Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006642.D
Acq On : 29 Jun 2019 08:32
Operator : HP/JU
Sample : K3446-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-007-B256-061819

Quant Time: Jul 01 08:15:10 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	4792	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	20836	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	13021	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	30209	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	30210	0.40	ng		-0.01
34) Perylene-d12	23.50	264	27318	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3937	0.33	ng		0.00
5) Phenol-d6	6.81	99	6084	0.39	ng		-0.02
8) Nitrobenzene-d5	8.81	82	4325	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	12.00	152	12250	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2104	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	16488	0.34	ng		-0.01
25) Fluoranthene-d10	19.07	212	32827	0.37	ng		-0.01
29) Terphenyl-d14	19.68	244	22702	0.36	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.45	128	21600	0.395	ng		100
12) 2-Methylnaphthalene	12.07	142	8386	0.222	ng		99
16) Acenaphthylene	13.99	152	60565	0.976	ng		99
17) Acenaphthene	14.33	154	28147	0.688	ng		99
18) Fluorene	15.32	166	34242	0.664	ng	#	98
22) Pentachlorophenol	16.73	266	173	0.228	ng		85
23) Phenanthrene	17.07	178	848672	9.880	ng		100
24) Anthracene	17.16	178	160677	2.156	ng	#	92
26) Fluoranthene	19.10	202	1632113	15.634	ng		98
28) Pyrene	19.47	202	1519412	14.374	ng	#	96
30) Benzo(a)anthracene	21.24	228	809440	8.195	ng		98
31) Chrysene	21.29	228	796637	7.482	ng		97
32) Bis(2-ethylhexyl)phthalate	21.16	149	30979	0.623	ng		100
33) Indeno(1,2,3-cd)pyrene	25.73	276	372566	3.457	ng		96
35) Benzo(b)fluoranthene	22.83	252	908703	9.779	ng		99
36) Benzo(k)fluoranthene	22.83	252	908703	9.174	ng		100
37) Benzo(a)pyrene	23.40	252	644880	7.423	ng		99
38) Dibenzo(a,h)anthracene	25.73	278	94163	1.241	ng		93
39) Benzo(g,h,i)perylene	26.41	276	352727	4.656	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
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BNA_N
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PST-007-B256-061819

Quant Time: Jul 01 08:15:10 2019
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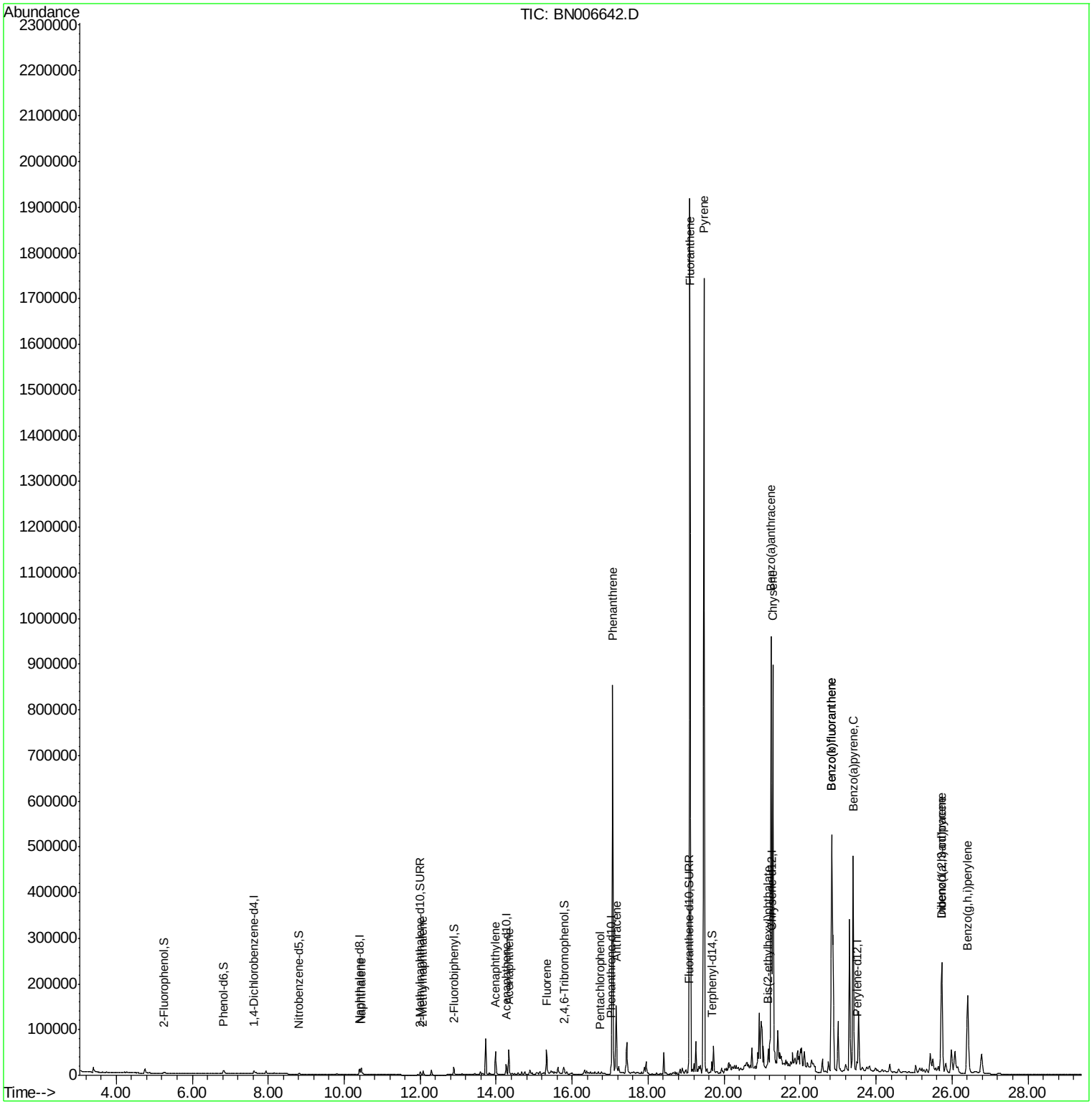
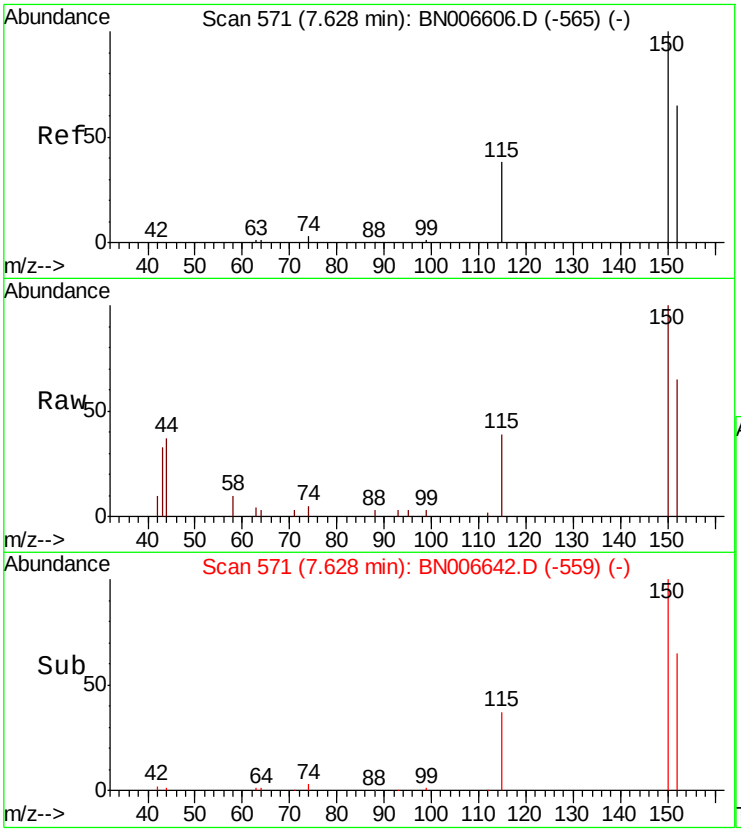
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



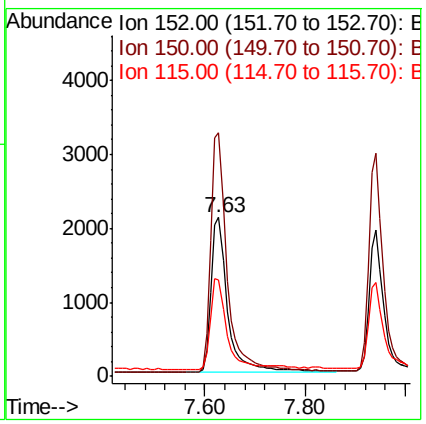


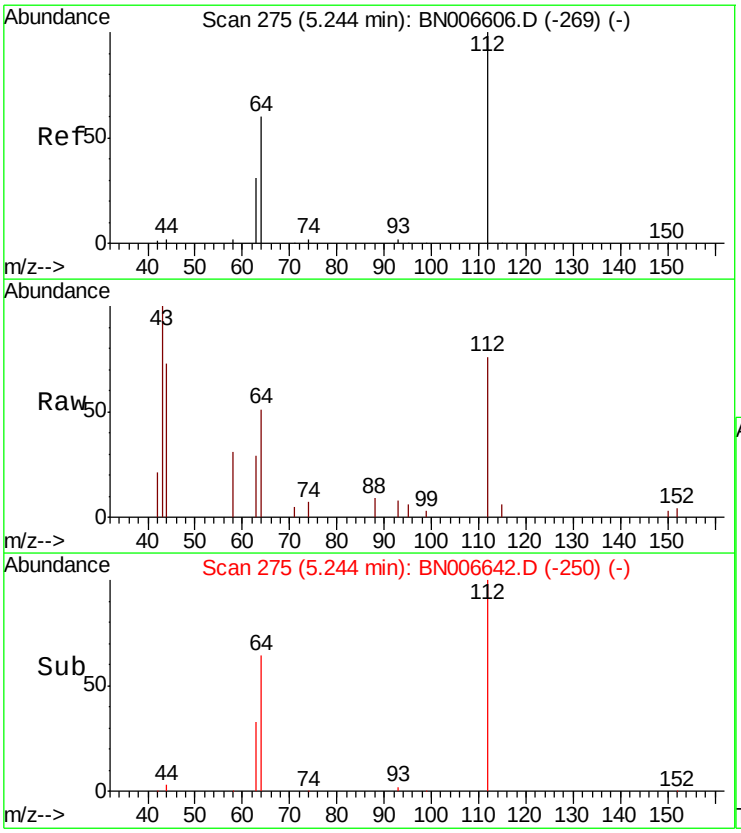
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:152 Resp: 4792

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.2	183.2
115	60.4	50.0	75.0

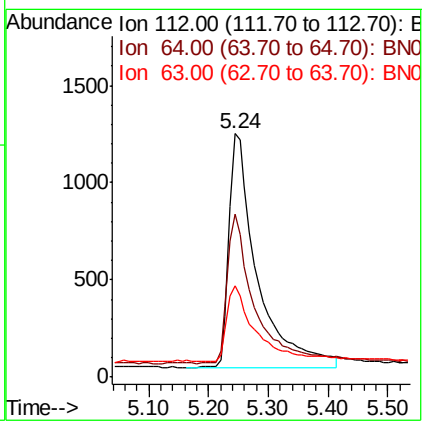


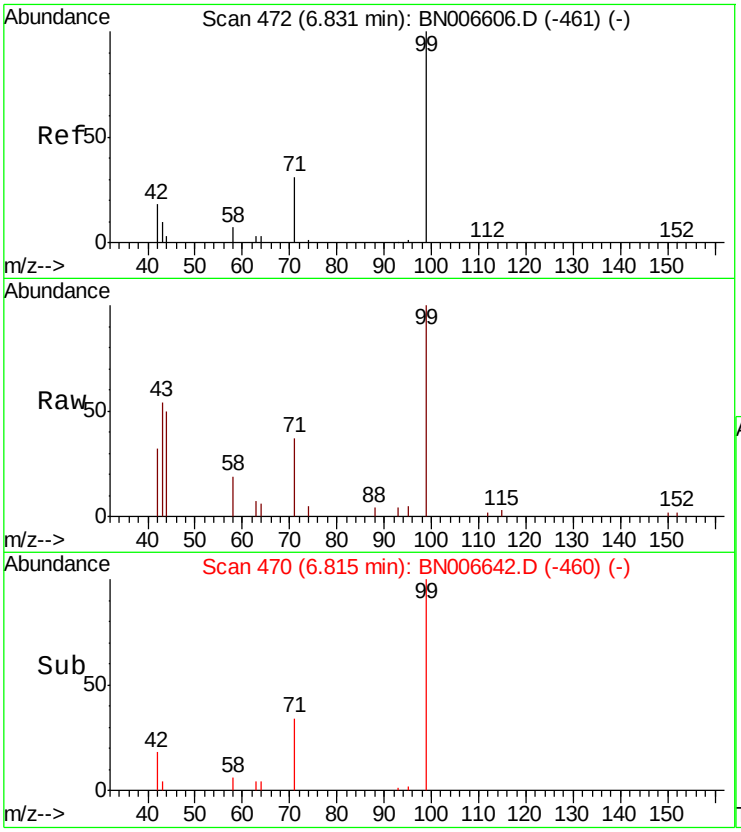


#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:112 Resp: 3937

Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.9	73.3
63	32.5	24.3	36.5



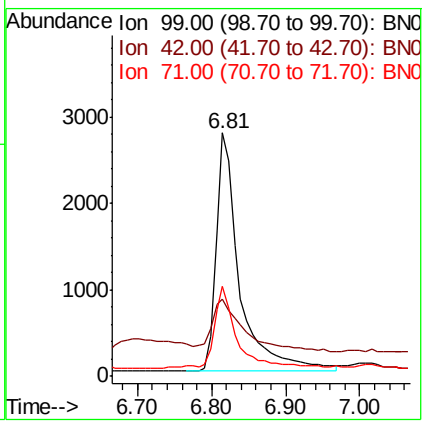


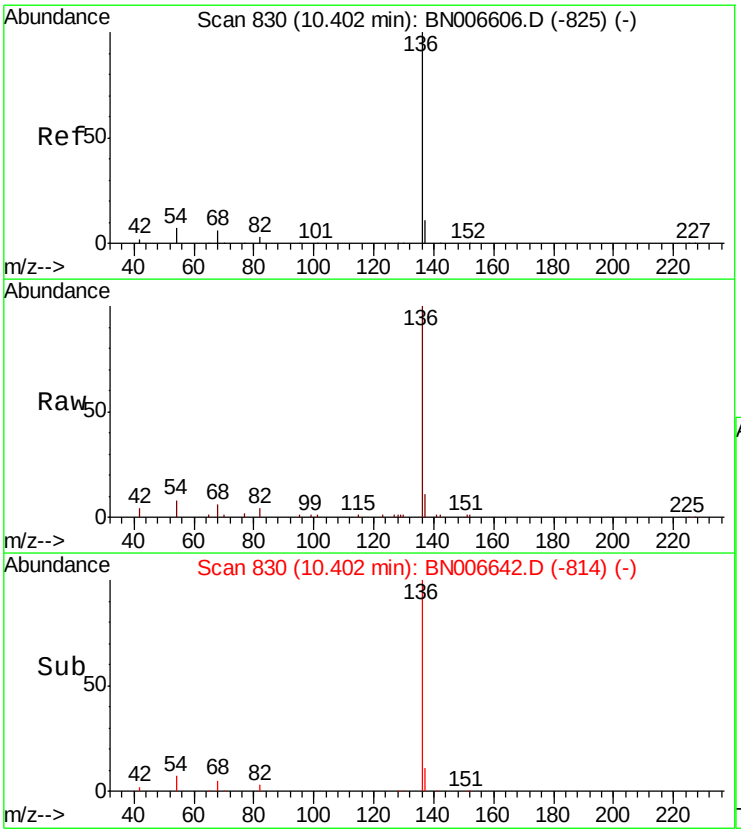
#5
Phenol-d6
Concen: 0.391 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion: 99 Resp: 6084

Ion	Ratio	Lower	Upper
99	100		
42	31.2	16.4	24.6#
71	30.0	26.6	40.0

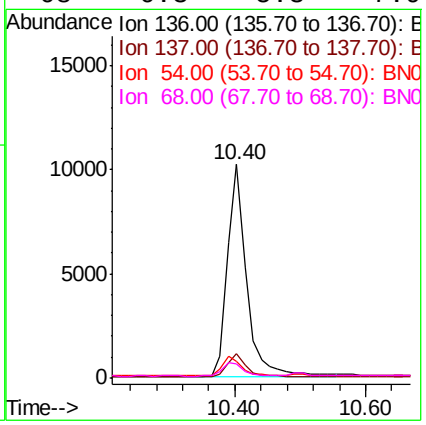


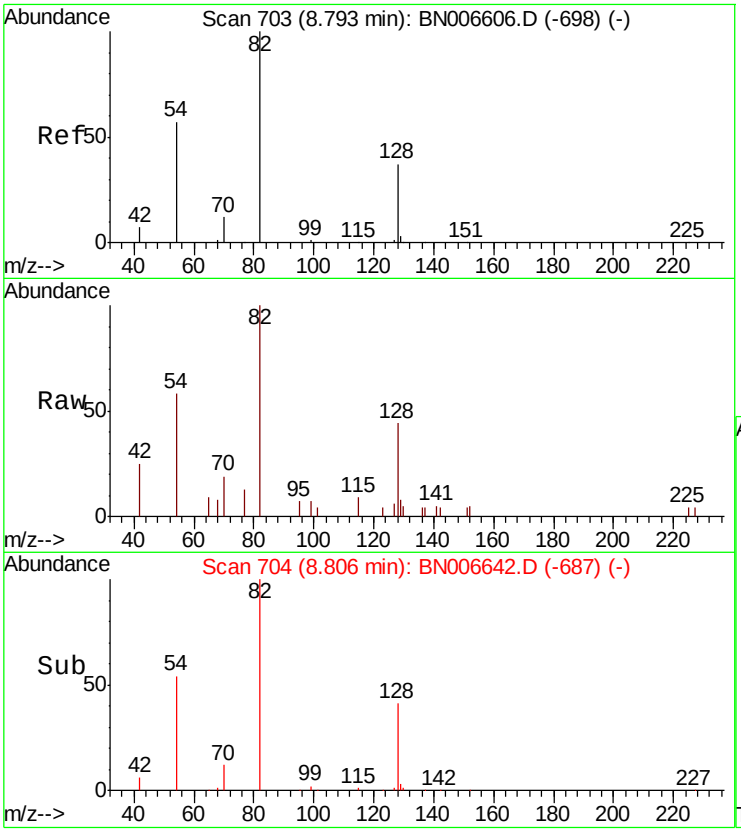


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:136 Resp: 20836

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.9	6.7	10.1
68	6.3	5.3	7.9



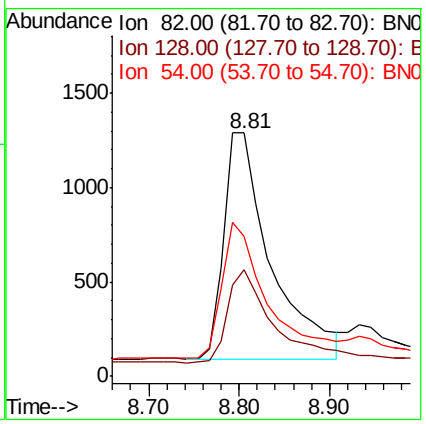


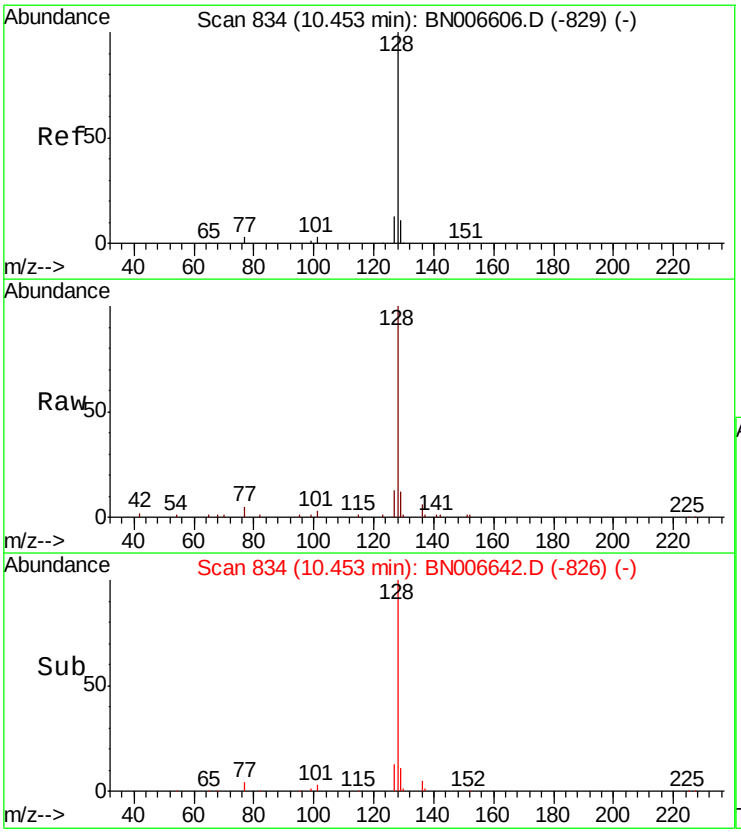
#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion: 82 Resp: 4325

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.6	49.0
54	57.6	48.2	72.4

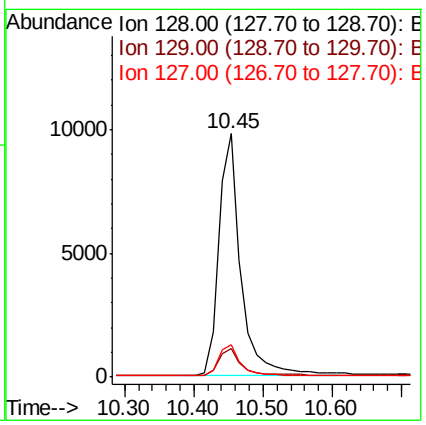


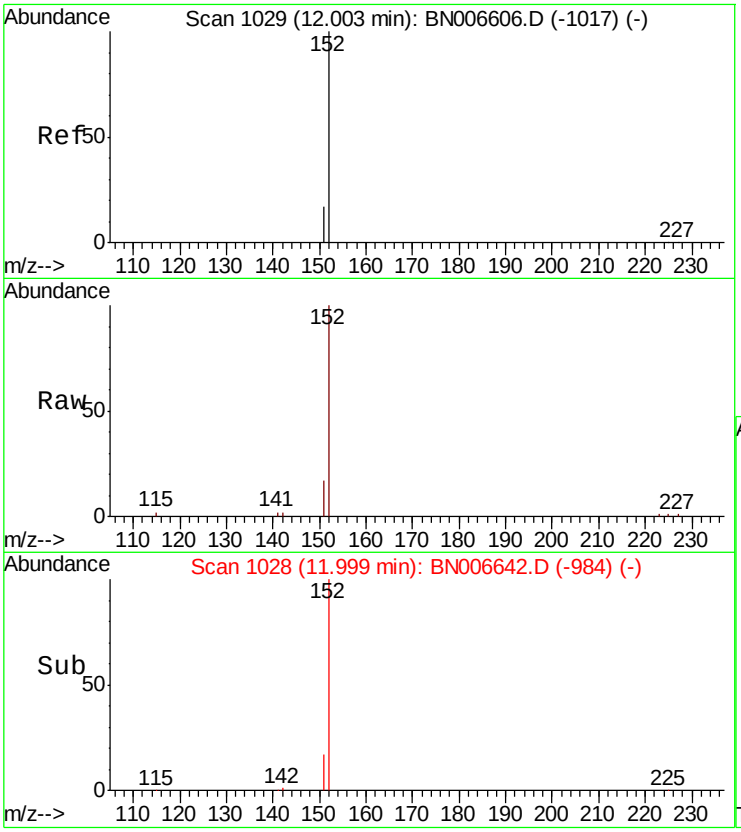


#9
Naphthalene
Concen: 0.395 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:128 Resp: 21600

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.4	10.8	16.2



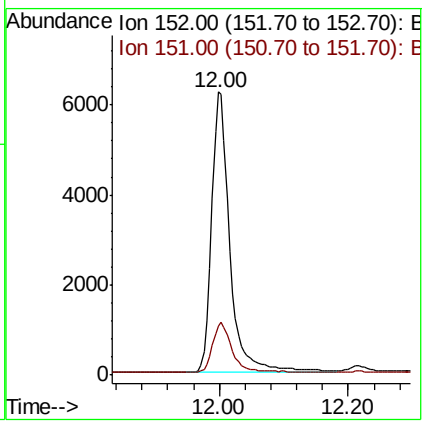


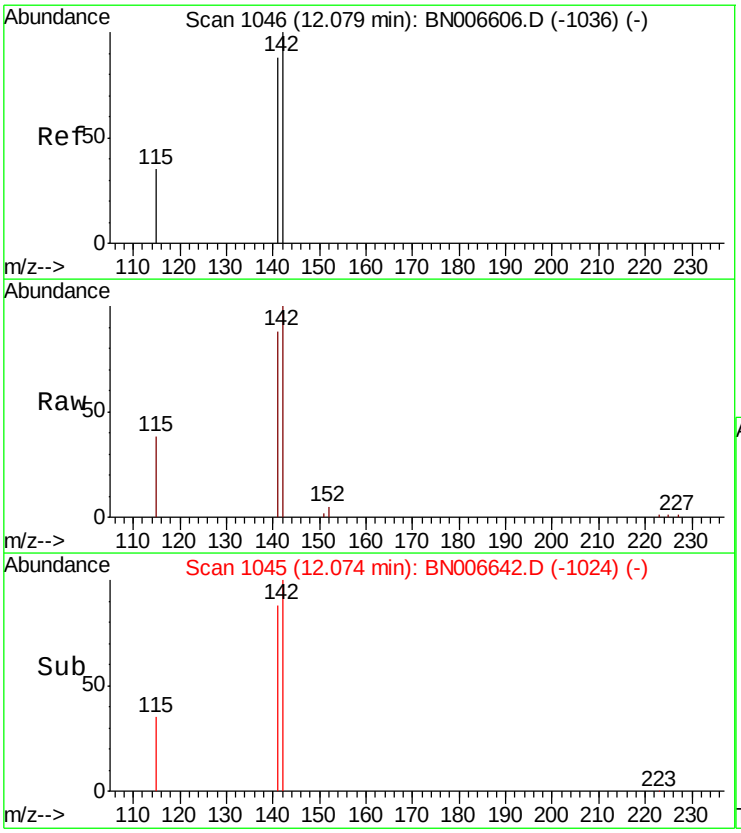
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:152 Resp: 12250

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

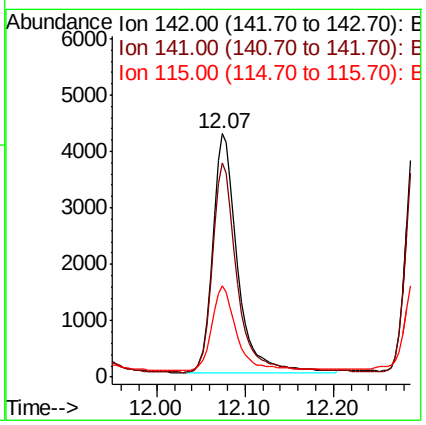


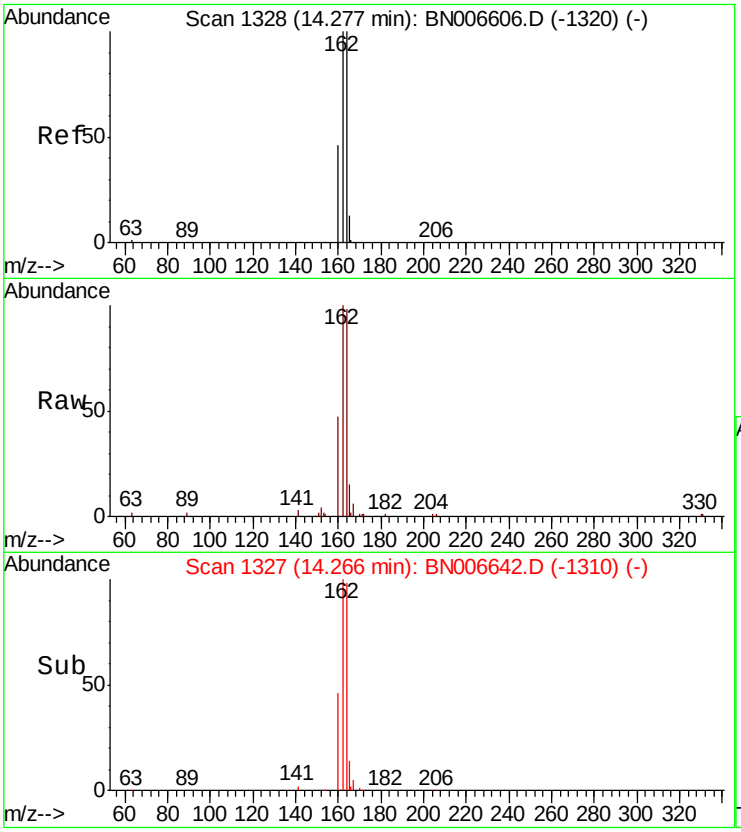


#12
2-Methylnaphthalene
Concen: 0.222 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:142 Resp: 8386

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4
115	37.6	28.5	42.7



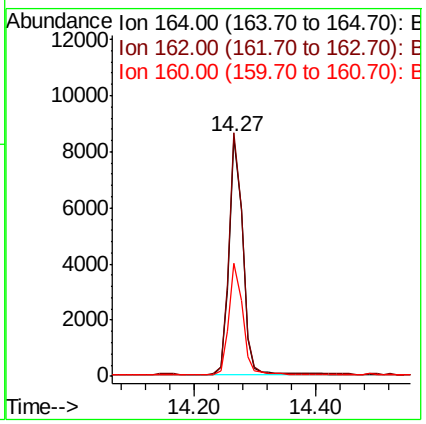


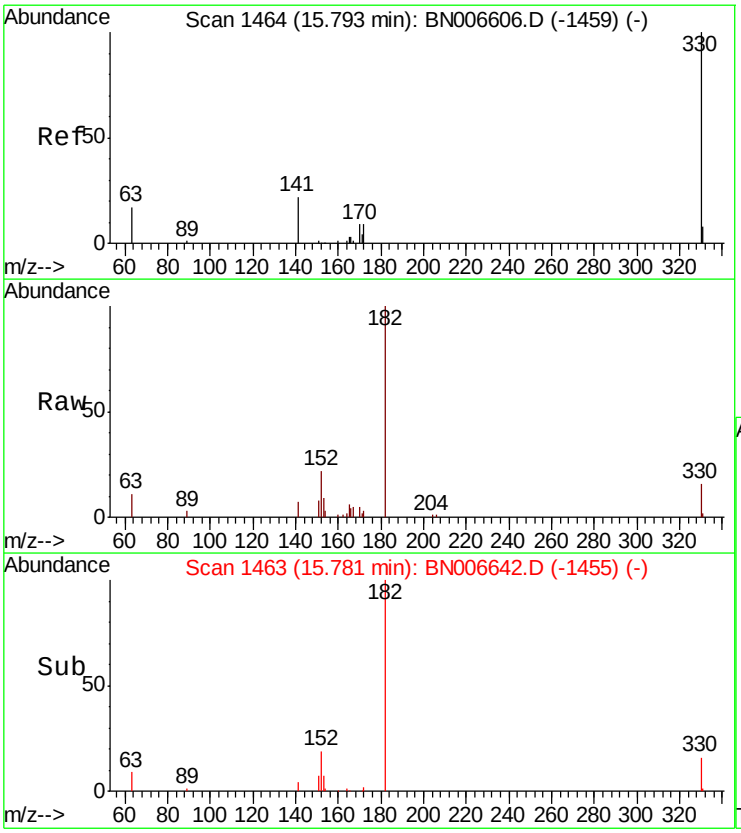
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:164 Resp: 13021

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.0	120.0
160	47.6	37.0	55.4

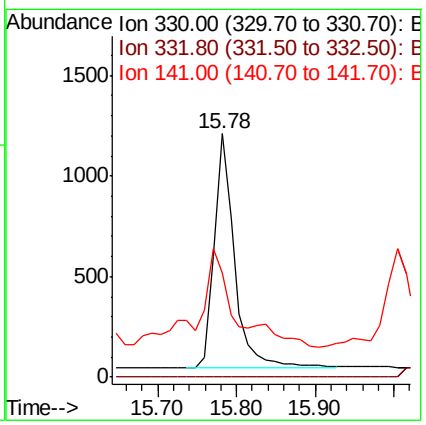


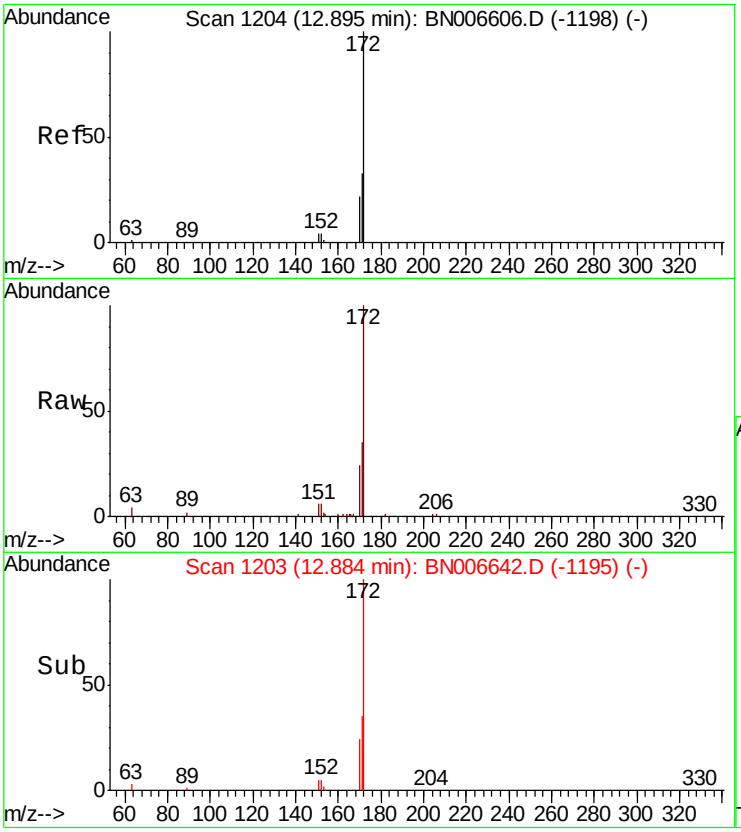


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:330 Resp: 2104

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	26.5	39.7



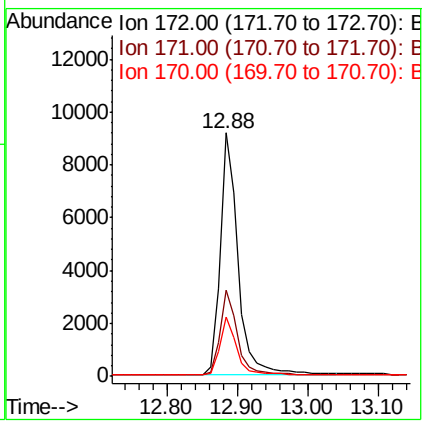


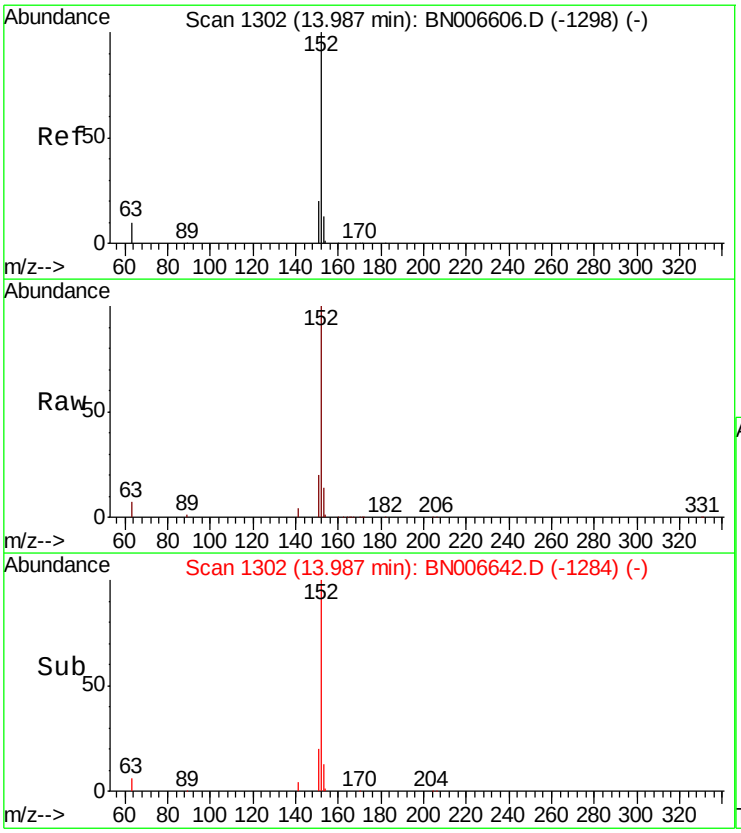
#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:172 Resp: 16488

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.0	40.4
170	24.4	17.7	26.5

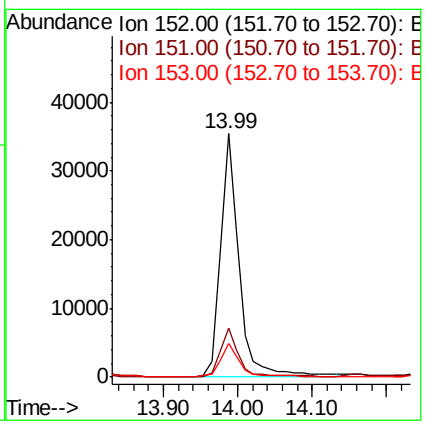


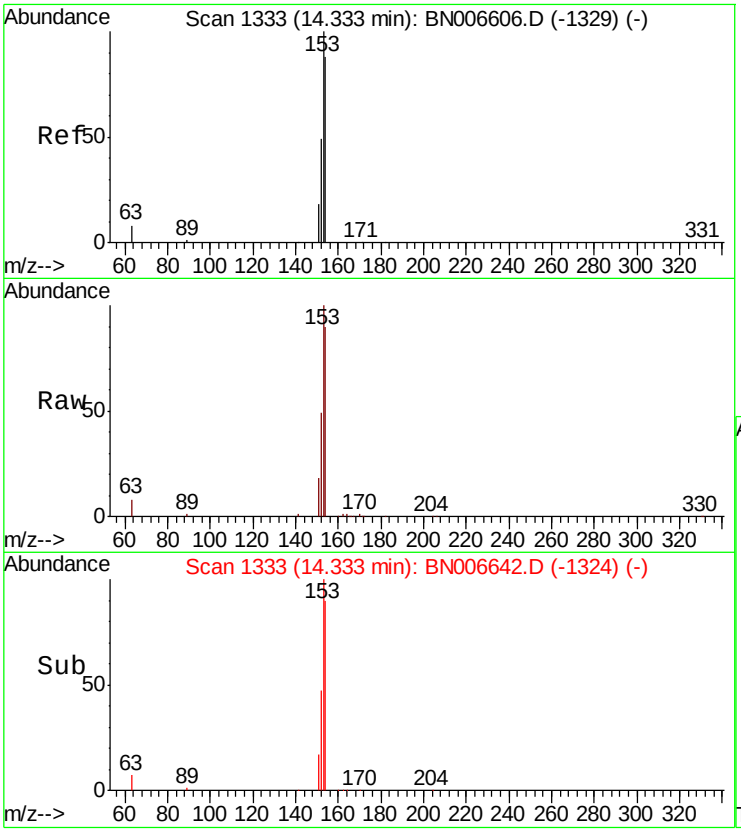


#16
Acenaphthylene
Concen: 0.976 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:152 Resp: 60565

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.5	10.5	15.7



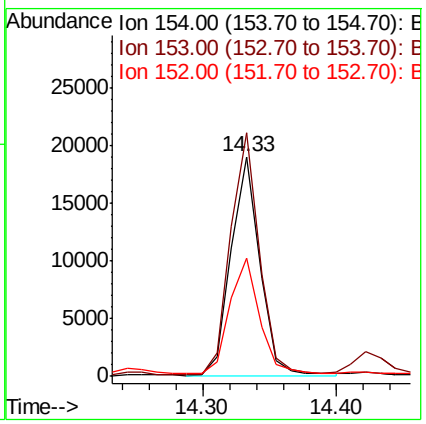


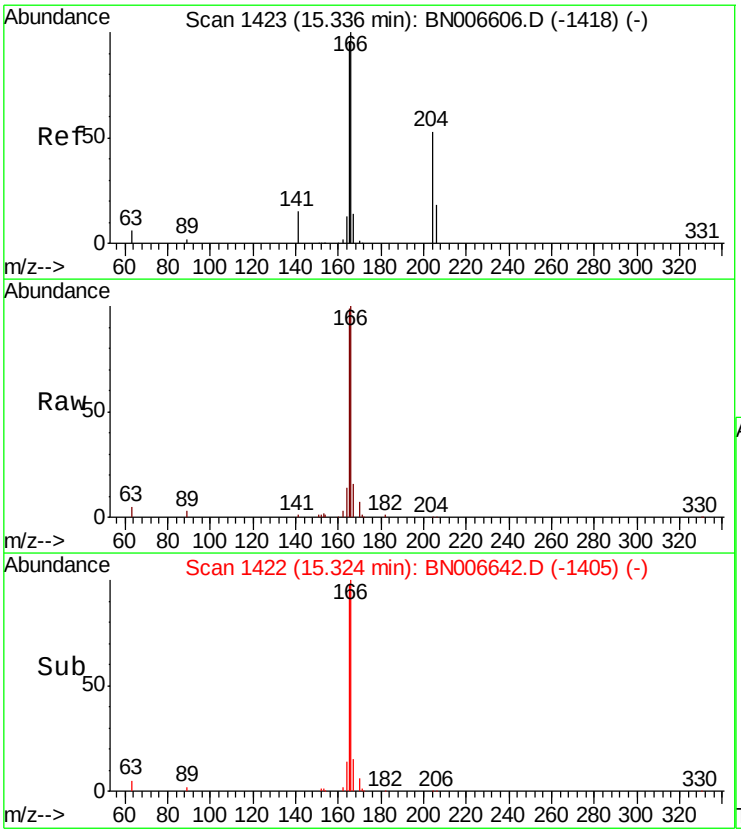
#17
Acenaphthene
Concen: 0.688 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:154 Resp: 28147

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.2	135.4
152	54.9	44.2	66.4

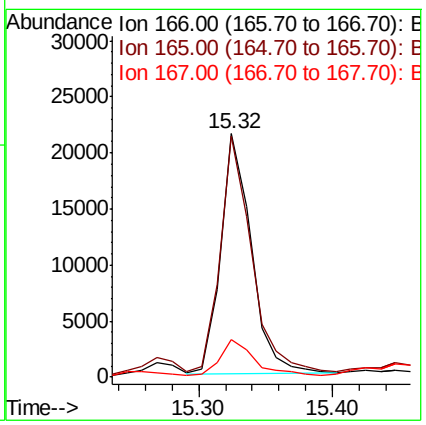


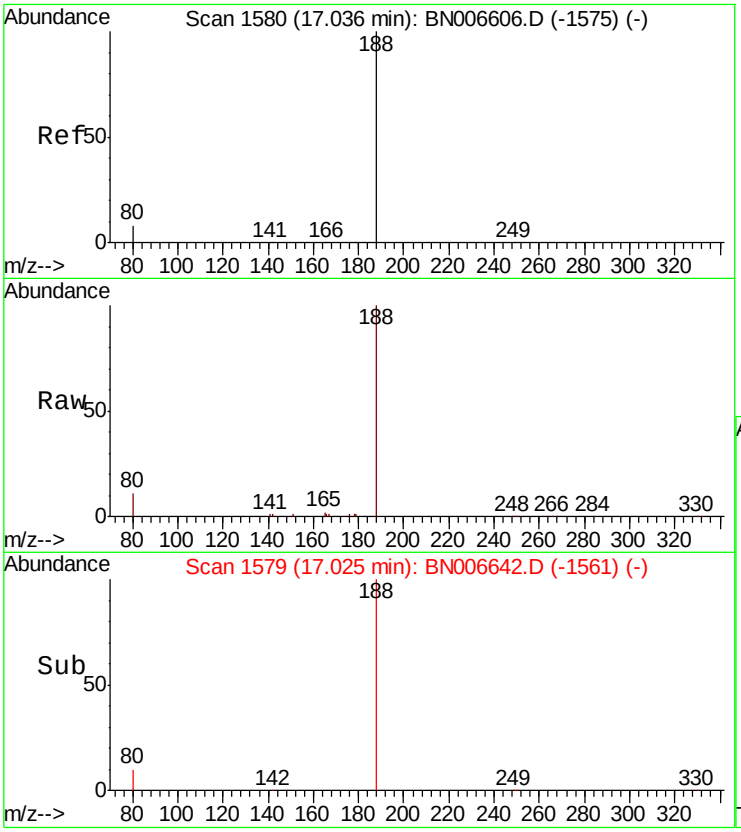


#18
Fluorene
Concen: 0.664 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:166 Resp: 34242

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.4	117.6
167	16.6	10.8	16.2#



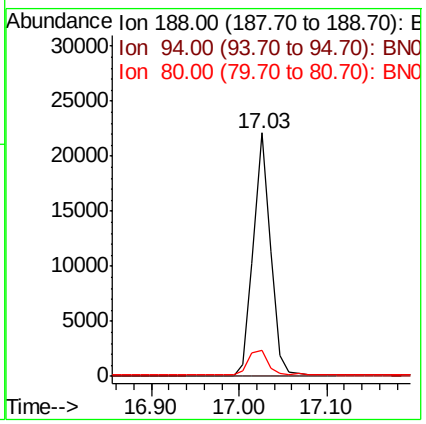


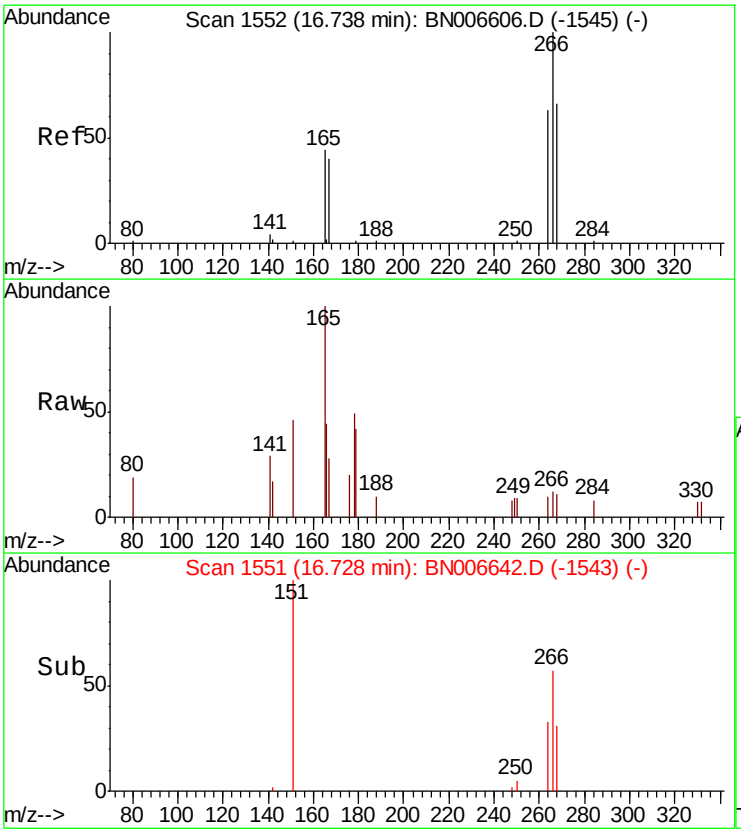
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:188 Resp: 30209

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	7.1	10.7

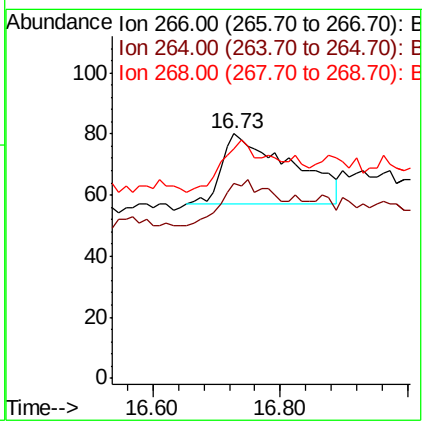


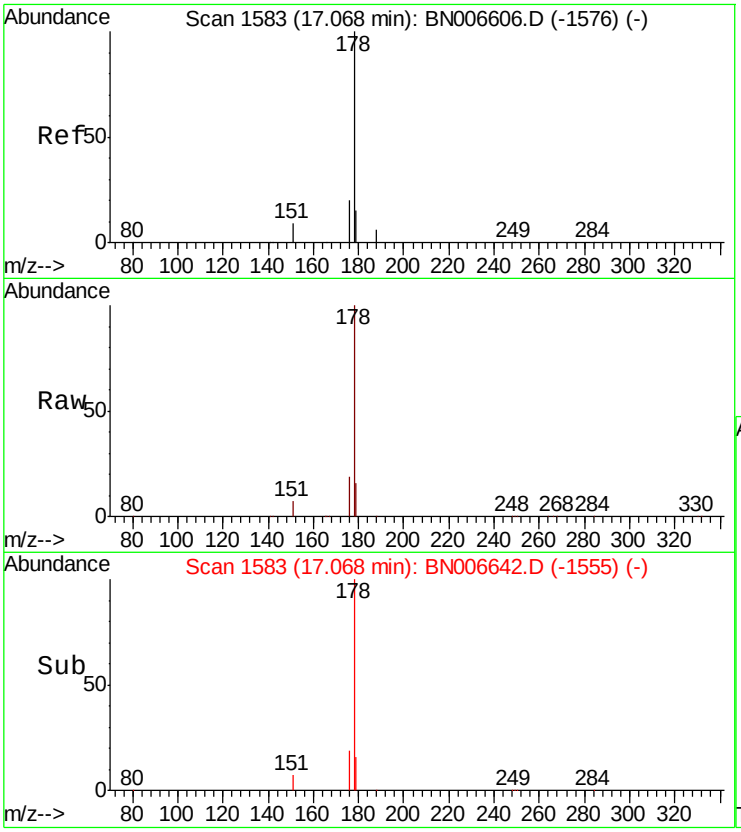


#22
Pentachlorophenol
Concen: 0.228 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:266 Resp: 173

Ion	Ratio	Lower	Upper
266	100		
264	80.0	56.2	84.4
268	93.8	63.0	94.4



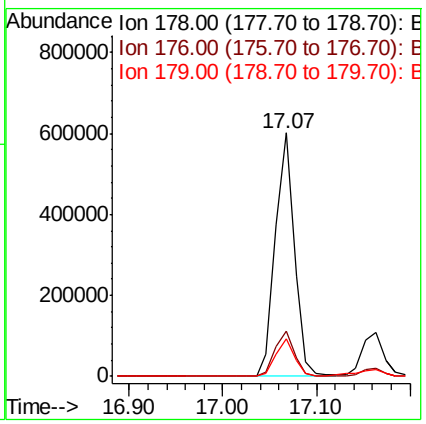


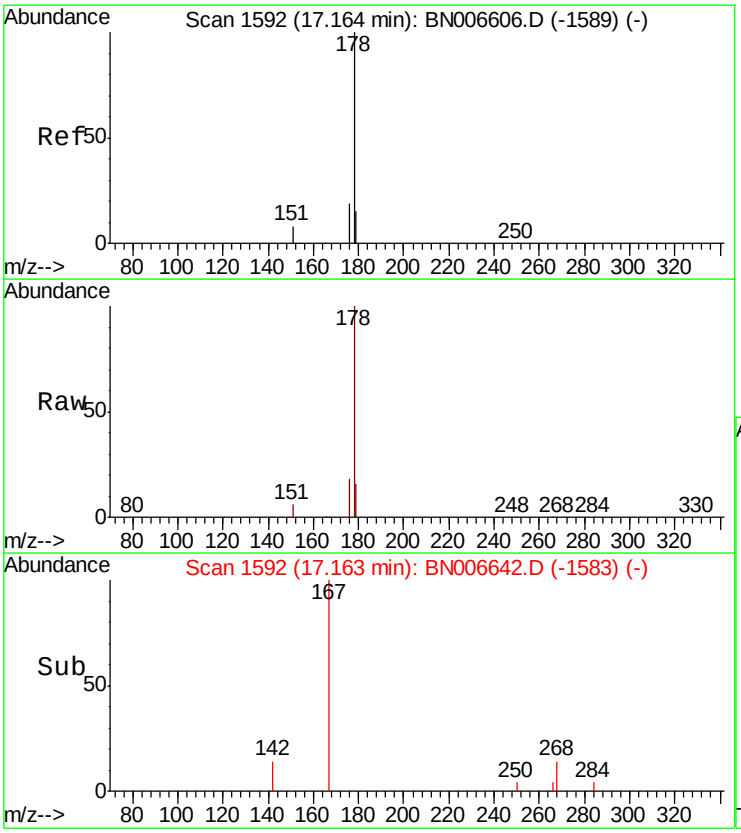
#23
Phenanthrene
Concen: 9.880 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:178 Resp: 848672

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

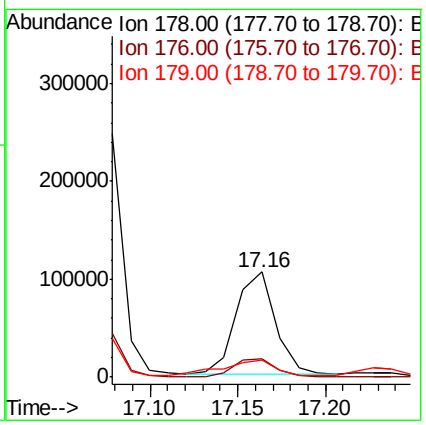


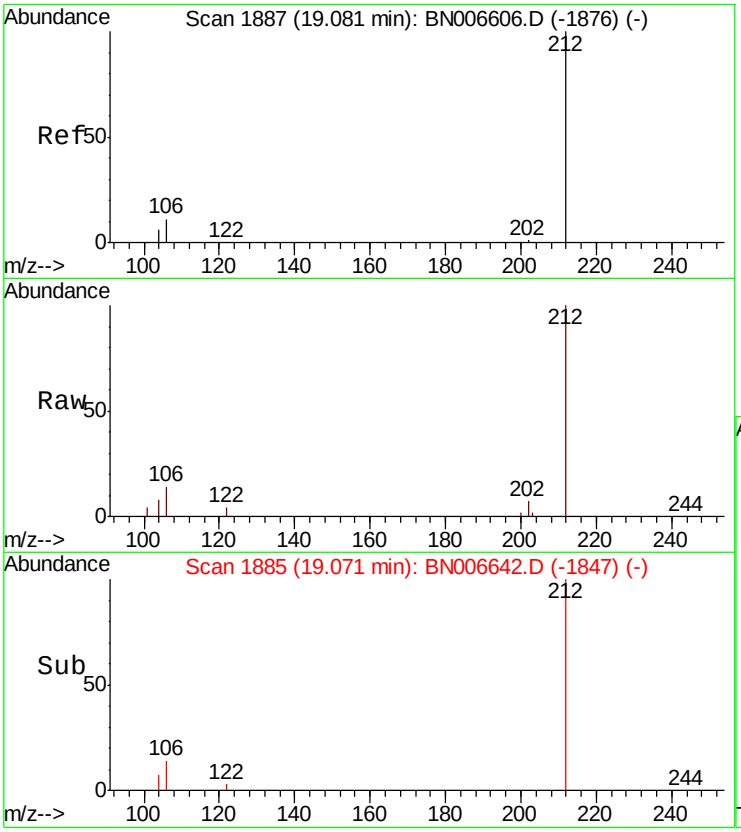


#24
Anthracene
Concen: 2.156 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:178 Resp: 160677

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	21.3	12.2	18.2#



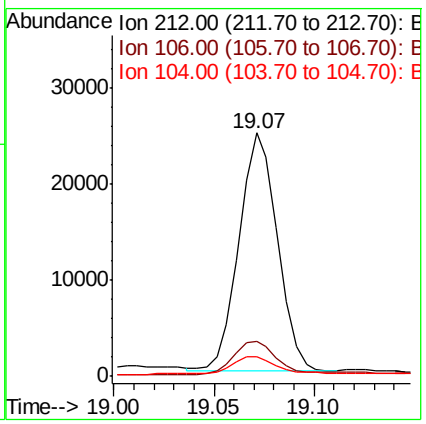


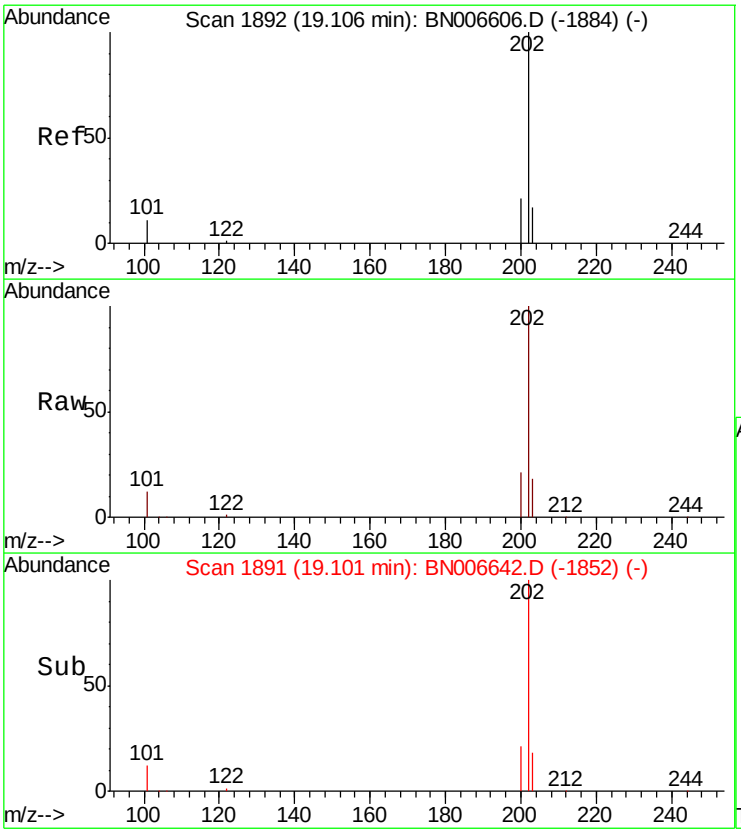
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:212 Resp: 32827

Ion	Ratio	Lower	Upper
212	100		
106	16.5	10.6	15.8#
104	9.8	5.8	8.6#

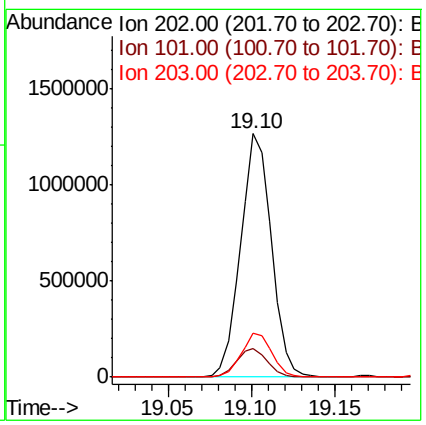


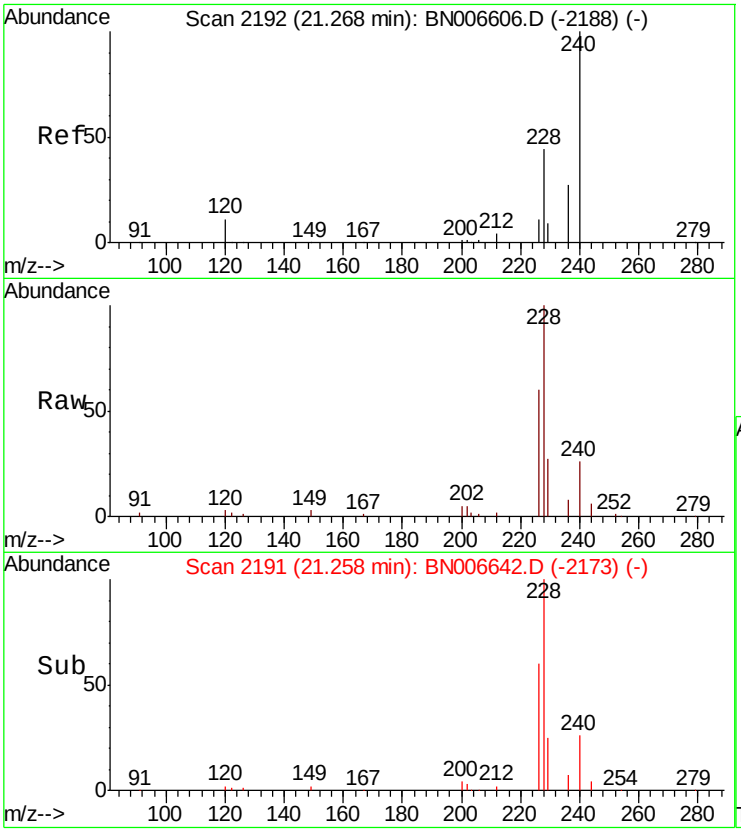


#26
Fluoranthene
Concen: 15.634 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:202 Resp: 1632113

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.9	13.3
203	17.8	13.6	20.4



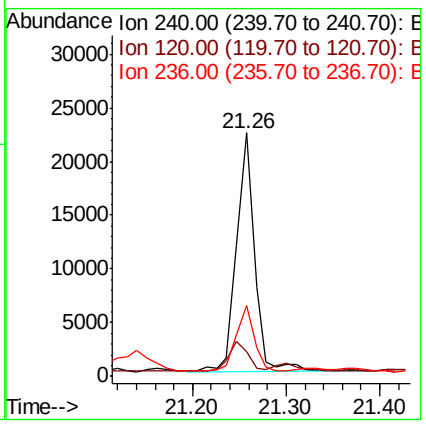


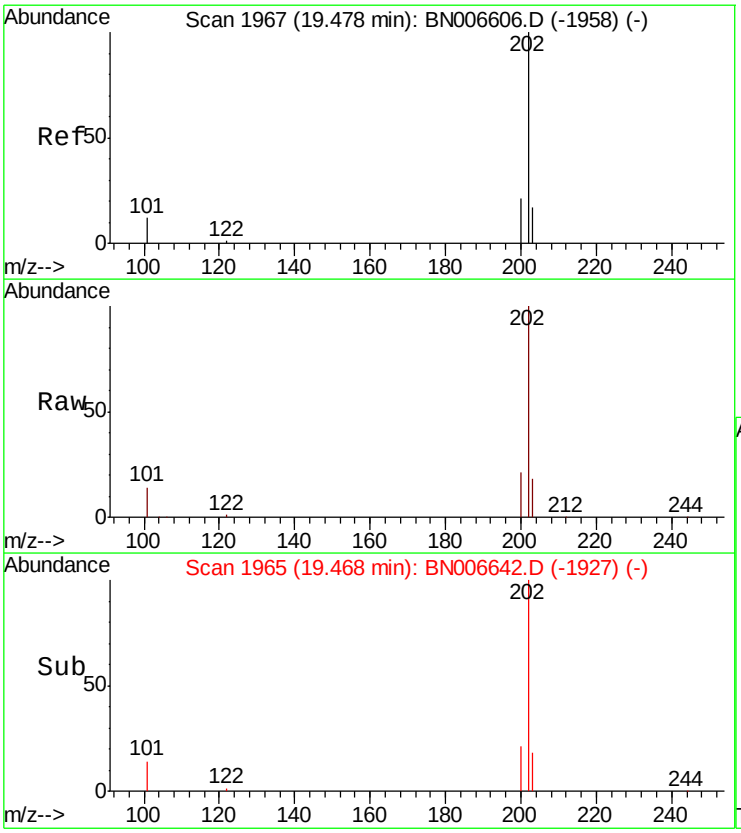
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:240 Resp: 30210

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.9	14.9
236	28.9	22.2	33.4

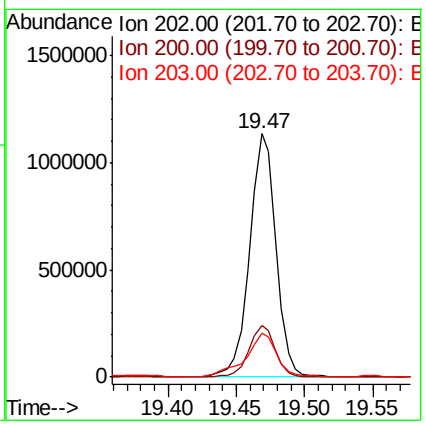


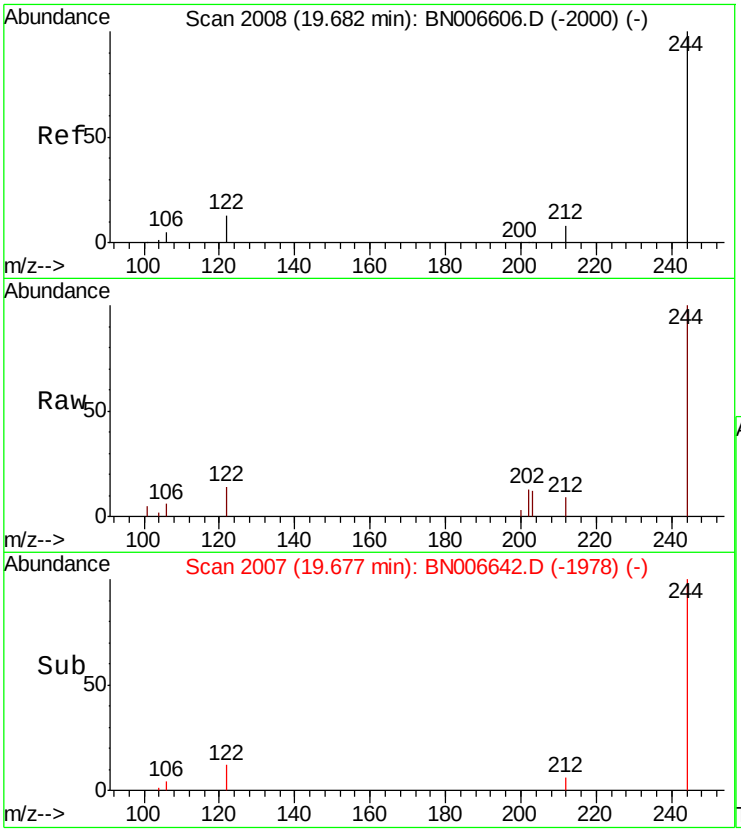


#28
Pyrene
Concen: 14.374 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:202 Resp: 1519412

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	21.4	14.1	21.1#



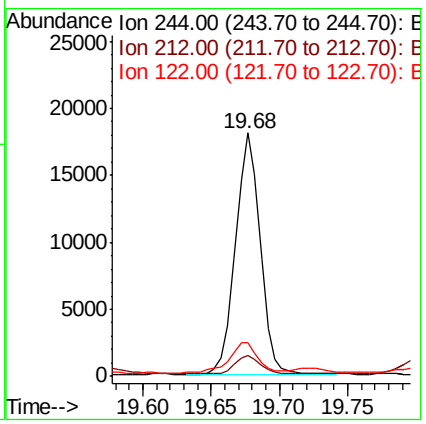


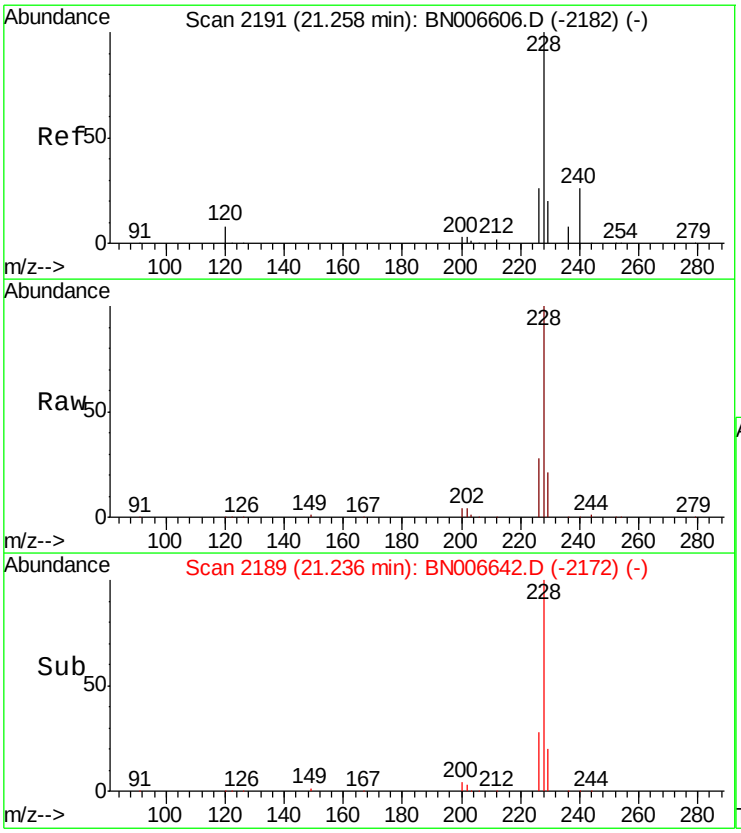
#29
Terphenyl-d14
Concen: 0.359 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:244 Resp: 22702

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.7	10.1
122	14.0	11.0	16.6

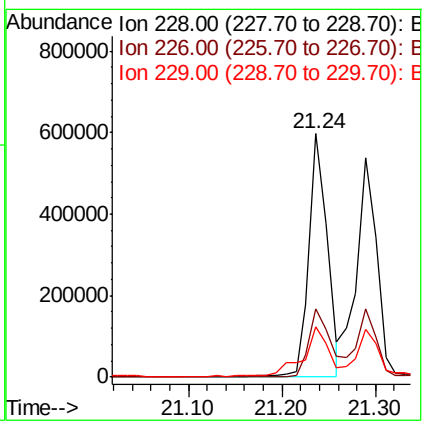


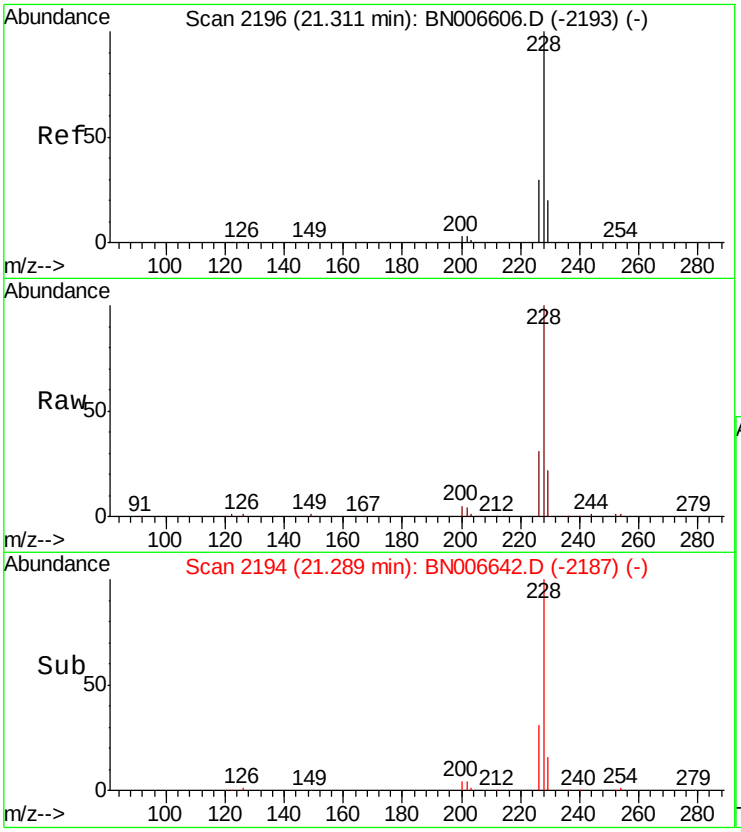


#30
Benzo(a)anthracene
Concen: 8.195 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:228 Resp: 809440

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.2	31.8
229	20.5	16.1	24.1



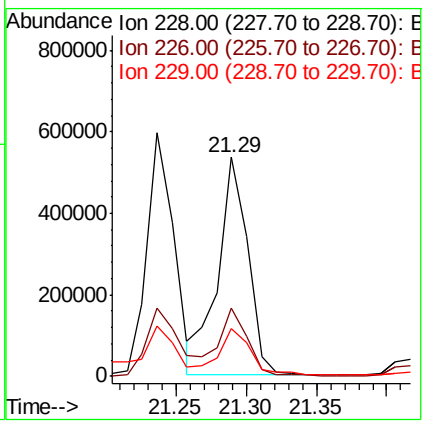


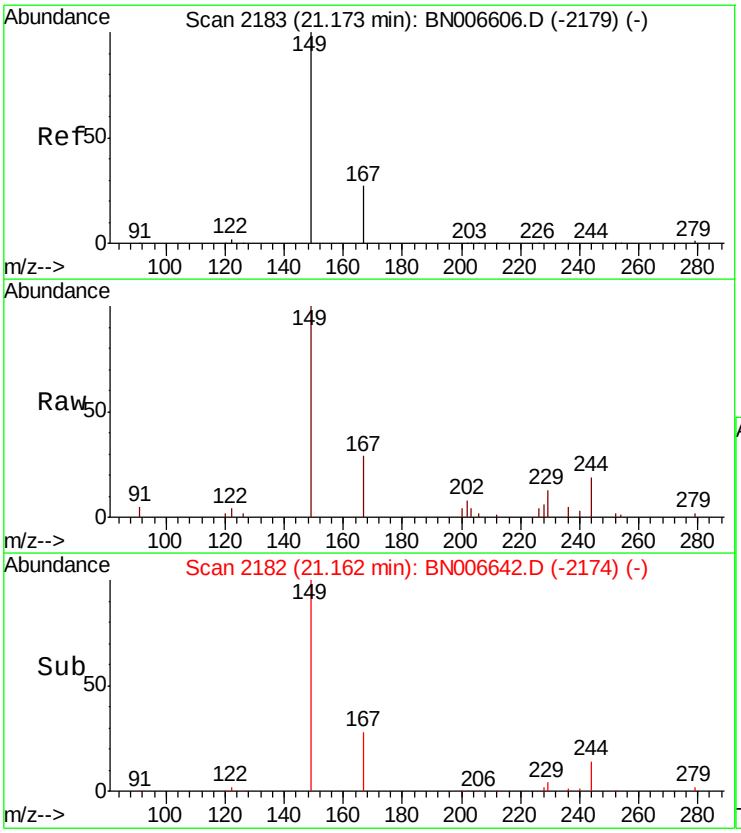
#31
Chrysene
Concen: 7.482 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:228 Resp: 796637

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	21.7	15.9	23.9

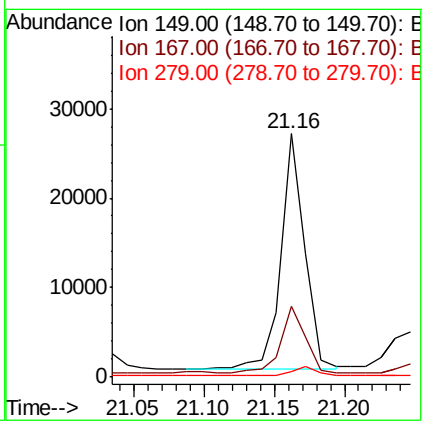


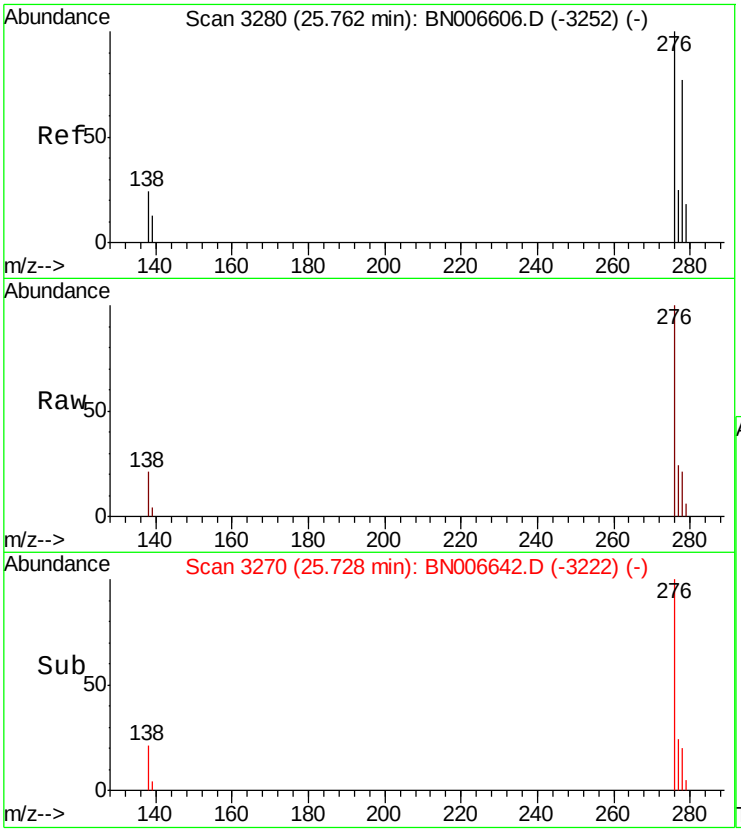


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.623 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:149 Resp: 30979

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	3.9	3.3	4.9



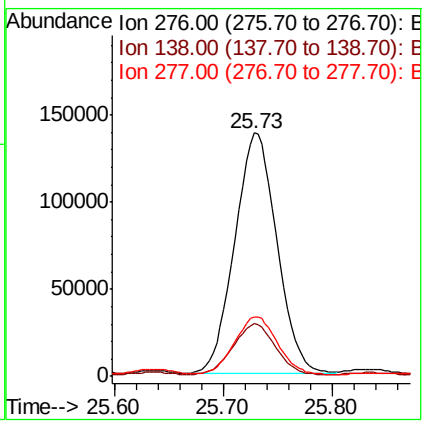


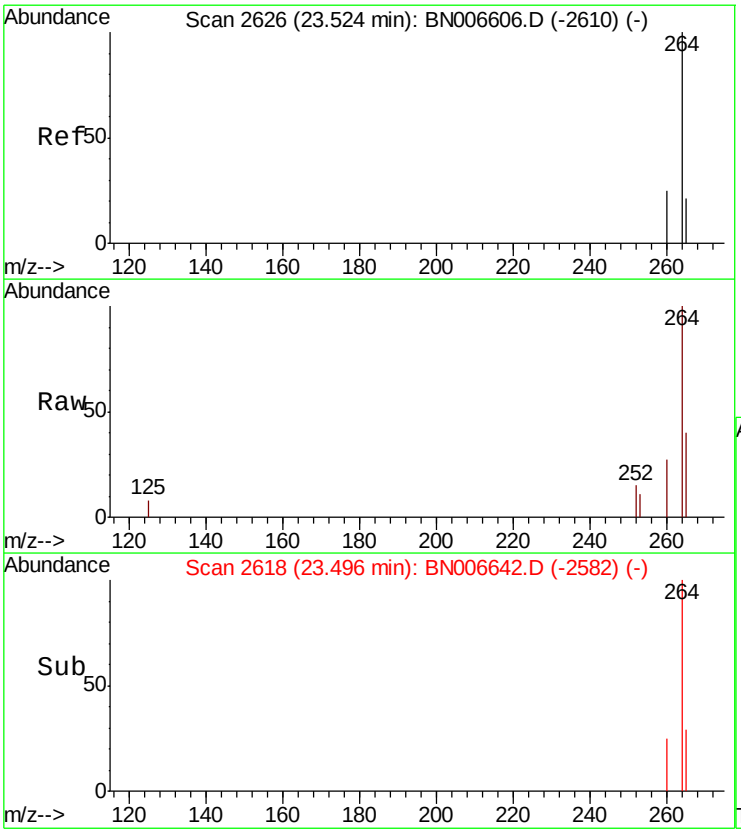
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.457 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.03 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:276 Resp: 372566

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.3	28.9
277	24.2	19.9	29.9

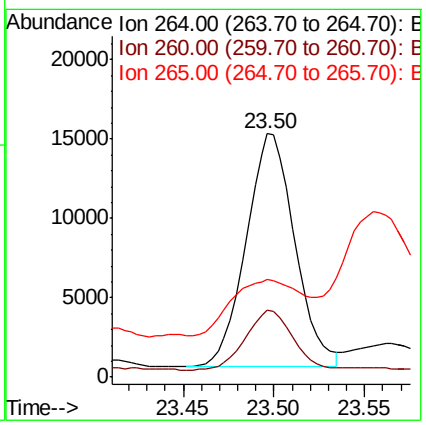


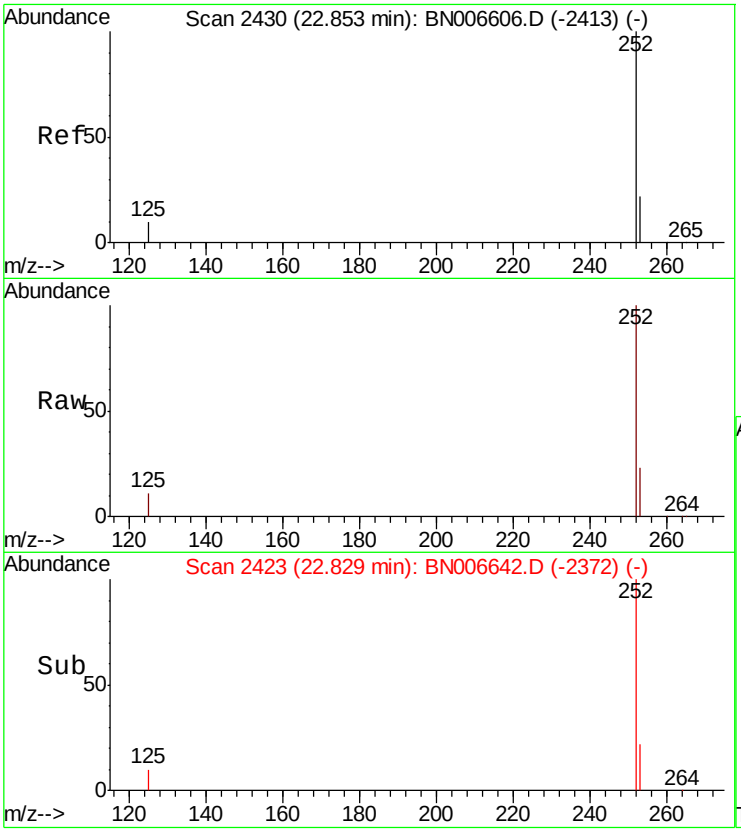


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:264 Resp: 27318

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.2	30.2
265	40.0	23.3	34.9#



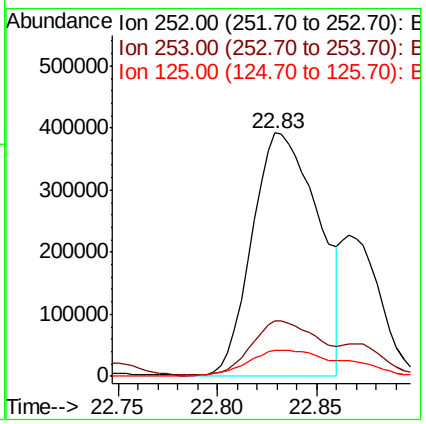


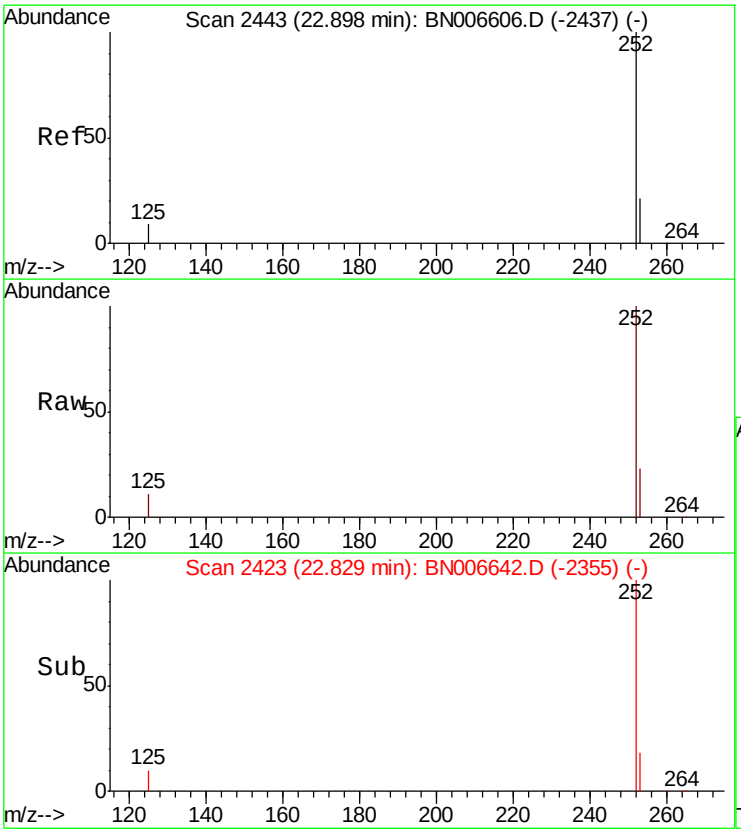
#35
Benzo(b)fluoranthene
Concen: 9.779 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.02 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:252 Resp: 908703

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	10.6	8.7	13.1

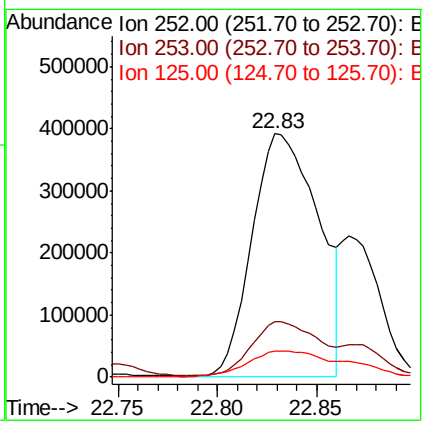


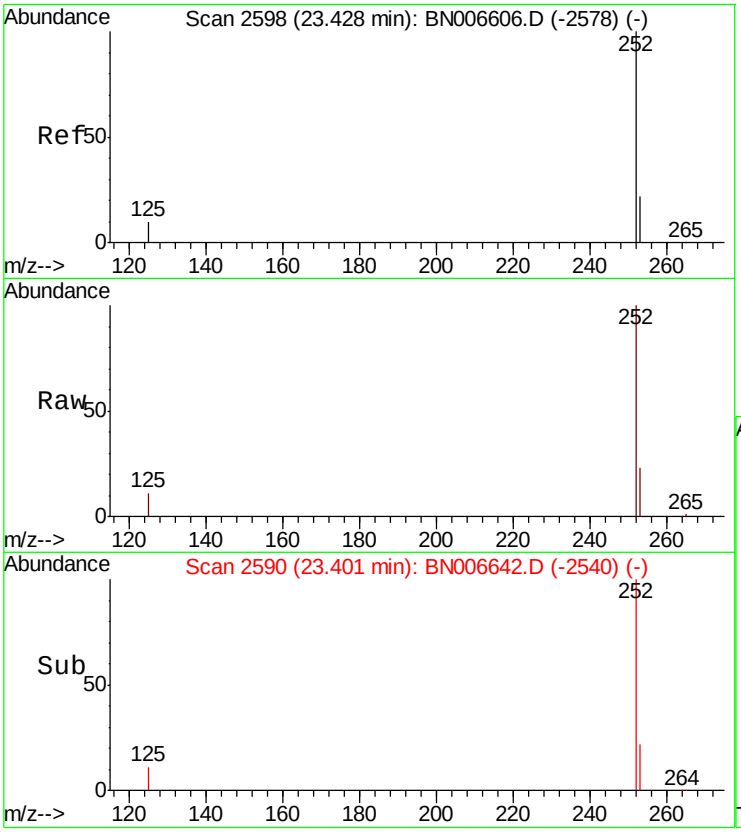


#36
Benzo(k)fluoranthene
Concen: 9.174 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.07 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:252 Resp: 908703

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	10.6	8.4	12.6



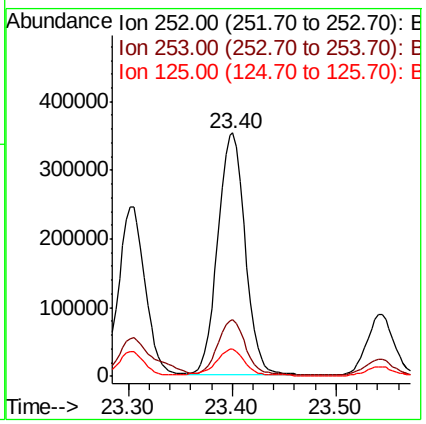


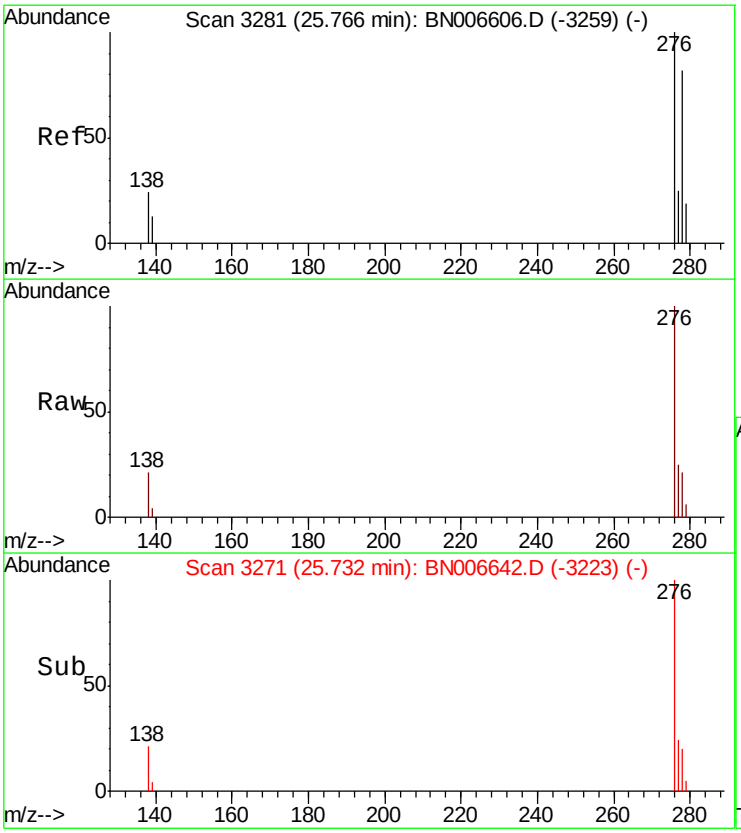
#37
Benzo(a)pyrene
Concen: 7.423 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:252 Resp: 644880

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	11.0	9.4	14.2

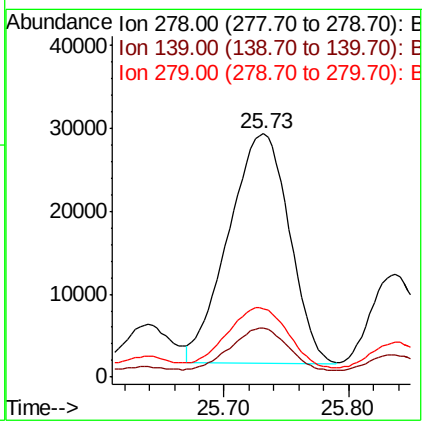


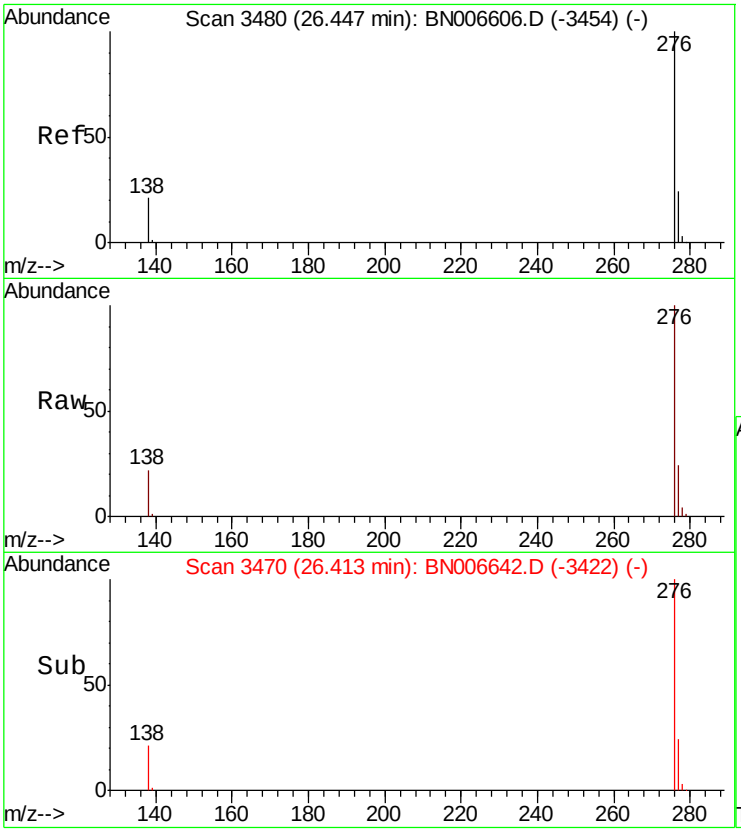


#38
Dibenzo(a,h)anthracene
Concen: 1.241 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.03 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Tgt Ion:278 Resp: 94163

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.5	20.3
279	28.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 4.656 ng
RT: 26.41 min Scan# 3470
Delta R.T. -0.03 min
Lab File: BN006642.D
Acq: 29 Jun 2019 08:32

Instrument :
BNA_N
ClientSampleId :
PST-007-B256-061819

Tgt Ion:276 Resp: 352727

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	21.6	17.7	26.5