Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008012.D
Acq On : 04 Oct 2019 20:22
Operator : JU
Sample : K5078-05RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:25:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	17905	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	75312	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	47469	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	105317	0.40	ng		-0.02
27) Chrysene-d12	21.26	240	137898	0.40	ng		-0.01
34) Perylene-d12	23.47	264	162102	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	10287	0.17	ng		0.00
5) Phenol-d6	6.87	99	13762	0.18	ng		0.00
8) Nitrobenzene-d5	8.82	82	12446	0.19	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	23775	0.19	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	5155	0.20	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	32295	0.17	ng		-0.02
25) Fluoranthene-d10	19.09	212	70339	0.20	ng		-0.02
29) Terphenyl-d14	19.69	244	61877	0.18	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	14082	1.541	ng	#	67
9) Naphthalene	10.49	128	21529	0.102	ng	#	95
12) 2-Methylnaphthalene	12.12	142	30005	0.210	ng		98
16) Acenaphthylene	14.02	152	691252	2.746	ng		99
17) Acenaphthene	14.37	154	30756	0.189	ng		99
18) Fluorene	15.36	166	112111	0.539	ng	#	12
23) Phenanthrene	17.09	178	1349499	4.113	ng		99
24) Anthracene	17.19	178	540496	1.824	ng		100
26) Fluoranthene	19.12	202	2164241	5.305	ng		98
28) Pyrene	19.49	202	3012576	6.406	ng		96
30) Benzo(a)anthracene	21.24	228	1350013	2.658	ng		91
31) Chrysene	21.29	228	1814886	3.667	ng		97
32) Bis(2-ethylhexyl)phthalate	21.17	149	227357	0.871	ng		99
33) Indeno(1,2,3-cd)pyrene	25.69	276	918203	1.482	ng	#	95
35) Benzo(b)fluoranthene	22.82	252	1783179	3.169	ng		98
36) Benzo(k)fluoranthene	22.82	252	1783179	3.204	ng		99
37) Benzo(a)pyrene	23.38	252	1313300	2.483	ng		98
38) Dibenzo(a,h)anthracene	25.69	278	251063	0.464	ng	#	84
39) Benzo(g,h,i)perylene	26.37	276	999152	1.866	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 04 Oct 2019 20:22
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Sample : K5078-05RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:25:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
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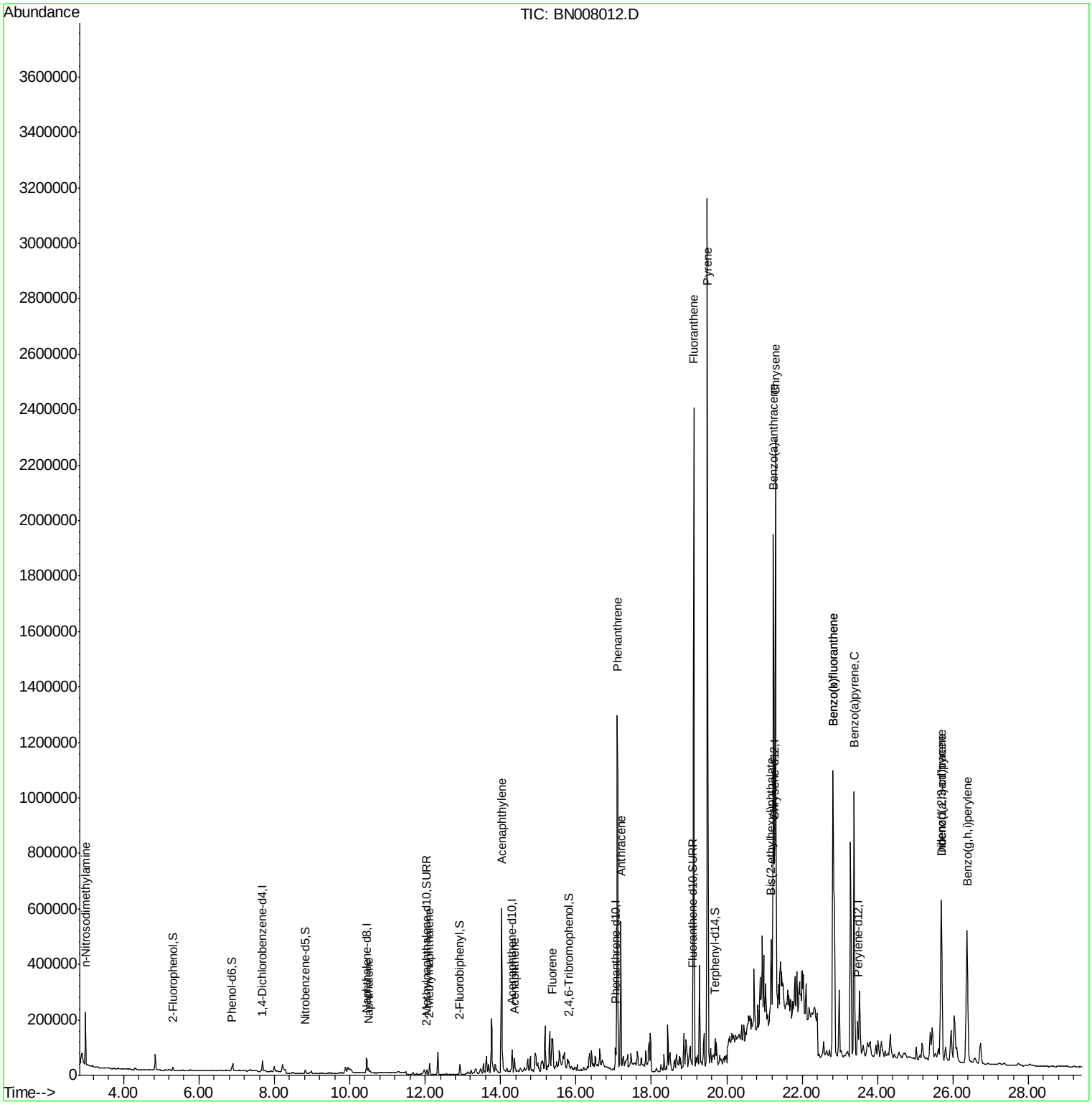
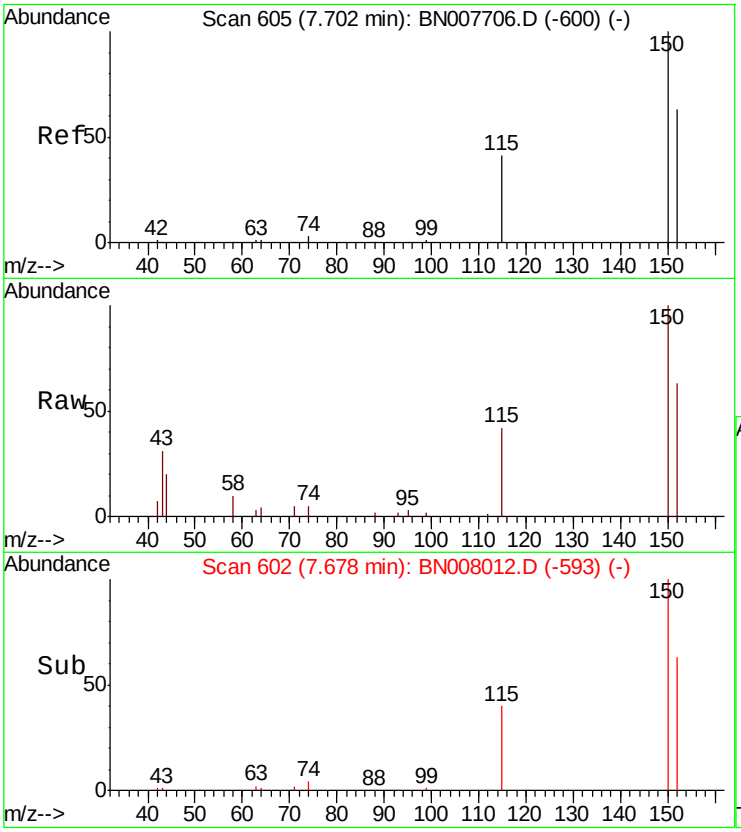


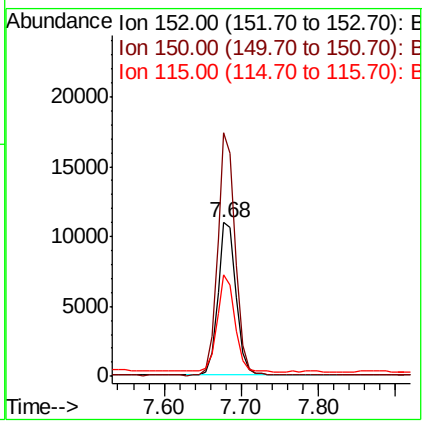


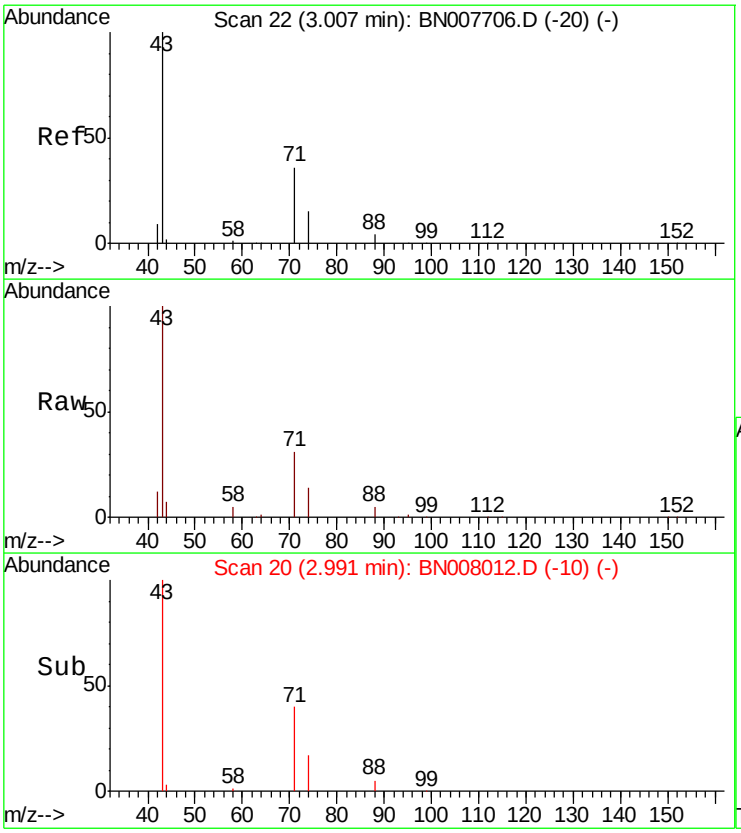
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 17905

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.6	188.4
115	66.3	53.3	79.9

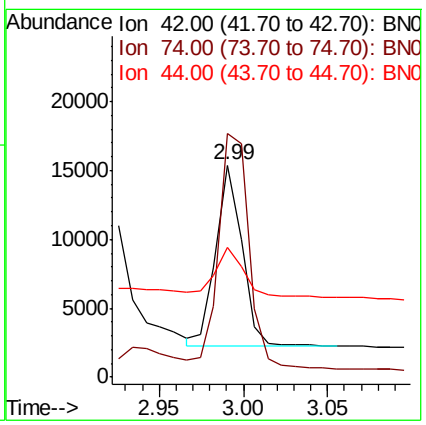


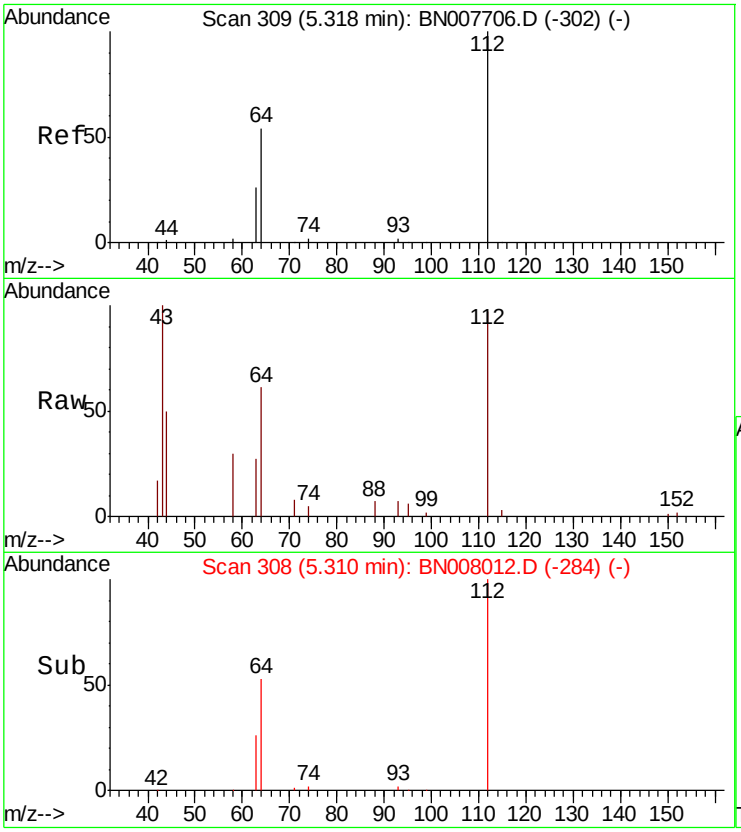


#3
n-Nitrosodimethylamine
Concen: 1.541 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion: 42 Resp: 14082

Ion	Ratio	Lower	Upper
42	100		
74	152.5	87.9	131.9#
44	31.0	29.4	44.0



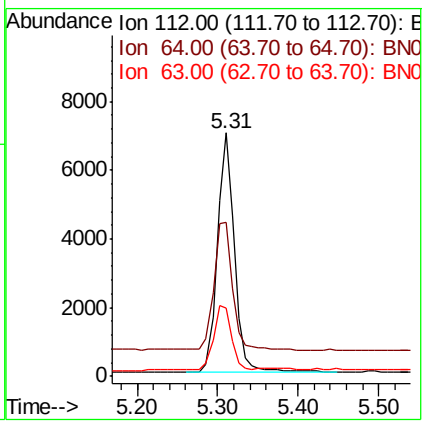


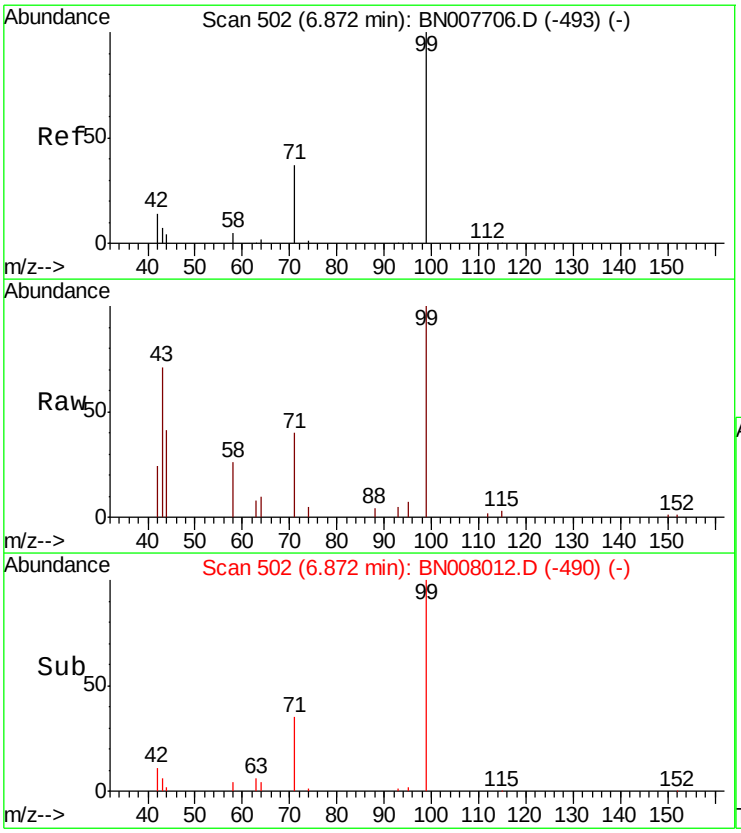
#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 10287

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	70.0
63	27.9	23.1	34.7

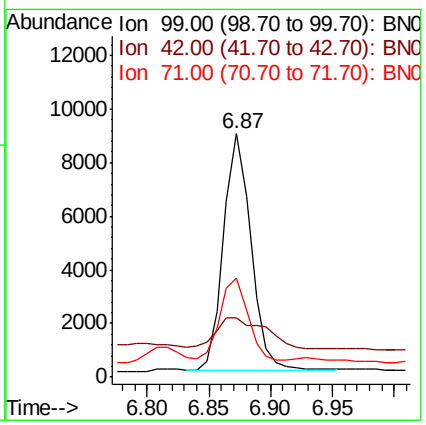


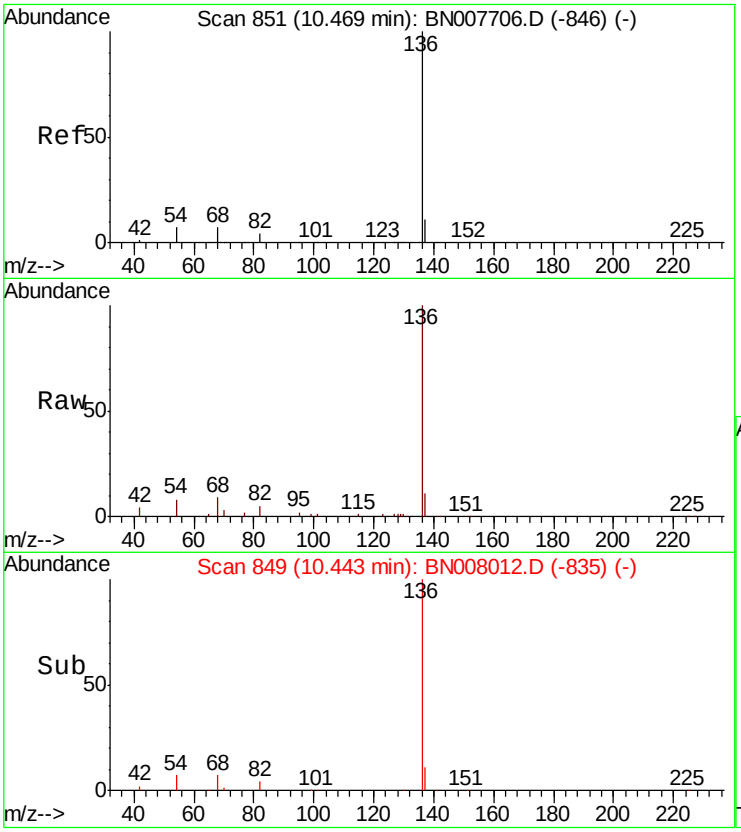


#5
Phenol-d6
Concen: 0.176 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion: 99 Resp: 13762

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	37.6	27.6	41.4



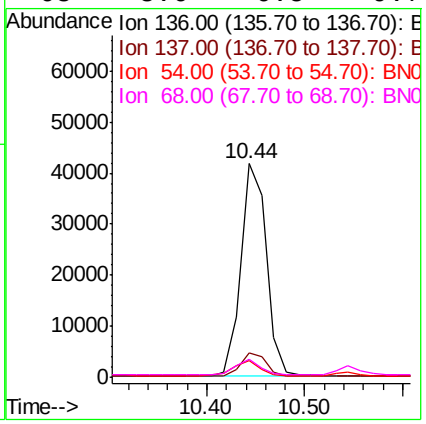


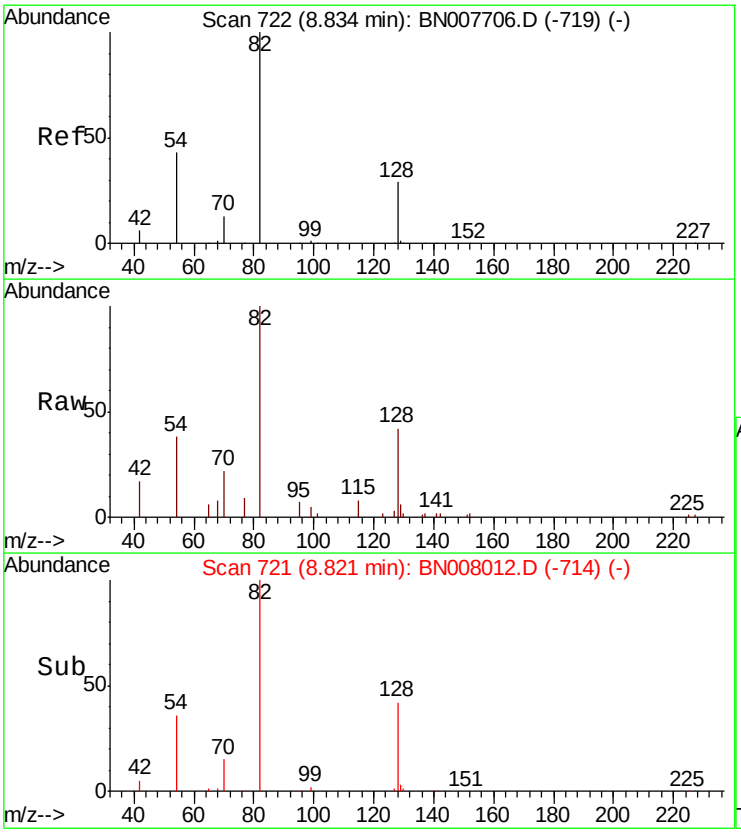
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 75312

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.8	5.8	8.8
68	8.6	6.5	9.7

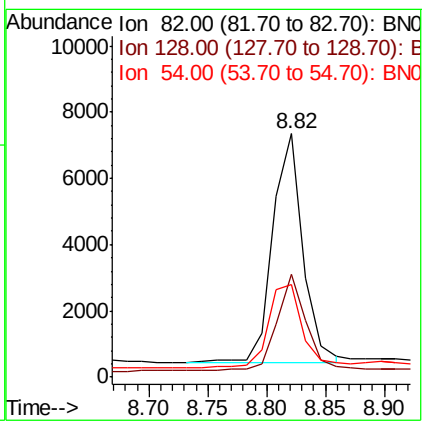


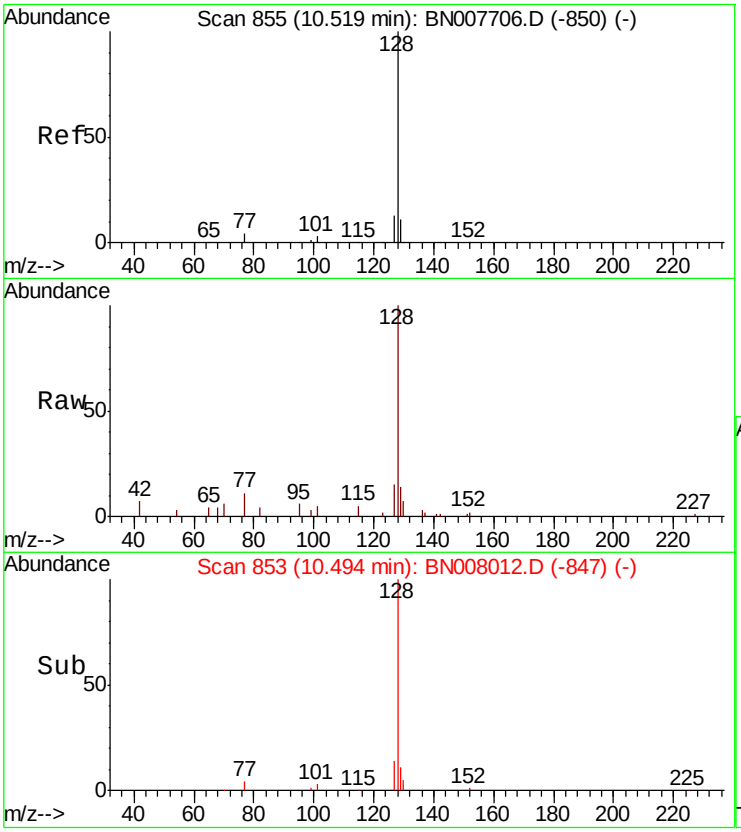


#8
Nitrobenzene-d5
Concen: 0.189 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion: 82 Resp: 12446

Ion	Ratio	Lower	Upper
82	100		
128	42.1	24.5	36.7#
54	37.8	35.2	52.8



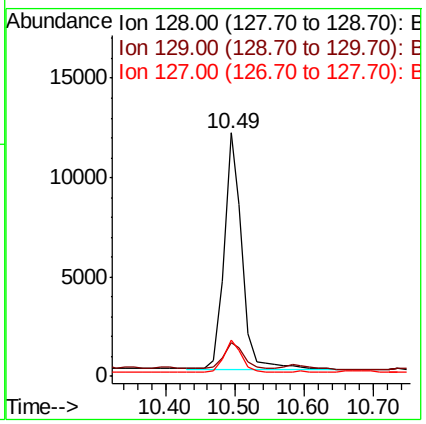


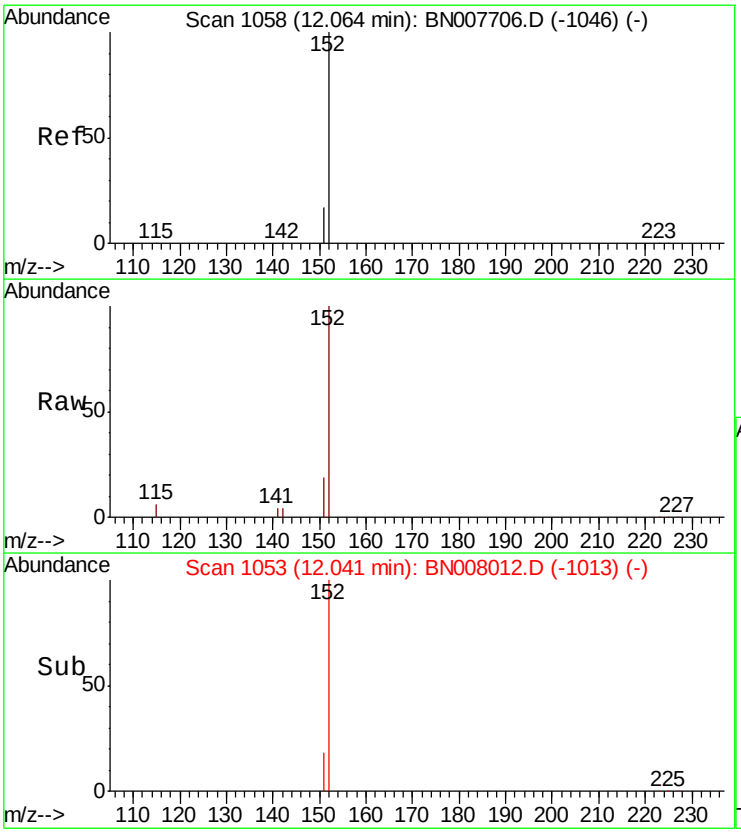
#9
Naphthalene
Concen: 0.102 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21529

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	14.9	10.6	15.8

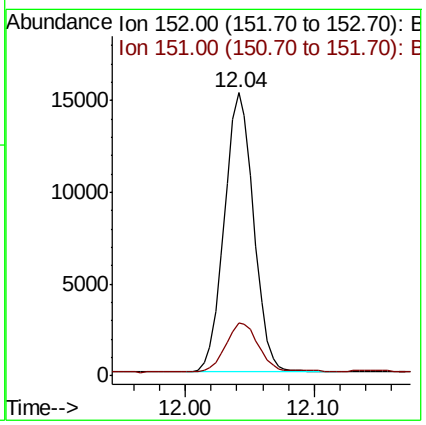


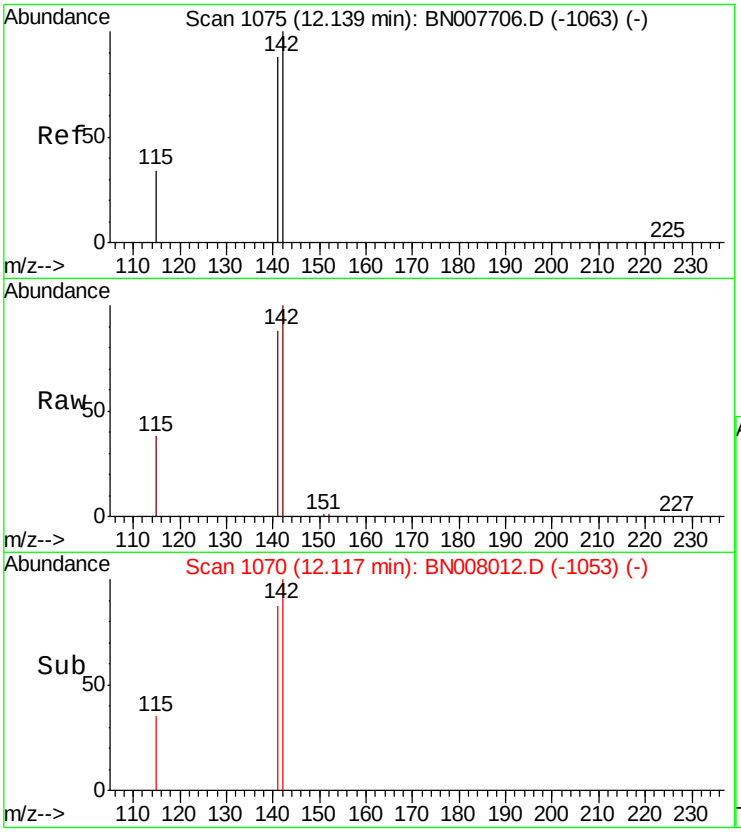


#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:152 Resp: 23775

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2



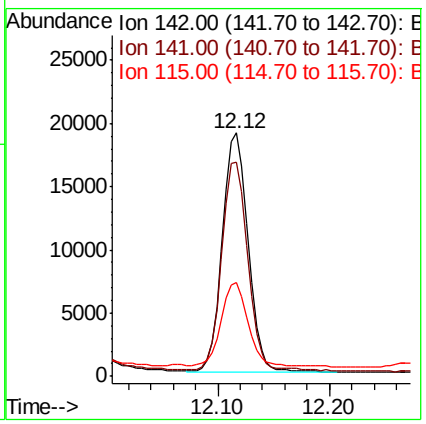


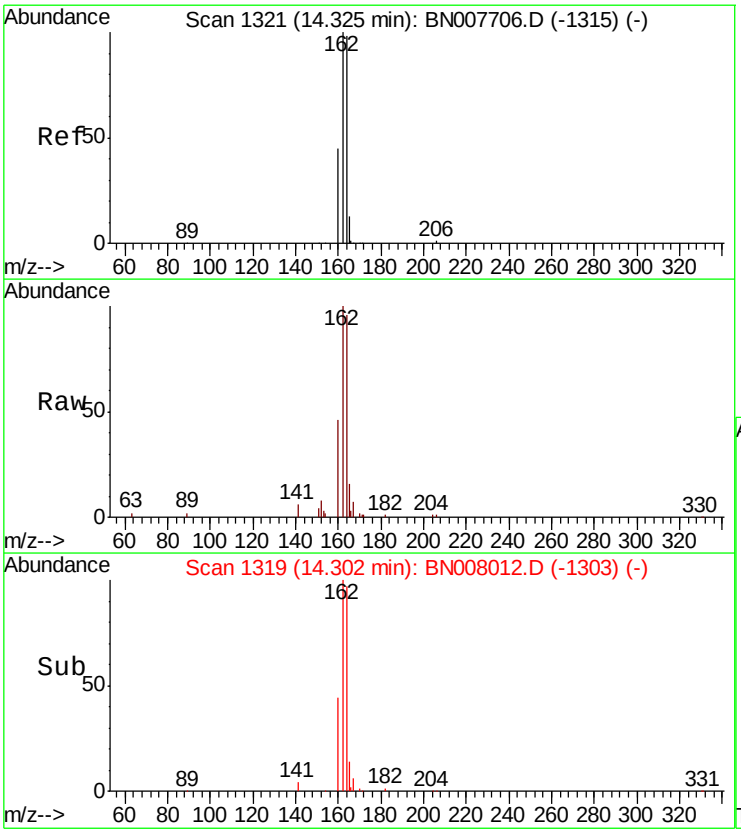
#12
2-Methylnaphthalene
Concen: 0.210 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 30005

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0
115	38.3	28.3	42.5

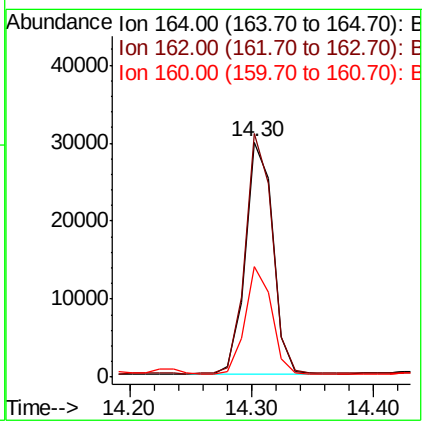


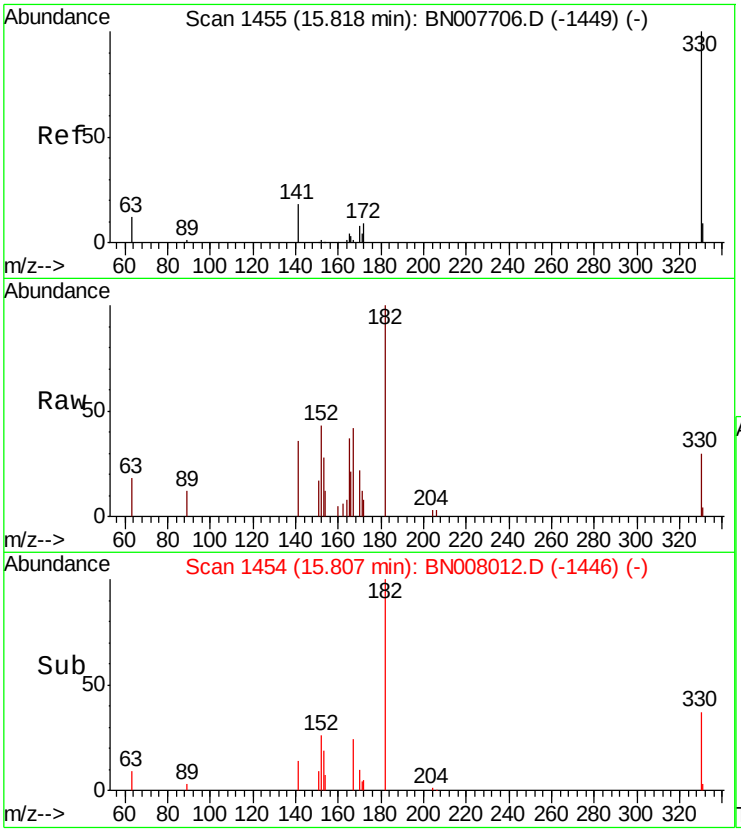


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:164 Resp: 47469

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.7	122.5
160	47.2	37.0	55.4



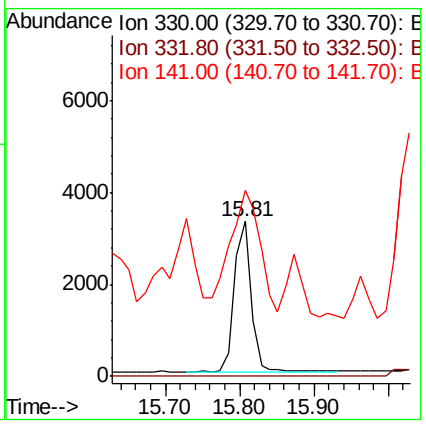


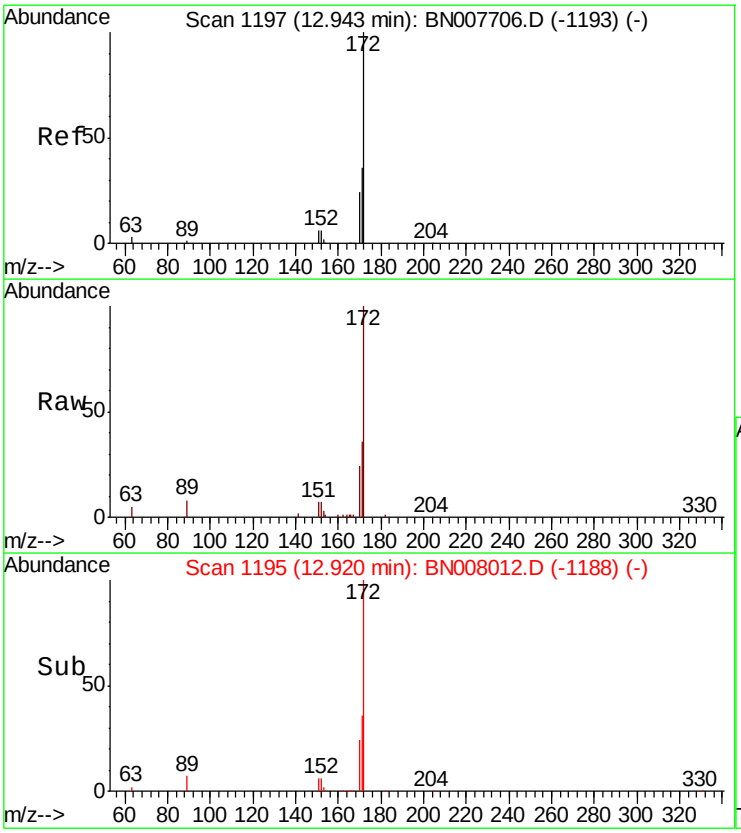
#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 5155

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	143.2	28.7	43.1#

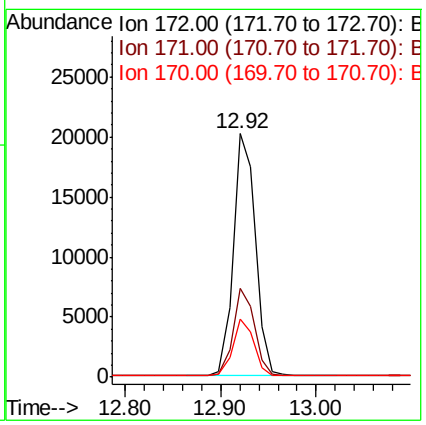


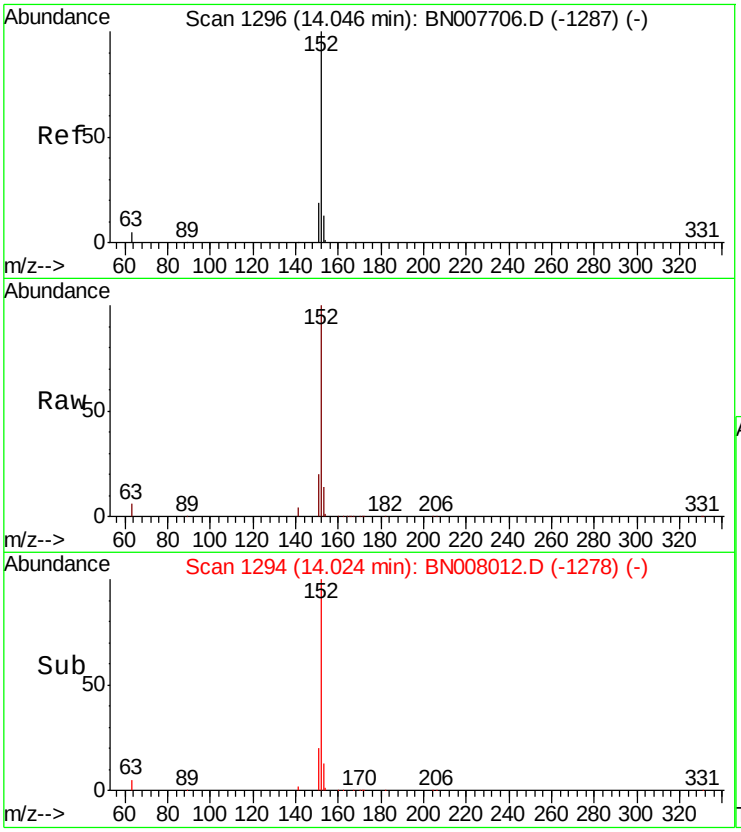


#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:172 Resp: 32295

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.8	43.2
170	24.0	19.5	29.3



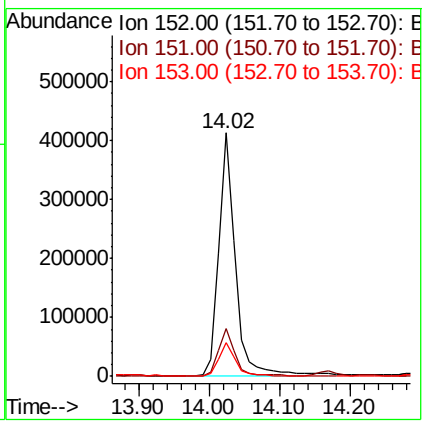


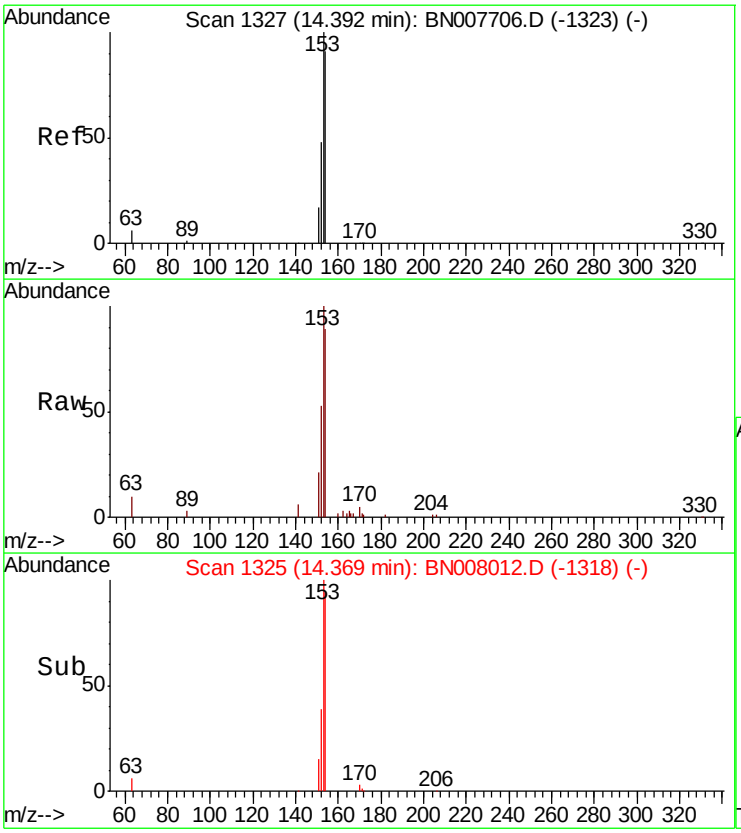
#16
Acenaphthylene
Concen: 2.746 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 691252

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.5	10.4	15.6

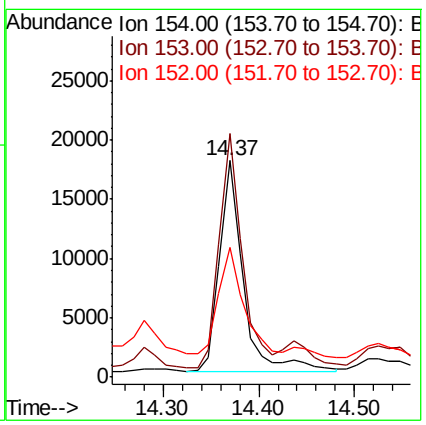


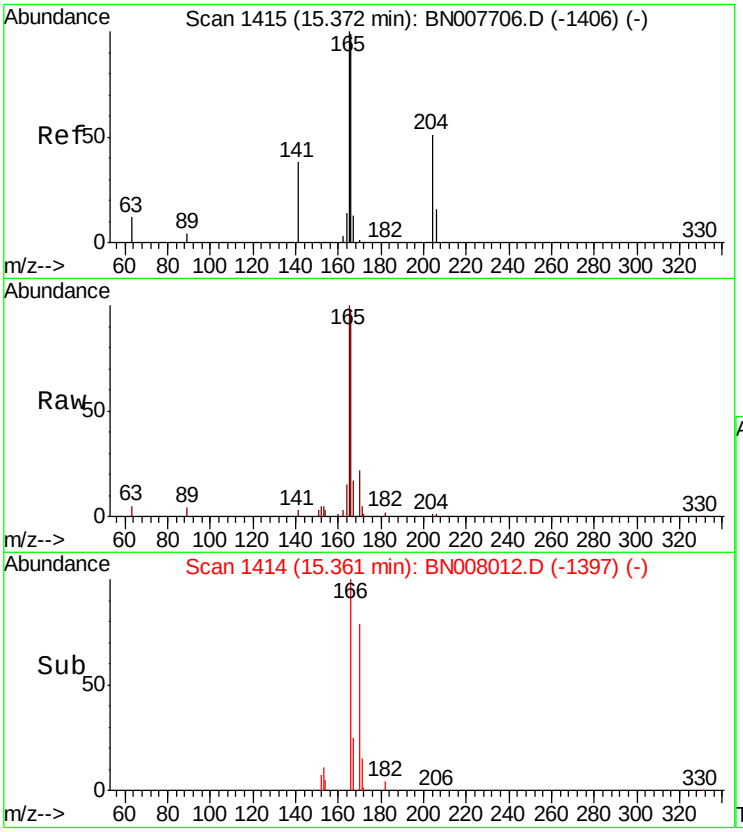


#17
Acenaphthene
Concen: 0.189 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:154 Resp: 30756

Ion	Ratio	Lower	Upper
154	100		
153	107.5	87.0	130.4
152	53.5	42.7	64.1



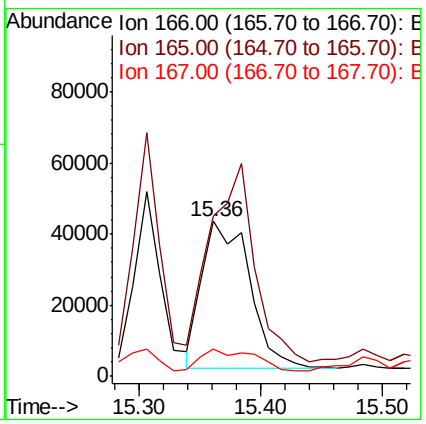


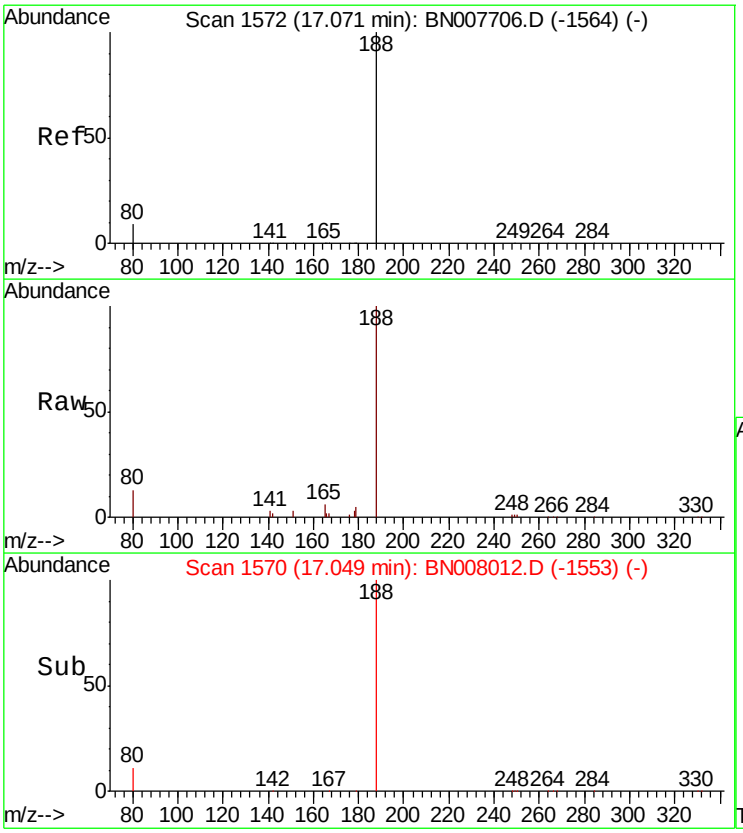
#18
Fluorene
Concen: 0.539 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 112111

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.0	117.0#
167	16.9	10.9	16.3#

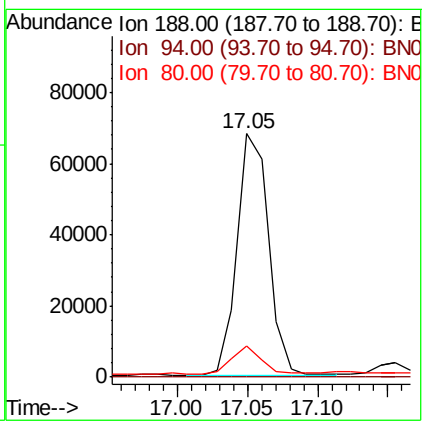


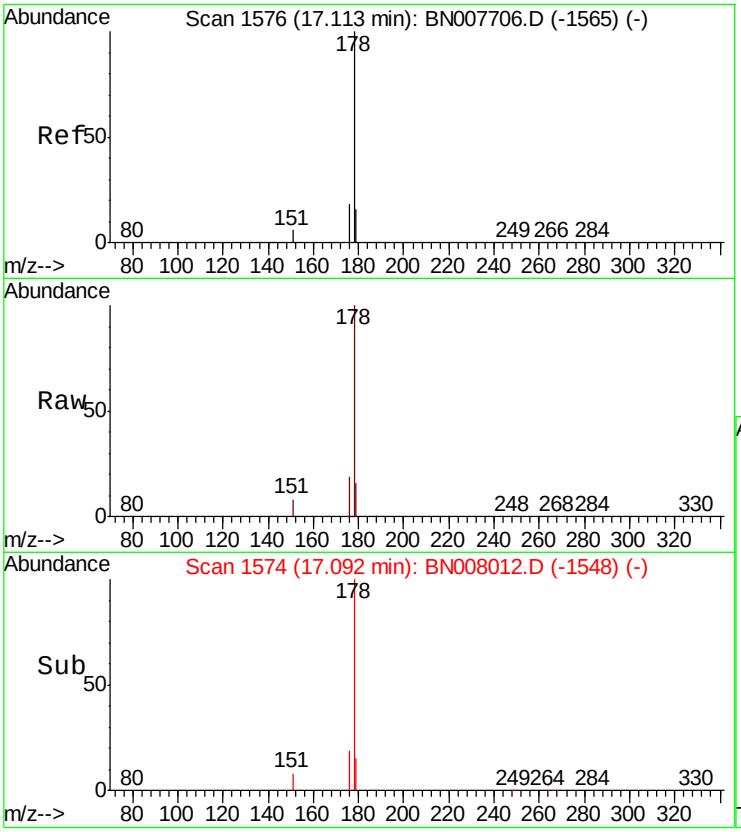


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:188 Resp: 105317

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	7.4	11.2#



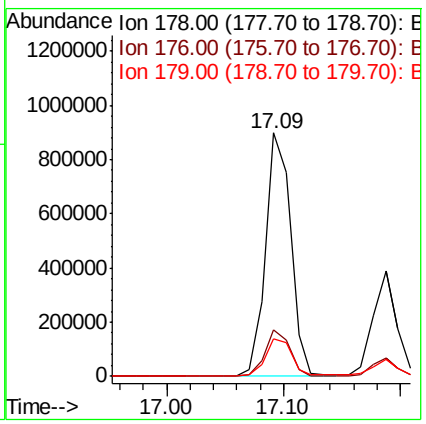


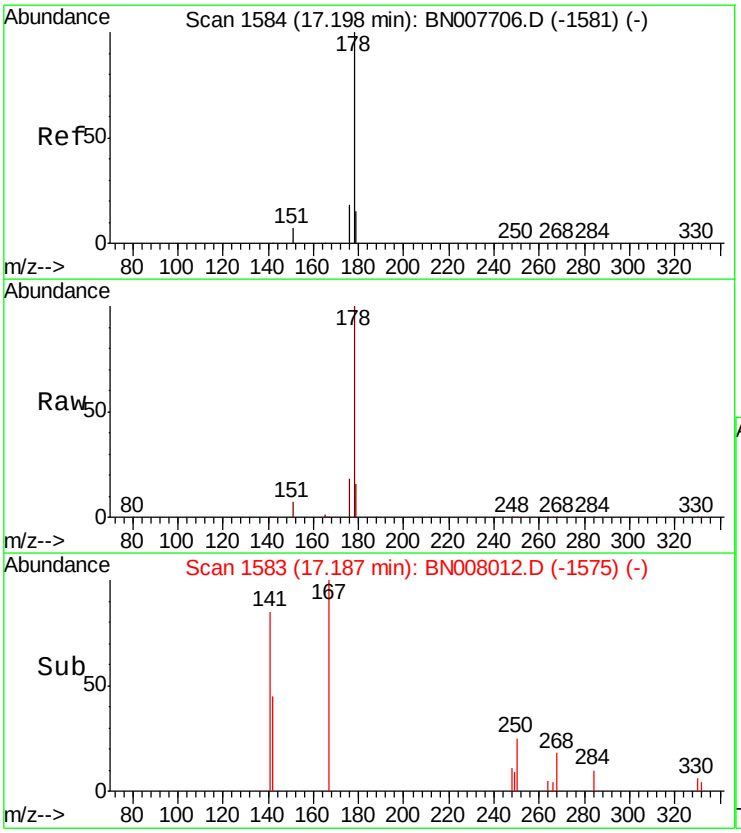
#23
Phenanthrene
Concen: 4.113 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1349499

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	16.0	12.5	18.7

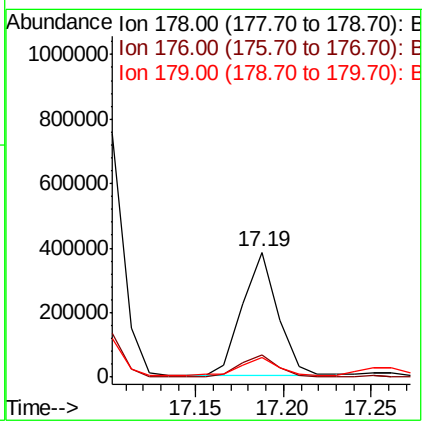


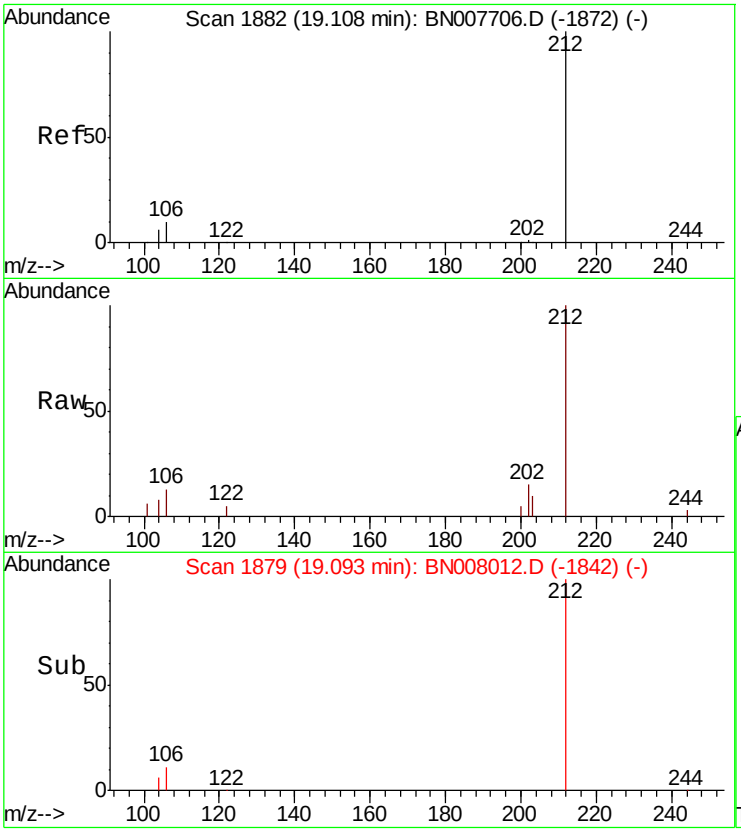


#24
Anthracene
Concen: 1.824 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:178 Resp: 540496

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.3	12.2	18.4



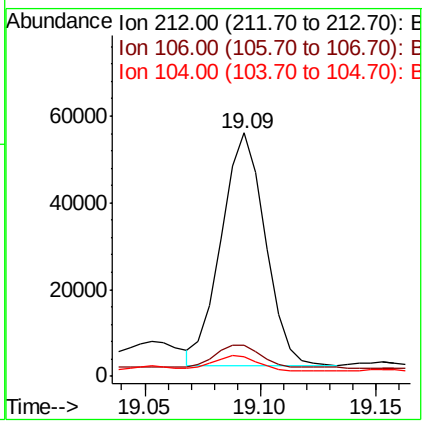


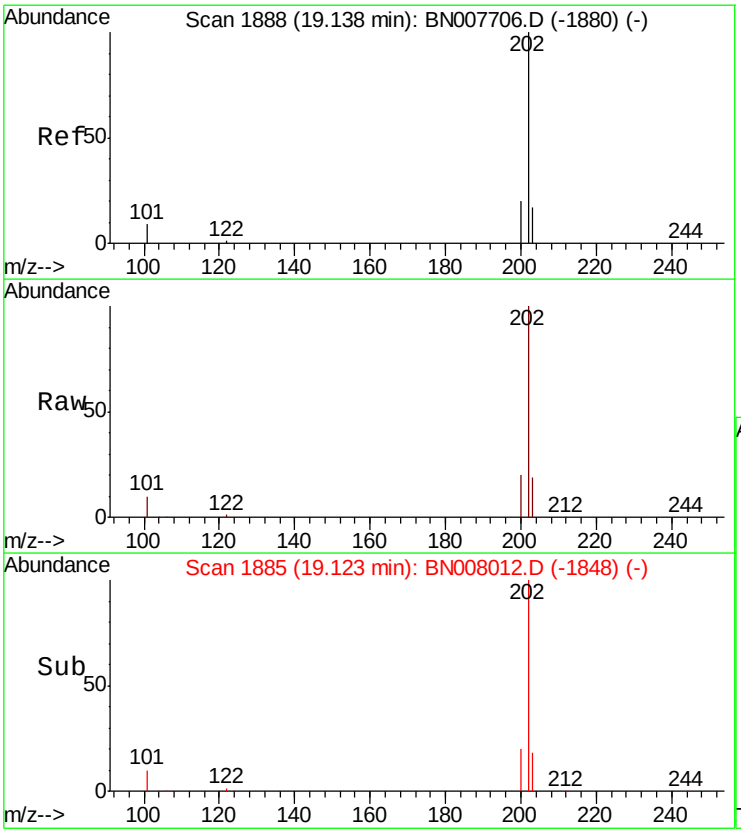
#25
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 70339

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	7.2	5.3	7.9

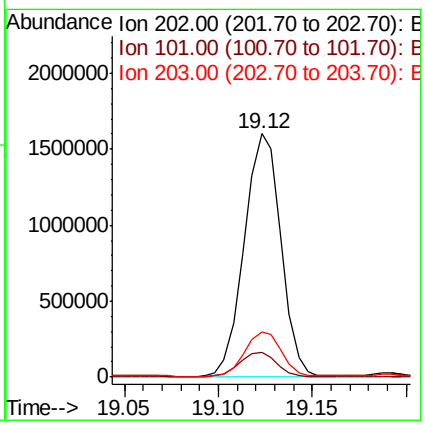


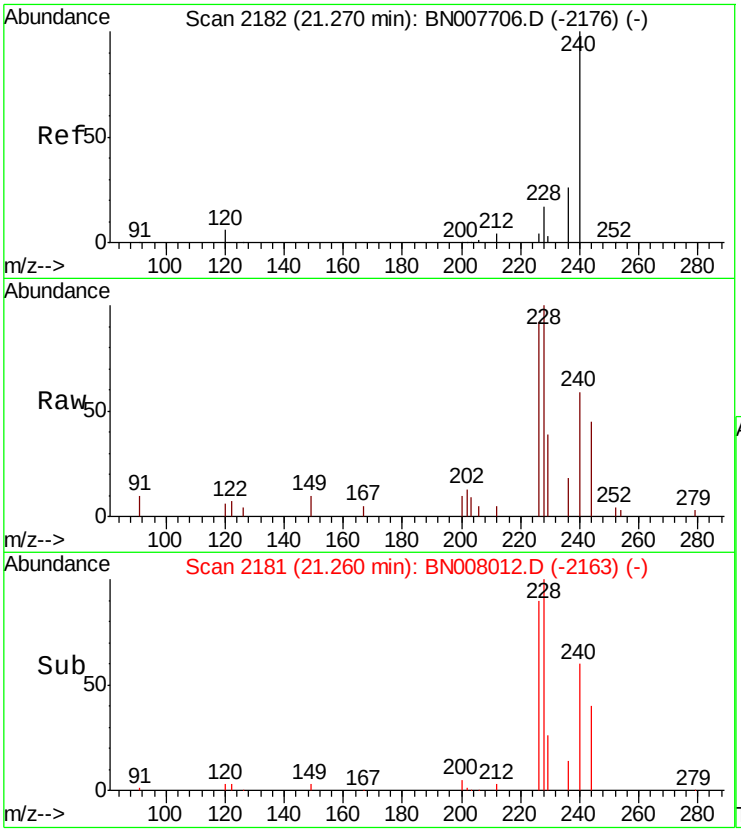


#26
Fluoranthene
Concen: 5.305 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:202 Resp: 2164241

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	18.4	13.8	20.8



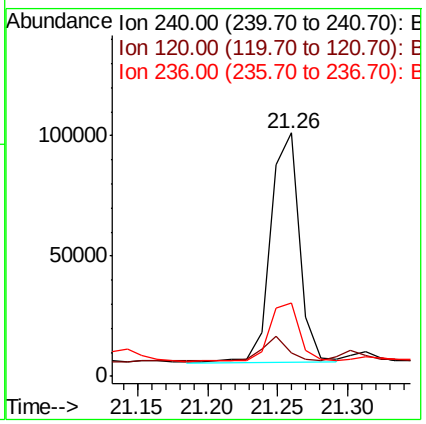


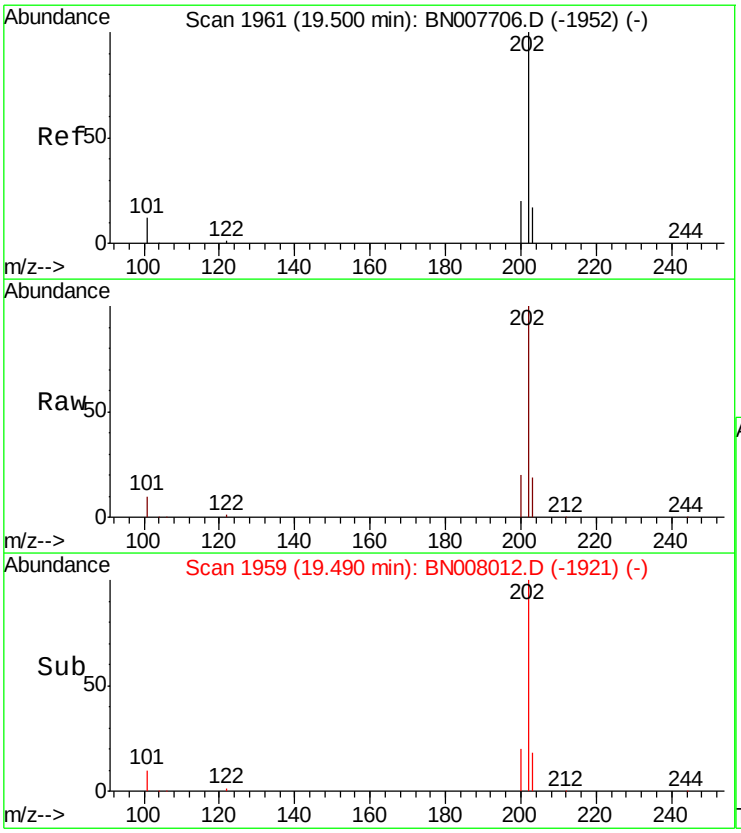
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 137898

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.4	8.2#
236	30.1	21.0	31.4

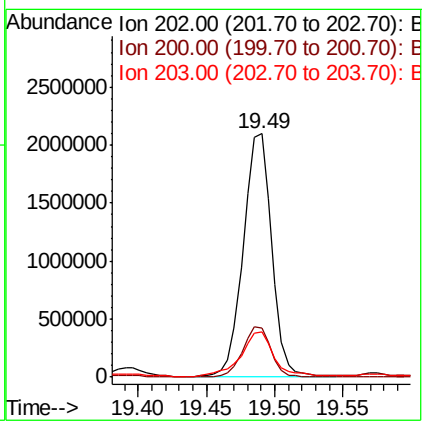


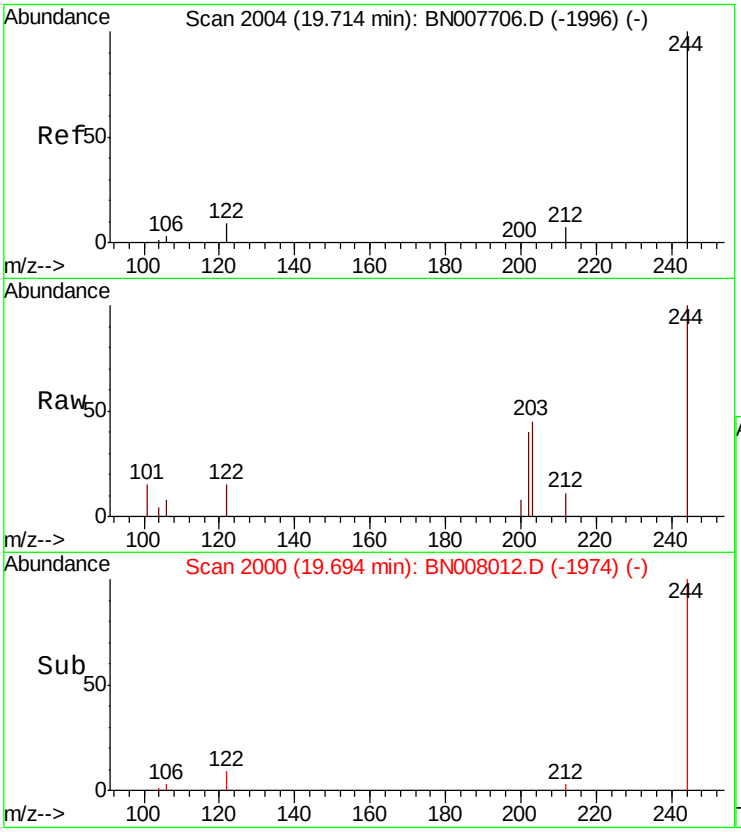


#28
Pyrene
Concen: 6.406 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:202 Resp: 3012576

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.0	14.1	21.1



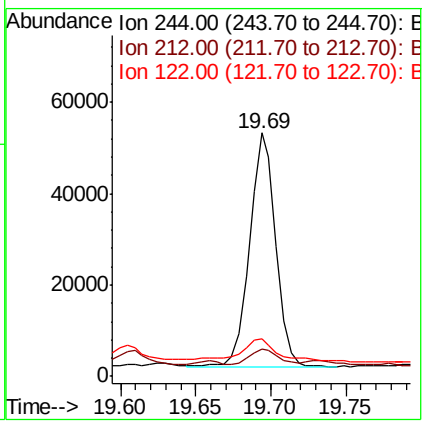


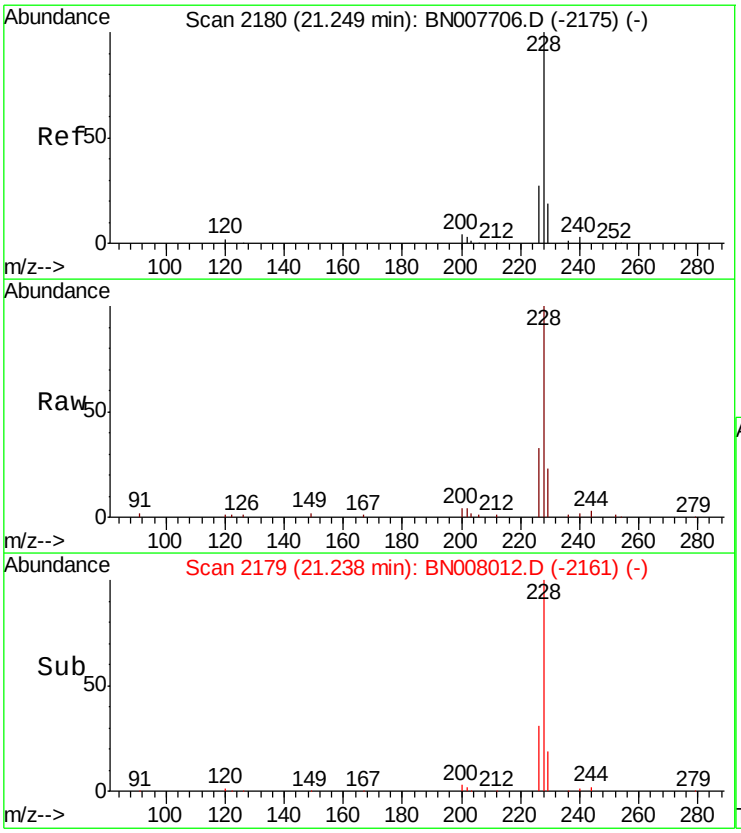
#29
Terphenyl-d14
Concen: 0.183 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 61877

Ion	Ratio	Lower	Upper
244	100		
212	11.4	5.9	8.9#
122	15.4	7.4	11.2#

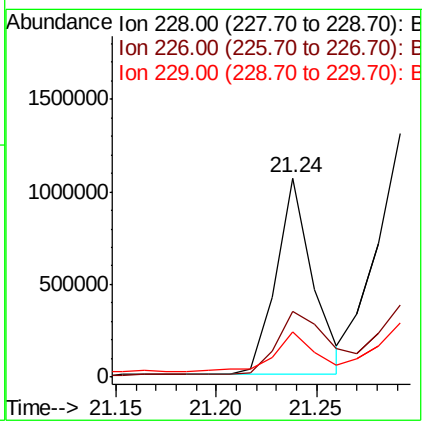


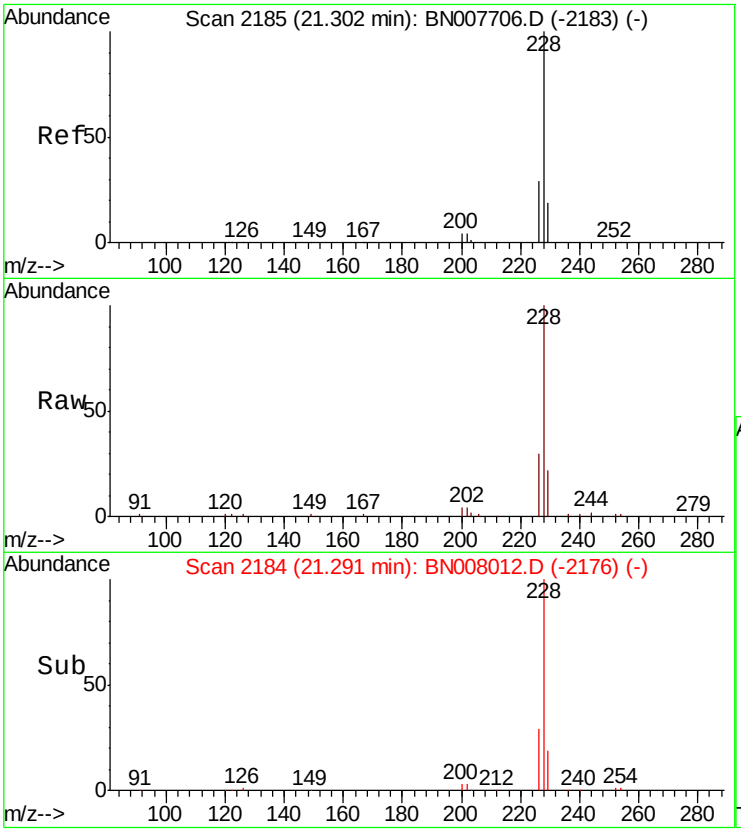


#30
Benzo(a)anthracene
Concen: 2.658 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:228 Resp: 1350013

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.1	33.1
229	23.0	15.8	23.6



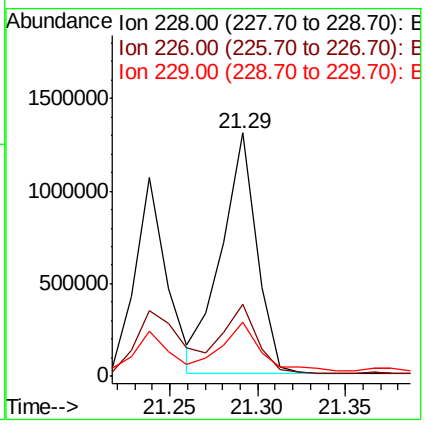


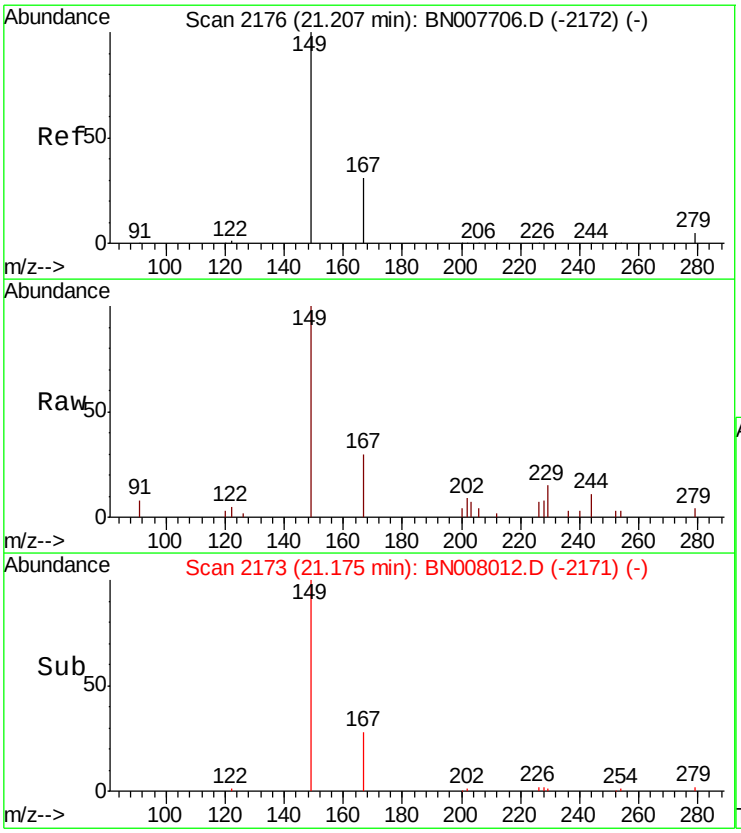
#31
Chrysene
Concen: 3.667 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1814886

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	22.4	15.8	23.6

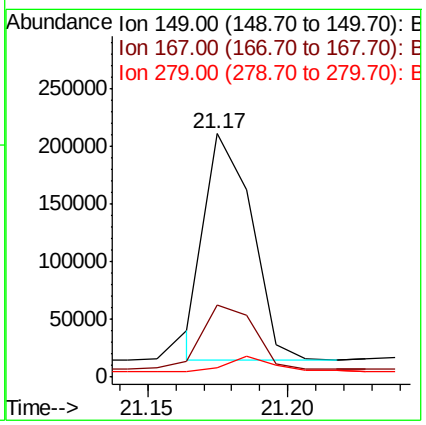


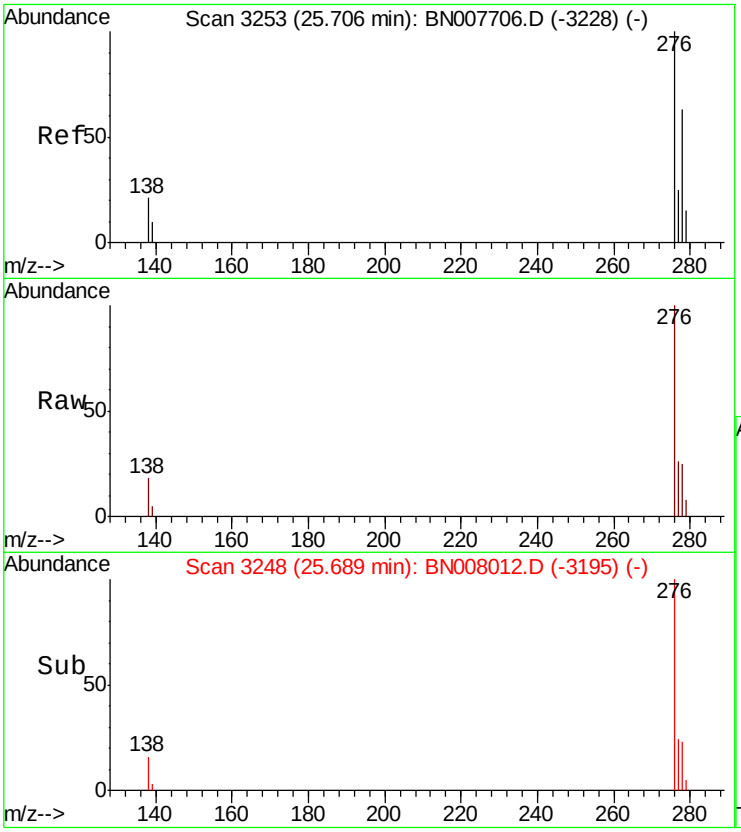


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.871 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:149 Resp: 227357

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.7	35.5
279	6.1	4.2	6.2



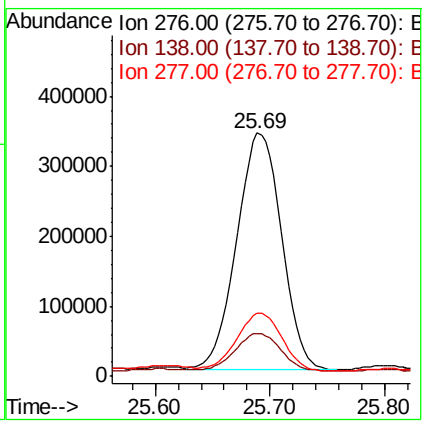


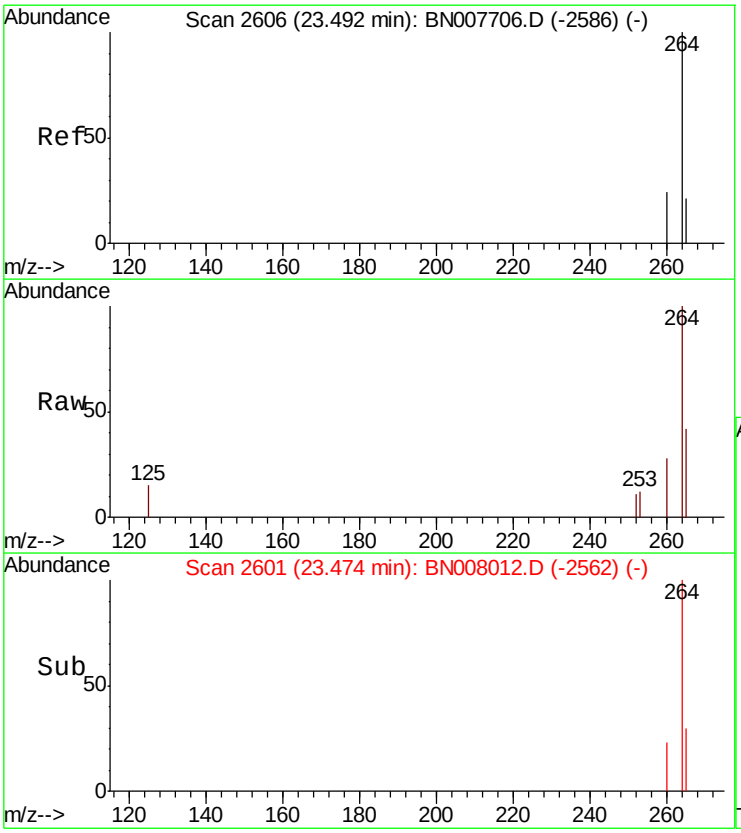
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.482 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 918203

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.1	25.7#
277	24.8	20.0	30.0

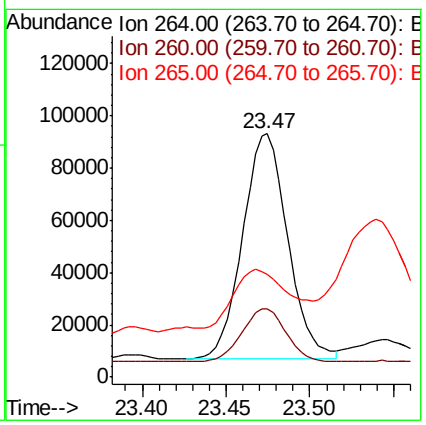


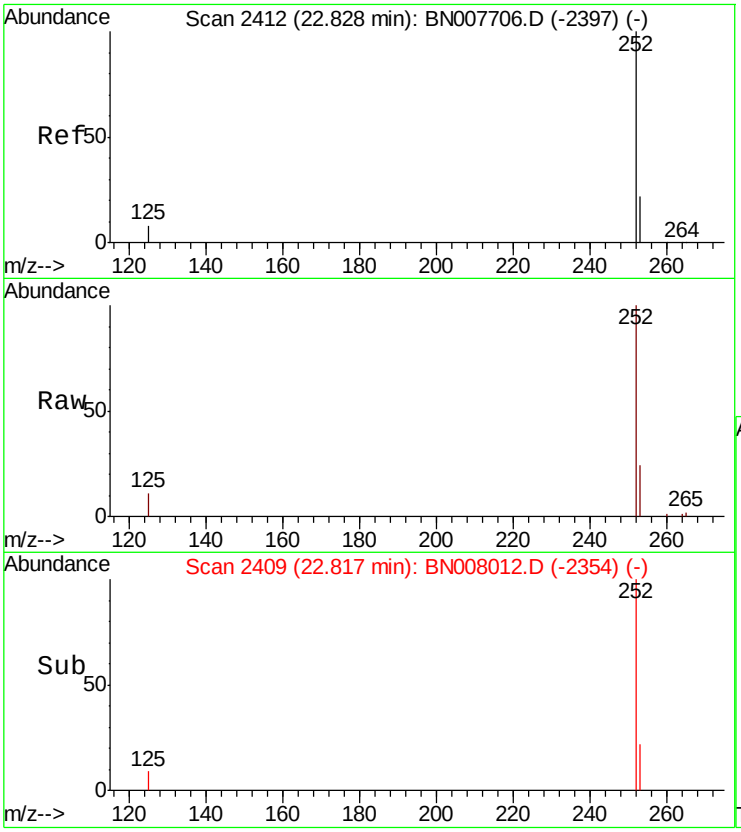


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:264 Resp: 162102

Ion	Ratio	Lower	Upper
264	100		
260	28.2	19.3	28.9
265	42.3	26.9	40.3#



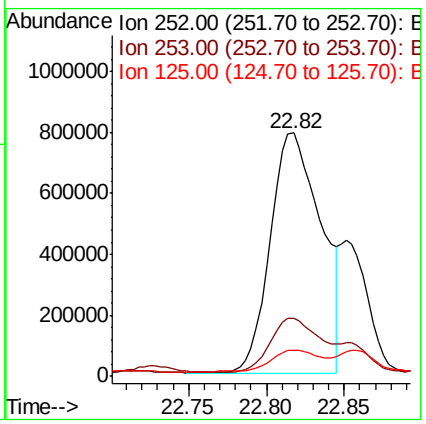


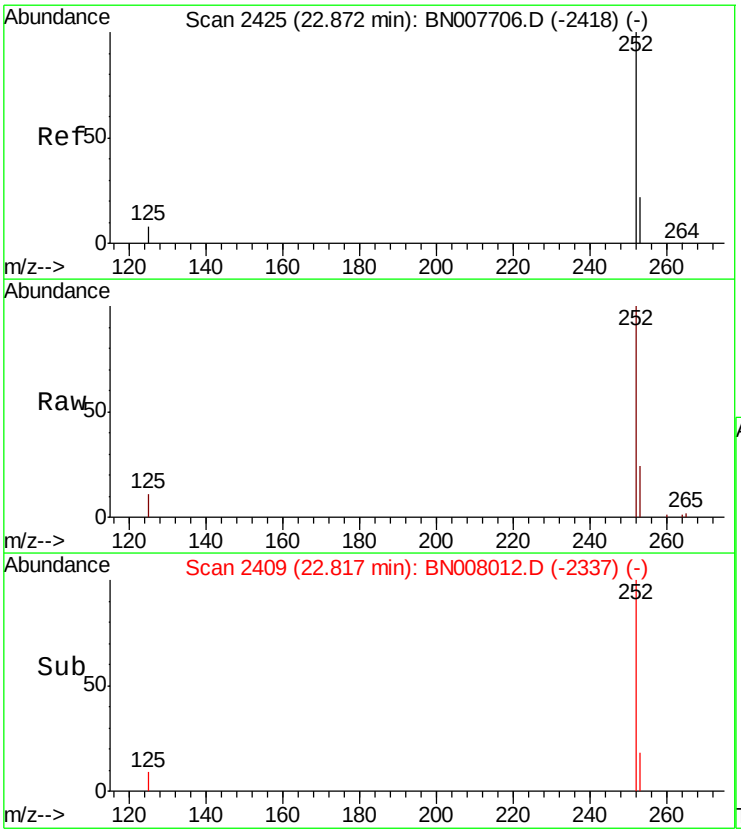
#35
Benzo(b)fluoranthene
Concen: 3.169 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1783179

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	10.7	8.2	12.4

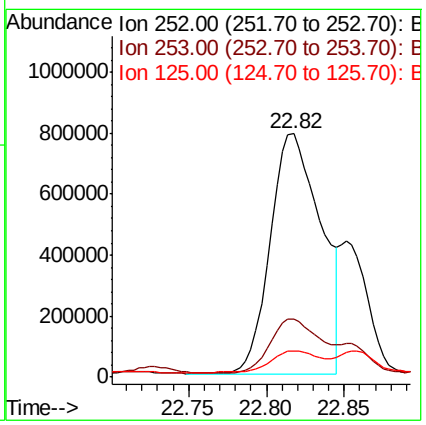


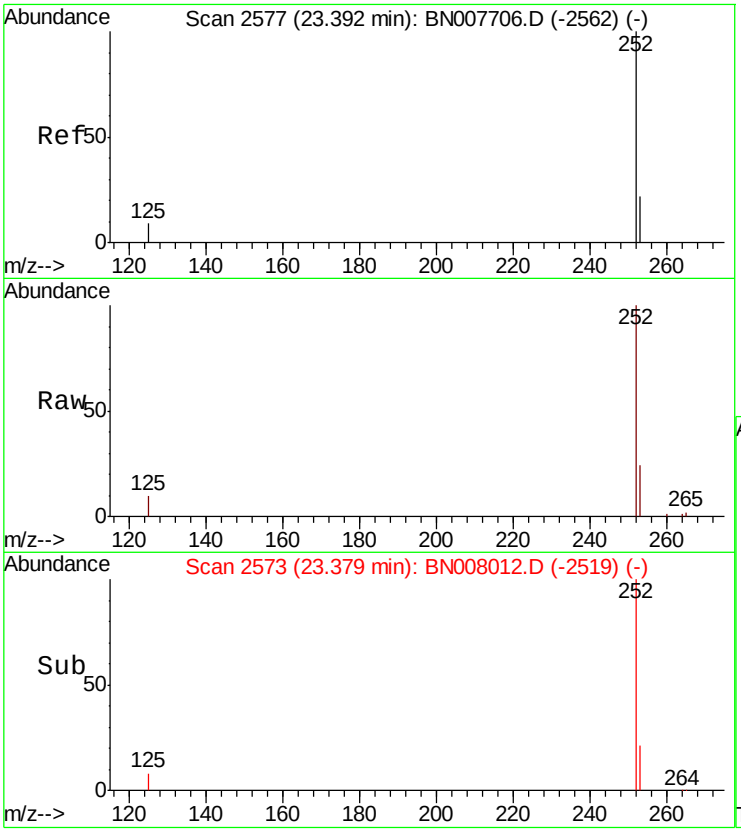


#36
Benzo(k)fluoranthene
Concen: 3.204 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.05 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:252 Resp: 1783179

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	10.7	8.4	12.6



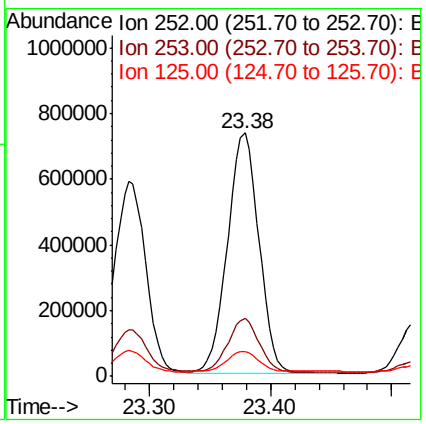


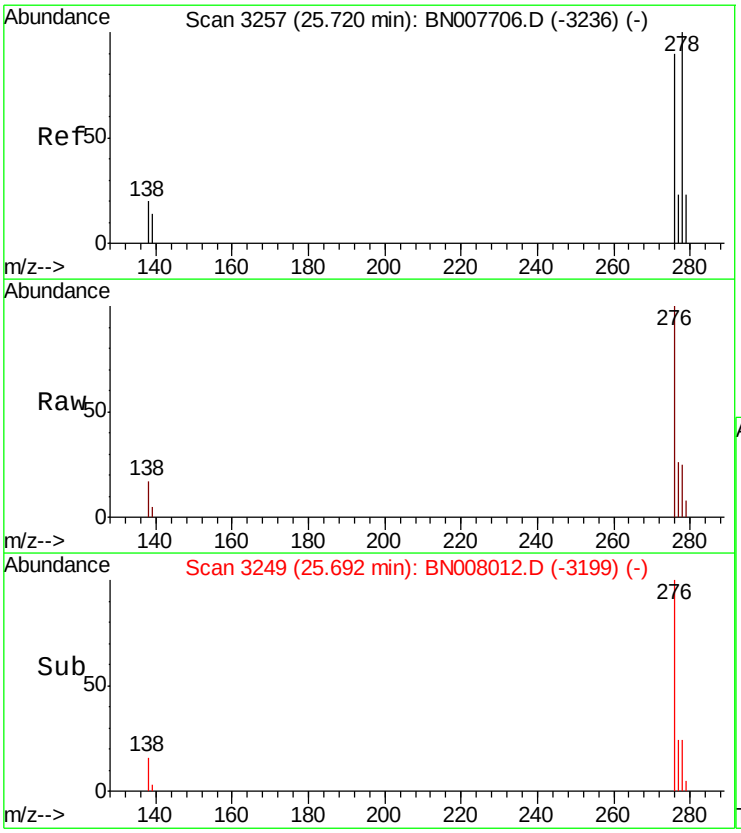
#37
Benzo(a)pyrene
Concen: 2.483 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1313300

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	10.4	9.4	14.0

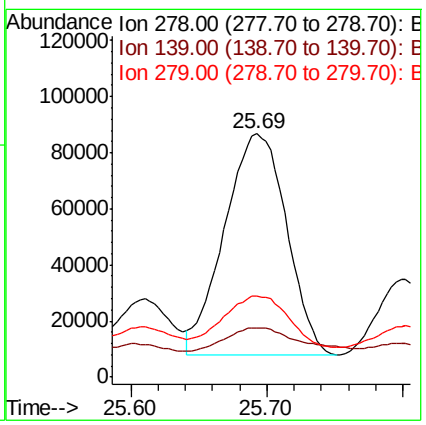


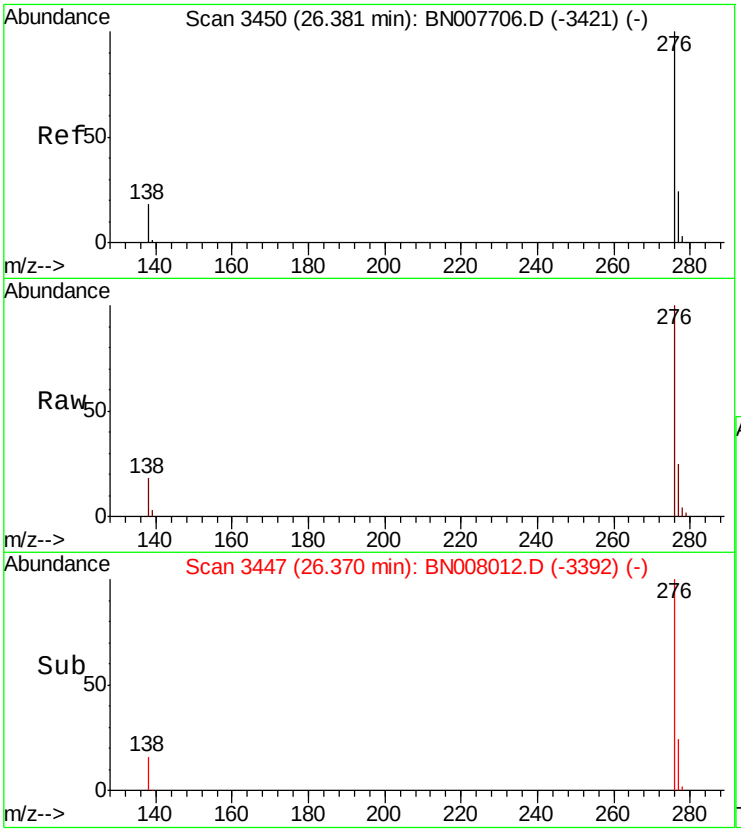


#38
Dibenzo(a,h)anthracene
Concen: 0.464 ng
RT: 25.69 min Scan# 3249
Delta R.T. -0.03 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Tgt Ion:278 Resp: 251063

Ion	Ratio	Lower	Upper
278	100		
139	20.2	11.8	17.6#
279	33.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.866 ng
RT: 26.37 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BN008012.D
Acq: 04 Oct 2019 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 999152

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	17.8	15.1	22.7