Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002205.D
Acq On : 31 Jul 2018 11:34
Operator : JU/SJ
Sample : J4086-02DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : 1550DL

Quant Time: Jul 31 16:02:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3701	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	16209	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	9165	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	19869	0.40	ng		0.00
27) Chrysene-d12	21.27	240	14883	0.40	ng		0.00
34) Perylene-d12	23.49	264	12462	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	240	0.03	ng		0.00
5) Phenol-d6	6.88	99	309	0.03	ng		0.00
8) Nitrobenzene-d5	8.84	82	361	0.03	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	665	0.03	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	132	0.03	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	1102	0.03	ng		0.00
25) Fluoranthene-d10	19.10	212	1579	0.03	ng		0.00
29) Terphenyl-d14	19.71	244	1119	0.04	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.52	128	39162	1.072	ng		97
16) Acenaphthylene	14.03	152	60509	1.545	ng		100
17) Acenaphthene	14.38	154	20515	0.815	ng		97
18) Fluorene	15.37	166	11300	0.365	ng	#	80
22) Pentachlorophenol	16.75	266	33	0.104	ng	#	65
23) Phenanthrene	17.11	178	84648	1.712	ng		99
24) Anthracene	17.20	178	25268	0.618	ng		96
26) Fluoranthene	19.14	202	15854	0.295	ng		98
28) Pyrene	19.50	202	23601	0.536	ng		99
30) Benzo(a)anthracene	21.25	228	21386	0.571	ng		97
31) Chrysene	21.30	228	21077	0.503	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2041	0.119	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.72	276	18840	0.477	ng		97
35) Benzo(b)fluoranthene	22.83	252	31341	0.855	ng	#	90
36) Benzo(k)fluoranthene	22.83	252	31341	0.824	ng		93
37) Benzo(a)pyrene	23.40	252	6803	0.205	ng	#	80
38) Dibenzo(a,h)anthracene	25.73	278	22615	0.700	ng	#	95
39) Benzo(g,h,i)perylene	26.40	276	23103	0.700	ng	#	92

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

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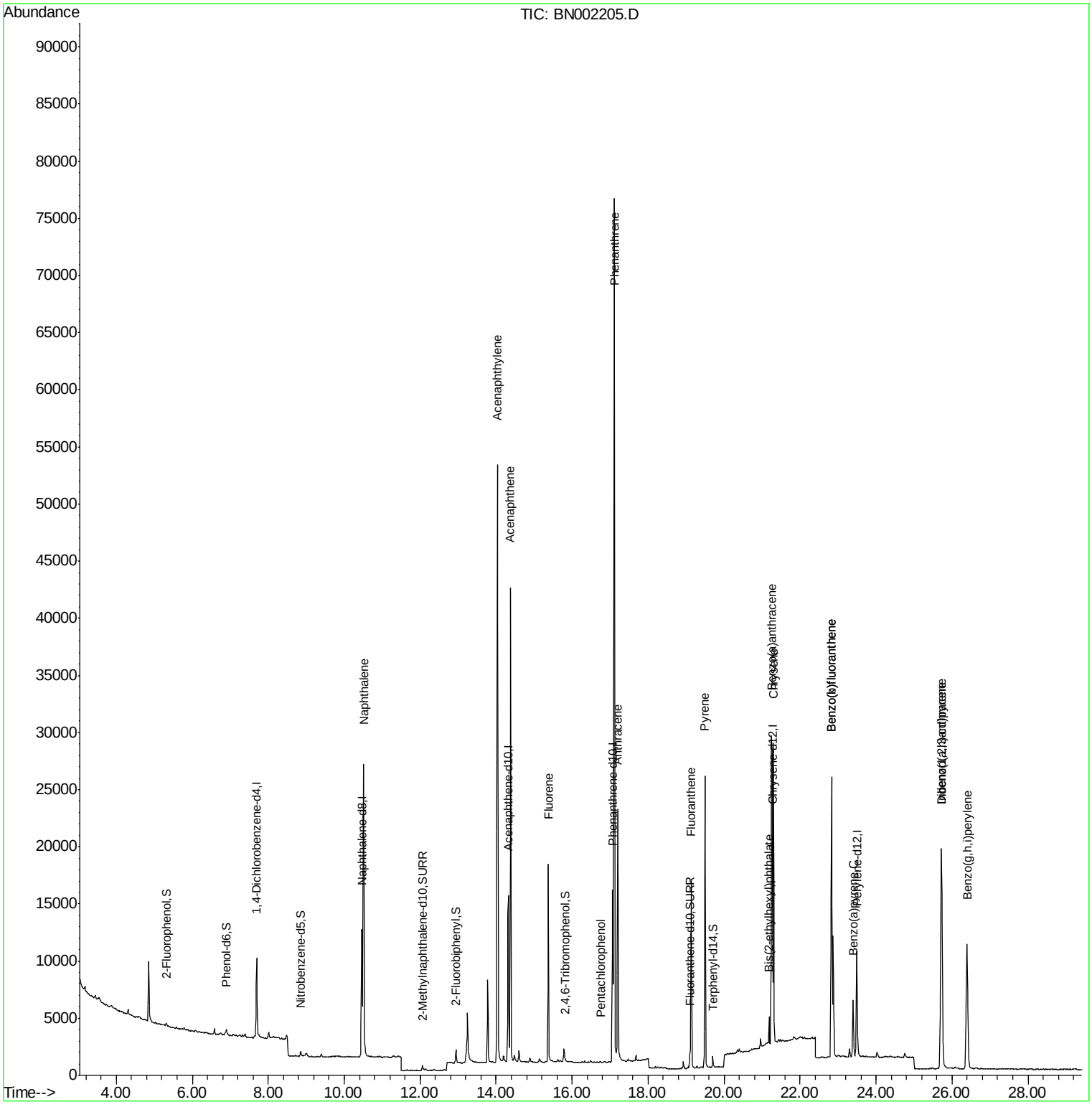
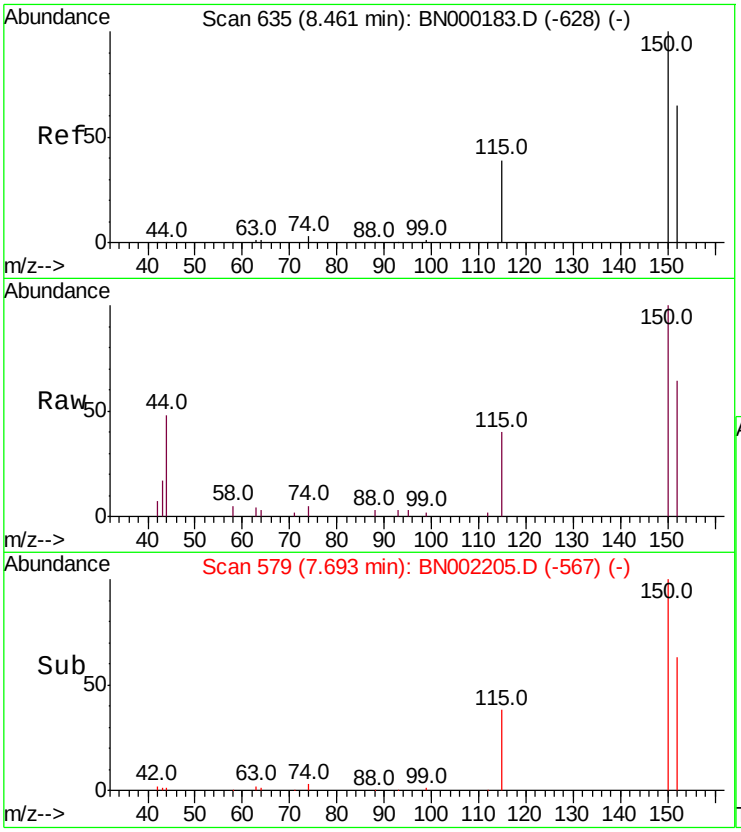


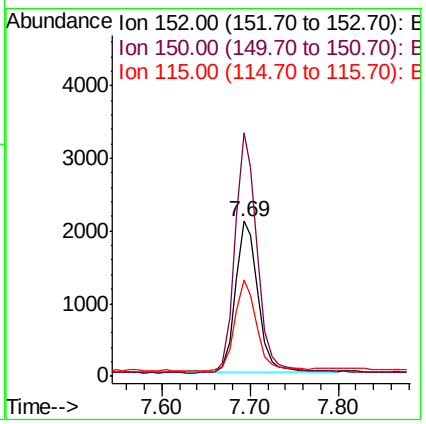


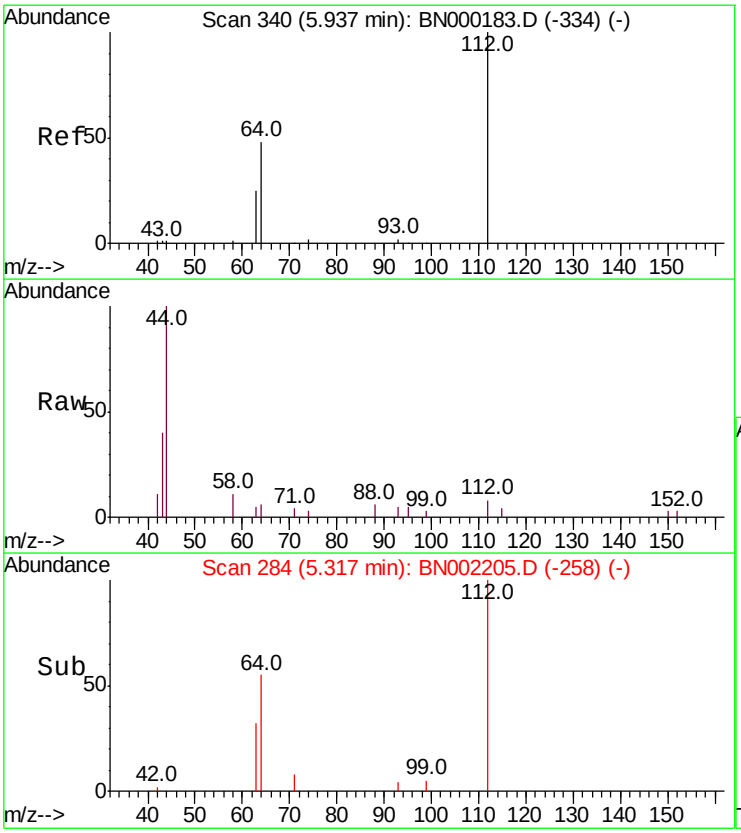
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:152 Resp: 3701

Ion	Ratio	Lower	Upper
152	100		
150	157.3	117.2	175.8
115	62.5	57.0	85.6

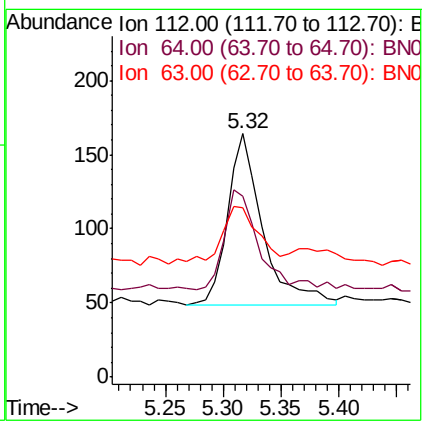


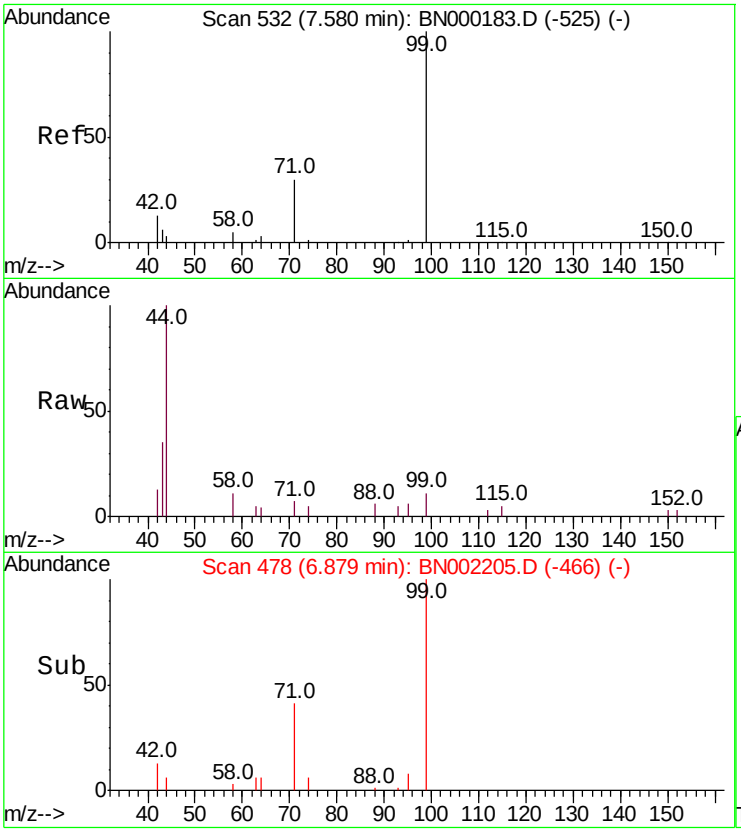


#4
2-Fluorophenol
Concen: 0.028 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:112 Resp: 240

Ion	Ratio	Lower	Upper
112	100		
64	59.6	60.1	90.1#
63	36.3	116.8	175.2#



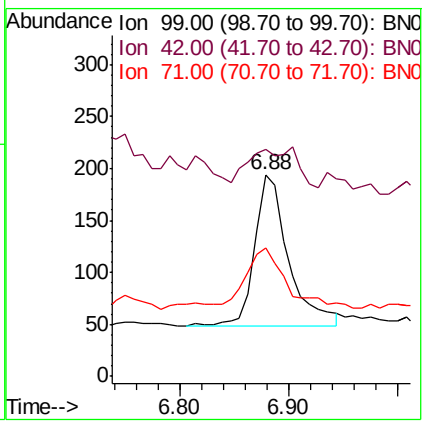


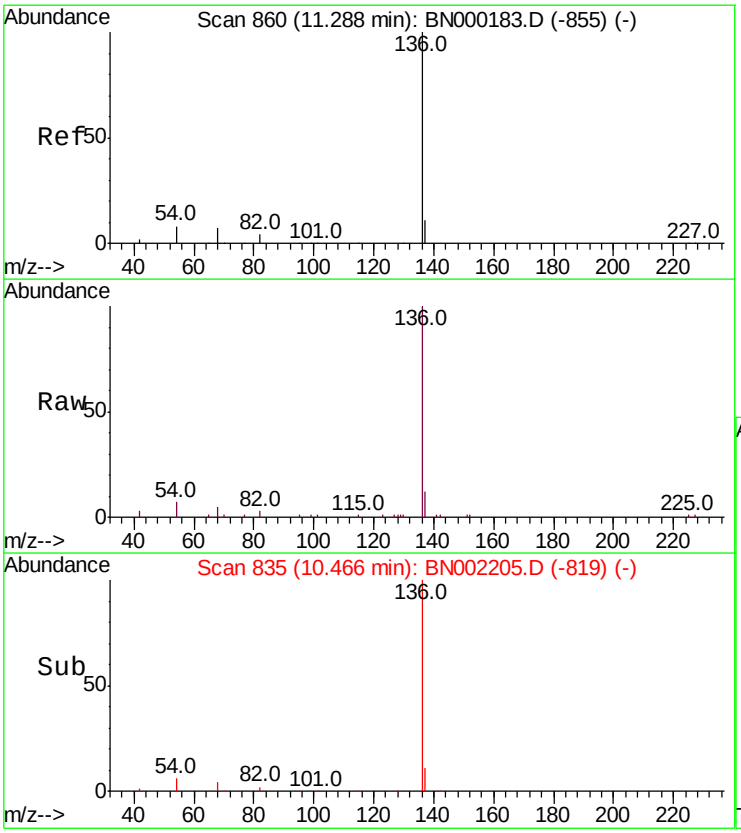
#5
Phenol-d6
Concen: 0.029 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion: 99 Resp: 309

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	38.8	28.4	42.6

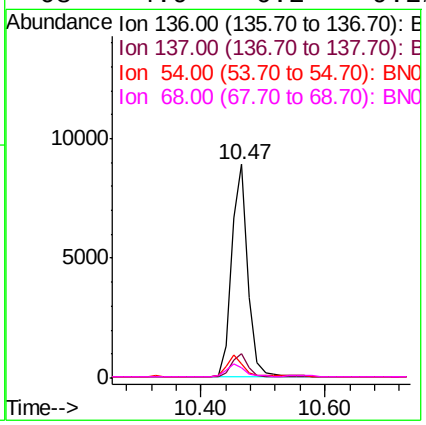


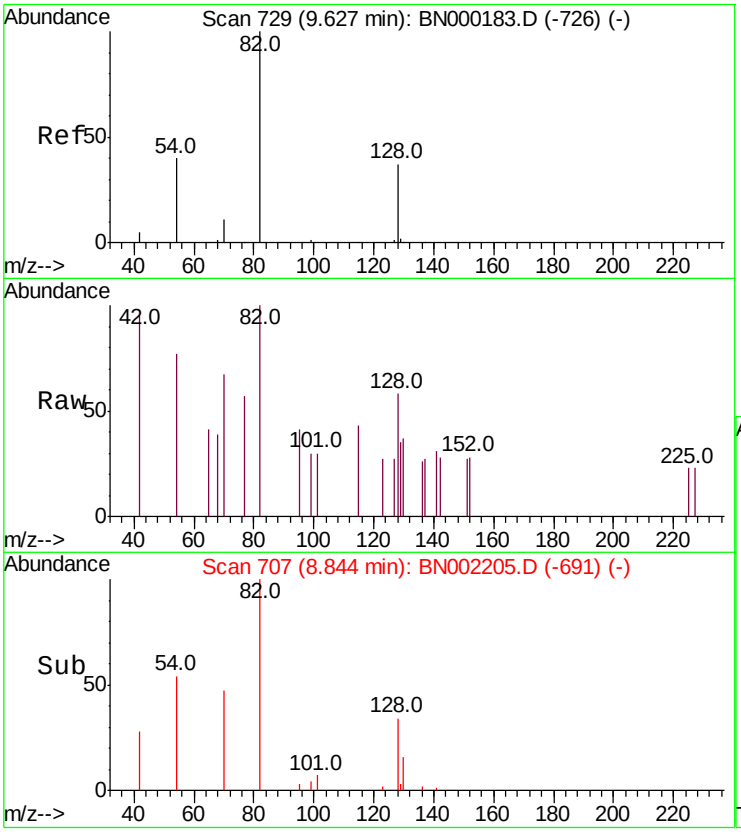


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:136 Resp: 16209

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	6.6	29.1	43.7#
68	4.9	6.2	9.2#



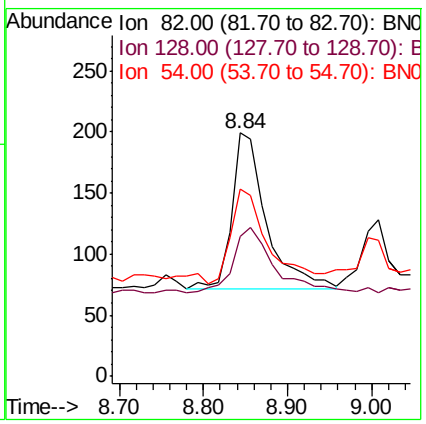


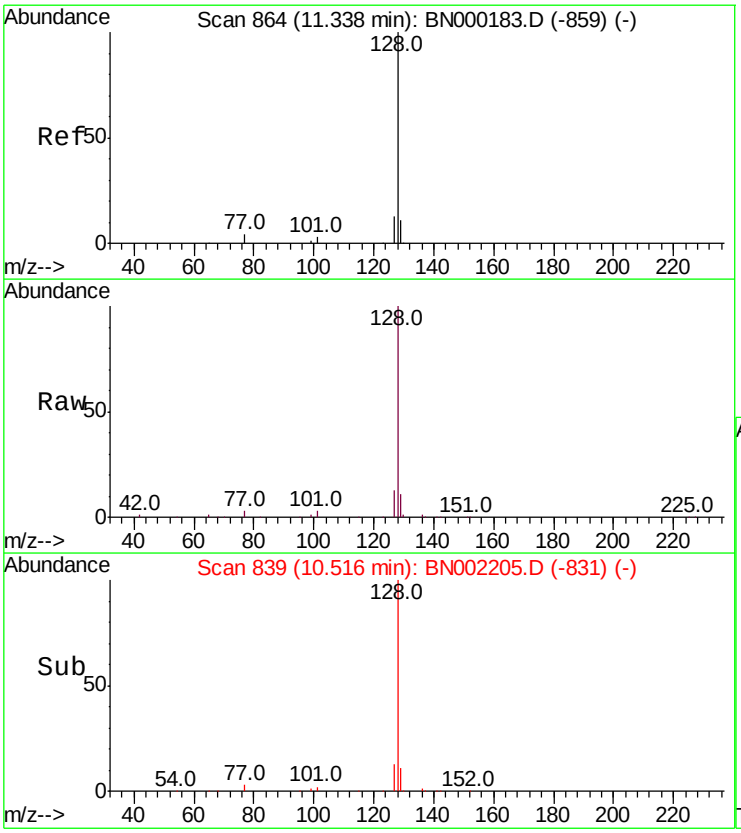
#8
Nitrobenzene-d5
Concen: 0.030 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion: 82 Resp: 361

Ion	Ratio	Lower	Upper
82	100		
128	57.8	150.0	225.0#
54	76.9	154.2	231.4#

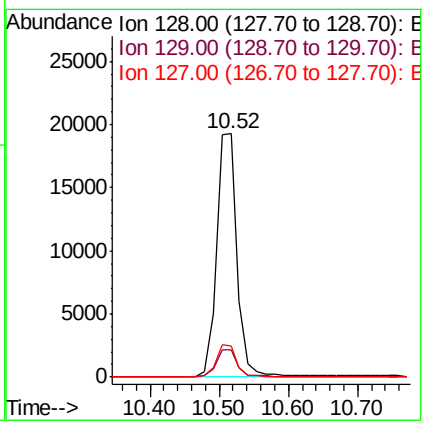


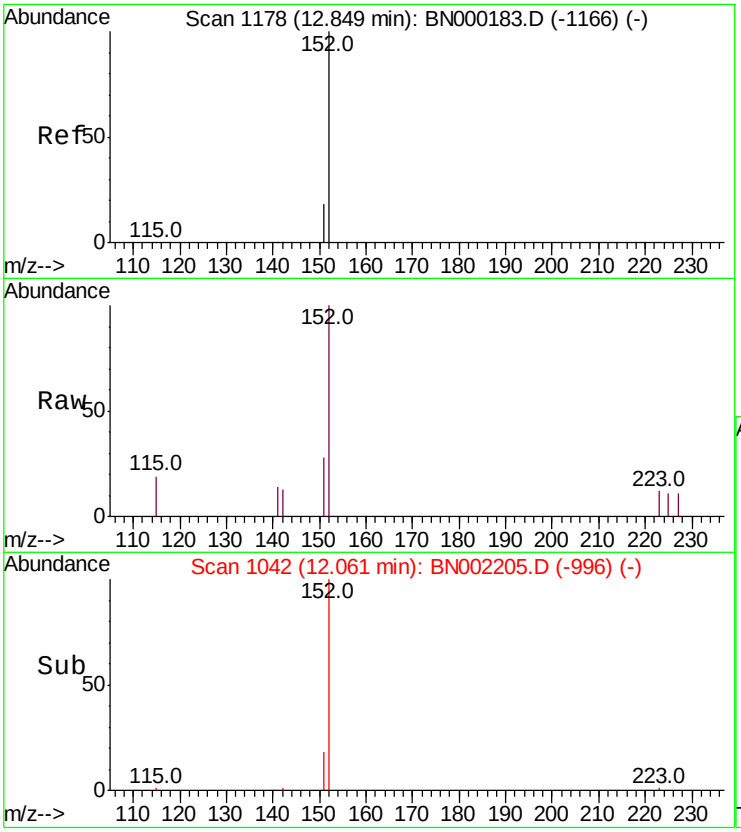


#9
Naphthalene
Concen: 1.072 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:128 Resp: 39162

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.0	12.0
127	13.0	9.6	14.4



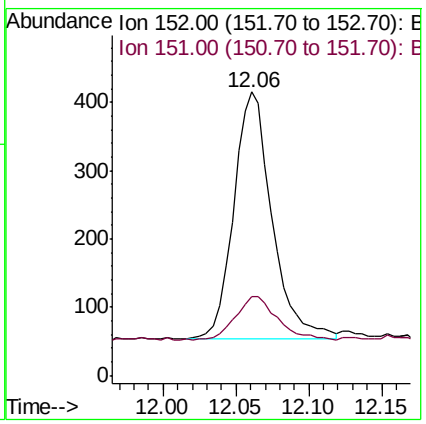


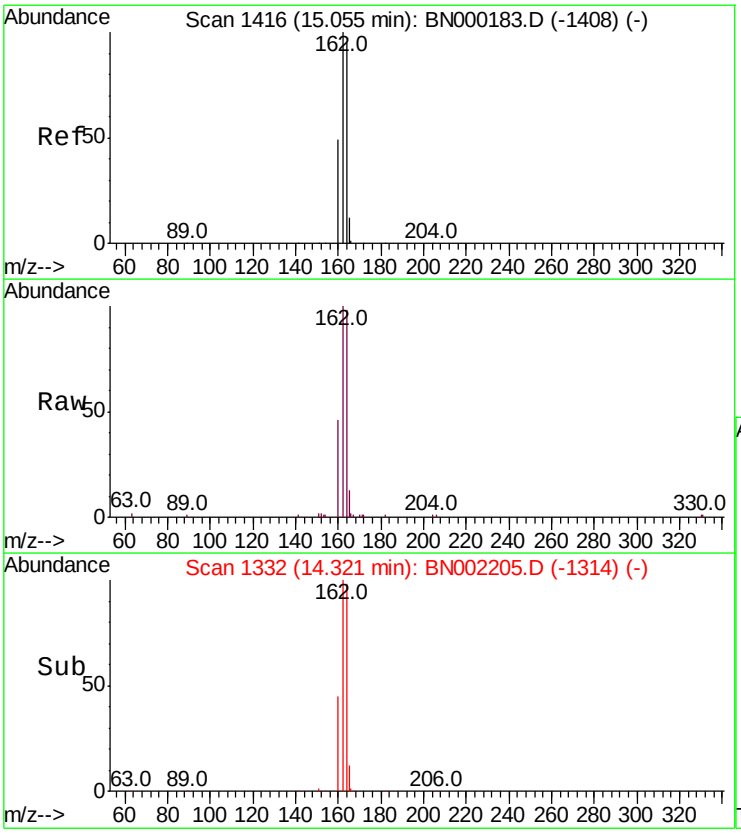
#11
2-Methylnaphthalene-d10
Concen: 0.028 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:152 Resp: 665

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

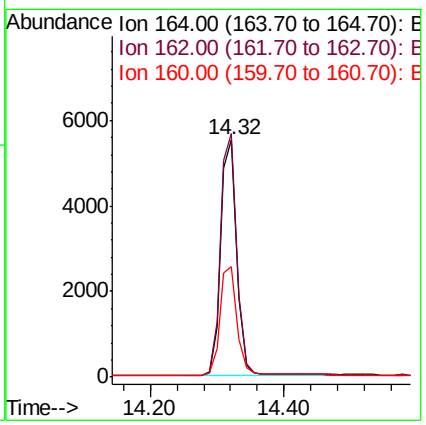


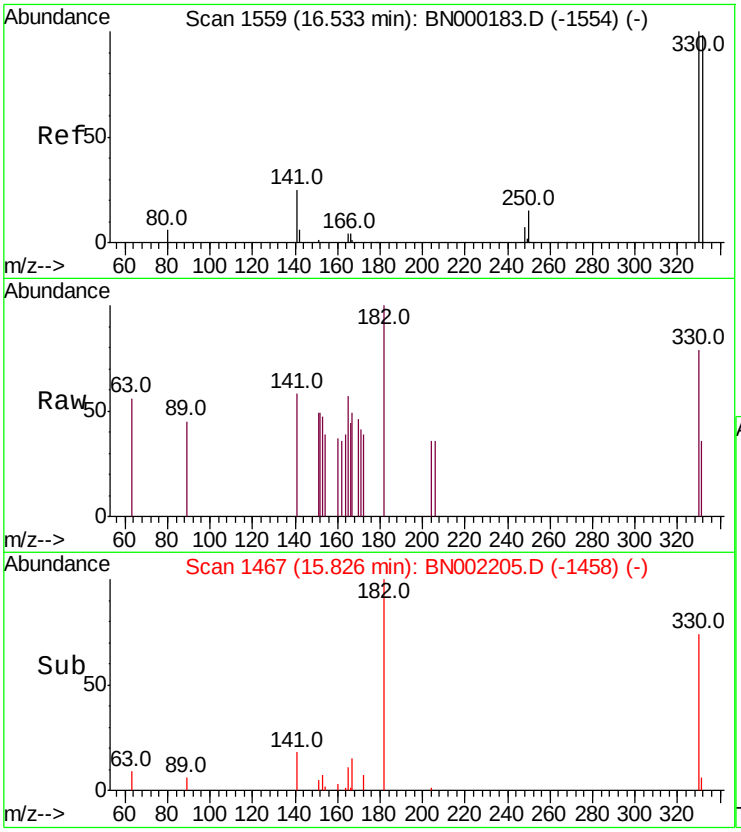


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:164 Resp: 9165

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.1	124.7
160	46.7	37.1	55.7



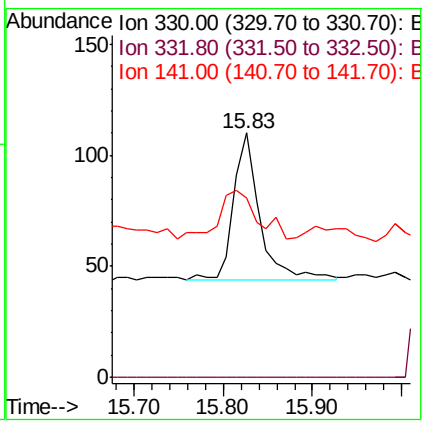


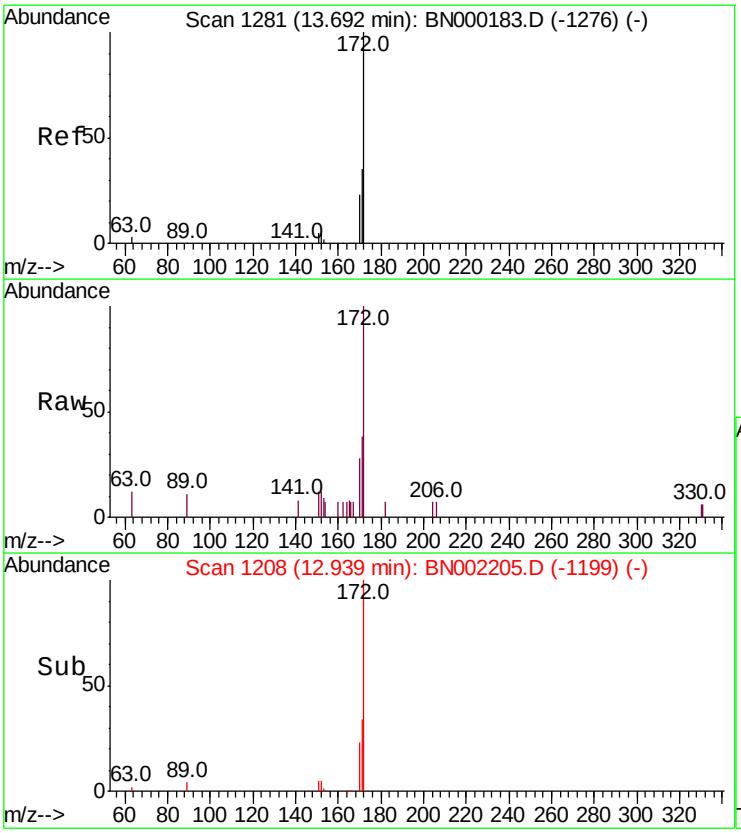
#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:330 Resp: 132

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	53.8	33.7	50.5#

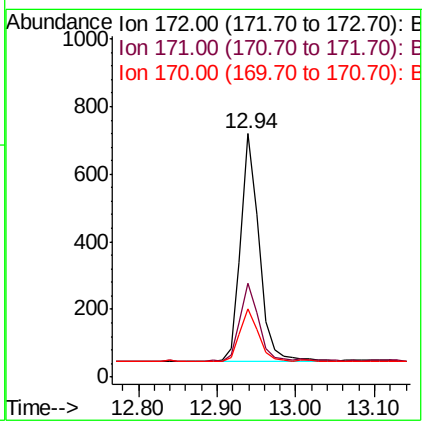


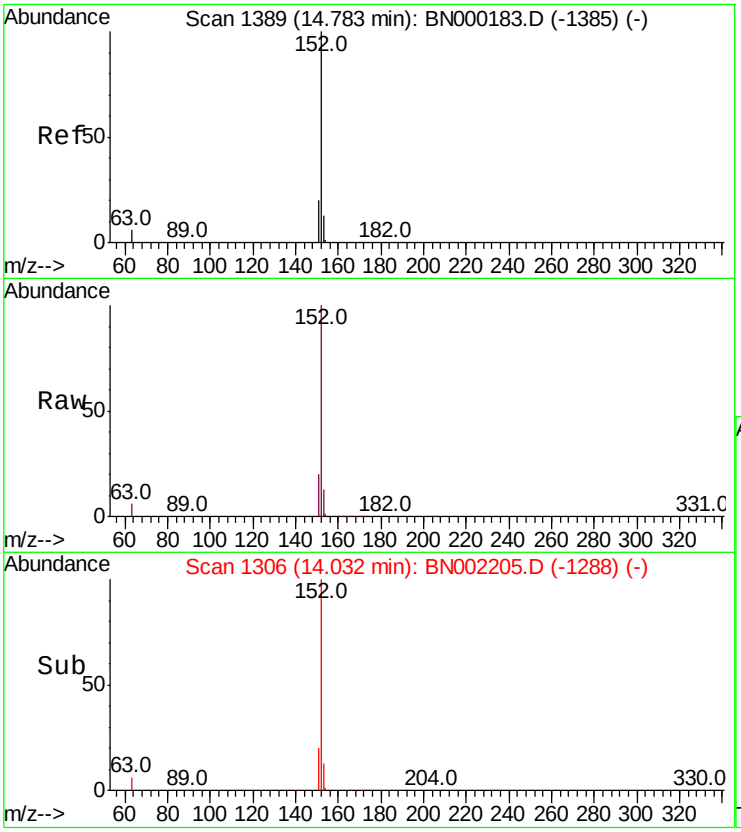


#15
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:172 Resp: 1102

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.9	44.9
170	27.9	21.8	32.8



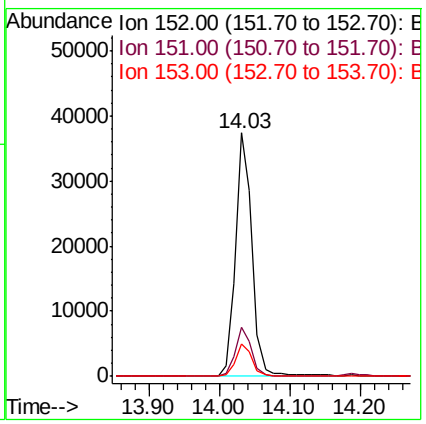


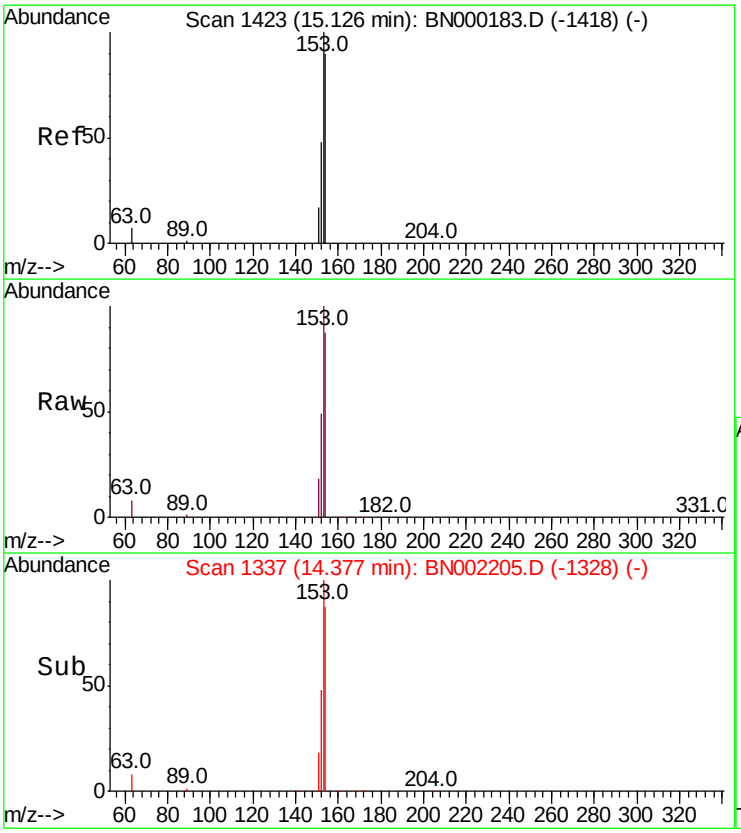
#16
Acenaphthylene
Concen: 1.545 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:152 Resp: 60509

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.5	15.7

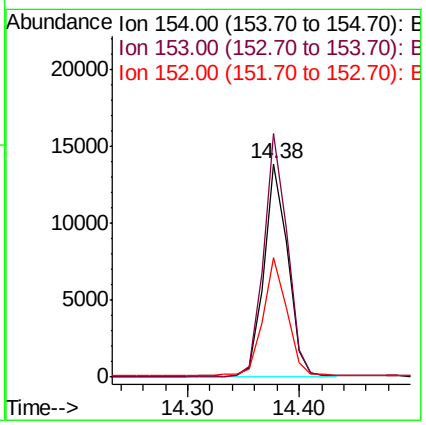


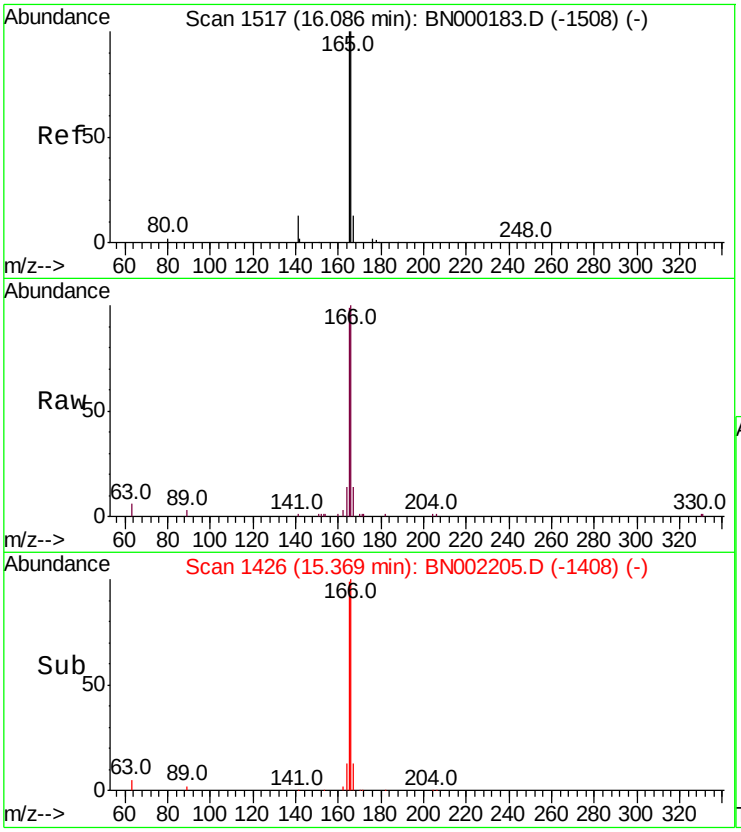


#17
Acenaphthene
Concen: 0.815 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:154 Resp: 20515

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.2	133.8
152	55.5	42.0	63.0



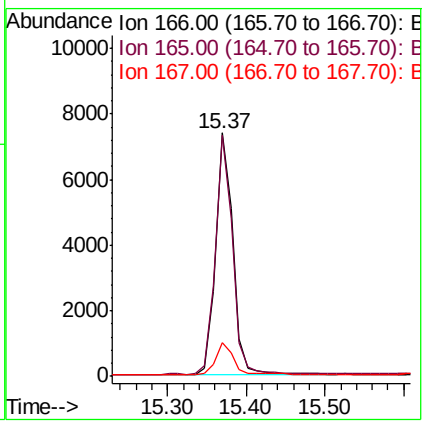


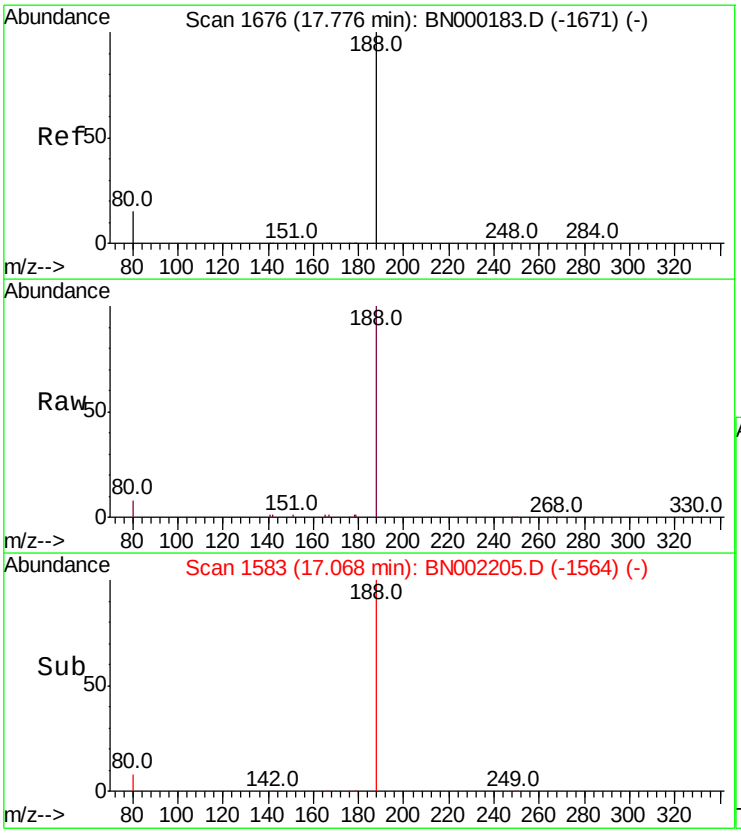
#18
Fluorene
Concen: 0.365 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:166 Resp: 11300

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.6
167	14.0	42.4	63.6#

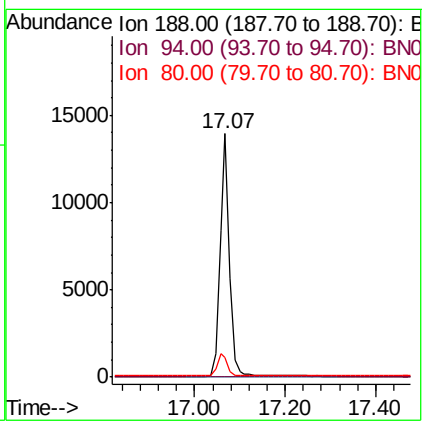


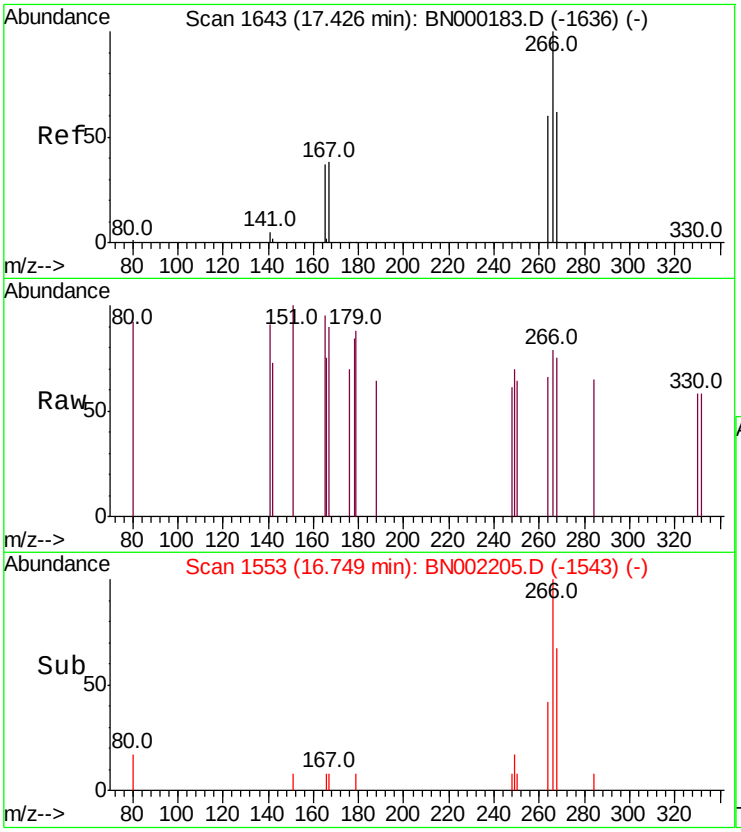


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:188 Resp: 19869

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#



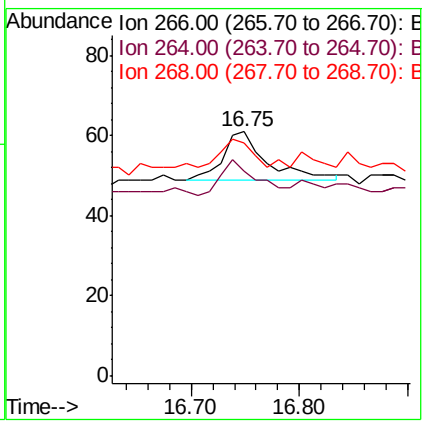


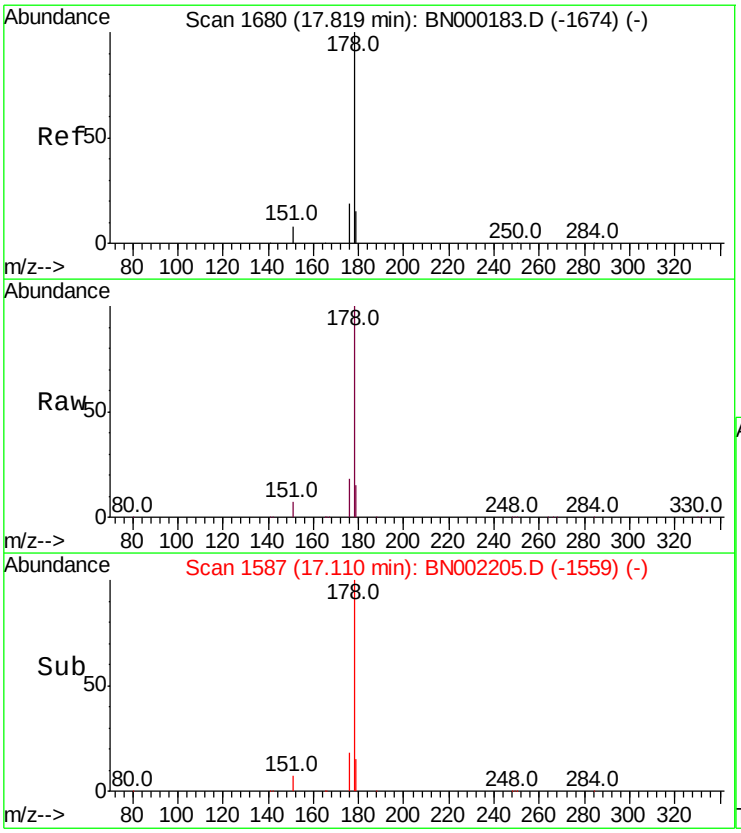
#22
Pentachlorophenol
Concen: 0.104 ng
RT: 16.75 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	83.6	48.0	72.0#
268	95.1	52.0	78.0#

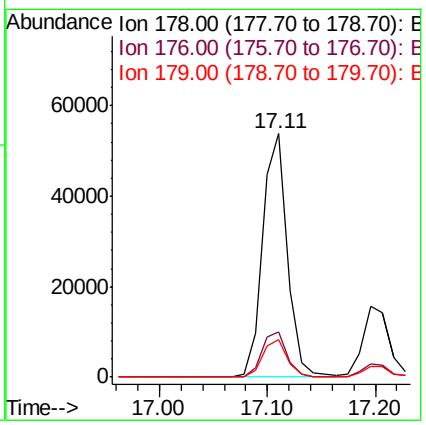


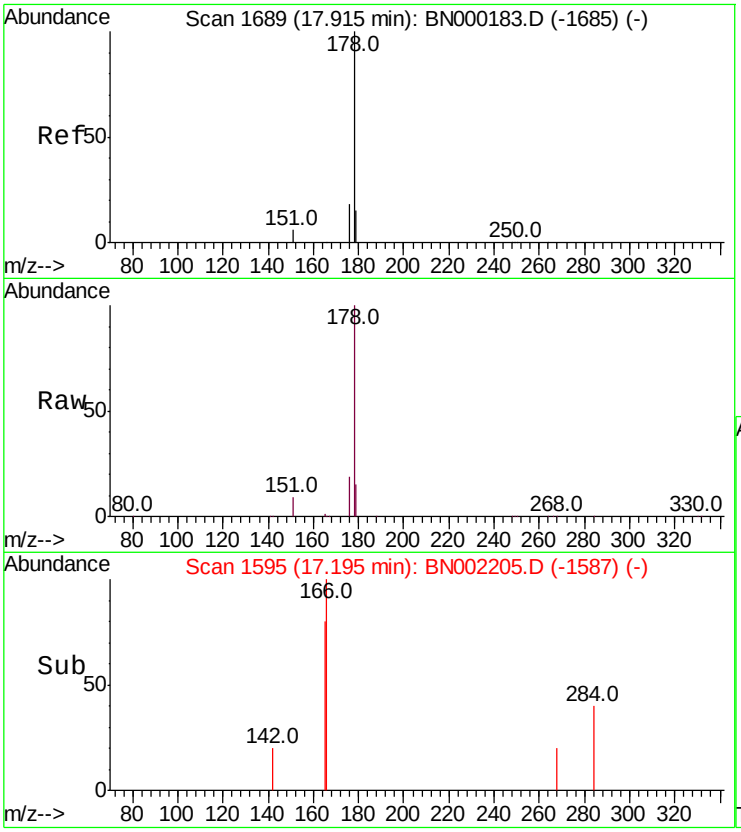


#23
Phenanthrene
Concen: 1.712 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:178 Resp: 84648

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	11.8	17.6



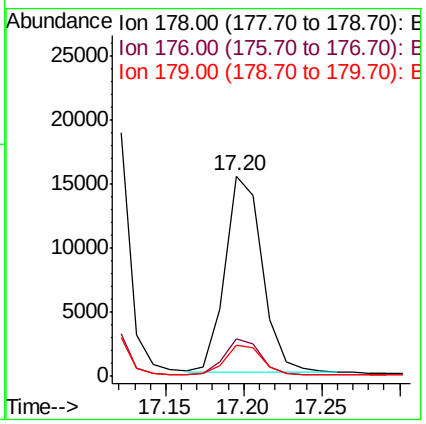


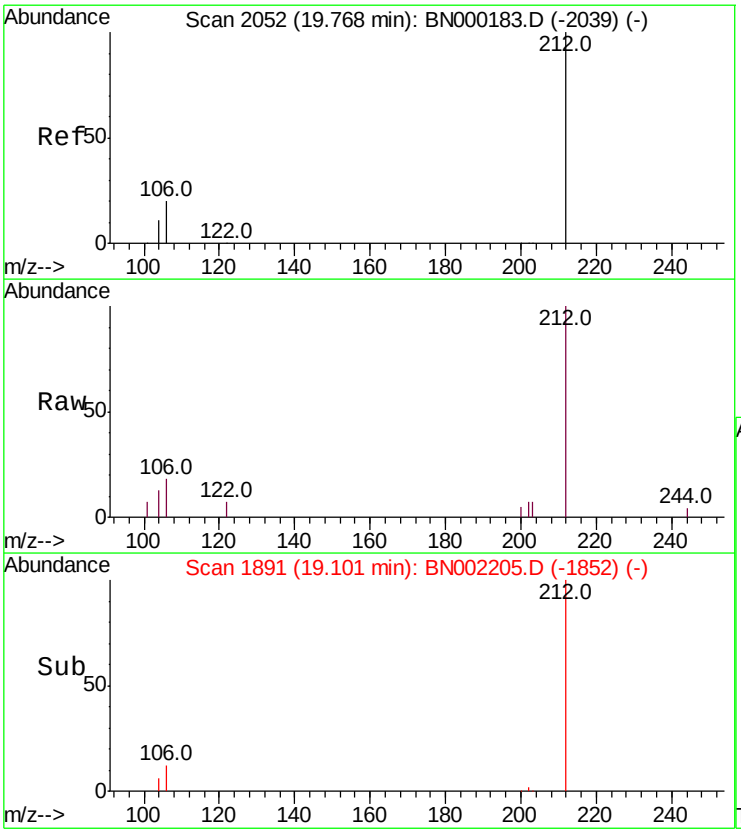
#24
Anthracene
Concen: 0.618 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:178 Resp: 25268

Ion	Ratio	Lower	Upper
178	100		
176	18.1	12.8	19.2
179	15.2	13.0	19.6

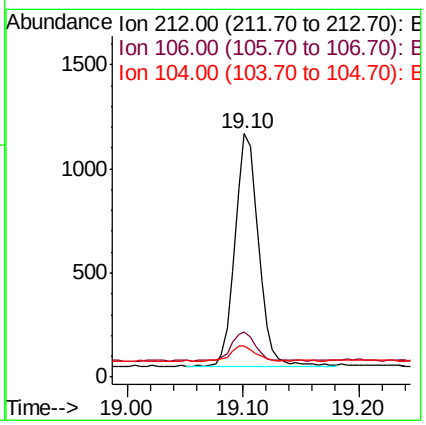


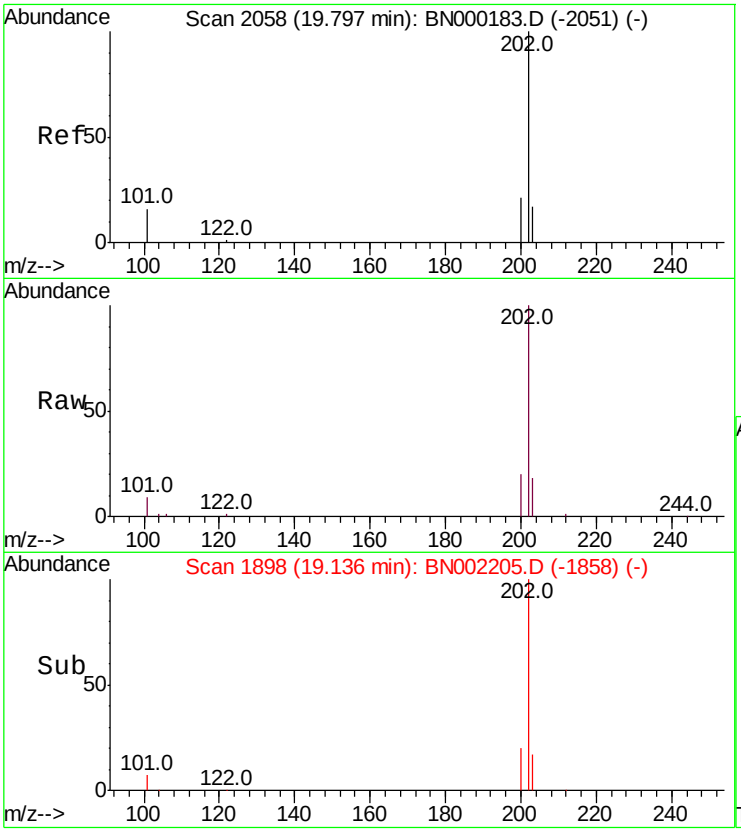


#25
Fluoranthene-d10
Concen: 0.032 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:212 Resp: 1579

Ion	Ratio	Lower	Upper
212	100		
106	13.4	2.8	4.2#
104	7.2	1.6	2.4#



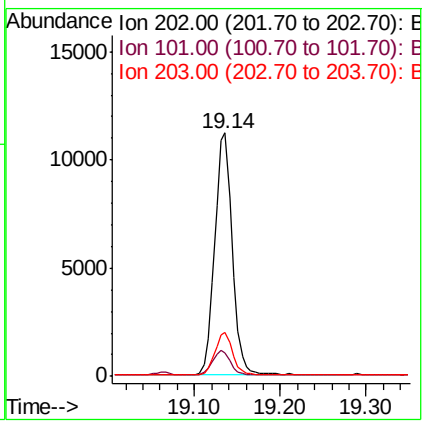


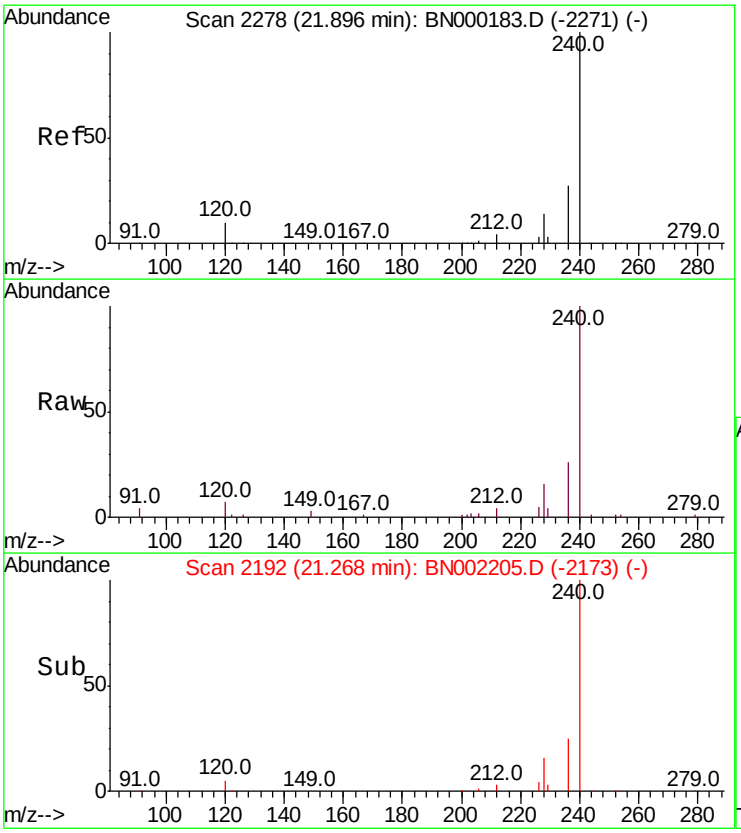
#26
Fluoranthene
Concen: 0.295 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:202 Resp: 15854

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.1	13.7	20.5

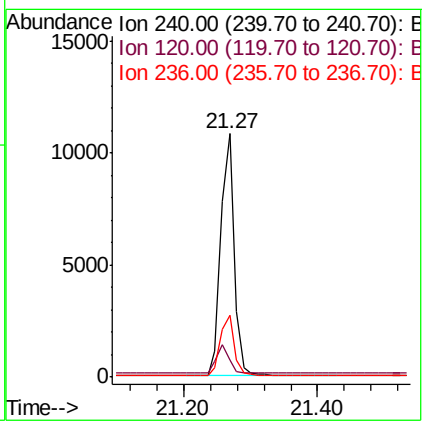


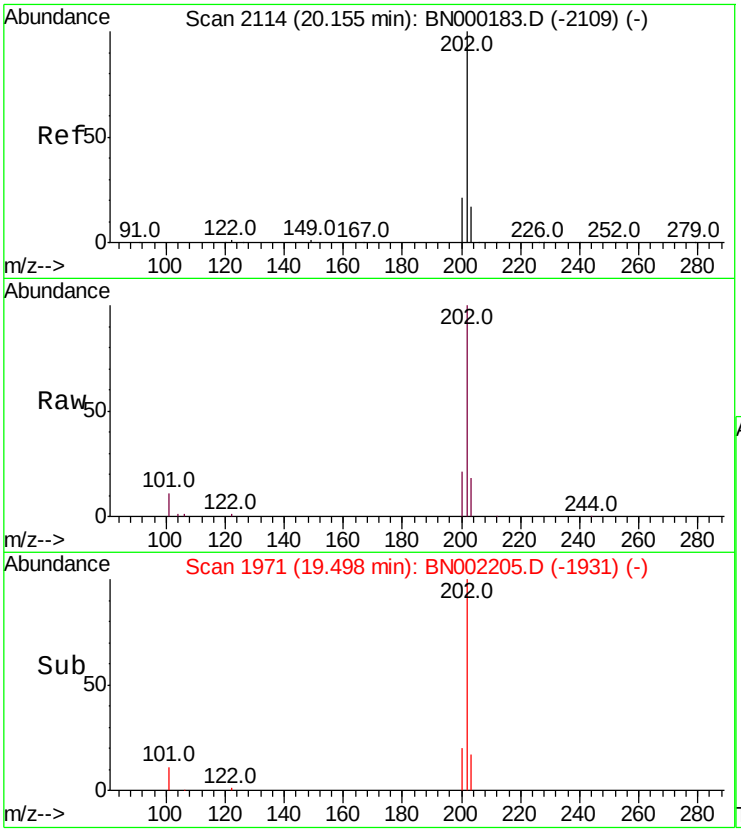


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:240 Resp: 14883

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.5	8.3
236	25.6	20.7	31.1



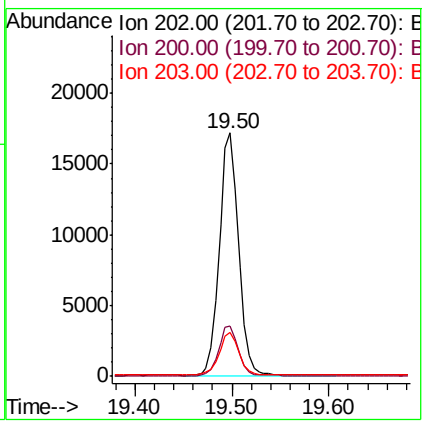


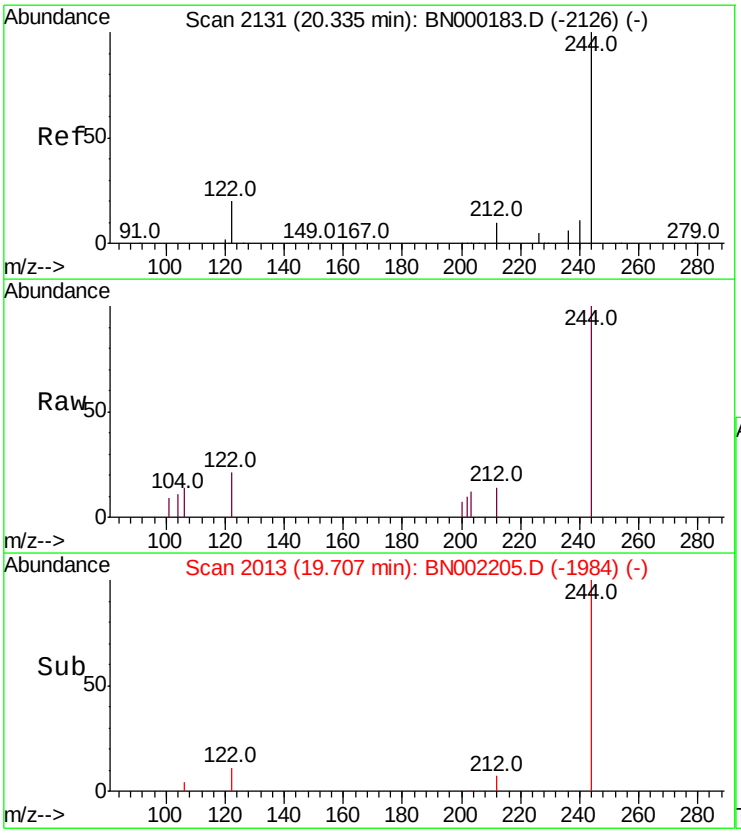
#28
Pyrene
Concen: 0.536 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:202 Resp: 23601

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.7	13.8	20.8

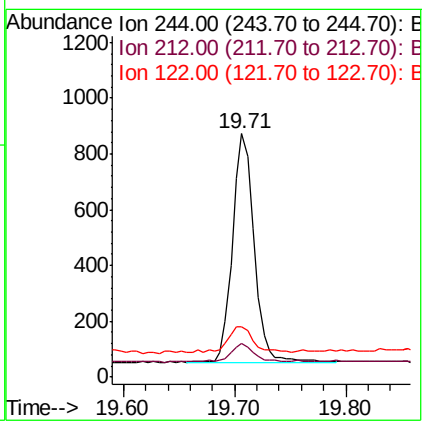


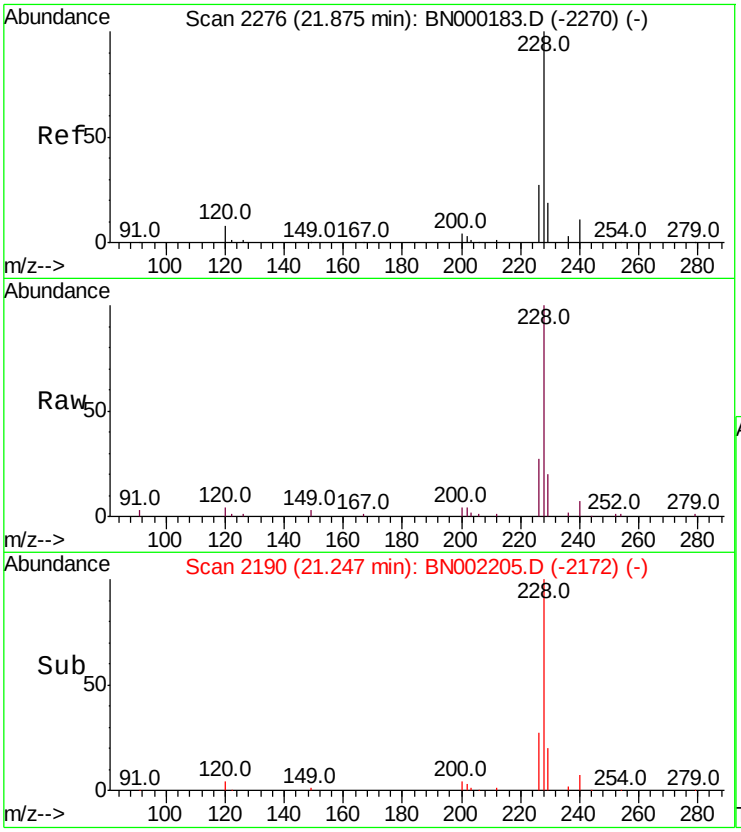


#29
Terphenyl-d14
Concen: 0.035 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:244 Resp: 1119

Ion	Ratio	Lower	Upper
244	100		
212	13.6	25.4	38.0#
122	20.7	8.1	12.1#



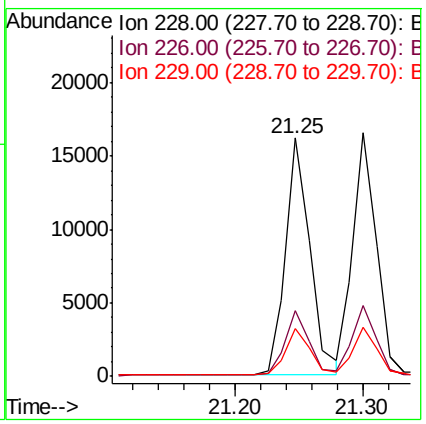


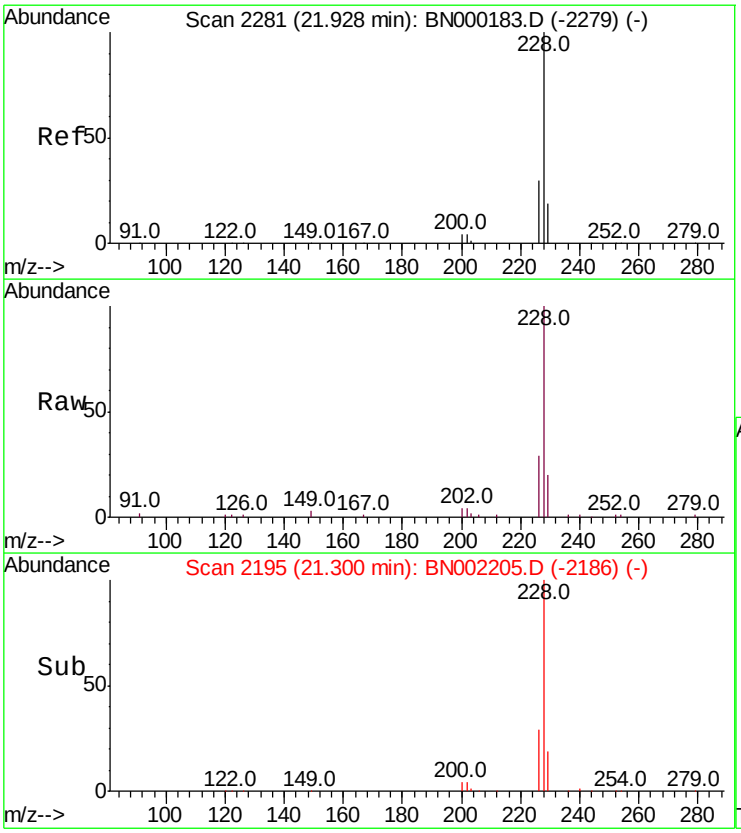
#30
Benzo(a)anthracene
Concen: 0.571 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:228 Resp: 21386

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	20.0	16.0	24.0

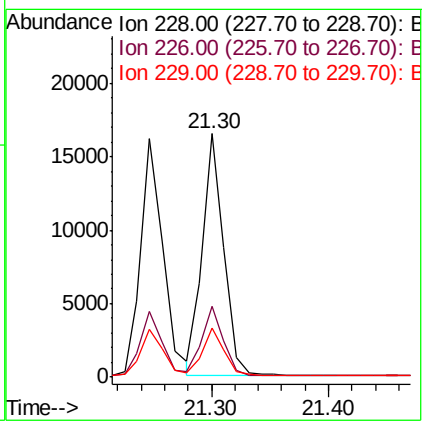


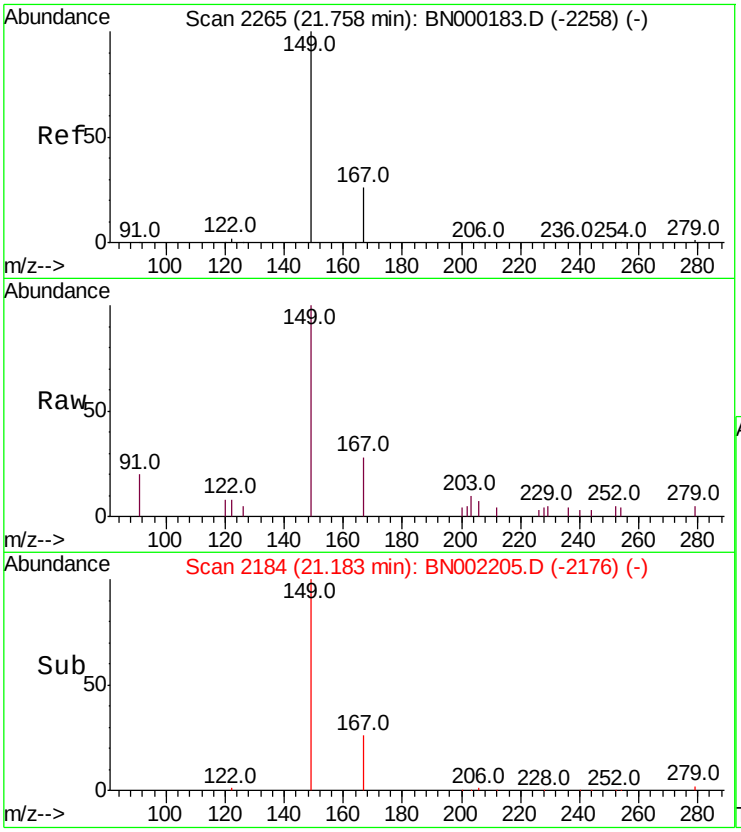


#31
Chrysene
Concen: 0.503 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:228 Resp: 21077

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.0	16.0	24.0



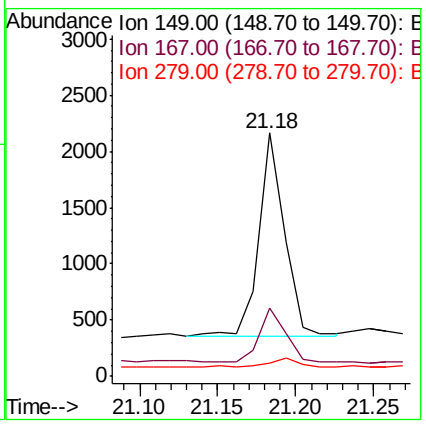


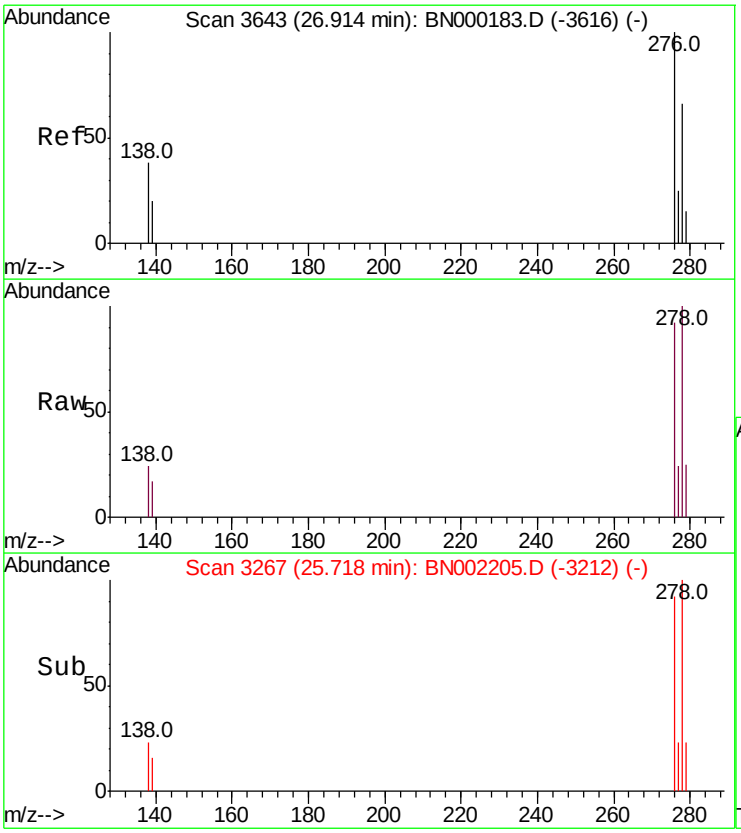
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:149 Resp: 2041

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.0	30.0
279	5.0	1.6	2.4#

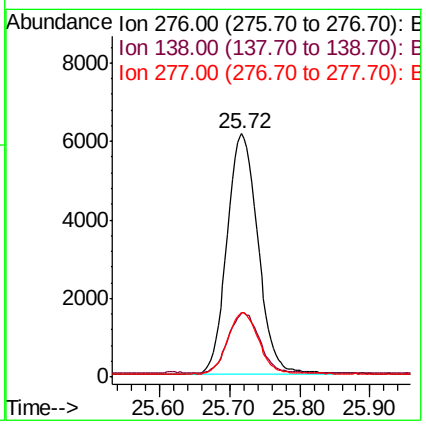


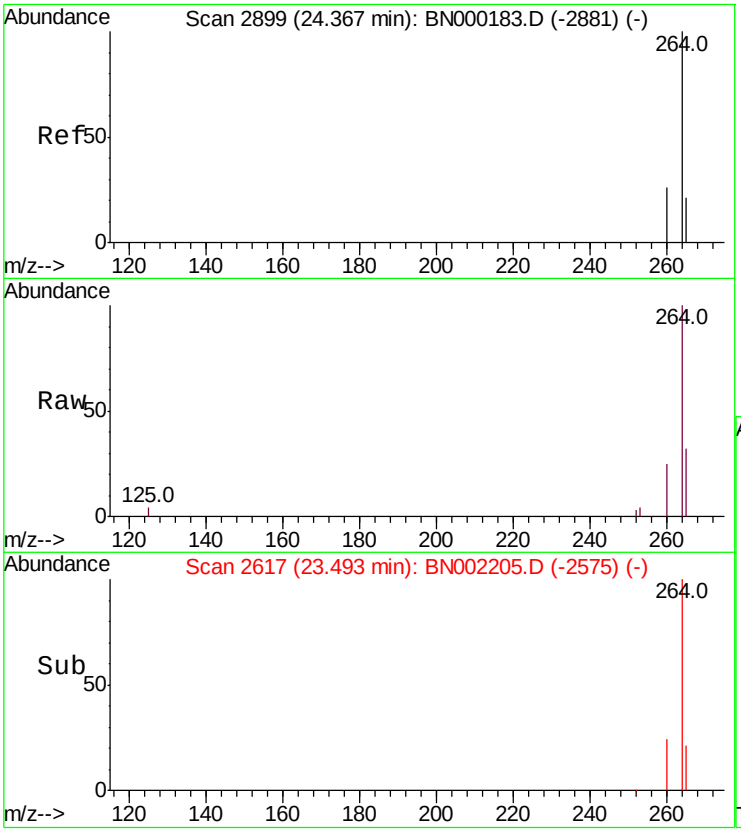


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:276 Resp: 18840

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.5	33.7
277	25.2	19.9	29.9



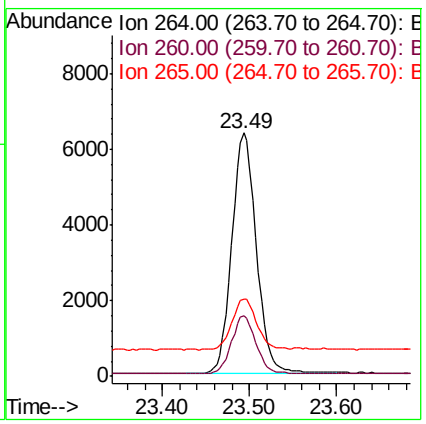


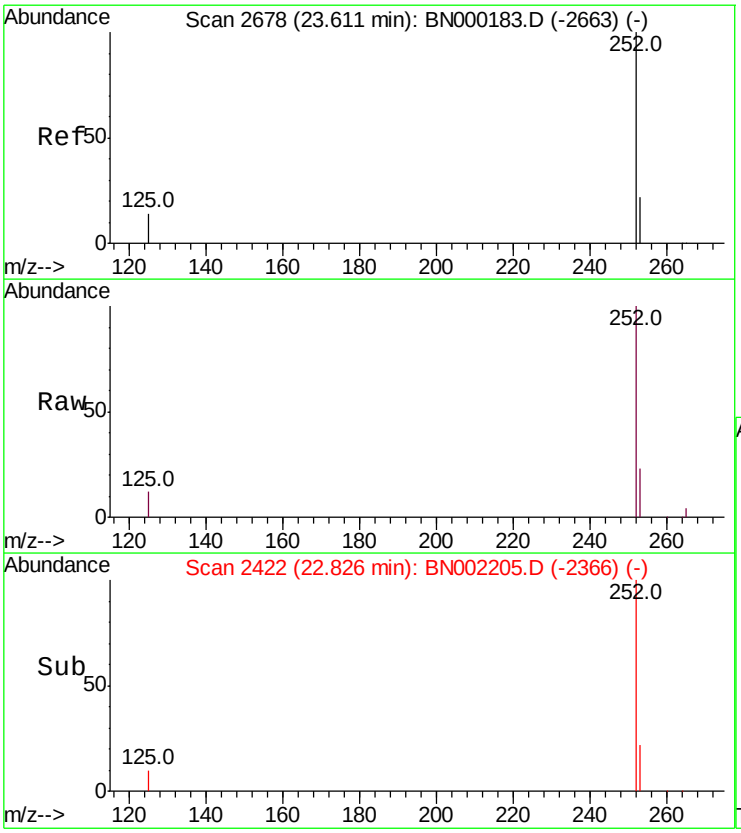
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:264 Resp: 12462

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	31.8	22.8	34.2

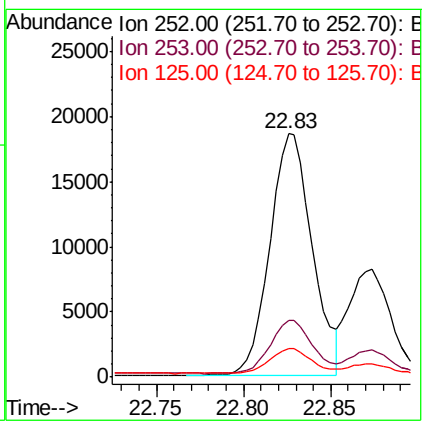


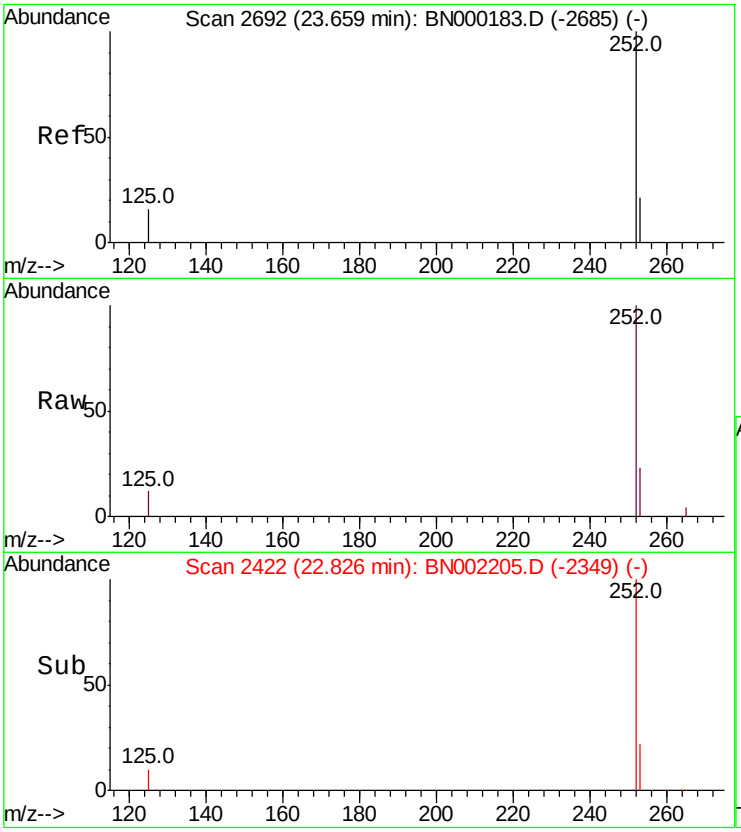


#35
Benzo(b)fluoranthene
Concen: 0.855 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:252 Resp: 31341

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	11.9	16.0	24.0#



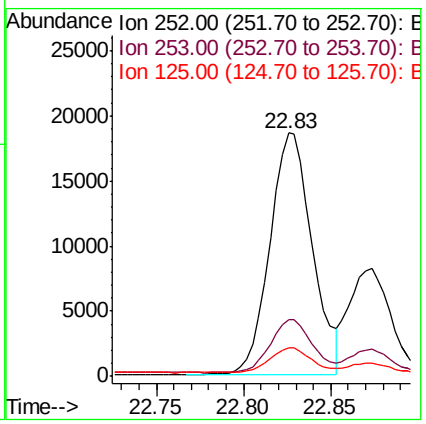


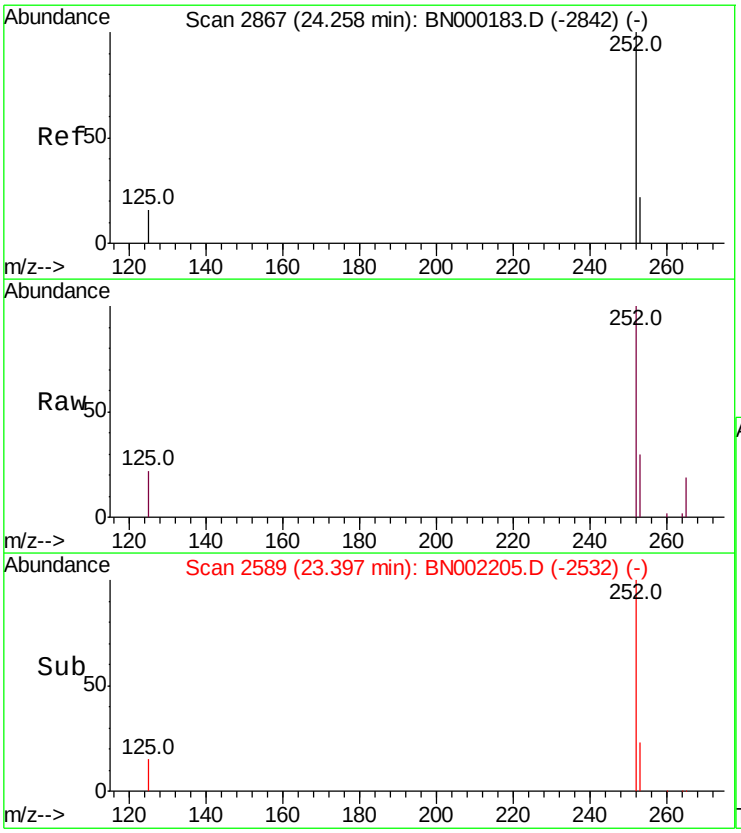
#36
Benzo(k)fluoranthene
Concen: 0.824 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.05 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:252 Resp: 31341

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	11.9	8.0	12.0

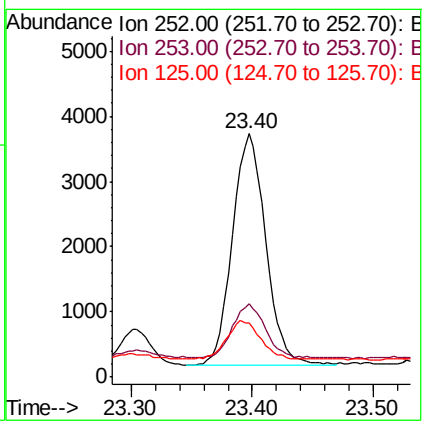


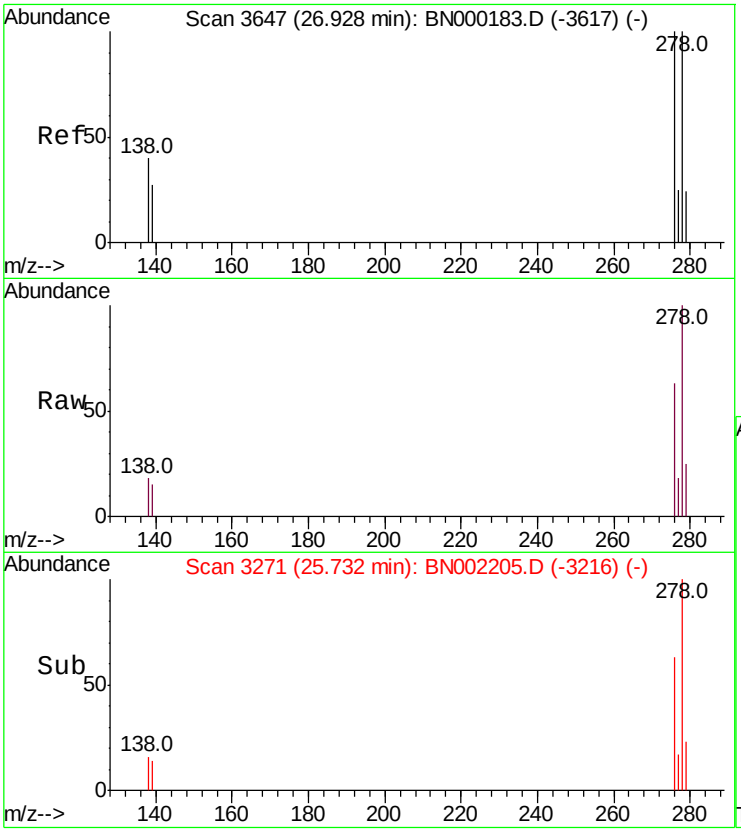


#37
Benzo(a)pyrene
Concen: 0.205 ng
RT: 23.40 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:252 Resp: 6803

Ion	Ratio	Lower	Upper
252	100		
253	30.0	16.0	24.0#
125	22.4	12.0	18.0#



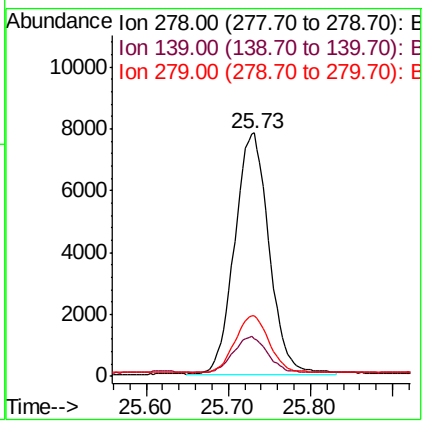


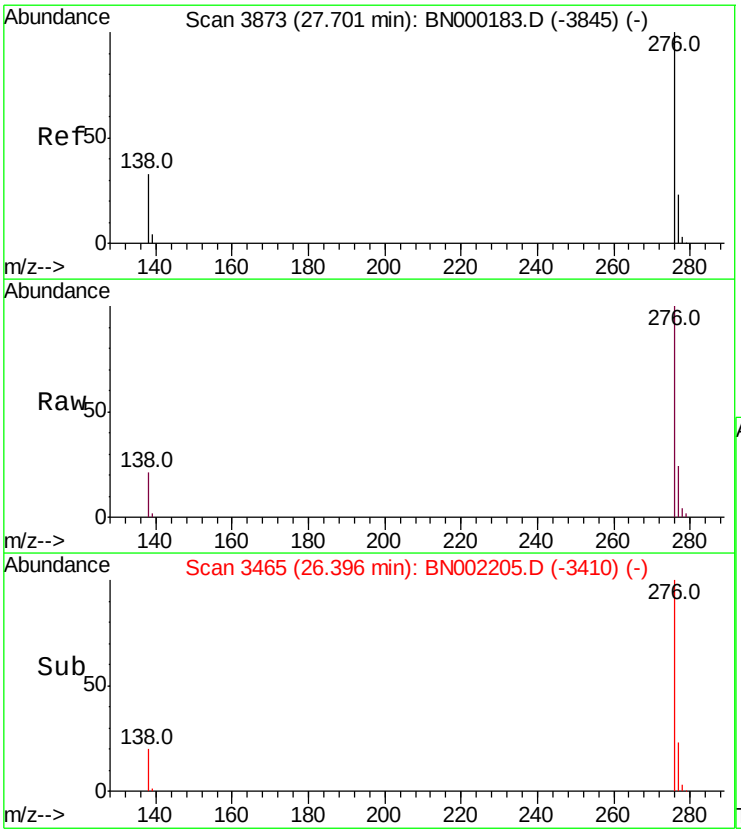
#38
Dibenzo(a,h)anthracene
Concen: 0.700 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Instrument :
BNA_N
ClientSampleId :
1550DL

Tgt Ion:278 Resp: 22615

Ion	Ratio	Lower	Upper
278	100		
139	15.4	16.0	24.0#
279	24.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.700 ng
RT: 26.40 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BN002205.D
Acq: 31 Jul 2018 11:34

Tgt Ion:276 Resp: 23103

Ion	Ratio	Lower	Upper
276	100		
277	24.2	16.0	24.0#
138	21.1	20.0	30.0