Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006665.D
Acq On : 01 Jul 2019 17:38
Operator : HP/JU
Sample : K3504-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-001-B017-062019

Quant Time: Jul 02 05:06:11 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	4444	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	17244	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	9418	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	20209	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	18381	0.40	ng		-0.01
34) Perylene-d12	23.49	264	20863	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2842	0.26	ng		0.00
5) Phenol-d6	6.82	99	3858	0.27	ng		0.00
8) Nitrobenzene-d5	8.79	82	2461	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	6027	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1090	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	8050	0.23	ng		-0.01
25) Fluoranthene-d10	19.08	212	11763	0.20	ng		0.00
29) Terphenyl-d14	19.68	244	8031	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	2627	0.058	ng	#	88
12) 2-Methylnaphthalene	12.07	142	947	0.030	ng	#	88
16) Acenaphthylene	13.99	152	4450	0.099	ng		99
17) Acenaphthene	14.33	154	1012	0.034	ng		95
18) Fluorene	15.34	166	1935	0.052	ng	#	92
22) Pentachlorophenol	16.74	266	10	0.195	ng	#	74
23) Phenanthrene	17.07	178	27478	0.478	ng		100
24) Anthracene	17.16	178	4878	0.098	ng		99
26) Fluoranthene	19.11	202	34077	0.488	ng		99
28) Pyrene	19.47	202	33083	0.514	ng		97
30) Benzo(a)anthracene	21.24	228	15200	0.253	ng		92
31) Chrysene	21.24	228	8522	0.132	ng		96
32) Bis(2-ethylhexyl)phthalate	21.16	149	6079	0.201	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	9213	0.141	ng		97
35) Benzo(b)fluoranthene	22.83	252	18714	0.264	ng	#	80
36) Benzo(k)fluoranthene	22.83	252	18714	0.247	ng	#	80
37) Benzo(a)pyrene	23.39	252	13909	0.210	ng	#	78
38) Dibenzo(a,h)anthracene	25.72	278	2544	0.044	ng	#	8
39) Benzo(g,h,i)perylene	26.41	276	9681	0.167	ng	#	85

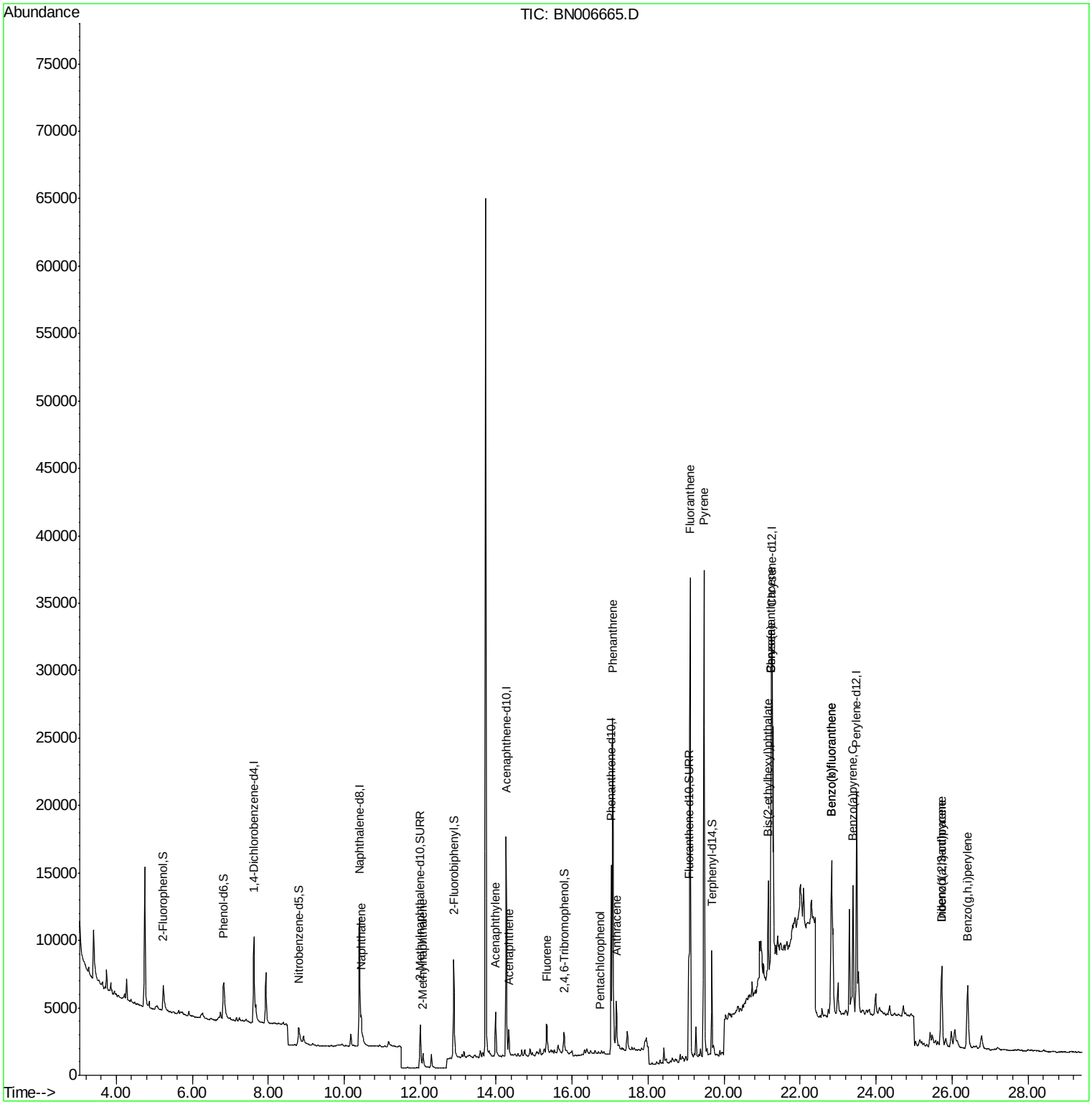
(#) = qualifier out of range (m) = manual integration (+) = signals summed

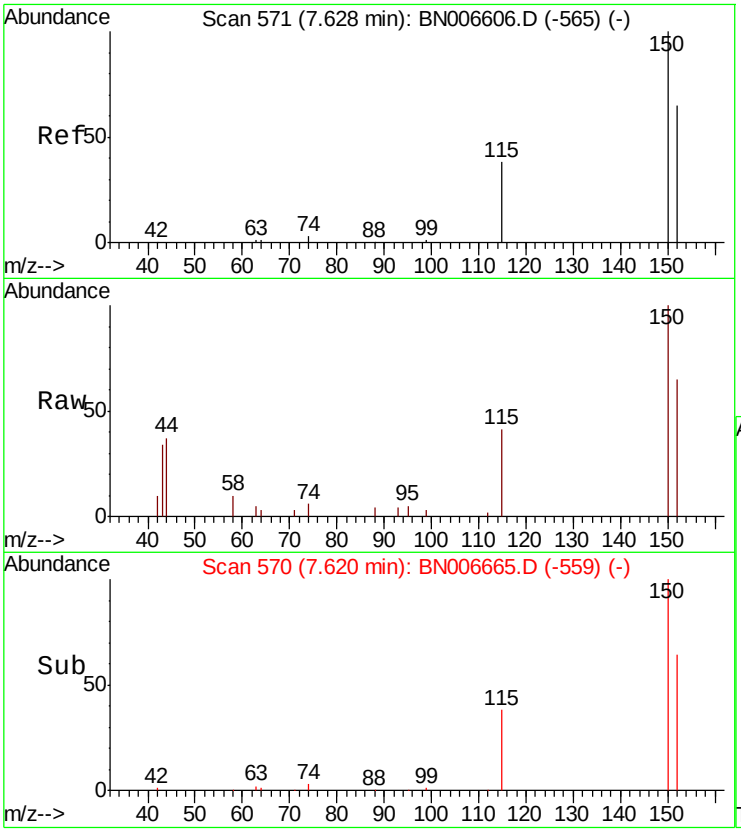
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006665.D
Acq On : 01 Jul 2019 17:38
Operator : HP/JU
Sample : K3504-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Quant Time: Jul 02 05:06:11 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



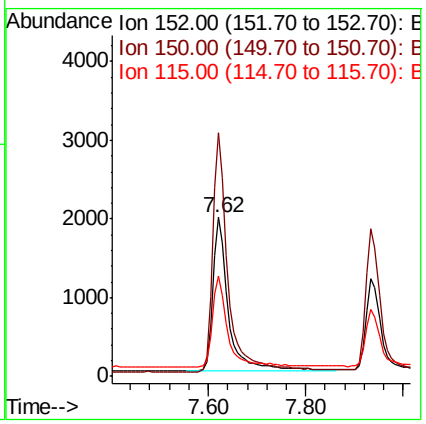


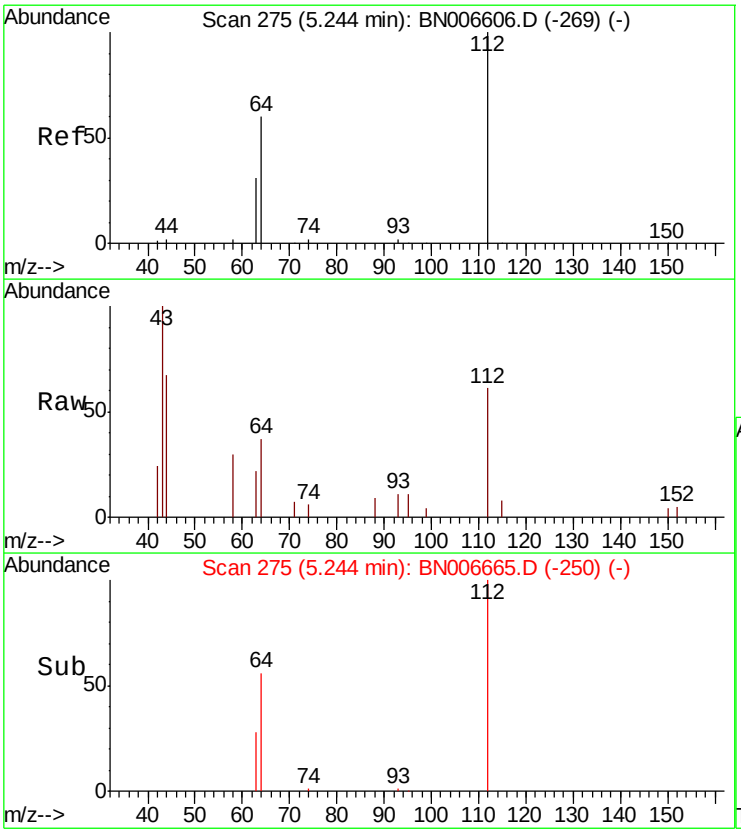
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:152 Resp: 4444

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.2	183.2
115	62.8	50.0	75.0

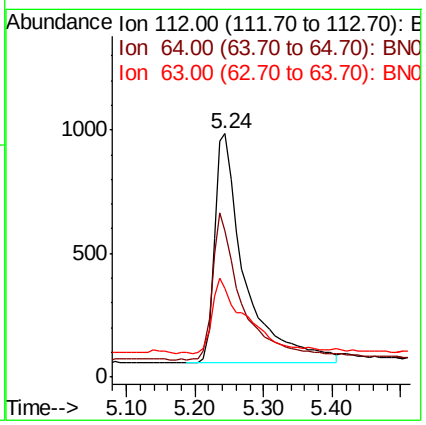


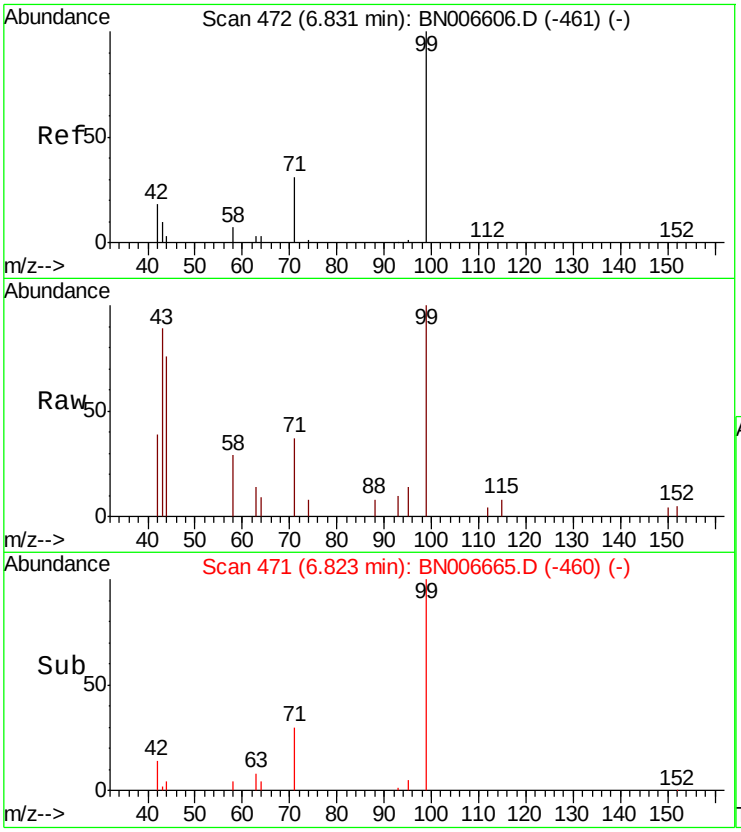


#4
2-Fluorophenol
Concen: 0.261 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:112 Resp: 2842

Ion	Ratio	Lower	Upper
112	100		
64	63.1	48.9	73.3
63	38.3	24.3	36.5#



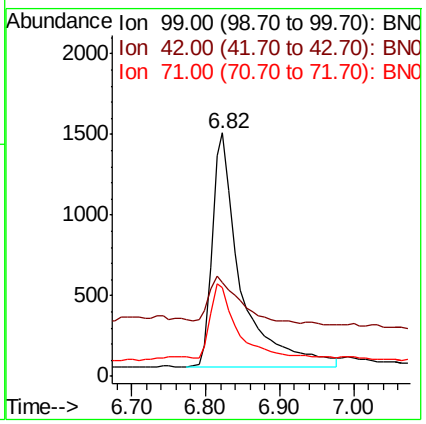


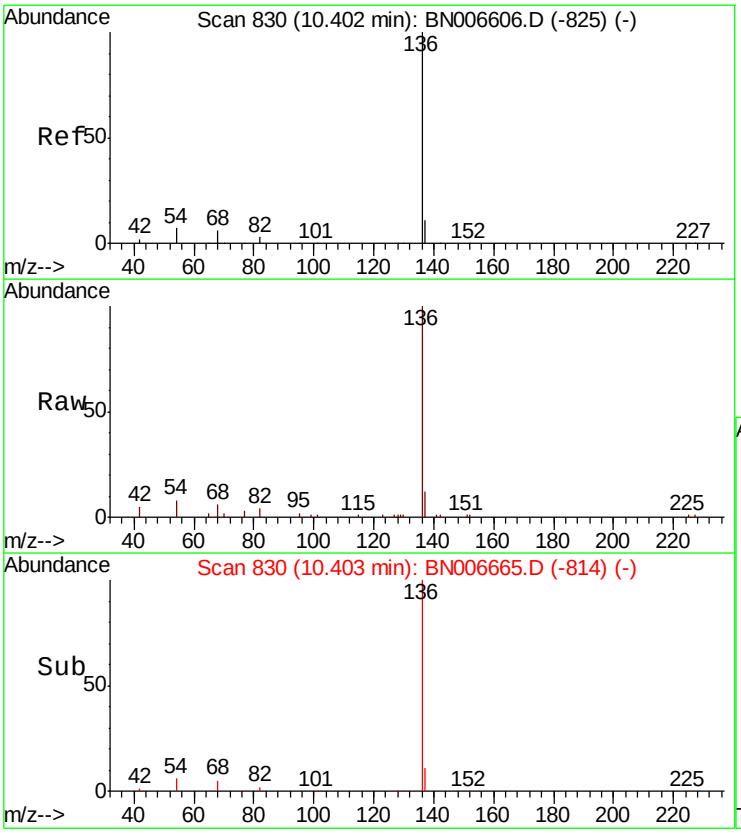
#5
Phenol-d6
Concen: 0.267 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion: 99 Resp: 3858

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.4	24.6
71	28.6	26.6	40.0

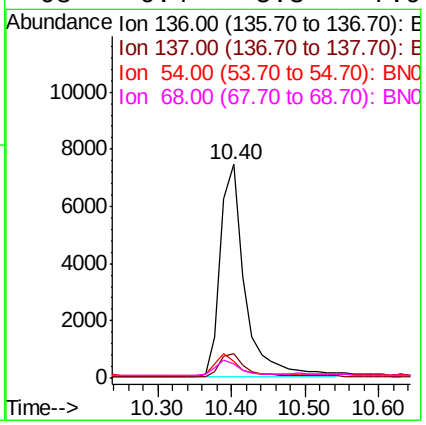


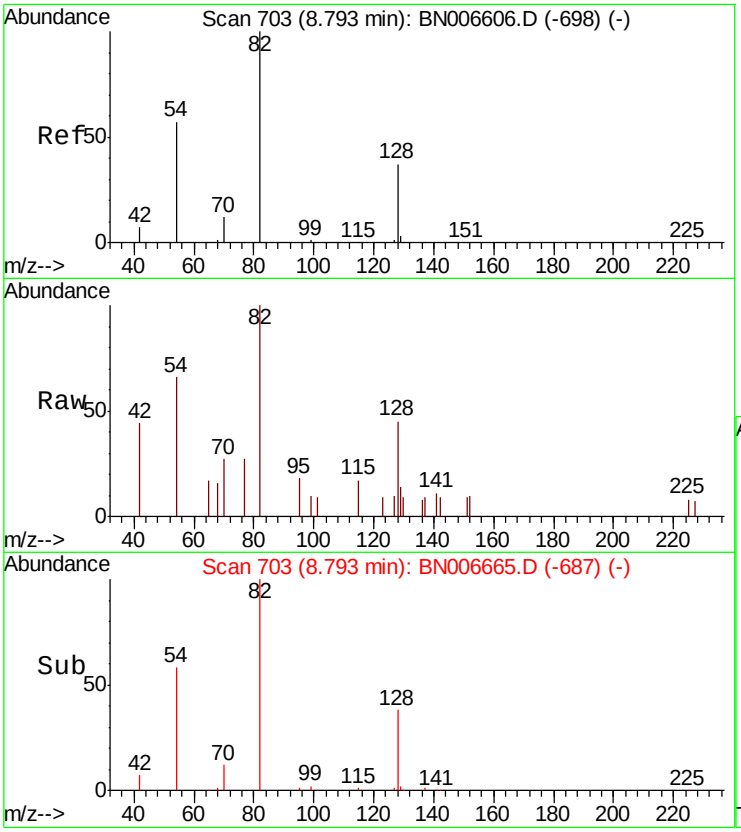


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:136 Resp: 17244

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.9	6.7	10.1
68	6.4	5.3	7.9



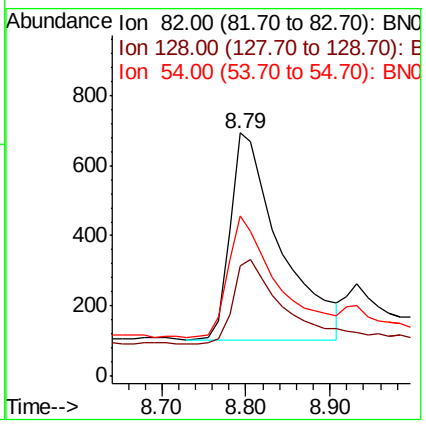


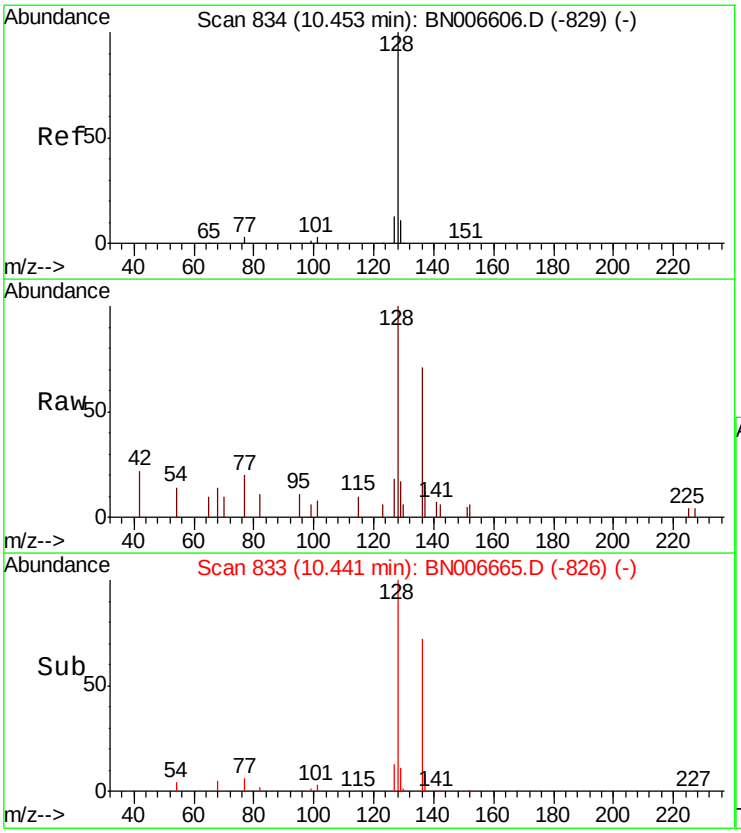
#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion: 82 Resp: 2461

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	49.0
54	65.7	48.2	72.4

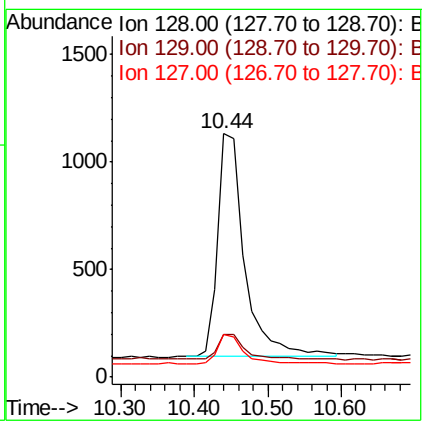


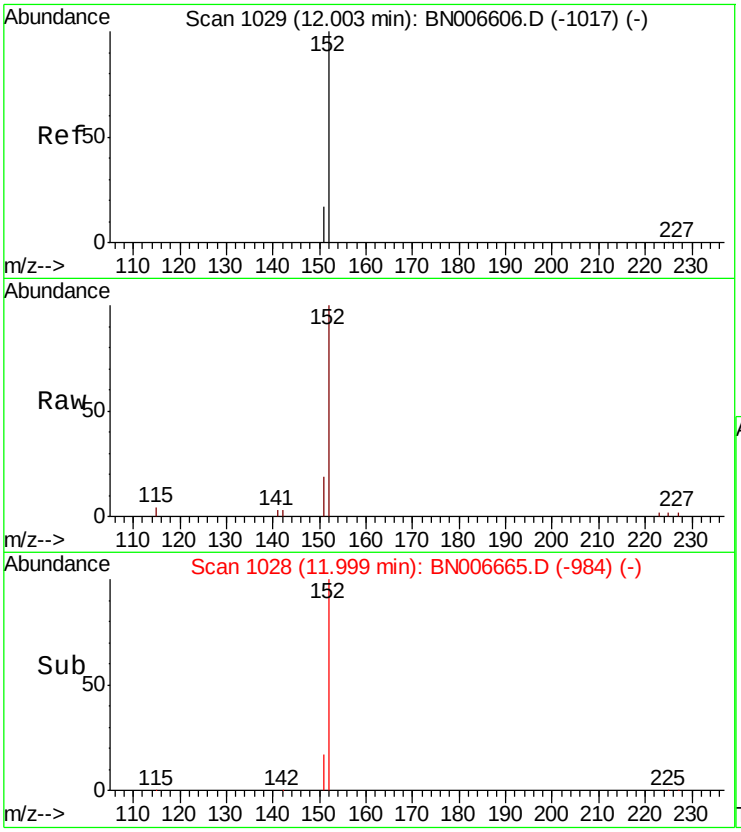


#9
Naphthalene
Concen: 0.058 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:128 Resp: 2627

Ion	Ratio	Lower	Upper
128	100		
129	17.3	9.3	13.9#
127	17.6	10.8	16.2#



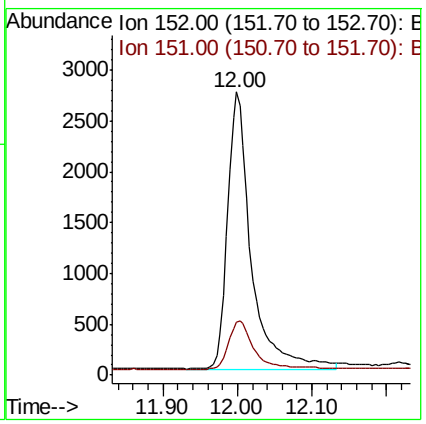


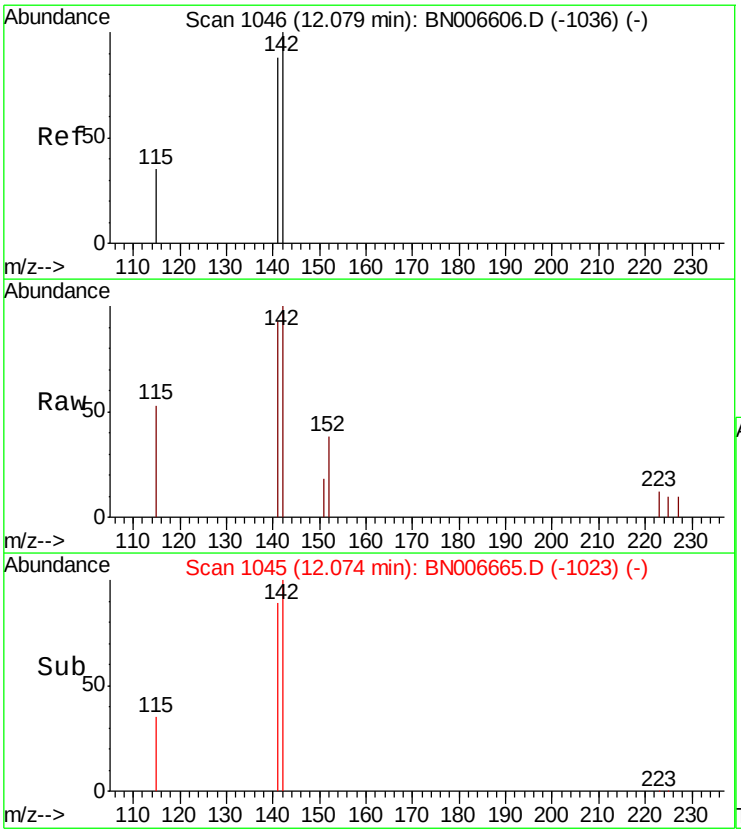
#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:152 Resp: 6027

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.4

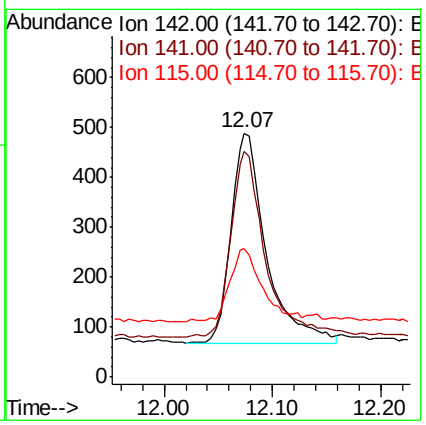


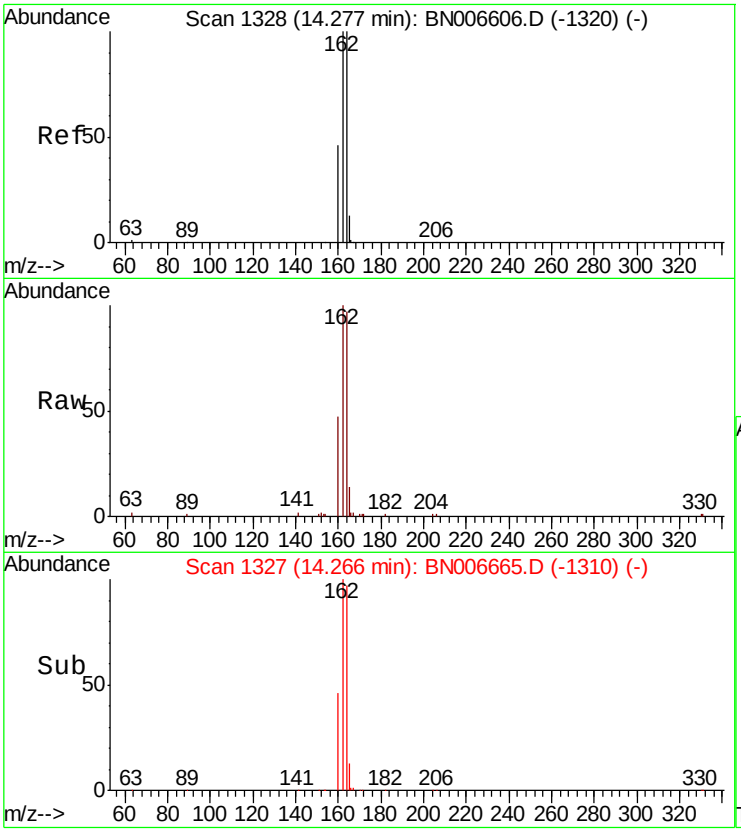


#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:142 Resp: 947

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.2	105.4
115	52.9	28.5	42.7#



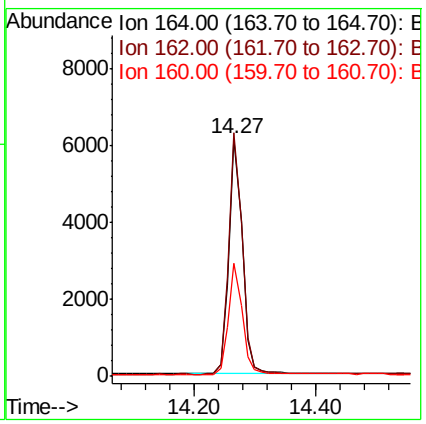


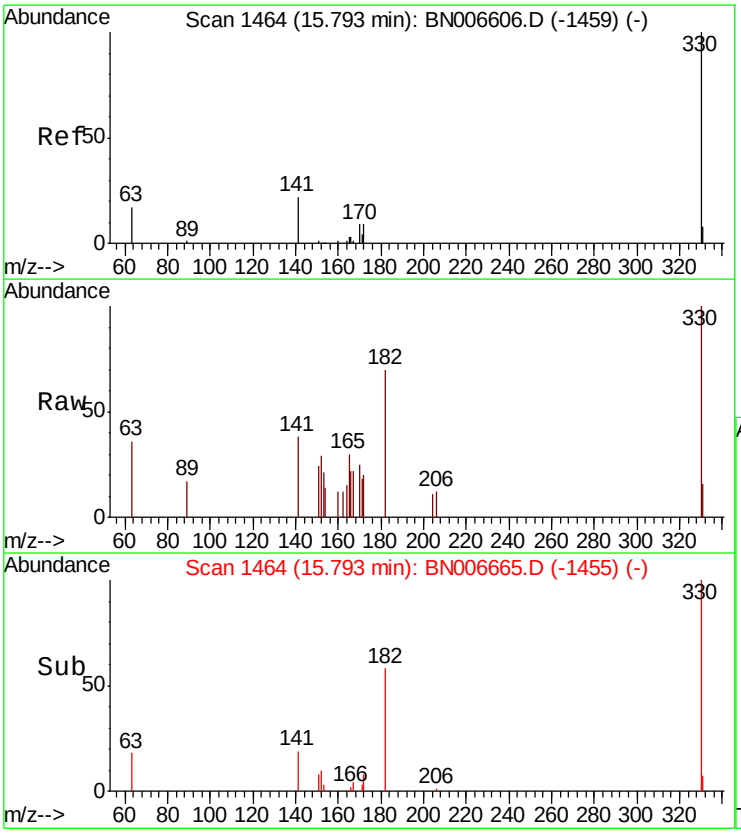
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:164 Resp: 9418

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.0	120.0
160	47.8	37.0	55.4

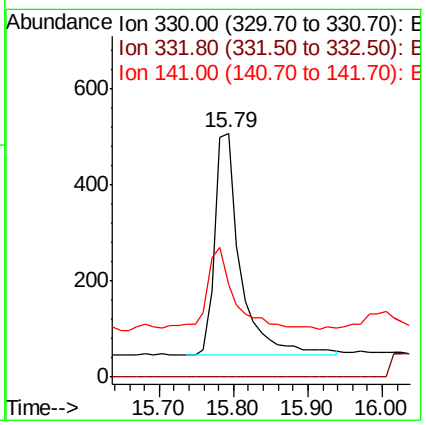


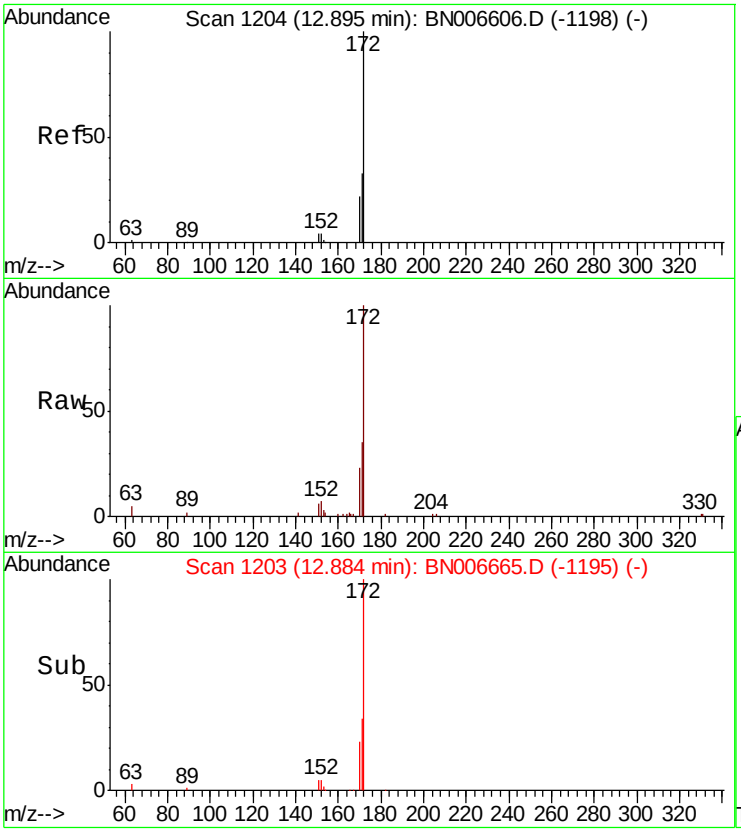


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:330 Resp: 1090

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.7	26.5	39.7#



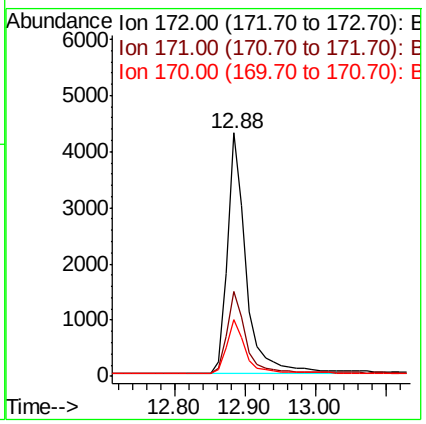


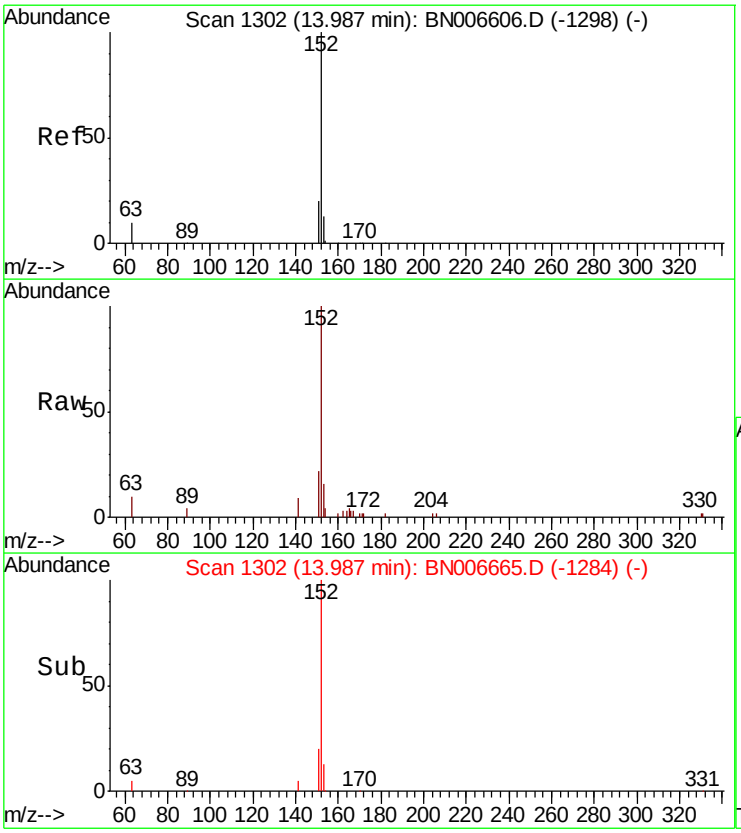
#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:172 Resp: 8050

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.0	40.4
170	23.5	17.7	26.5

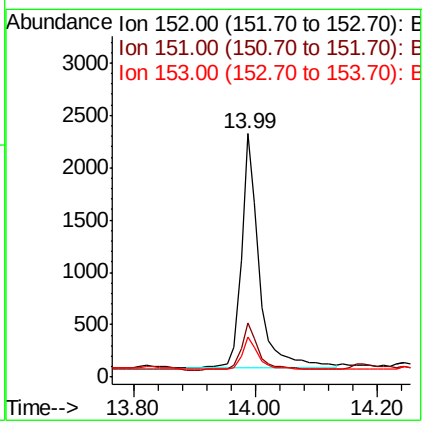


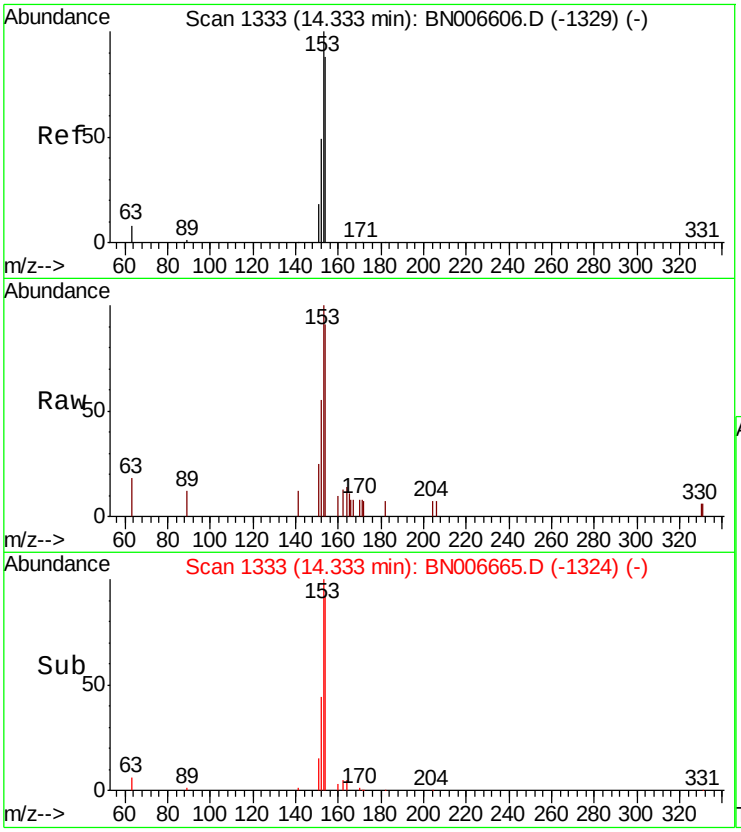


#16
Acenaphthylene
Concen: 0.099 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:152 Resp: 4450

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4
153	12.9	10.5	15.7



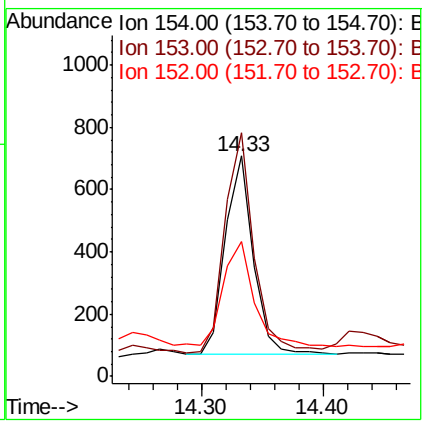


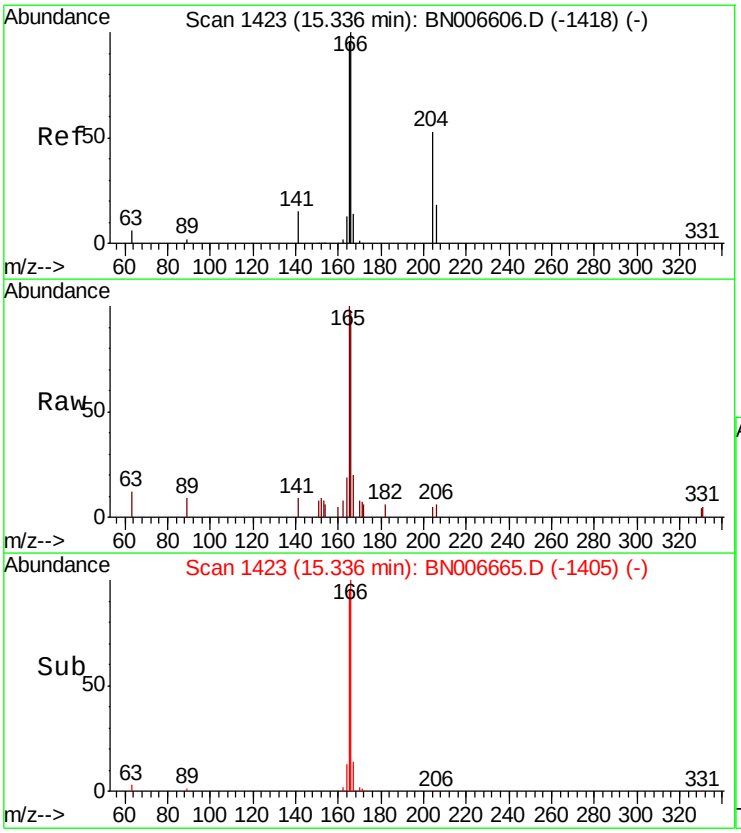
#17
Acenaphthene
Concen: 0.034 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:154 Resp: 1012

Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.2	135.4
152	60.8	44.2	66.4

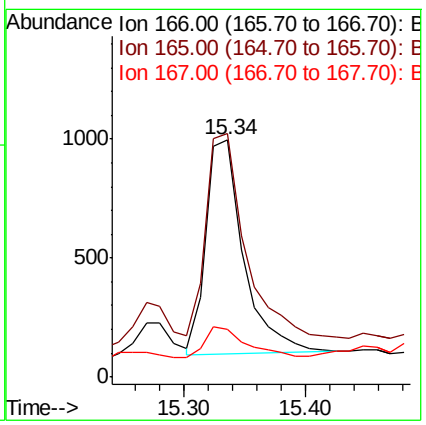


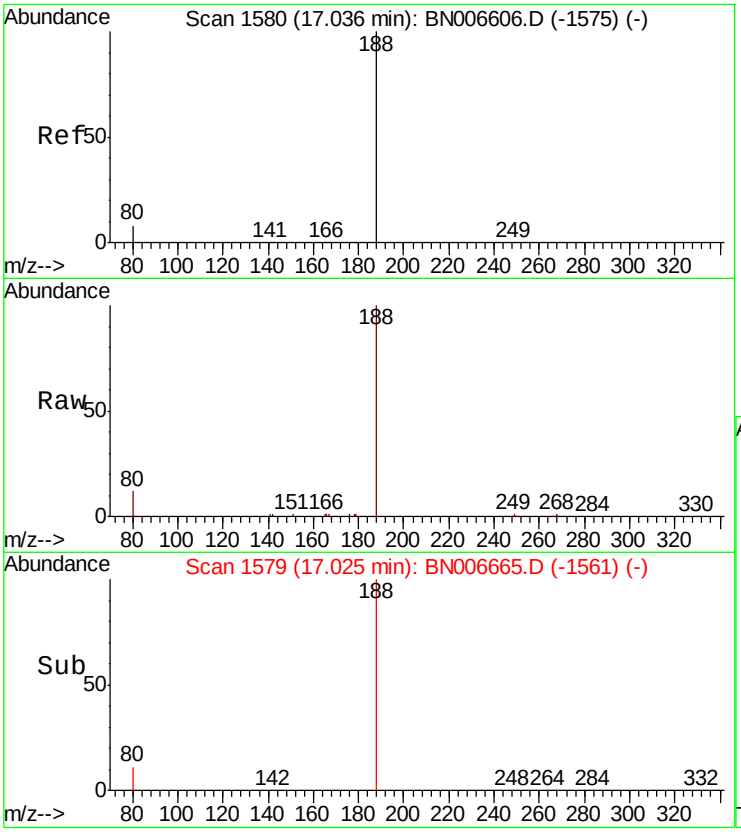


#18
Fluorene
Concen: 0.052 ng
RT: 15.34 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:166 Resp: 1935

Ion	Ratio	Lower	Upper
166	100		
165	105.7	78.4	117.6
167	16.6	10.8	16.2#



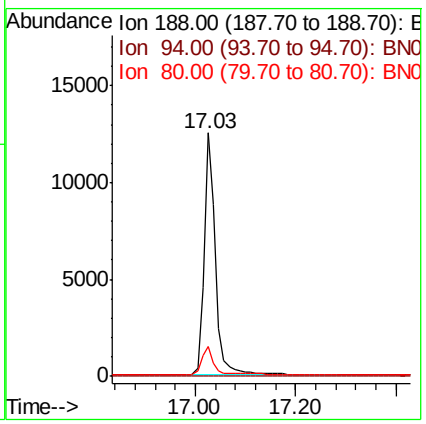


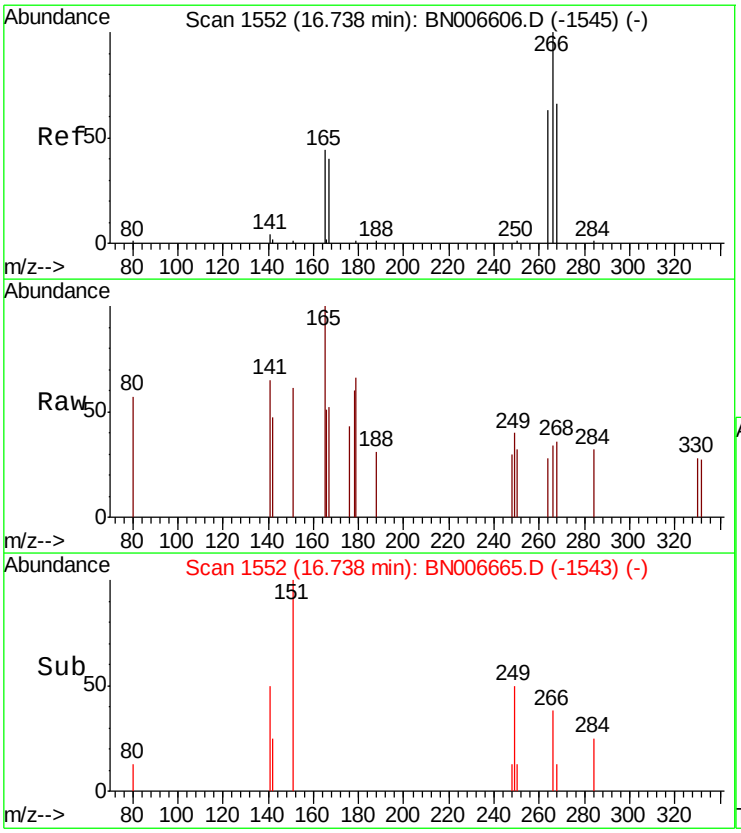
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:188 Resp: 20209

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	7.1	10.7#

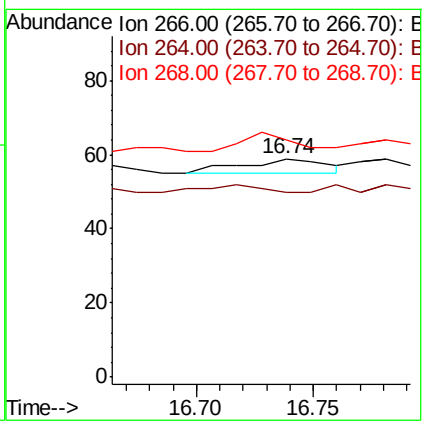


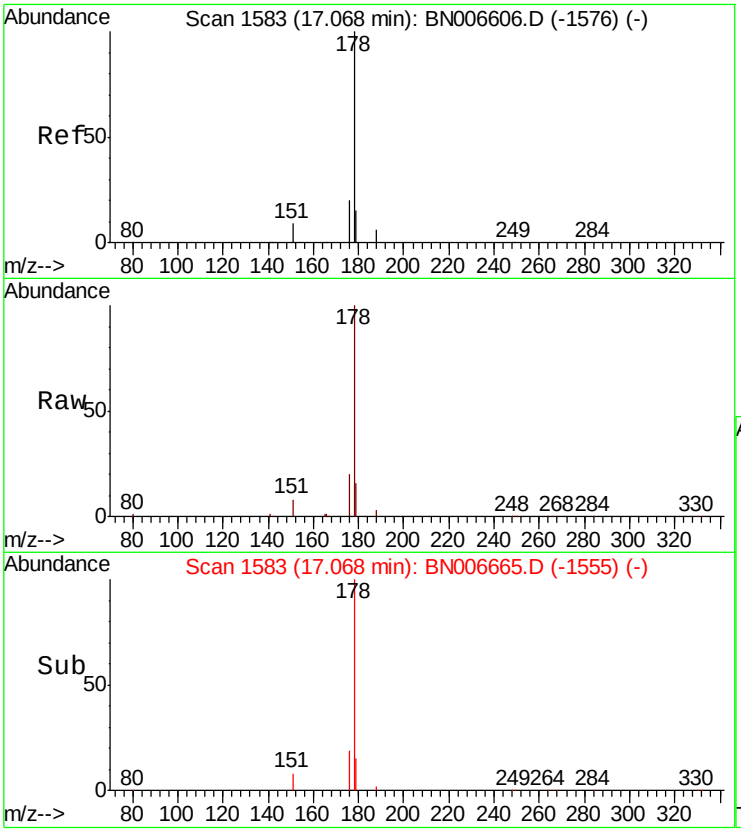


#22
Pentachlorophenol
Concen: 0.195 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	84.7	56.2	84.4#
268	108.5	63.0	94.4#



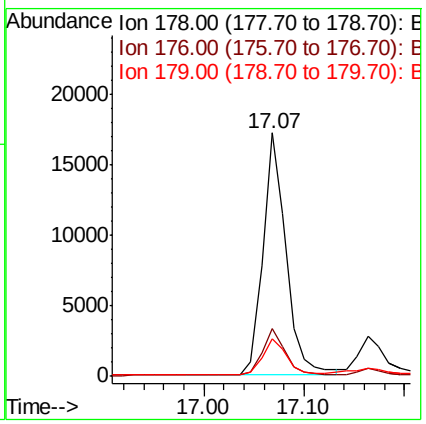


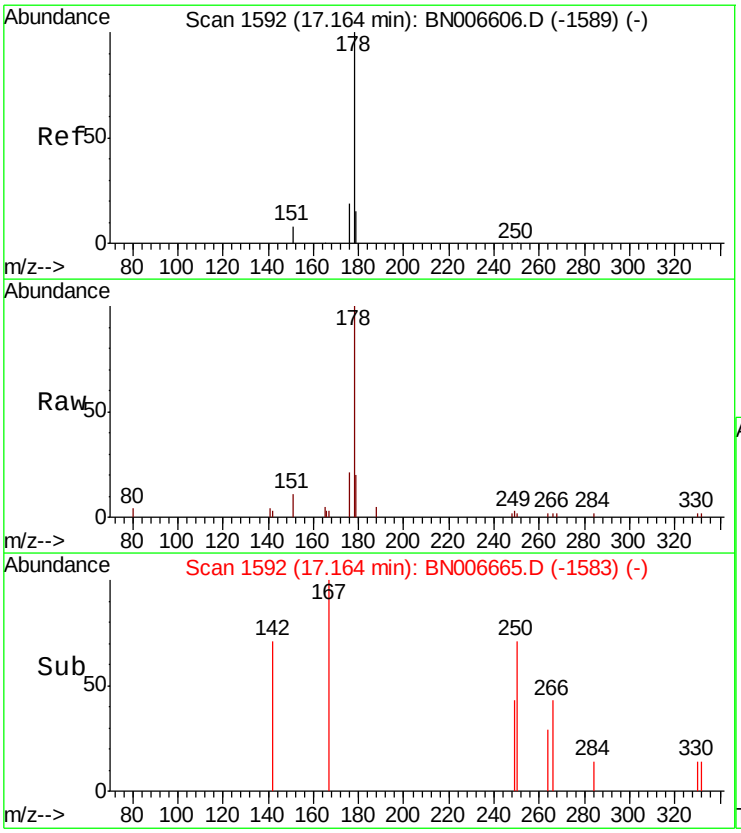
#23
Phenanthrene
Concen: 0.478 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:178 Resp: 27478

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.2	18.4

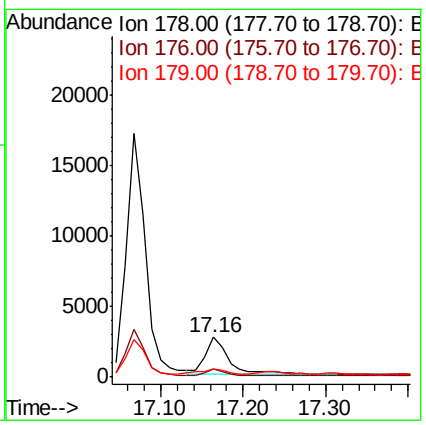


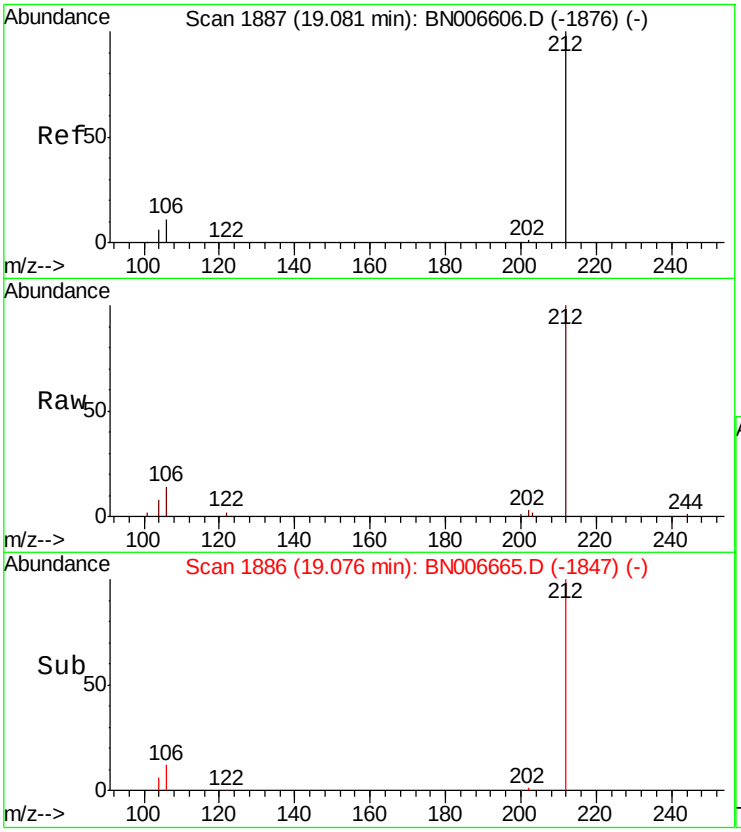


#24
Anthracene
Concen: 0.098 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:178 Resp: 4878

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.2	18.2



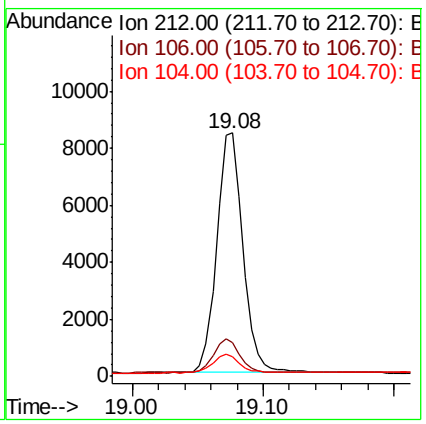


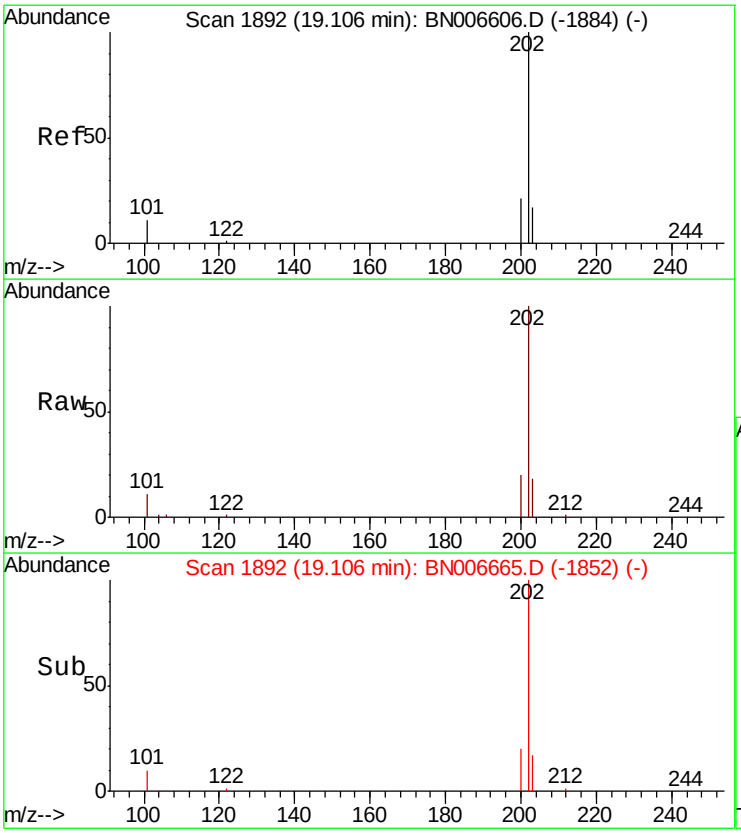
#25
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:212 Resp: 11763

Ion	Ratio	Lower	Upper
212	100		
106	14.0	10.6	15.8
104	7.8	5.8	8.6

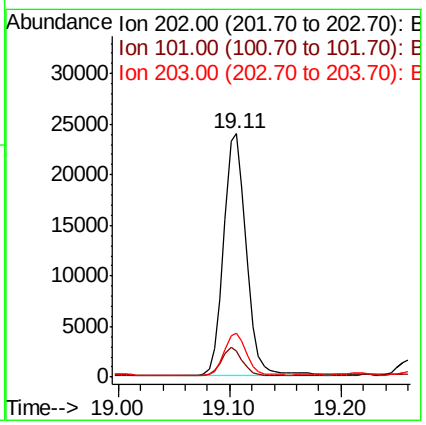


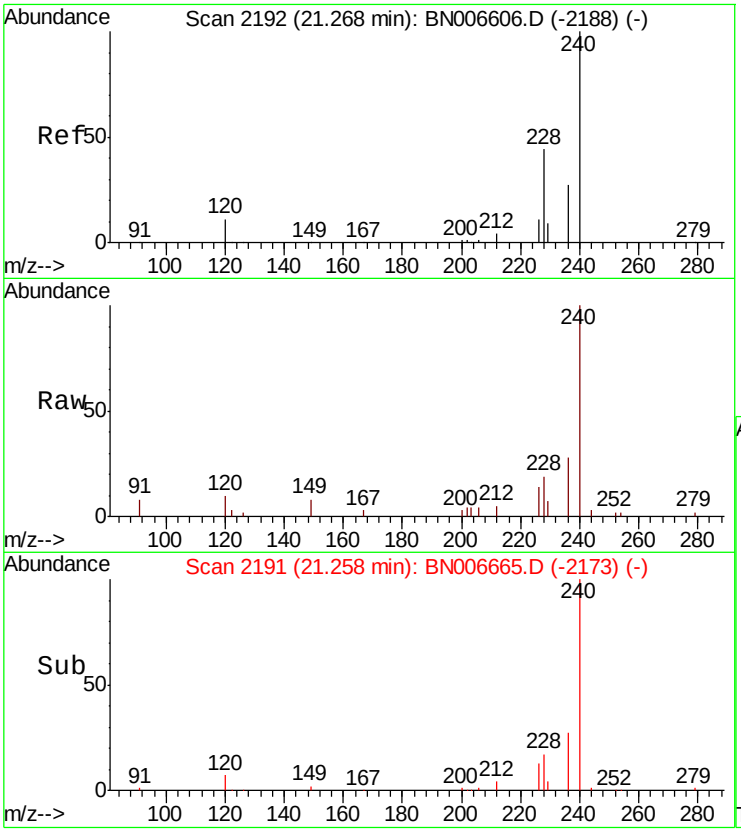


#26
Fluoranthene
Concen: 0.488 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:202 Resp: 34077

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
203	17.2	13.6	20.4



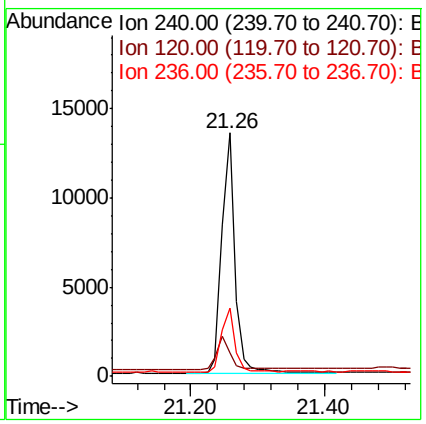


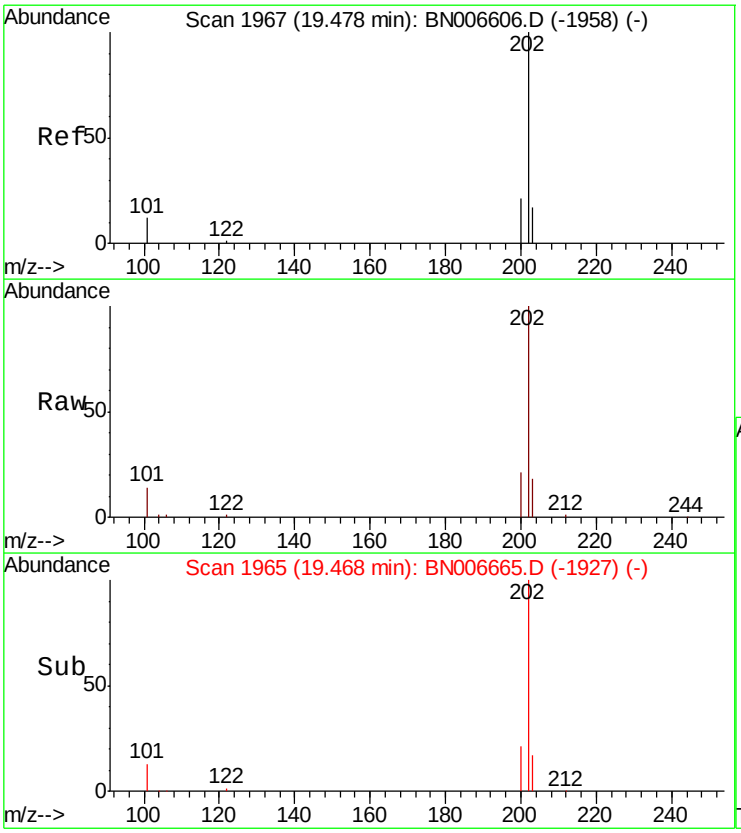
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:240 Resp: 18381

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.9	14.9#
236	28.1	22.2	33.4

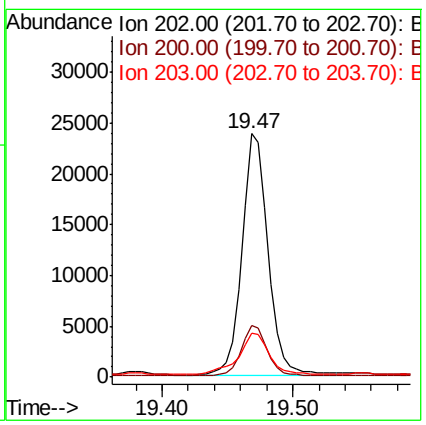


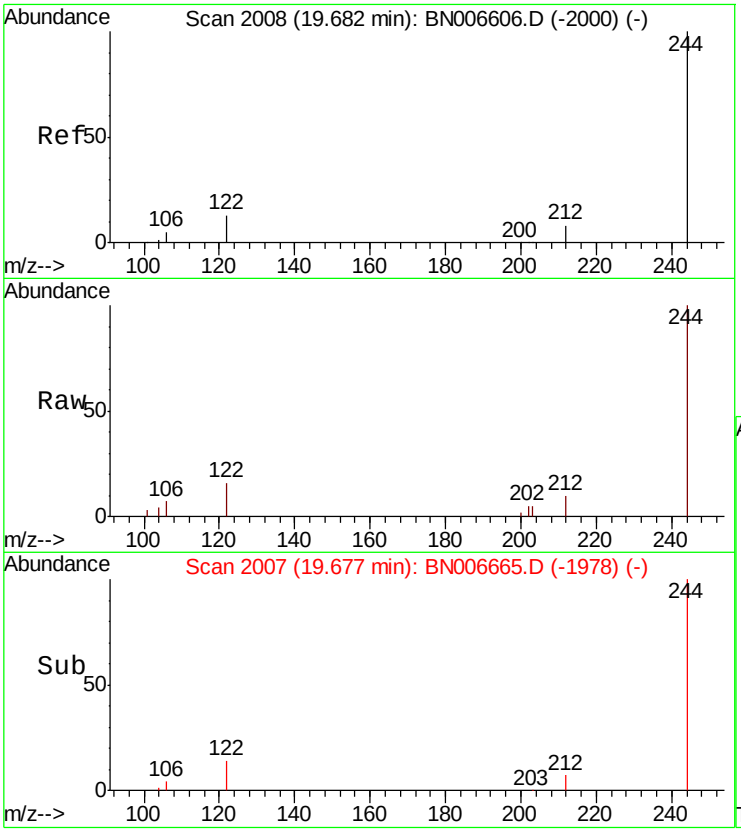


#28
Pyrene
Concen: 0.514 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:202 Resp: 33083

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	20.4	14.1	21.1



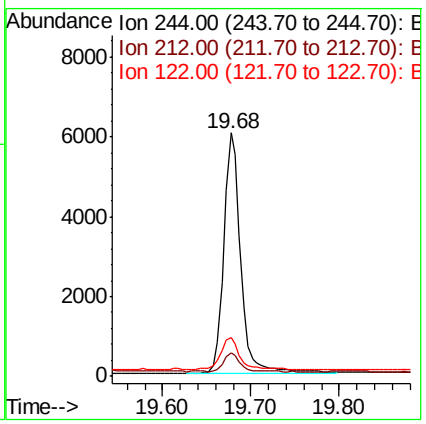


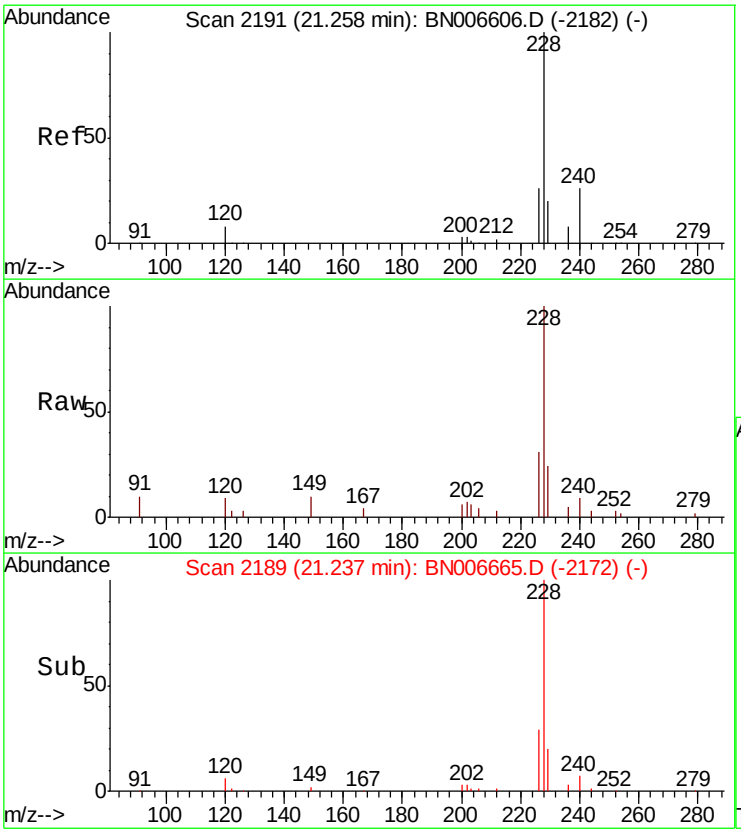
#29
Terphenyl-d14
Concen: 0.209 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:244 Resp: 8031

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	16.1	11.0	16.6

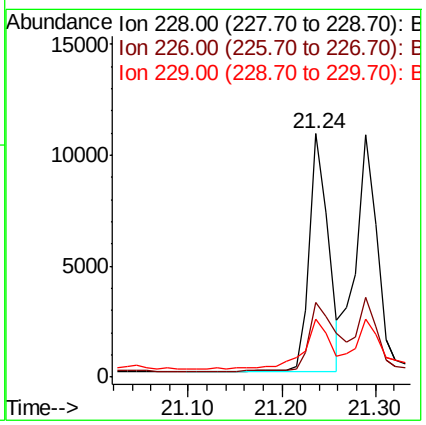


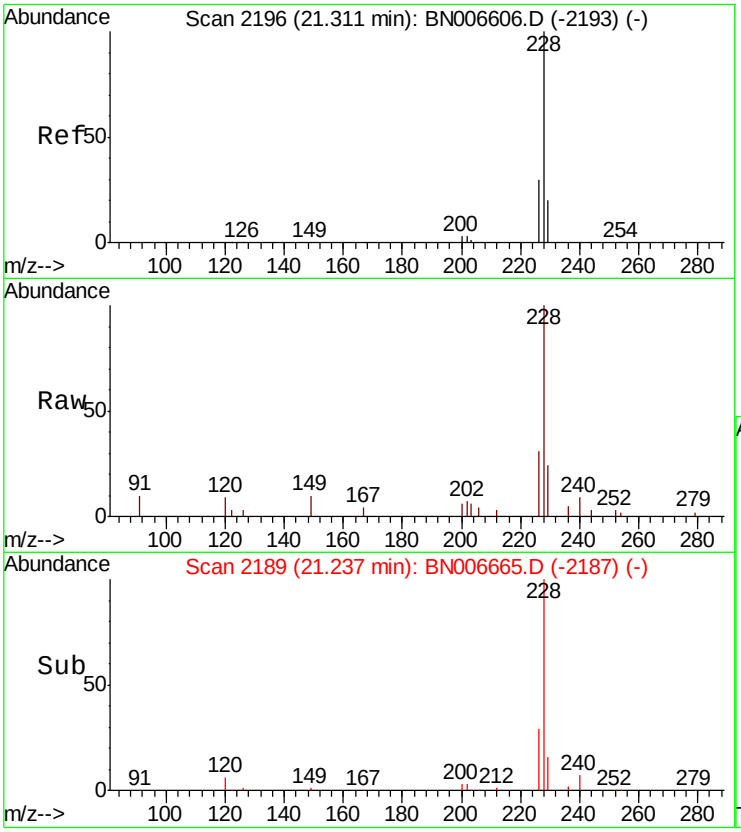


#30
Benzo(a)anthracene
Concen: 0.253 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:228 Resp: 15200

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.2	31.8
229	23.8	16.1	24.1



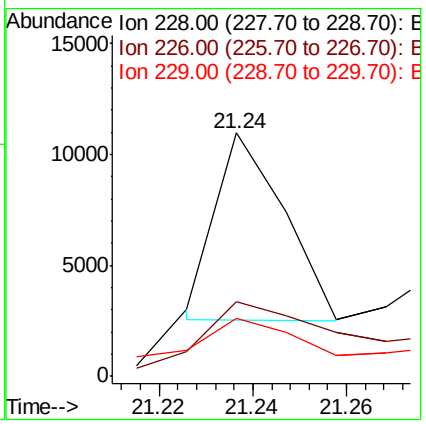


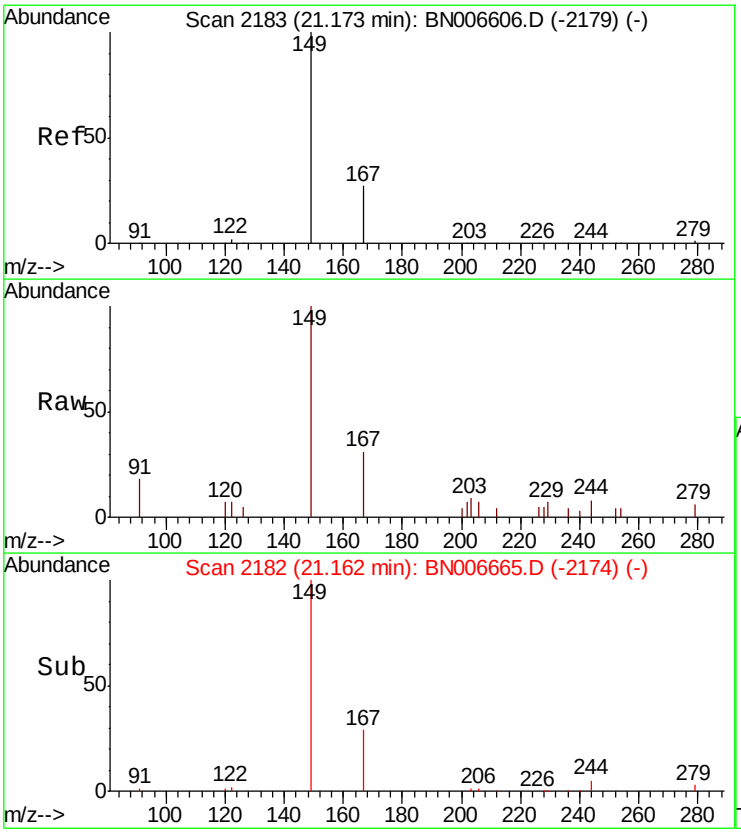
#31
Chrysene
Concen: 0.132 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.07 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:228 Resp: 8522

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	23.8	15.9	23.9

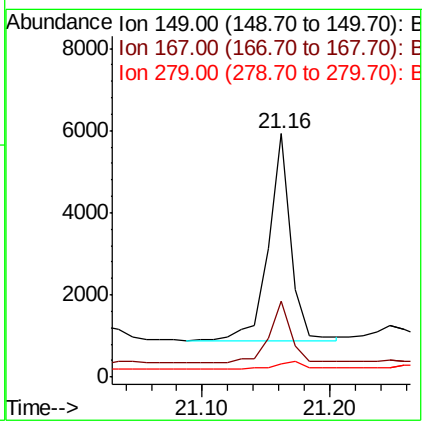


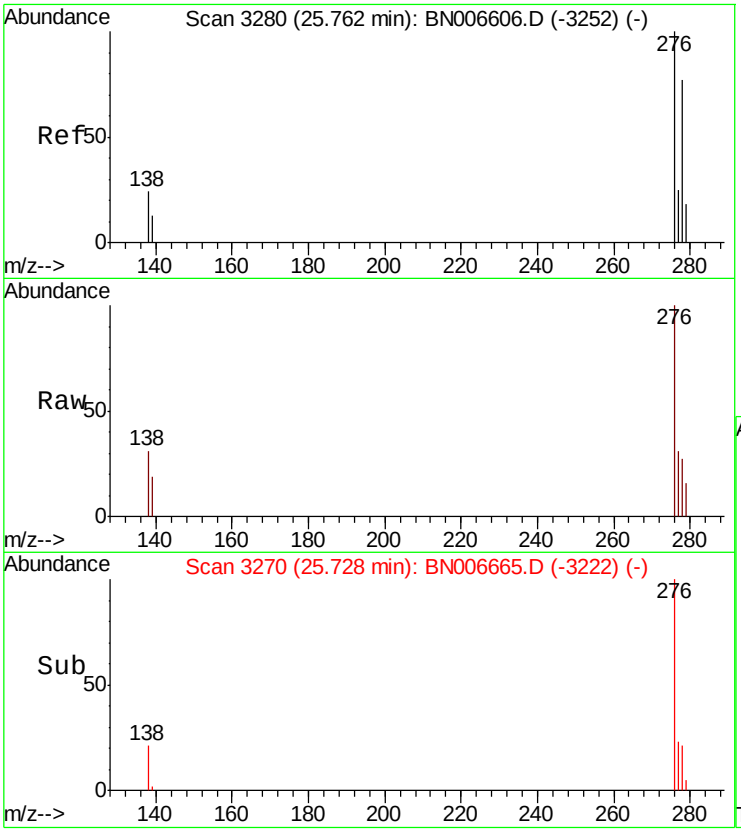


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.201 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:149 Resp: 6079

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	4.7	3.3	4.9



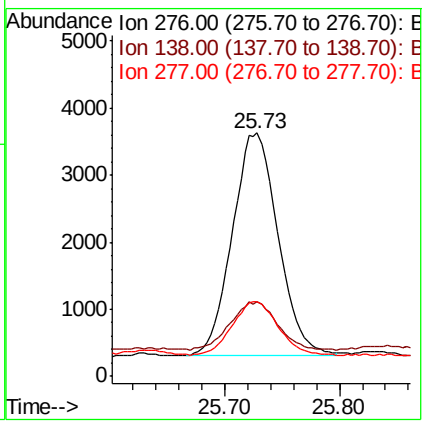


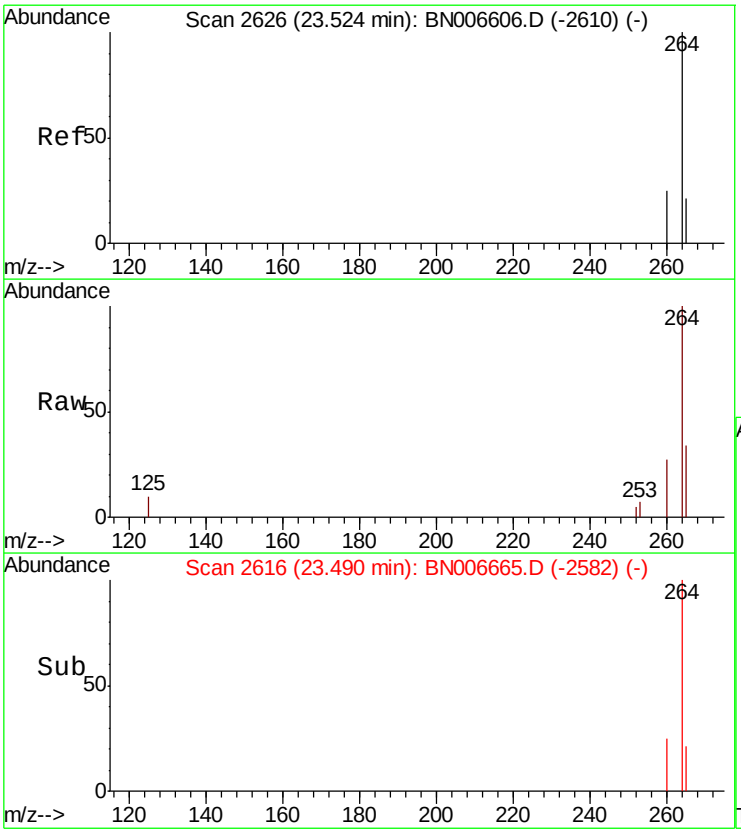
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.03 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:276 Resp: 9213

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.3	28.9
277	24.0	19.9	29.9

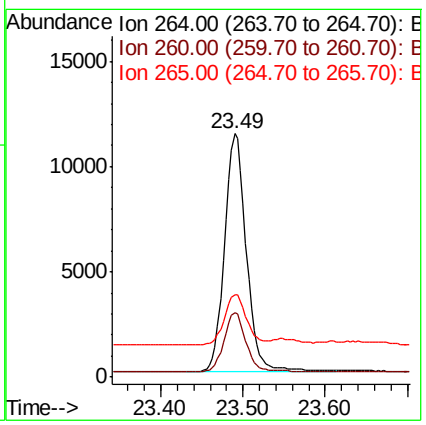


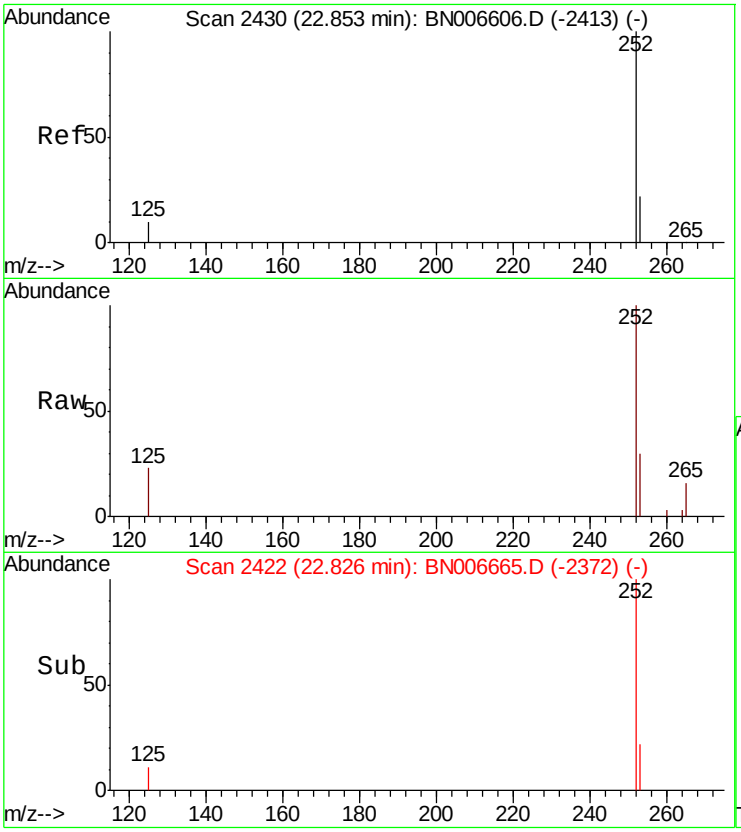


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2616
Delta R.T. -0.03 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:264 Resp: 20863

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.2
265	33.7	23.3	34.9



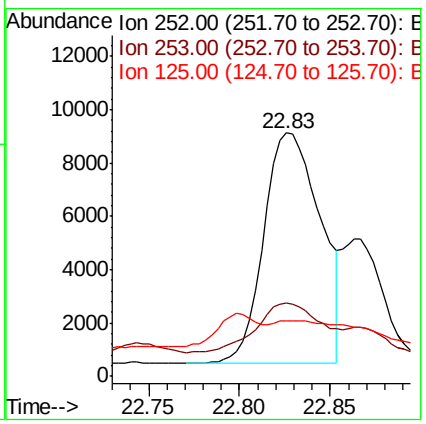


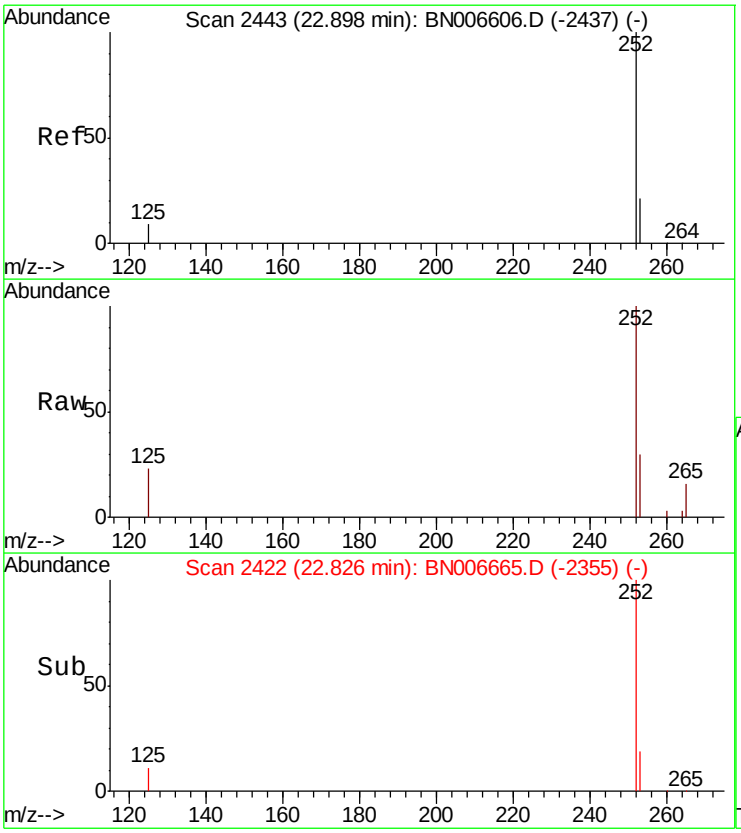
#35
Benzo(b)fluoranthene
Concen: 0.264 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.03 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:252 Resp: 18714

Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.4	27.6#
125	22.6	8.7	13.1#

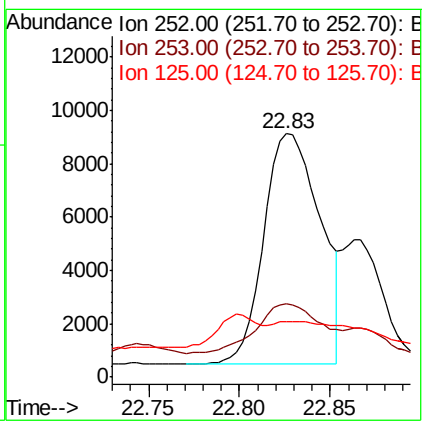


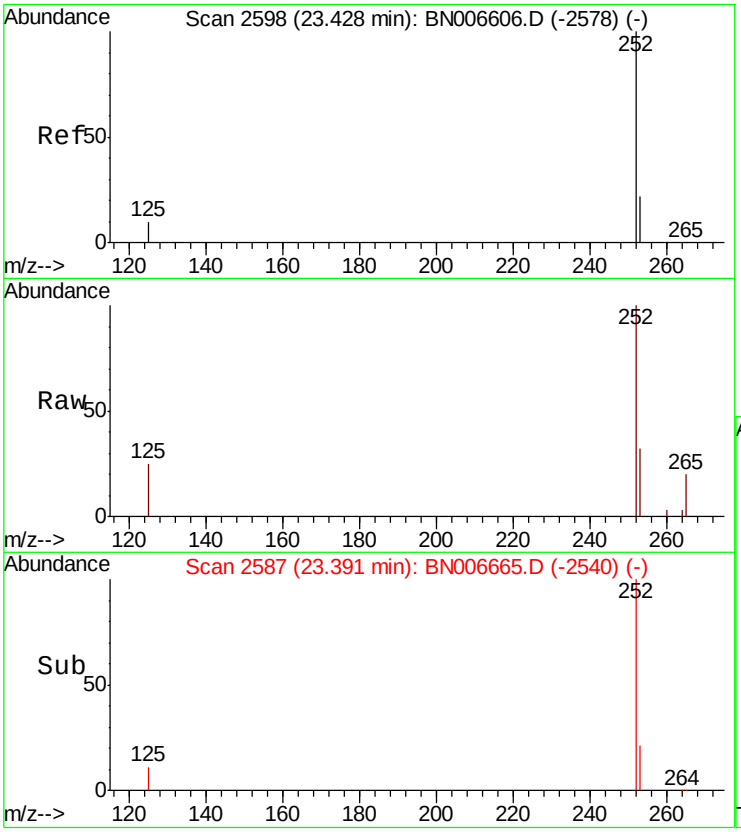


#36
Benzo(k)fluoranthene
Concen: 0.247 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.07 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:252 Resp: 18714

Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.3	27.5#
125	22.6	8.4	12.6#



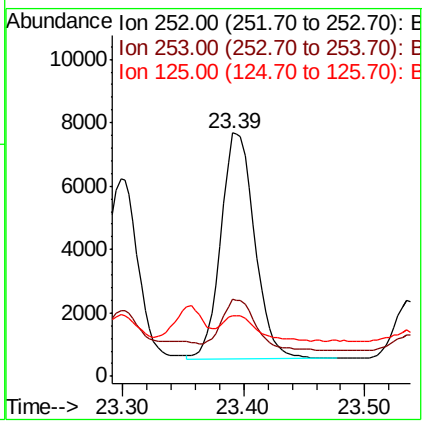


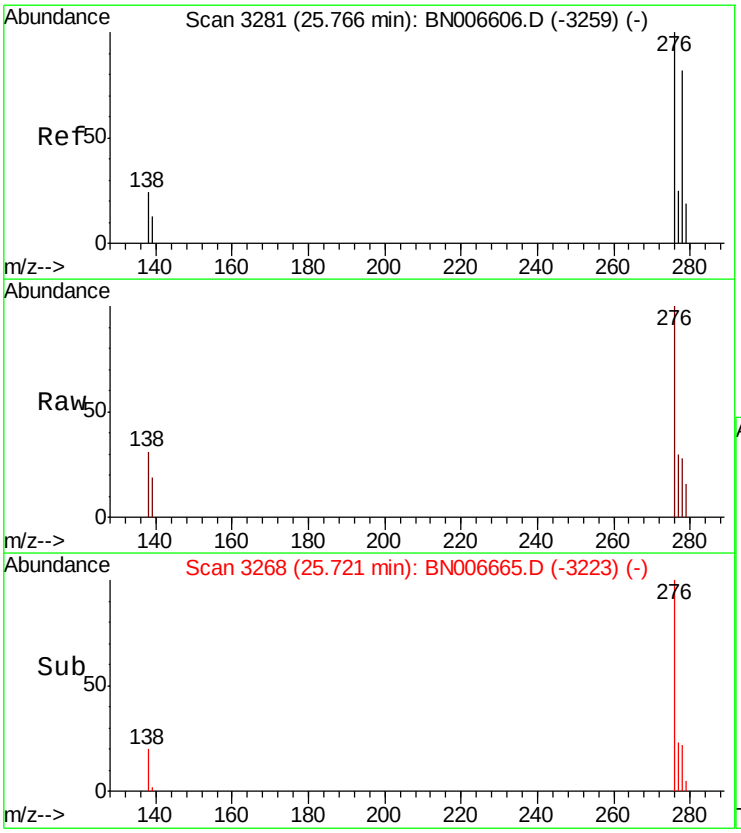
#37
Benzo(a)pyrene
Concen: 0.210 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.04 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:252 Resp: 13909

Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.8	28.2#
125	25.0	9.4	14.2#

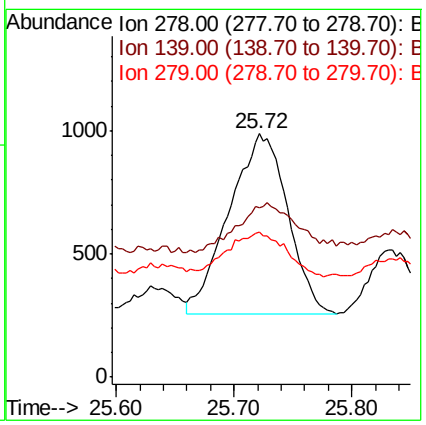


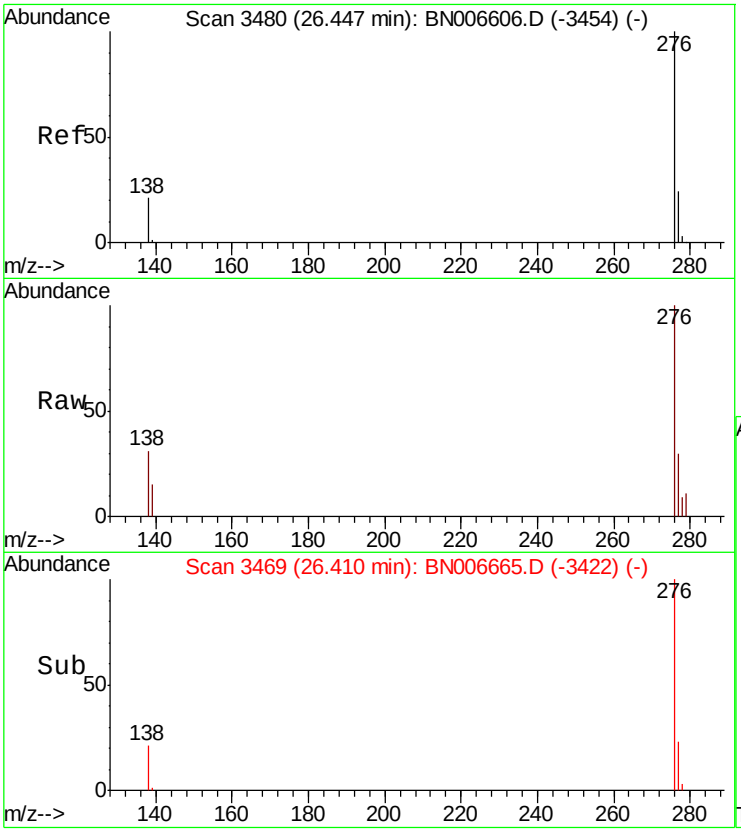


#38
Dibenzo(a,h)anthracene
Concen: 0.044 ng
RT: 25.72 min Scan# 3268
Delta R.T. -0.04 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Tgt Ion:278 Resp: 2544

Ion	Ratio	Lower	Upper
278	100		
139	69.5	13.5	20.3#
279	59.4	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.167 ng
RT: 26.41 min Scan# 3469
Delta R.T. -0.04 min
Lab File: BN006665.D
Acq: 01 Jul 2019 17:38

Instrument :
BNA_N
ClientSampleId :
PST-001-B017-062019

Tgt Ion:276 Resp: 9681

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.6	29.4#
138	30.6	17.7	26.5#