Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008020.D
Acq On : 05 Oct 2019 01:09
Operator : JU
Sample : K5078-20DLRE 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 04:26:48 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	7.69	152	17314	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	71976	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	47519	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	110495	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	116119	0.40	ng		-0.01
34) Perylene-d12	23.47	264	131116	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2925	0.05	ng		0.00
5) Phenol-d6	6.89	99	4015	0.05	ng		0.02
8) Nitrobenzene-d5	8.82	82	3168	0.05	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	7093	0.06	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1694	0.07	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	9828	0.05	ng		-0.01
25) Fluoranthene-d10	19.10	212	21871	0.06	ng		0.00
29) Terphenyl-d14	19.70	244	19066	0.07	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	12193	1.379	ng	#	77
9) Naphthalene	10.51	128	8645	0.043	ng	#	93
12) 2-Methylnaphthalene	12.12	142	5582	0.041	ng		95
16) Acenaphthylene	14.04	152	65893	0.261	ng		99
17) Acenaphthene	14.37	154	28603	0.176	ng		97
18) Fluorene	15.36	166	43992	0.211	ng		96
23) Phenanthrene	17.10	178	970266	2.819	ng		100
24) Anthracene	17.19	178	89800	0.289	ng	#	92
26) Fluoranthene	19.13	202	1509477	3.527	ng		99
28) Pyrene	19.49	202	1255938	3.171	ng	#	96
30) Benzo(a)anthracene	21.24	228	522499	1.222	ng		98
31) Chrysene	21.29	228	627441	1.506	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	22355	0.102	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.69	276	406029	0.778	ng	#	94
35) Benzo(b)fluoranthene	22.82	252	815802	1.792	ng		99
36) Benzo(k)fluoranthene	22.82	252	815802	1.812	ng		99
37) Benzo(a)pyrene	23.38	252	520118	1.216	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	93795	0.214	ng	#	83
39) Benzo(g,h,i)perylene	26.37	276	394541	0.911	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008020.D
Acq On : 05 Oct 2019 01:09
Operator : JU
Sample : K5078-20DLRE 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
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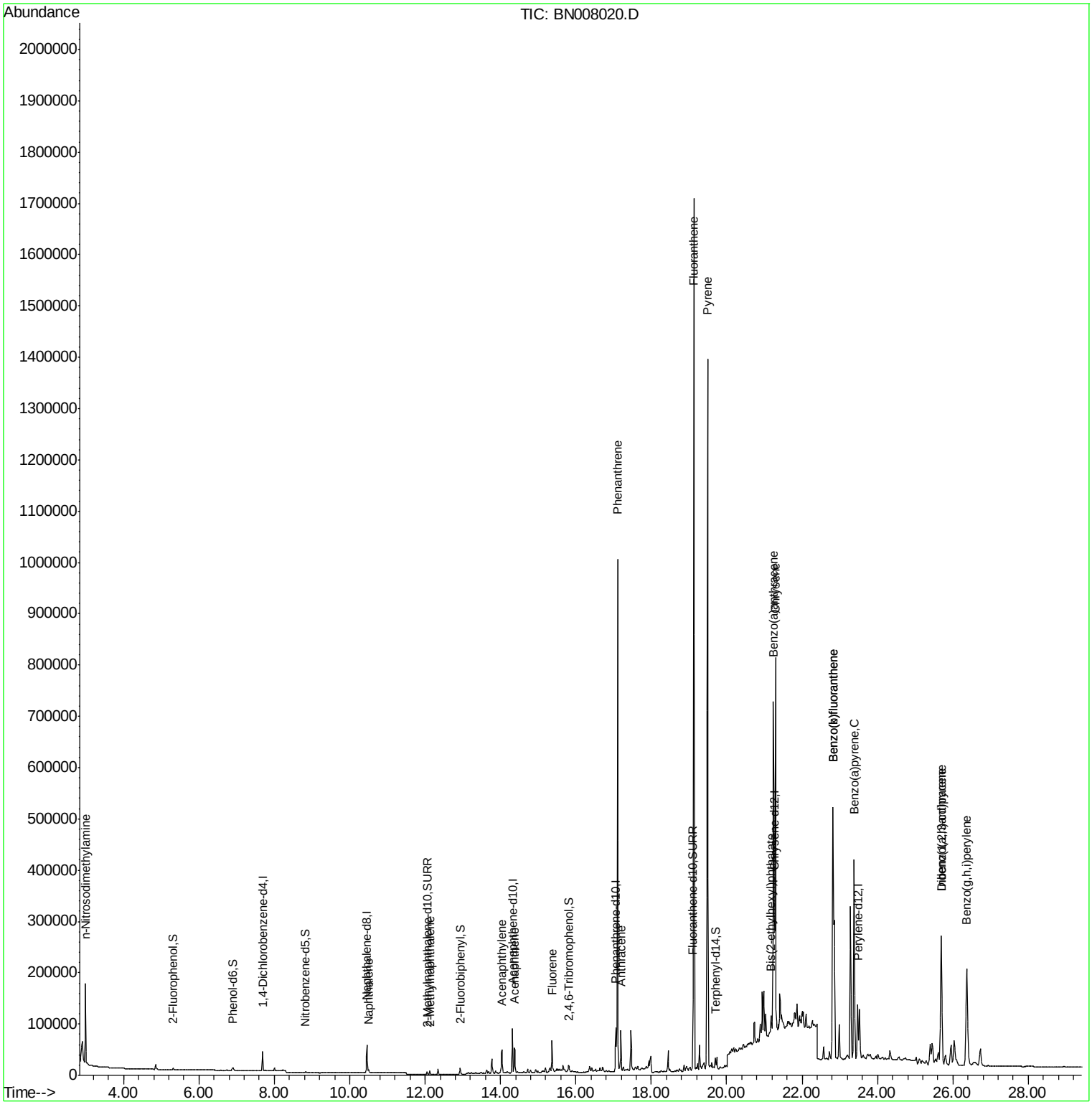
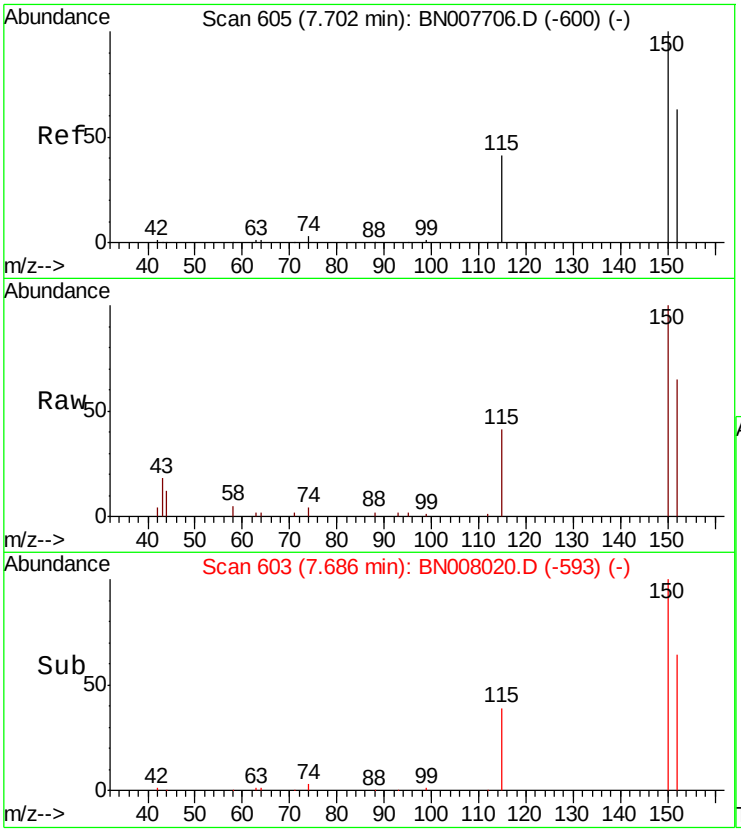


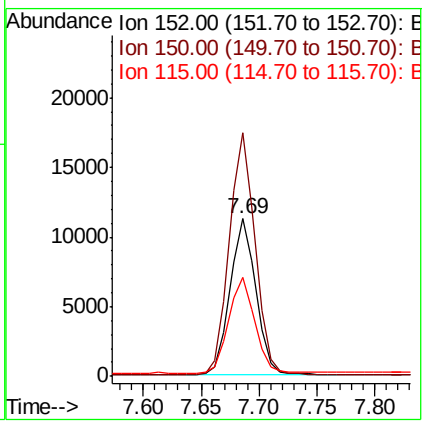


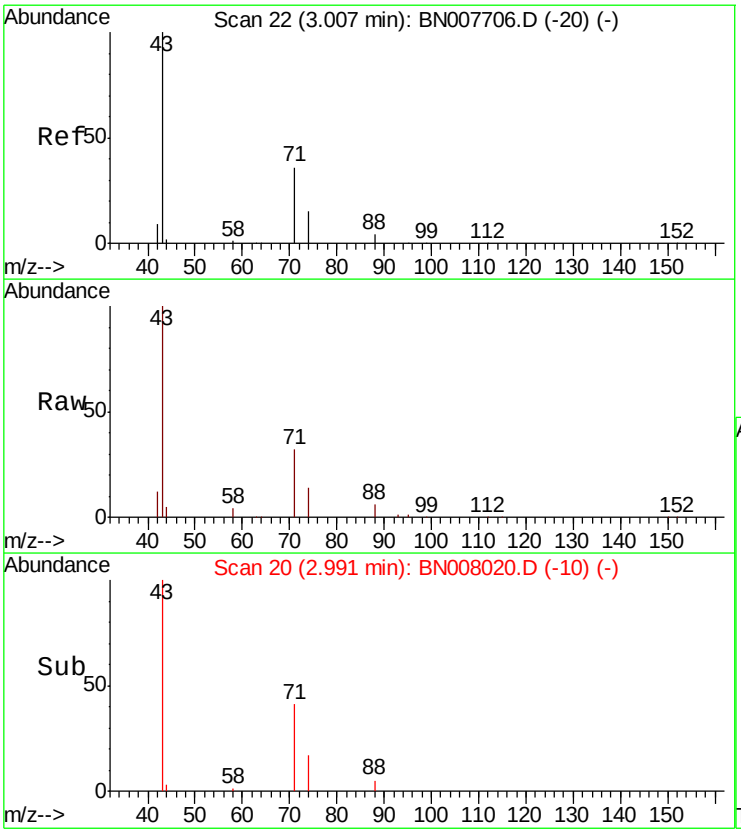
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 17314

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	62.6	53.3	79.9

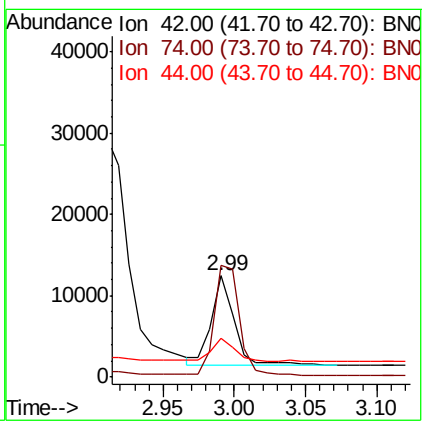


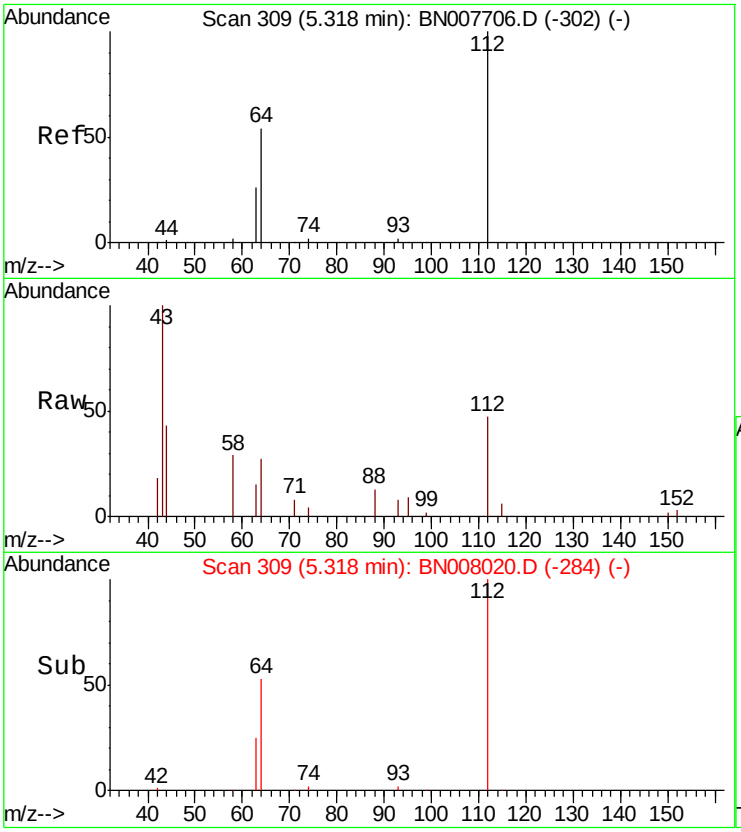


#3
n-Nitrosodimethylamine
Concen: 1.379 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion: 42 Resp: 12193

Ion	Ratio	Lower	Upper
42	100		
74	135.2	87.9	131.9#
44	24.1	29.4	44.0#



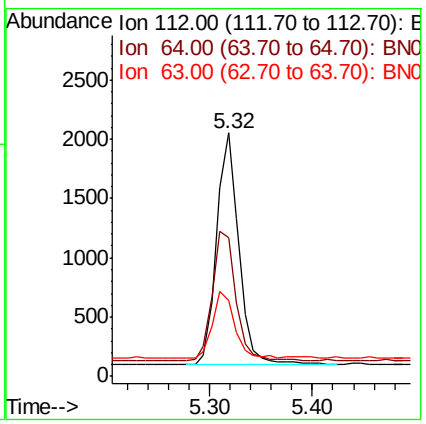


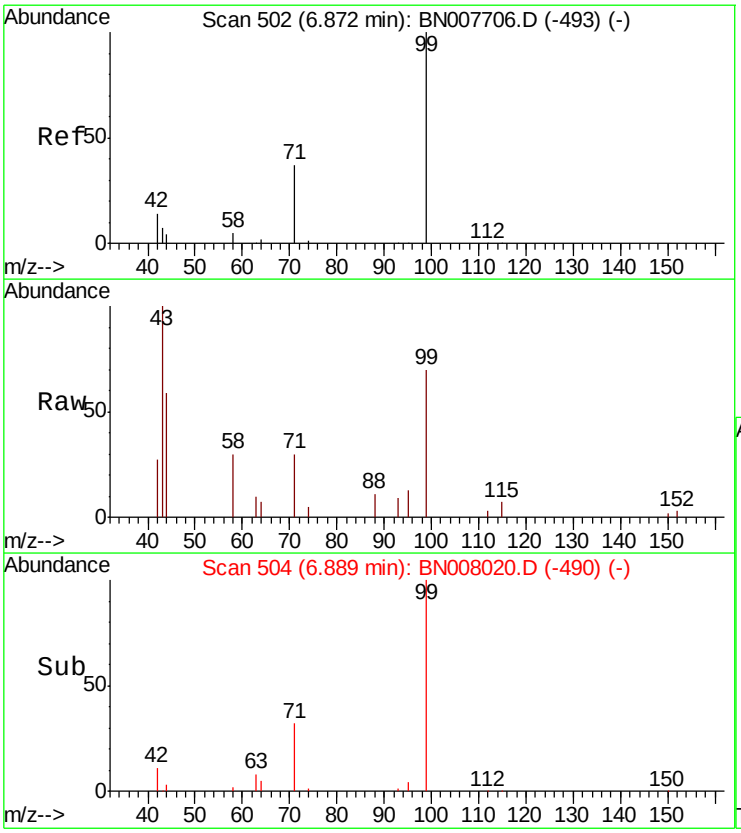
#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2925

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.6	70.0
63	28.3	23.1	34.7

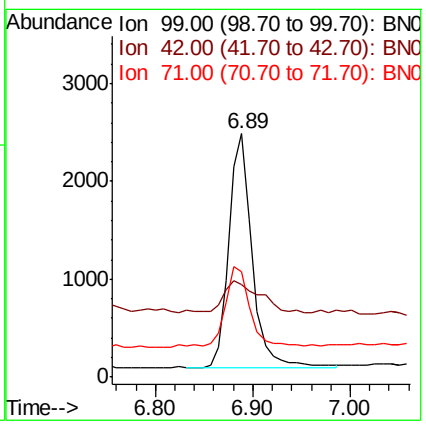


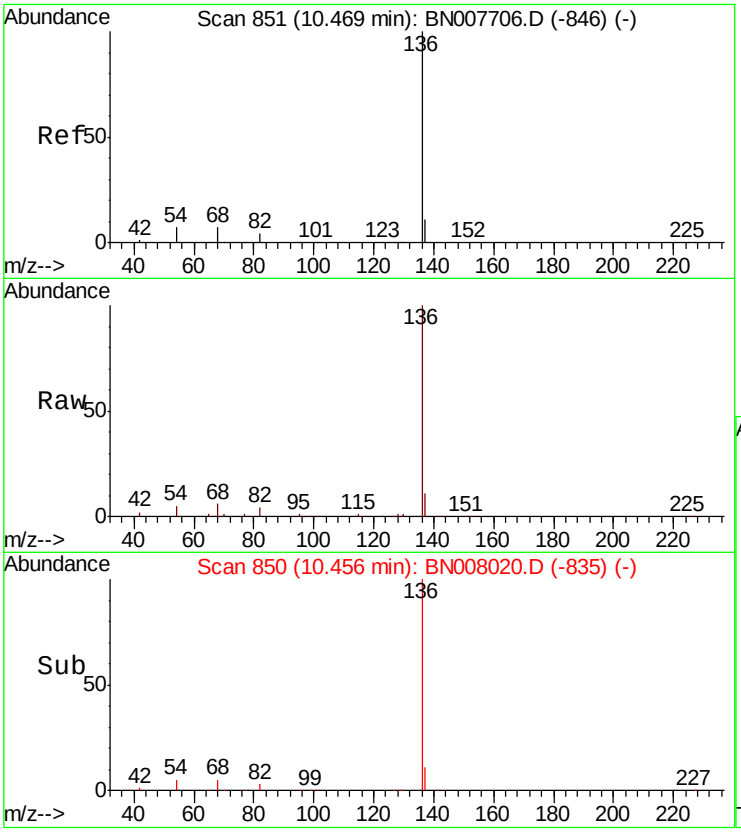


#5
Phenol-d6
Concen: 0.049 ng
RT: 6.89 min Scan# 504
Delta R.T. 0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion: 99 Resp: 4015

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	37.2	27.6	41.4



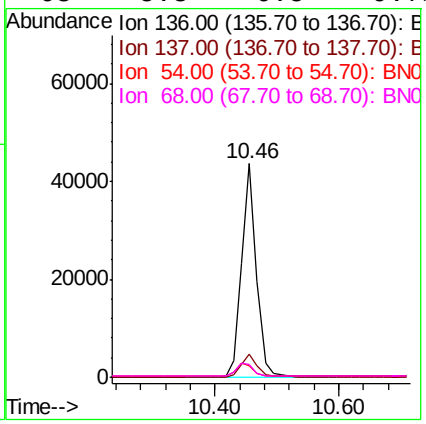


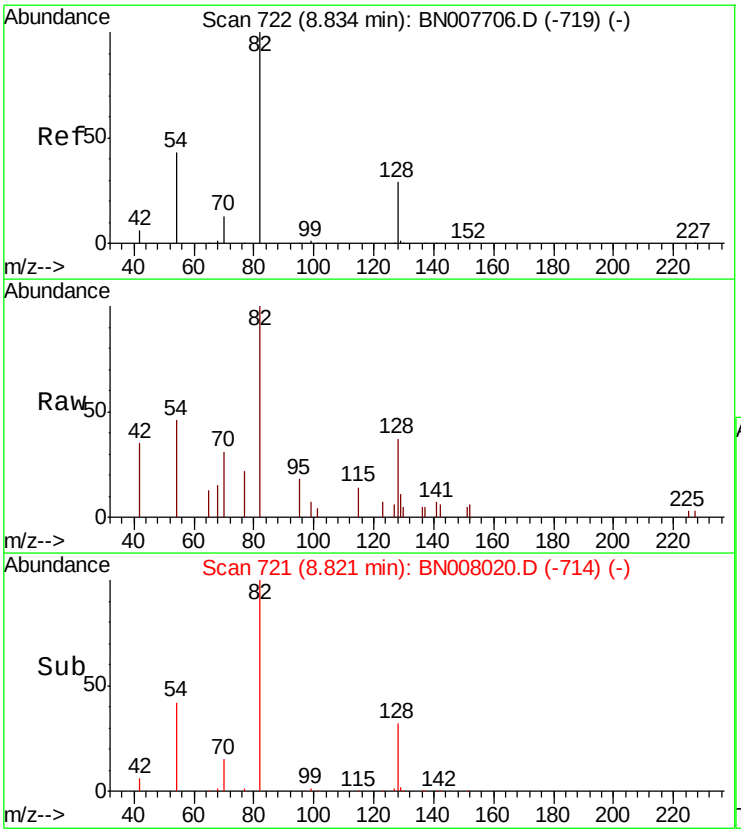
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 71976

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.1	5.8	8.8#
68	5.8	6.5	9.7#

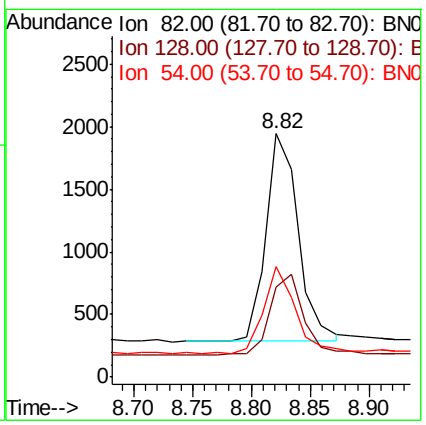


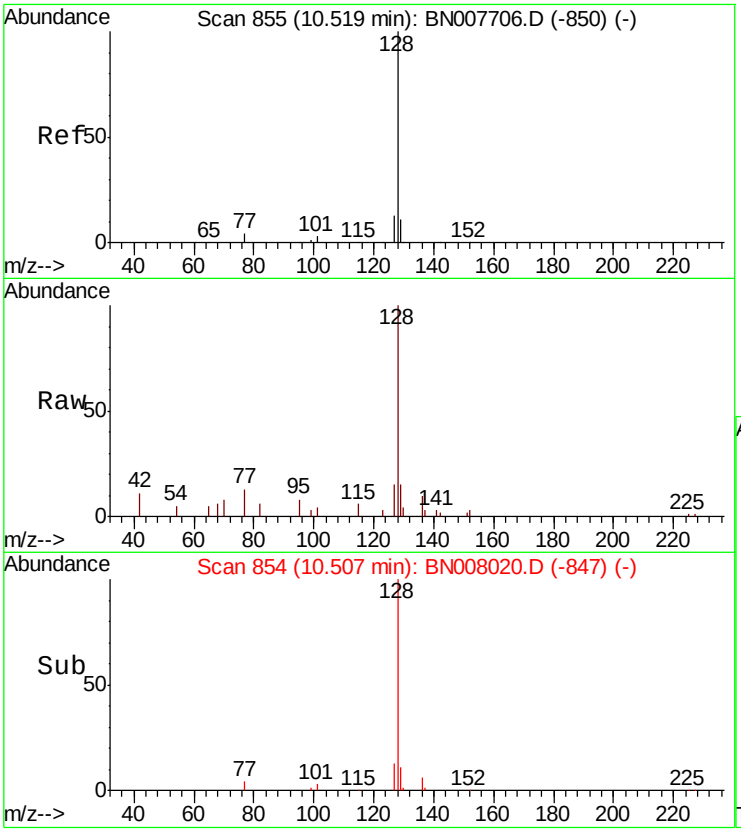


#8
Nitrobenzene-d5
Concen: 0.050 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion: 82 Resp: 3168

Ion	Ratio	Lower	Upper
82	100		
128	36.7	24.5	36.7#
54	45.6	35.2	52.8



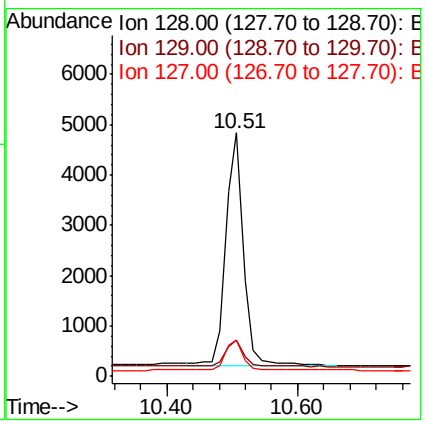


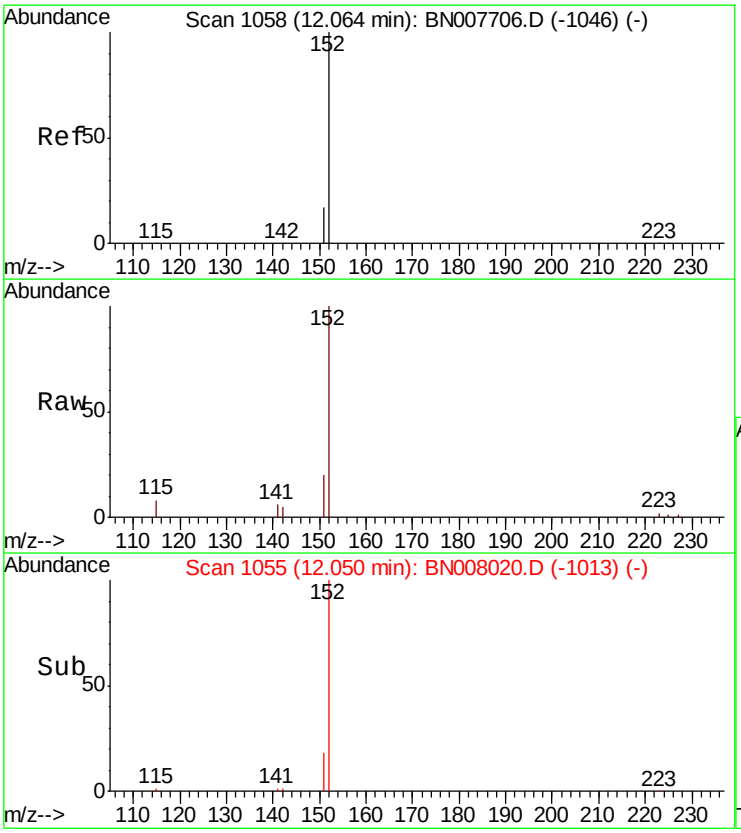
#9
Naphthalene
Concen: 0.043 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 8645

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.1	13.7#
127	14.9	10.6	15.8

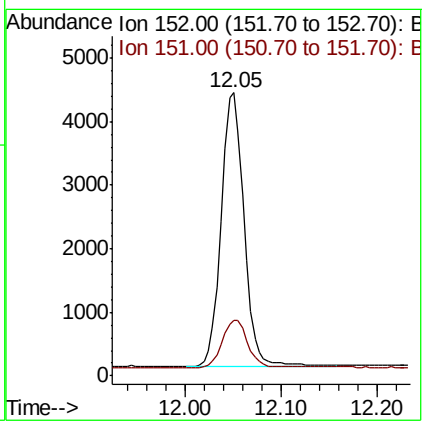


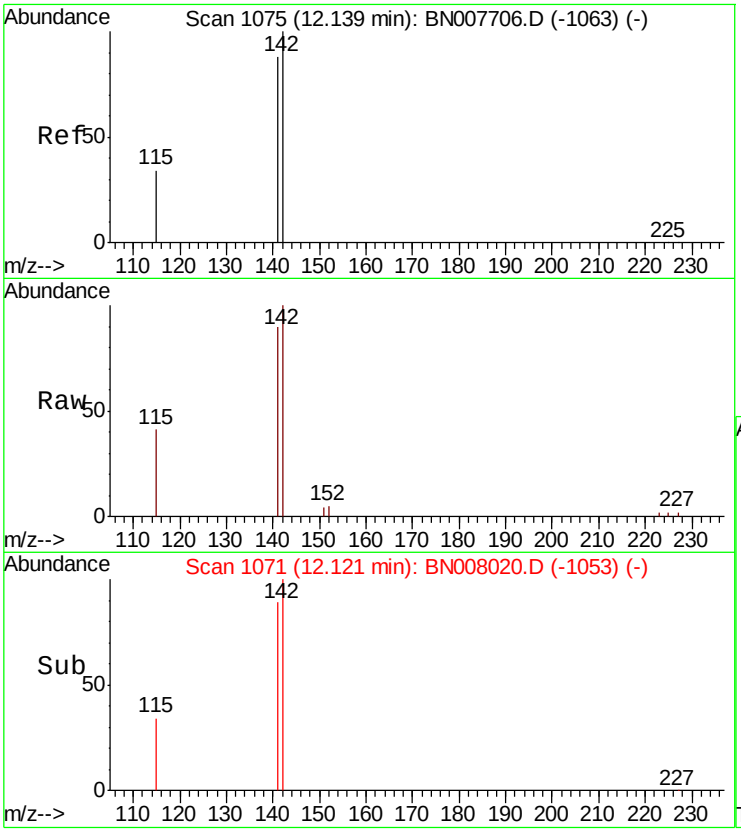


#11
2-Methylnaphthalene-d10
Concen: 0.058 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:152 Resp: 7093

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2



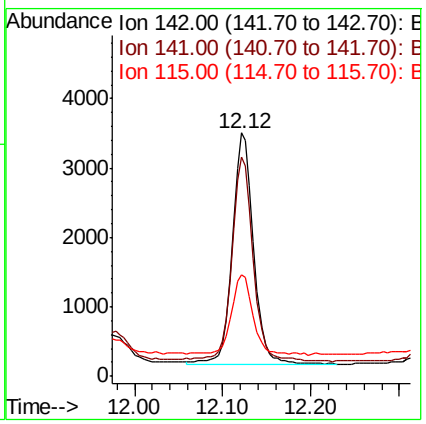


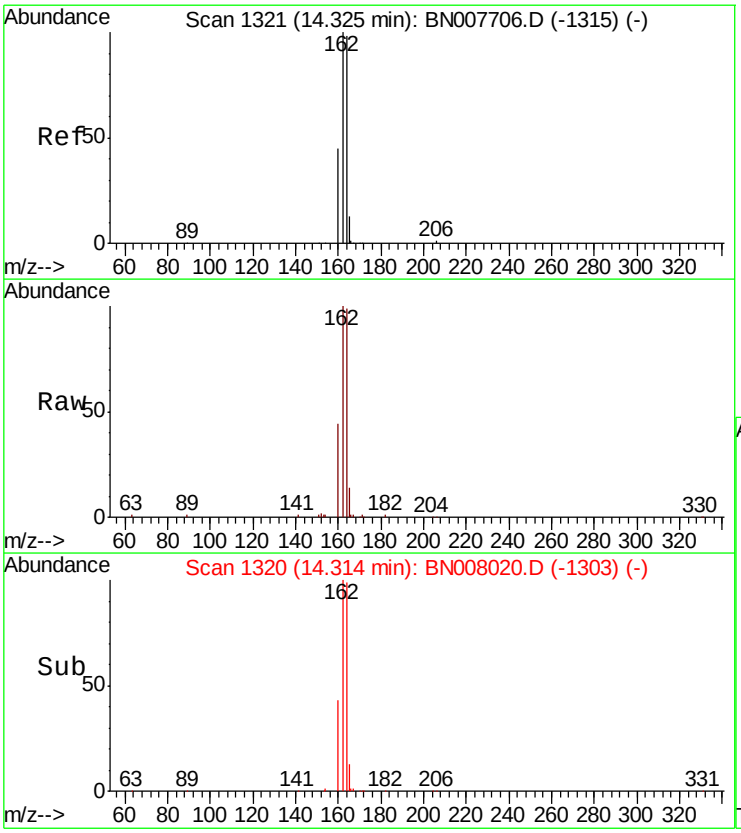
#12
2-Methylnaphthalene
Concen: 0.041 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 5582

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.6	106.0
115	41.5	28.3	42.5

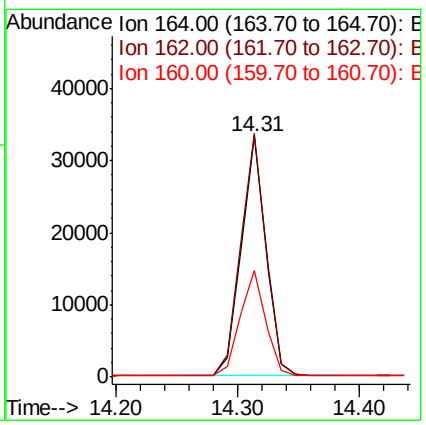


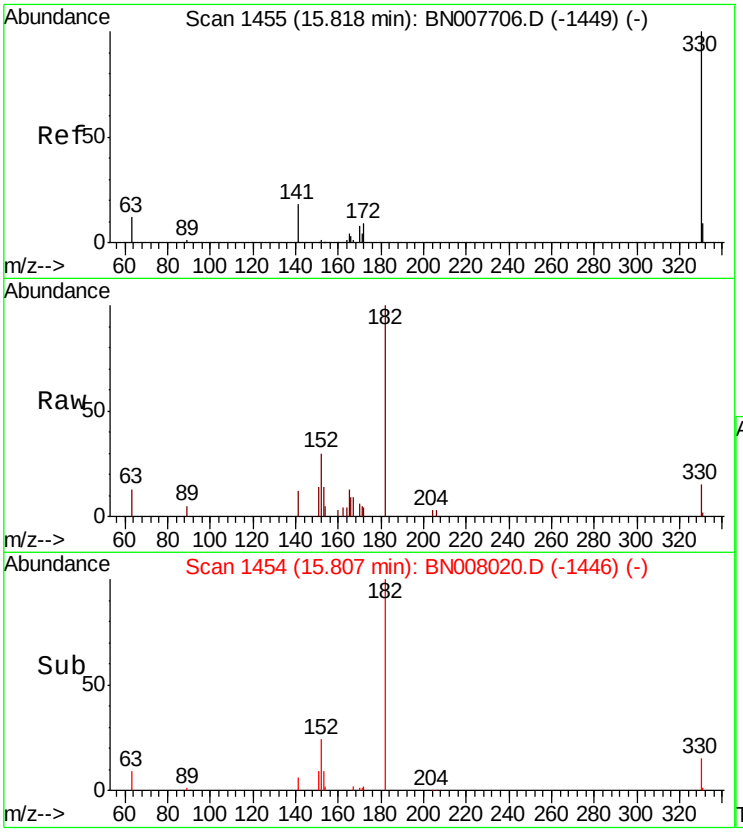


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:164 Resp: 47519

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	44.2	37.0	55.4



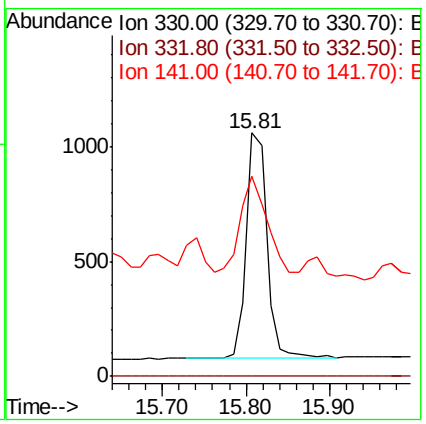


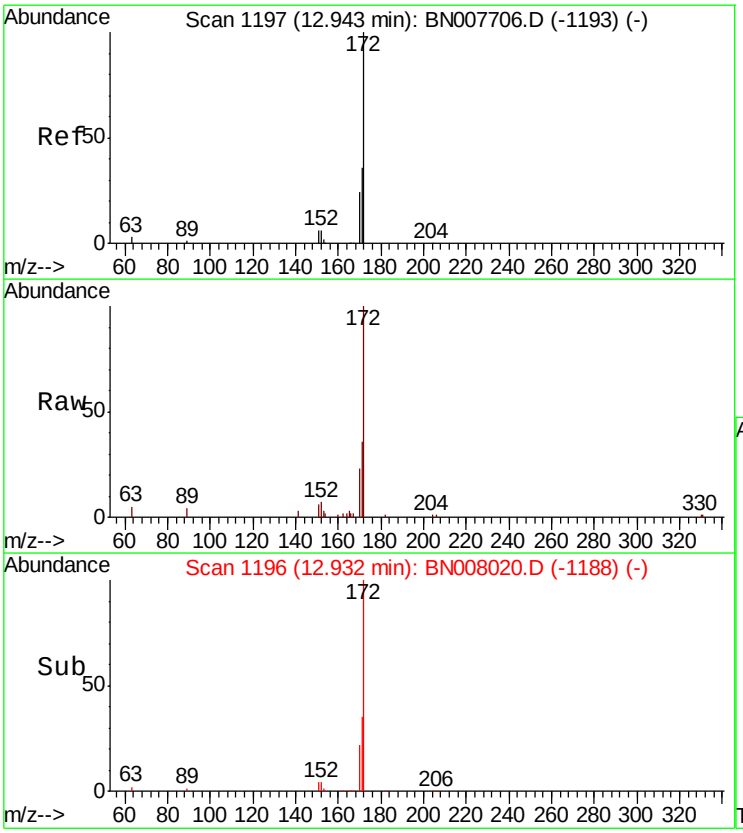
#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1694

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.5	28.7	43.1#

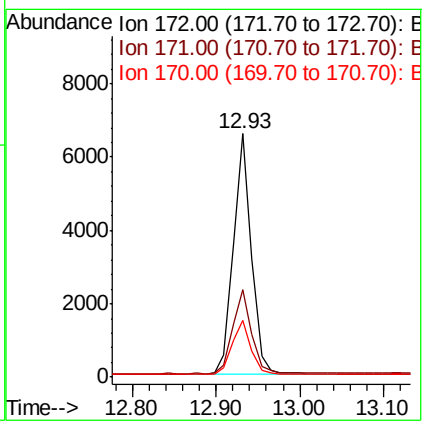


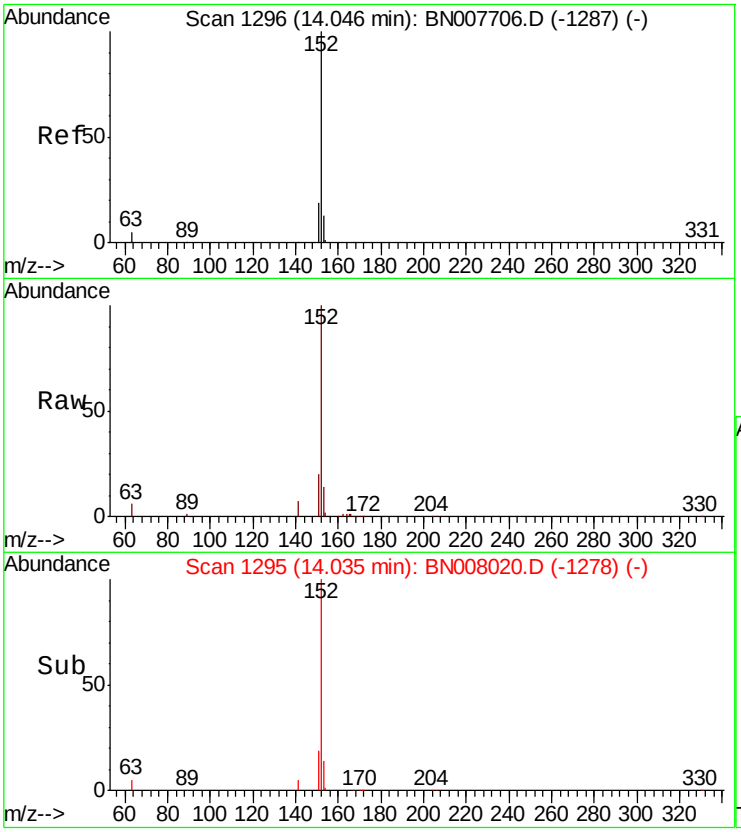


#15
2-Fluorobiphenyl
Concen: 0.050 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:172 Resp: 9828

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.3	19.5	29.3



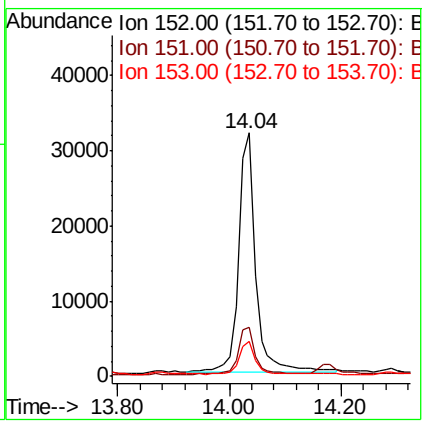


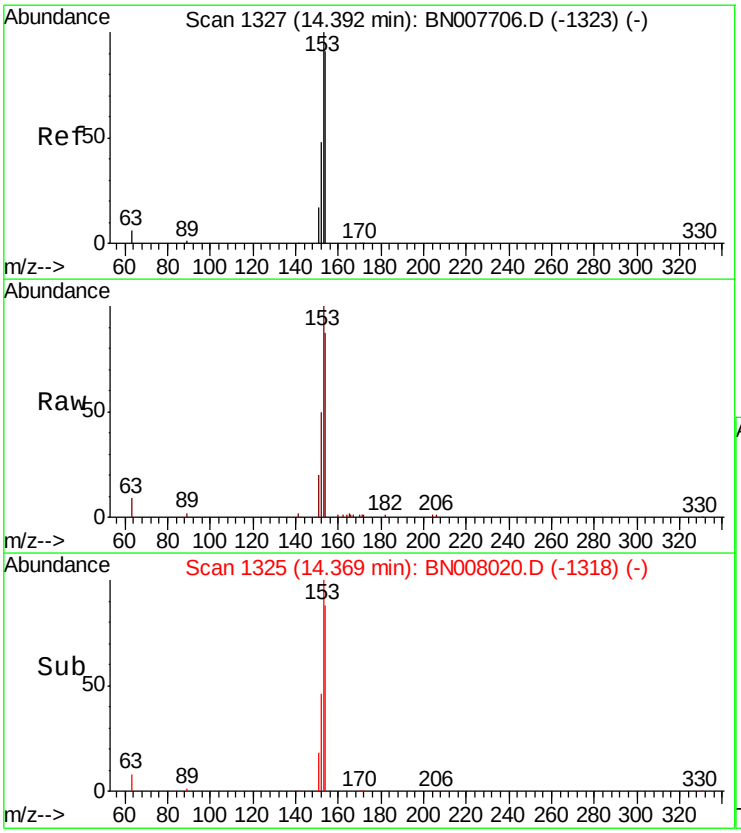
#16
Acenaphthylene
Concen: 0.261 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 65893

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.8	10.4	15.6

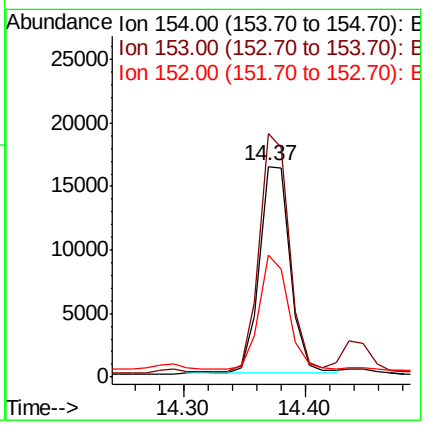


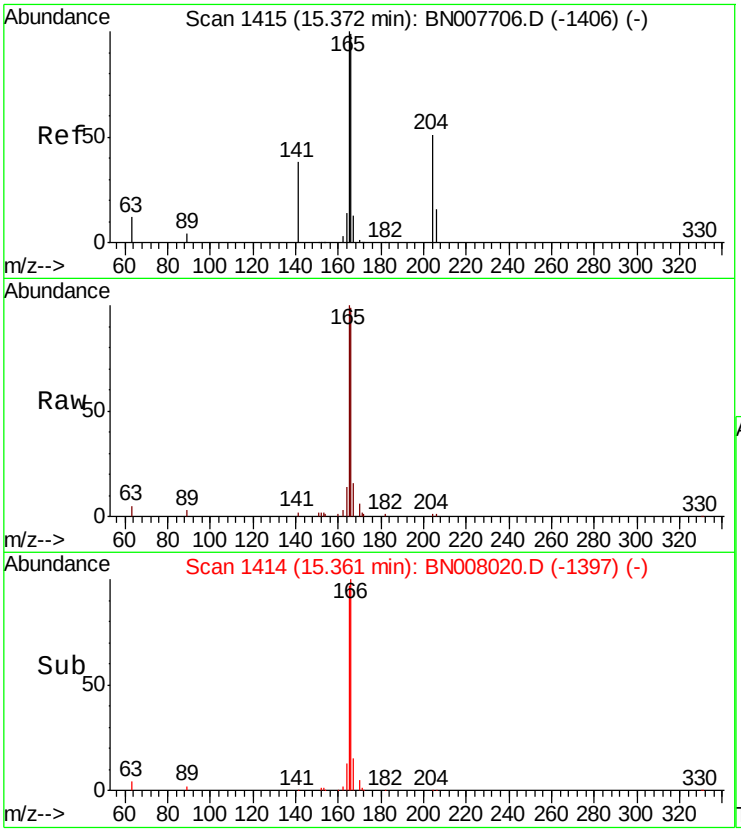


#17
Acenaphthene
Concen: 0.176 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:154 Resp: 28603

Ion	Ratio	Lower	Upper
154	100		
153	113.1	87.0	130.4
152	52.1	42.7	64.1



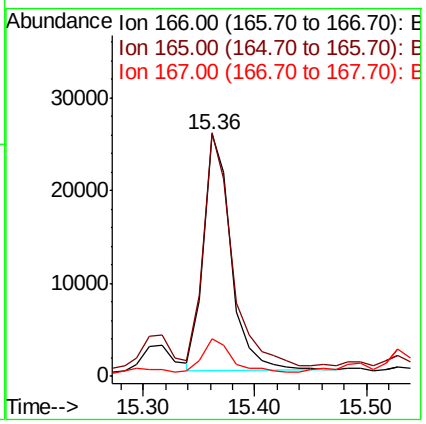


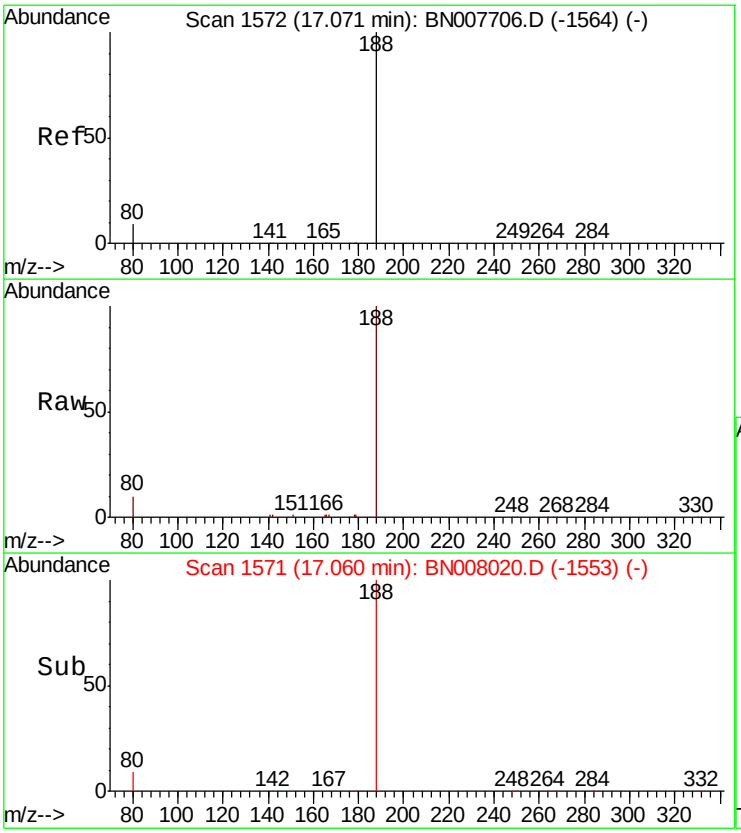
#18
Fluorene
Concen: 0.211 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 43992

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.0	117.0
167	15.3	10.9	16.3

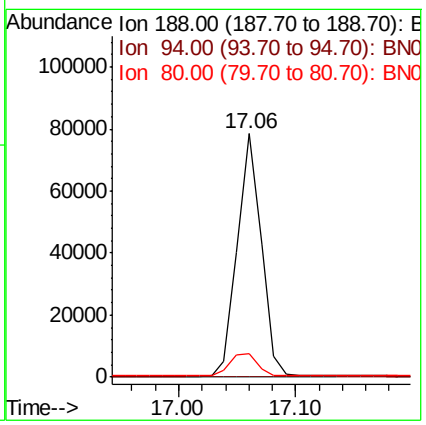


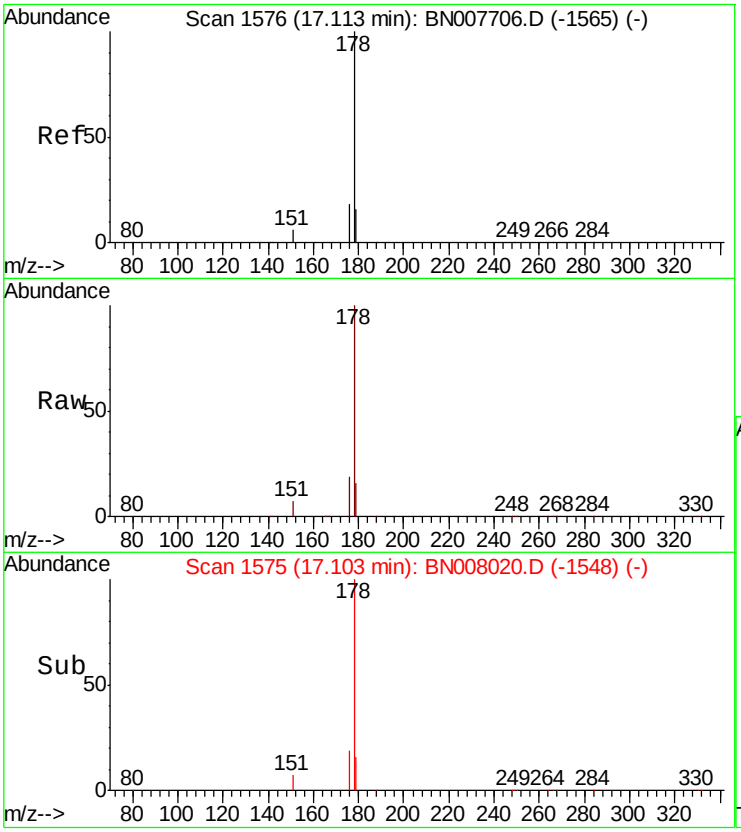


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:188 Resp: 110495

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.4	11.2



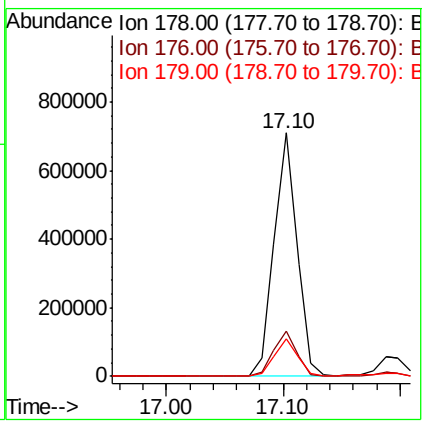


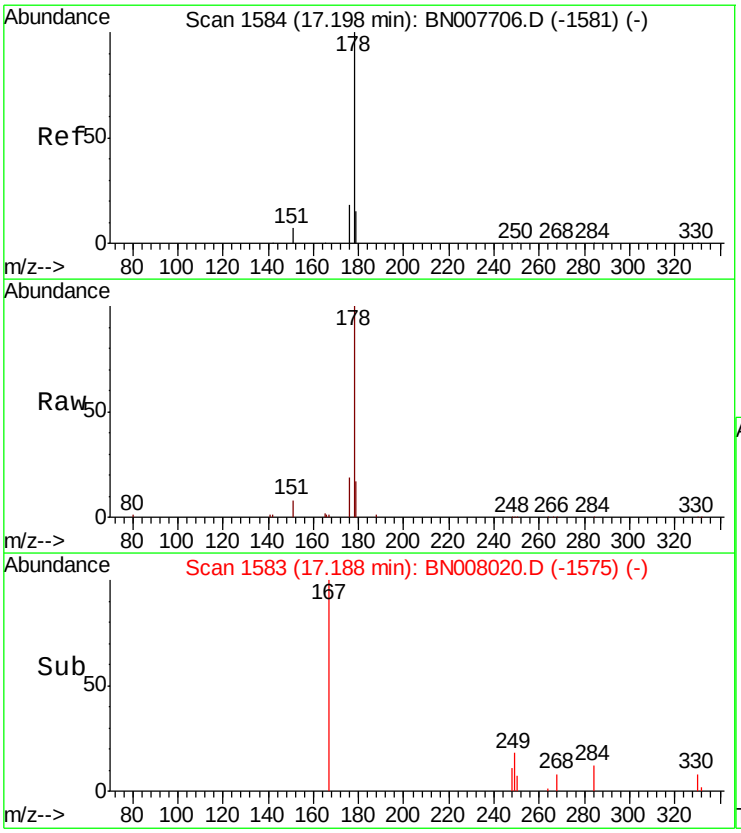
#23
Phenanthrene
Concen: 2.819 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 970266

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

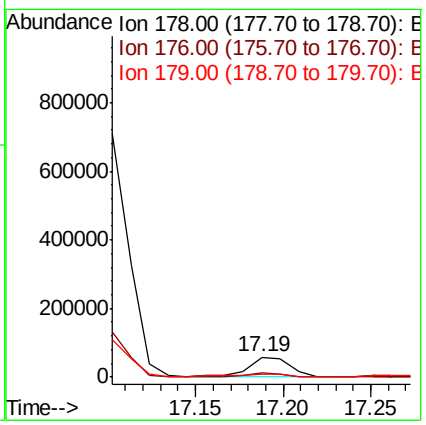


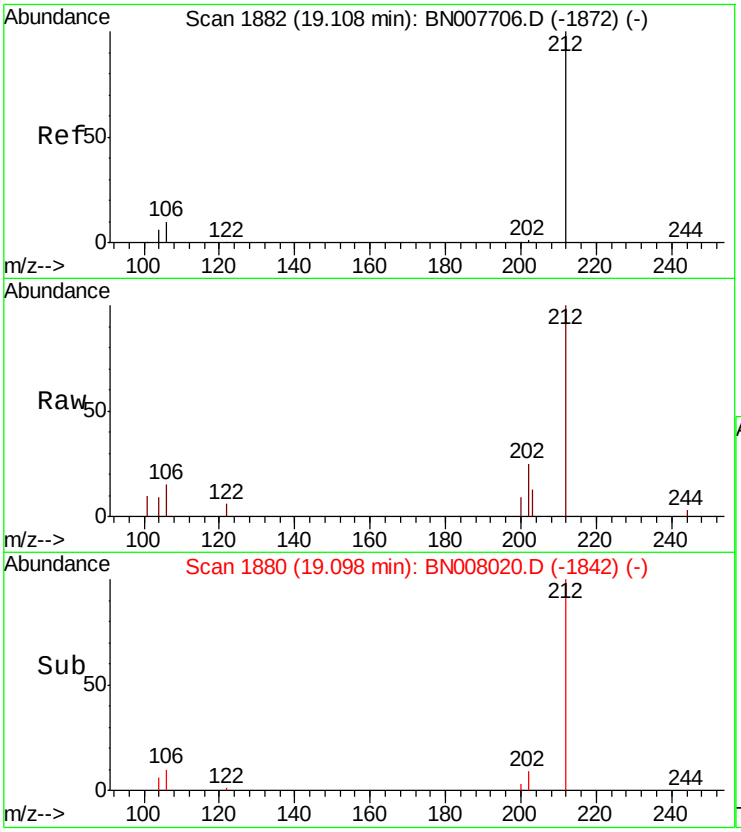


#24
Anthracene
Concen: 0.289 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:178 Resp: 89800

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	21.8
179	22.3	12.2	18.4#



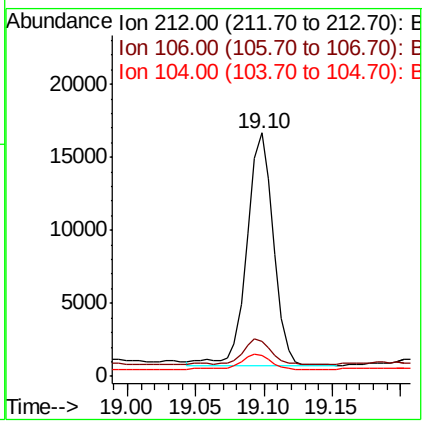


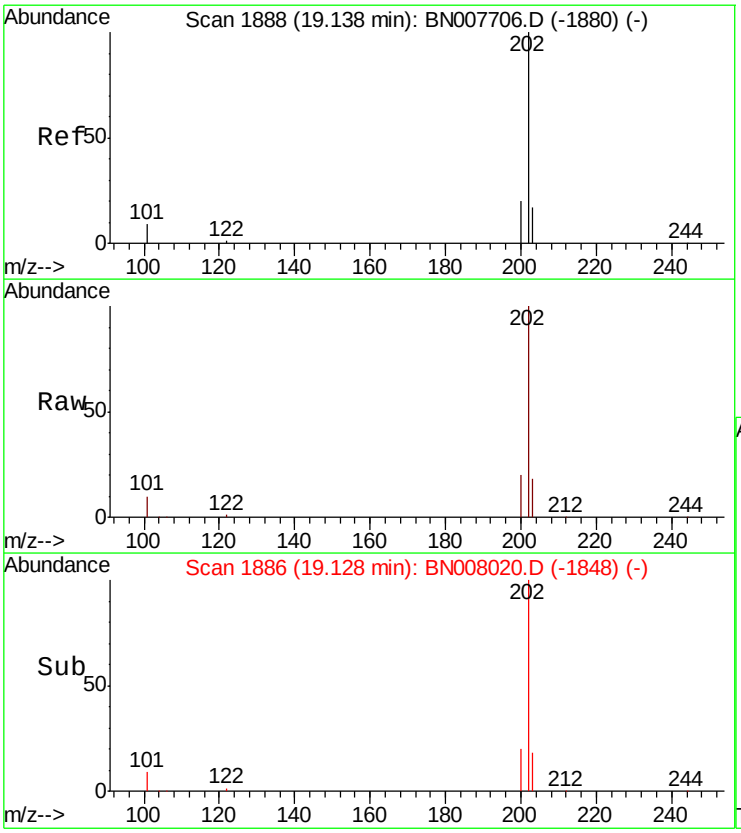
#25
Fluoranthene-d10
Concen: 0.059 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 21871

Ion	Ratio	Lower	Upper
212	100		
106	10.8	9.4	14.0
104	7.7	5.3	7.9

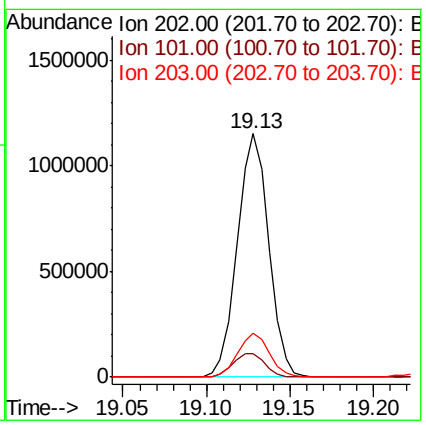


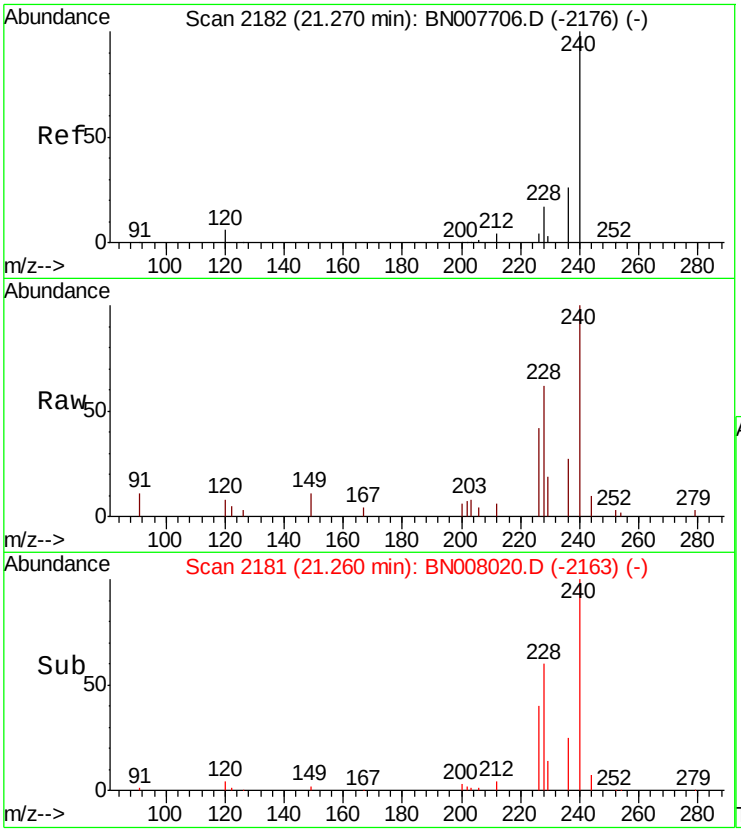


#26
Fluoranthene
Concen: 3.527 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:202 Resp: 1509477

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
203	17.7	13.8	20.8



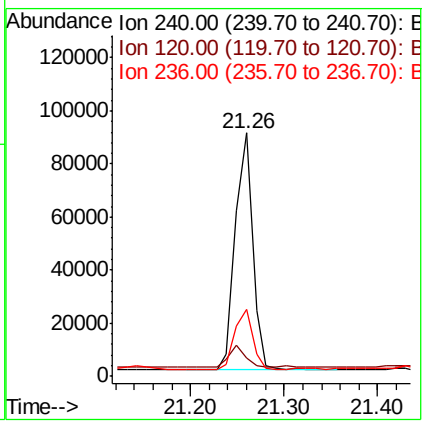


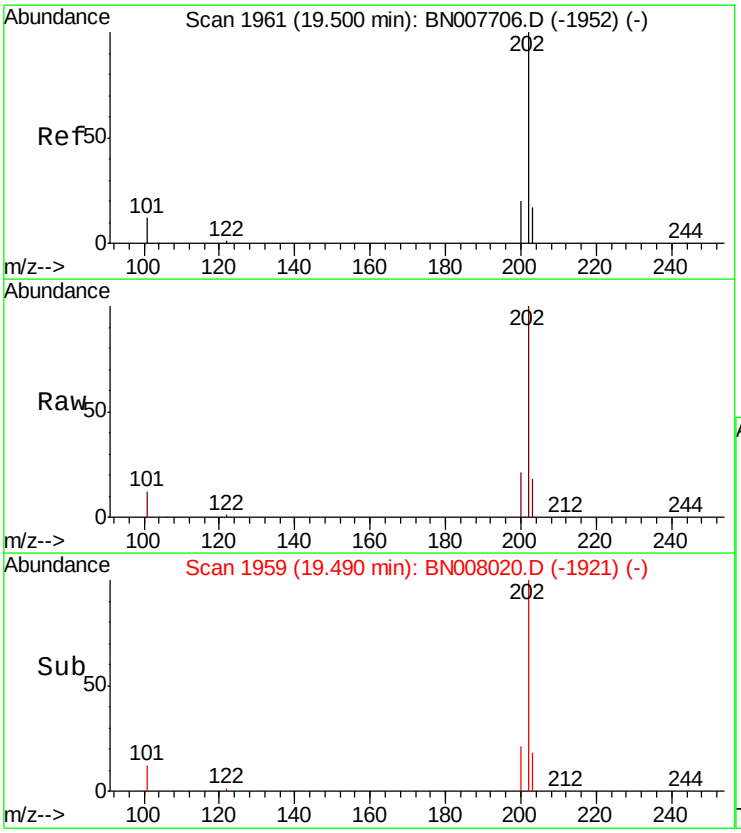
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 116119

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.4	8.2
236	27.5	21.0	31.4

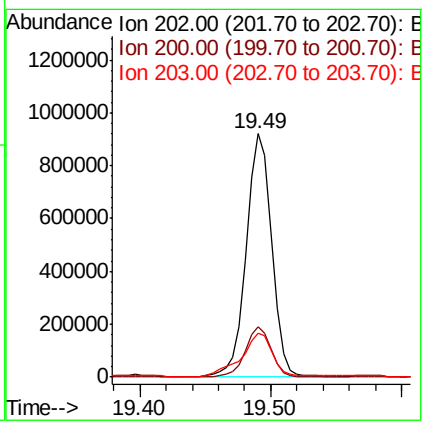


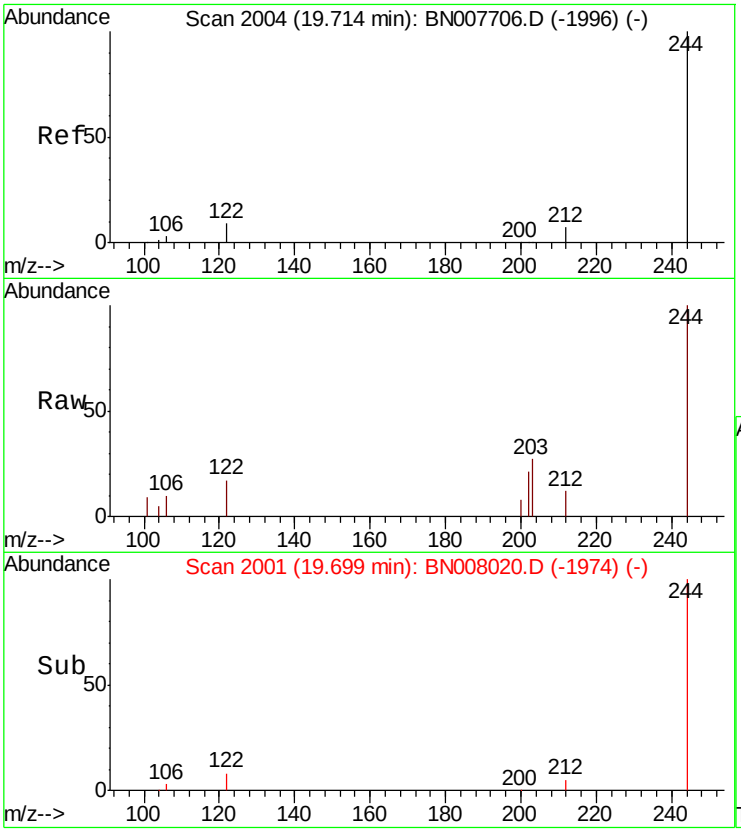


#28
Pyrene
Concen: 3.171 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:202 Resp: 1255938

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.7	14.1	21.1#



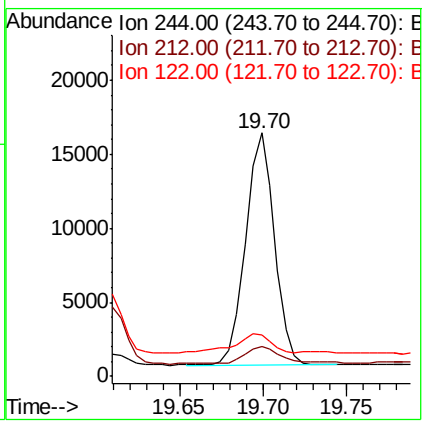


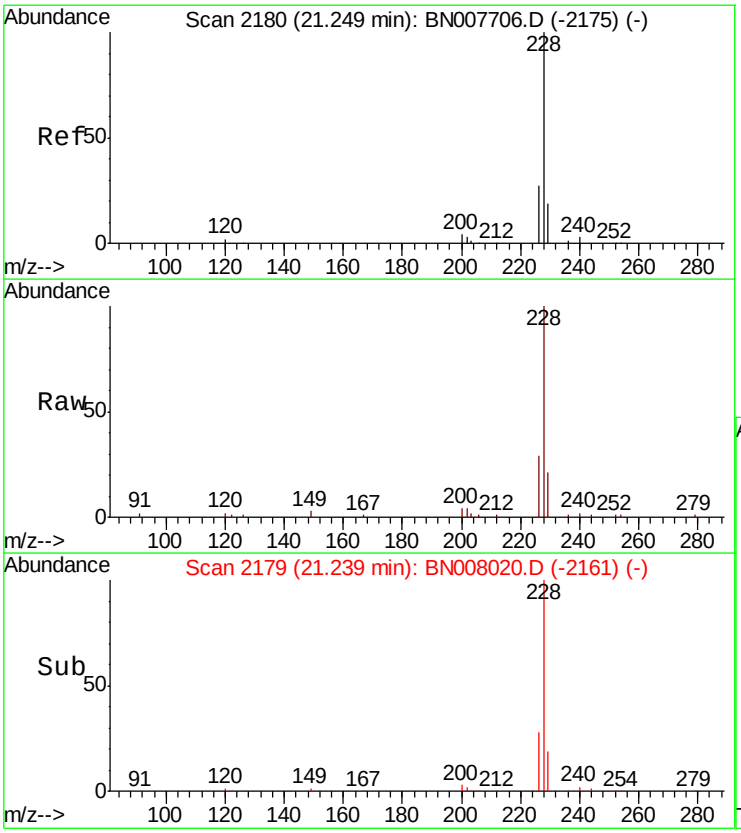
#29
Terphenyl-d14
Concen: 0.067 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19066

Ion	Ratio	Lower	Upper
244	100		
212	12.1	5.9	8.9#
122	17.2	7.4	11.2#

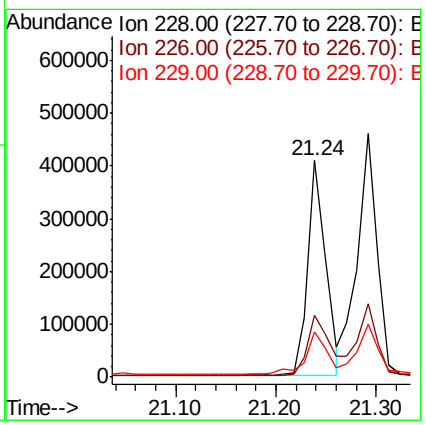


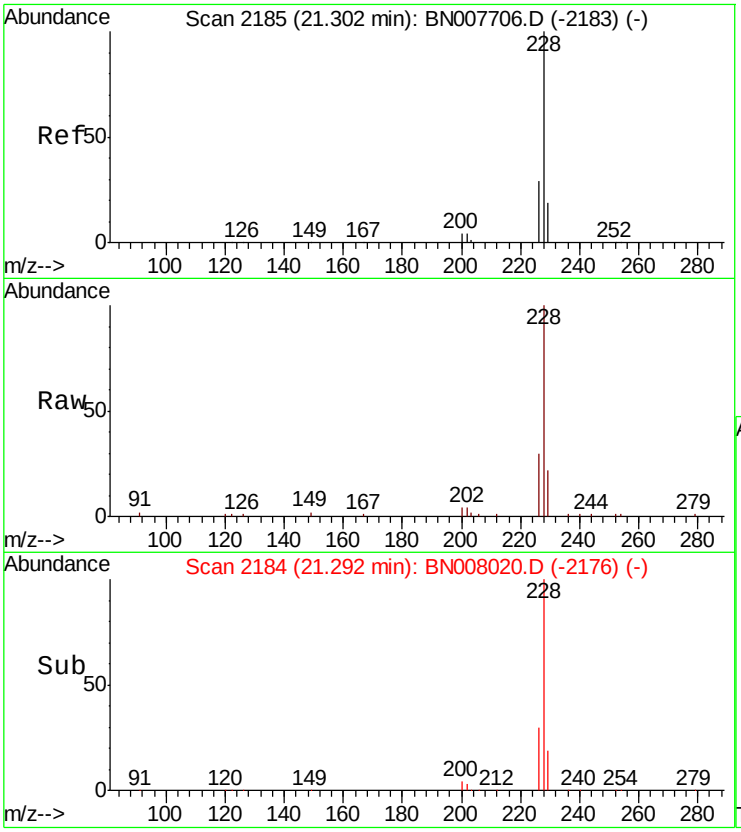


#30
Benzo(a)anthracene
Concen: 1.222 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:228 Resp: 522499

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.0	15.8	23.6



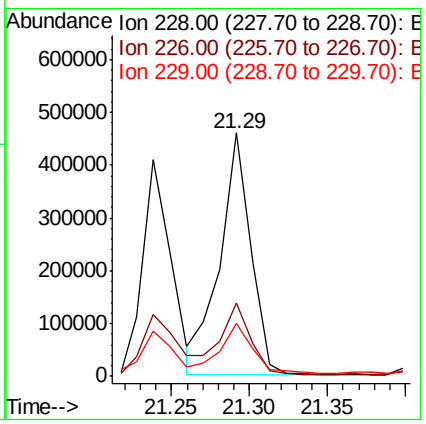


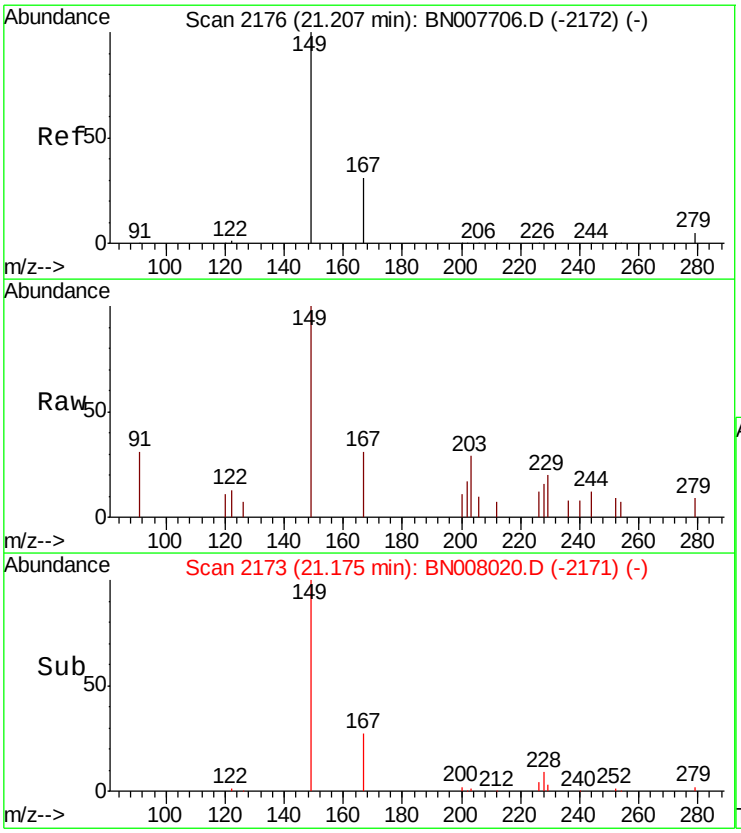
#31
Chrysene
Concen: 1.506 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 627441

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	21.8	15.8	23.6

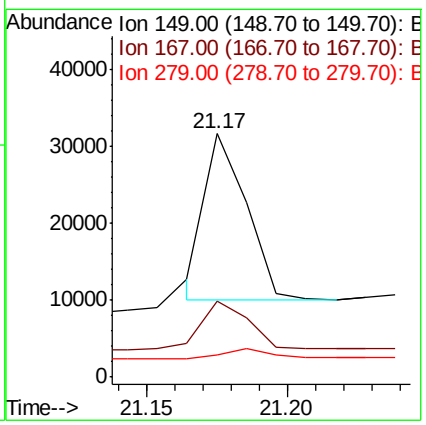


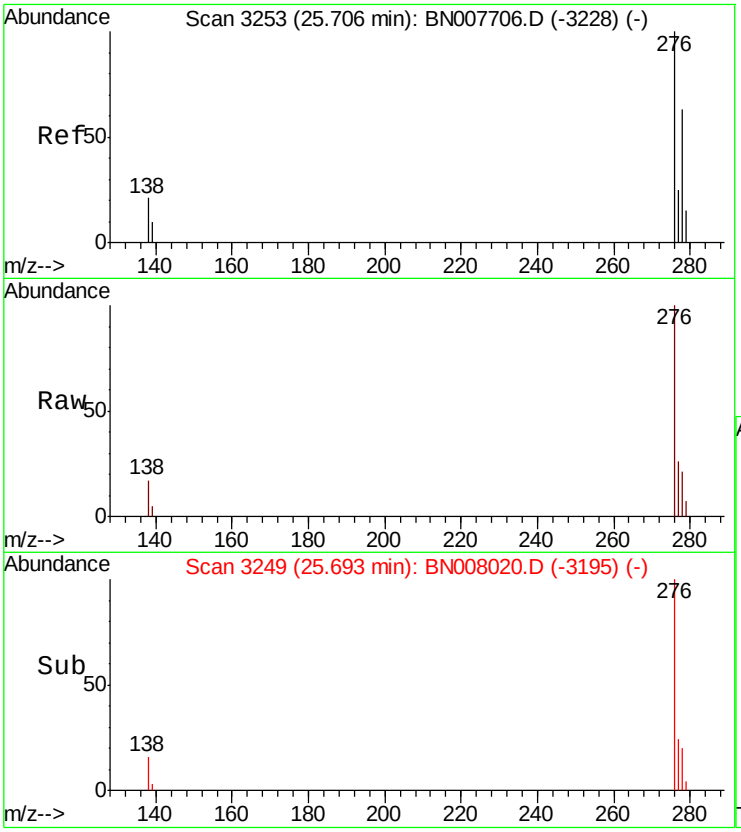


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:149 Resp: 22355

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.7	35.5
279	7.5	4.2	6.2#



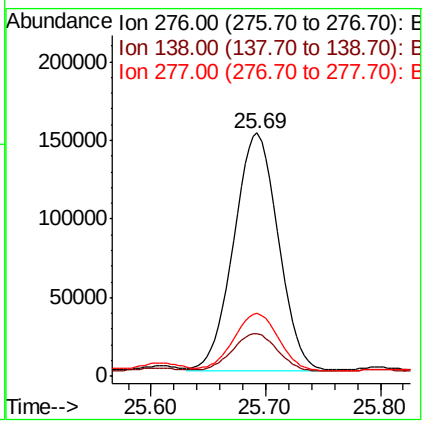


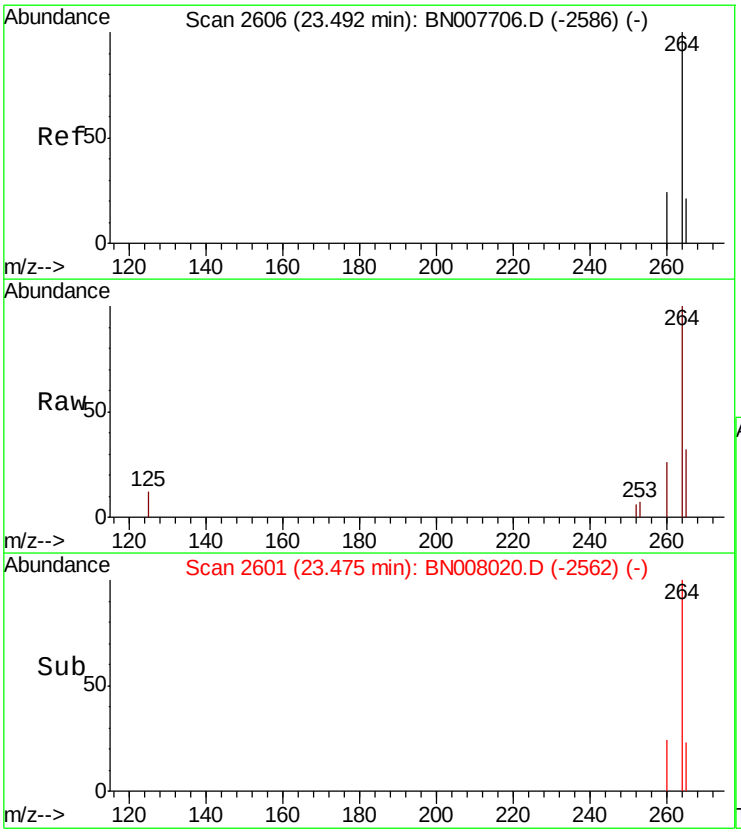
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.778 ng
RT: 25.69 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 406029

Ion	Ratio	Lower	Upper
276	100		
138	16.1	17.1	25.7#
277	24.4	20.0	30.0

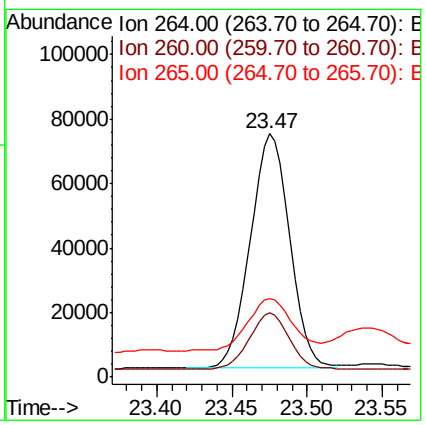


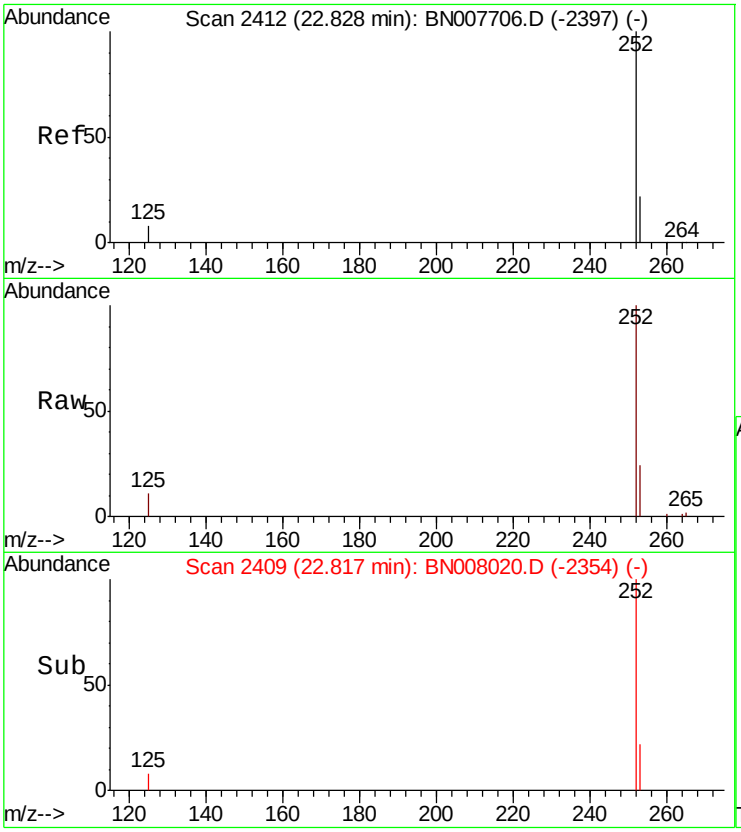


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:264 Resp: 131116

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.3	28.9
265	32.5	26.9	40.3



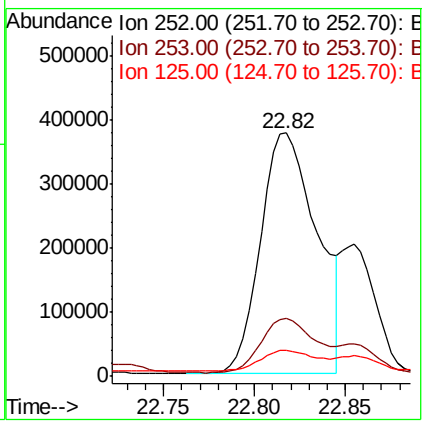


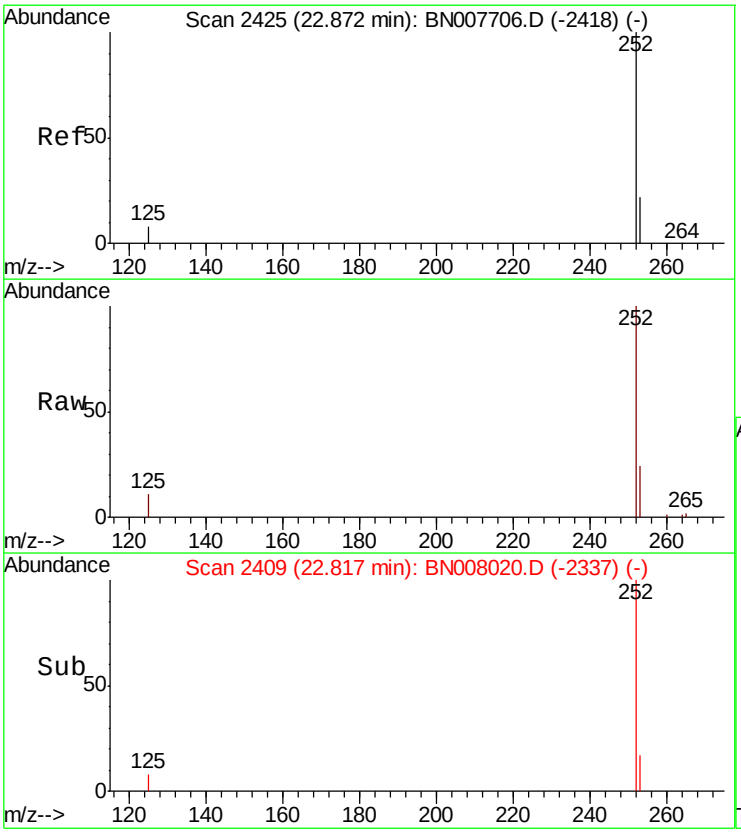
#35
Benzo(b)fluoranthene
Concen: 1.792 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 815802

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	10.7	8.2	12.4

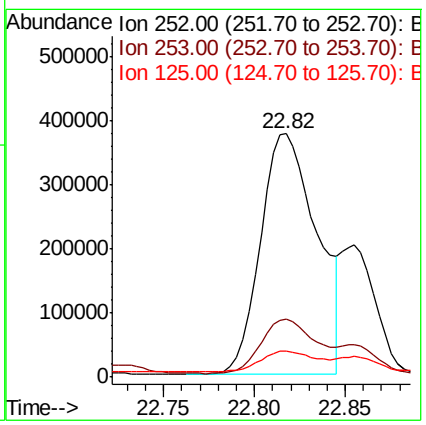


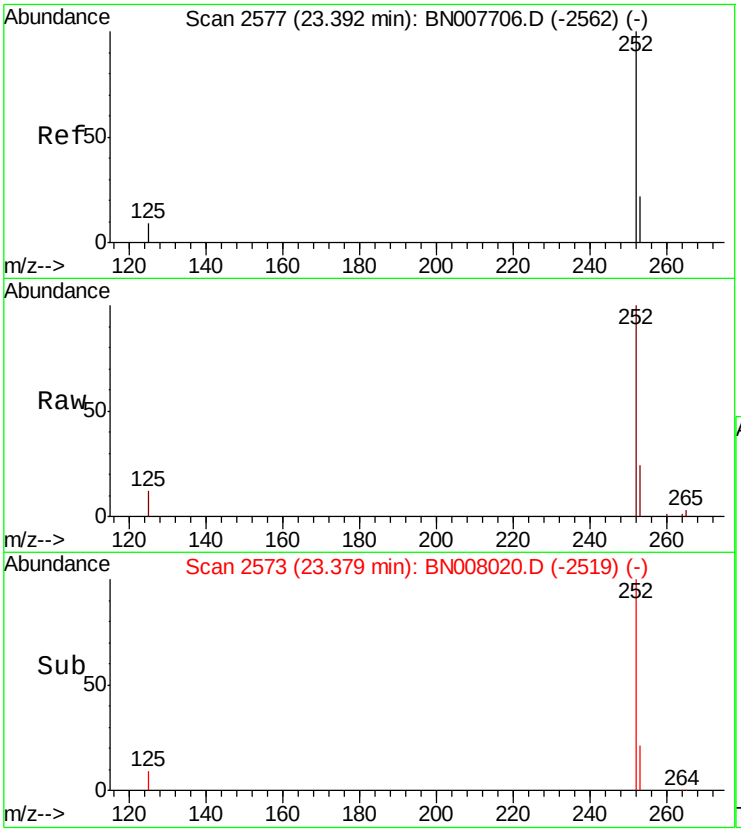


#36
Benzo(k)fluoranthene
Concen: 1.812 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.05 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:252 Resp: 815802

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	10.7	8.4	12.6



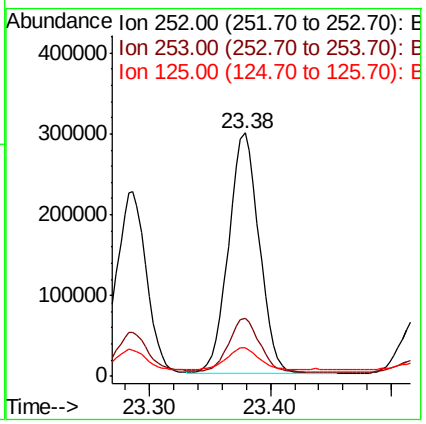


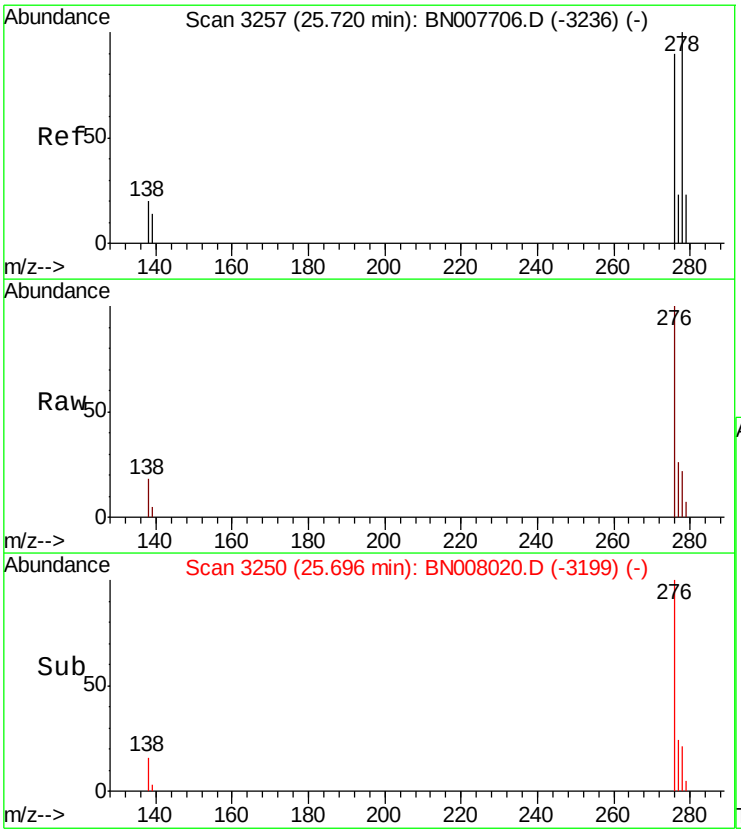
#37
Benzo(a)pyrene
Concen: 1.216 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 520118

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	11.7	9.4	14.0

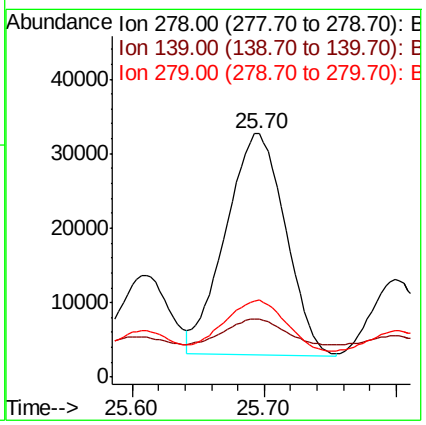


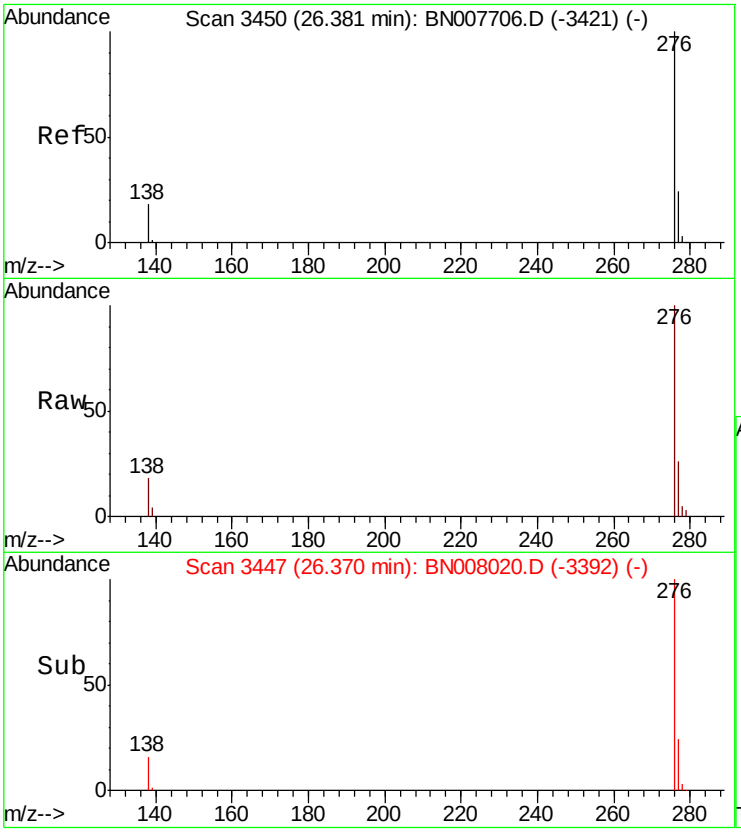


#38
Dibenzo(a,h)anthracene
Concen: 0.214 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Tgt Ion:278 Resp: 93795

Ion	Ratio	Lower	Upper
278	100		
139	23.8	11.8	17.6#
279	31.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.911 ng
RT: 26.37 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BN008020.D
Acq: 05 Oct 2019 01:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 394541

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	18.2	15.1	22.7