Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006682.D
Acq On : 02 Jul 2019 05:10
Operator : HP/JU
Sample : K3446-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-008-B036-061819

Quant Time: Jul 02 07:19:41 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	4103	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	16694	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	9487	0.40	ng		-0.01
19) Phenanthrene-d10	17.02	188	19641	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	17983	0.40	ng		-0.02
34) Perylene-d12	23.48	264	21955	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3390	0.34	ng		0.00
5) Phenol-d6	6.81	99	4693	0.35	ng		-0.02
8) Nitrobenzene-d5	8.79	82	3788	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	9058	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1394	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	10859	0.31	ng		-0.01
25) Fluoranthene-d10	19.07	212	19910	0.35	ng		-0.01
29) Terphenyl-d14	19.67	244	11423	0.30	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.44	128	36202	0.825	ng		100
12) 2-Methylnaphthalene	12.07	142	24388	0.804	ng		100
16) Acenaphthylene	13.99	152	93329	2.063	ng		99
17) Acenaphthene	14.33	154	78242	2.625	ng		99
18) Fluorene	15.32	166	125193	3.330	ng		99
22) Pentachlorophenol	16.71	266	26	0.200	ng	#	76
23) Phenanthrene	17.07	178	1588729	28.447	ng		100
24) Anthracene	17.15	178	377848	7.797	ng	#	95
26) Fluoranthene	19.10	202	1858850	27.387	ng		98
28) Pyrene	19.47	202	1587456	25.228	ng	#	95
30) Benzo(a)anthracene	21.23	228	852704	14.503	ng		98
31) Chrysene	21.28	228	675709	10.661	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	107912	3.647	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	421498	6.570	ng		97
35) Benzo(b)fluoranthene	22.81	252	891041	11.931	ng		100
36) Benzo(k)fluoranthene	22.81	252	891041	11.193	ng		99
37) Benzo(a)pyrene	23.38	252	675406	9.674	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	113661	1.863	ng	#	90
39) Benzo(g,h,i)perylene	26.39	276	384865	6.321	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006682.D
Acq On : 02 Jul 2019 05:10
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Quant Time: Jul 02 07:19:41 2019
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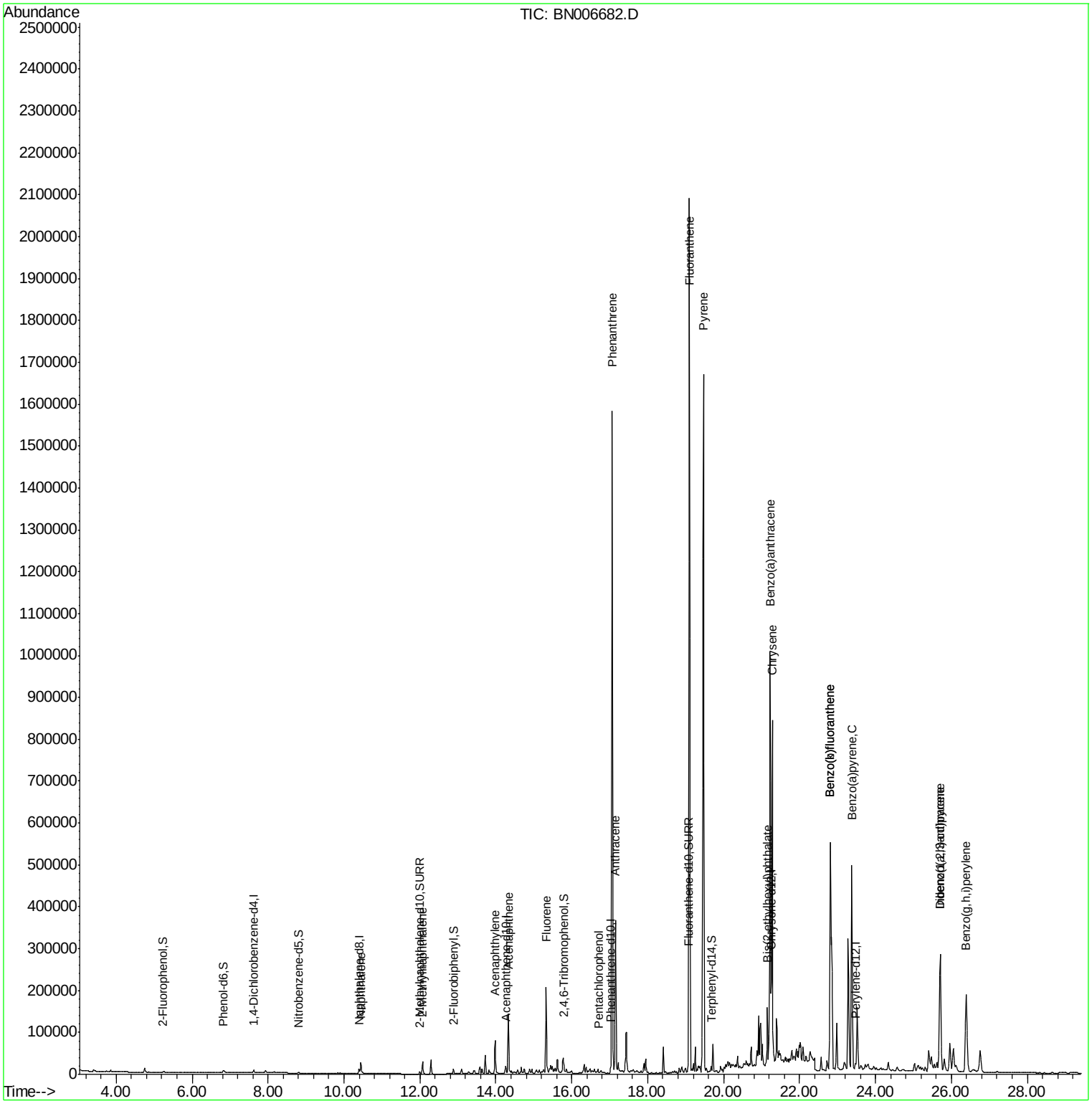
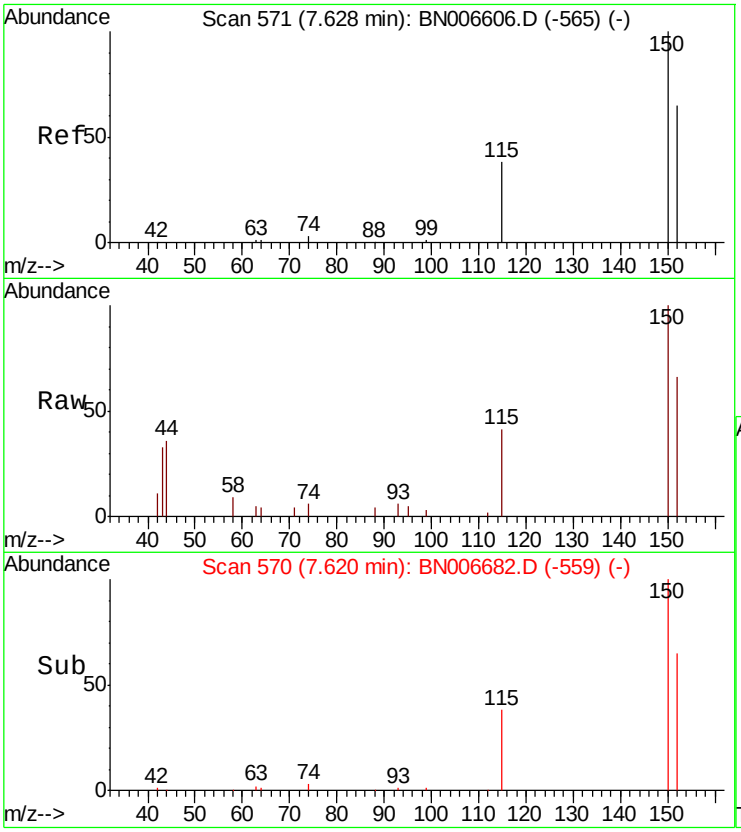
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



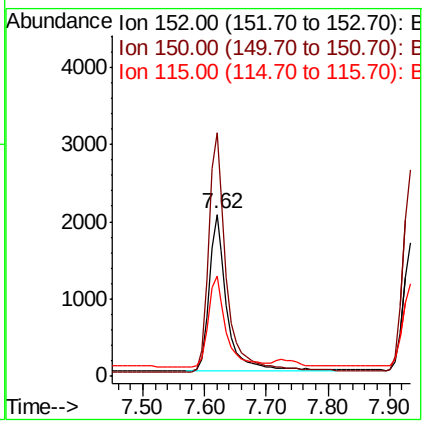


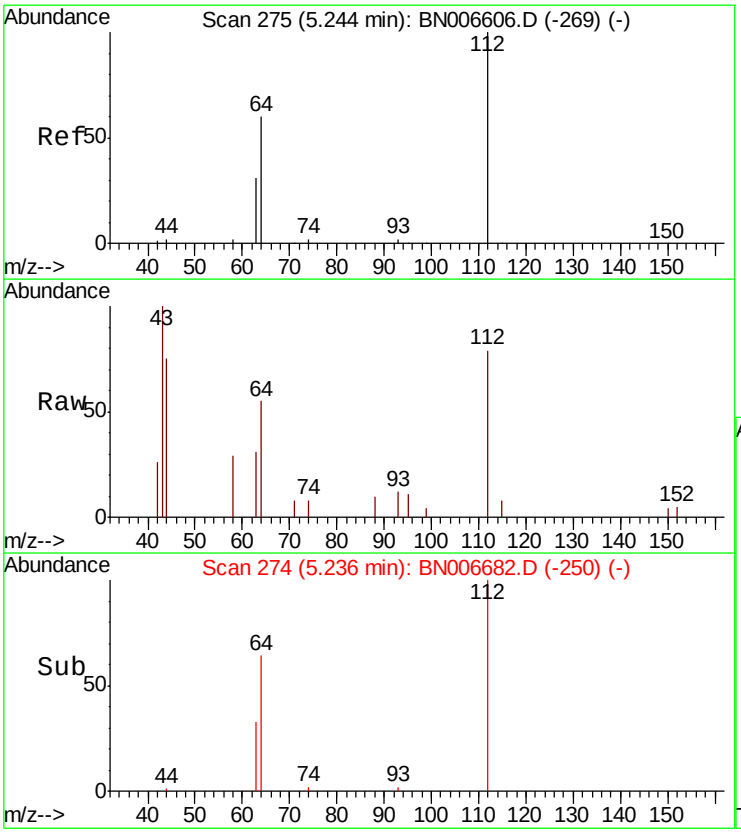
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:152 Resp: 4103

Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.2	183.2
115	62.1	50.0	75.0

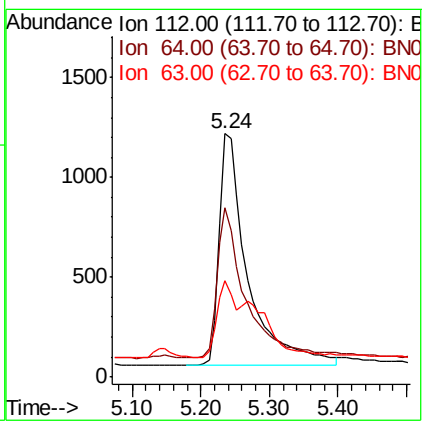


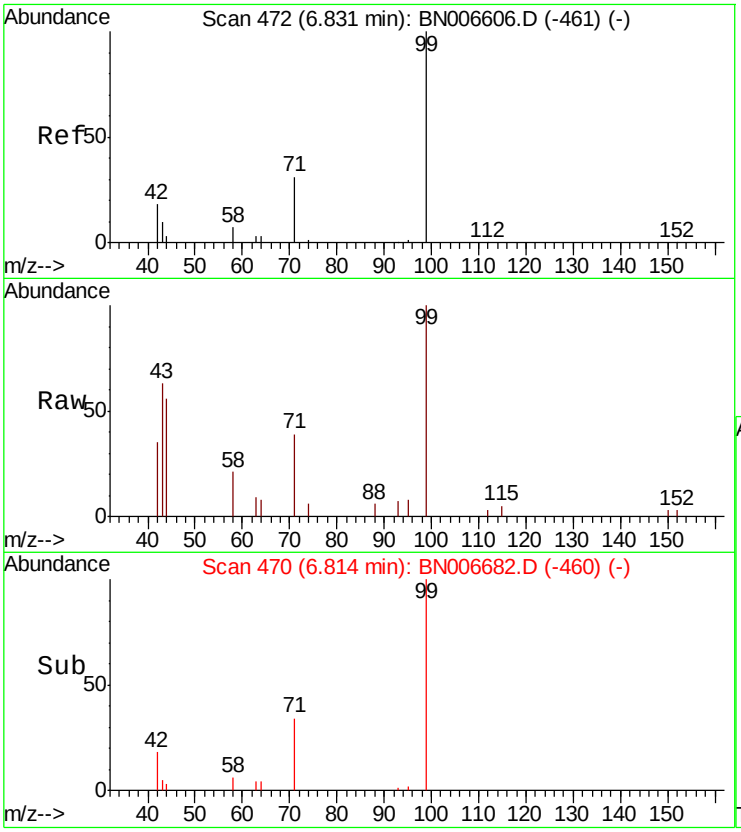


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:112 Resp: 3390

Ion	Ratio	Lower	Upper
112	100		
64	64.4	48.9	73.3
63	23.7	24.3	36.5#



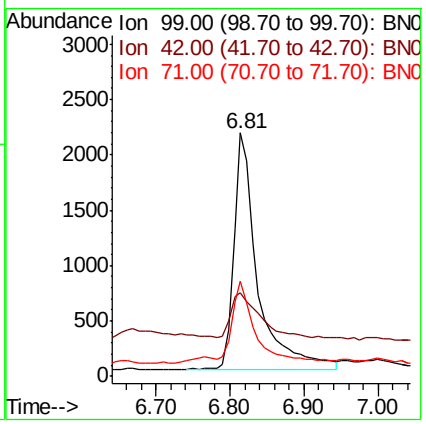


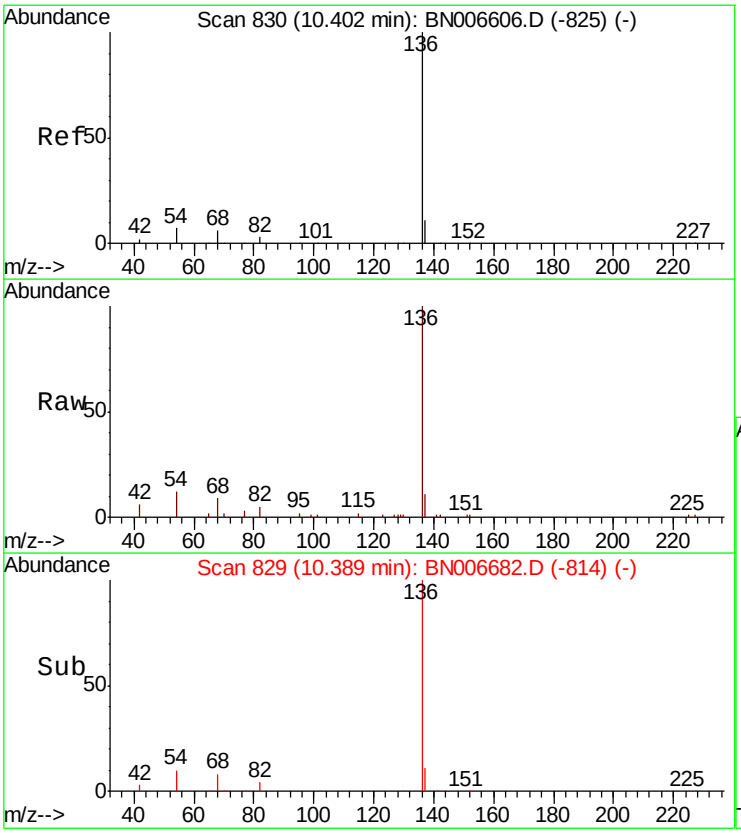
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion: 99 Resp: 4693

Ion	Ratio	Lower	Upper
99	100		
42	28.3	16.4	24.6#
71	29.5	26.6	40.0

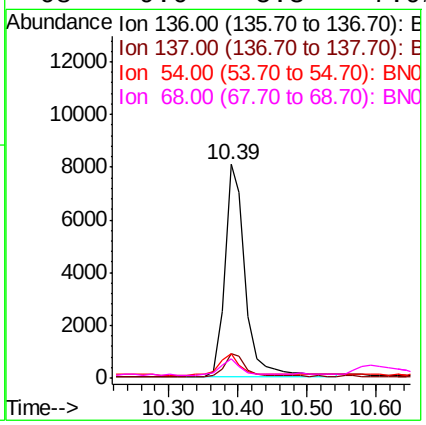


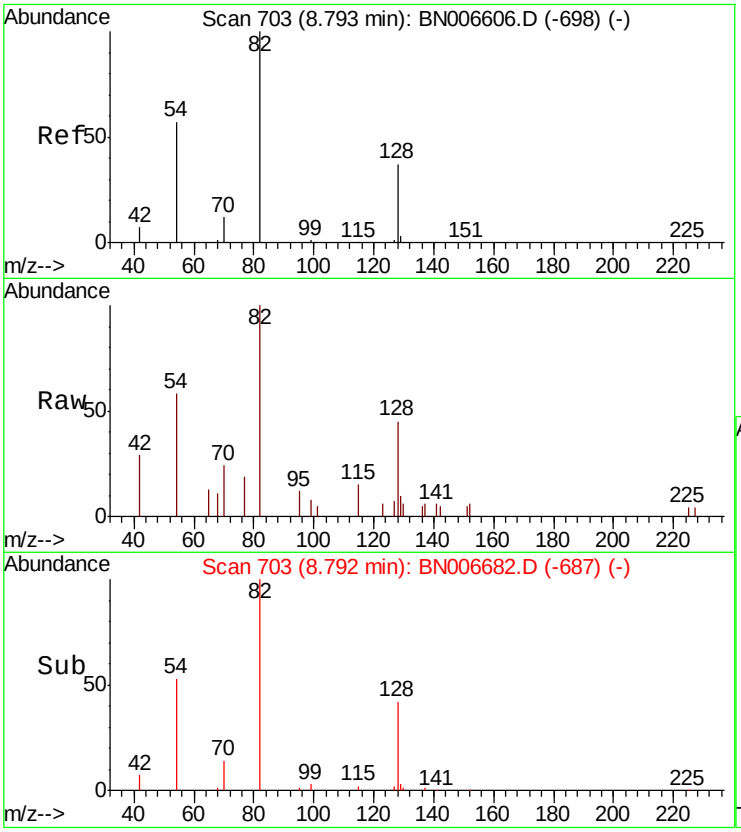


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:136 Resp: 16694

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.5	6.7	10.1#
68	9.0	5.3	7.9#



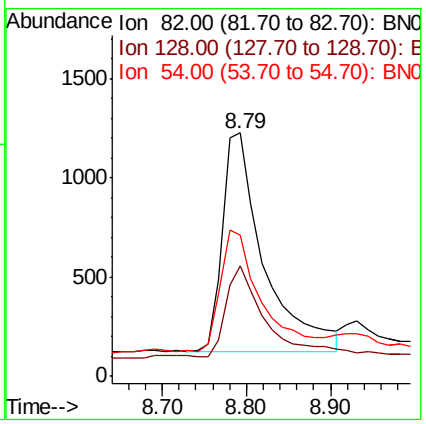


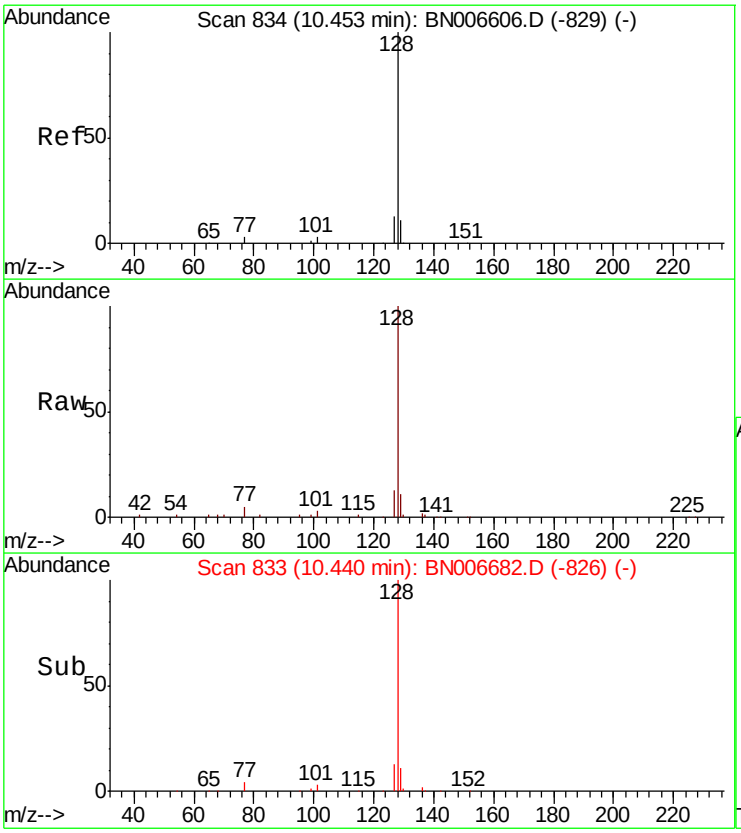
#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion: 82 Resp: 3788

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	49.0
54	58.0	48.2	72.4

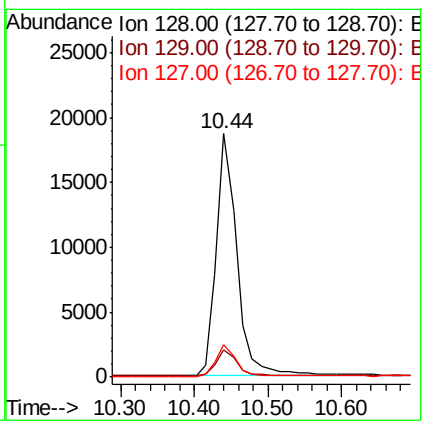


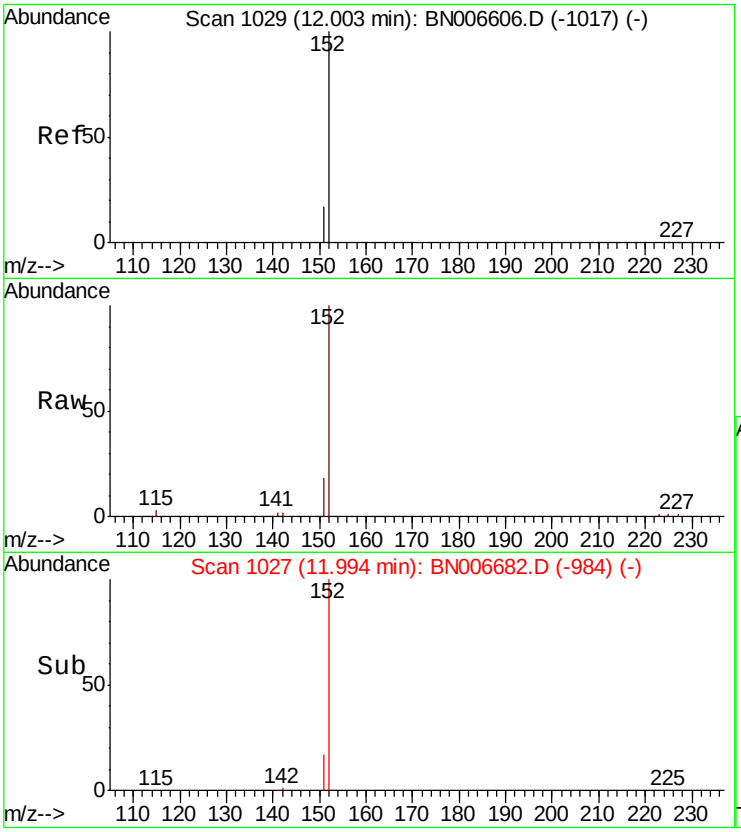


#9
Naphthalene
Concen: 0.825 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:128 Resp: 36202

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	10.8	16.2



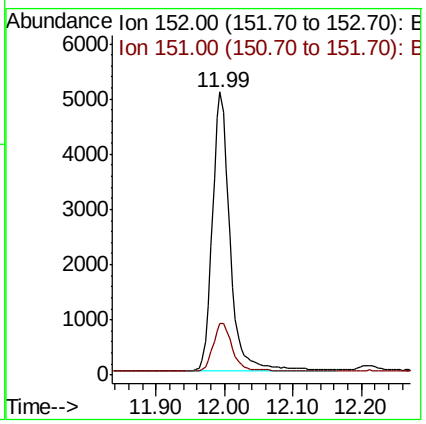


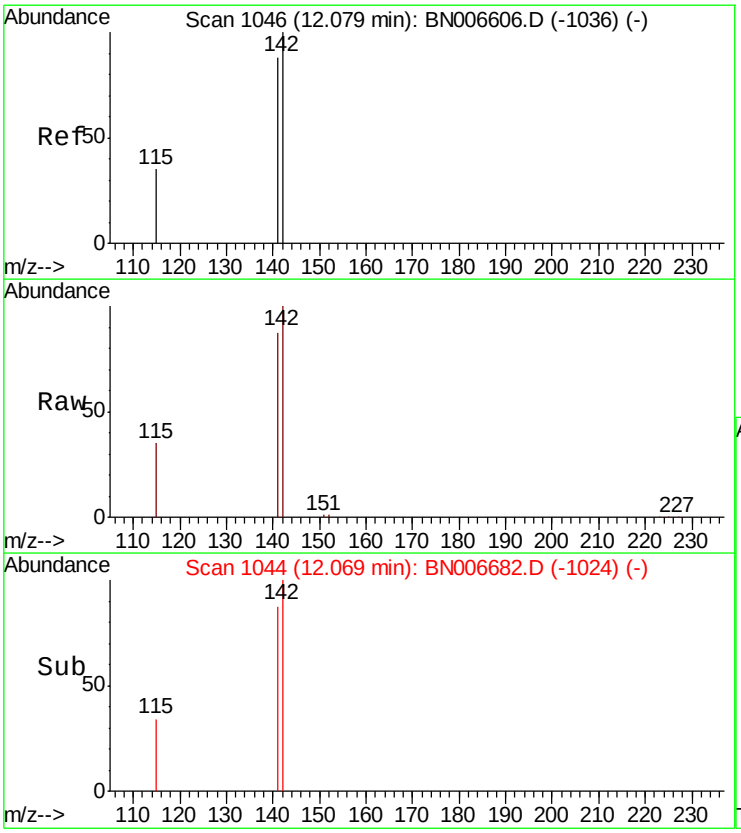
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:152 Resp: 9058

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4

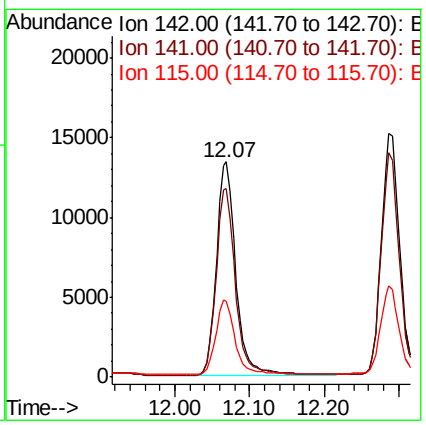


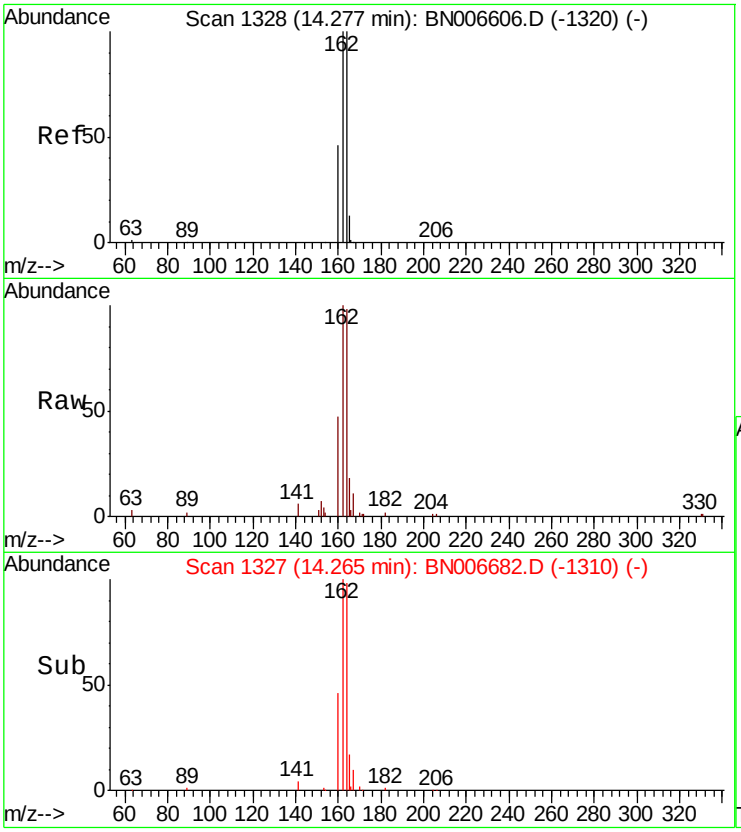


#12
2-Methylnaphthalene
Concen: 0.804 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:142 Resp: 24388

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.2	105.4
115	35.1	28.5	42.7



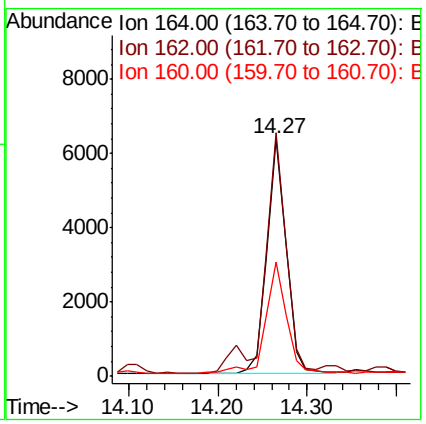


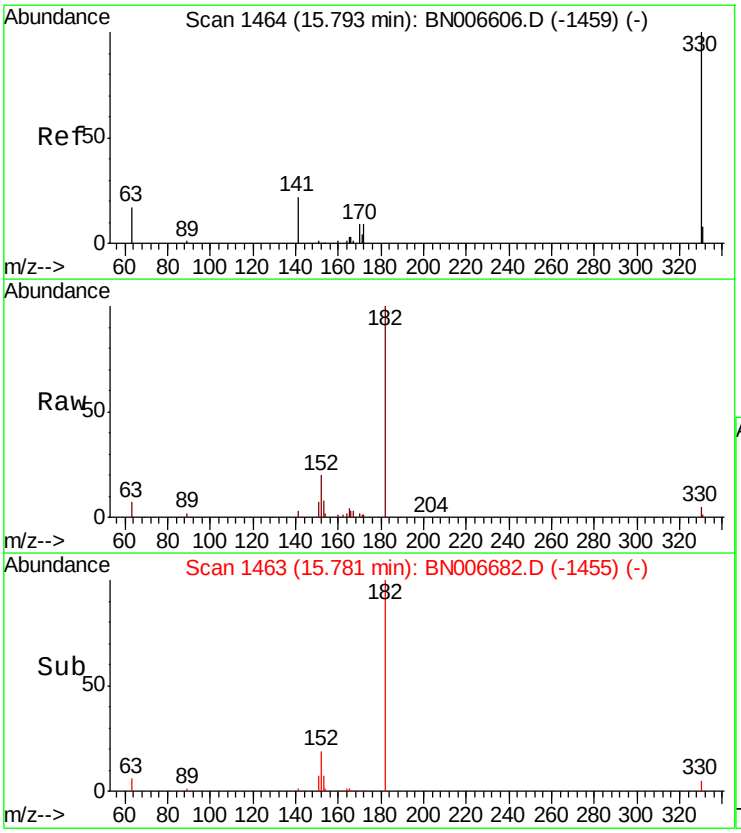
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:164 Resp: 9487

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.0	120.0
160	48.1	37.0	55.4

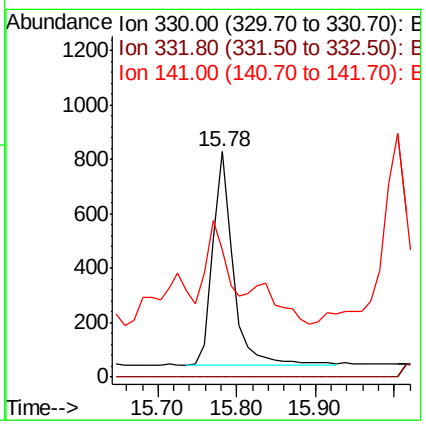


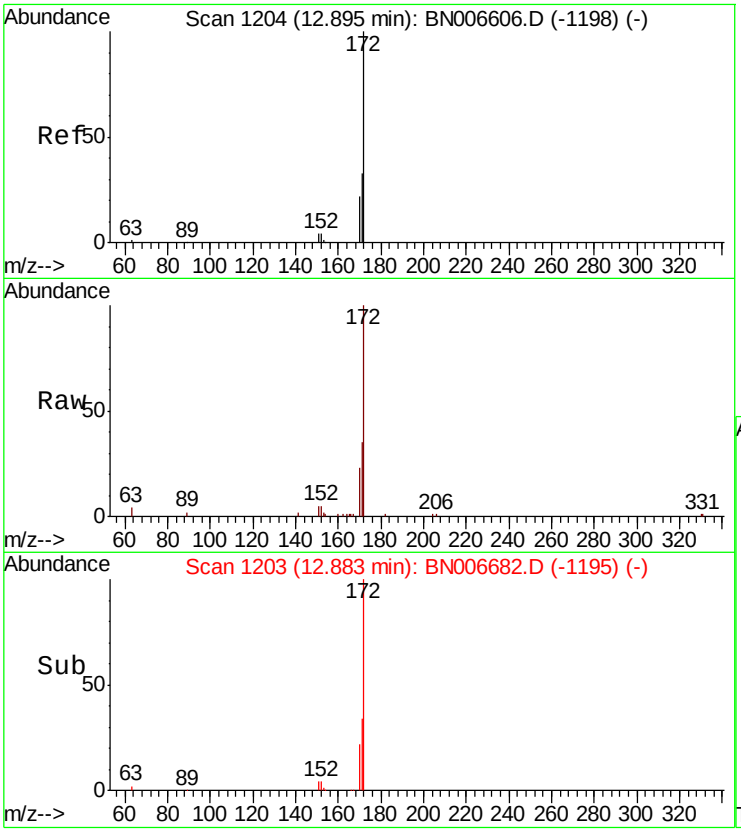


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:330 Resp: 1394

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.7	26.5	39.7



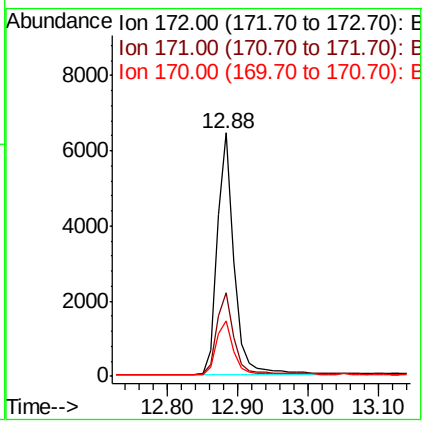


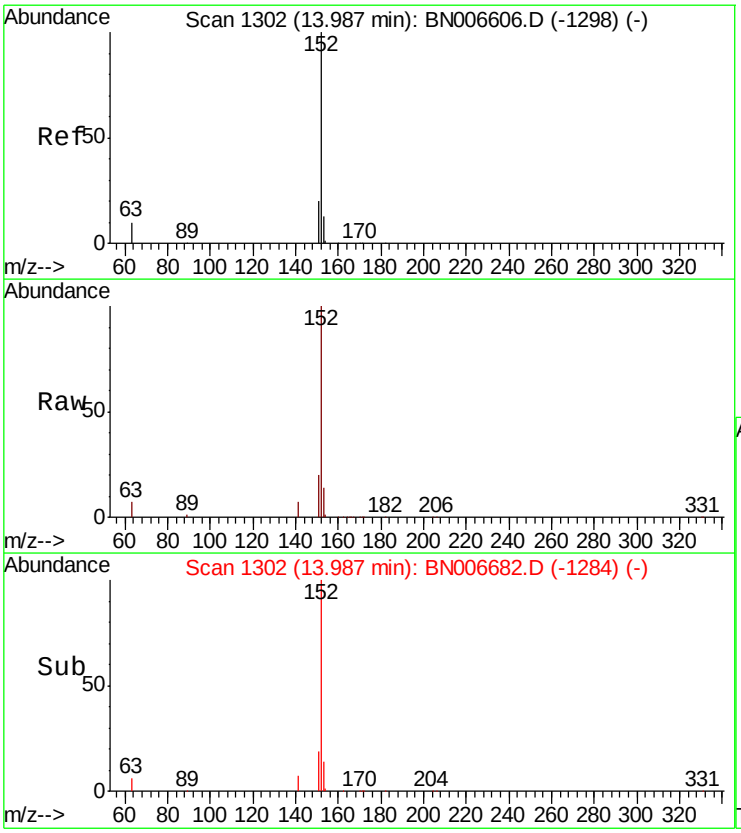
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:172 Resp: 10859

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.0	40.4
170	23.0	17.7	26.5

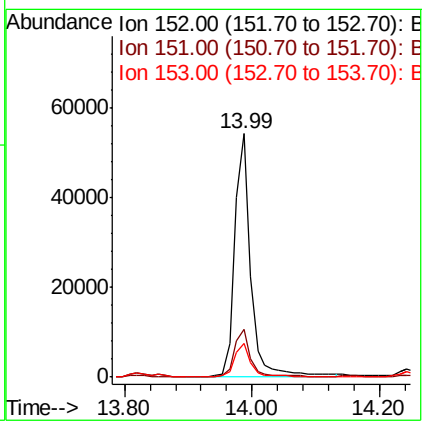


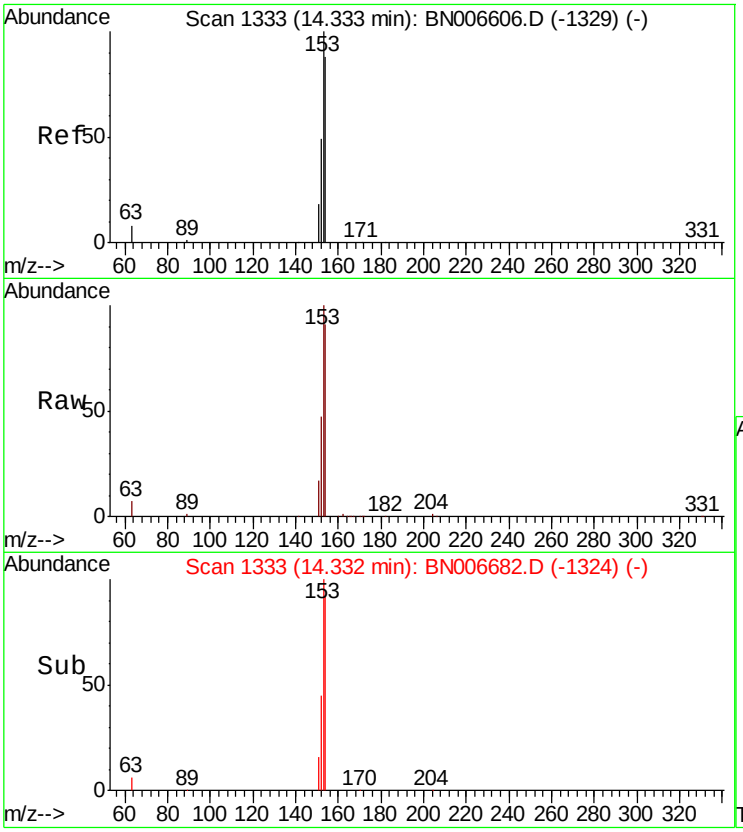


#16
Acenaphthylene
Concen: 2.063 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:152 Resp: 93329

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.6	10.5	15.7



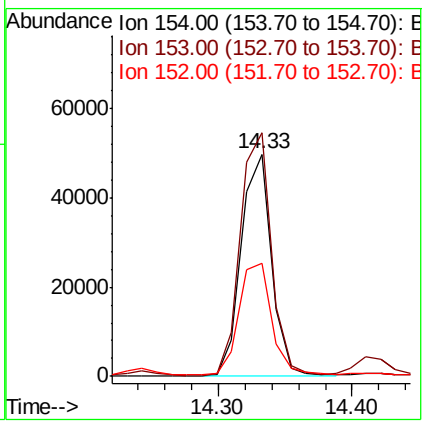


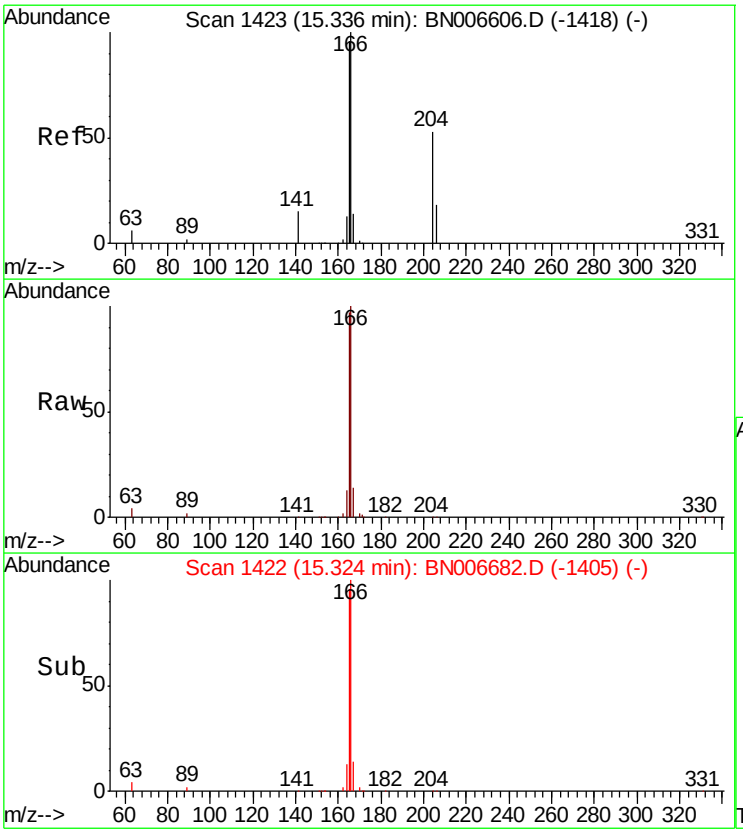
#17
Acenaphthene
Concen: 2.625 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:154 Resp: 78242

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.4
152	54.0	44.2	66.4

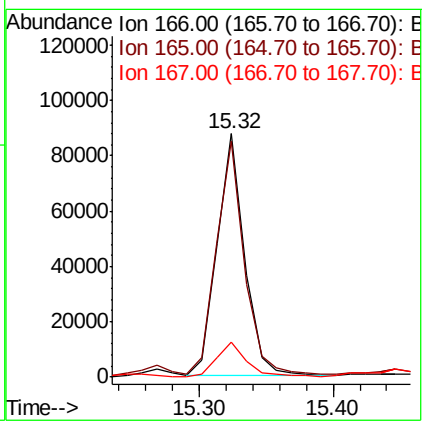


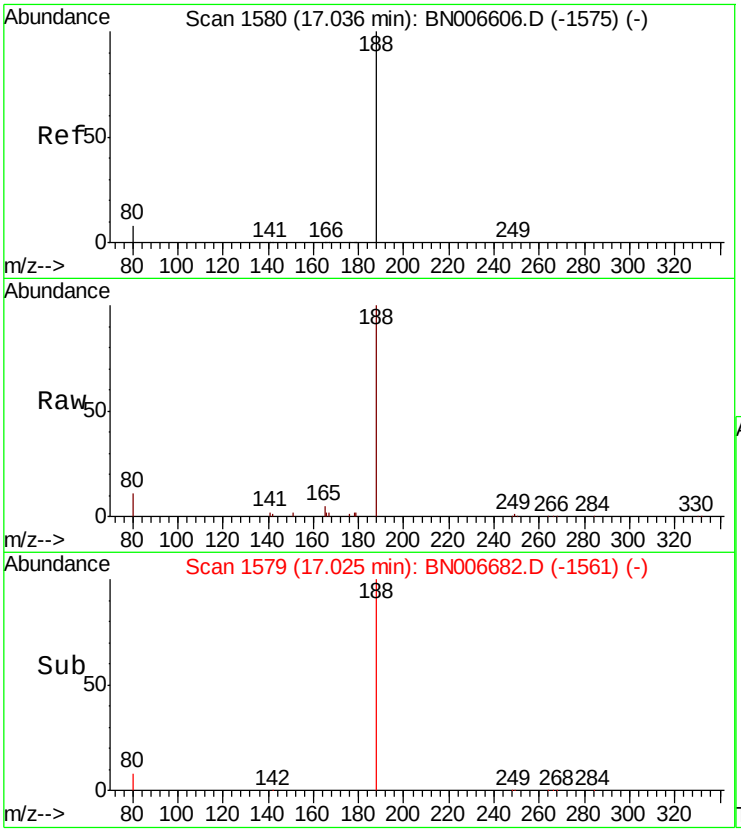


#18
Fluorene
Concen: 3.330 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:166 Resp: 125193

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	15.3	10.8	16.2



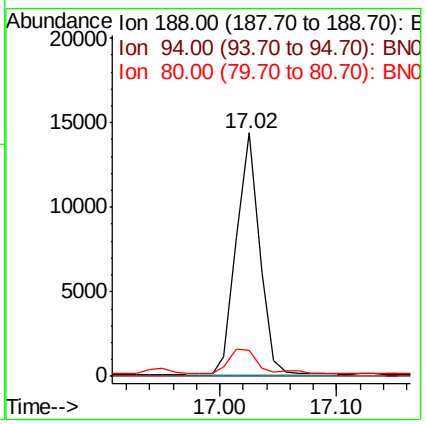


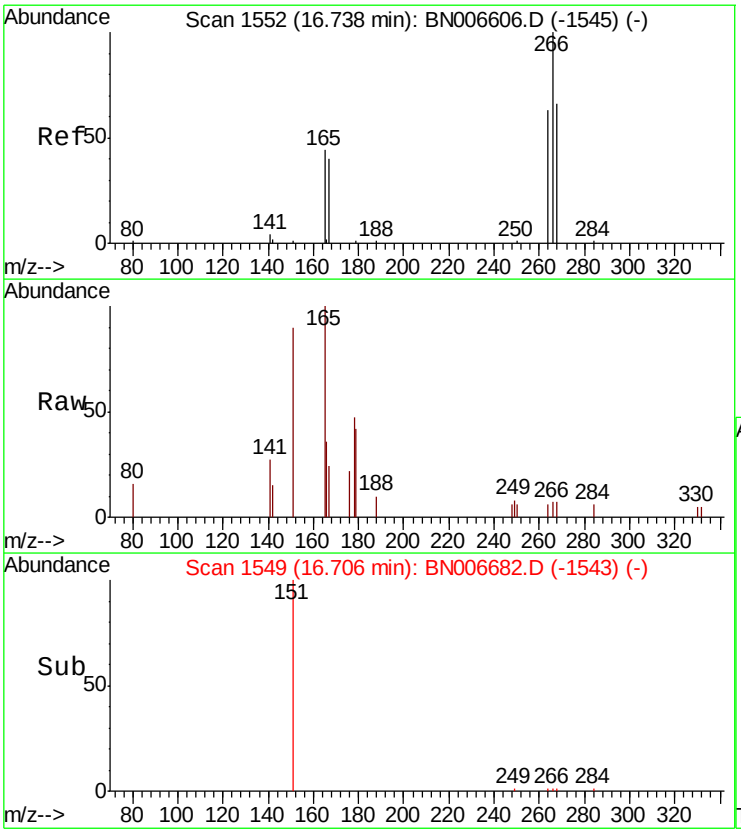
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.02 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:188 Resp: 19641

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	7.1	10.7#

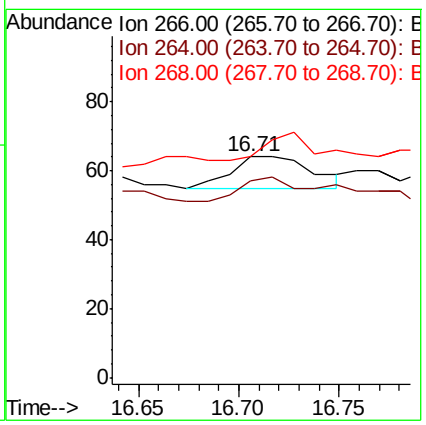


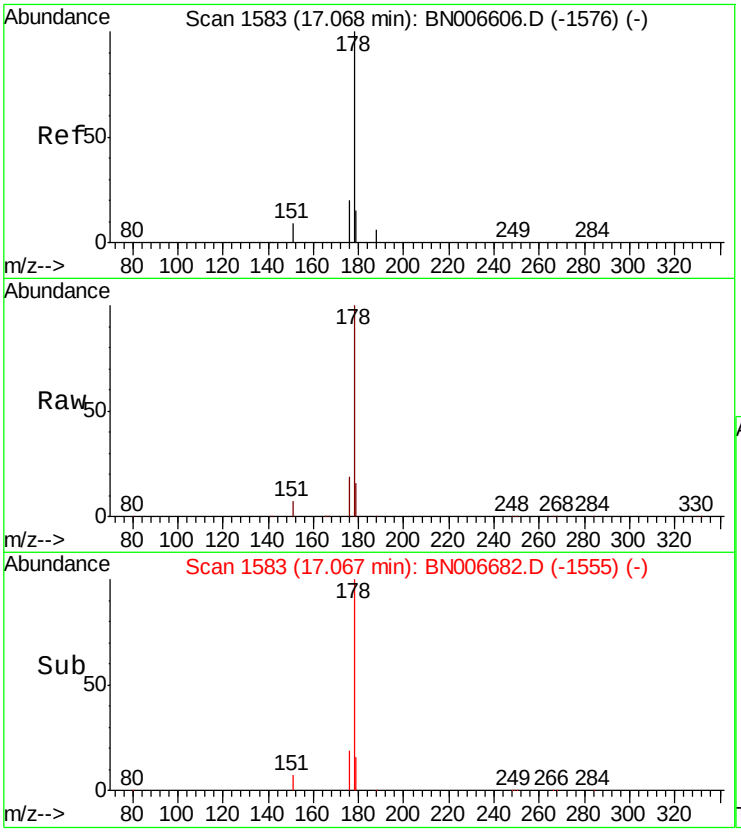


#22
Pentachlorophenol
Concen: 0.200 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
264	89.1	56.2	84.4#
268	100.0	63.0	94.4#



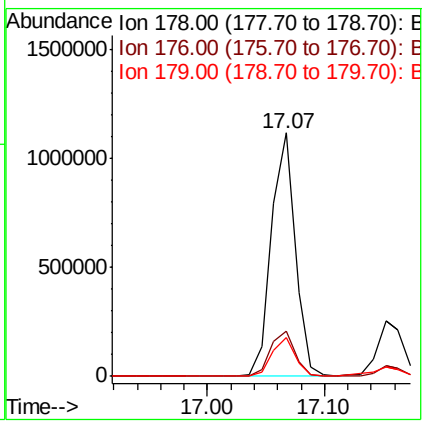


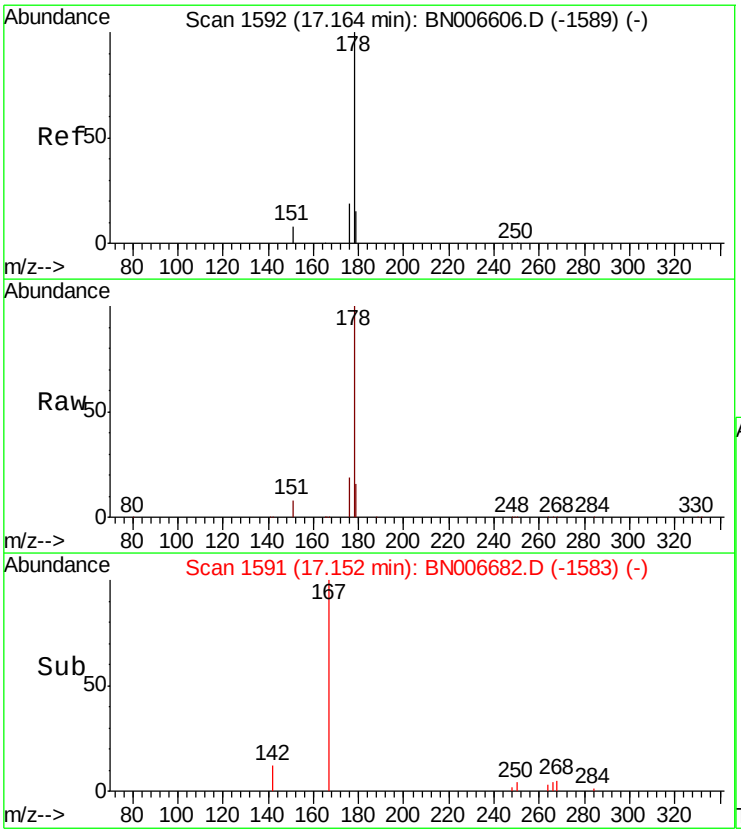
#23
Phenanthrene
Concen: 28.447 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:178 Resp: 1588729

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.2	18.4

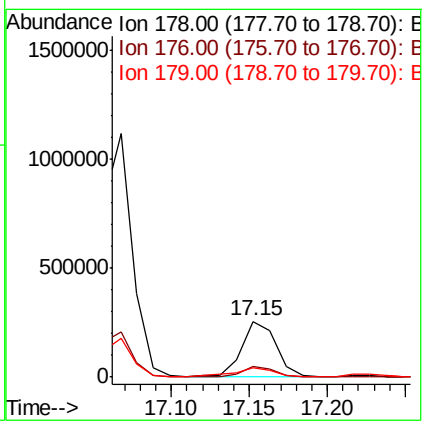


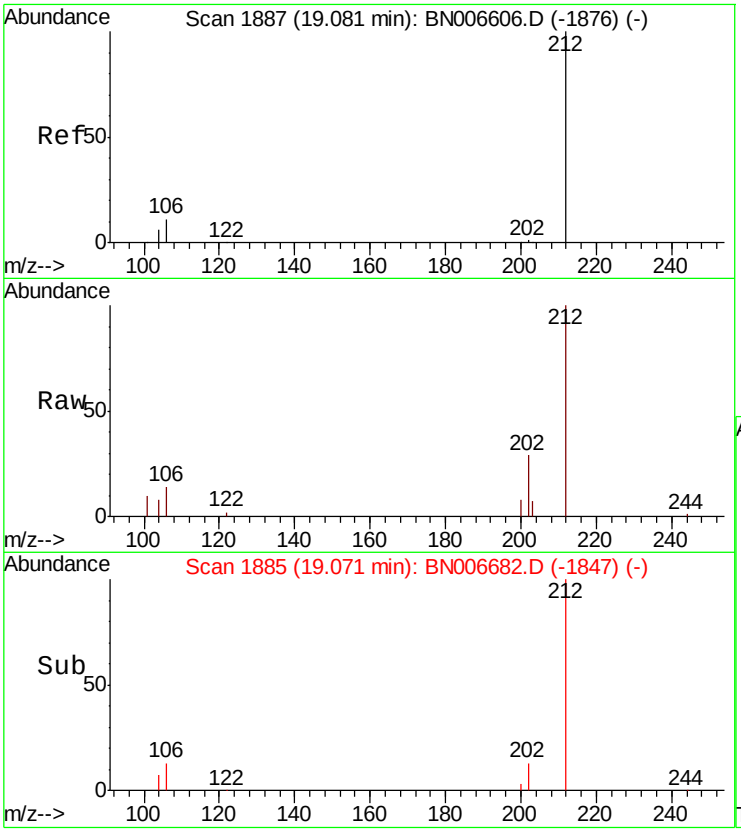


#24
Anthracene
Concen: 7.797 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:178 Resp: 377848

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	19.5	12.2	18.2#



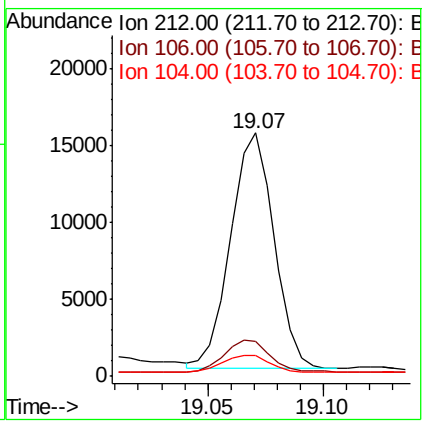


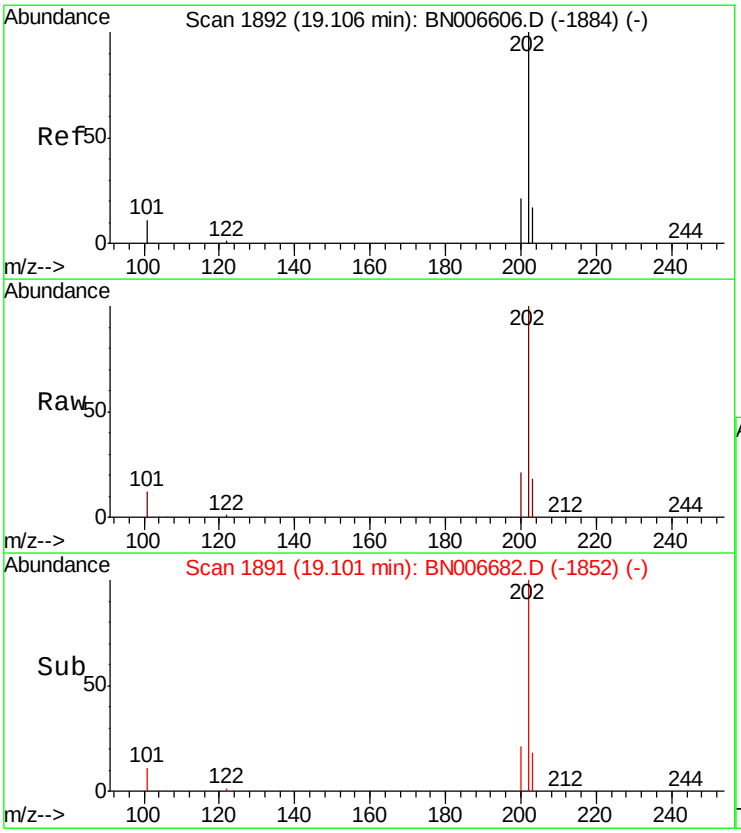
#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:212 Resp: 19910

Ion	Ratio	Lower	Upper
212	100		
106	14.2	10.6	15.8
104	8.7	5.8	8.6#

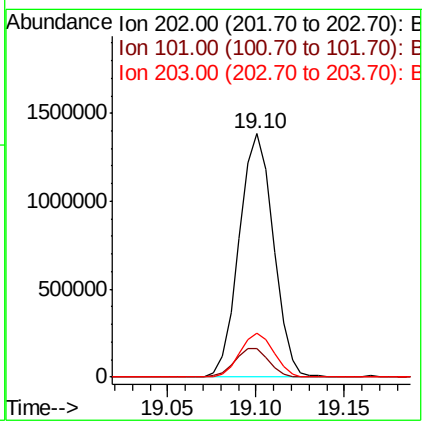


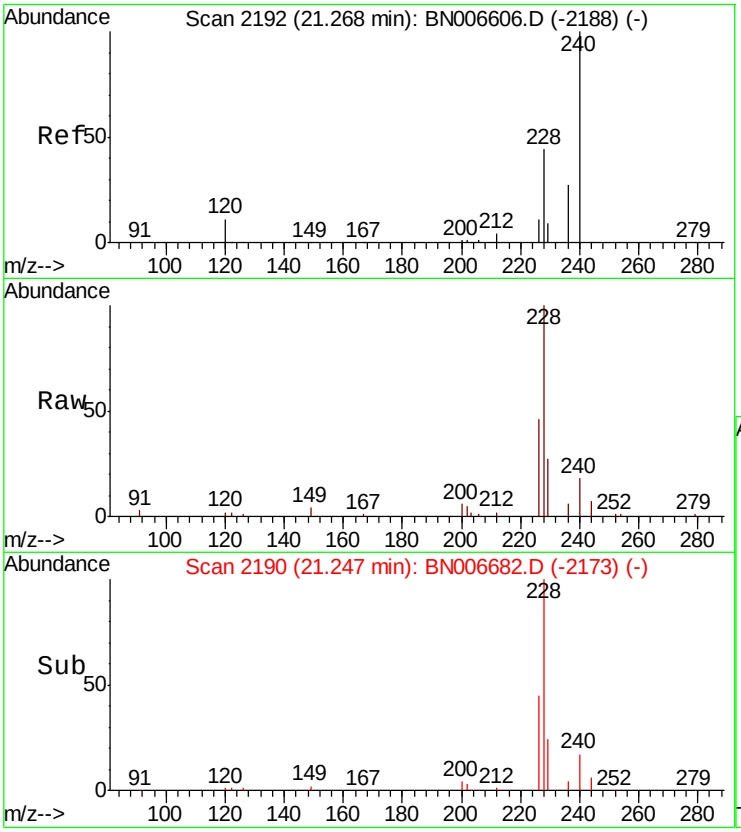


#26
Fluoranthene
Concen: 27.387 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:202 Resp: 1858850

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.9	13.3
203	17.9	13.6	20.4



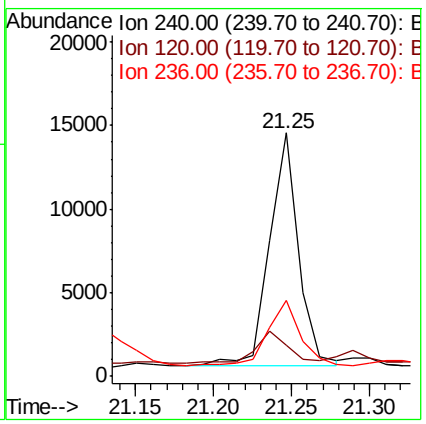


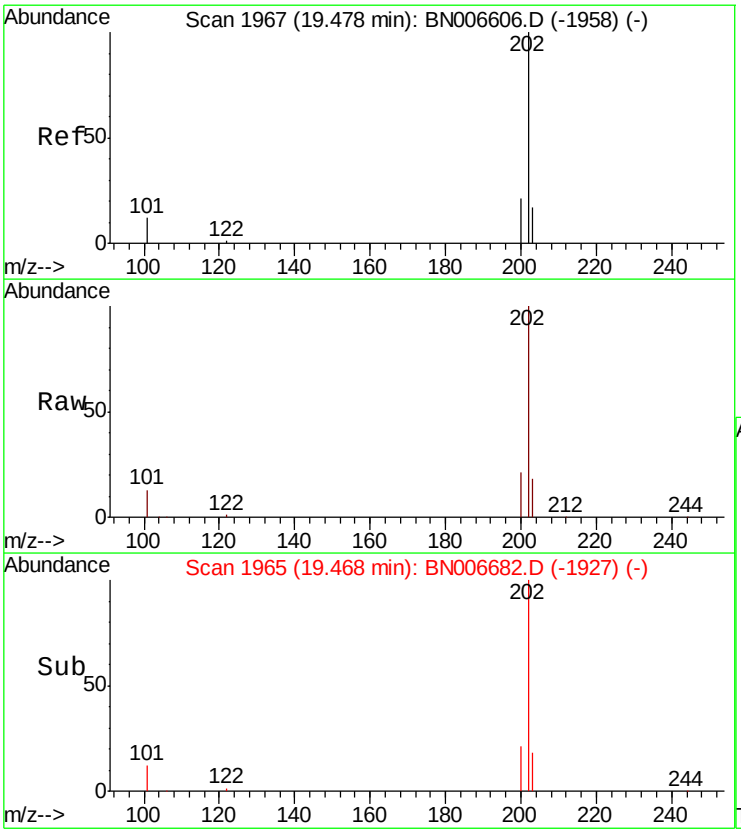
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:240 Resp: 17983

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.9	14.9
236	31.2	22.2	33.4

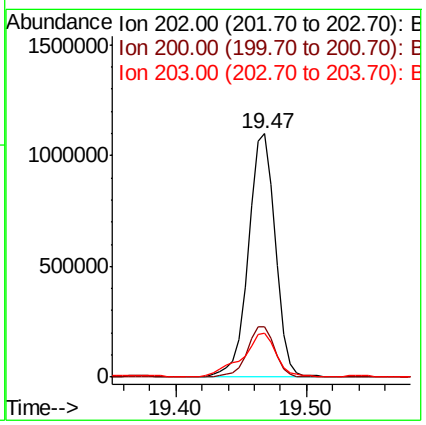


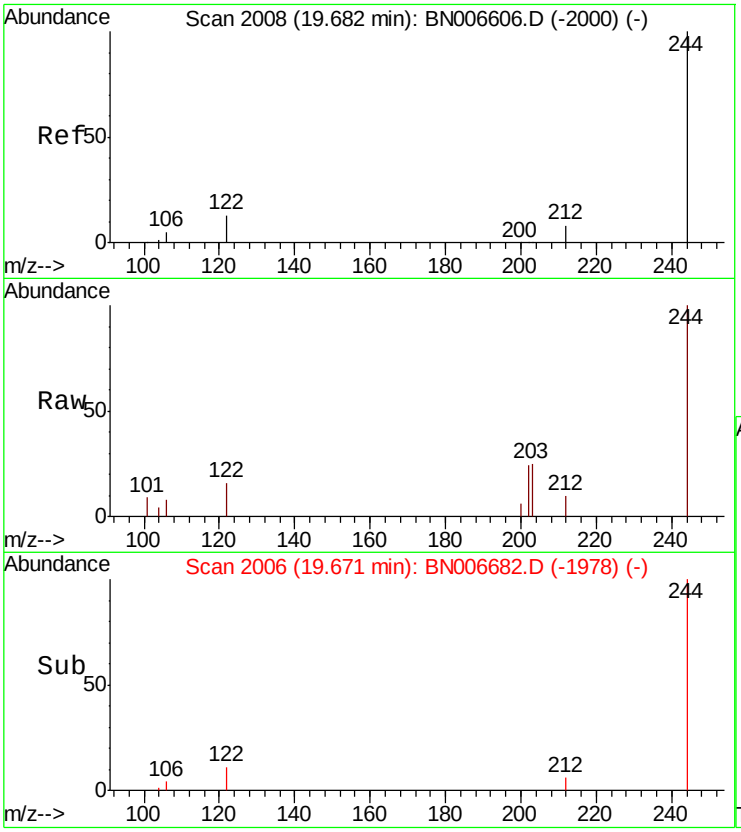


#28
Pyrene
Concen: 25.228 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:202 Resp: 1587456

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	22.5	14.1	21.1#



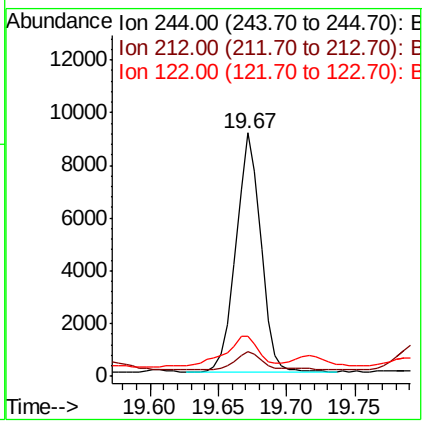


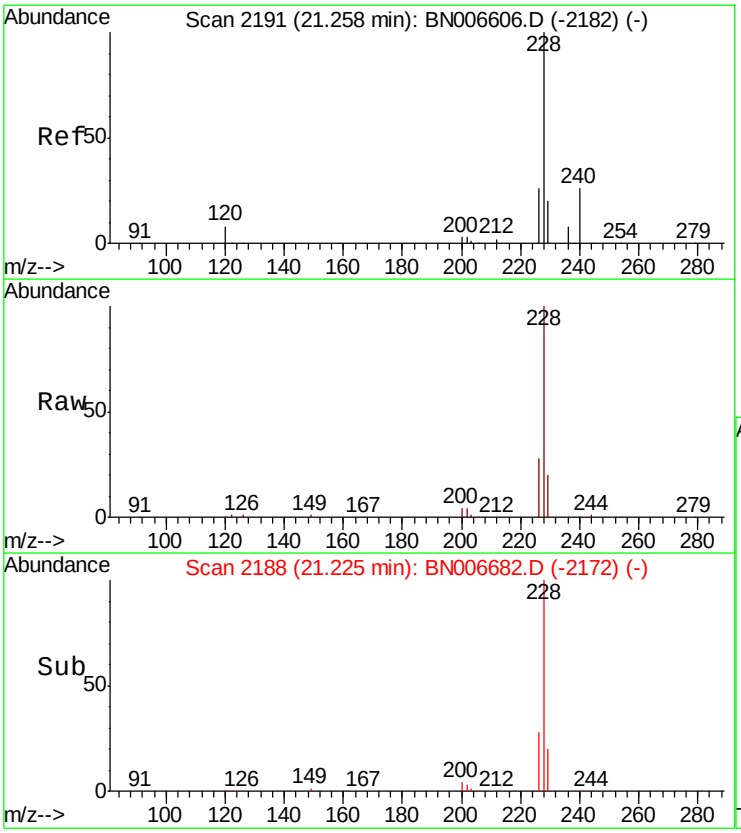
#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.67 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:244 Resp: 11423

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	16.3	11.0	16.6

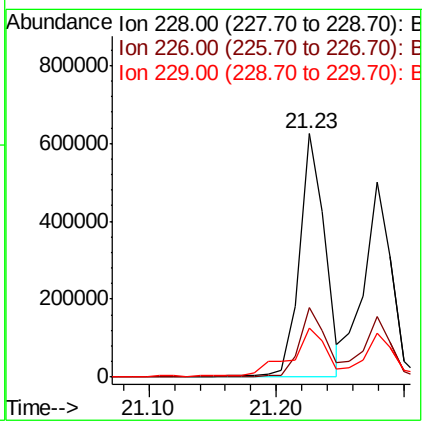


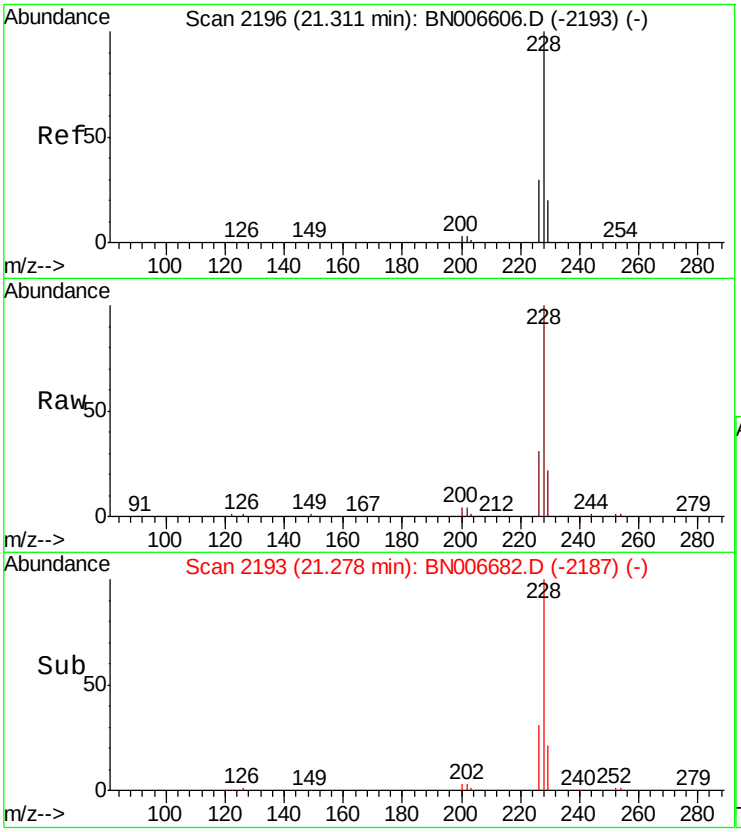


#30
Benzo(a)anthracene
Concen: 14.503 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:228 Resp: 852704

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.2	31.8
229	20.2	16.1	24.1



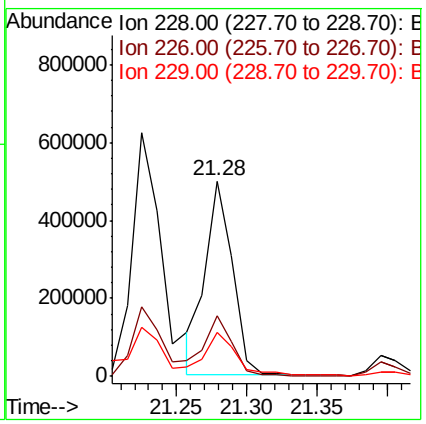


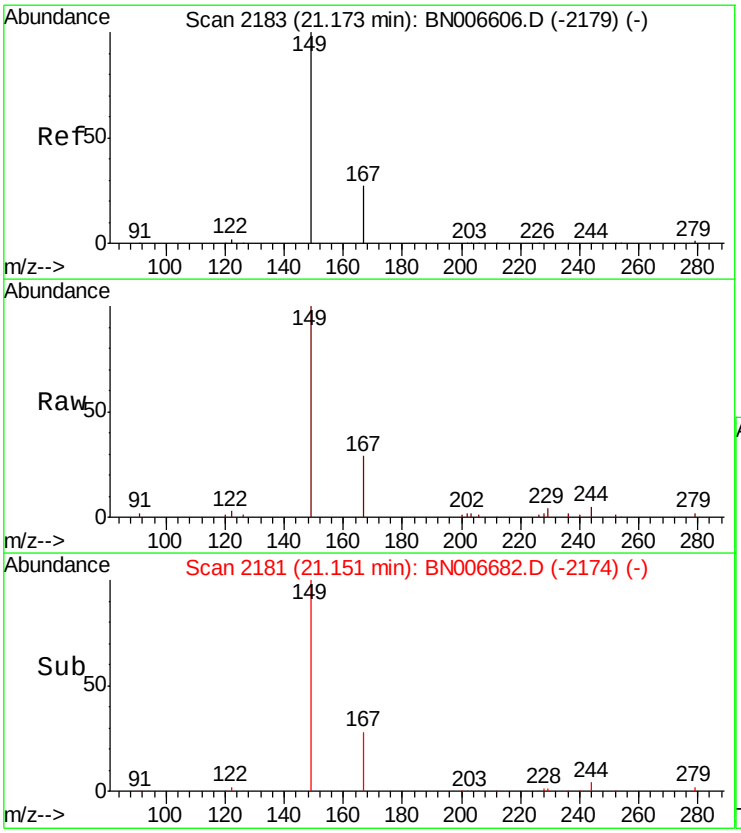
#31
Chrysene
Concen: 10.661 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:228 Resp: 675709

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	22.2	15.9	23.9

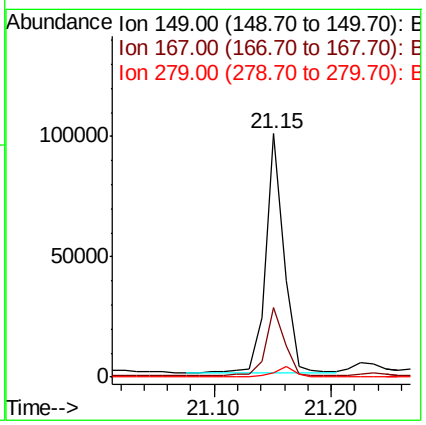


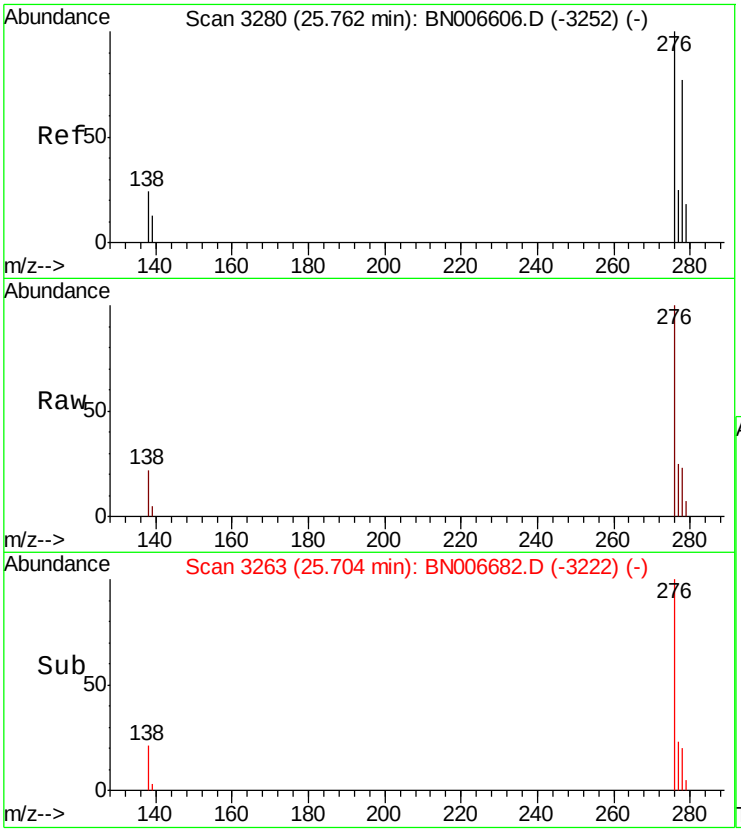


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.647 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:149 Resp: 107912

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.9	34.3
279	3.9	3.3	4.9



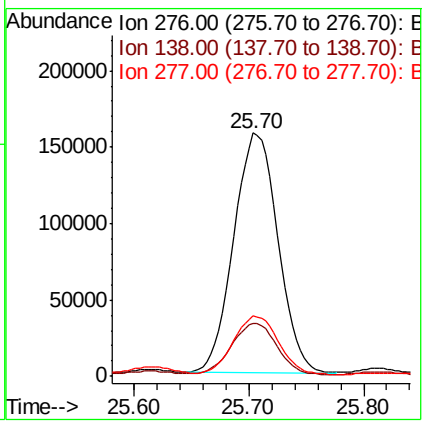


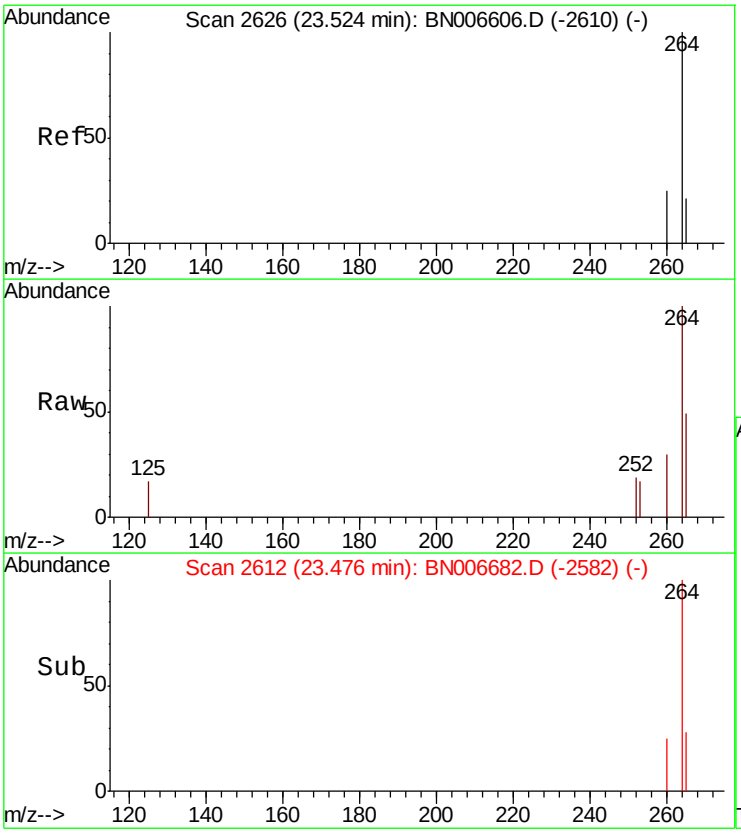
#33
Indeno(1,2,3-cd)pyrene
Concen: 6.570 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.06 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:276 Resp: 421498

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.3	28.9
277	24.6	19.9	29.9

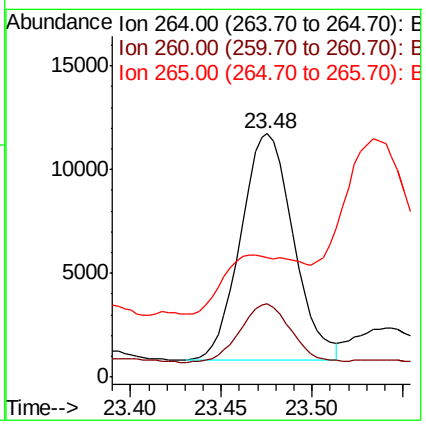


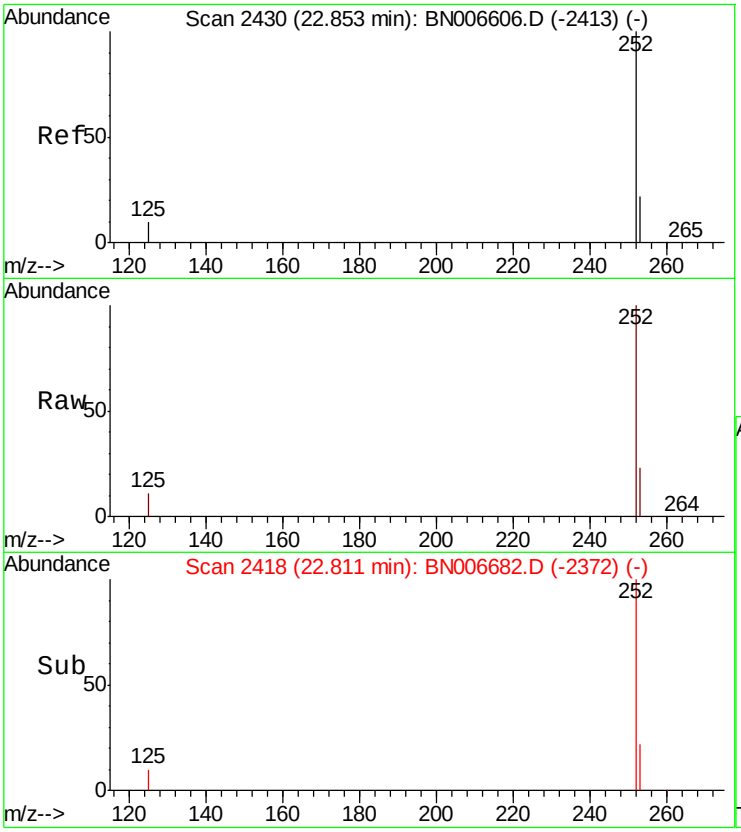


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.05 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:264 Resp: 21955

Ion	Ratio	Lower	Upper
264	100		
260	29.9	20.2	30.2
265	49.0	23.3	34.9#



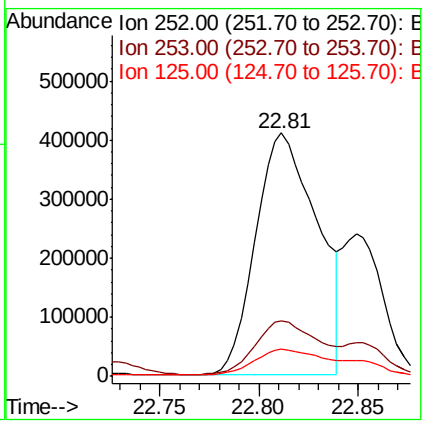


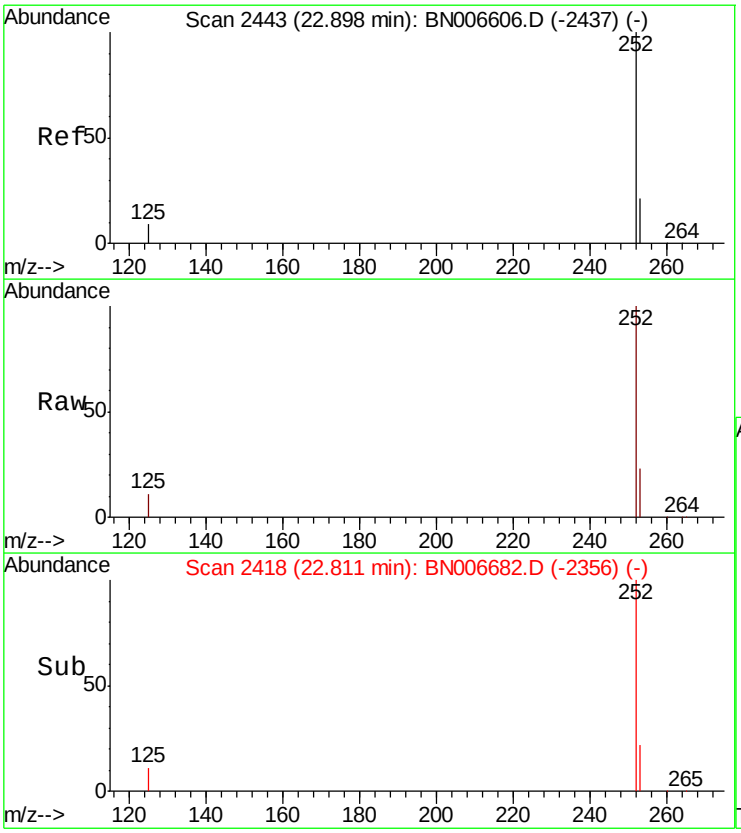
#35
Benzo(b)fluoranthene
Concen: 11.931 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:252 Resp: 891041

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	11.0	8.7	13.1

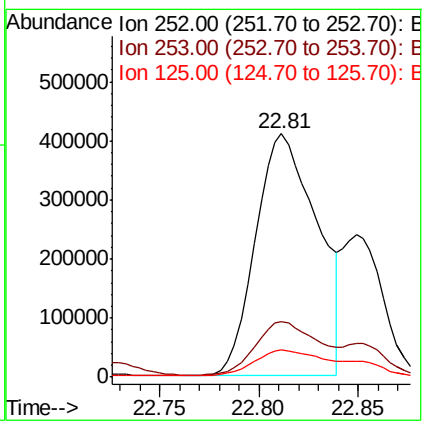


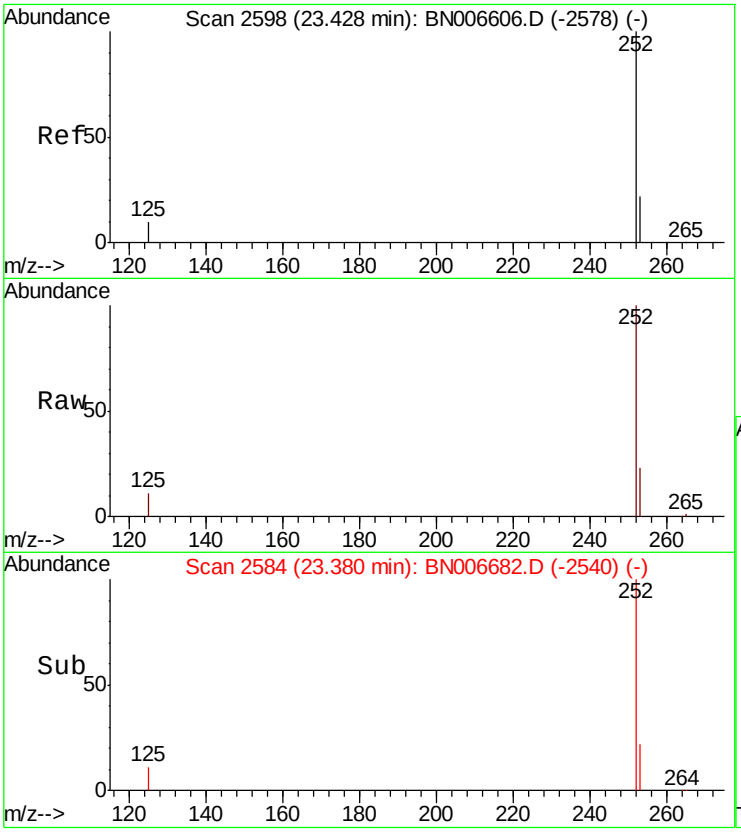


#36
Benzo(k)fluoranthene
Concen: 11.193 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:252 Resp: 891041

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.0	8.4	12.6



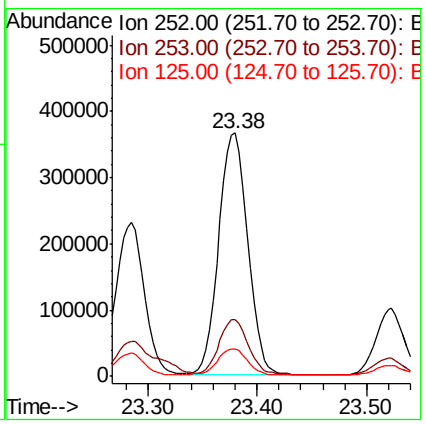


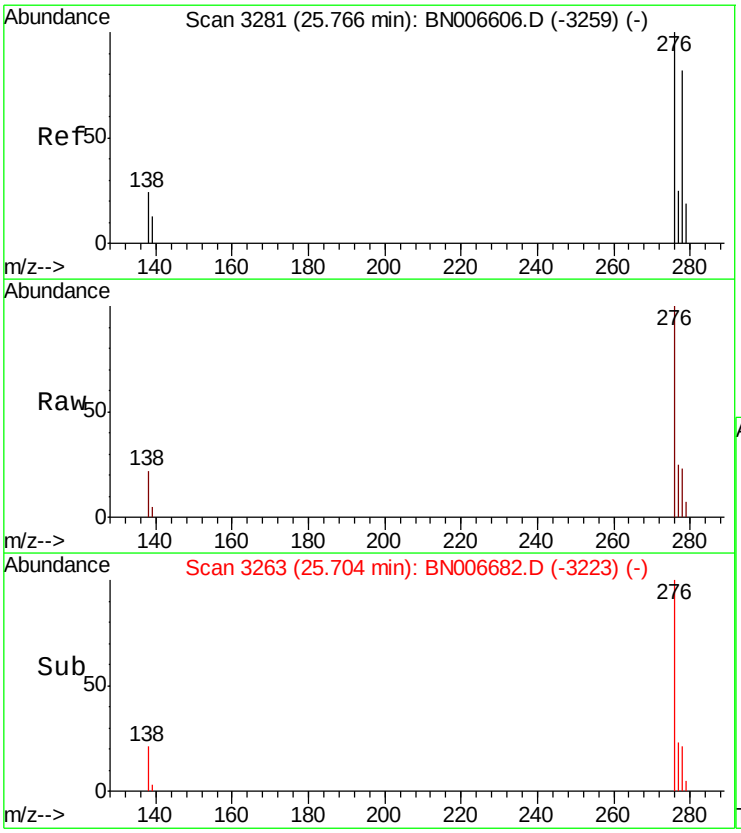
#37
Benzo(a)pyrene
Concen: 9.674 ng
RT: 23.38 min Scan# 2584
Delta R.T. -0.05 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:252 Resp: 675406

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	11.4	9.4	14.2

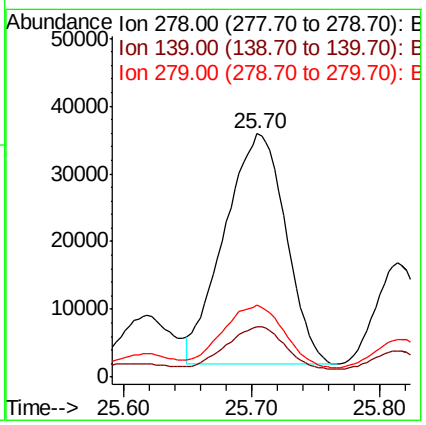


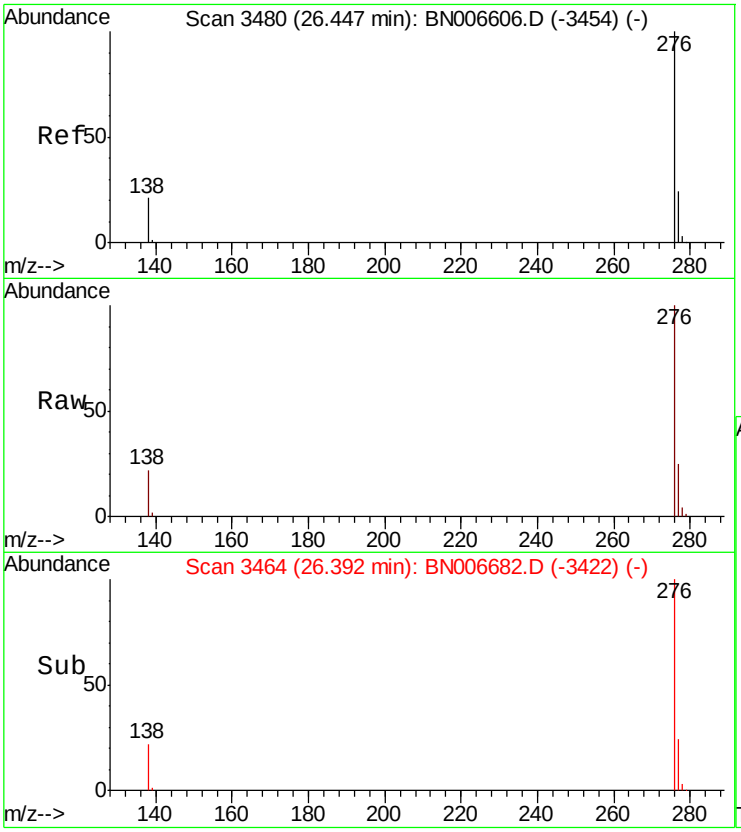


#38
Dibenzo(a,h)anthracene
Concen: 1.863 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.06 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Tgt Ion:278 Resp: 113661

Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.5	20.3#
279	29.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 6.321 ng
RT: 26.39 min Scan# 3464
Delta R.T. -0.06 min
Lab File: BN006682.D
Acq: 02 Jul 2019 05:10

Instrument :
BNA_N
ClientSampleId :
PST-008-B036-061819

Tgt Ion:276 Resp: 384865

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	22.4	17.7	26.5