Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006647.D
Acq On : 29 Jun 2019 11:24
Operator : HP/JU
Sample : K3446-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jul 01 08:16:09 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	5763	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	24417	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	14255	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	30189	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	23593	0.40	ng		-0.02
34) Perylene-d12	23.48	264	22459	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4998	0.35	ng		0.00
5) Phenol-d6	6.81	99	7223	0.39	ng		-0.02
8) Nitrobenzene-d5	8.78	82	5823	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	11.99	152	13667	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2255	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	16569	0.31	ng		-0.01
25) Fluoranthene-d10	19.07	212	29275	0.33	ng		-0.01
29) Terphenyl-d14	19.68	244	16997	0.34	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	52701	0.822	ng		100
12) 2-Methylnaphthalene	12.07	142	36515	0.823	ng		99
16) Acenaphthylene	13.99	152	112289	1.652	ng		99
17) Acenaphthene	14.33	154	116214	2.595	ng		99
18) Fluorene	15.32	166	190592	3.374	ng		98
22) Pentachlorophenol	16.71	266	65	0.205	ng		87
23) Phenanthrene	17.07	178	2305524	26.858	ng		99
24) Anthracene	17.16	178	565345	7.590	ng	#	94
26) Fluoranthene	19.11	202	2613493	25.052	ng		98
28) Pyrene	19.47	202	2195764	26.598	ng	#	94
30) Benzo(a)anthracene	21.24	228	1055231	13.680	ng		98
31) Chrysene	21.29	228	857597	10.313	ng		97
32) Bis(2-ethylhexyl)phthalate	21.16	149	160579	4.136	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	417775	4.964	ng		97
35) Benzo(b)fluoranthene	22.82	252	934957	12.238	ng		100
36) Benzo(k)fluoranthene	22.82	252	934957	11.481	ng		99
37) Benzo(a)pyrene	23.39	252	690649	9.670	ng		100
38) Dibenzo(a,h)anthracene	25.71	278	113122	1.813	ng	#	91
39) Benzo(g,h,i)perylene	26.40	276	379546	6.094	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006647.D
Acq On : 29 Jun 2019 11:24
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BNA_N
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PST-008-B036-061819

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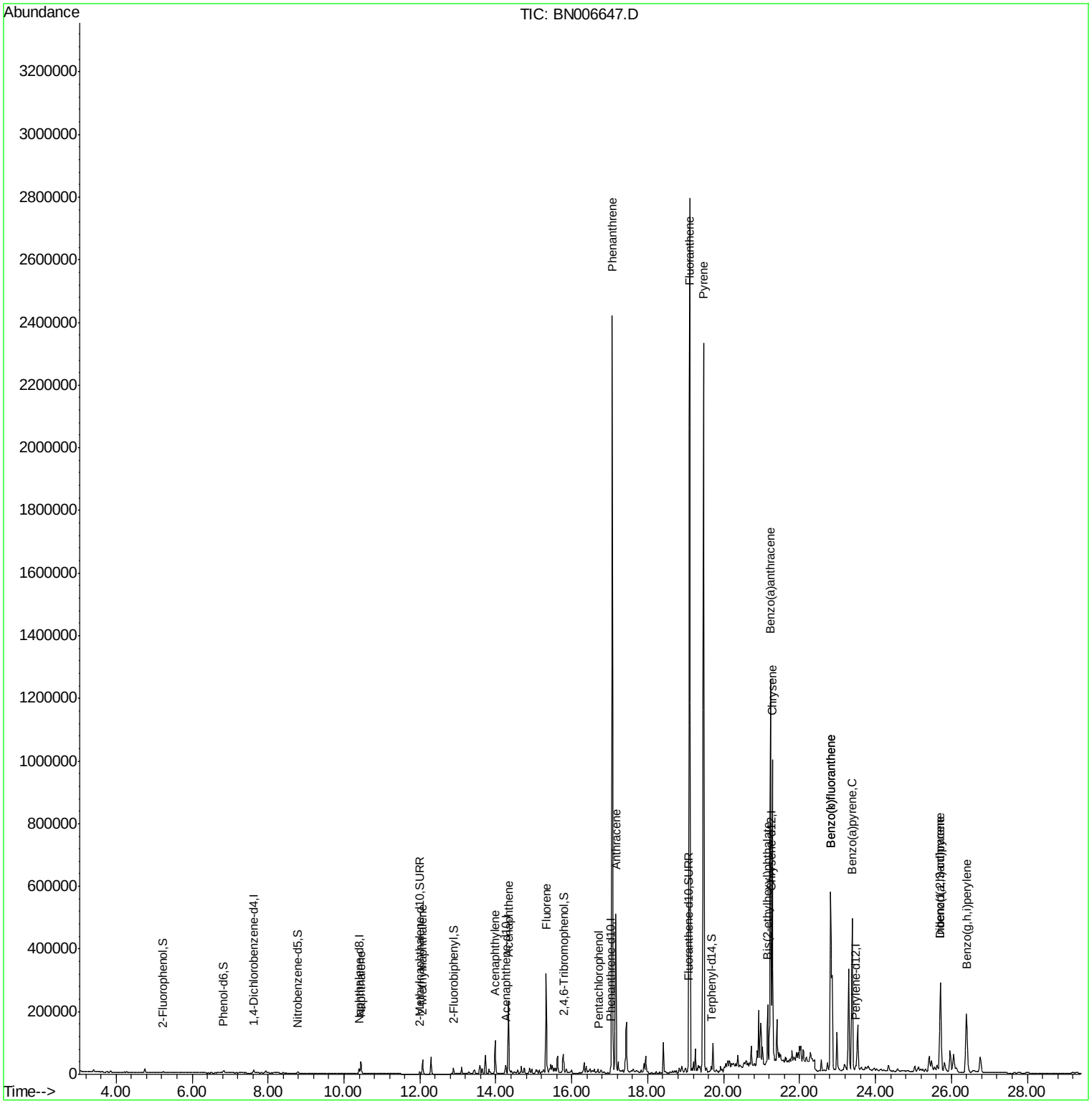
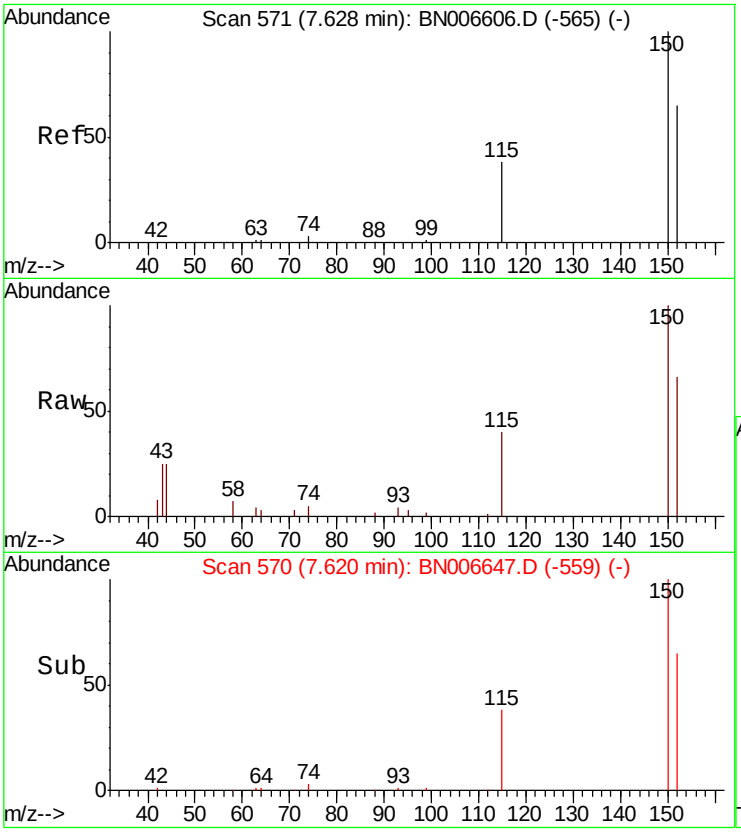
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



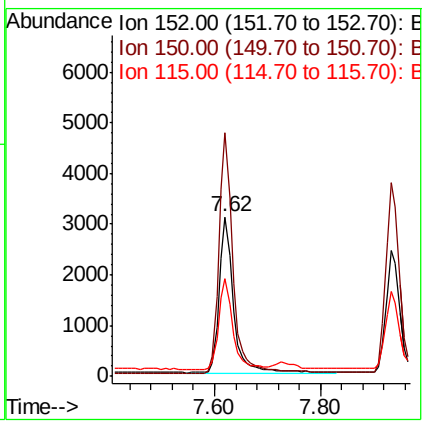


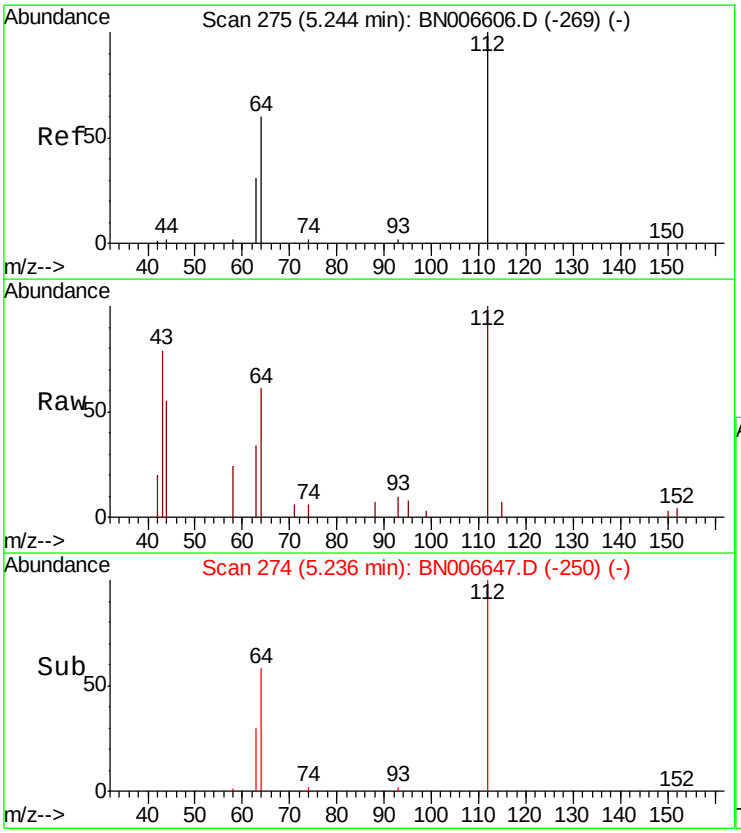
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:152 Resp: 5763

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.2	183.2
115	61.2	50.0	75.0

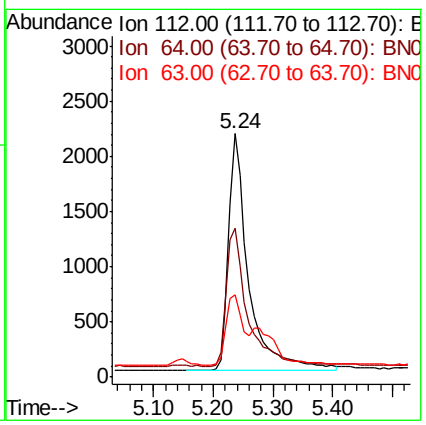


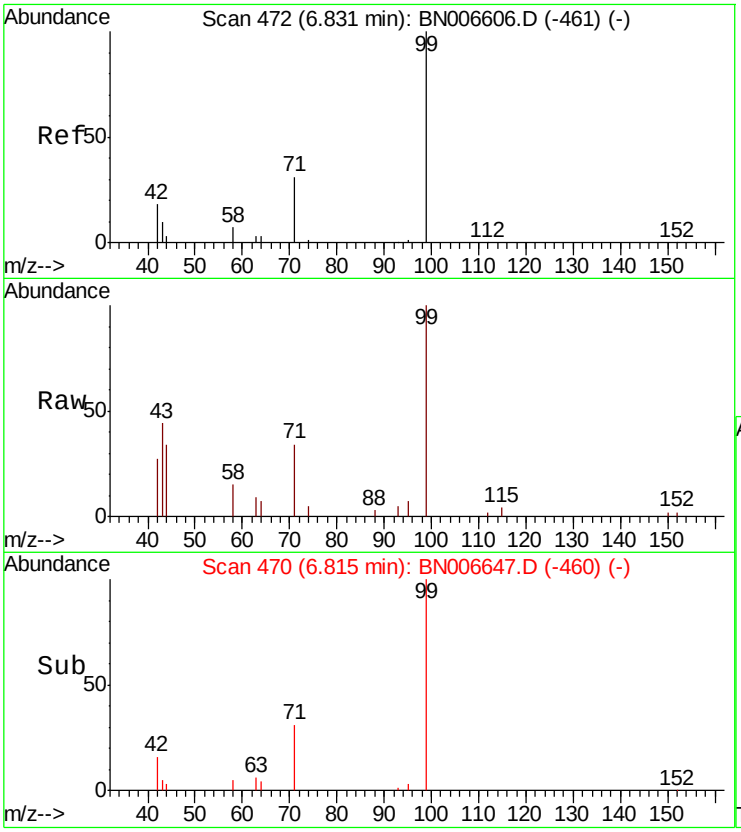


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:112 Resp: 4998

Ion	Ratio	Lower	Upper
112	100		
64	63.0	48.9	73.3
63	25.4	24.3	36.5



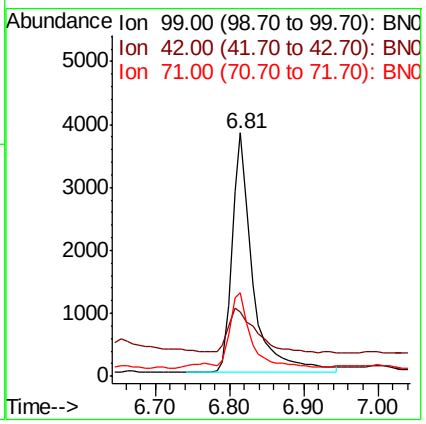


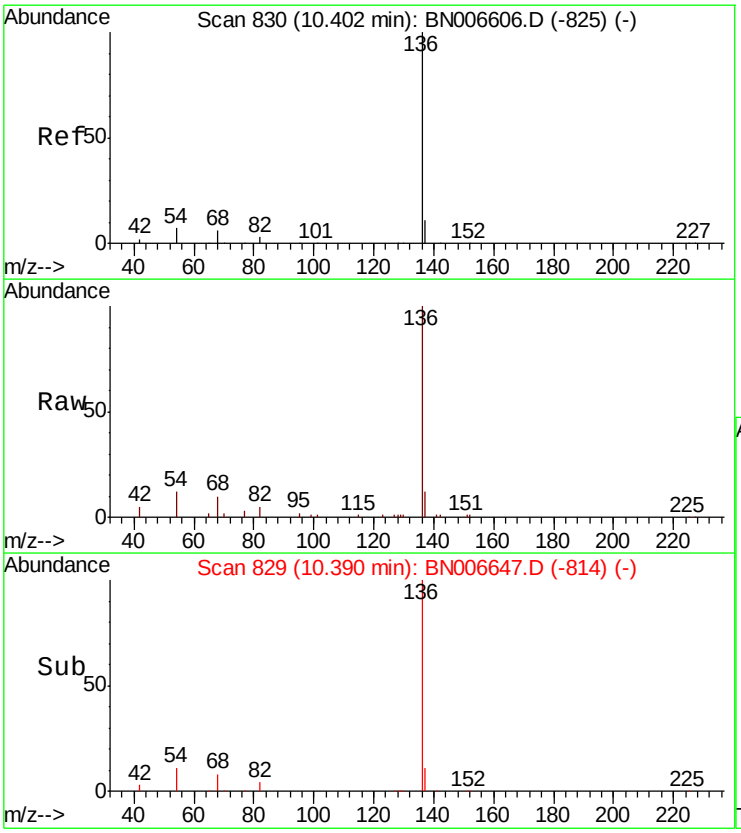
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion: 99 Resp: 7223

Ion	Ratio	Lower	Upper
99	100		
42	25.5	16.4	24.6#
71	31.7	26.6	40.0

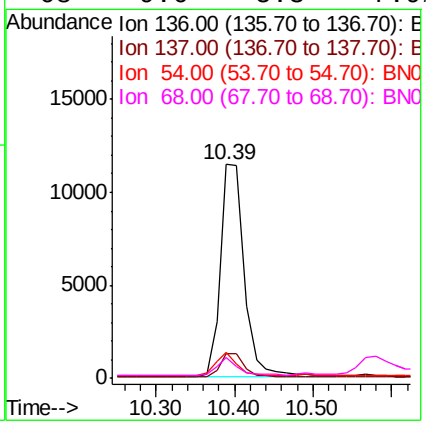


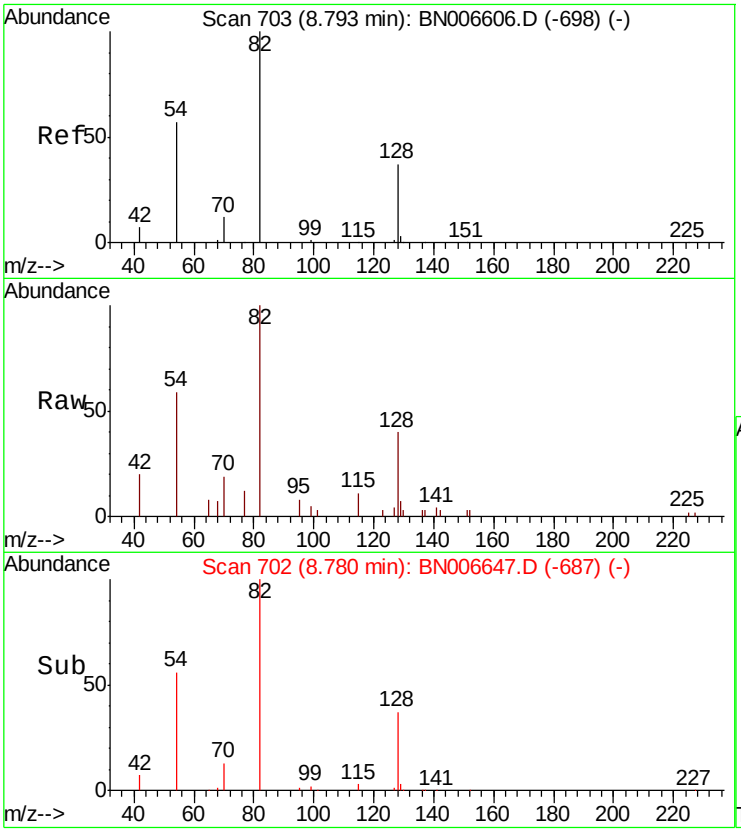


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:136 Resp: 24417

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	12.1	6.7	10.1#
68	9.6	5.3	7.9#



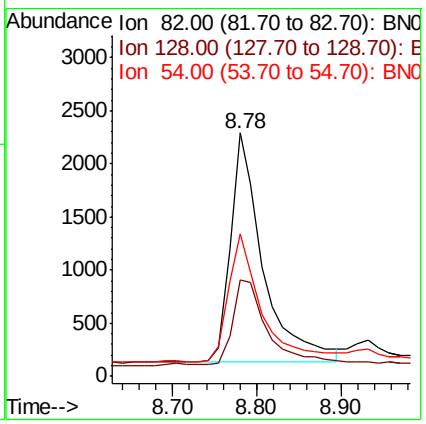


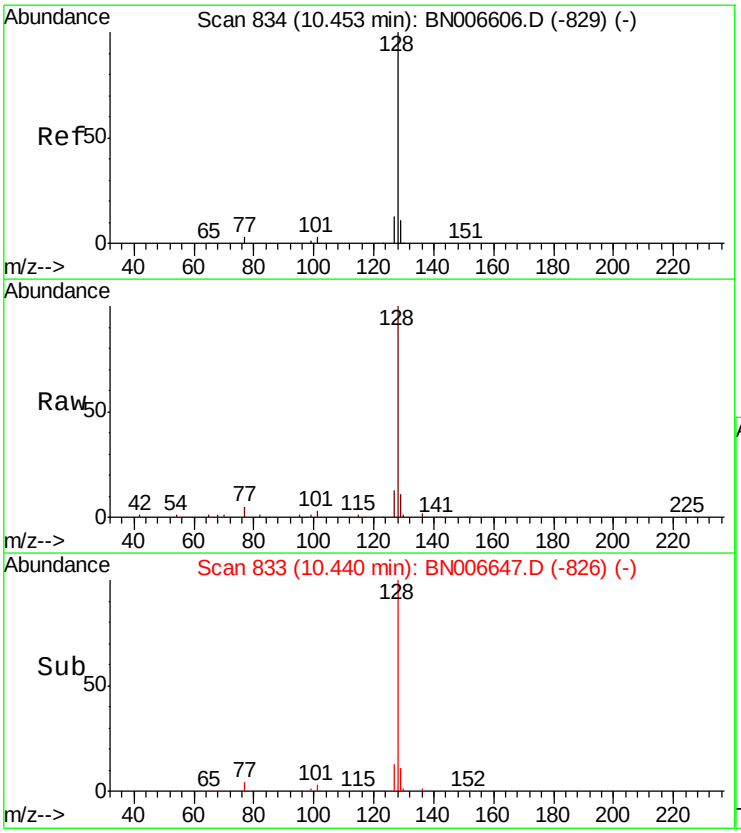
#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion: 82 Resp: 5823

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	58.8	48.2	72.4

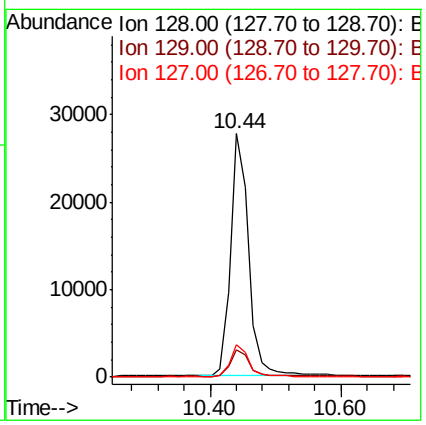


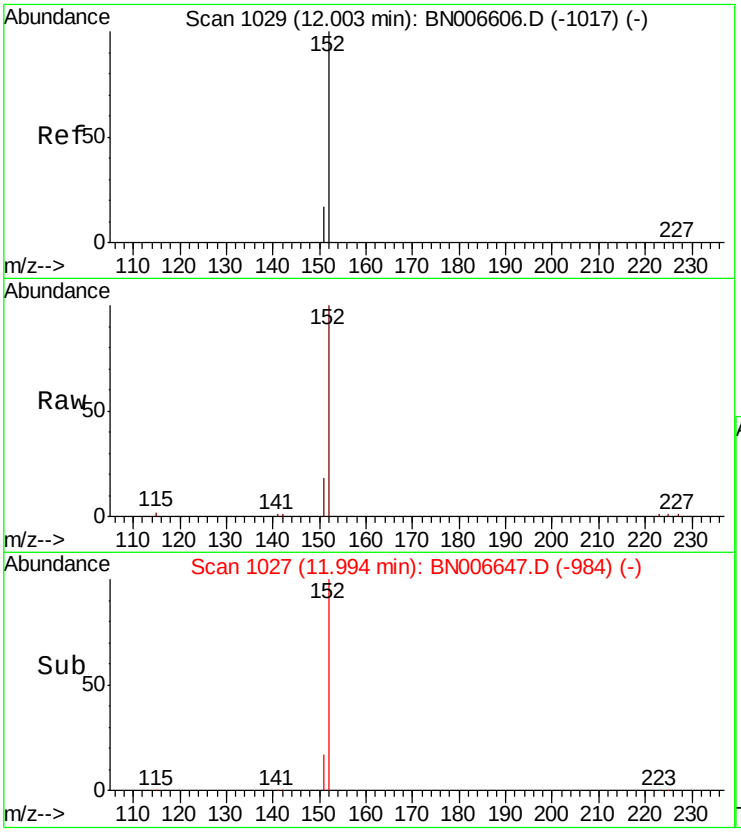


#9
Naphthalene
Concen: 0.822 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:128 Resp: 52701

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.4	10.8	16.2



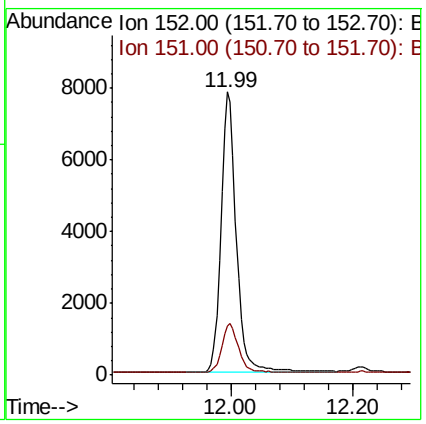


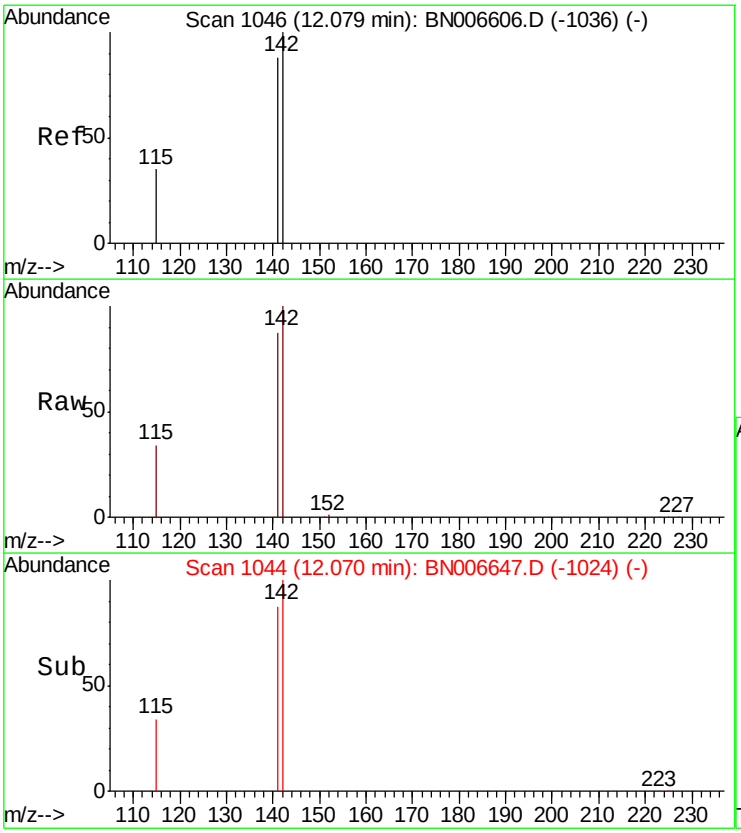
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:152 Resp: 13667

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.4

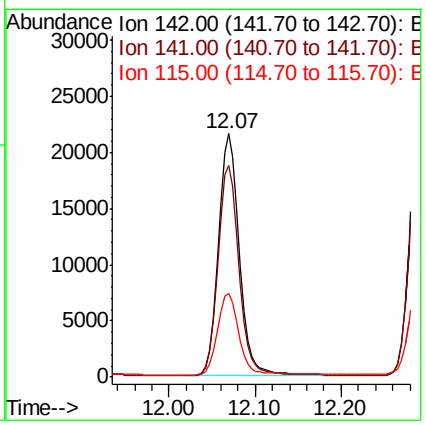


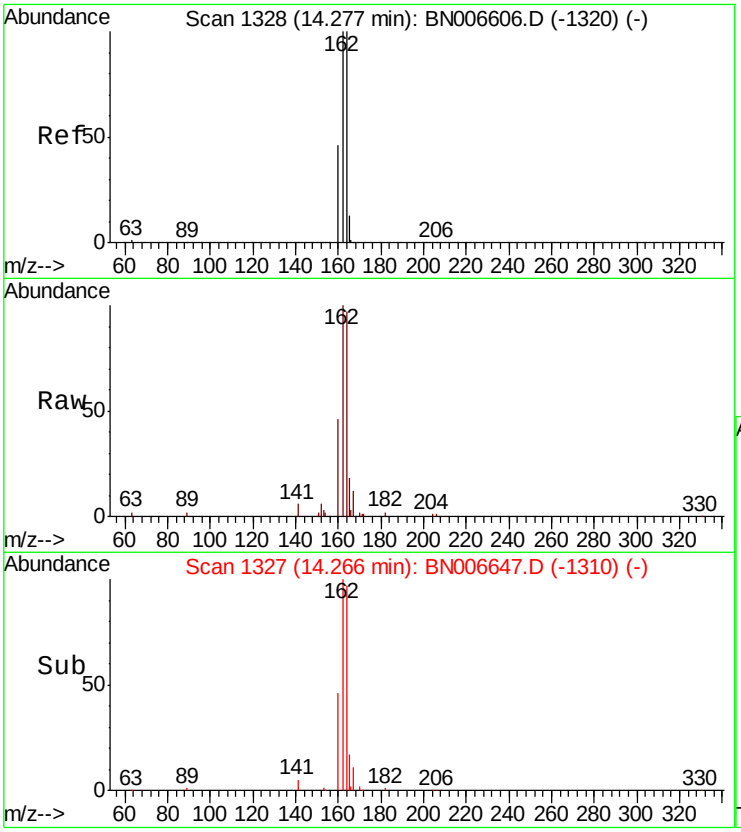


#12
2-Methylnaphthalene
Concen: 0.823 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:142 Resp: 36515

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.2	105.4
115	34.5	28.5	42.7



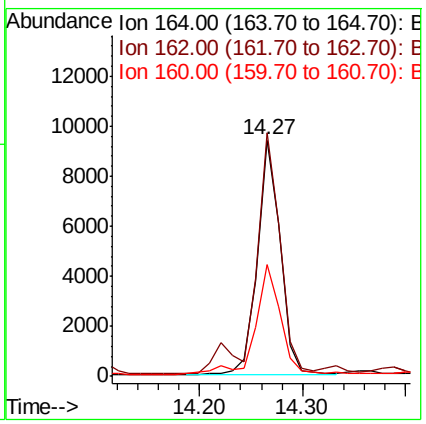


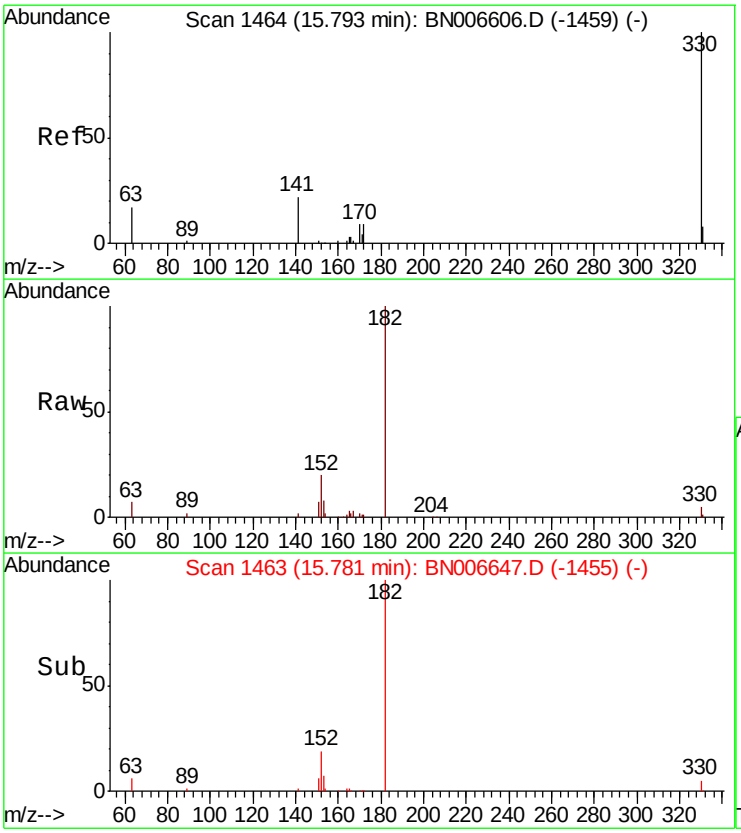
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:164 Resp: 14255

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.0	120.0
160	47.4	37.0	55.4

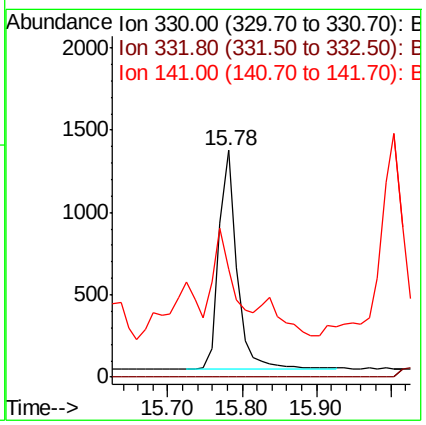


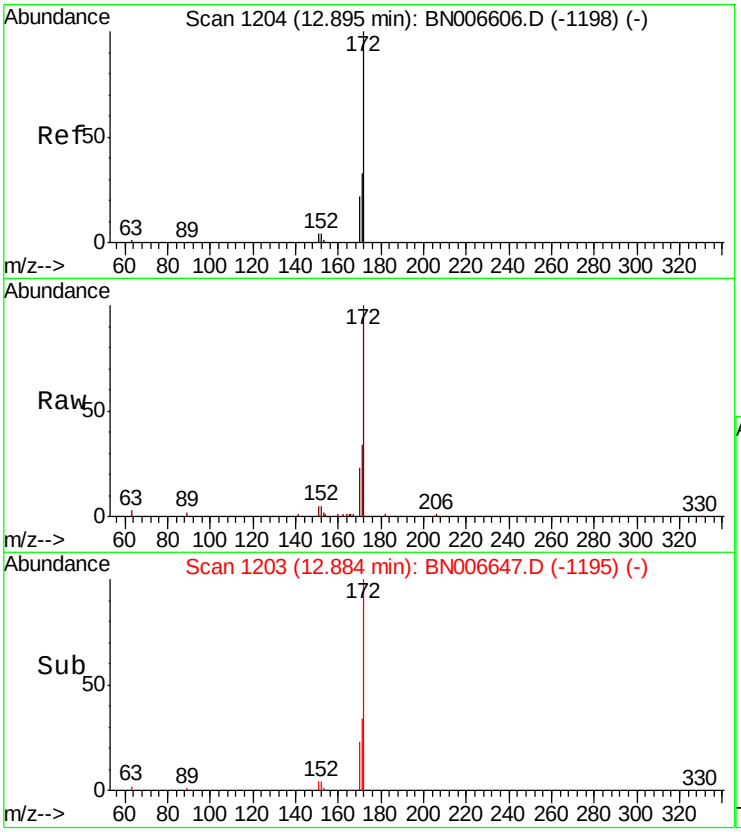


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:330 Resp: 2255

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.1	26.5	39.7#



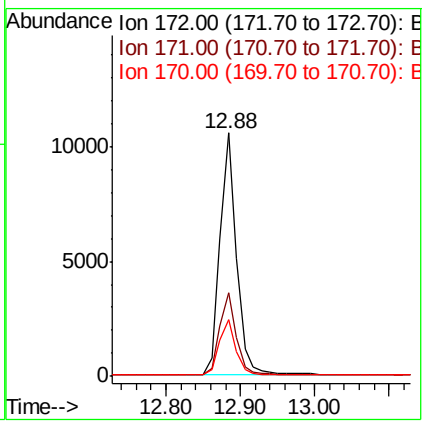


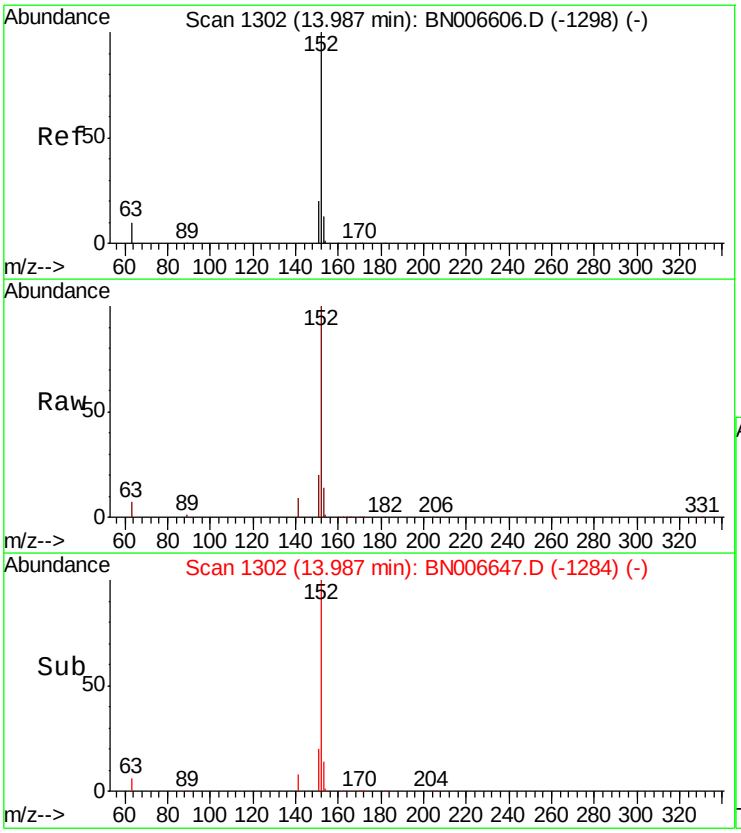
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:172 Resp: 16569

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.0	40.4
170	23.2	17.7	26.5

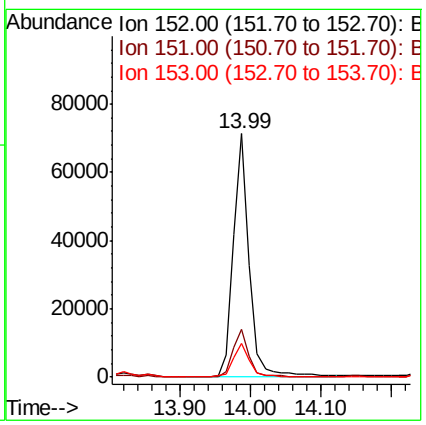


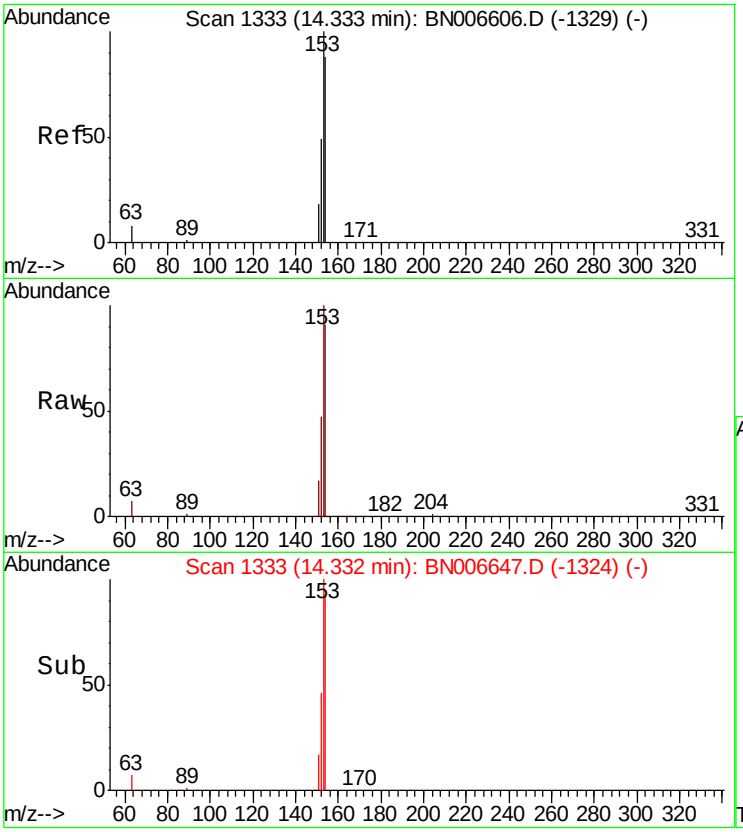


#16
Acenaphthylene
Concen: 1.652 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:152 Resp: 112289

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	14.0	10.5	15.7



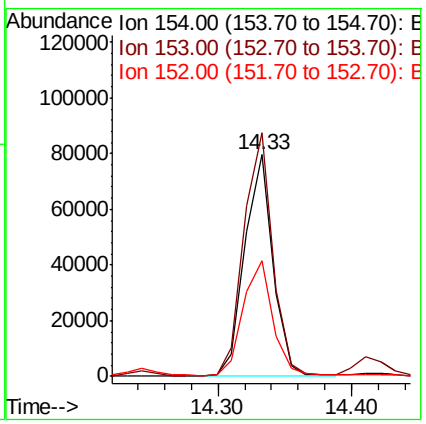


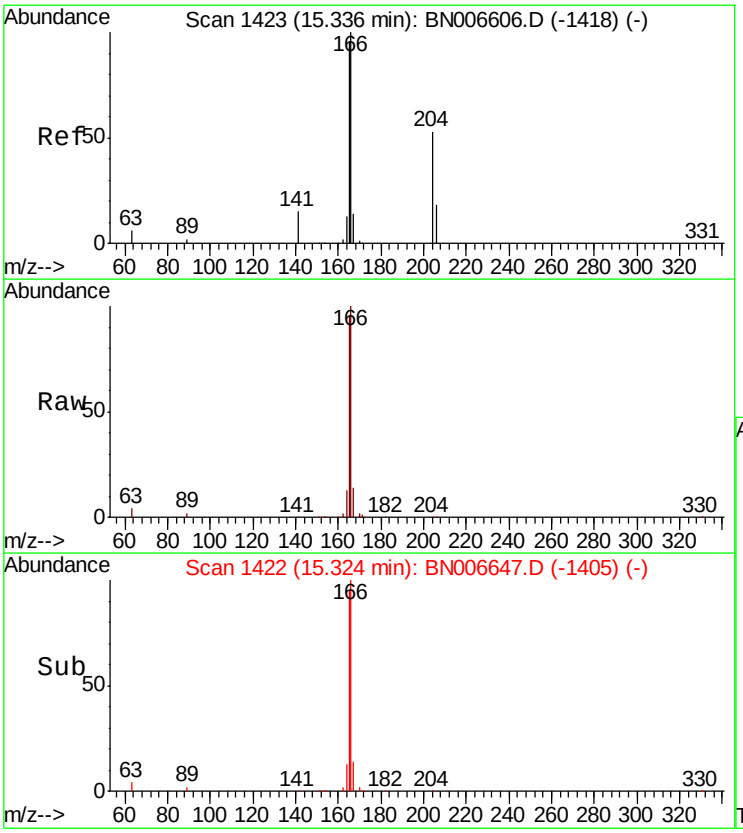
#17
Acenaphthene
Concen: 2.595 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:154 Resp: 116214

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.4
152	54.4	44.2	66.4

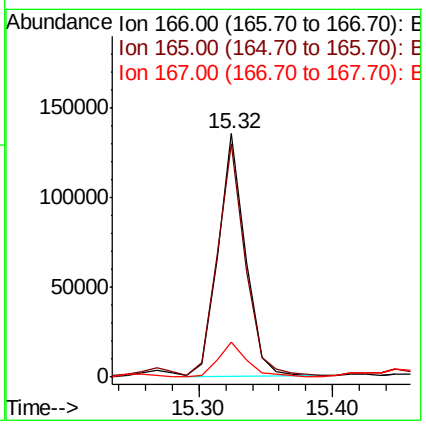


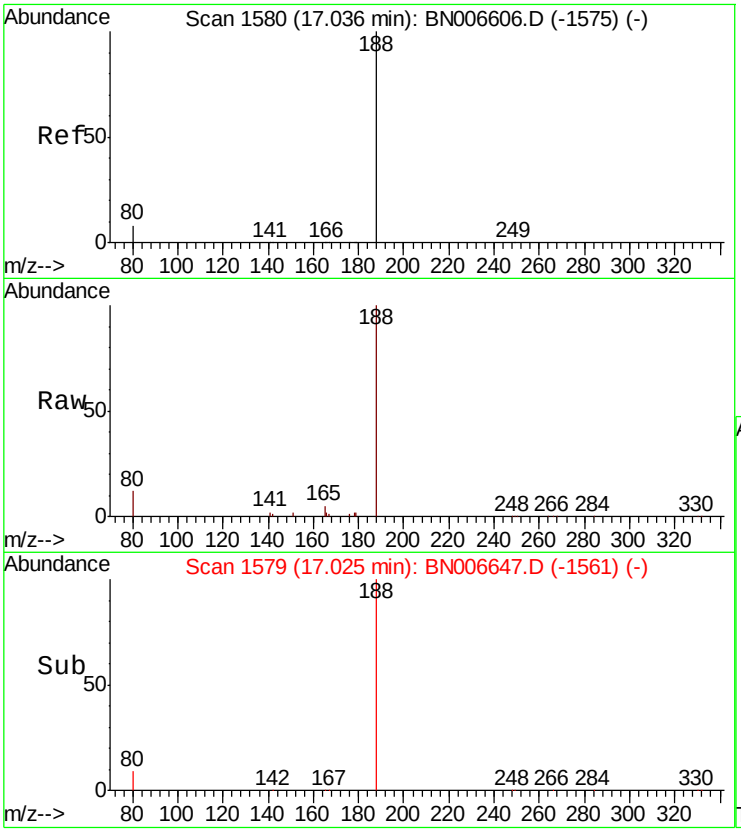


#18
Fluorene
Concen: 3.374 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:166 Resp: 190592

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.4	117.6
167	15.3	10.8	16.2



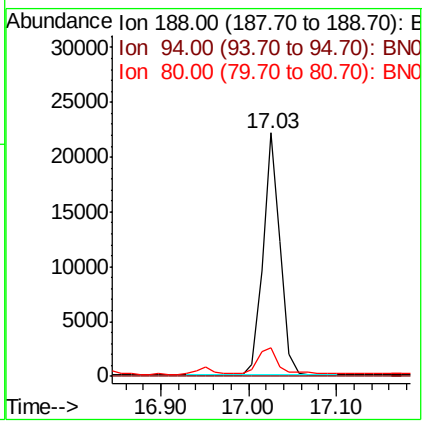


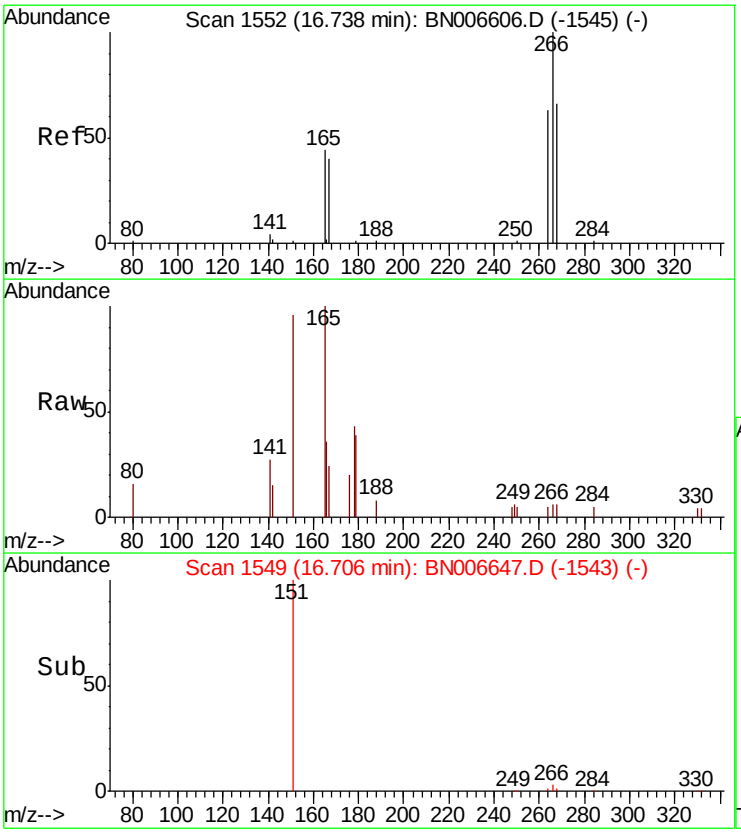
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:188 Resp: 30189

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.1	10.7#

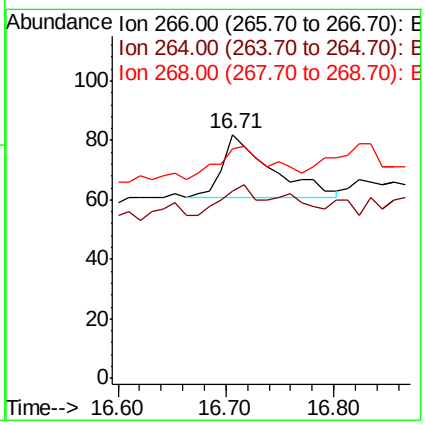


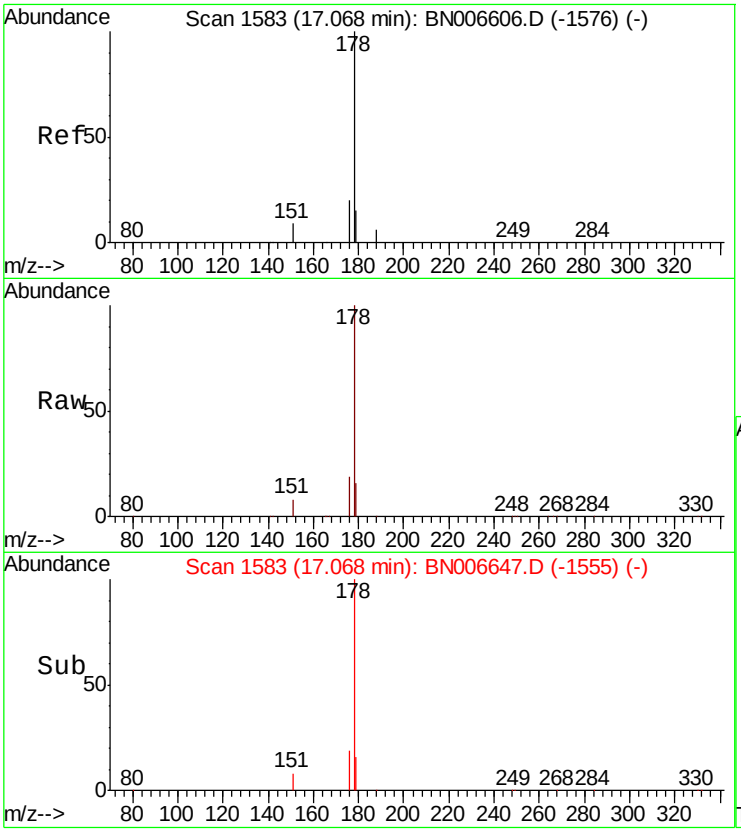


#22
Pentachlorophenol
Concen: 0.205 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
264	76.8	56.2	84.4
268	93.9	63.0	94.4



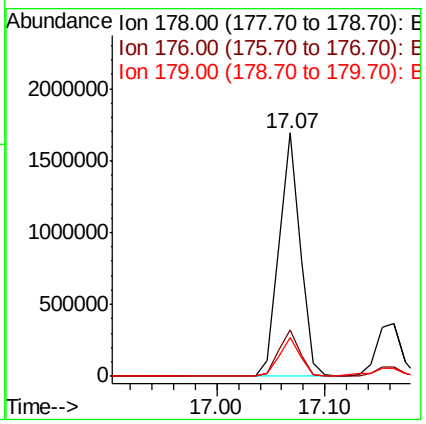


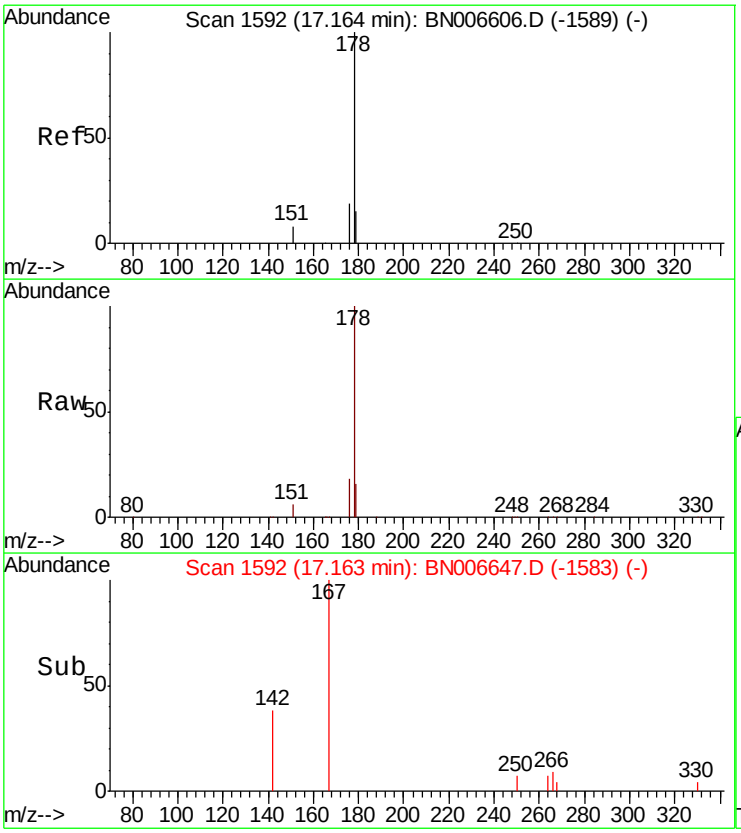
#23
Phenanthrene
Concen: 26.858 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:178 Resp: 2305524

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.7	12.2	18.4

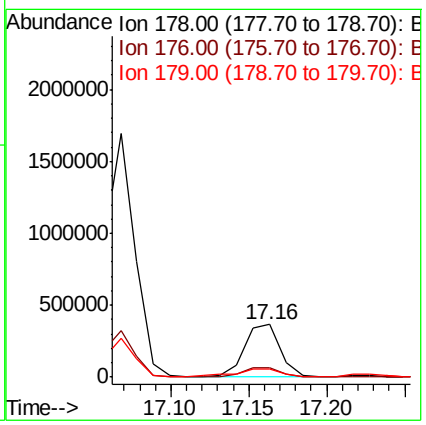


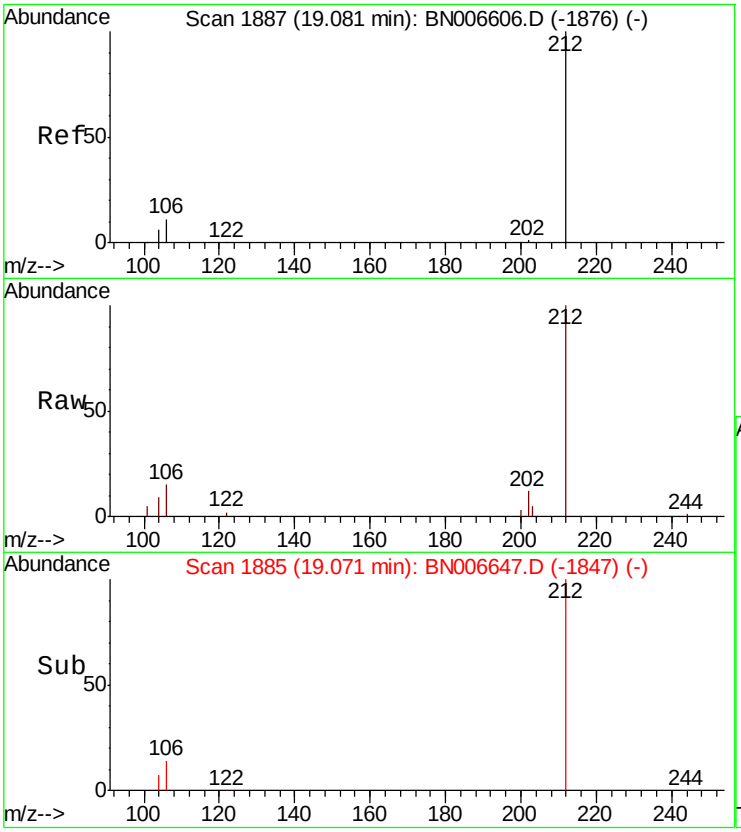


#24
Anthracene
Concen: 7.590 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:178 Resp: 565345

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	19.8	12.2	18.2#



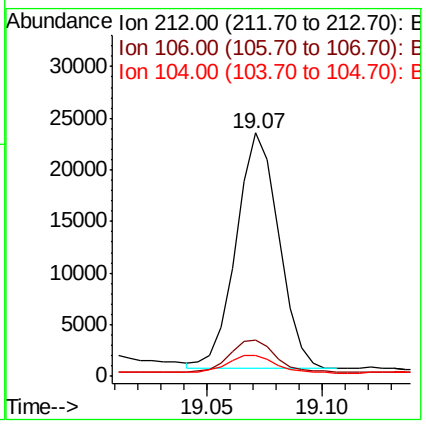


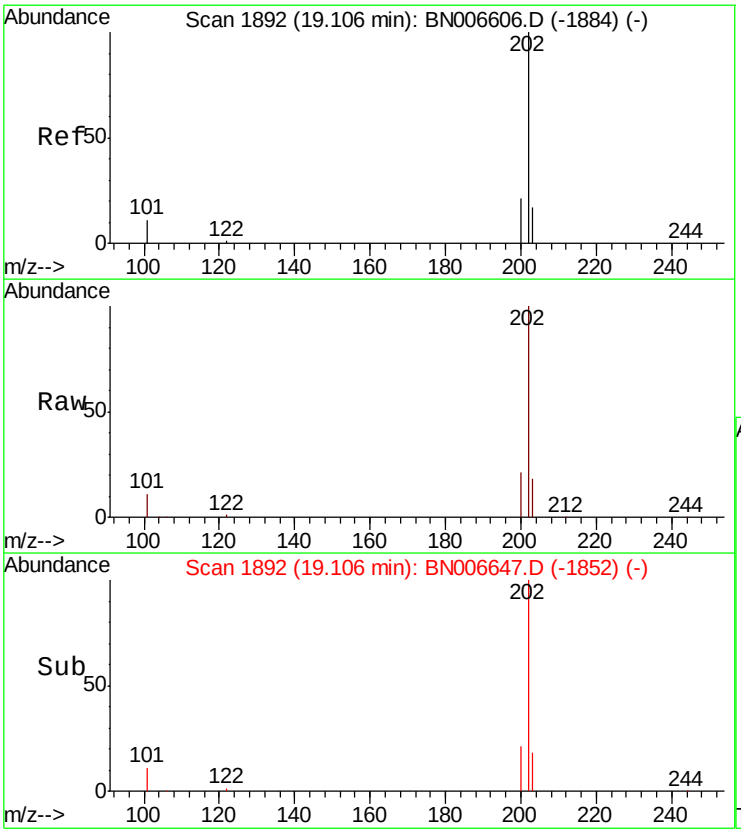
#25
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:212 Resp: 29275

Ion	Ratio	Lower	Upper
212	100		
106	14.4	10.6	15.8
104	8.4	5.8	8.6

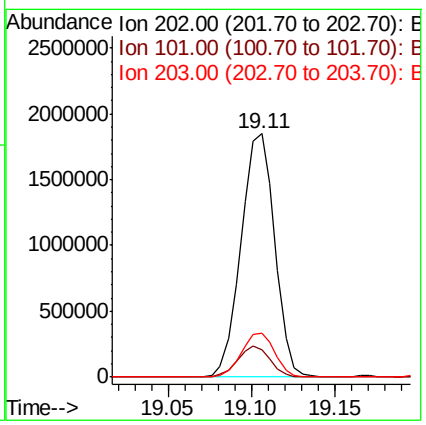


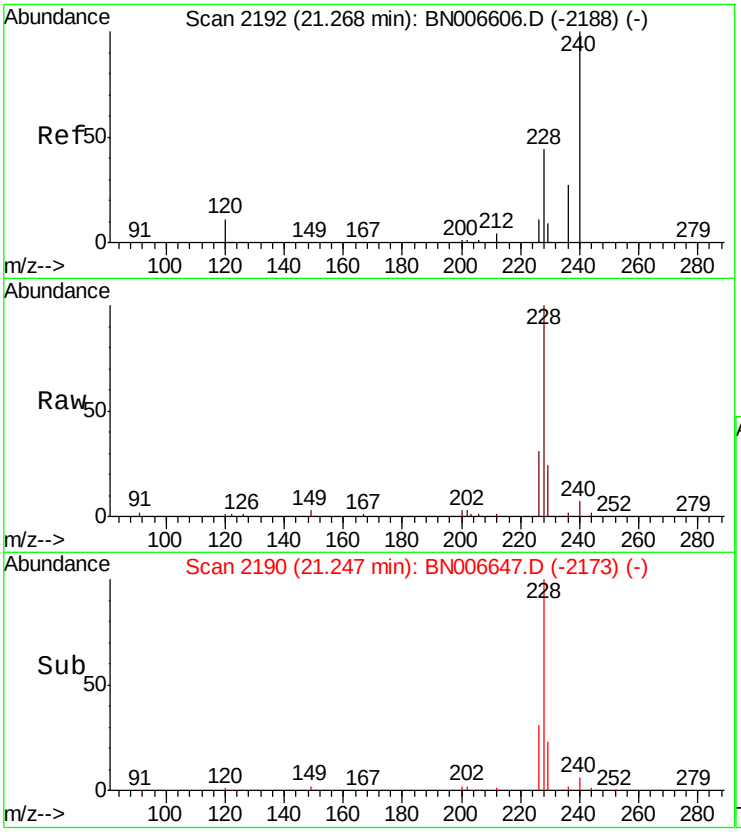


#26
Fluoranthene
Concen: 25.052 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:202 Resp: 2613493

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
203	17.9	13.6	20.4



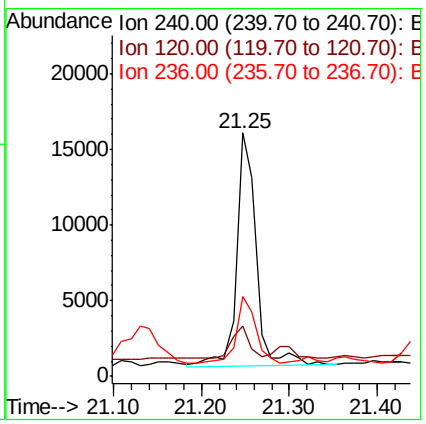


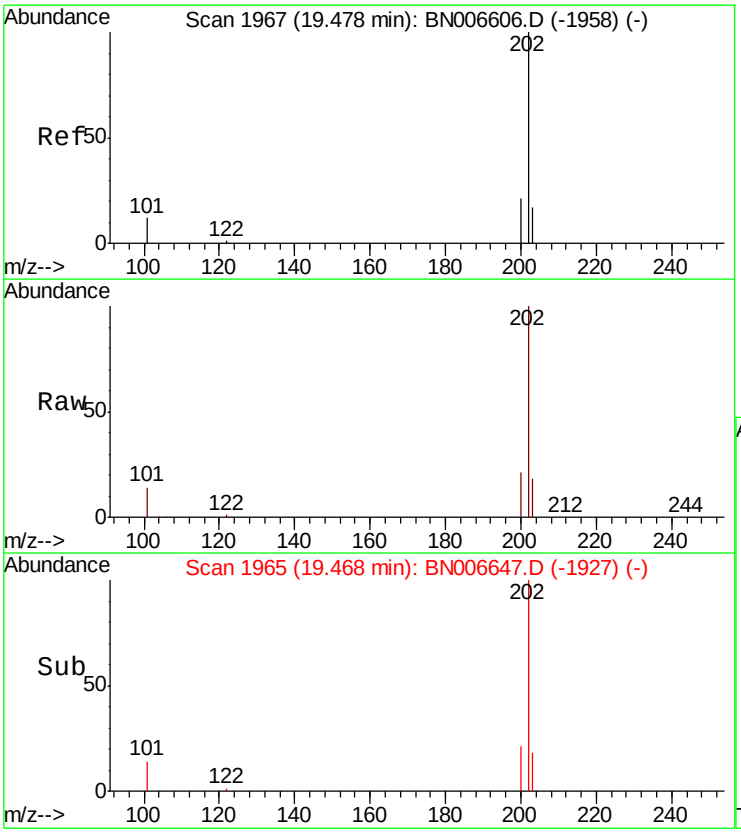
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:240 Resp: 23593

Ion	Ratio	Lower	Upper
240	100		
120	20.8	9.9	14.9#
236	32.8	22.2	33.4

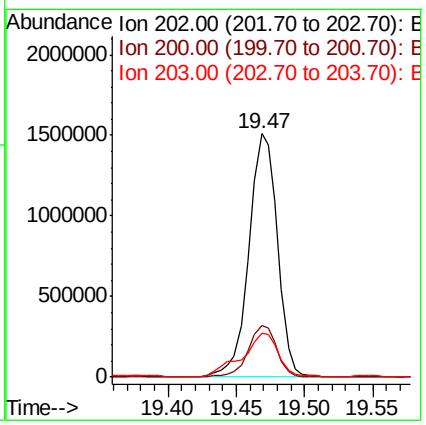


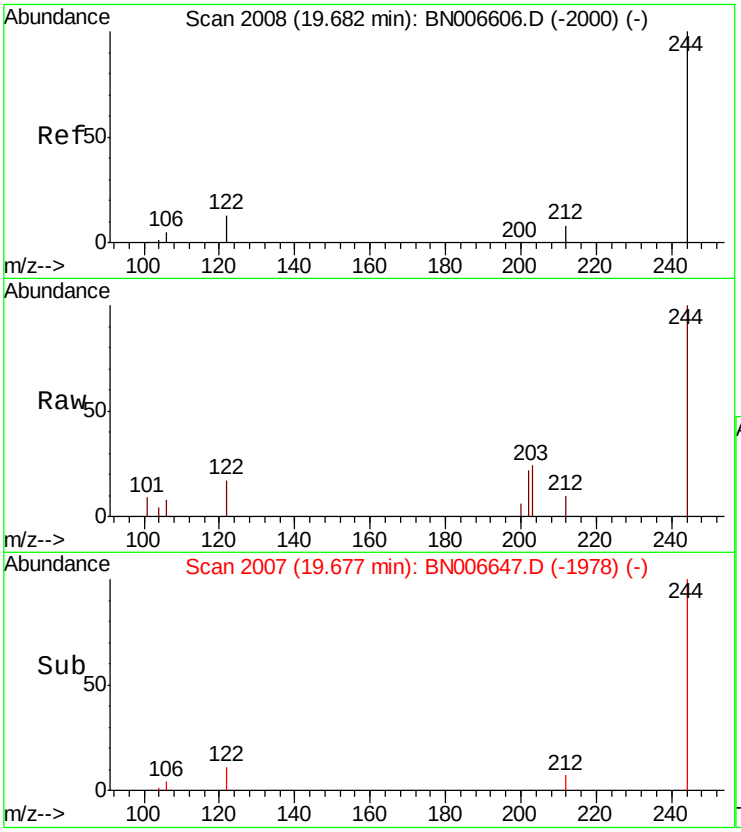


#28
Pyrene
Concen: 26.598 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:202 Resp: 2195764

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	22.8	14.1	21.1#



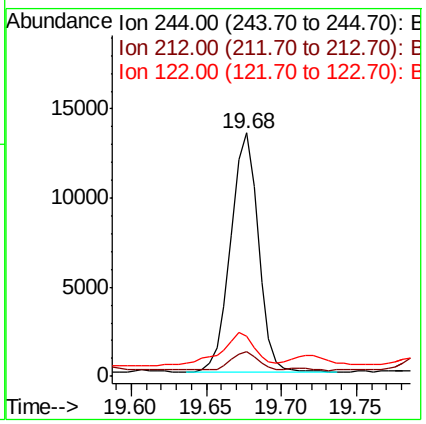


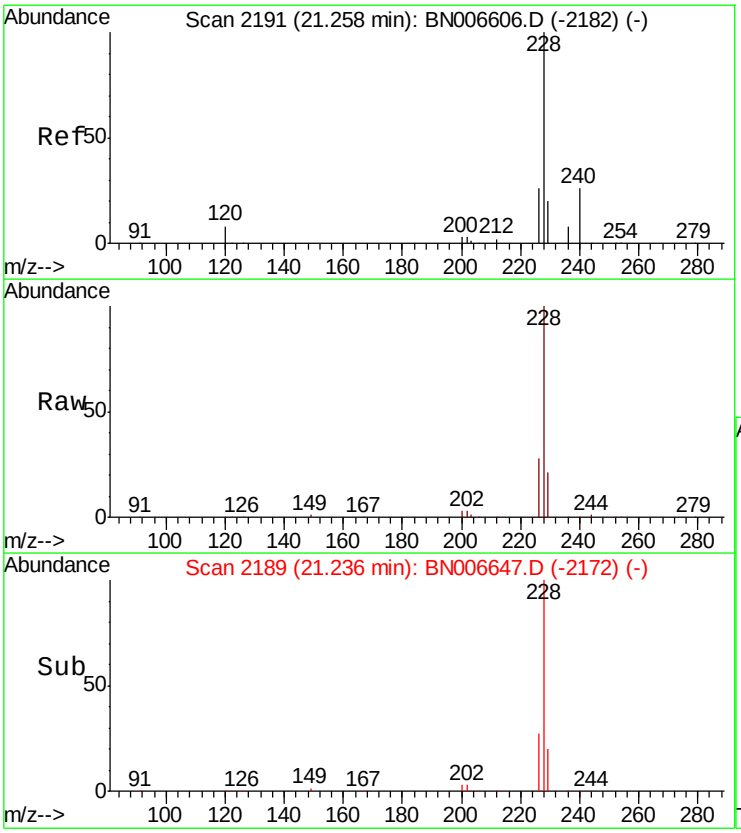
#29
Terphenyl-d14
Concen: 0.344 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:244 Resp: 16997

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

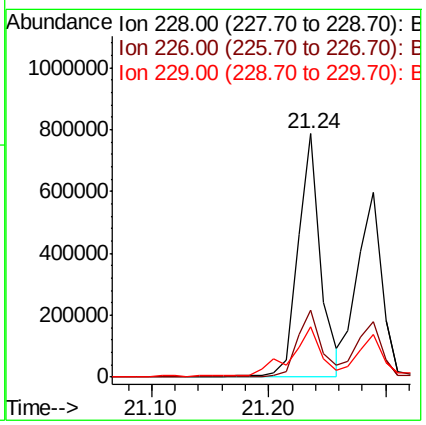


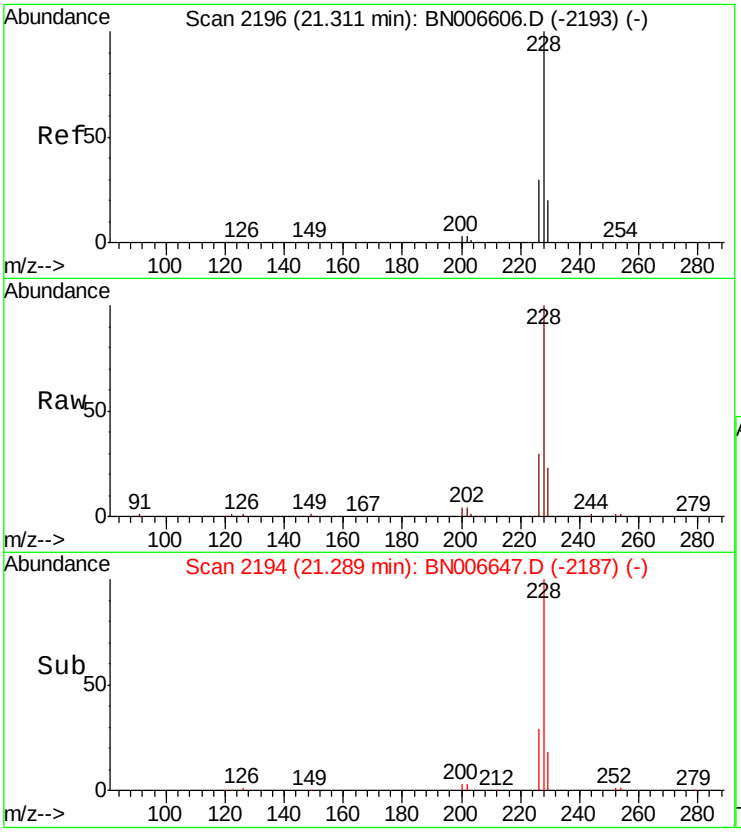


#30
Benzo(a)anthracene
Concen: 13.680 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:228 Resp: 1055231

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.2	31.8
229	20.8	16.1	24.1



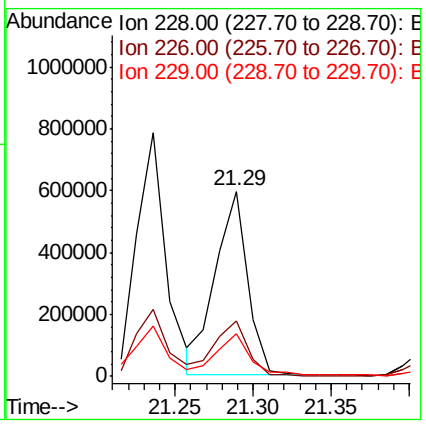


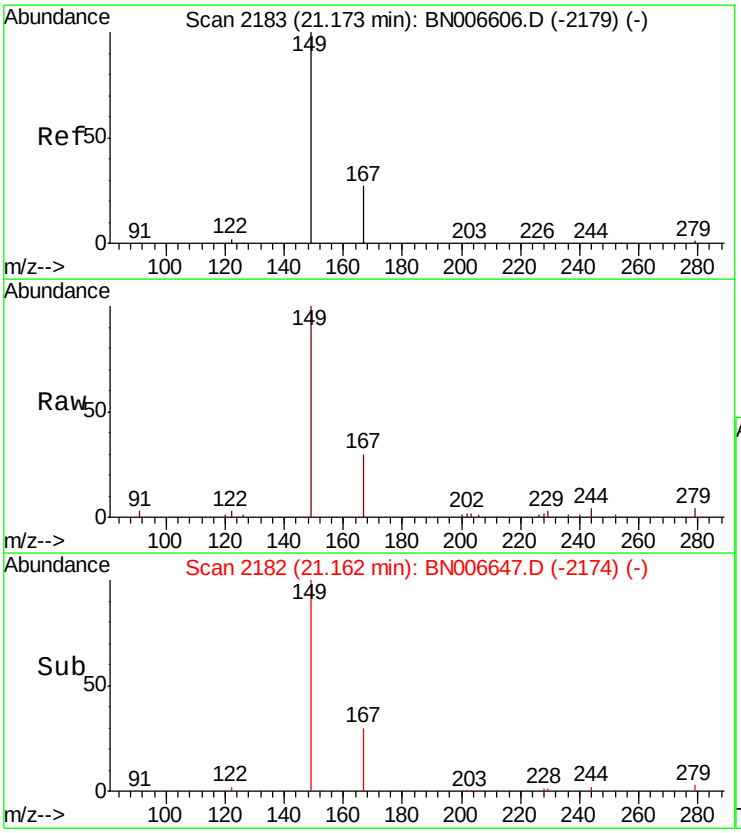
#31
Chrysene
Concen: 10.313 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:228 Resp: 857597

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.8	15.9	23.9

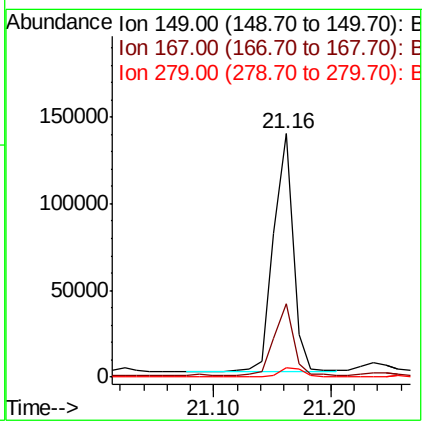


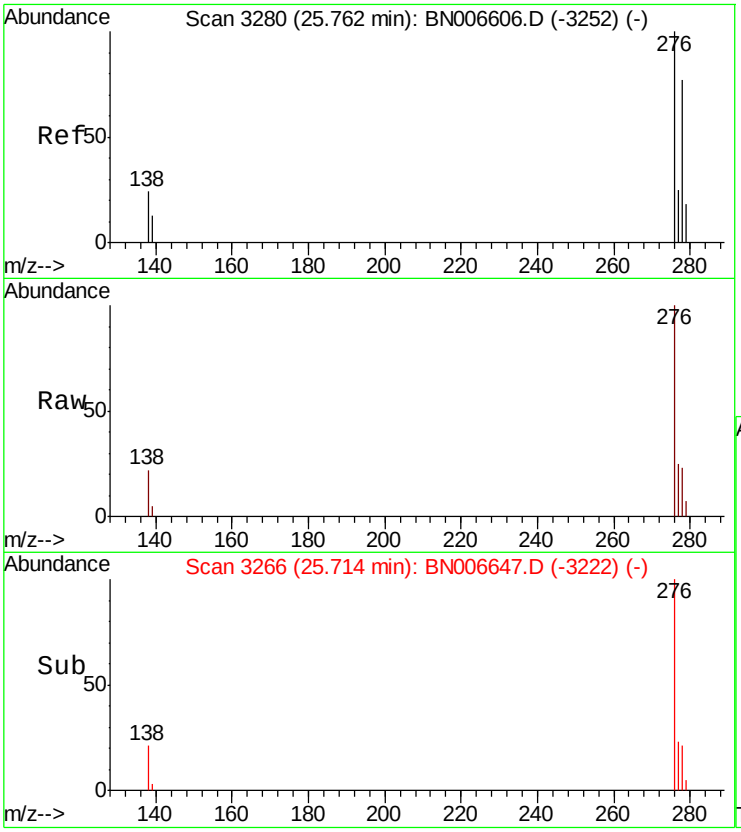


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.136 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:149 Resp: 160579

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.0	3.3	4.9



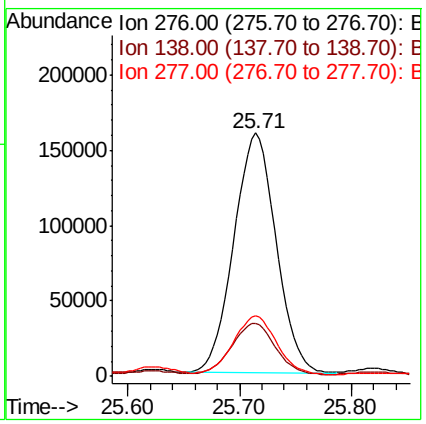


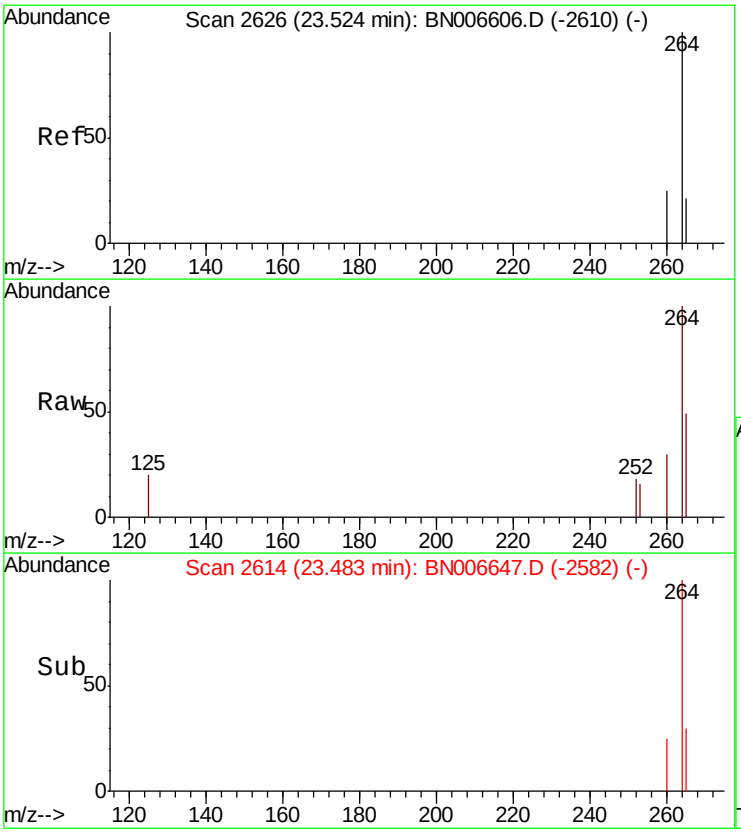
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.964 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:276 Resp: 417775

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.3	28.9
277	24.7	19.9	29.9

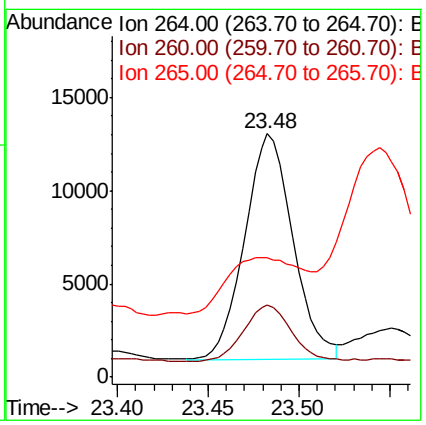


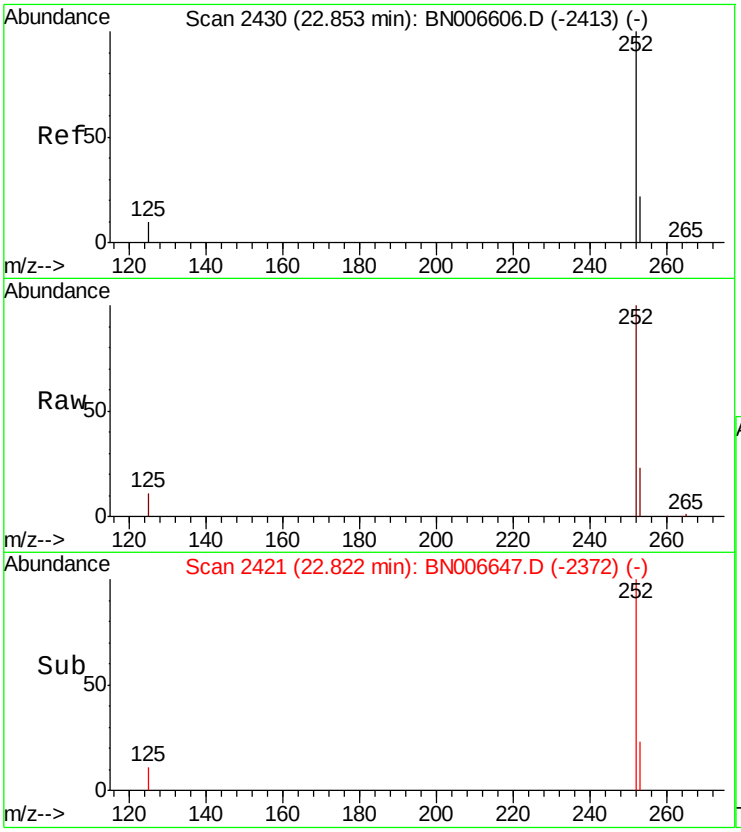


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2614
Delta R.T. -0.04 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:264 Resp: 22459

Ion	Ratio	Lower	Upper
264	100		
260	29.9	20.2	30.2
265	48.9	23.3	34.9#



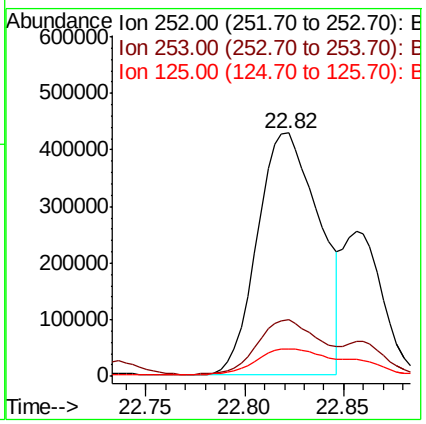


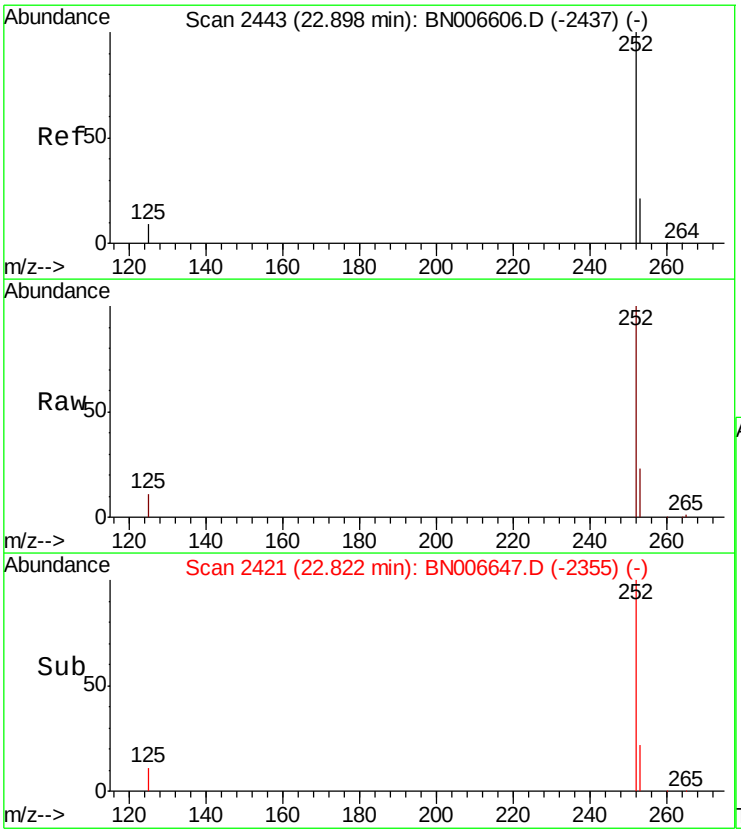
#35
Benzo(b)fluoranthene
Concen: 12.238 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.03 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:252 Resp: 934957

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.3	8.7	13.1

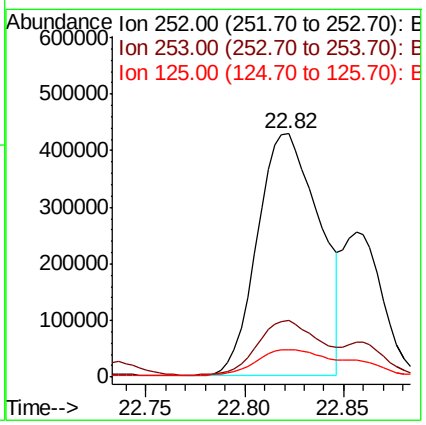


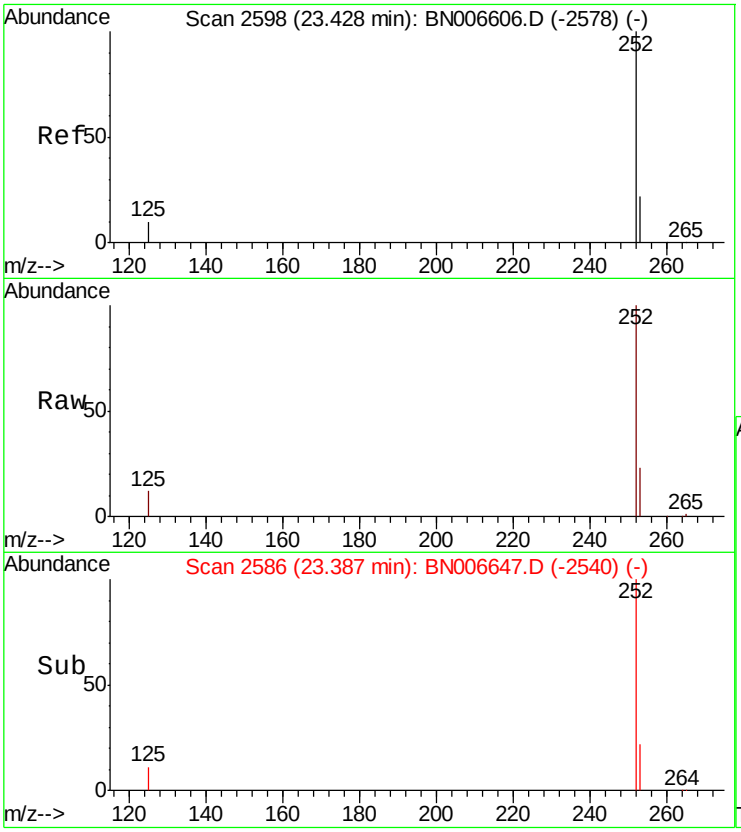


#36
Benzo(k)fluoranthene
Concen: 11.481 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.08 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:252 Resp: 934957

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.3	8.4	12.6



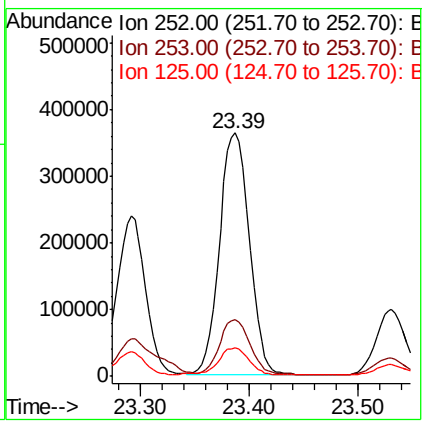


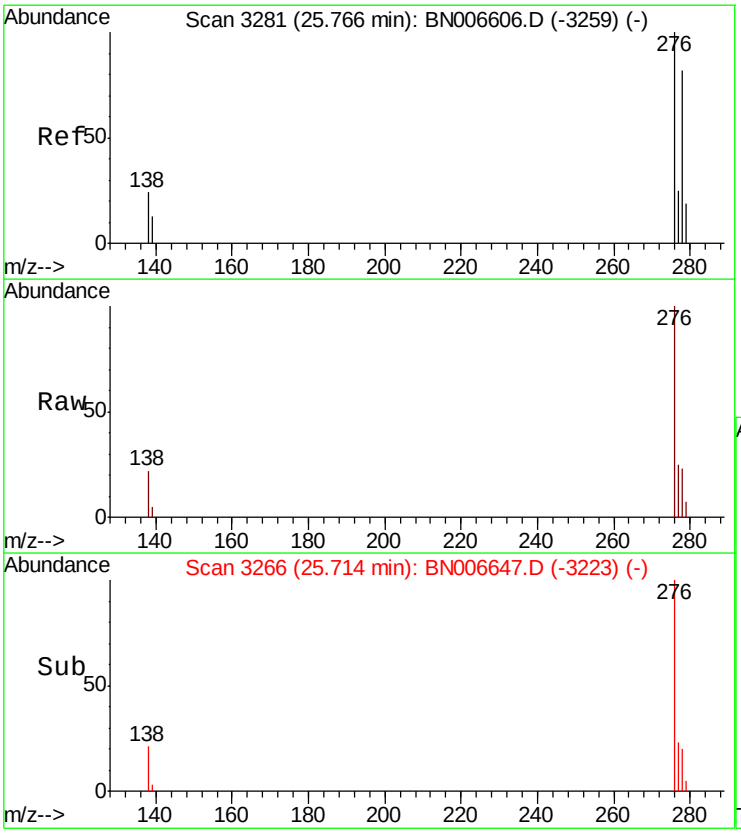
#37
Benzo(a)pyrene
Concen: 9.670 ng
RT: 23.39 min Scan# 2586
Delta R.T. -0.04 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:252 Resp: 690649

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	11.6	9.4	14.2

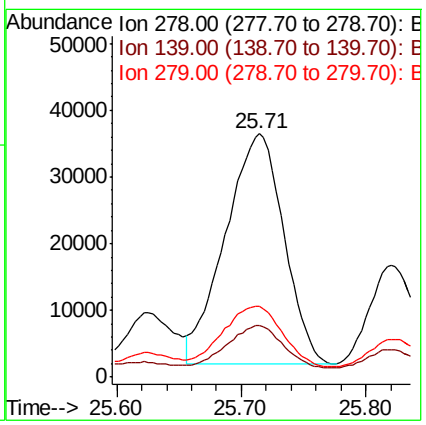


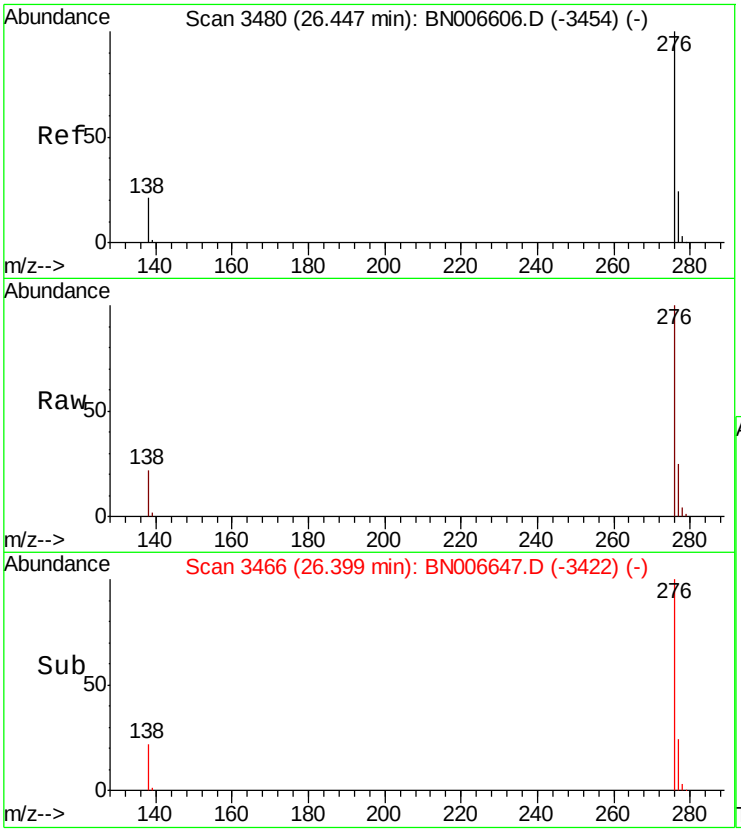


#38
Dibenzo(a,h)anthracene
Concen: 1.813 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

Tgt Ion:278 Resp: 113122

Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.5	20.3#
279	28.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 6.094 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.05 min
Lab File: BN006647.D
Acq: 29 Jun 2019 11:24

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

Tgt Ion:276 Resp: 379546

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	22.5	17.7	26.5