Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006628.D
Acq On : 28 Jun 2019 23:54
Operator : HP/JU
Sample : K3445-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-001-SW100-061719

Quant Time: Jun 29 01:13:51 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	7.63	152	3989	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	16434	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	10647	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	25570	0.40	ng		0.00
27) Chrysene-d12	21.25	240	26095	0.40	ng		-0.02
34) Perylene-d12	23.48	264	26359	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2940	0.30	ng		0.00
5) Phenol-d6	6.82	99	4428	0.34	ng		0.00
8) Nitrobenzene-d5	8.81	82	3175	0.29	ng		0.01
11) 2-Methylnaphthalene-d10	12.00	152	9444	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1333	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	12294	0.31	ng		0.00
25) Fluoranthene-d10	19.08	212	29346	0.39	ng		0.00
29) Terphenyl-d14	19.68	244	21921	0.40	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.05	93	8	0.001	ng	#	1
9) Naphthalene	10.45	128	189	0.004	ng	#	4
10) Hexachlorobutadiene	10.76	225	2	0.000	ng	#	18
12) 2-Methylnaphthalene	12.08	142	108	0.004	ng	#	59
16) Acenaphthylene	14.00	152	627	0.012	ng		97
17) Acenaphthene	14.33	154	84	0.003	ng	#	84
18) Fluorene	15.34	166	129	0.003	ng	#	88
20) 4-Bromophenyl-phenylether	16.23	248	6	0.000	ng	#	42
21) Hexachlorobenzene	16.34	284	8	0.000	ng	#	1
22) Pentachlorophenol	16.76	266	14	0.195	ng	#	73
23) Phenanthrene	17.08	178	3404	0.047	ng	#	96
24) Anthracene	17.17	178	515	0.008	ng	#	93
26) Fluoranthene	19.11	202	8163	0.092	ng	#	93
28) Pyrene	19.47	202	8516	0.093	ng		98
30) Benzo(a)anthracene	21.24	228	3636	0.043	ng	#	91
31) Chrysene	21.29	228	4699	0.051	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.15	149	6703	0.156	ng		98
33) Indeno(1,2,3-cd)pyrene	25.72	276	2184	0.023	ng		98
35) Benzo(b)fluoranthene	22.82	252	5775	0.064	ng	#	65
36) Benzo(k)fluoranthene	22.82	252	5775	0.060	ng	#	64
37) Benzo(a)pyrene	23.39	252	3269	0.039	ng	#	51
38) Dibenzo(a,h)anthracene	25.72	278	550	0.008	ng	#	1
39) Benzo(g,h,i)perylene	26.41	276	2277	0.031	ng	#	75

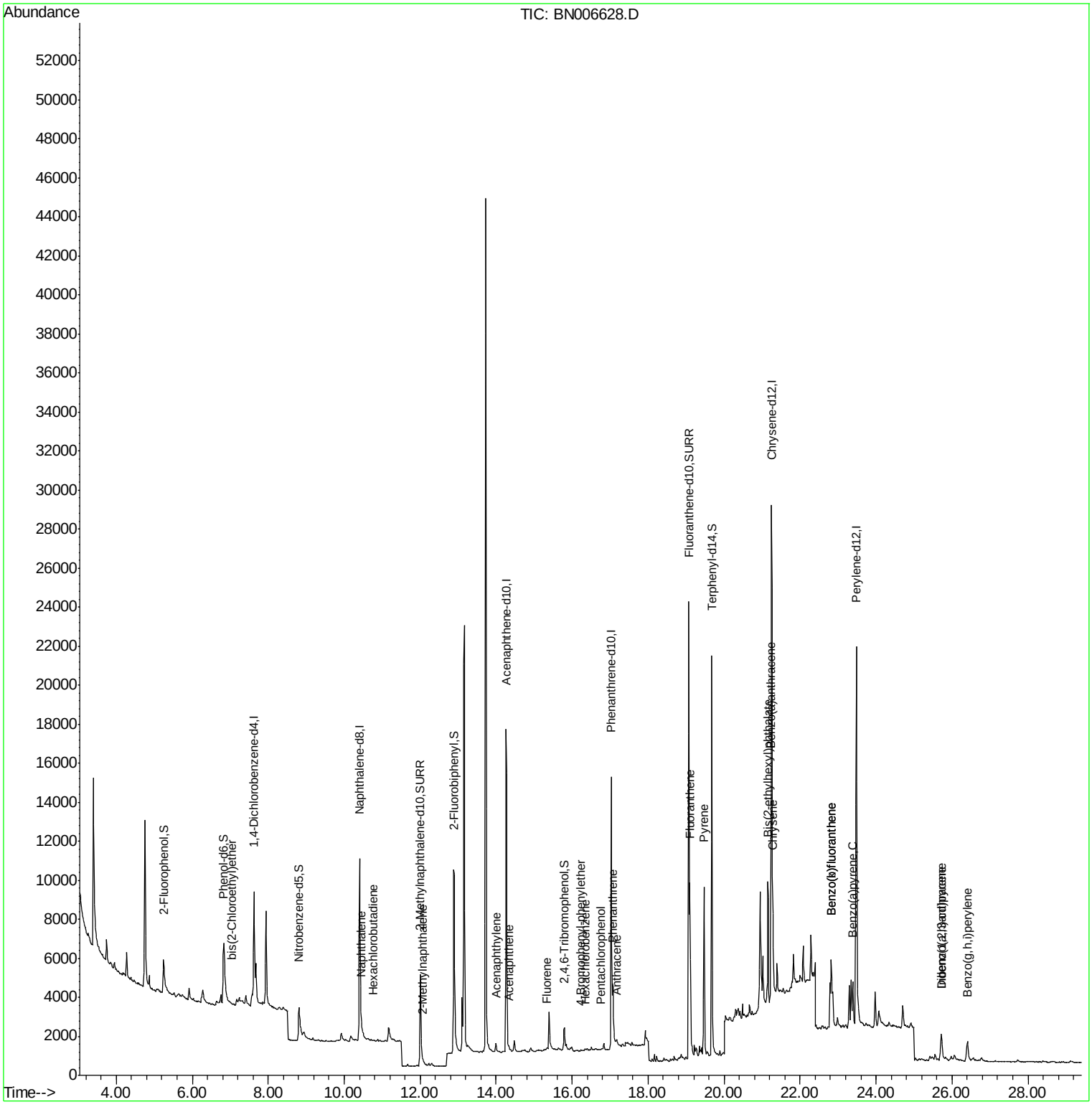
(#) = qualifier out of range (m) = manual integration (+) = signals summed

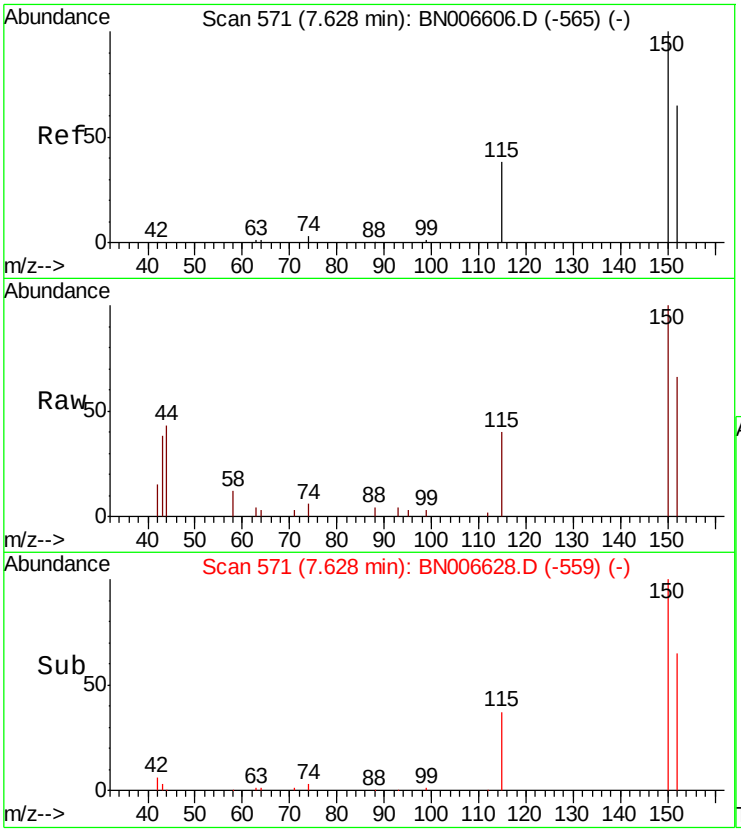
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006628.D
Acq On : 28 Jun 2019 23:54
Operator : HP/JU
Sample : K3445-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Quant Time: Jun 29 01:13:51 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



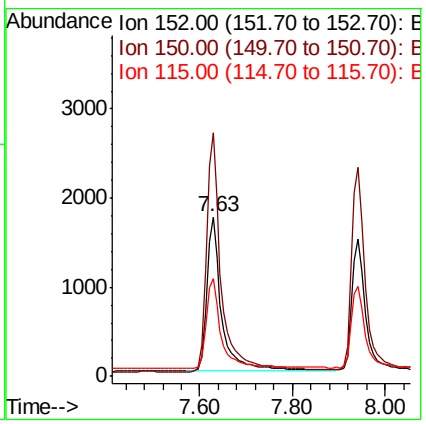


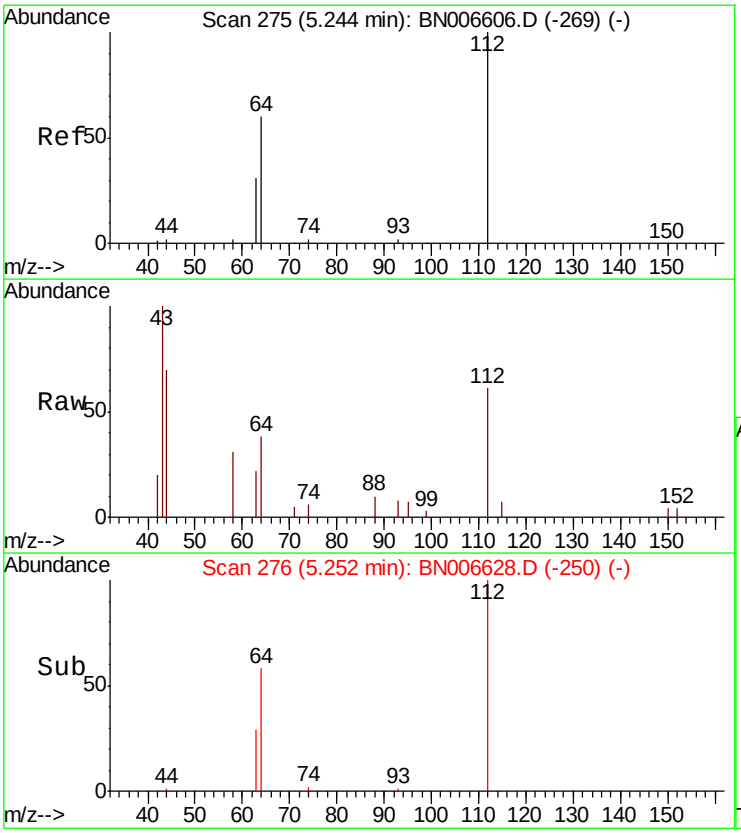
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:152 Resp: 3989

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.2	183.2
115	61.0	50.0	75.0

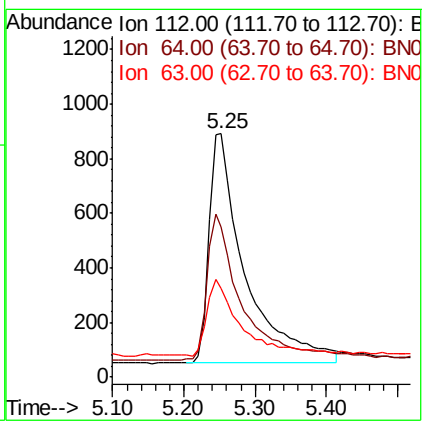


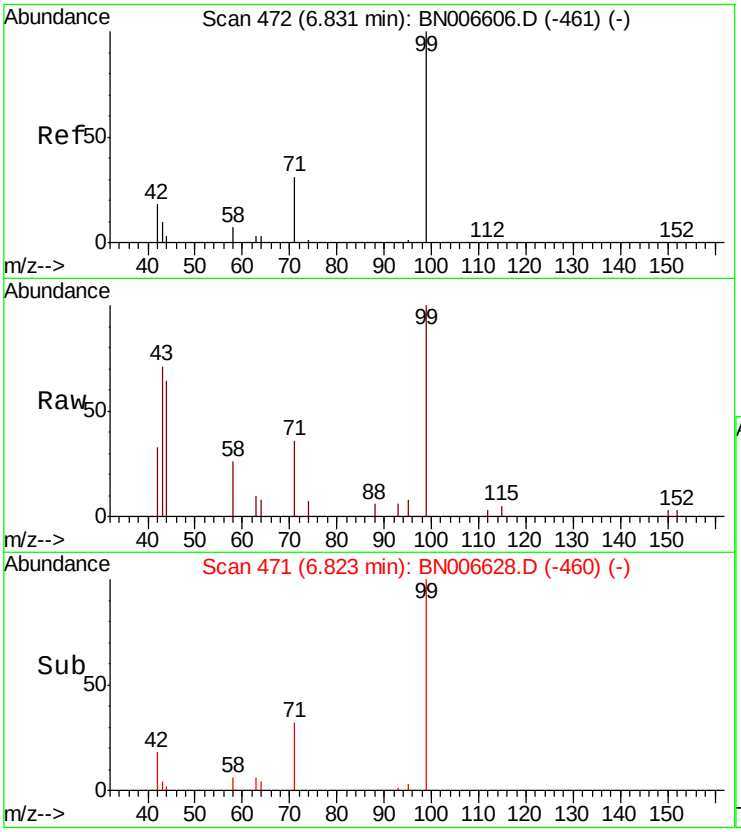


#4
2-Fluorophenol
Concen: 0.300 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:112 Resp: 2940

Ion	Ratio	Lower	Upper
112	100		
64	62.1	48.9	73.3
63	31.6	24.3	36.5



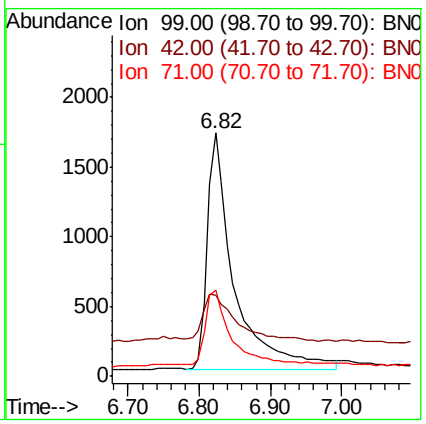


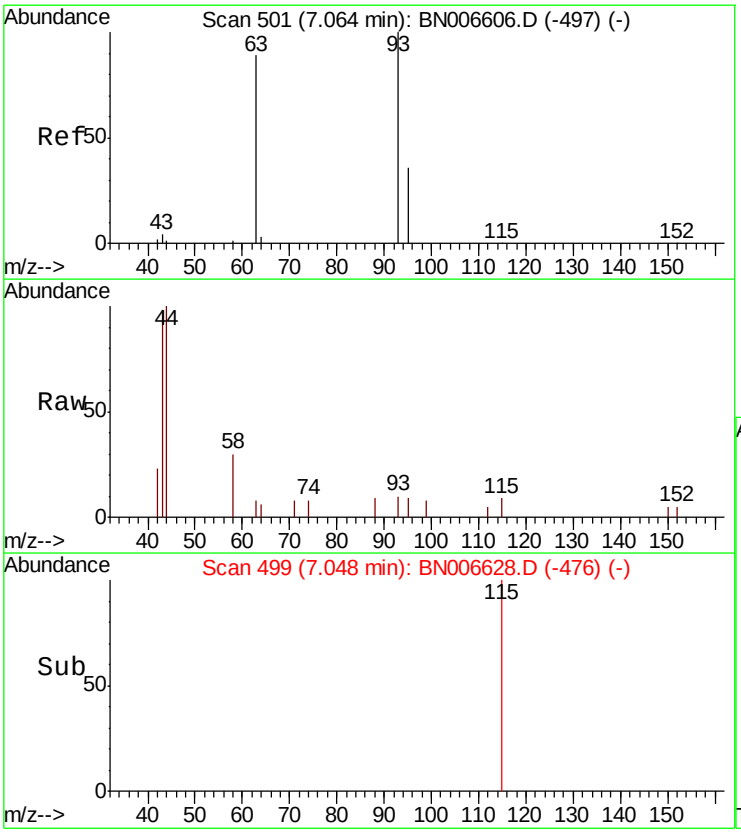
#5
Phenol-d6
Concen: 0.342 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion: 99 Resp: 4428

Ion	Ratio	Lower	Upper
99	100		
42	24.7	16.4	24.6#
71	30.4	26.6	40.0

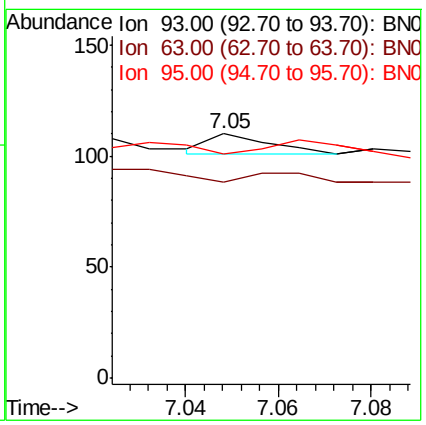


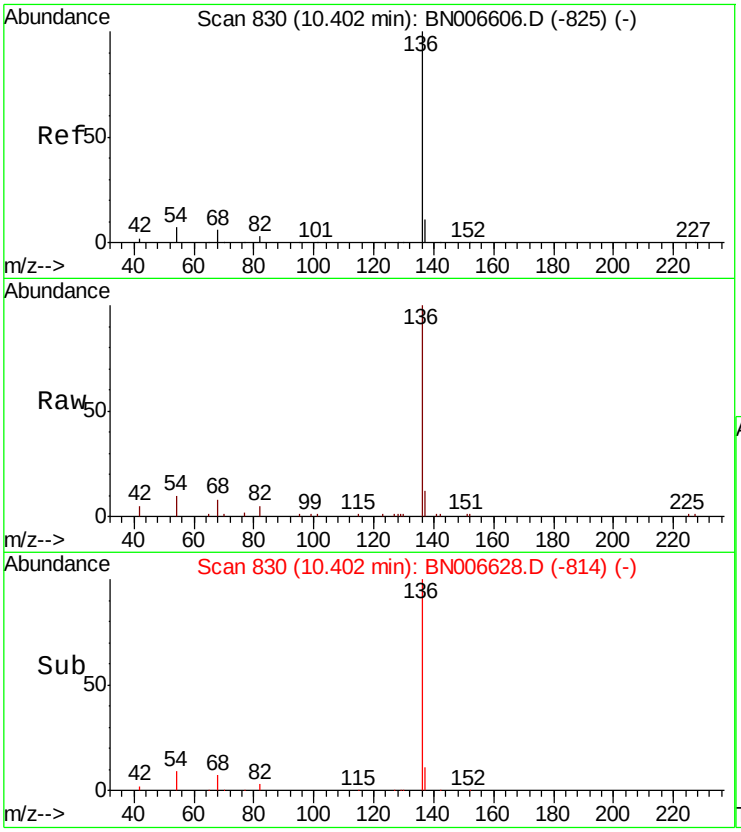


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.02 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.5	78.7#
95	225.0	24.2	36.4#



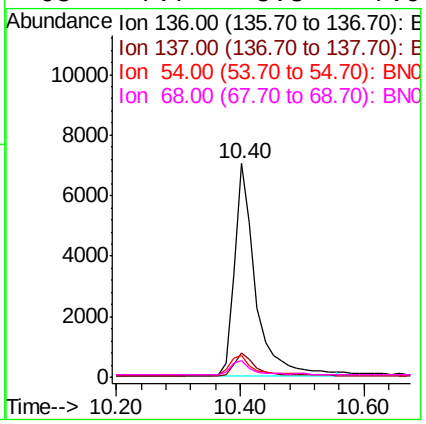


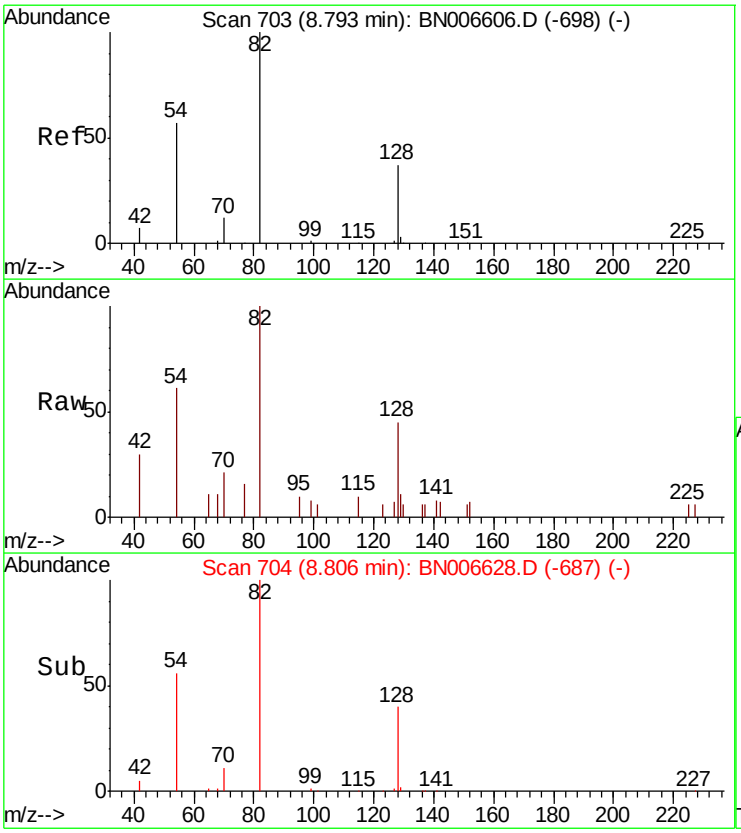
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:136 Resp: 16434

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.9	6.7	10.1
68	7.7	5.3	7.9

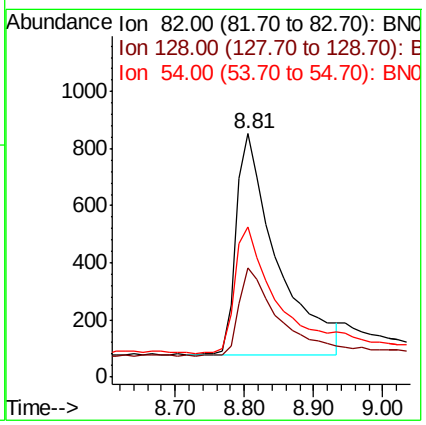


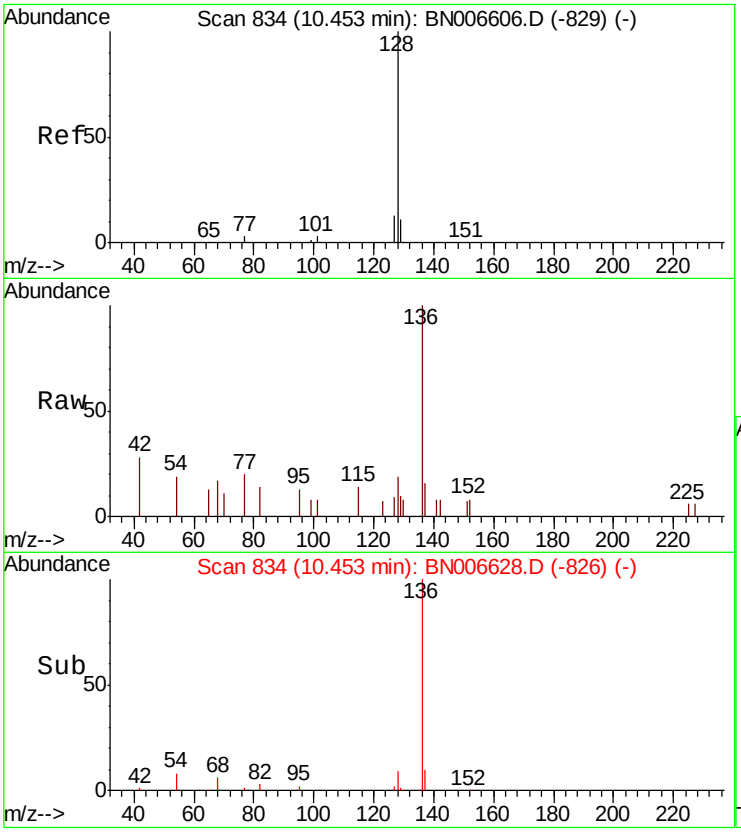


#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion: 82 Resp: 3175

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	49.0
54	61.4	48.2	72.4



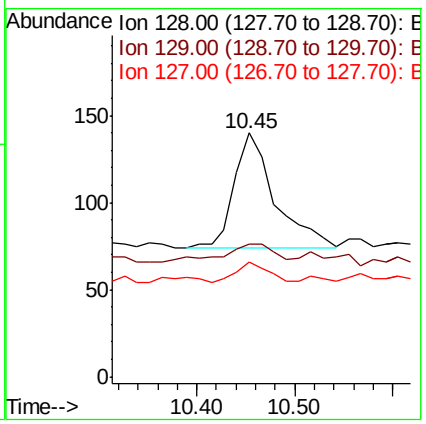


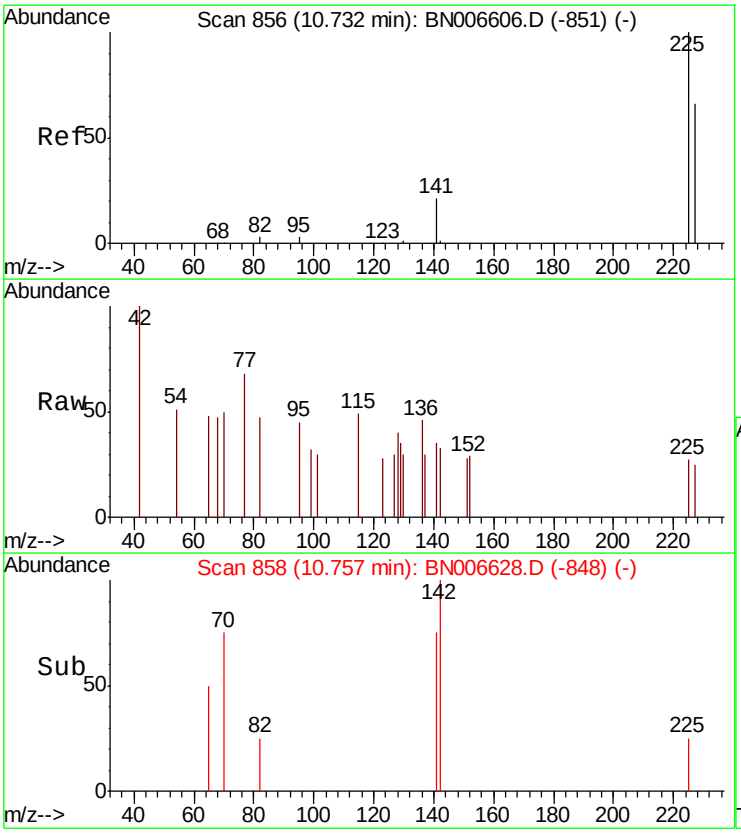
#9
Naphthalene
Concen: 0.004 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:128 Resp: 189

Ion	Ratio	Lower	Upper
128	100		
129	54.3	9.3	13.9#
127	47.1	10.8	16.2#

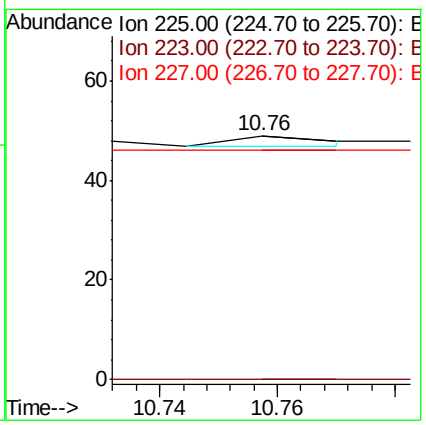


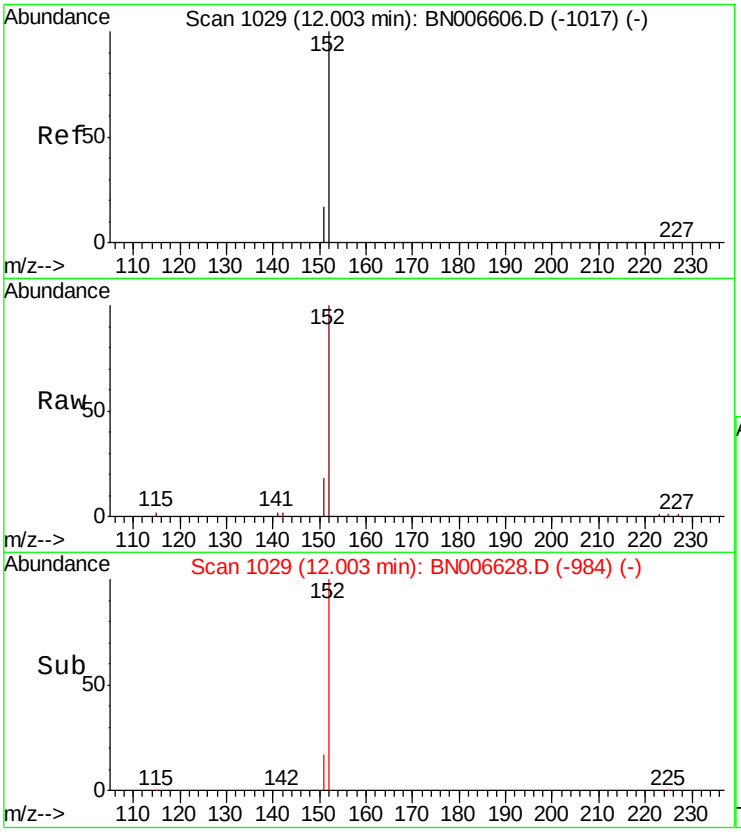


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.03 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.4	77.2#



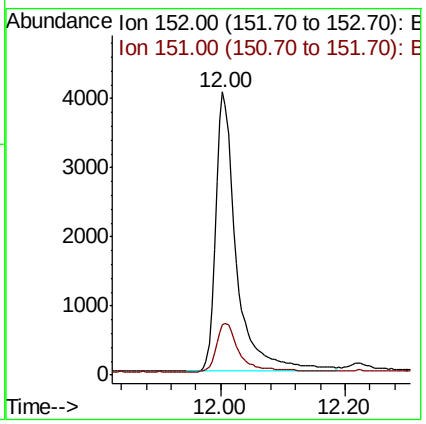


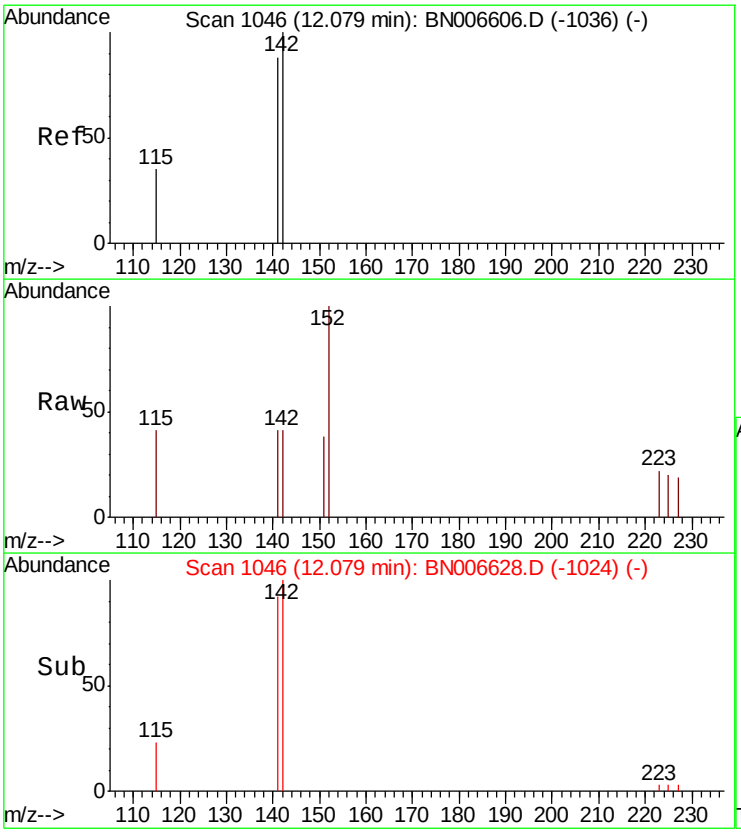
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.00 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:152 Resp: 9444

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.4

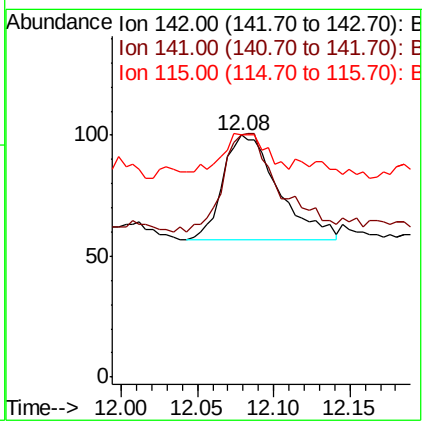


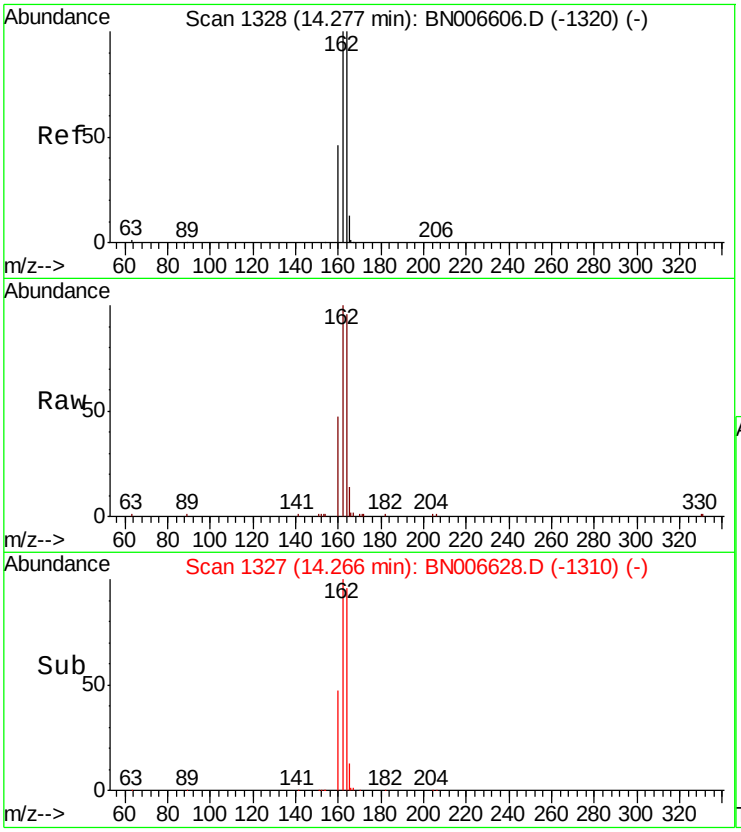


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:142 Resp: 108

Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.2	105.4
115	100.0	28.5	42.7#



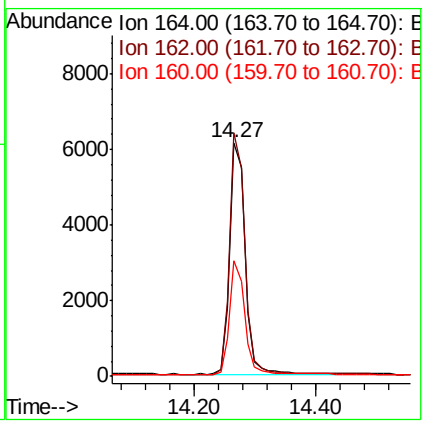


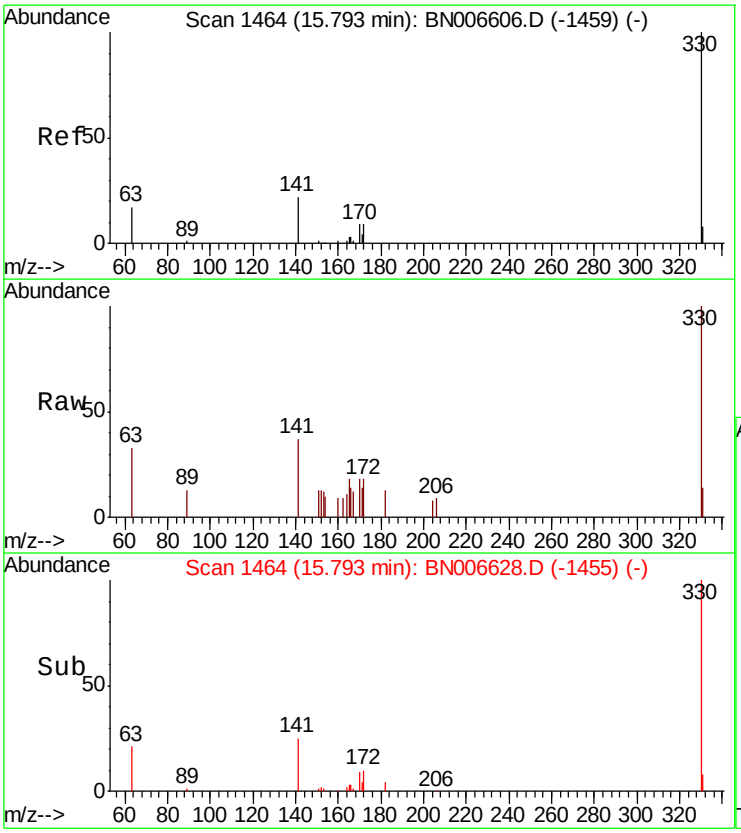
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:164 Resp: 10647

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.0	120.0
160	49.3	37.0	55.4

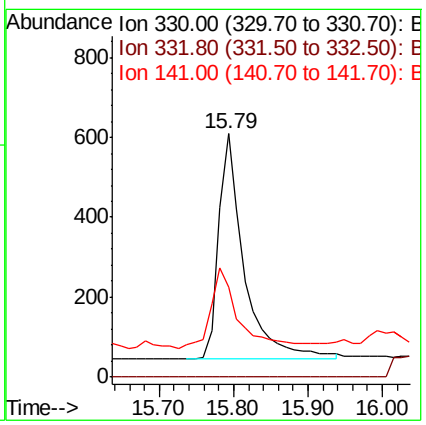


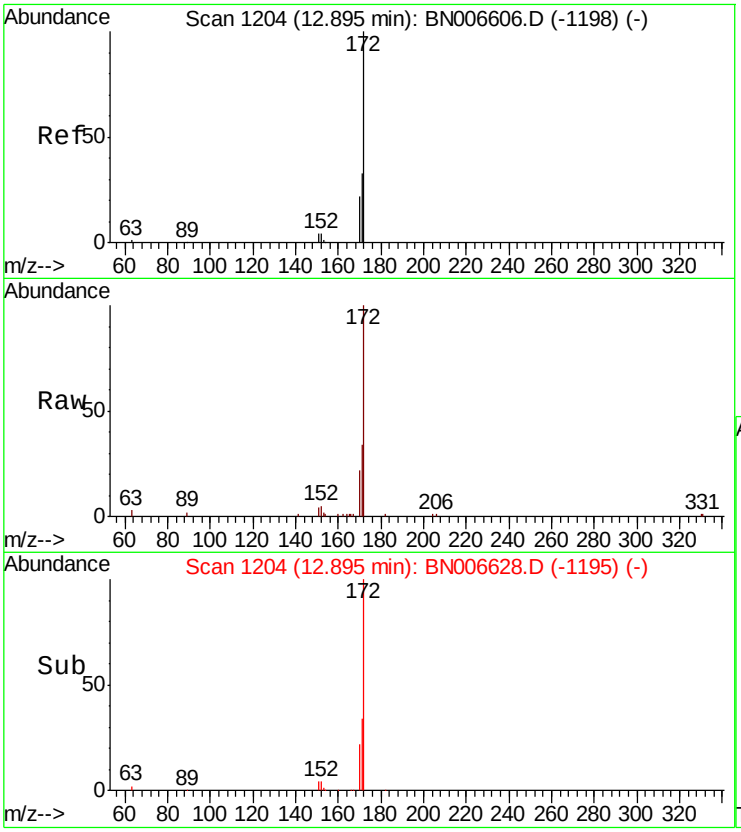


#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:330 Resp: 1333

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	26.5	39.7#



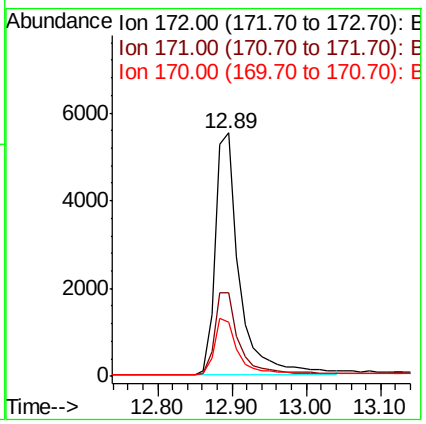


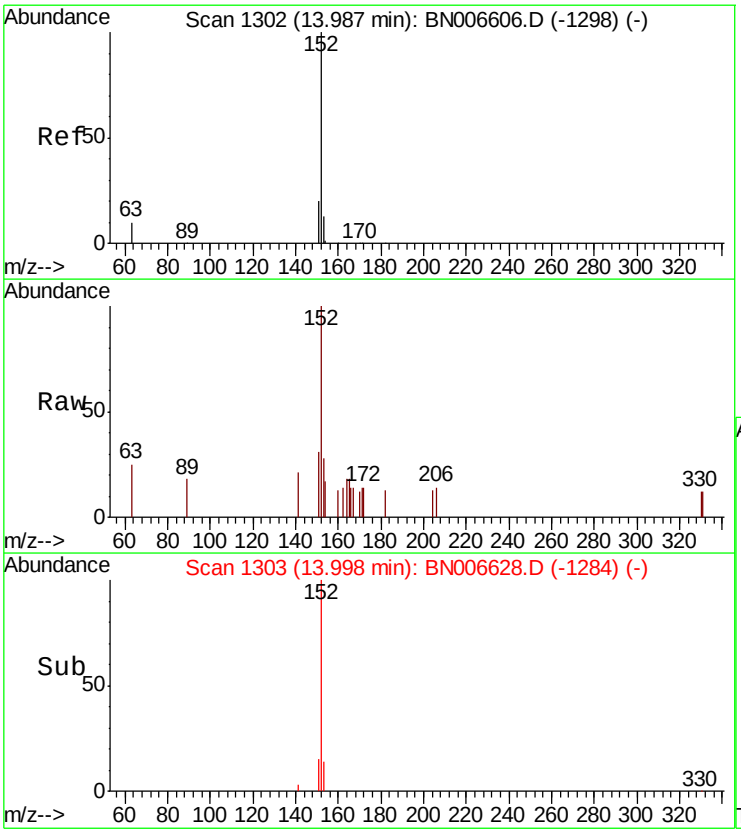
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:172 Resp: 12294

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.0	40.4
170	22.4	17.7	26.5

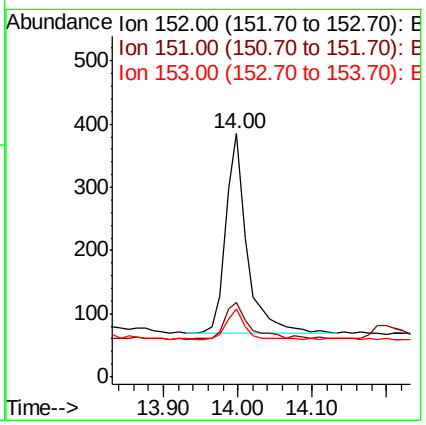


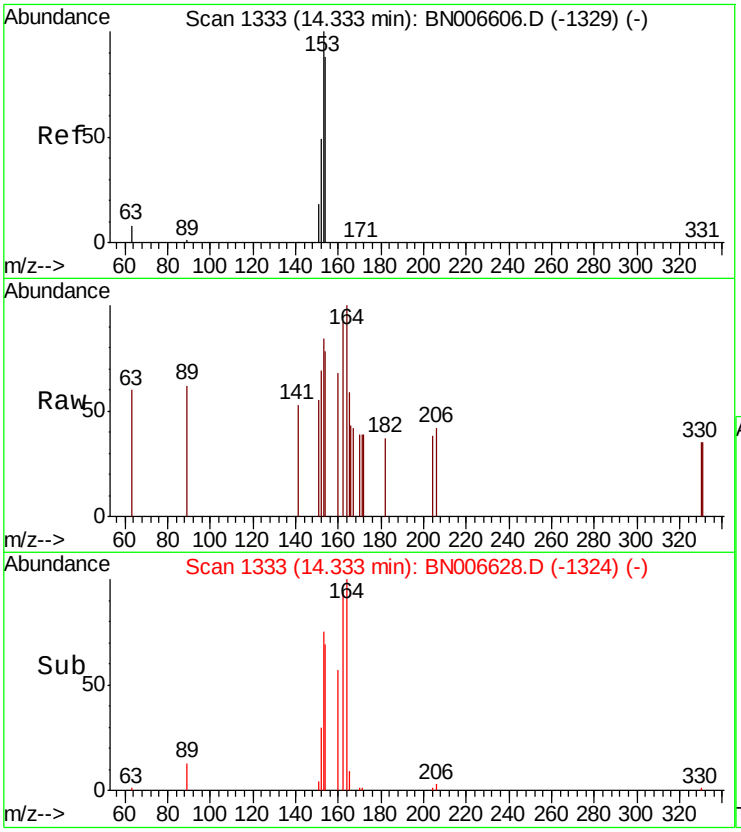


#16
Acenaphthylene
Concen: 0.012 ng
RT: 14.00 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:152 Resp: 627

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.6	23.4
153	13.7	10.5	15.7



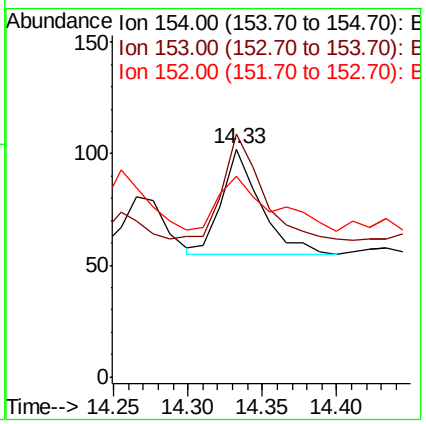


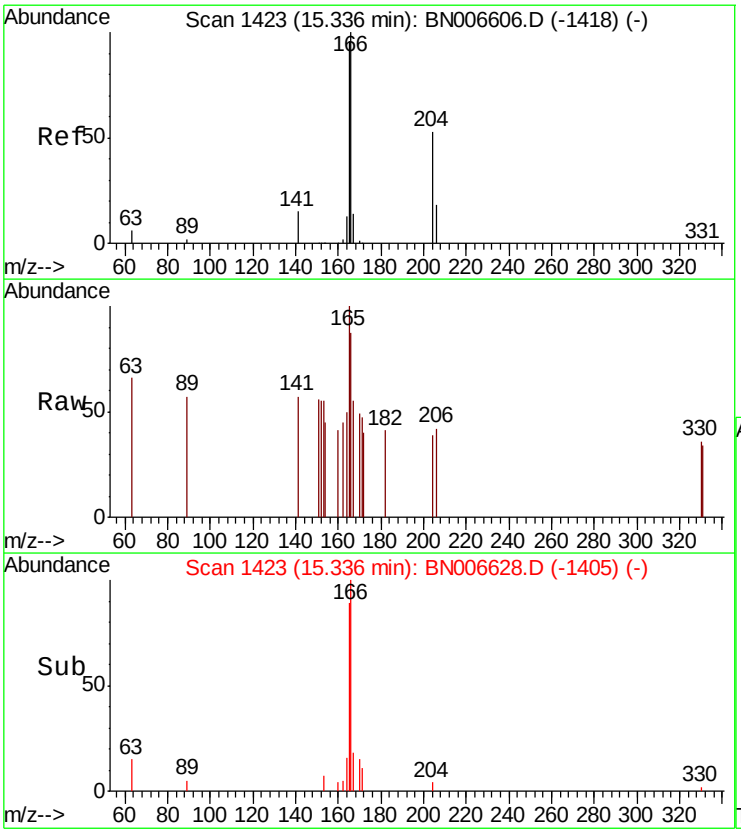
#17
Acenaphthene
Concen: 0.003 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:154 Resp: 84

Ion	Ratio	Lower	Upper
154	100		
153	104.8	90.2	135.4
152	78.6	44.2	66.4#

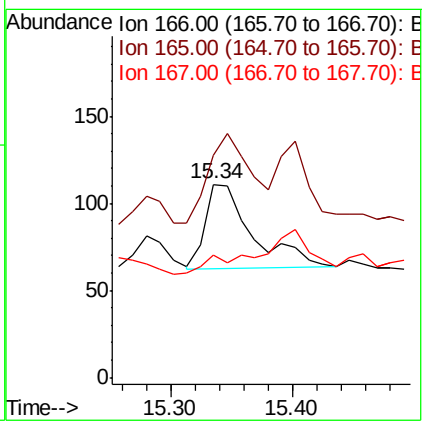


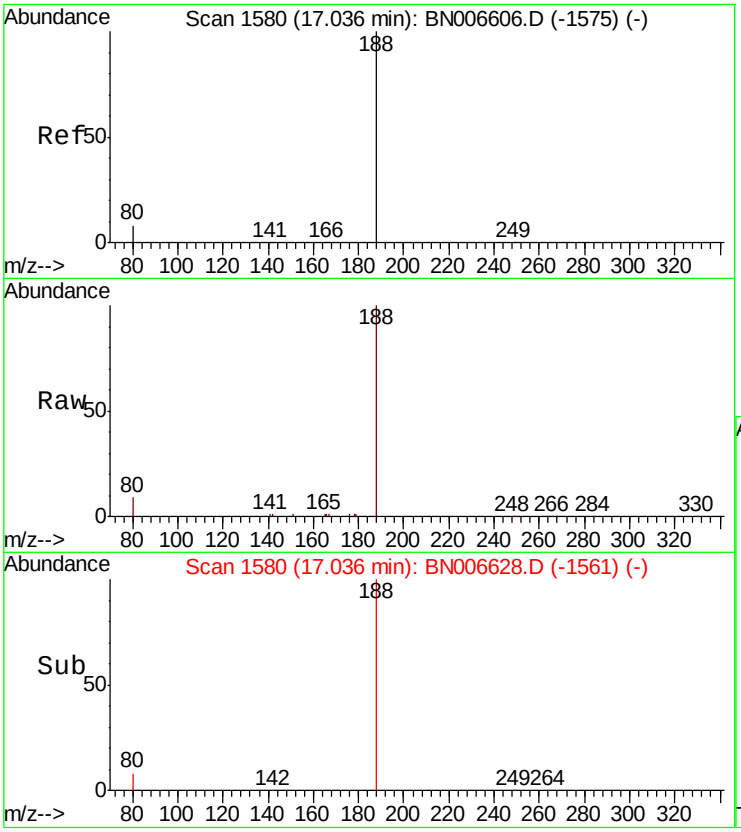


#18
Fluorene
Concen: 0.003 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:166 Resp: 129

Ion	Ratio	Lower	Upper
166	100		
165	107.0	78.4	117.6
167	0.0	10.8	16.2#



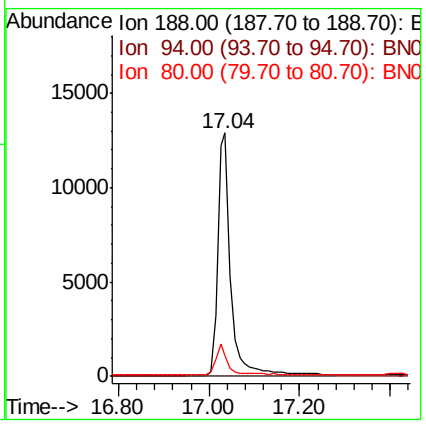


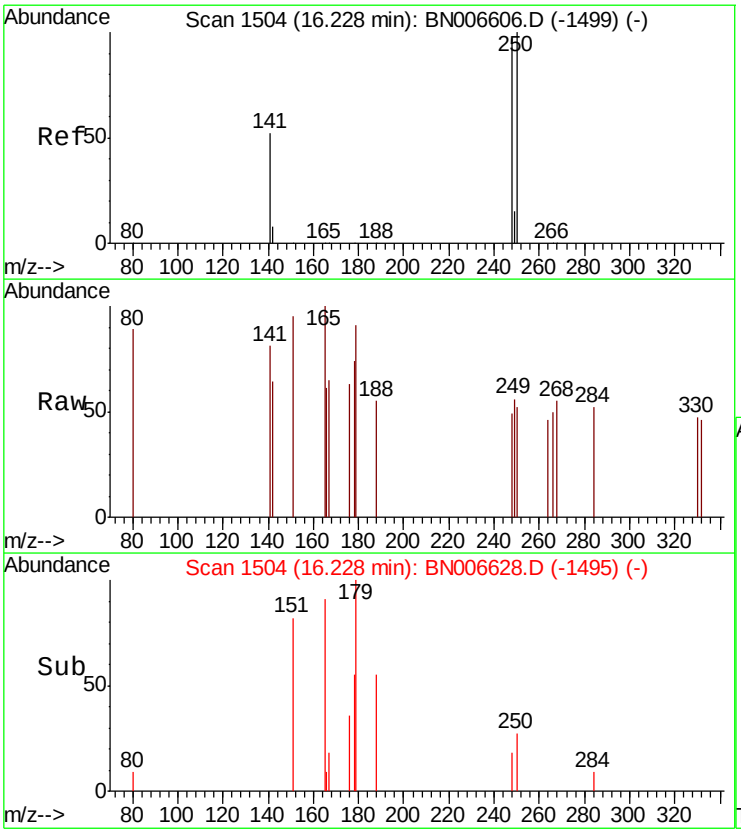
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:188 Resp: 25570

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.1	10.7

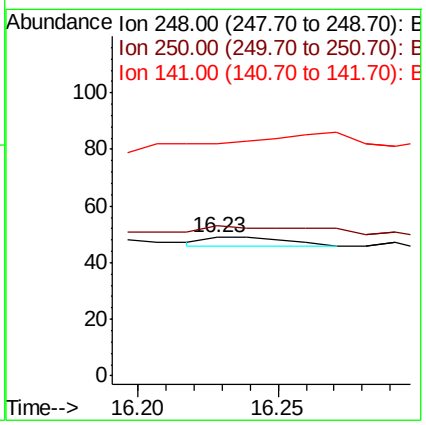


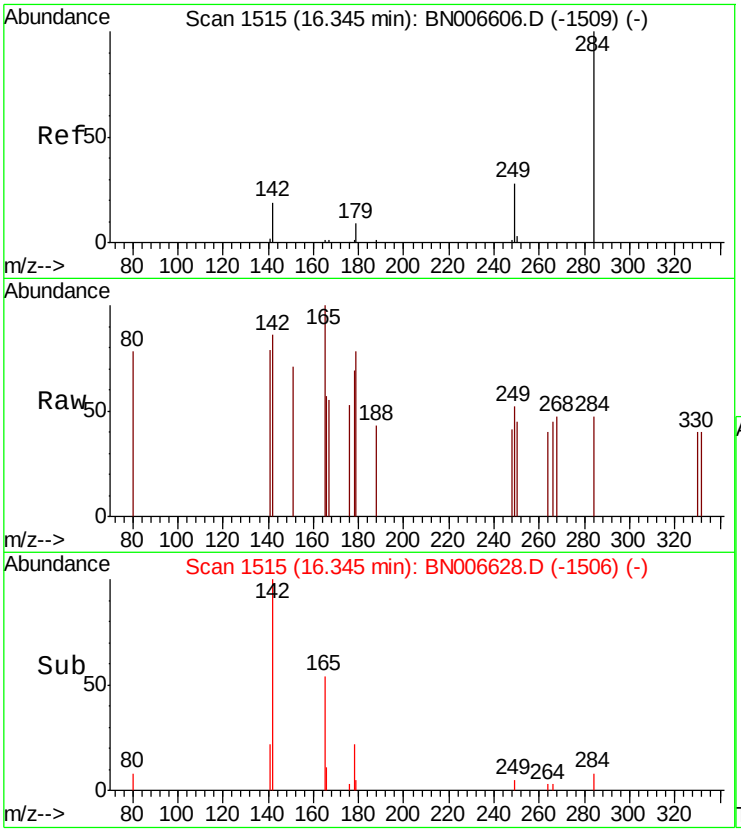


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.23 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	108.2	82.2	123.4
141	167.3	43.8	65.8#



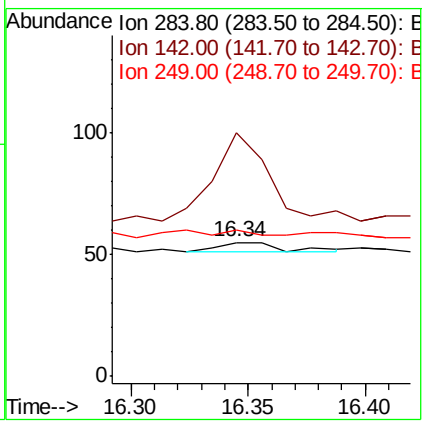


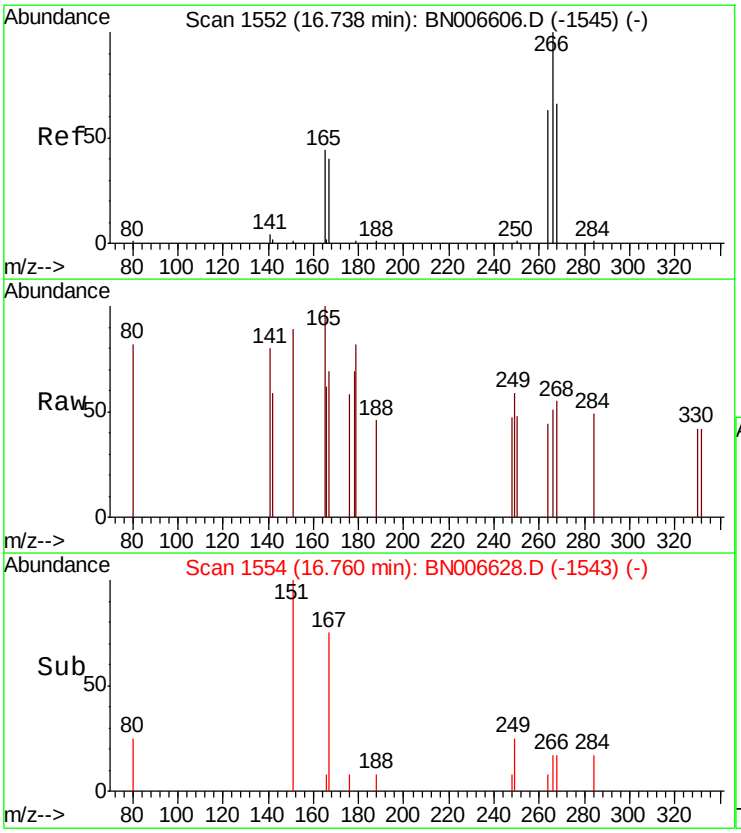
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	762.5	27.5	41.3#
249	0.0	24.7	37.1#

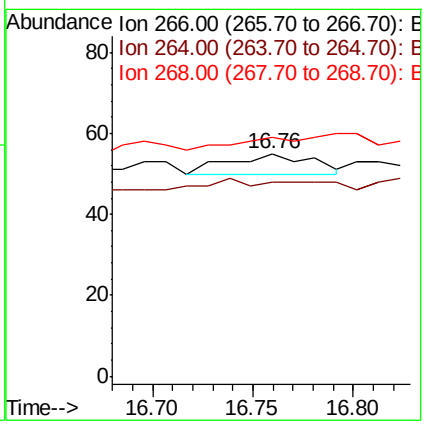


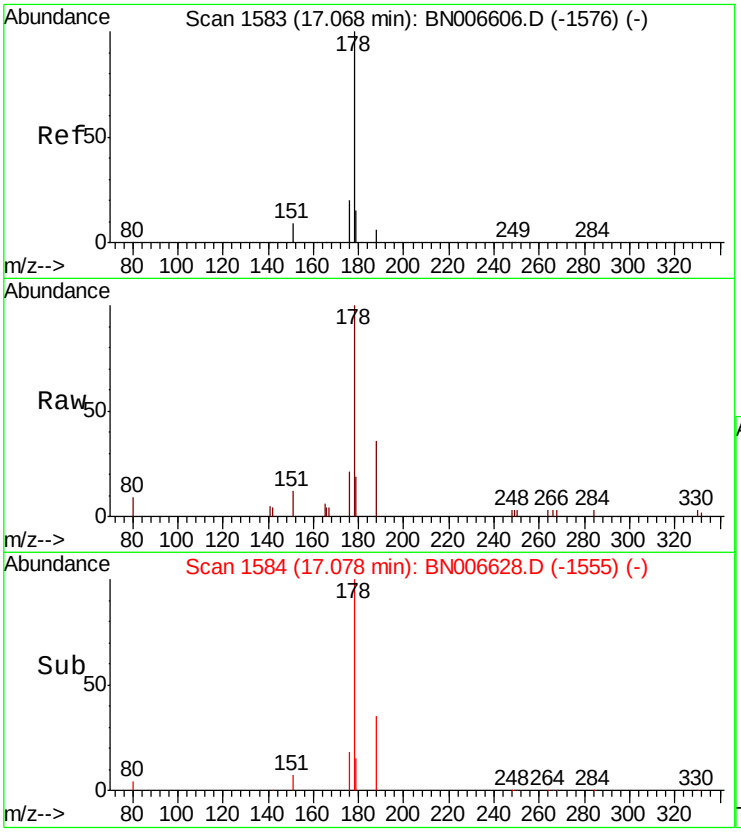


#22
Pentachlorophenol
Concen: 0.195 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	87.3	56.2	84.4#
268	107.3	63.0	94.4#



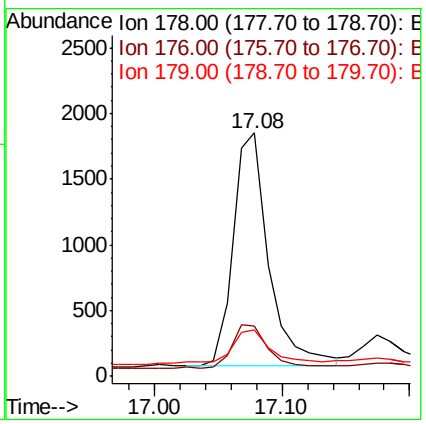


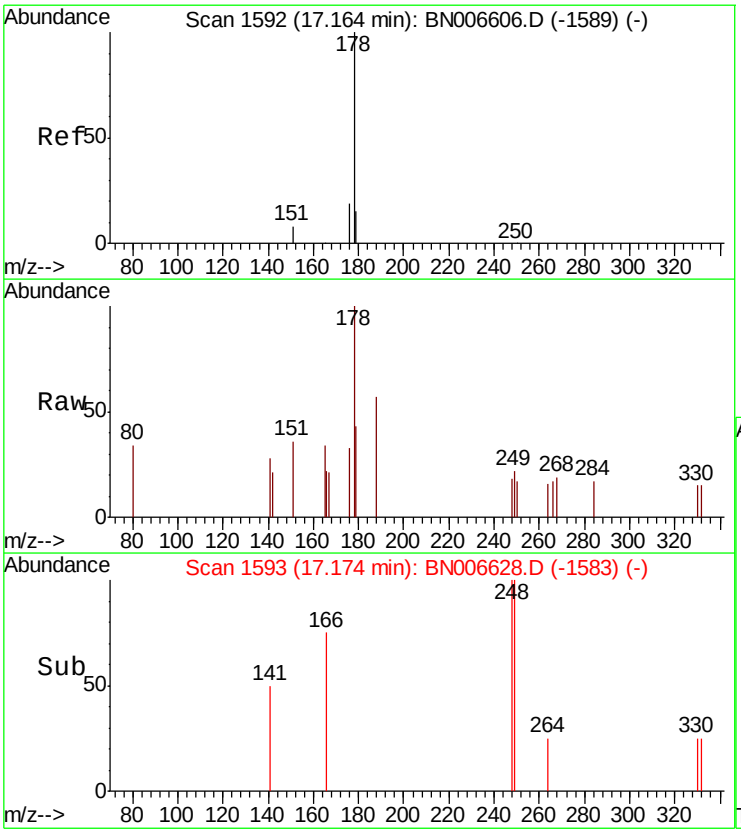
#23
Phenanthrene
Concen: 0.047 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:178 Resp: 3404

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	18.8	12.2	18.4#

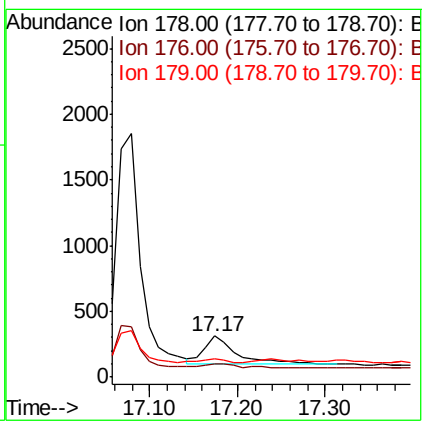


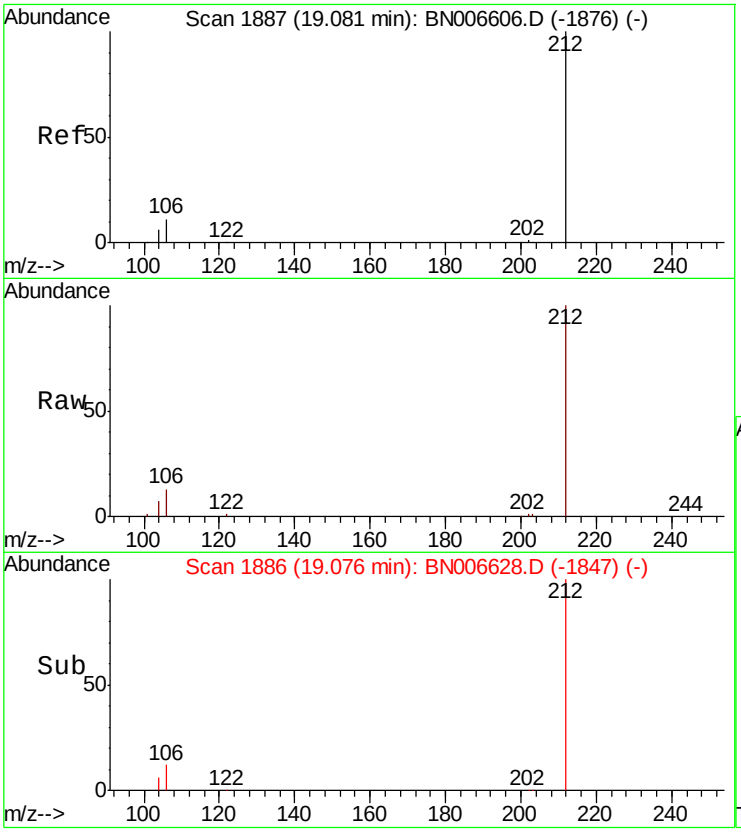


#24
Anthracene
Concen: 0.008 ng
RT: 17.17 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:178 Resp: 515

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	10.1	12.2	18.2#



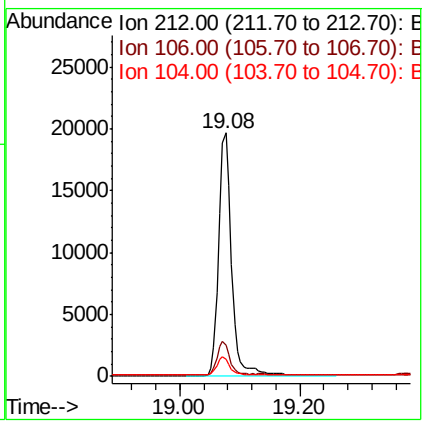


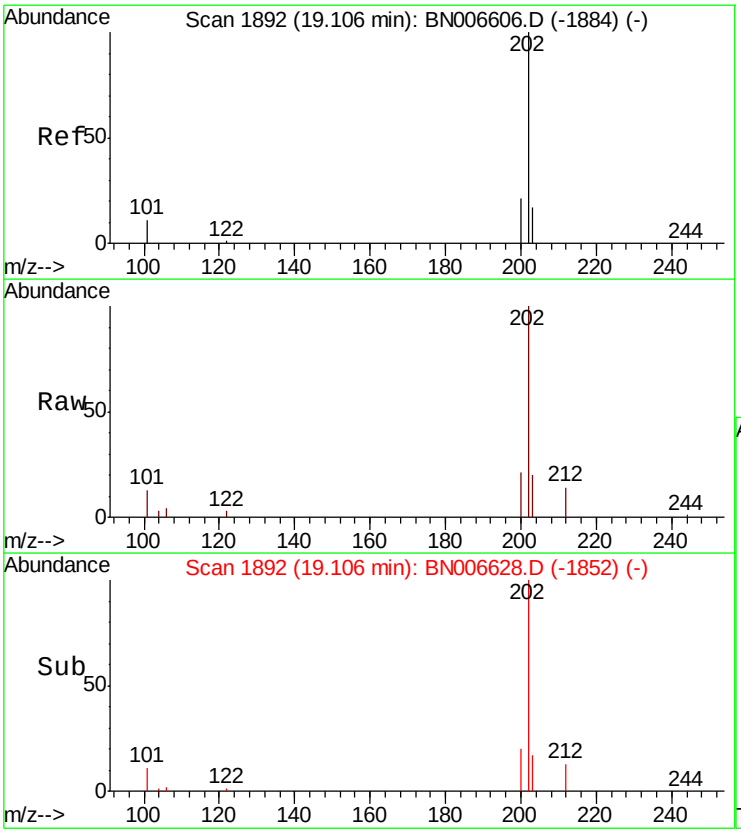
#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:212 Resp: 29346

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	7.5	5.8	8.6

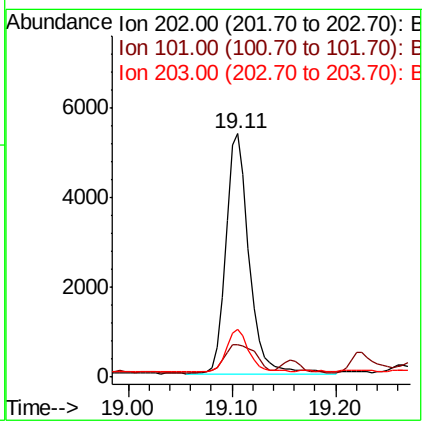


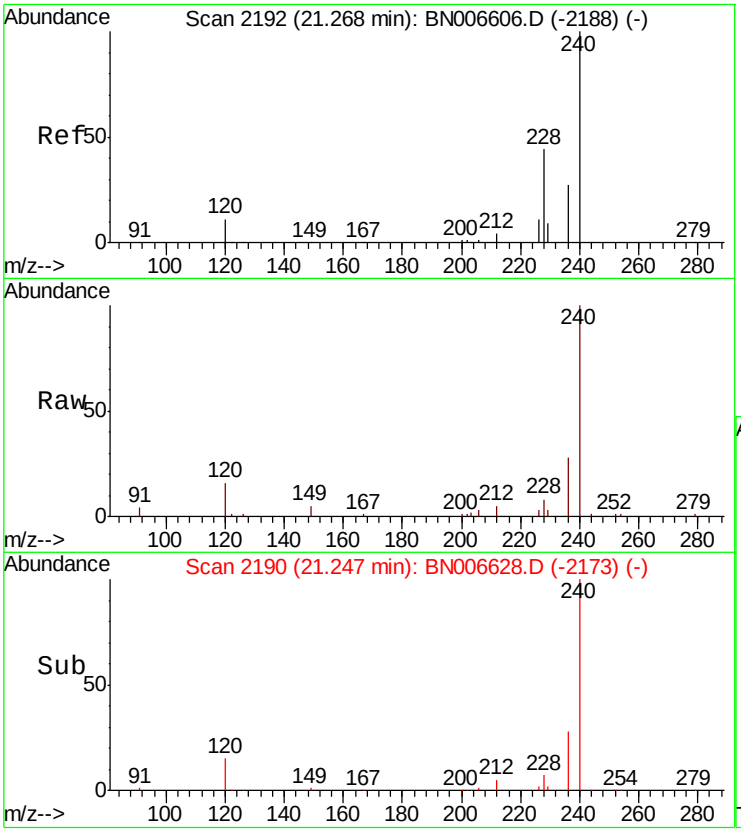


#26
Fluoranthene
Concen: 0.092 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:202 Resp: 8163

Ion	Ratio	Lower	Upper
202	100		
101	17.1	8.9	13.3#
203	17.5	13.6	20.4



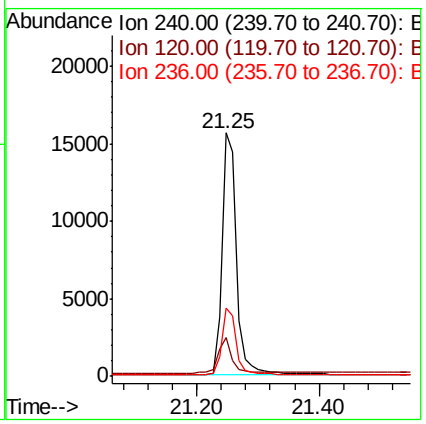


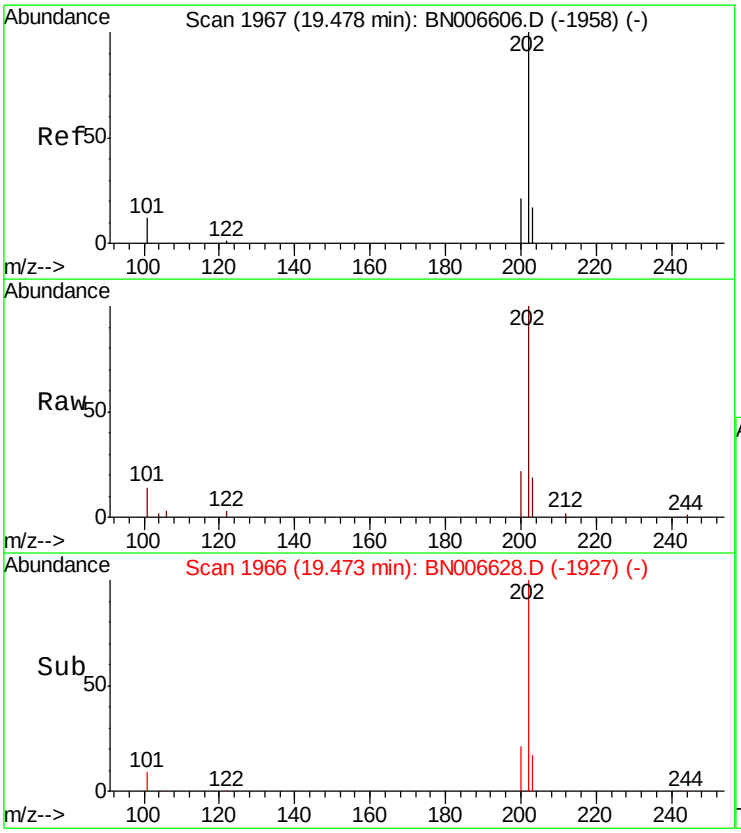
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:240 Resp: 26095

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.9	14.9#
236	28.2	22.2	33.4

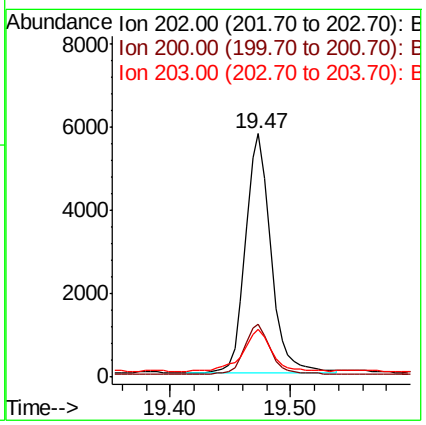


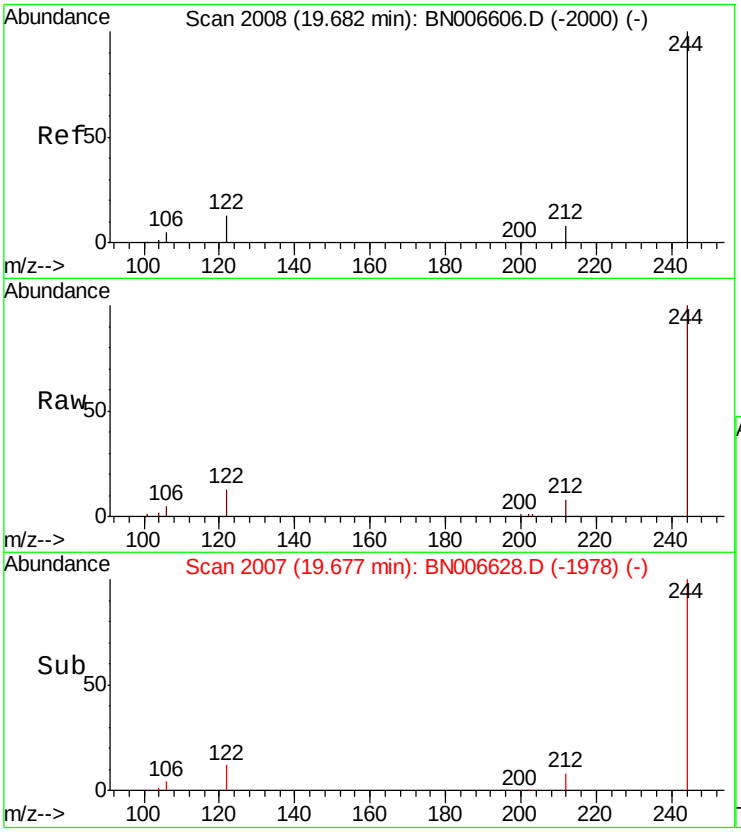


#28
Pyrene
Concen: 0.093 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:202 Resp: 8516

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	19.7	14.1	21.1



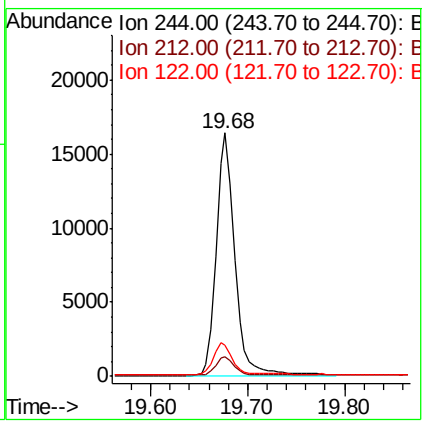


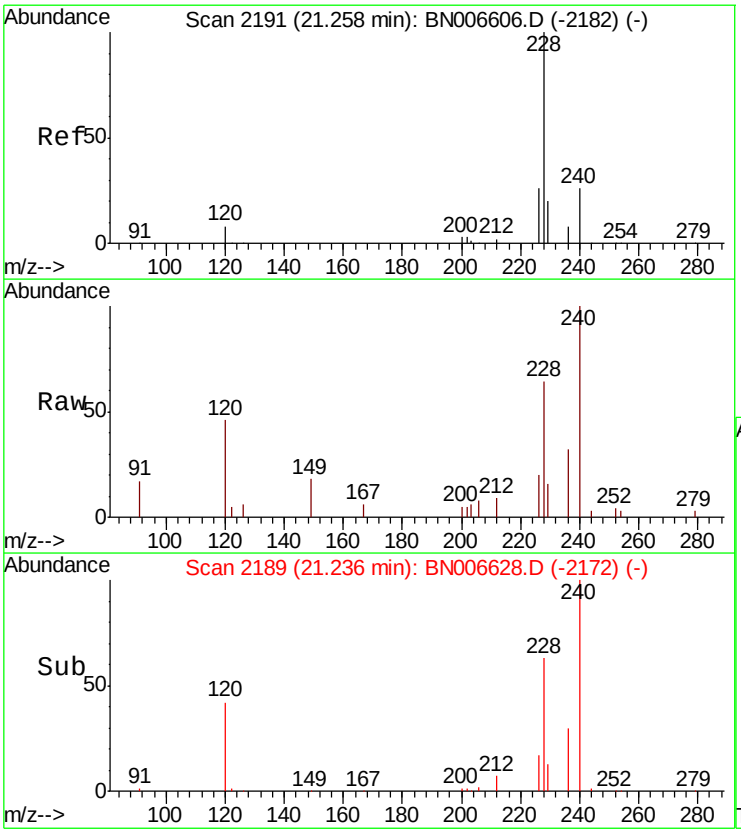
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:244 Resp: 21921

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	12.7	11.0	16.6

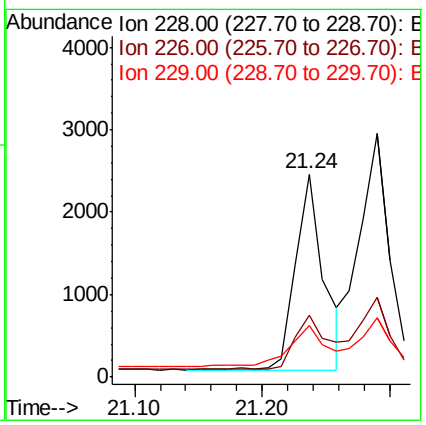


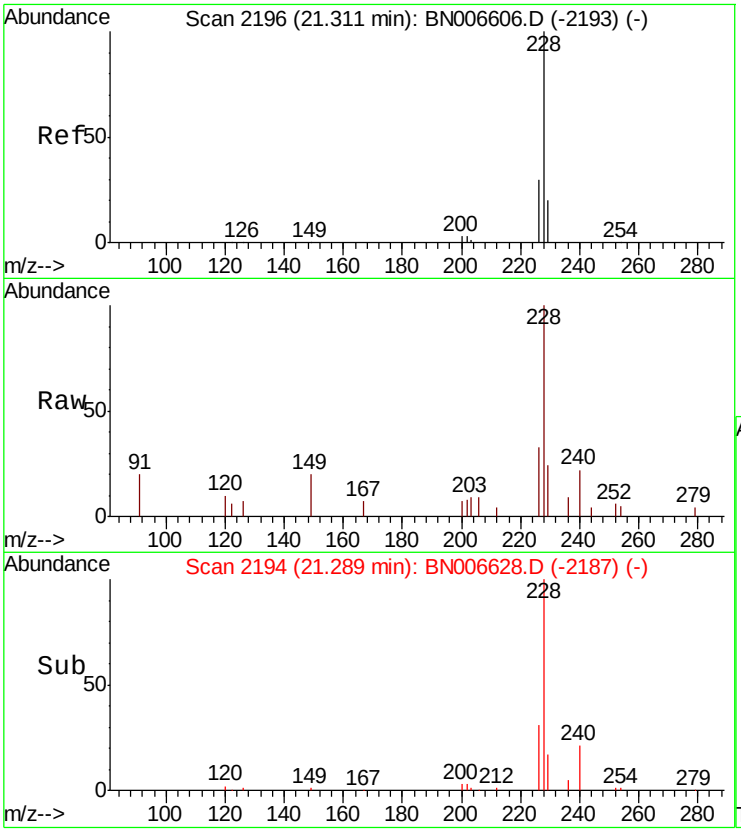


#30
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:228 Resp: 3636

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.2	31.8
229	25.5	16.1	24.1#



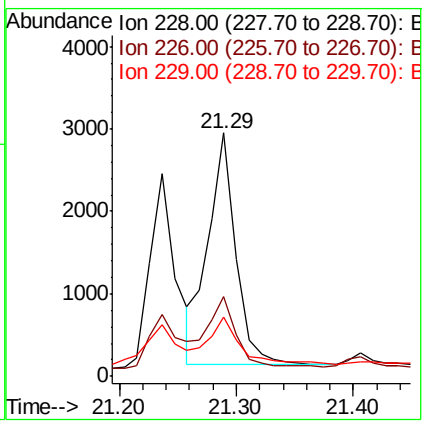


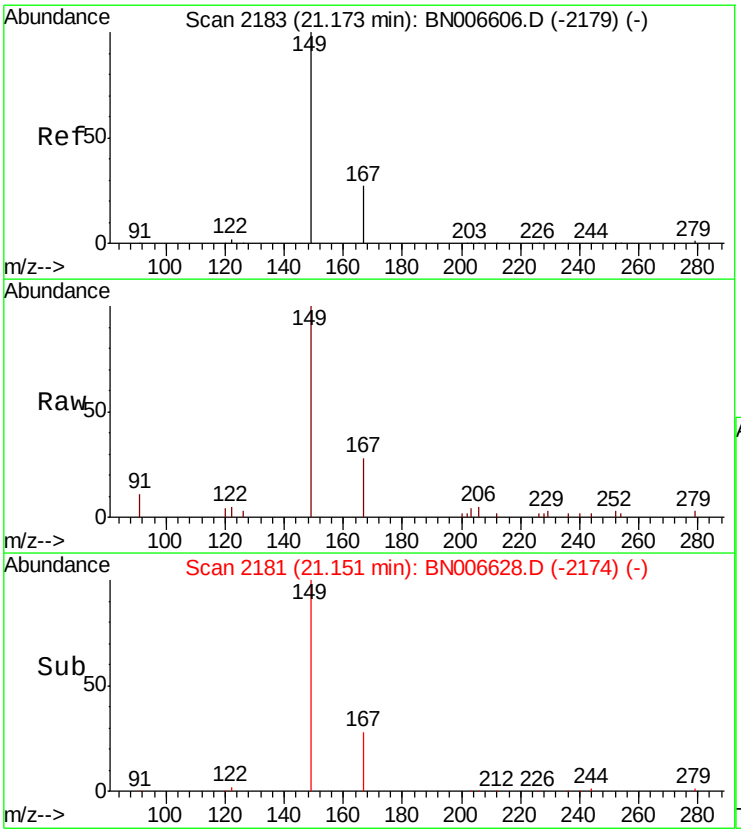
#31
Chrysene
Concen: 0.051 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:228 Resp: 4699

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.8	35.6
229	24.2	15.9	23.9#

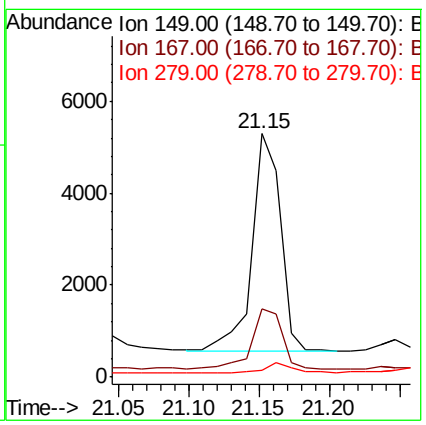


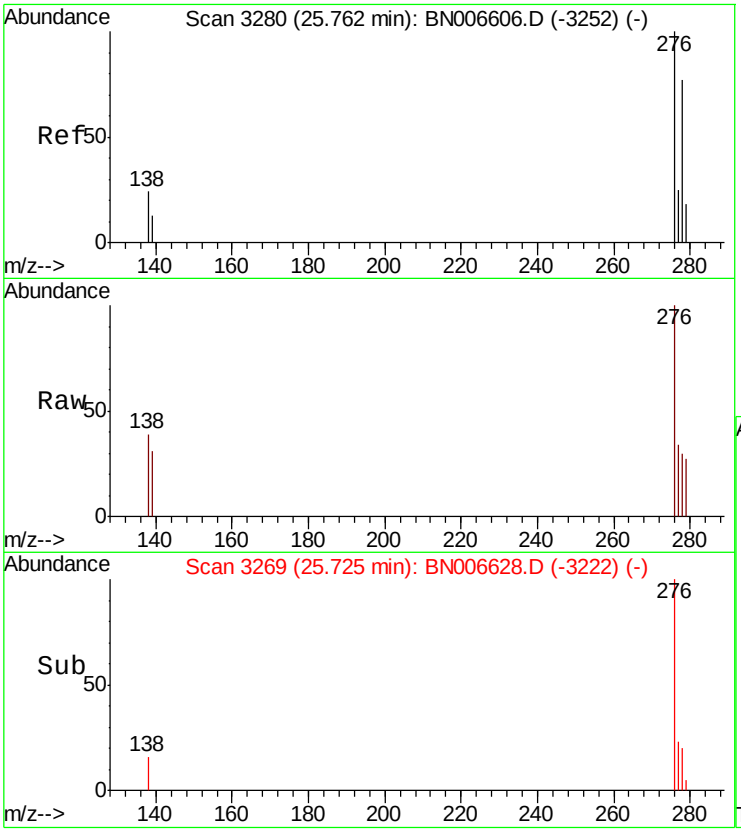


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.156 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:149 Resp: 6703

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.9	34.3
279	4.2	3.3	4.9



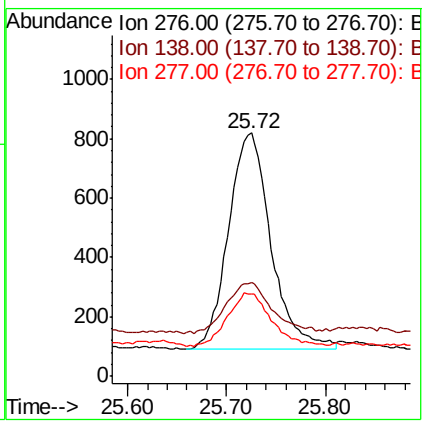


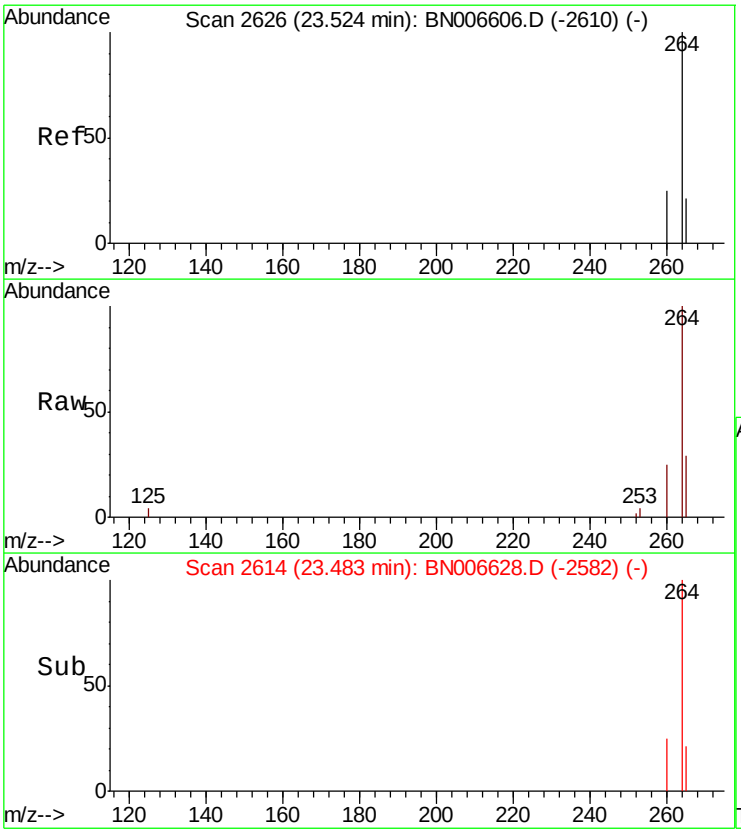
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:276 Resp: 2184

Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.3	28.9
277	25.5	19.9	29.9

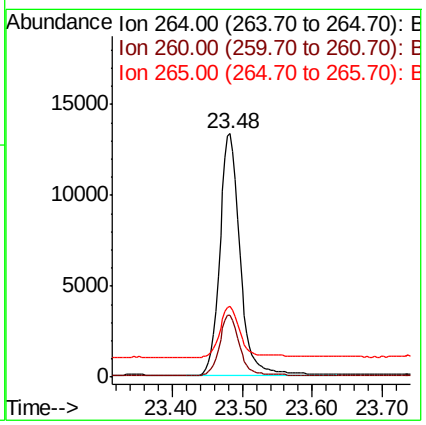


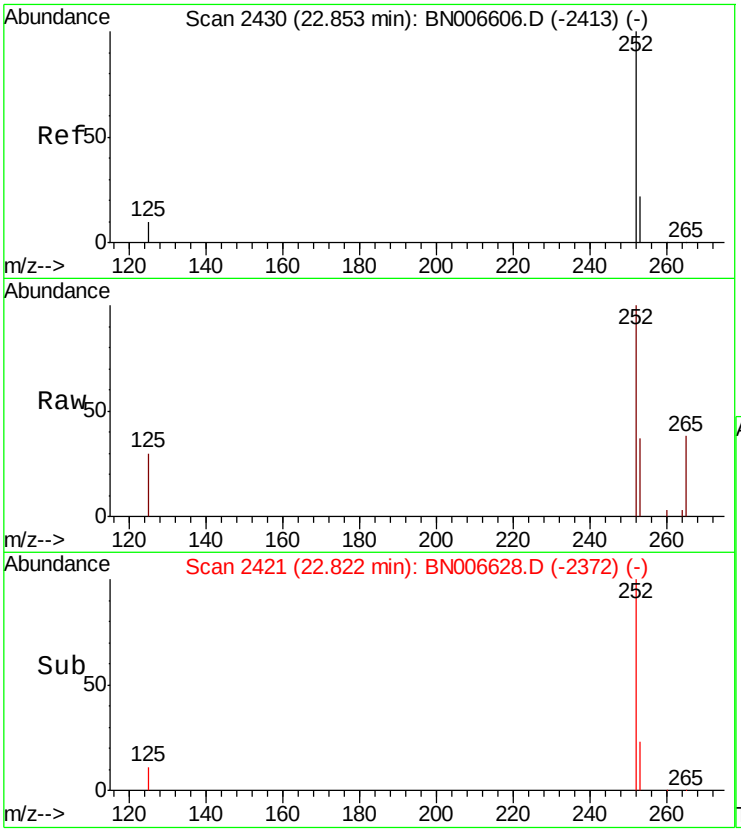


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2614
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:264 Resp: 26359

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	29.3	23.3	34.9



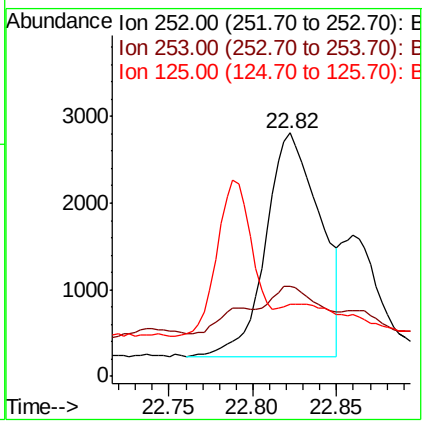


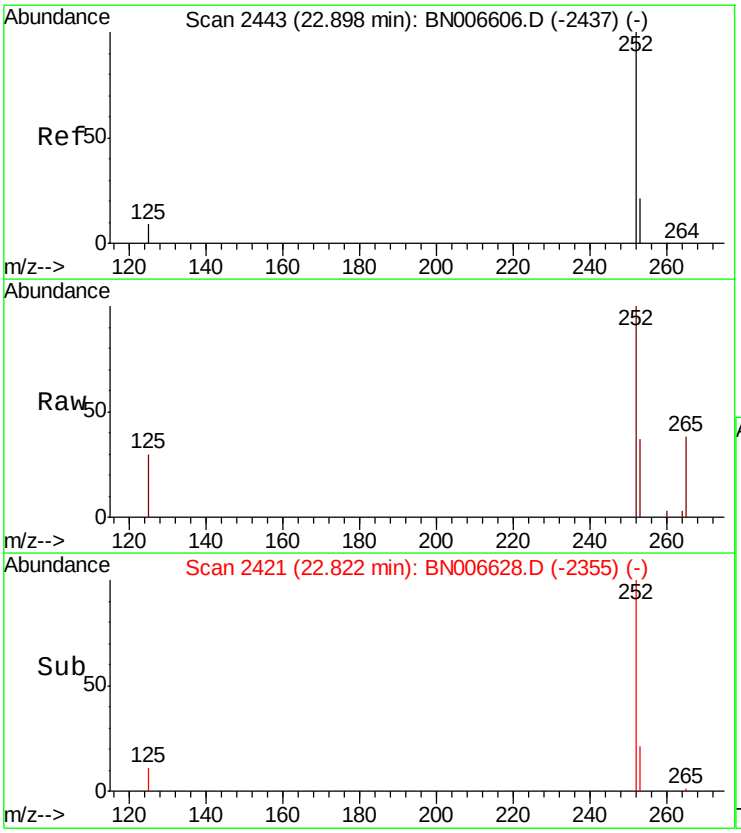
#35
Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.03 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:252 Resp: 5775

Ion	Ratio	Lower	Upper
252	100		
253	36.9	18.4	27.6#
125	29.5	8.7	13.1#

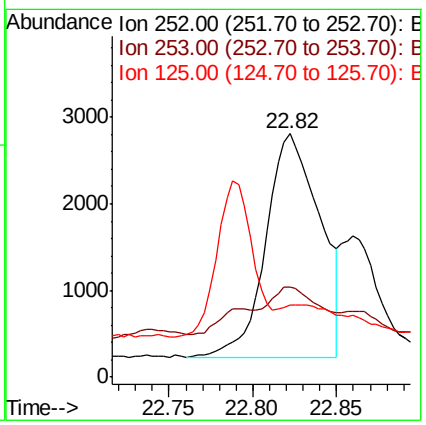


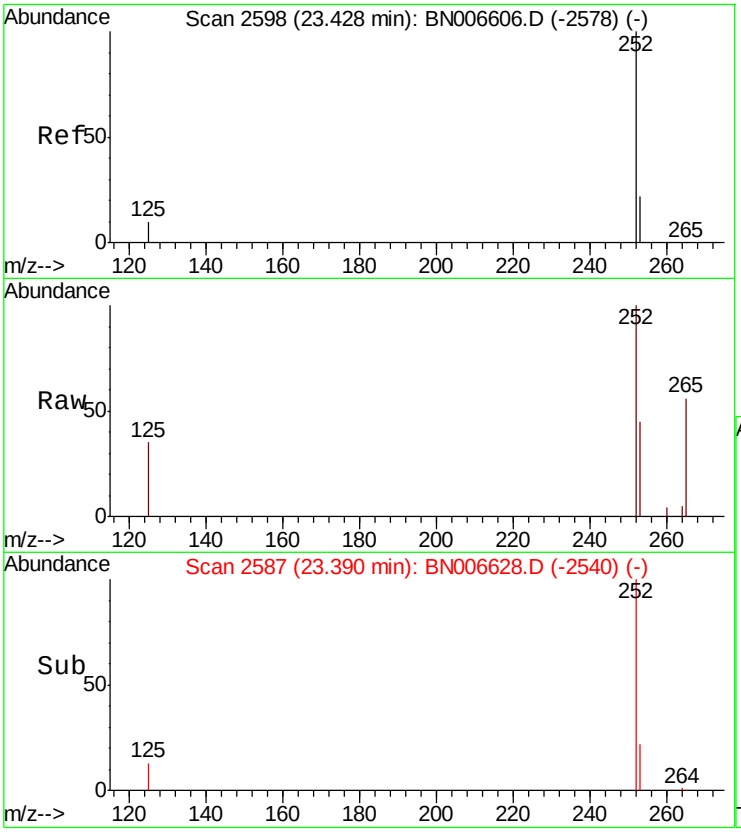


#36
Benzo(k)fluoranthene
Concen: 0.060 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.08 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:252 Resp: 5775

Ion	Ratio	Lower	Upper
252	100		
253	36.9	18.3	27.5#
125	29.5	8.4	12.6#



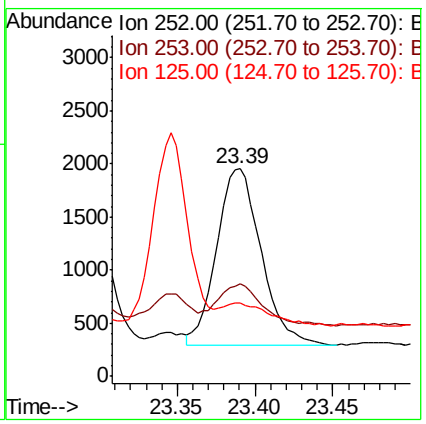


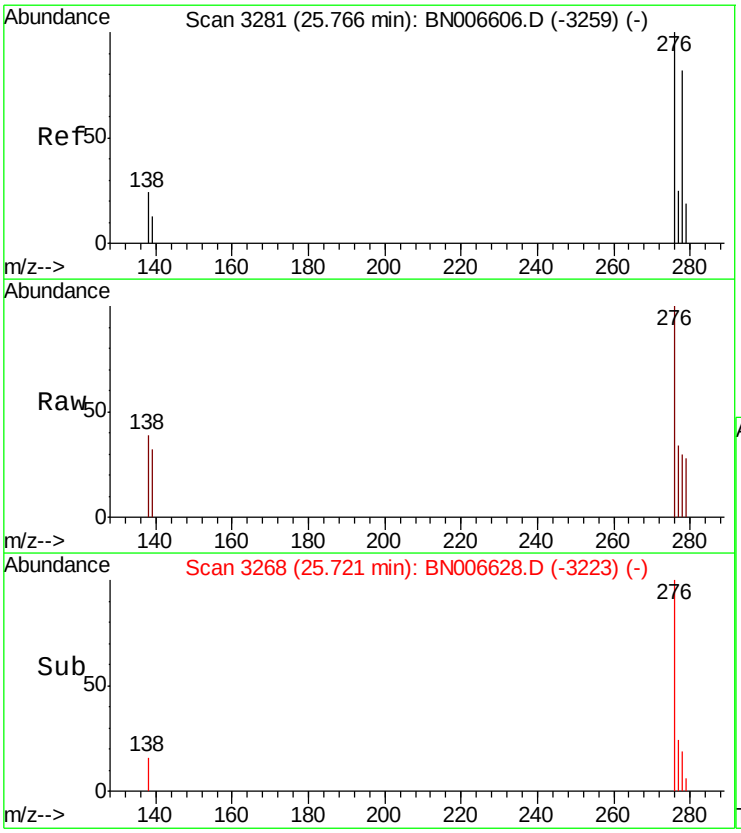
#37
Benzo(a)pyrene
Concen: 0.039 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:252 Resp: 3269

Ion	Ratio	Lower	Upper
252	100		
253	44.8	18.8	28.2#
125	35.1	9.4	14.2#

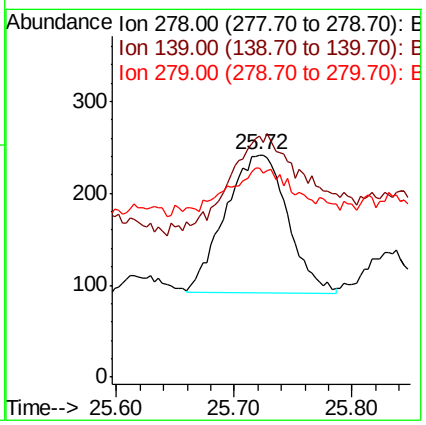


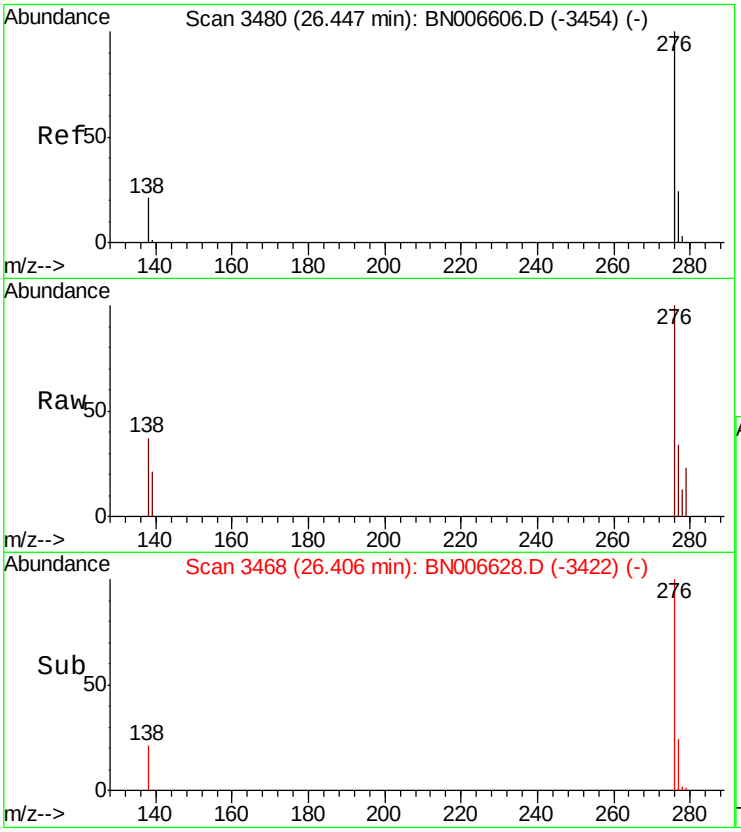


#38
Dibenzo(a,h)anthracene
Concen: 0.008 ng
RT: 25.72 min Scan# 3268
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:278 Resp: 550

Ion	Ratio	Lower	Upper
278	100		
139	108.7	13.5	20.3#
279	94.2	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 26.41 min Scan# 3468
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion:276 Resp: 2277

Ion	Ratio	Lower	Upper
276	100		
277	34.0	19.6	29.4#
138	37.2	17.7	26.5#