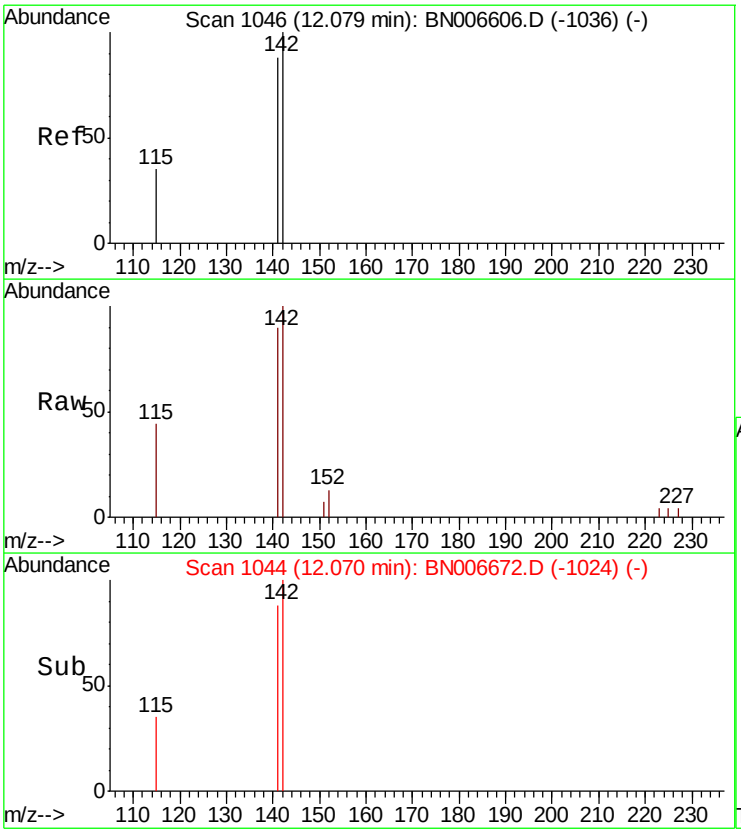
#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:152 Resp: 7089

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.4

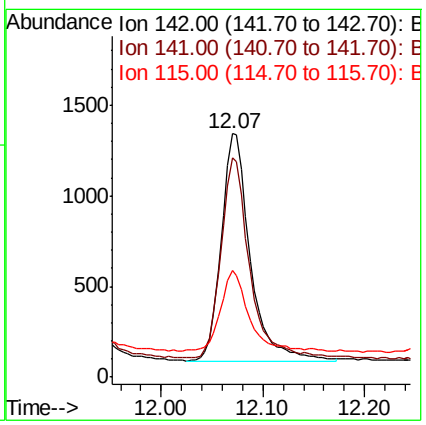


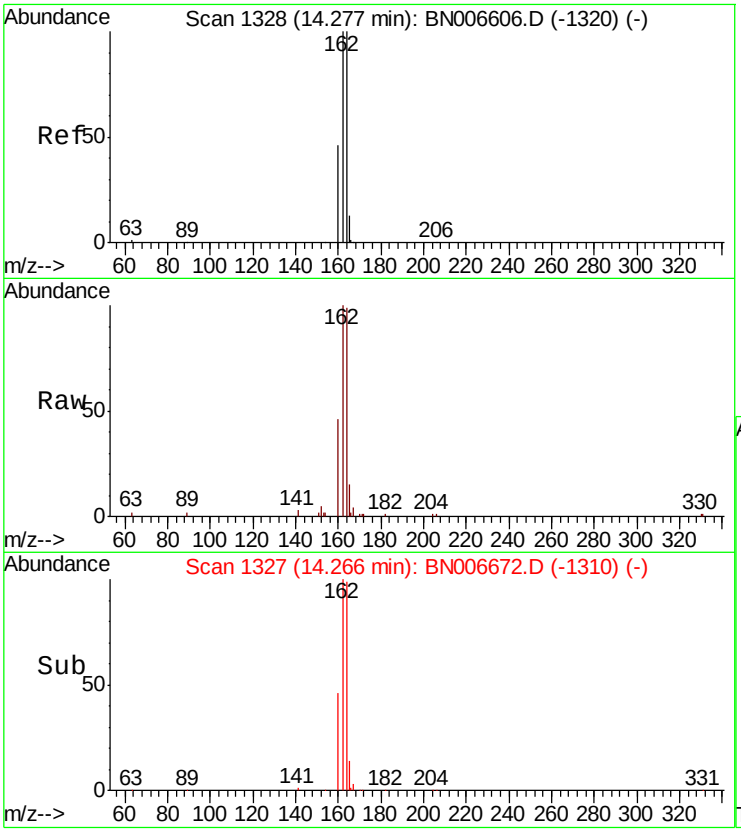


#12
2-Methylnaphthalene
Concen: 0.078 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:142 Resp: 2479

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.2	105.4
115	43.8	28.5	42.7#



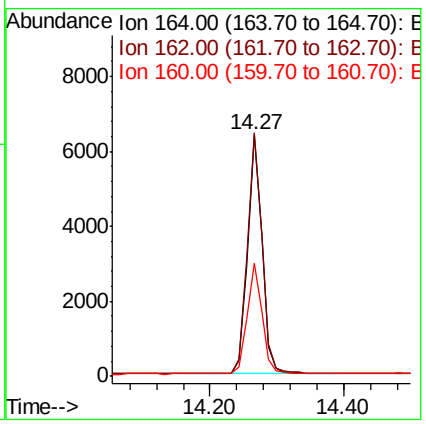


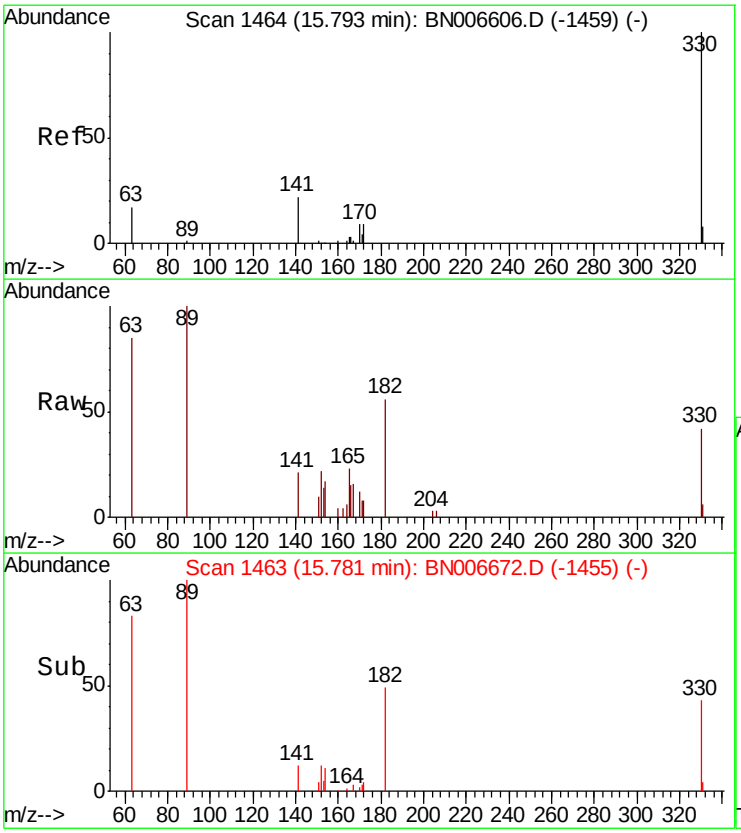
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:164 Resp: 9649

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.0	120.0
160	46.7	37.0	55.4

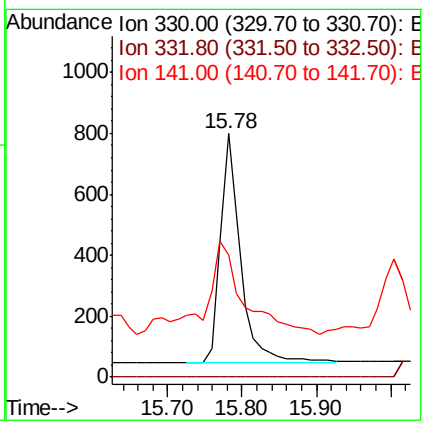


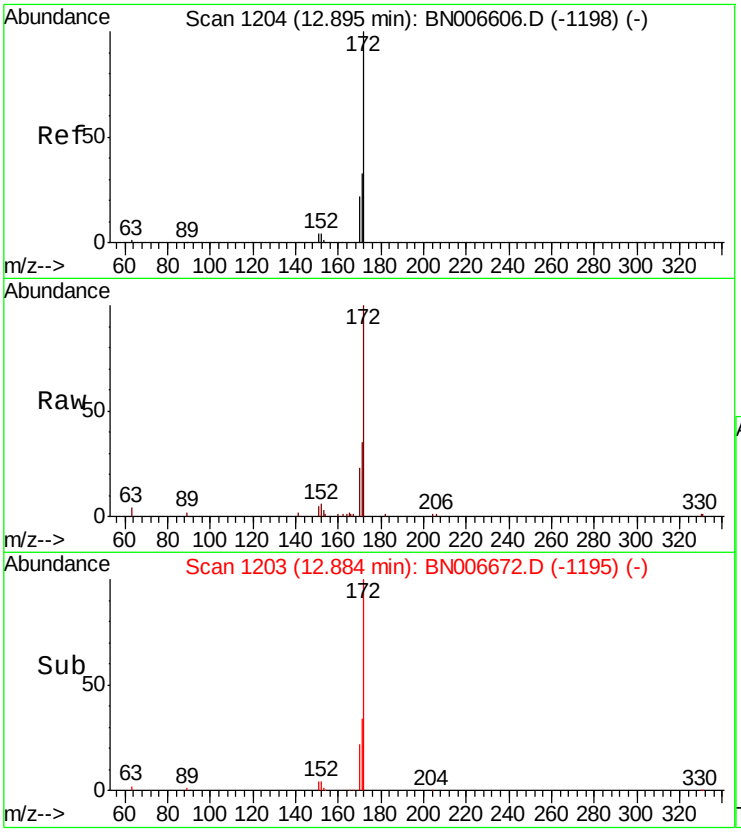


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:330 Resp: 1409

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	71.0	26.5	39.7#



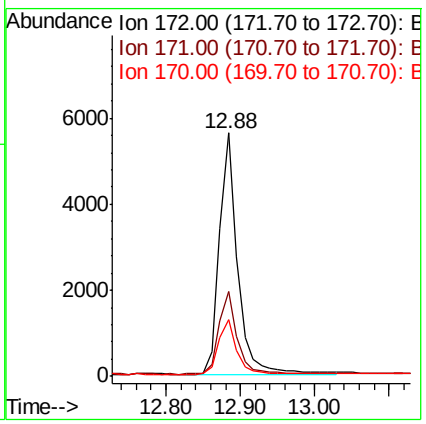


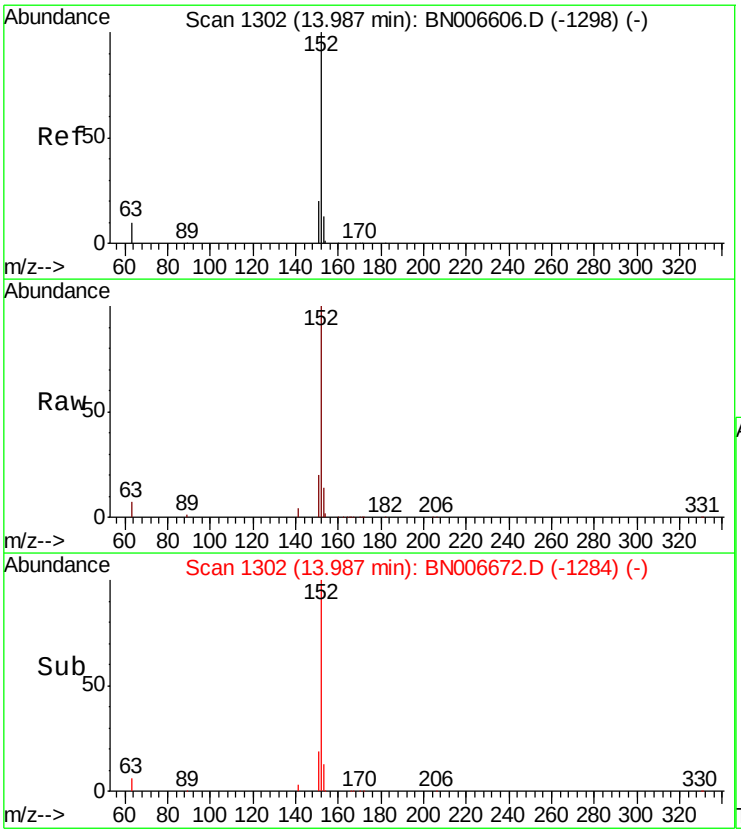
#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:172 Resp: 9504

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.0	40.4
170	23.1	17.7	26.5

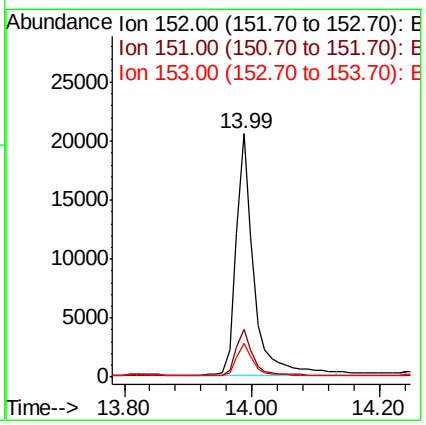


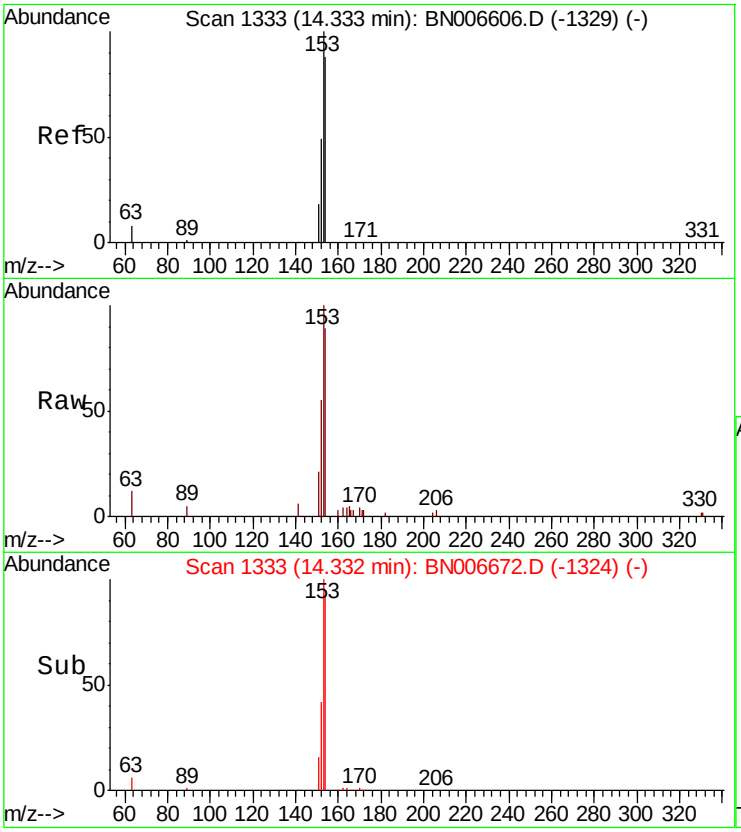


#16
Acenaphthylene
Concen: 0.865 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:152 Resp: 39782

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.5	15.7



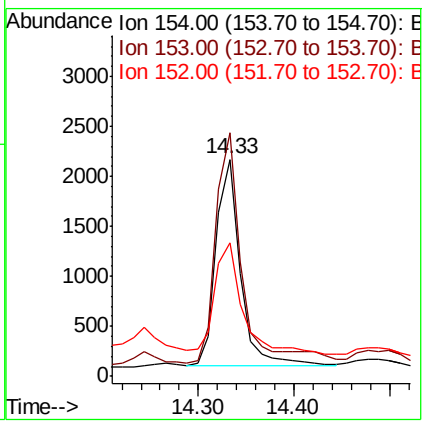


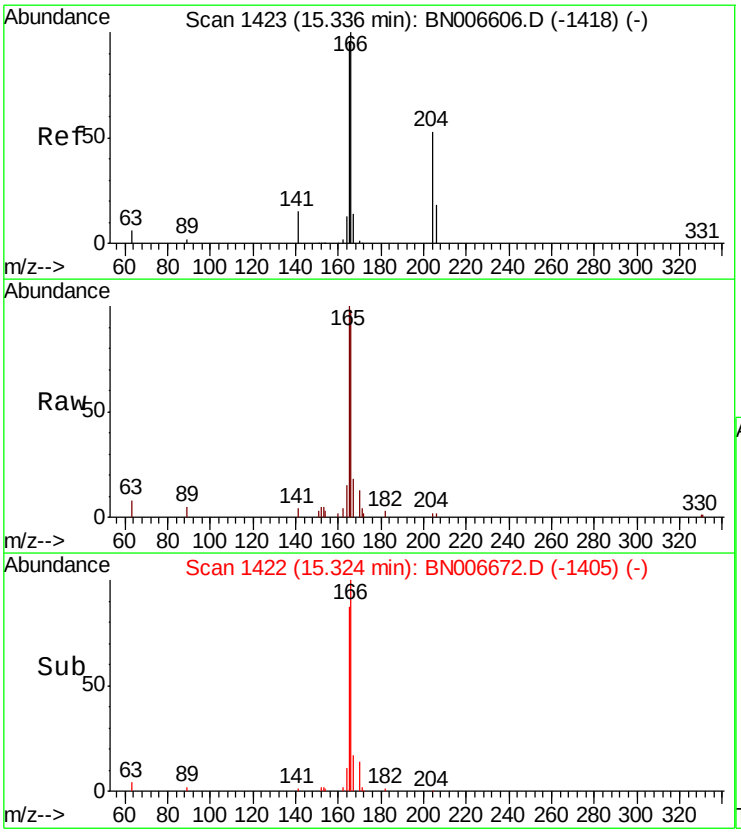
#17
Acenaphthene
Concen: 0.121 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:154 Resp: 3671

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.2	135.4
152	62.1	44.2	66.4

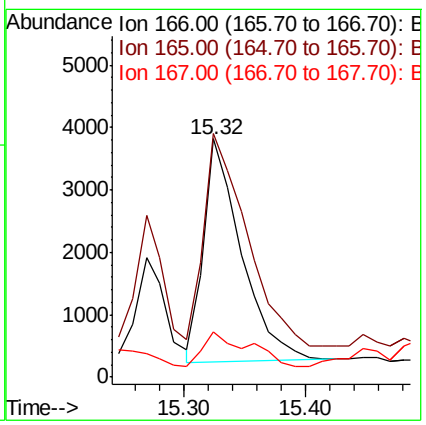


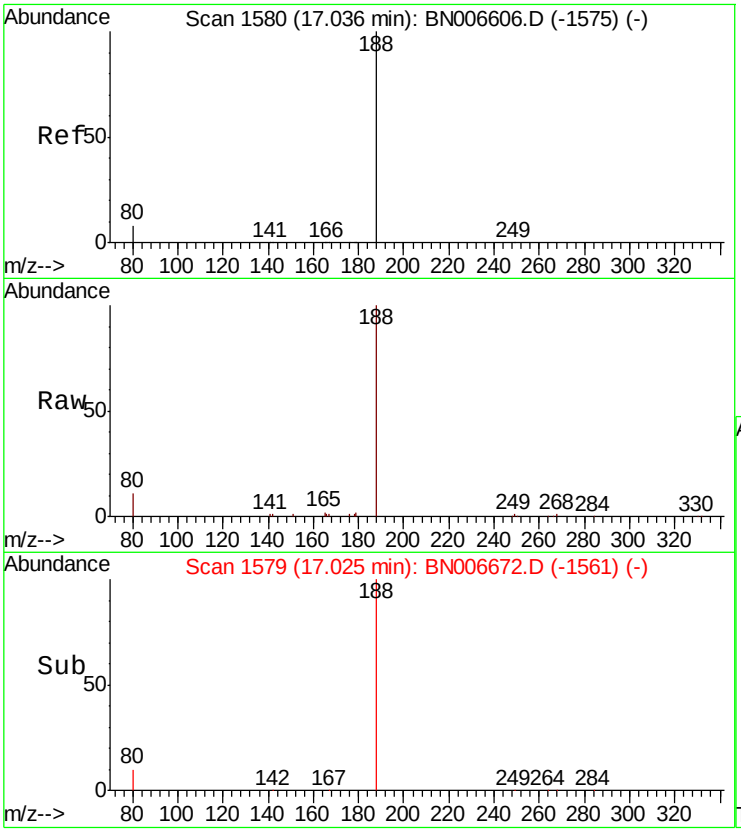


#18
Fluorene
Concen: 0.201 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:166 Resp: 7681

Ion	Ratio	Lower	Upper
166	100		
165	115.7	78.4	117.6
167	18.3	10.8	16.2#



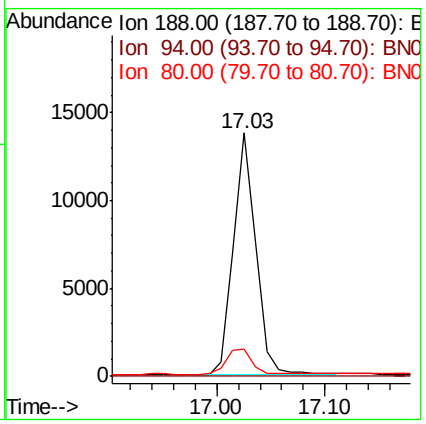


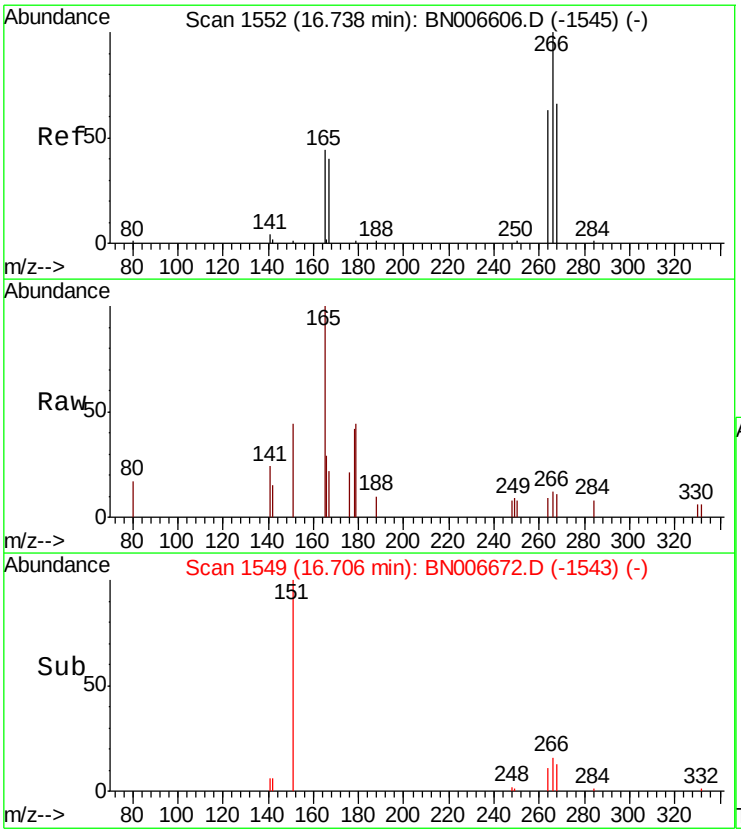
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:188 Resp: 19932

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	7.1	10.7#

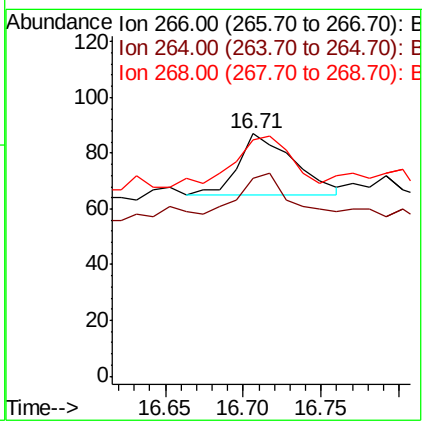


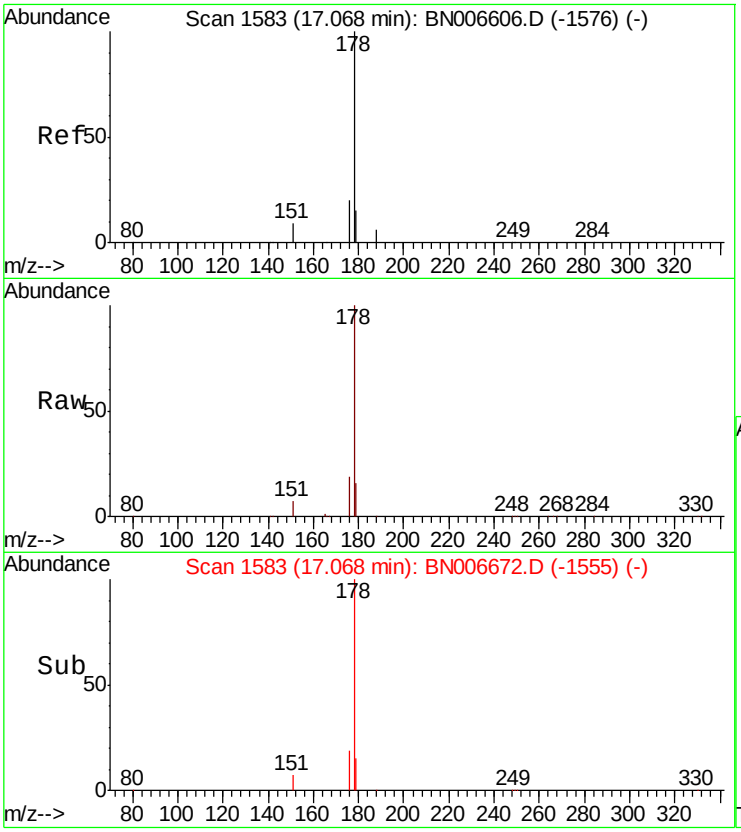


#22
Pentachlorophenol
Concen: 0.209 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
264	81.6	56.2	84.4
268	97.7	63.0	94.4#



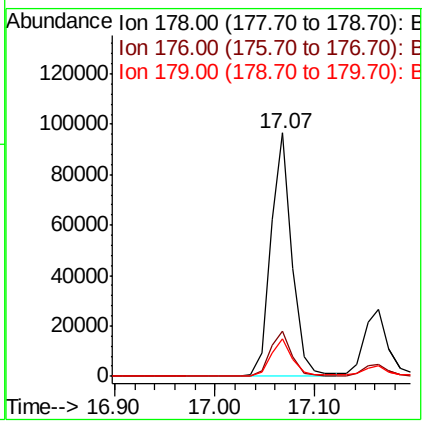


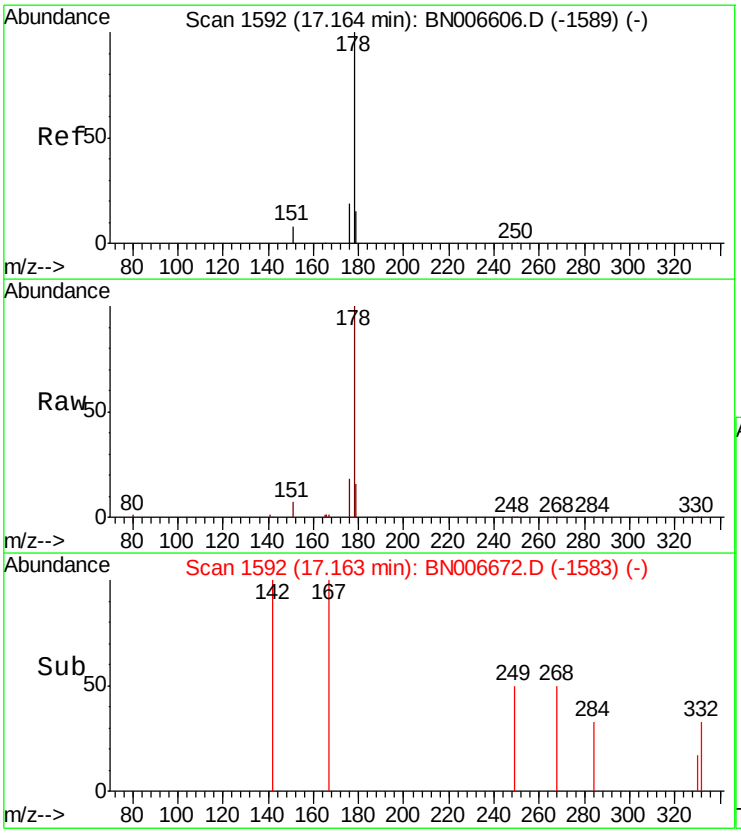
#23
Phenanthrene
Concen: 2.498 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:178 Resp: 141552

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.2	18.4

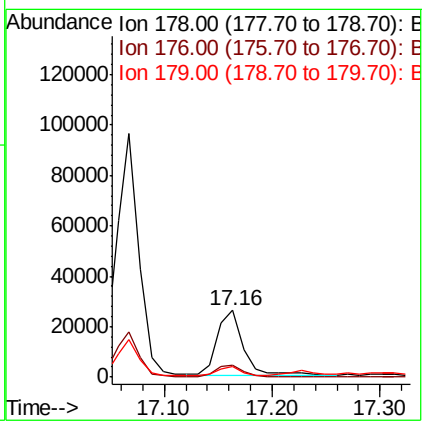


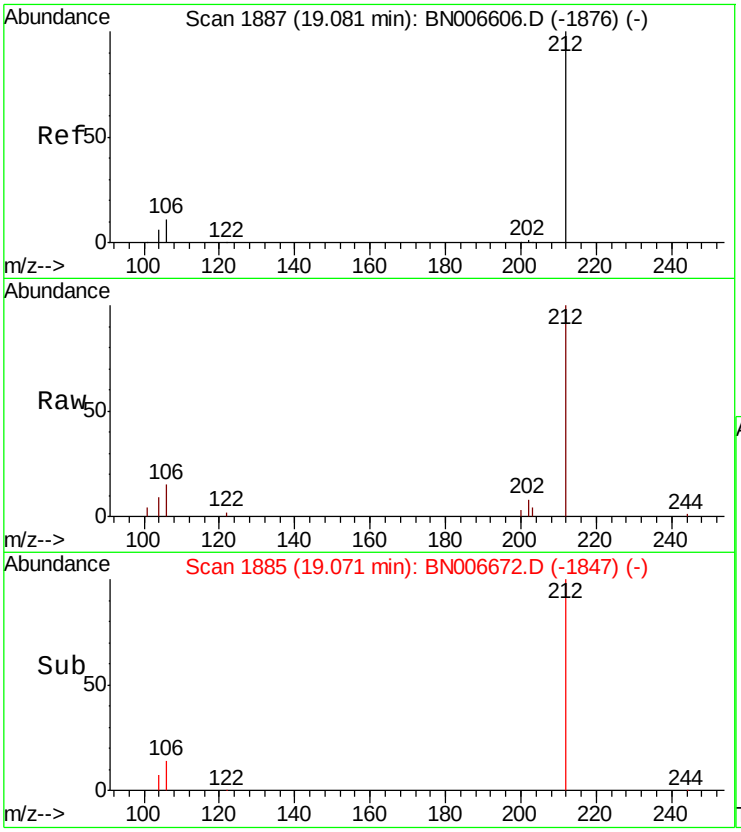


#24
Anthracene
Concen: 0.852 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:178 Resp: 41877

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.4	12.2	18.2



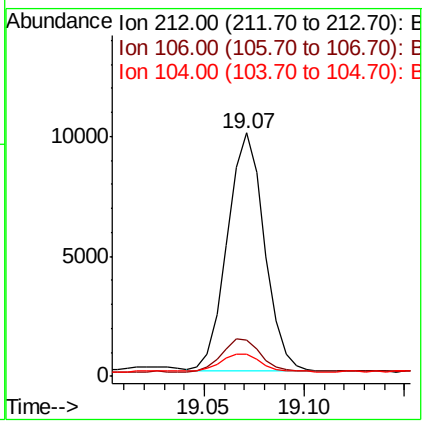


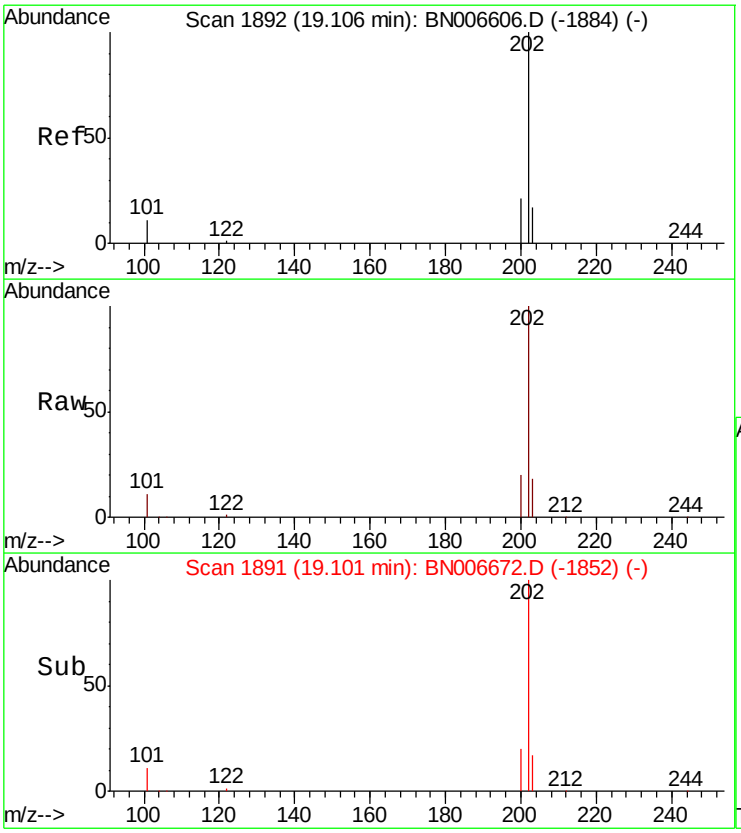
#25
Fluoranthene-d10
Concen: 0.218 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:212 Resp: 12787

Ion	Ratio	Lower	Upper
212	100		
106	14.9	10.6	15.8
104	8.3	5.8	8.6

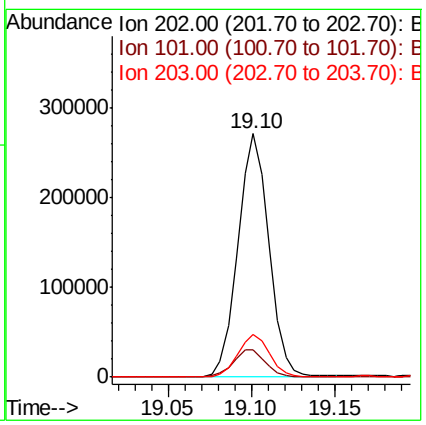


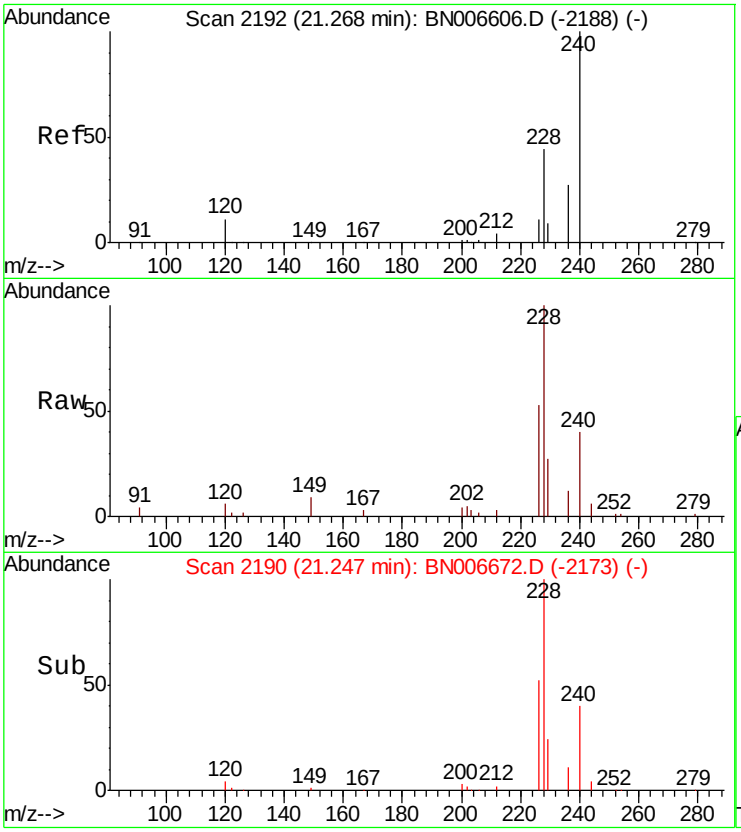


#26
Fluoranthene
Concen: 5.075 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:202 Resp: 349568

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
203	17.6	13.6	20.4



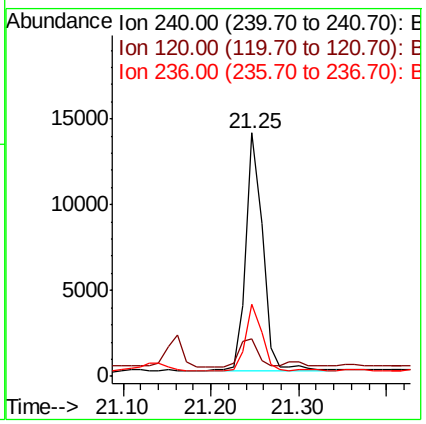


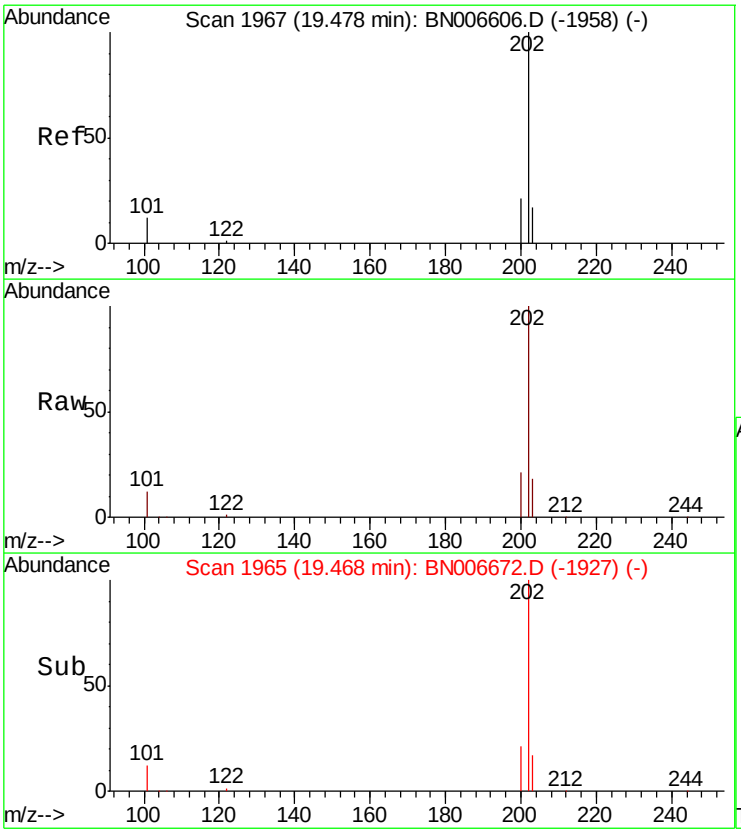
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:240 Resp: 18716

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.9	14.9#
236	29.5	22.2	33.4

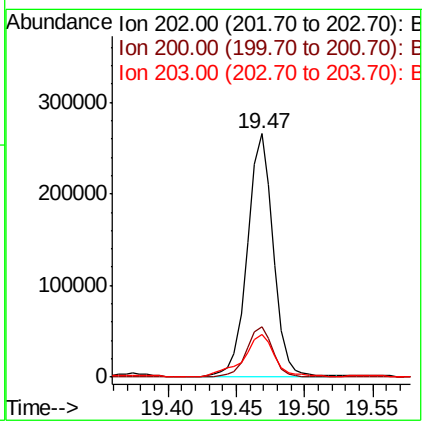


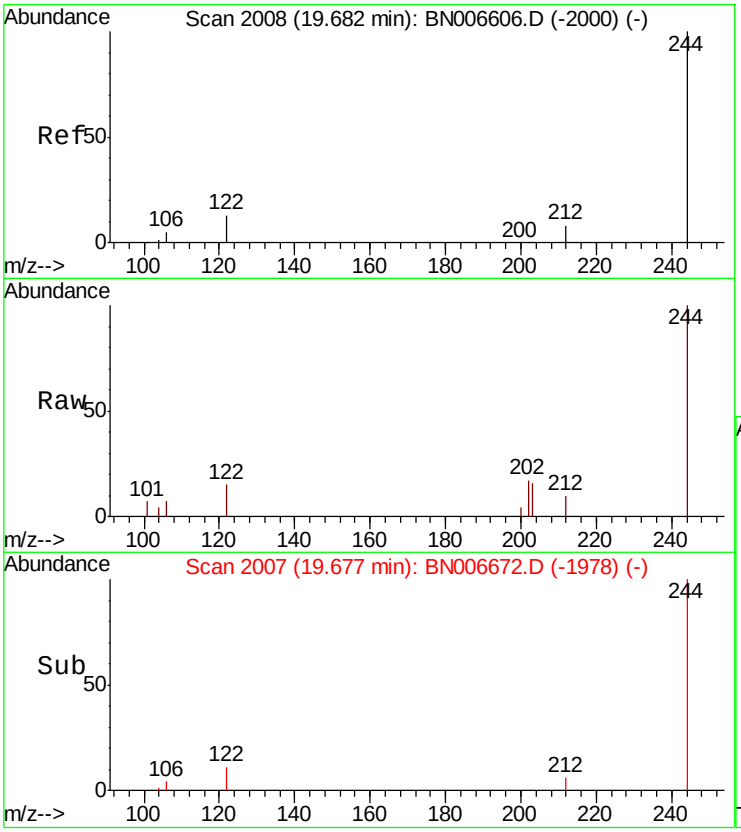


#28
Pyrene
Concen: 5.314 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:202 Resp: 348041

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	20.9	14.1	21.1



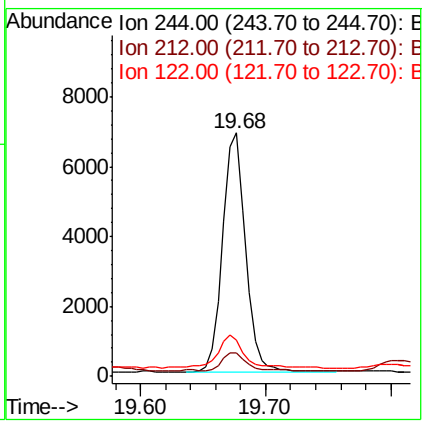


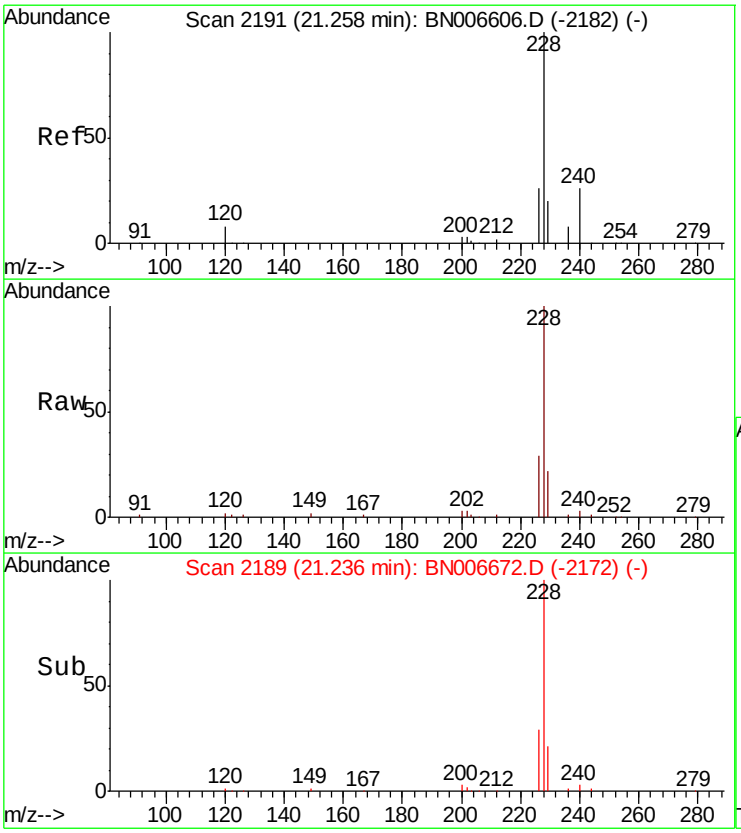
#29
Terphenyl-d14
Concen: 0.223 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:244 Resp: 8736

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	14.7	11.0	16.6

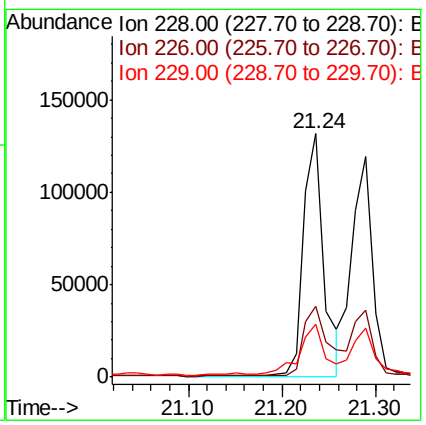


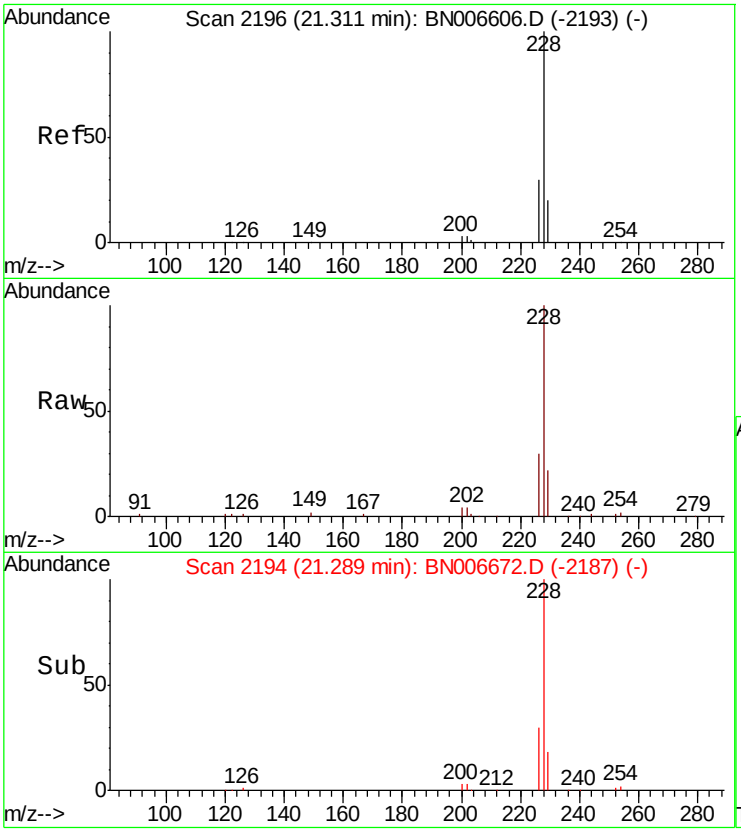


#30
Benzo(a)anthracene
Concen: 3.222 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:228 Resp: 197128

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.2	31.8
229	21.9	16.1	24.1



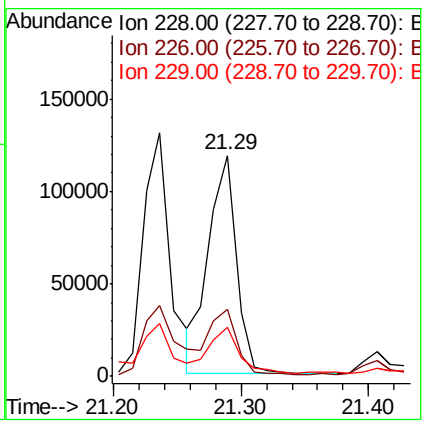


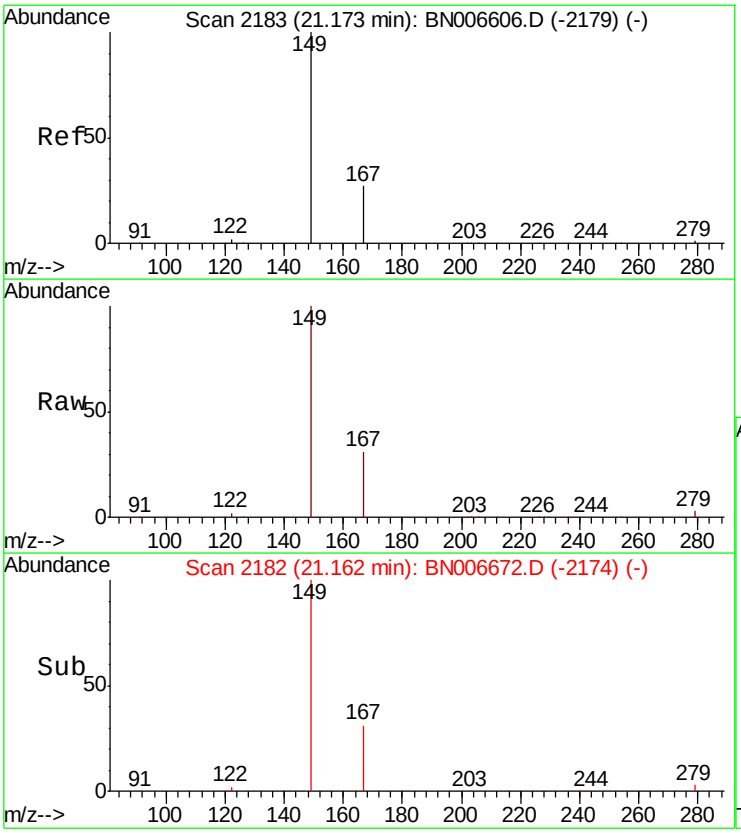
#31
Chrysene
Concen: 2.733 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:228 Resp: 180305

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	22.3	15.9	23.9

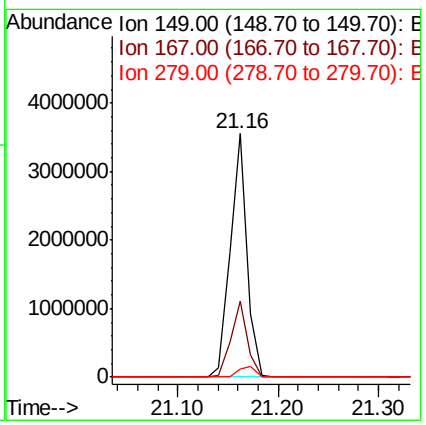


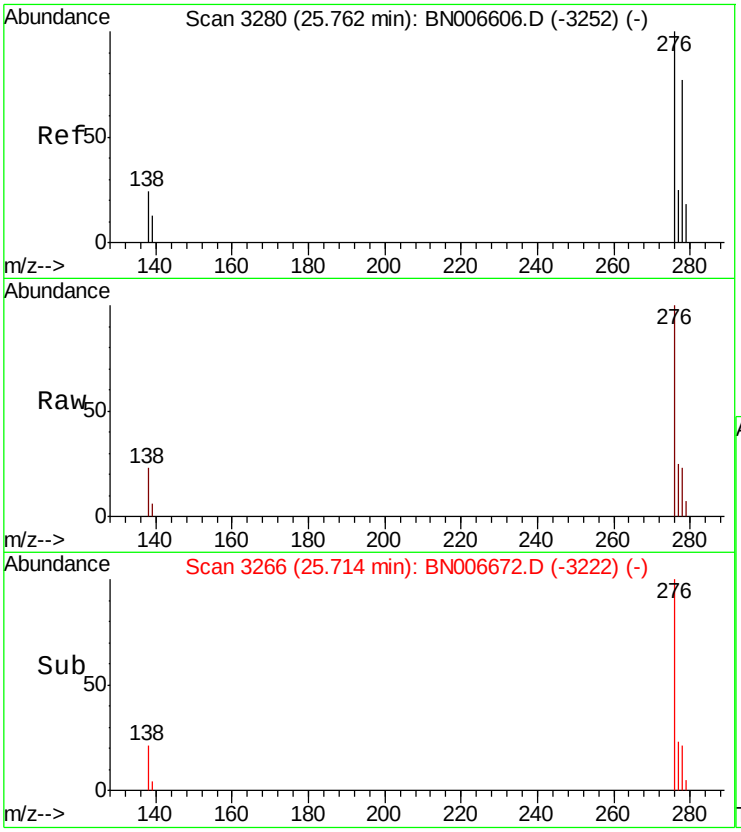


#32
Bis(2-ethylhexyl)phthalate
Concen: 133.803 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:149 Resp: 4120790

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.9	34.3
279	4.5	3.3	4.9



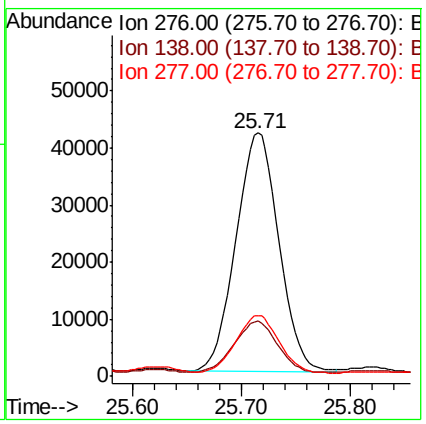


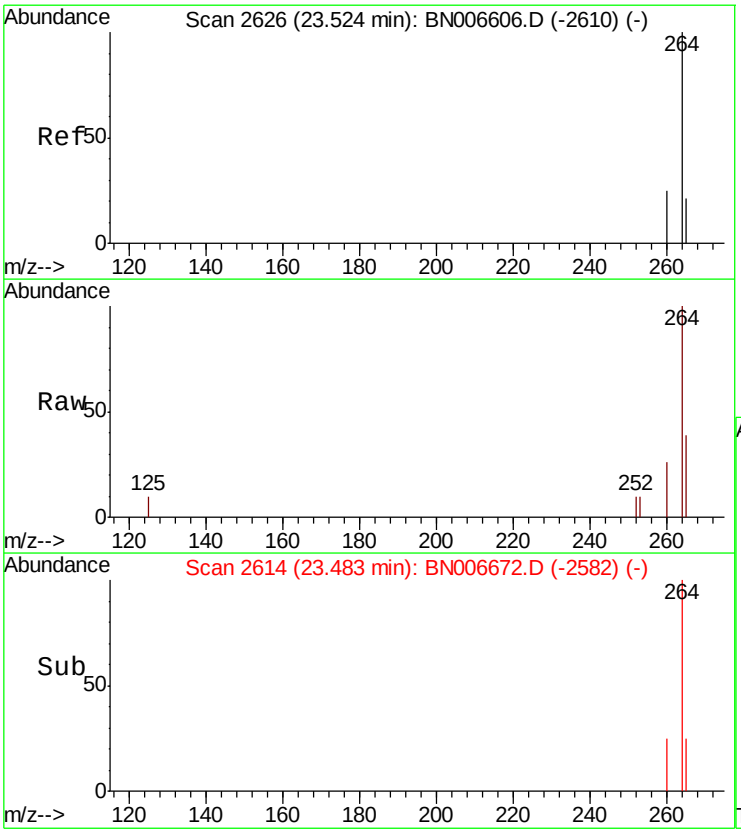
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.714 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:276 Resp: 114465

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.3	28.9
277	24.2	19.9	29.9

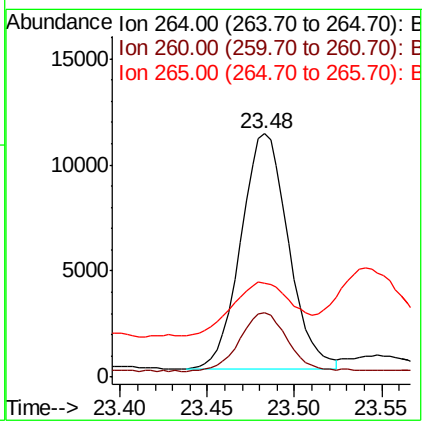


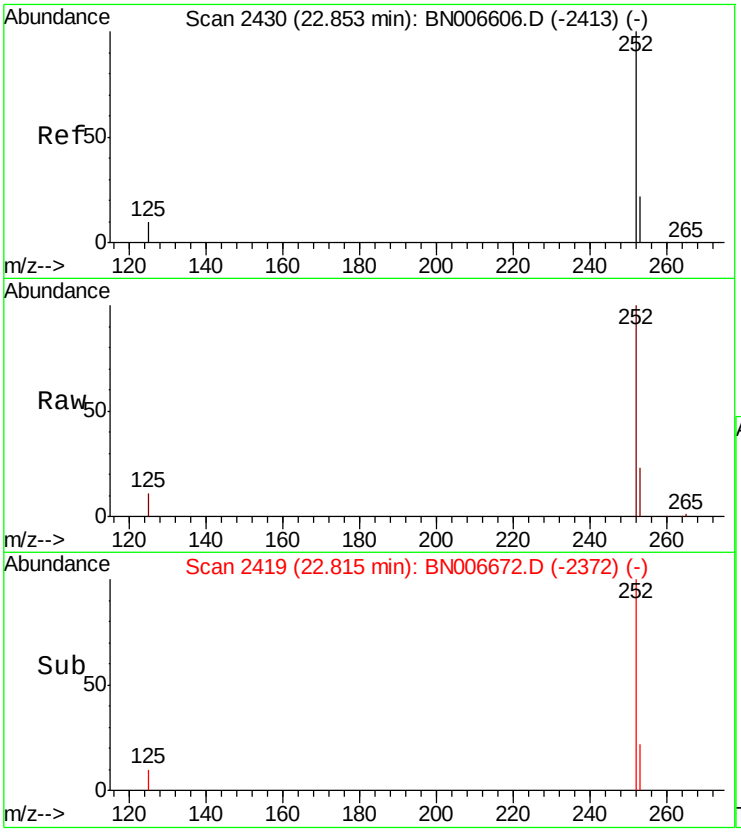


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2614
Delta R.T. -0.04 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:264 Resp: 20980

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	38.5	23.3	34.9#



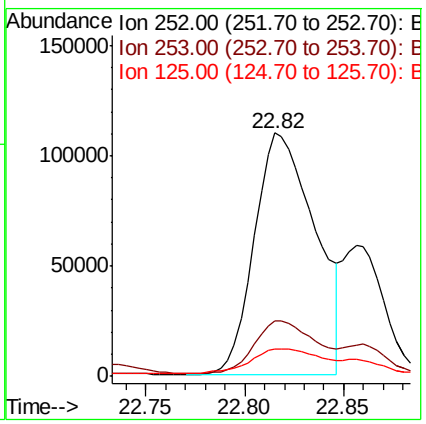


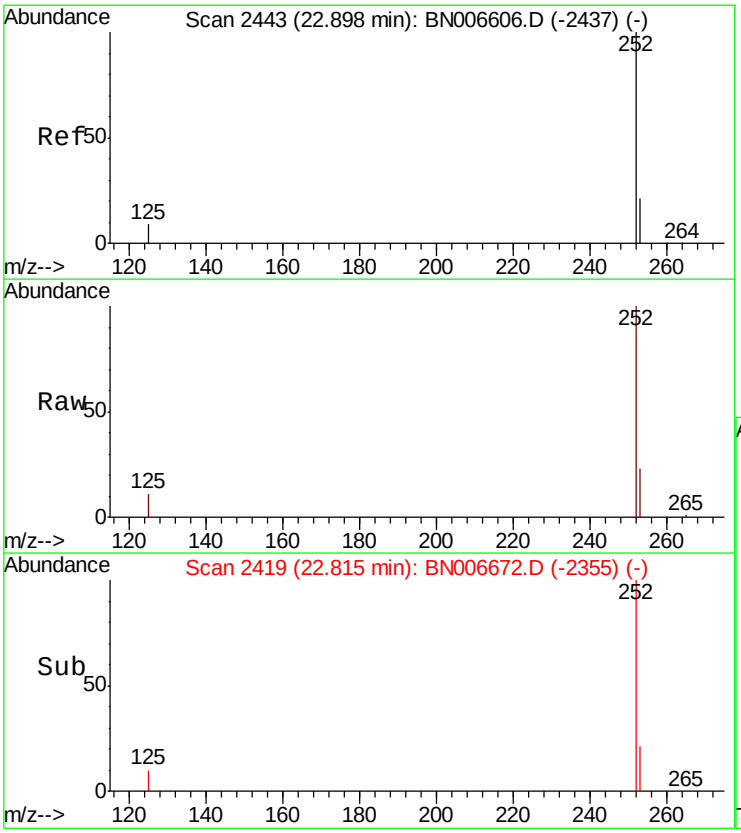
#35
Benzo(b)fluoranthene
Concen: 3.262 ng
RT: 22.82 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:252 Resp: 232821

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.3	8.7	13.1

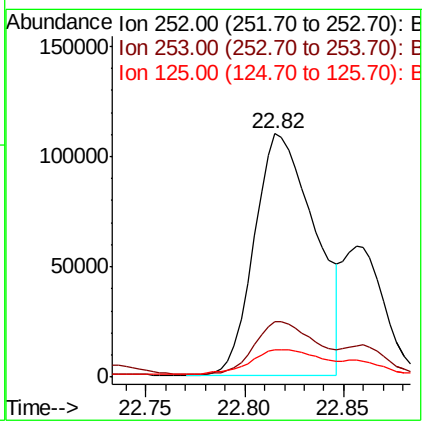


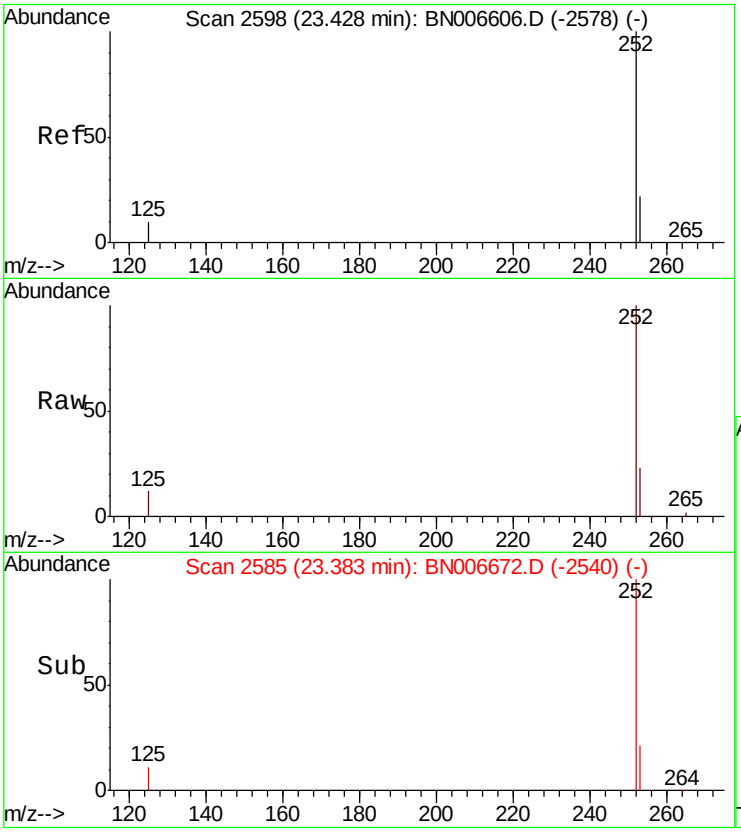


#36
Benzo(k)fluoranthene
Concen: 3.060 ng
RT: 22.82 min Scan# 2419
Delta R.T. -0.08 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:252 Resp: 232821

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	11.3	8.4	12.6



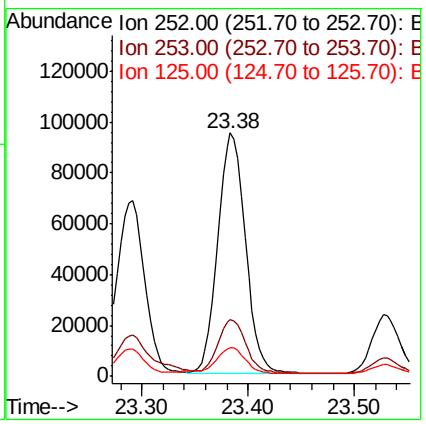


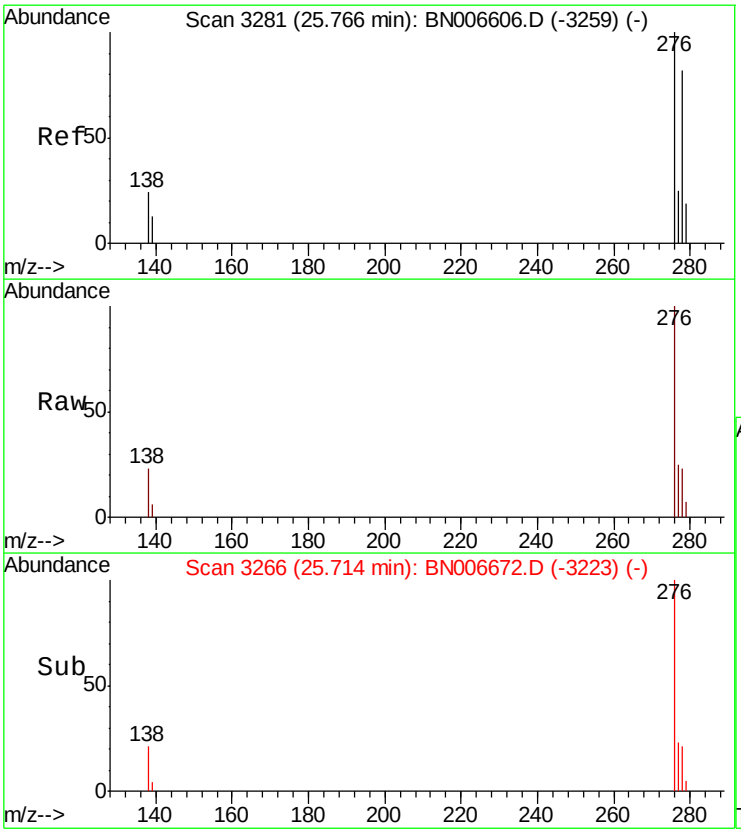
#37
Benzo(a)pyrene
Concen: 2.571 ng
RT: 23.38 min Scan# 2585
Delta R.T. -0.04 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:252 Resp: 171552

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	12.0	9.4	14.2

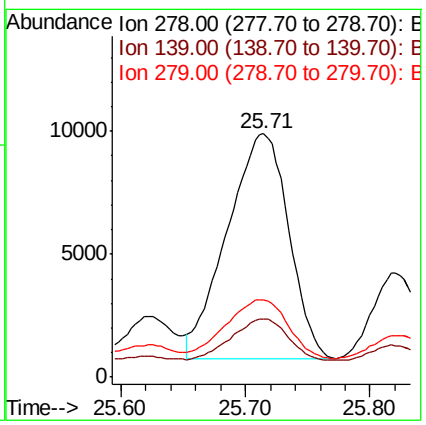


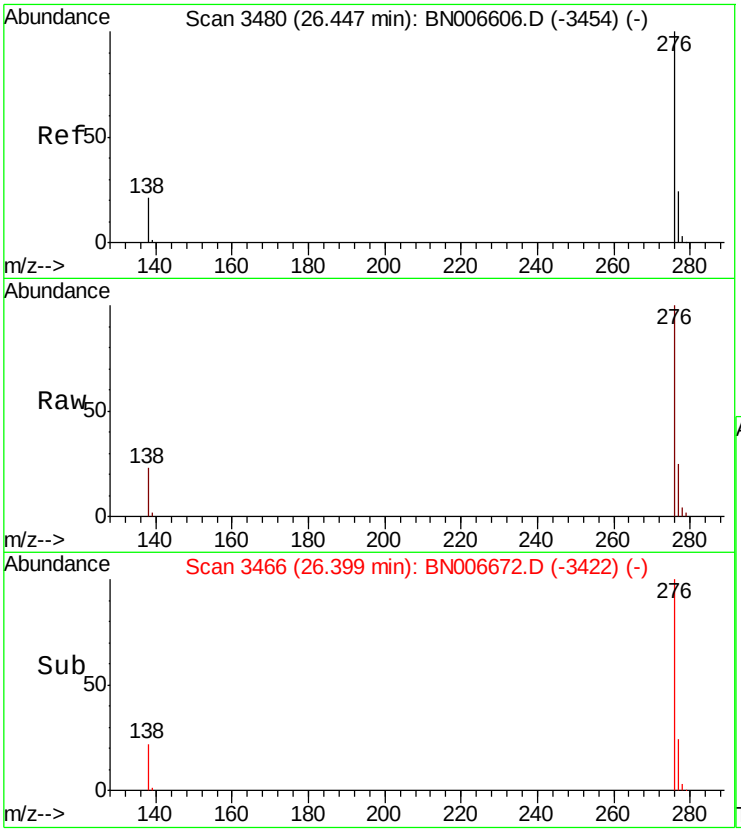


#38
Dibenzo(a,h)anthracene
Concen: 0.541 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Tgt Ion:278 Resp: 31560

Ion	Ratio	Lower	Upper
278	100		
139	23.9	13.5	20.3#
279	31.8	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.980 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.05 min
Lab File: BN006672.D
Acq: 01 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019

Tgt Ion:276 Resp: 115187

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	23.0	17.7	26.5