Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008017.D
Acq On : 04 Oct 2019 23:21
Operator : JU
Sample : K5078-11RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:26 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	31171	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	114493	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	54442	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	79738	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	104405	0.40	ng		-0.01
34) Perylene-d12	23.48	264	142339	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	21221	0.20	ng		0.02
5) Phenol-d6	6.89	99	27083	0.20	ng		0.02
8) Nitrobenzene-d5	8.82	82	23938	0.24	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	42226	0.22	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	5592	0.19	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	55332	0.25	ng		-0.01
25) Fluoranthene-d10	19.10	212	57609	0.21	ng		0.00
29) Terphenyl-d14	19.70	244	50181	0.20	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.05	42	41731	2.622	ng	#	68
9) Naphthalene	10.51	128	47902	0.149	ng		99
12) 2-Methylnaphthalene	12.12	142	44729	0.206	ng		100
16) Acenaphthylene	14.03	152	497219	1.722	ng		99
17) Acenaphthene	14.37	154	52113	0.280	ng		96
18) Fluorene	15.36	166	129820	0.544	ng	#	85
23) Phenanthrene	17.10	178	1602934	6.453	ng		100
24) Anthracene	17.19	178	584111	2.604	ng		98
26) Fluoranthene	19.13	202	1874377	6.069	ng		98
28) Pyrene	19.49	202	2292754	6.439	ng	#	96
30) Benzo(a)anthracene	21.24	228	1412088	3.673	ng		95
31) Chrysene	21.29	228	1605204	4.284	ng		97
32) Bis(2-ethylhexyl)phthalate	21.17	149	35285	0.178	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	881529	1.879	ng	#	95
35) Benzo(b)fluoranthene	22.82	252	1734327	3.510	ng		99
36) Benzo(k)fluoranthene	22.82	252	1734327	3.549	ng		99
37) Benzo(a)pyrene	23.38	252	1323985	2.851	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	260571	0.548	ng	#	87
39) Benzo(g,h,i)perylene	26.38	276	894947	1.903	ng		98

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

Quantitation Report (Not Reviewed)

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Data File : BN008017.D
Acq On : 04 Oct 2019 23:21
Operator : JU
Sample : K5078-11RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:26 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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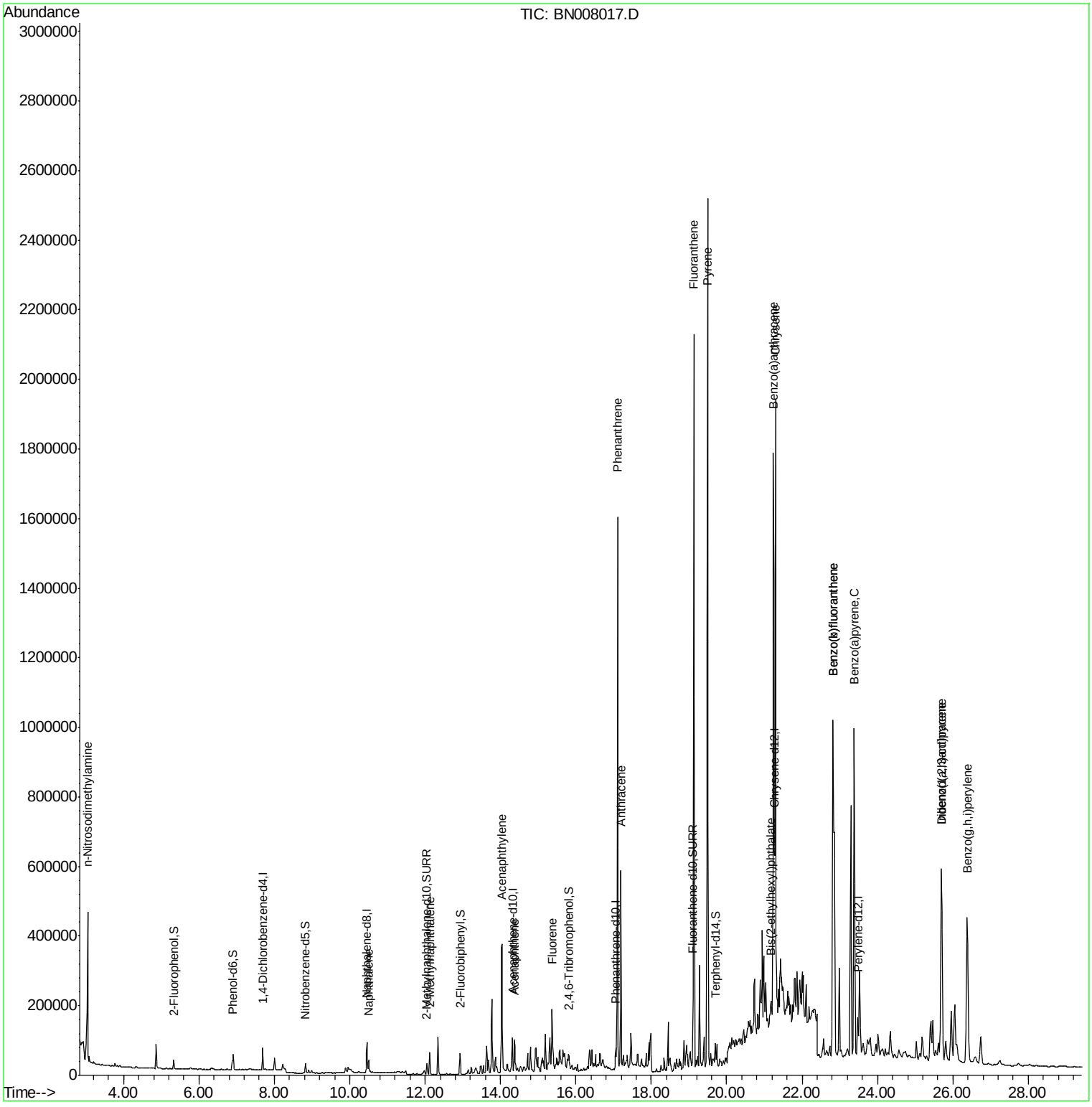
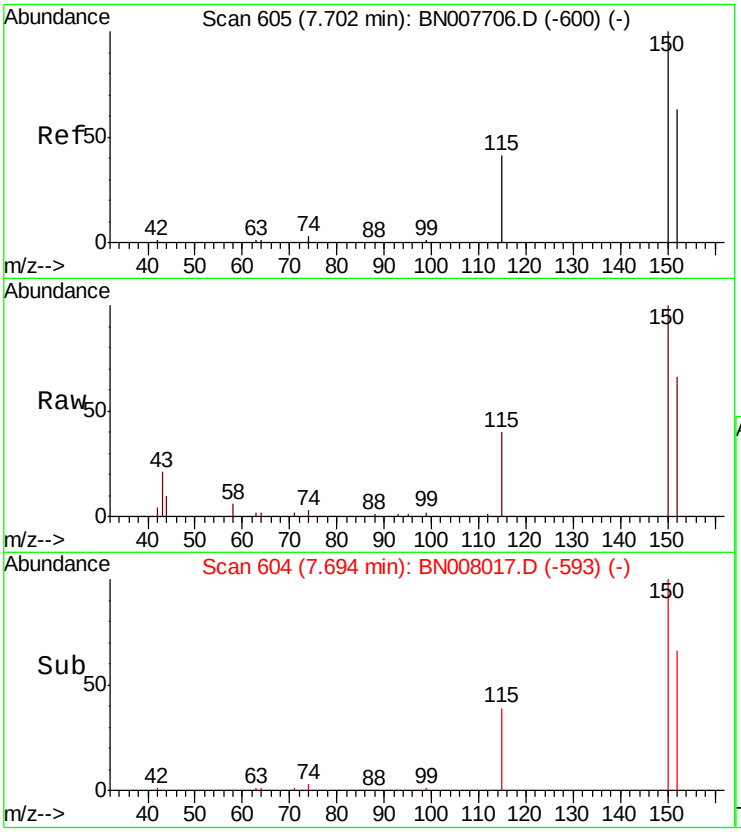


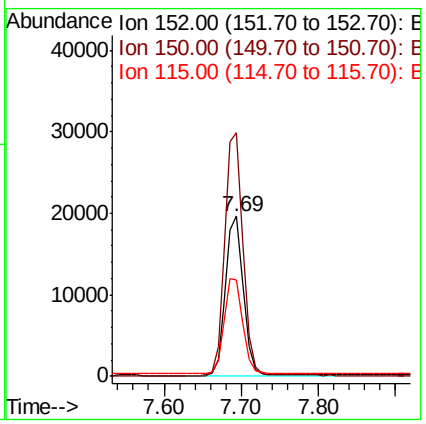


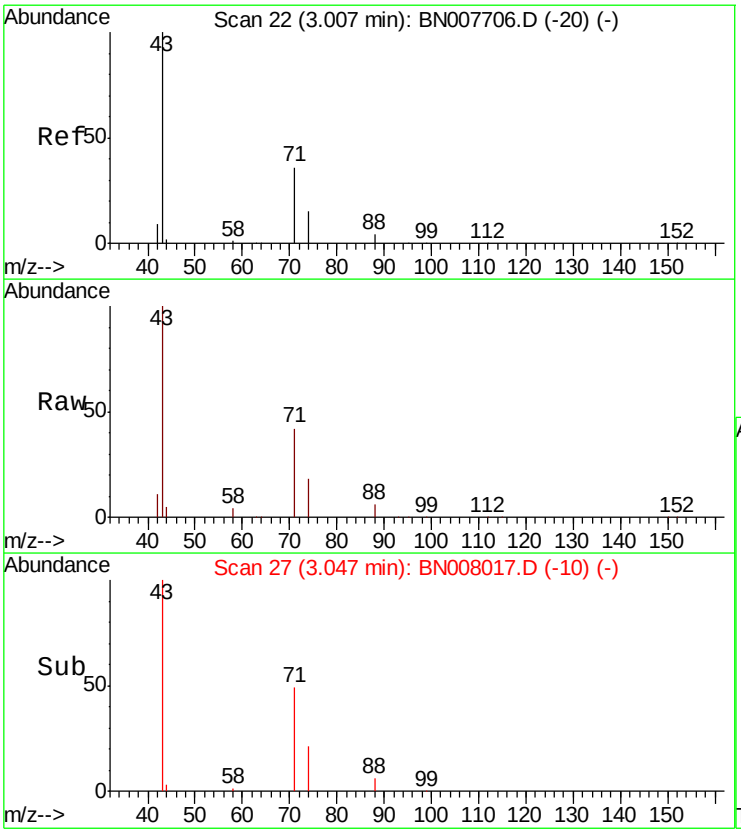
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 31171

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.6	188.4
115	60.6	53.3	79.9

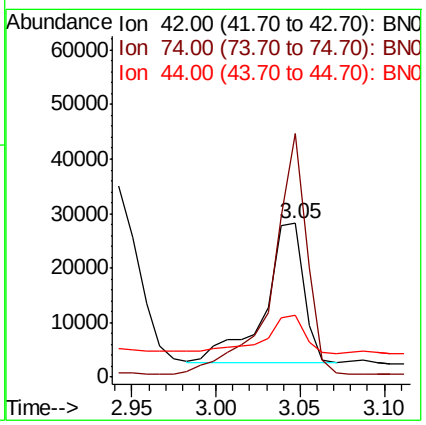


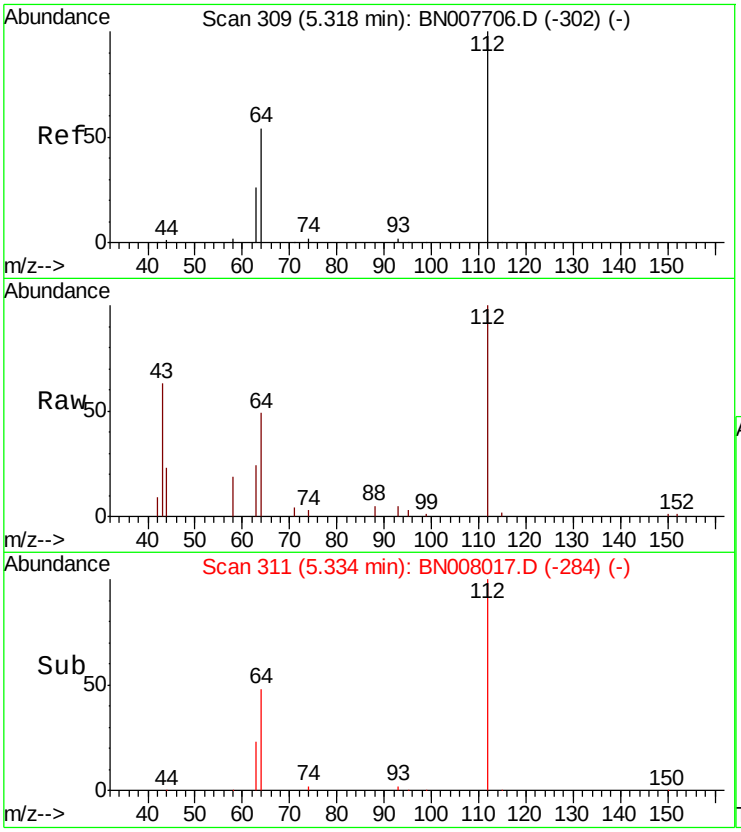


#3
n-Nitrosodimethylamine
Concen: 2.622 ng
RT: 3.05 min Scan# 27
Delta R.T. 0.04 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion: 42 Resp: 41731

Ion	Ratio	Lower	Upper
42	100		
74	149.2	87.9	131.9#
44	27.2	29.4	44.0#



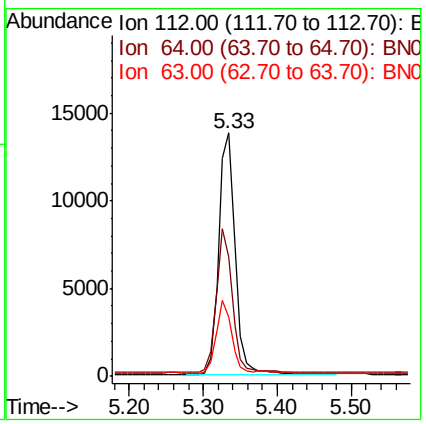


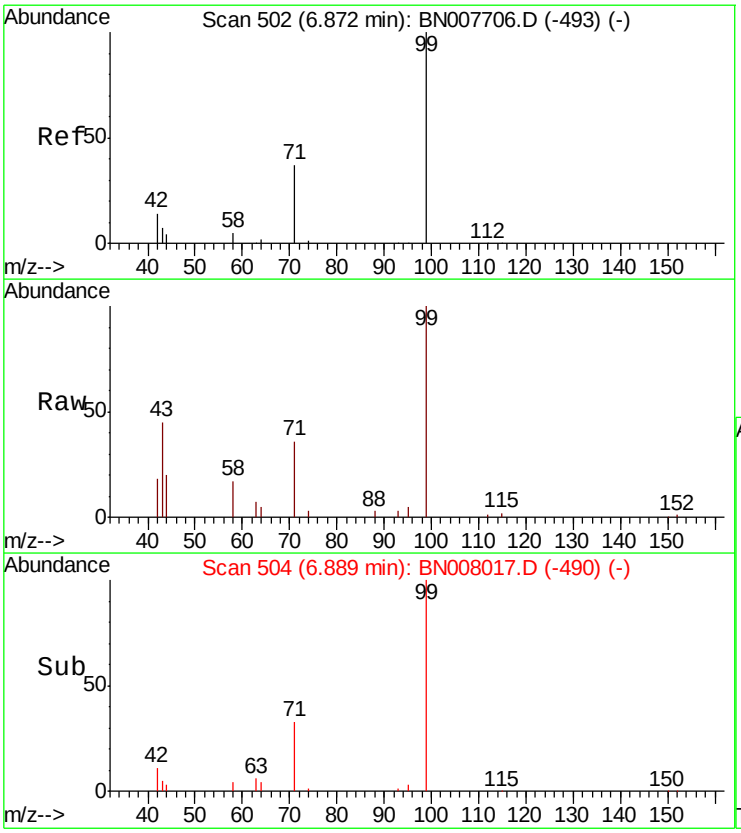
#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.33 min Scan# 311
Delta R.T. 0.02 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 21221

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	70.0
63	28.1	23.1	34.7

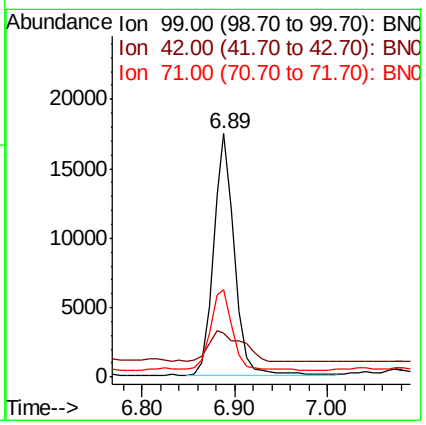


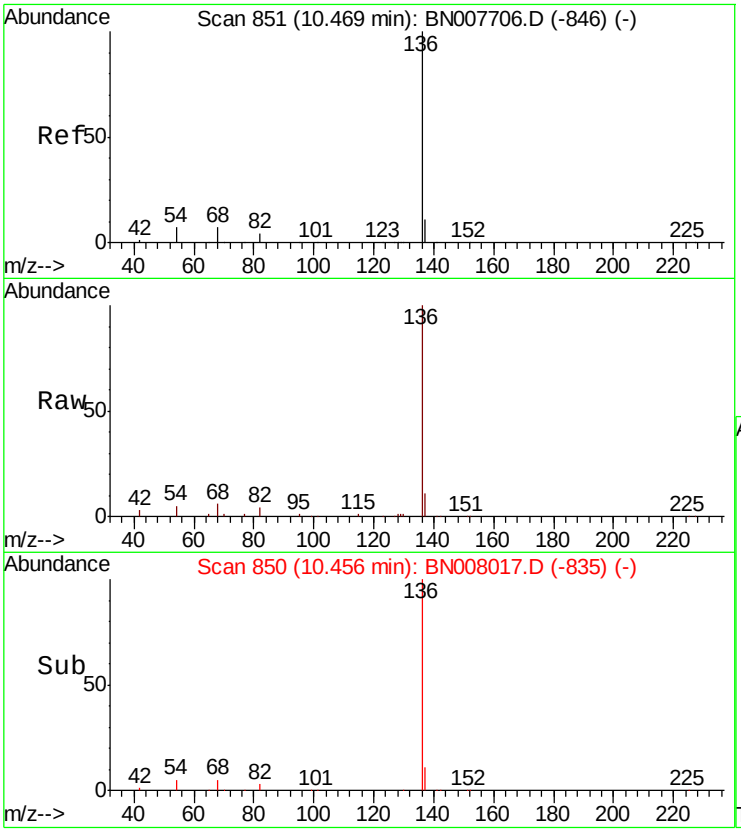


#5
Phenol-d6
Concen: 0.199 ng
RT: 6.89 min Scan# 504
Delta R.T. 0.02 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion: 99 Resp: 27083

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	36.3	27.6	41.4



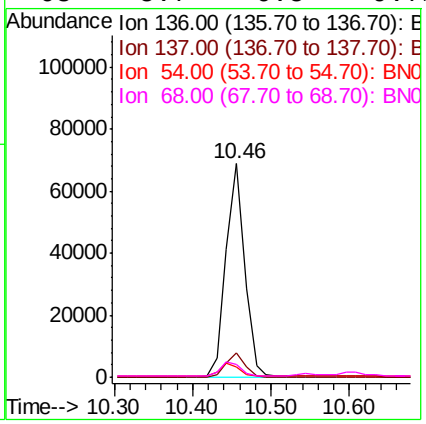


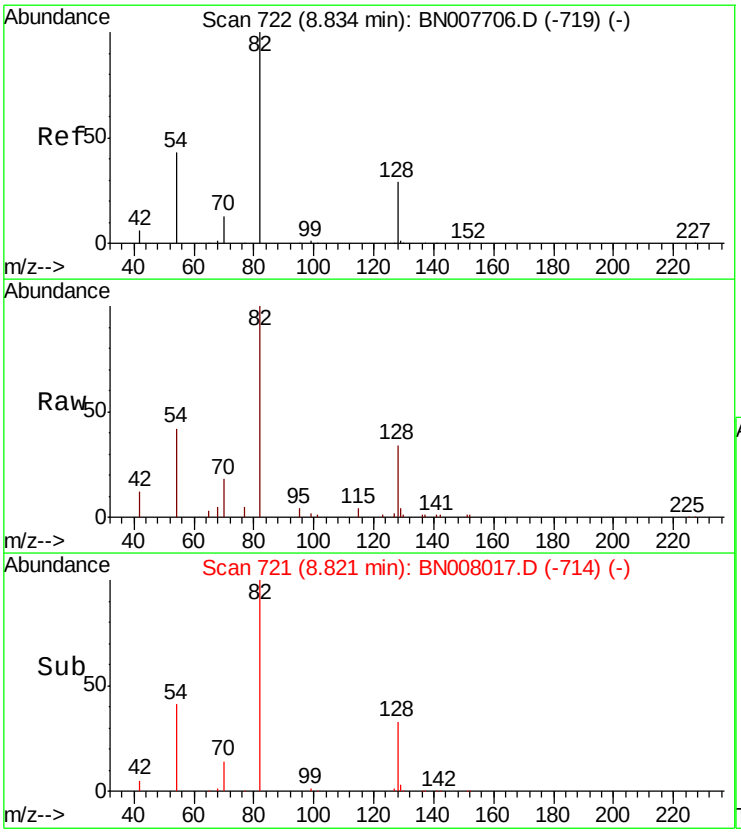
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 114493

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.9	5.8	8.8#
68	5.7	6.5	9.7#

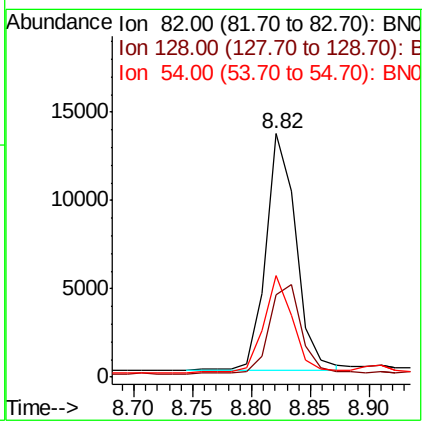


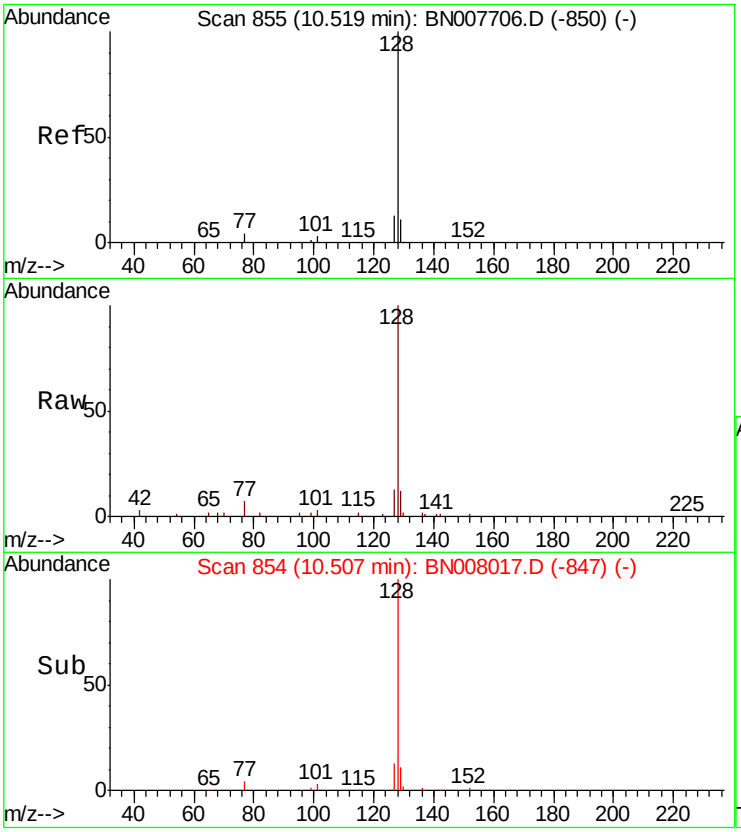


#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion: 82 Resp: 23938

Ion	Ratio	Lower	Upper
82	100		
128	33.9	24.5	36.7
54	41.7	35.2	52.8



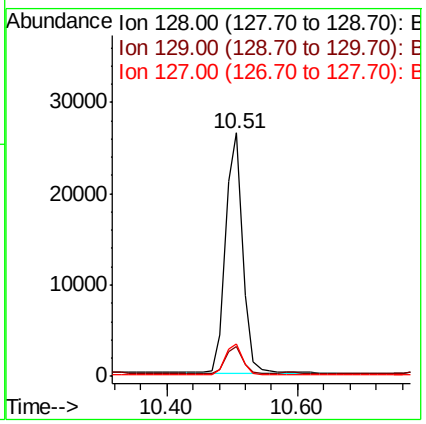


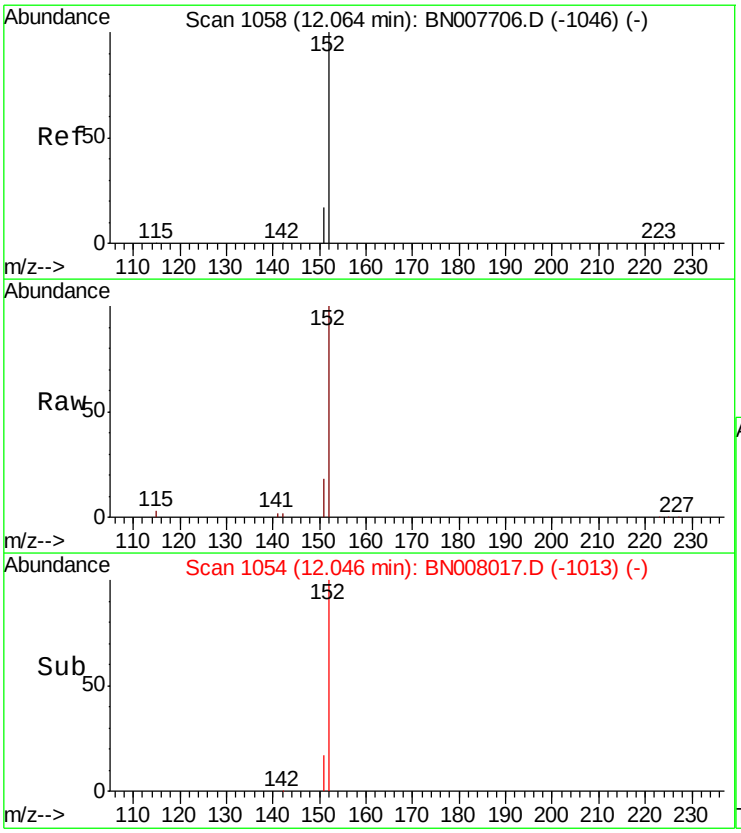
#9
Naphthalene
Concen: 0.149 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 47902

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	13.4	10.6	15.8

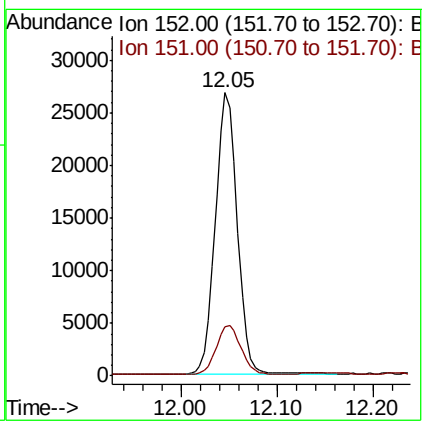


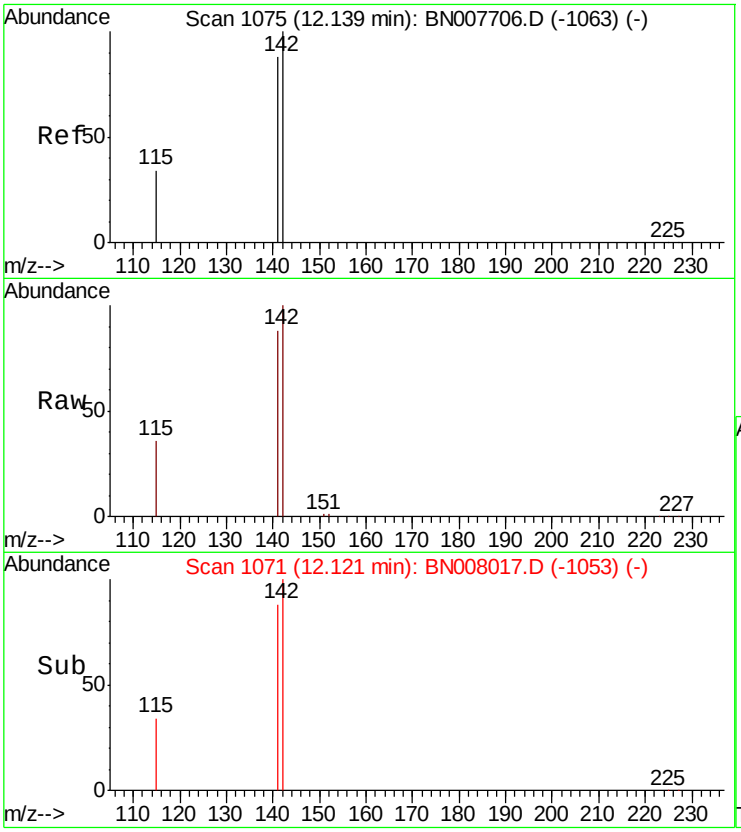


#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:152 Resp: 42226

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2



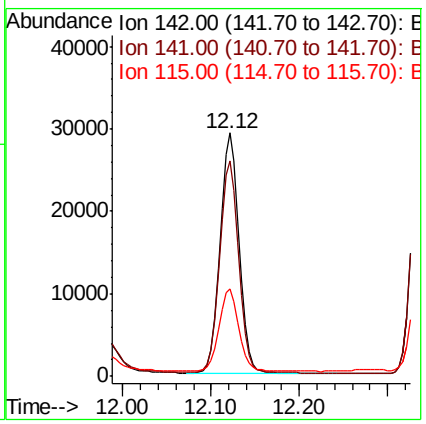


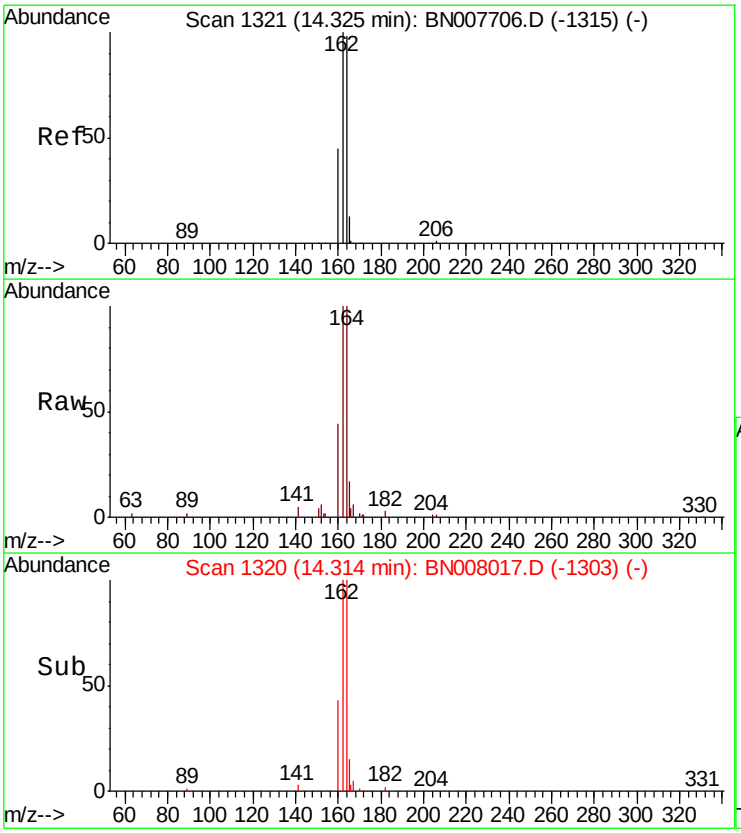
#12
2-Methylnaphthalene
Concen: 0.206 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 44729

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	35.7	28.3	42.5

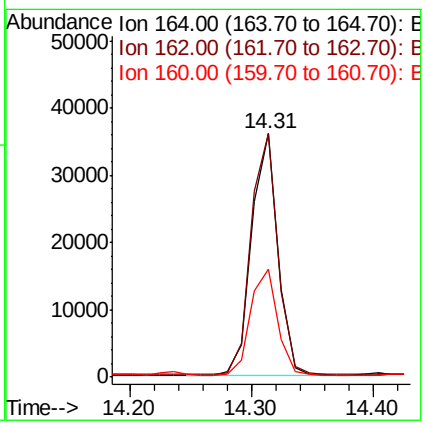


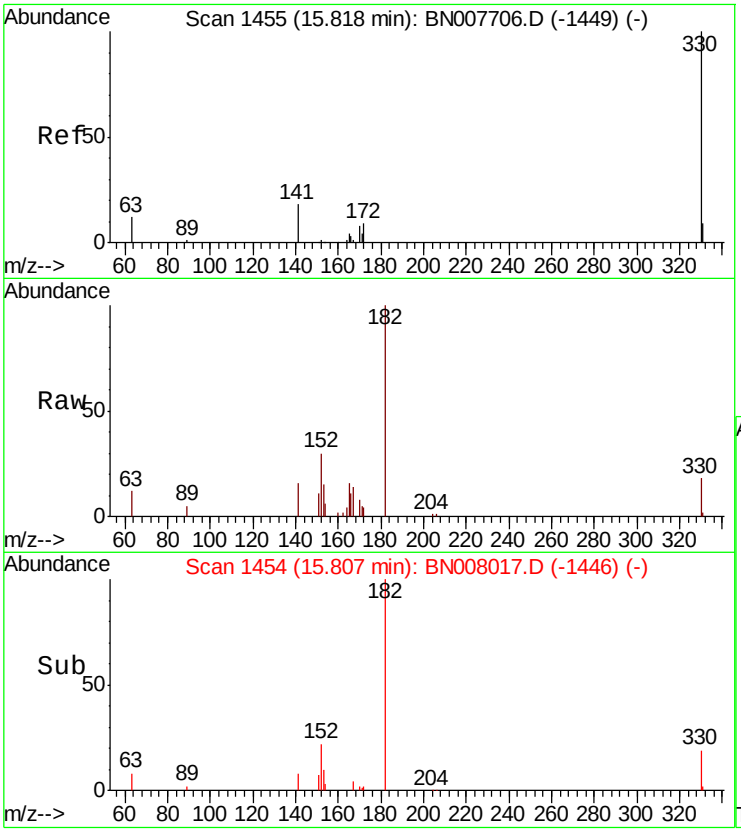


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:164 Resp: 54442

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.7	122.5
160	44.2	37.0	55.4



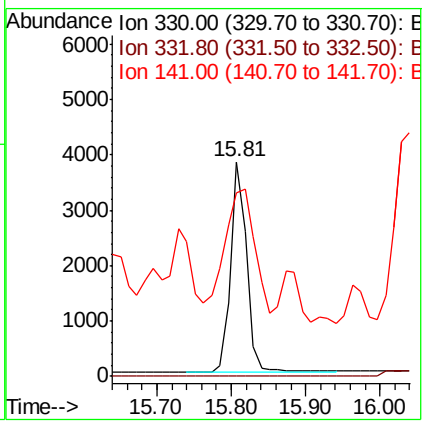


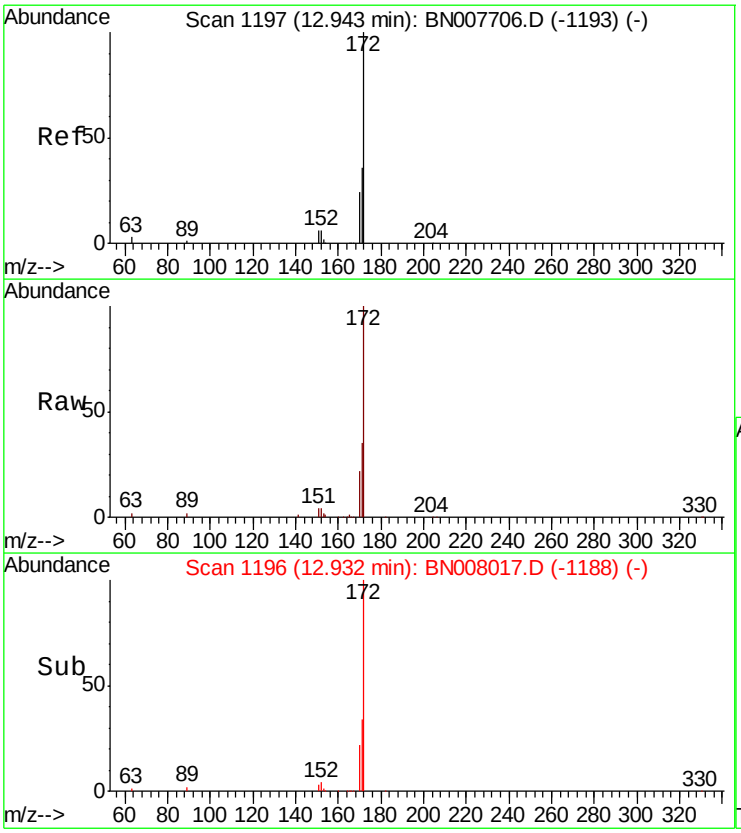
#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 5592

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	108.7	28.7	43.1#

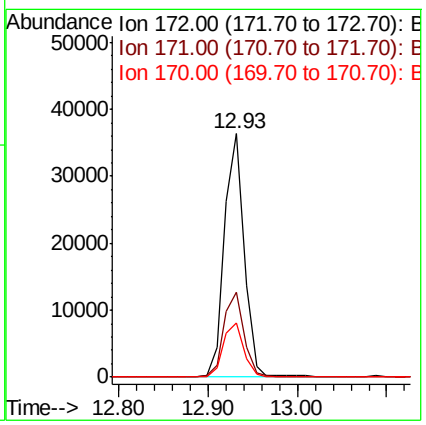


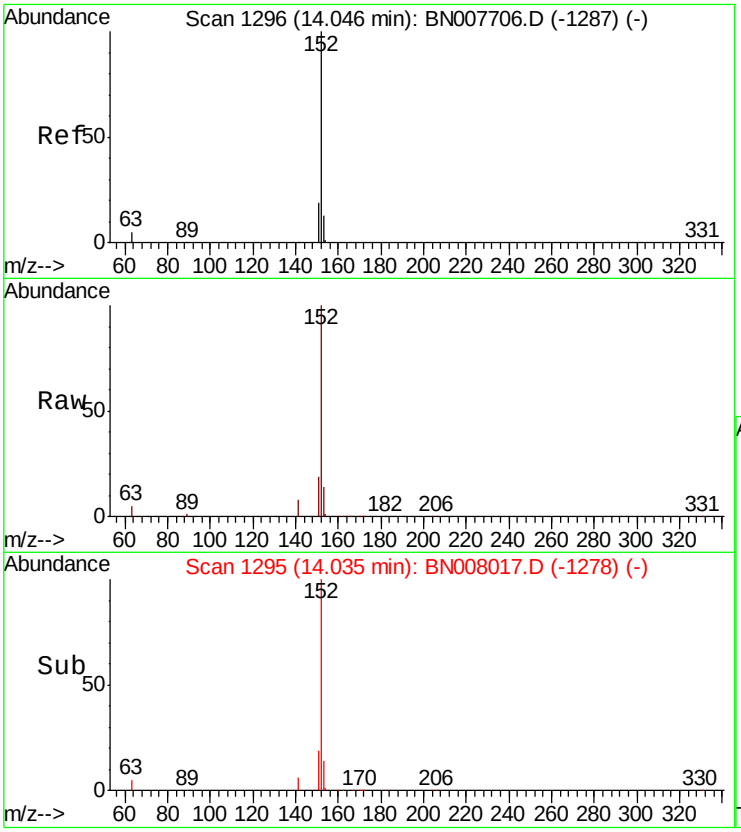


#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:172 Resp: 55332

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	22.3	19.5	29.3



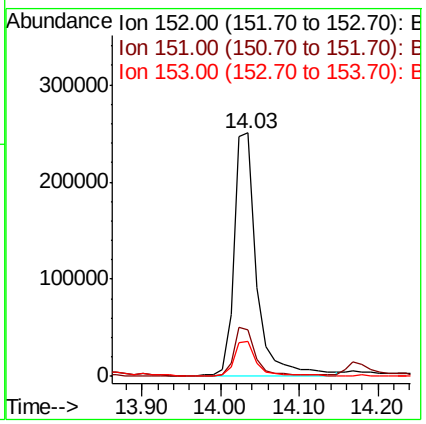


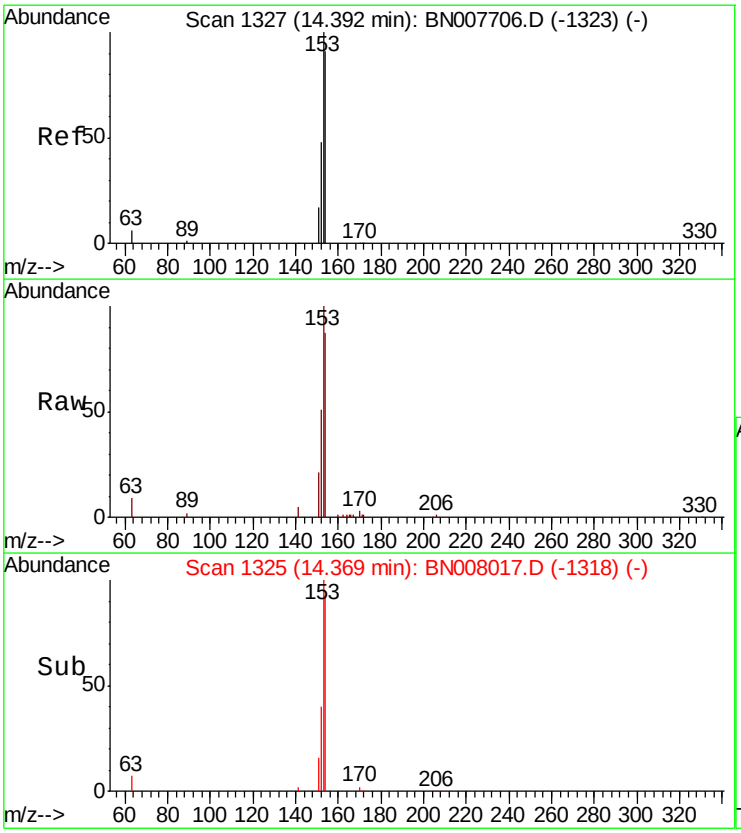
#16
Acenaphthylene
Concen: 1.722 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 497219

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.8	10.4	15.6

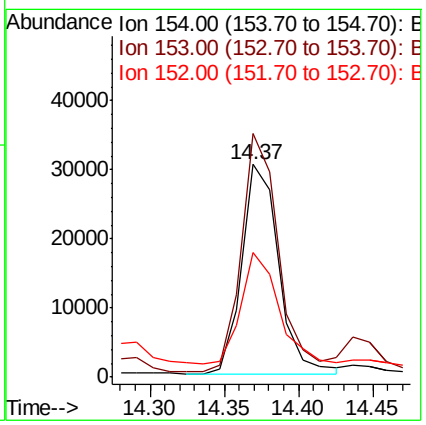


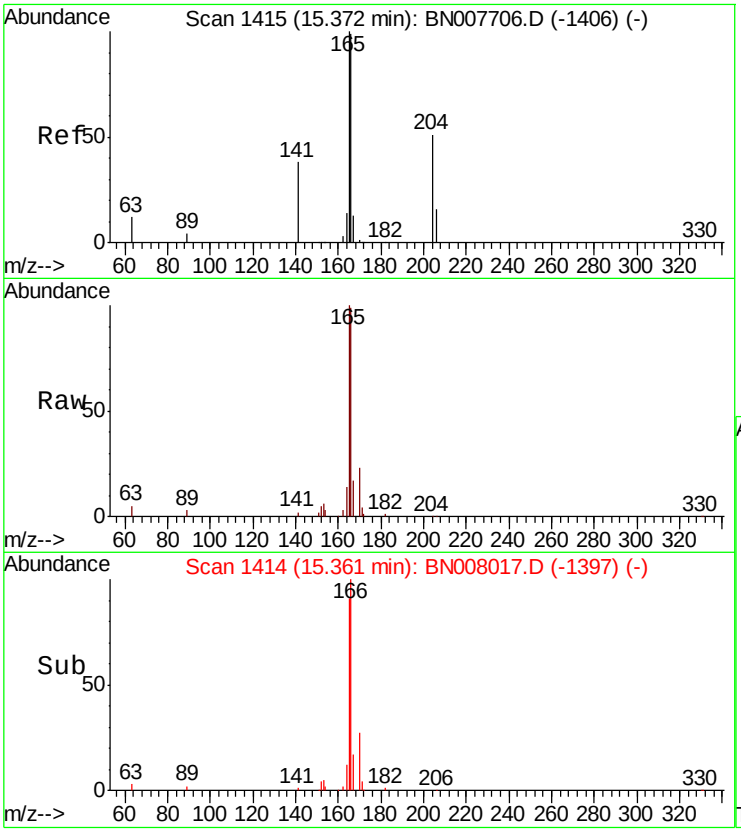


#17
Acenaphthene
Concen: 0.280 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:154 Resp: 52113

Ion	Ratio	Lower	Upper
154	100		
153	114.0	87.0	130.4
152	54.2	42.7	64.1



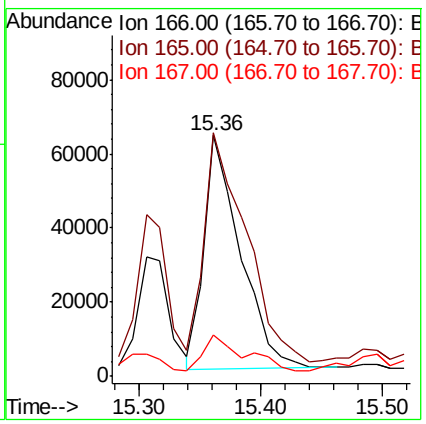


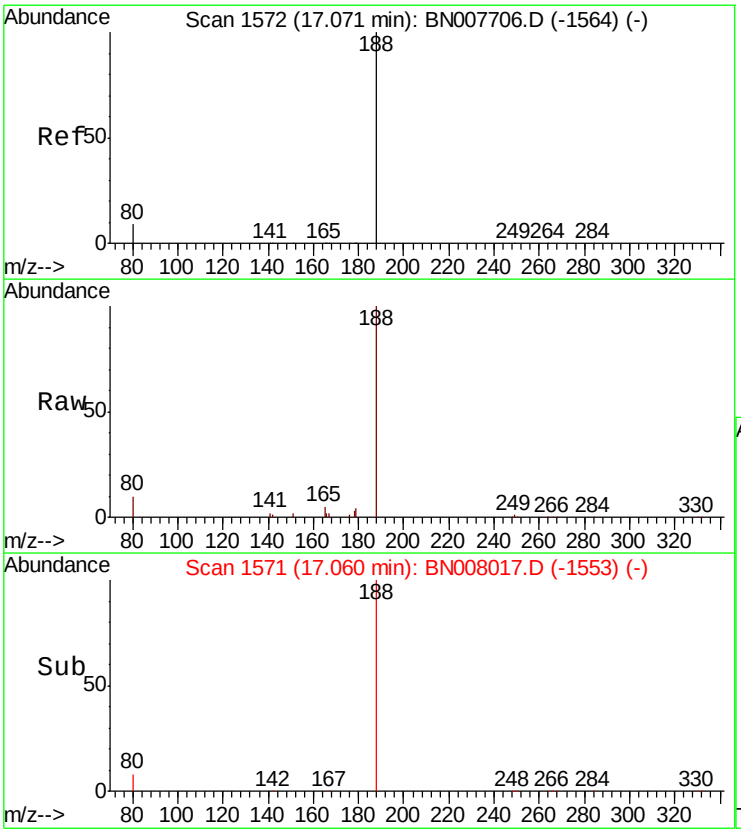
#18
Fluorene
Concen: 0.544 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 129820

Ion	Ratio	Lower	Upper
166	100		
165	113.5	78.0	117.0
167	17.6	10.9	16.3#

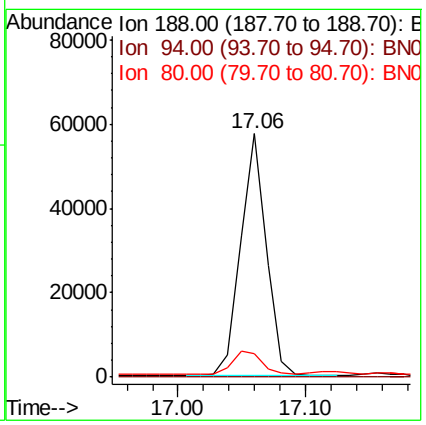


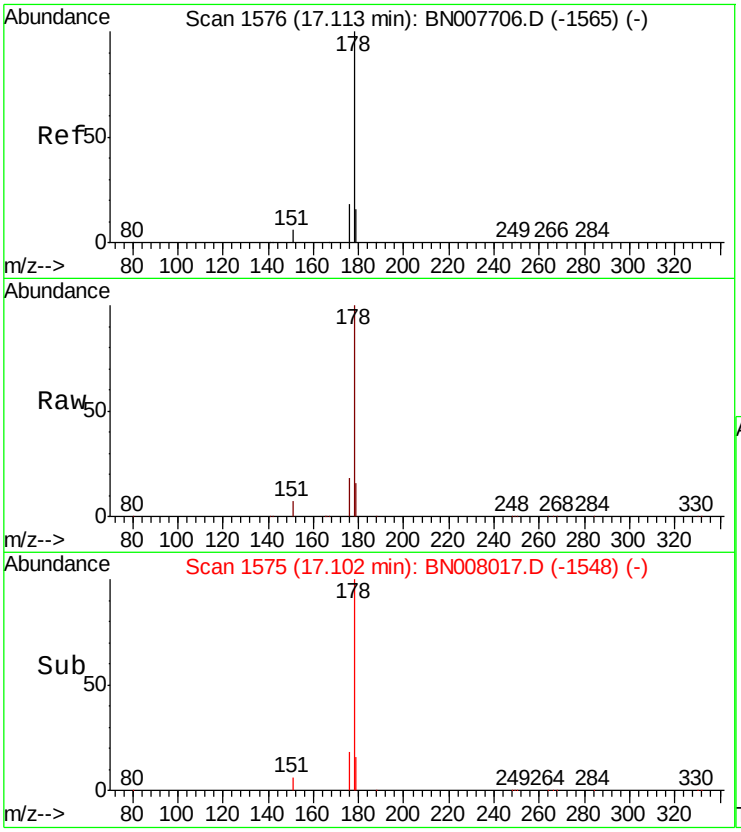


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:188 Resp: 79738

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2



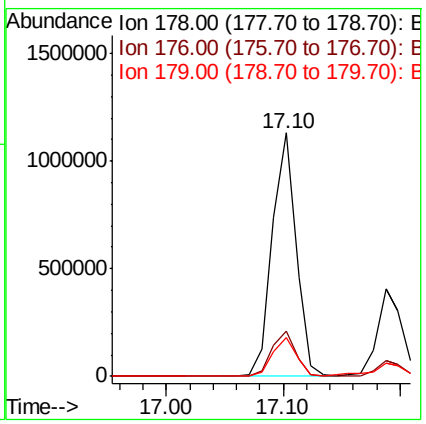


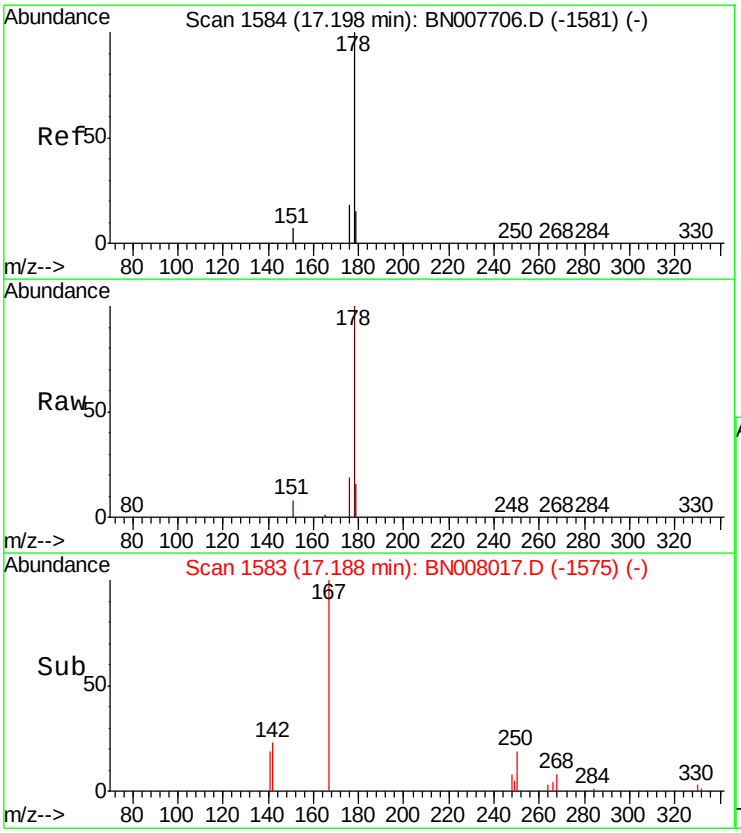
#23
Phenanthrene
Concen: 6.453 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1602934

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.8	12.5	18.7

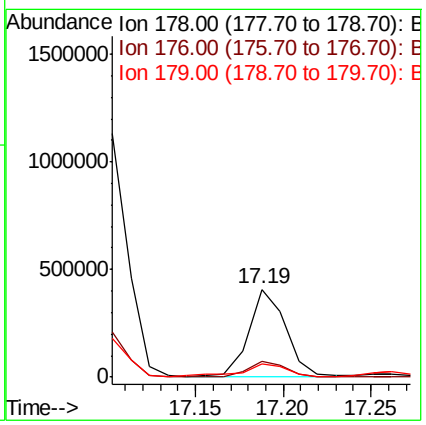


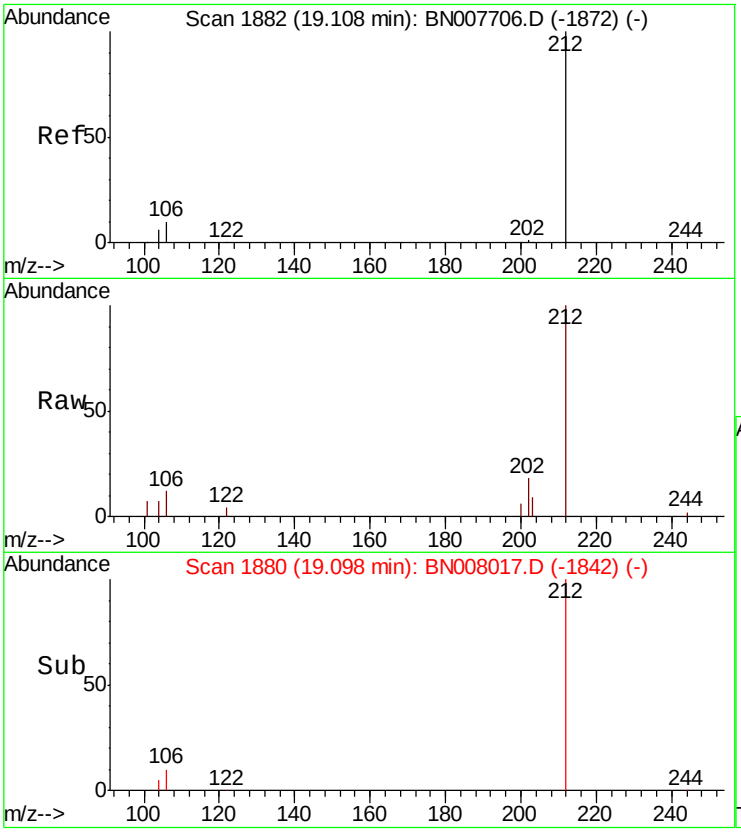


#24
Anthracene
Concen: 2.604 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:178 Resp: 584111

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	16.9	12.2	18.4



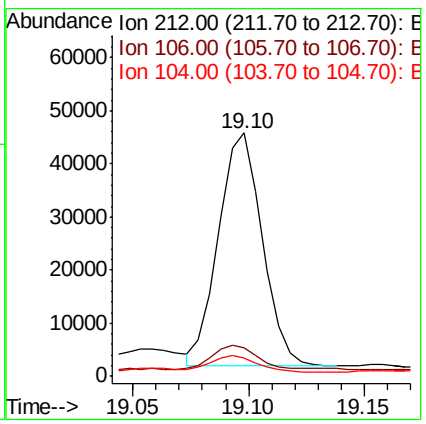


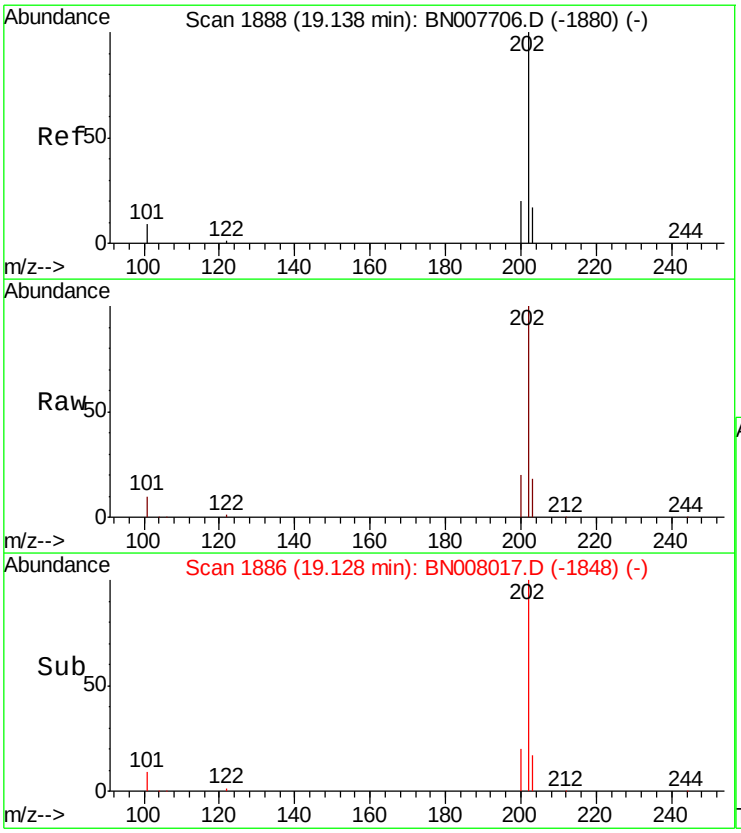
#25
Fluoranthene-d10
Concen: 0.214 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 57609

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	7.5	5.3	7.9

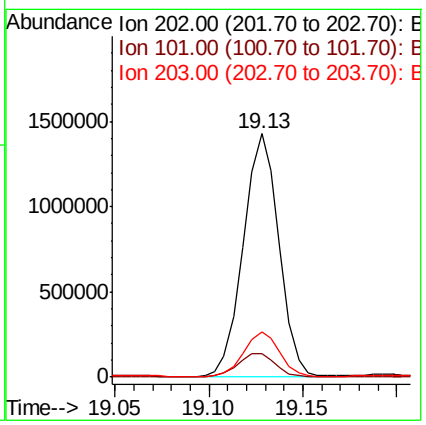


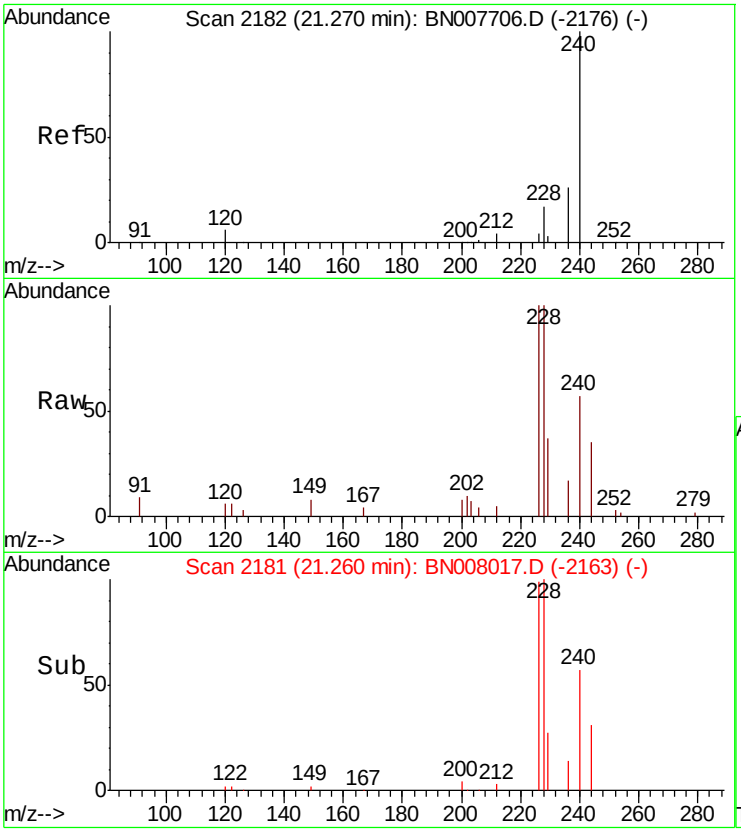


#26
Fluoranthene
Concen: 6.069 ng
RT: 19.13 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:202 Resp: 1874377

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	18.2	13.8	20.8



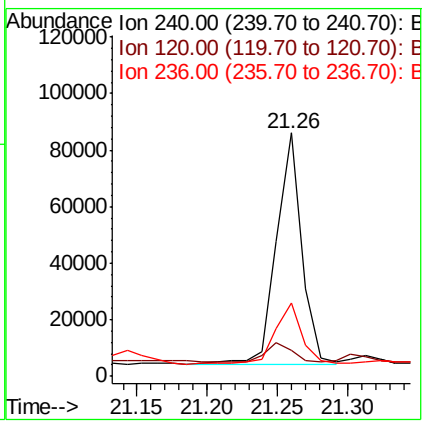


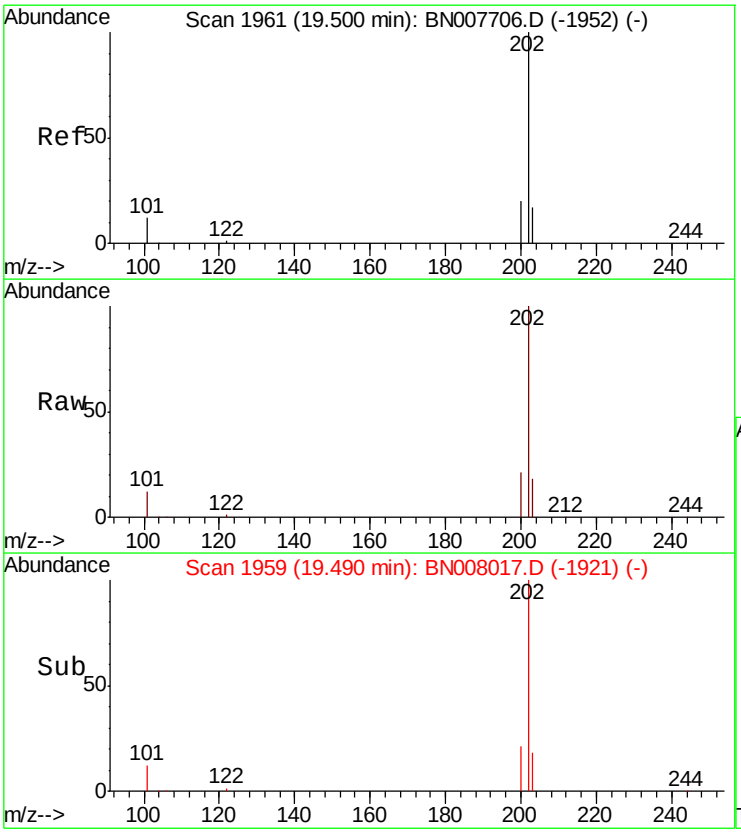
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 104405

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.4	8.2#
236	30.1	21.0	31.4

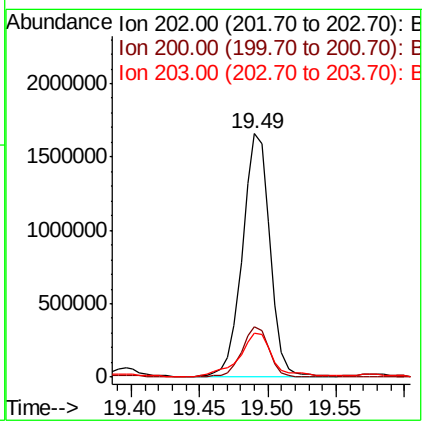


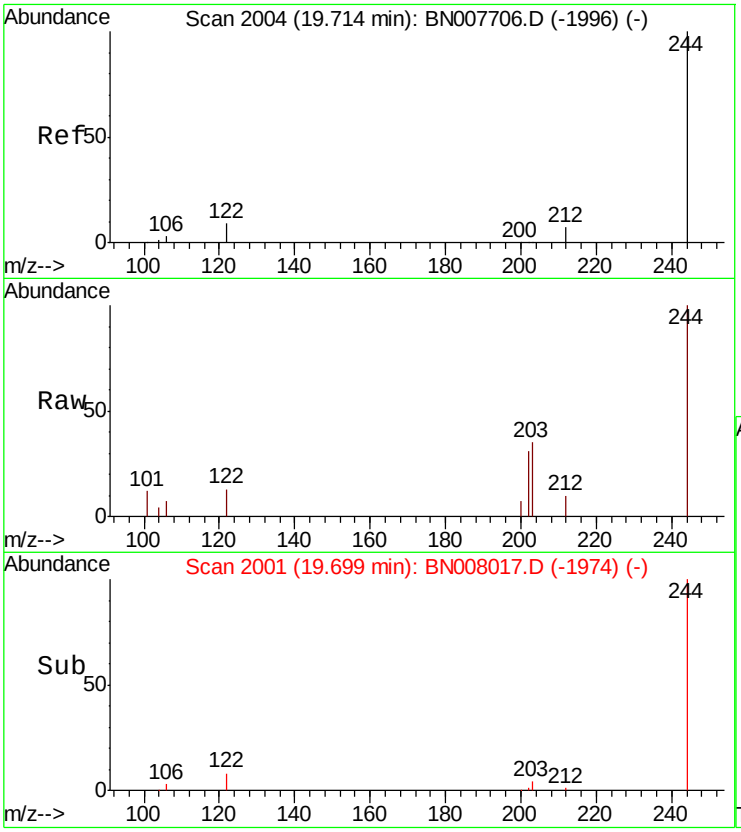


#28
Pyrene
Concen: 6.439 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:202 Resp: 2292754

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.4	14.1	21.1#



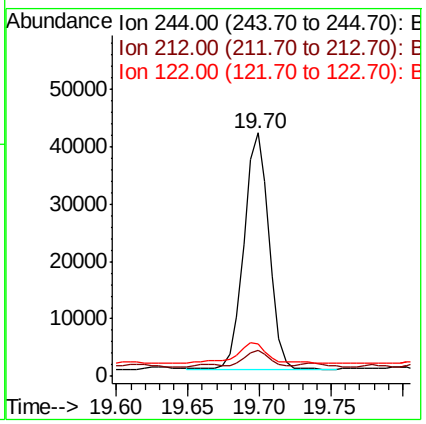


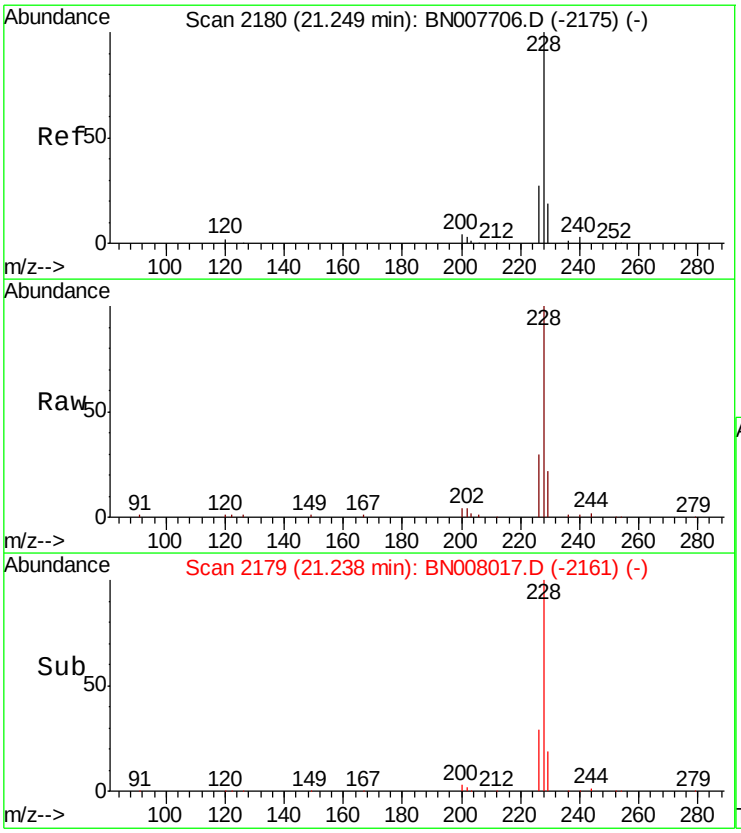
#29
Terphenyl-d14
Concen: 0.196 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 50181

Ion	Ratio	Lower	Upper
244	100		
212	10.4	5.9	8.9#
122	13.2	7.4	11.2#

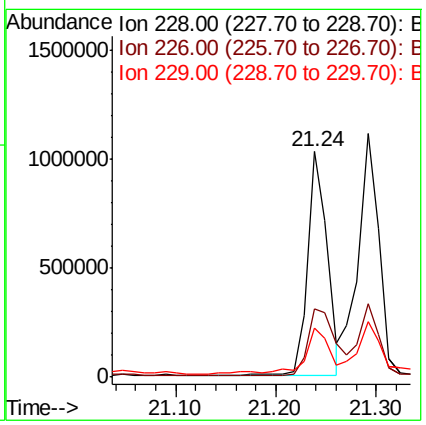


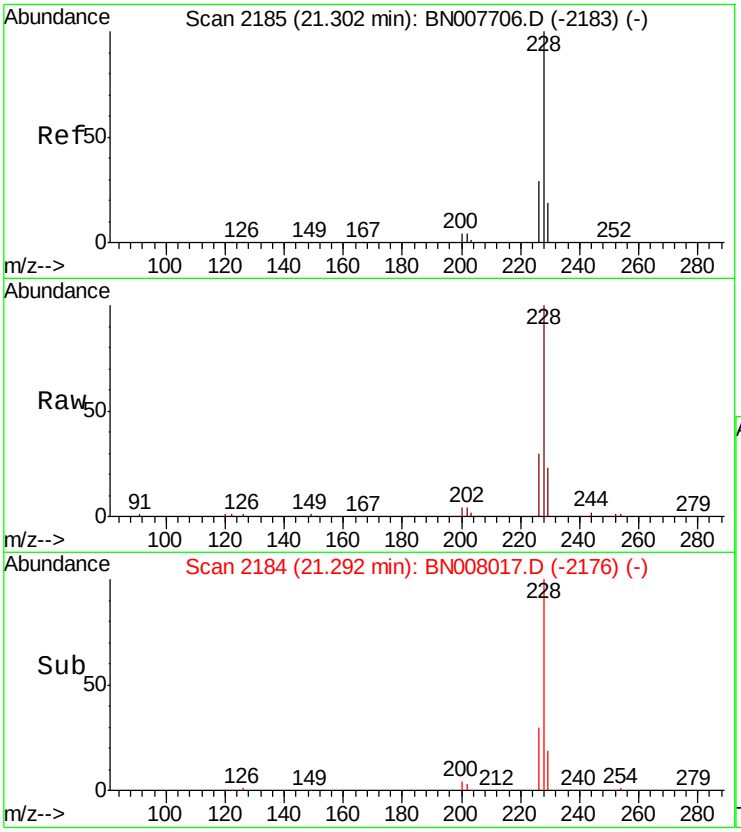


#30
Benzo(a)anthracene
Concen: 3.673 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:228 Resp: 1412088

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	21.9	15.8	23.6



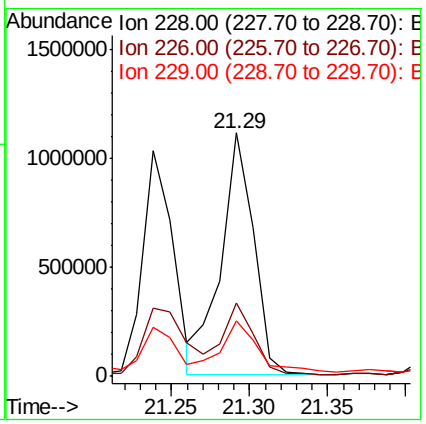


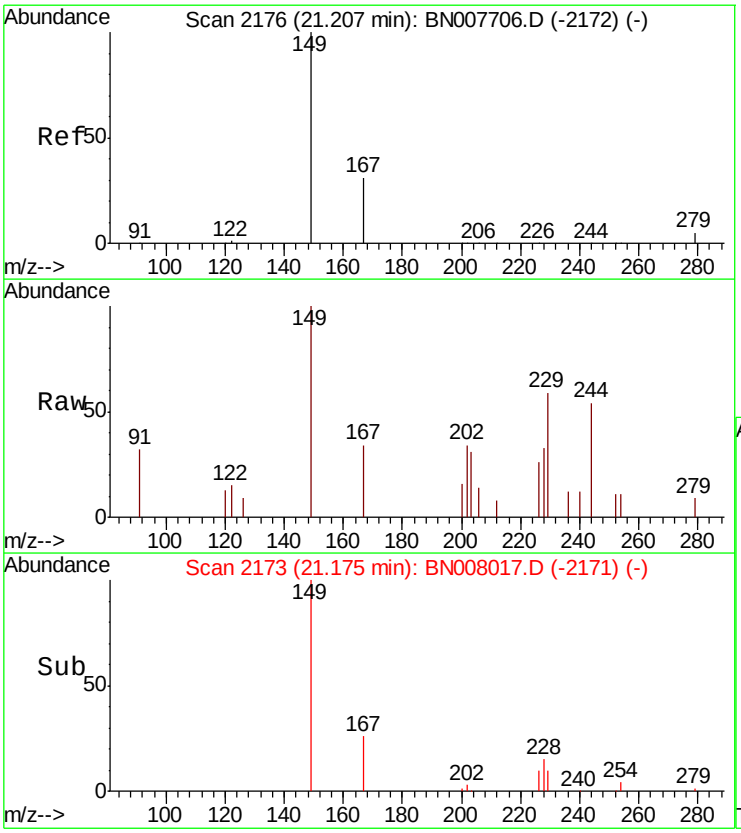
#31
Chrysene
Concen: 4.284 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1605204

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	22.5	15.8	23.6

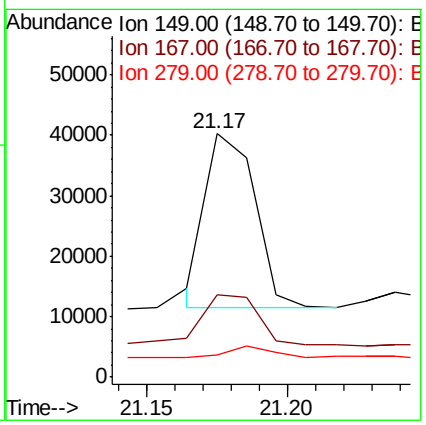


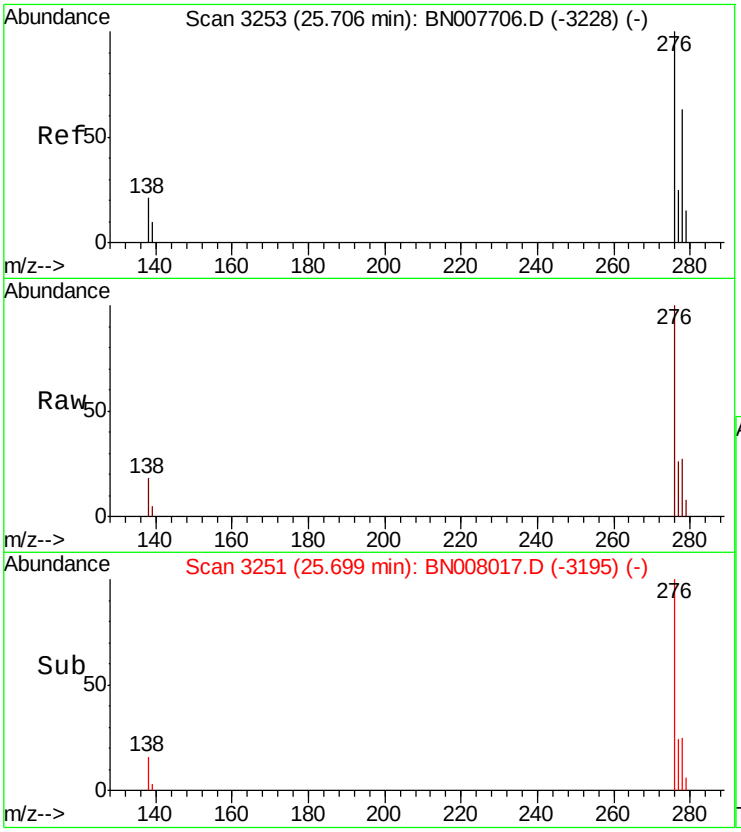


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.178 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:149 Resp: 35285

Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.7	35.5
279	6.3	4.2	6.2#



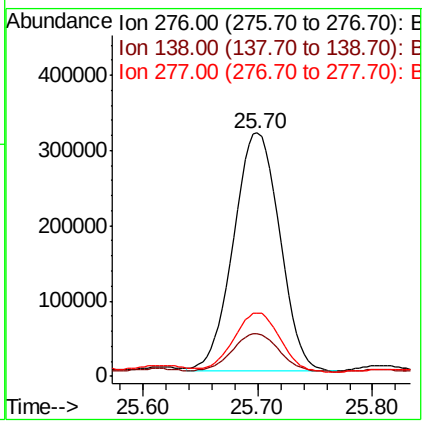


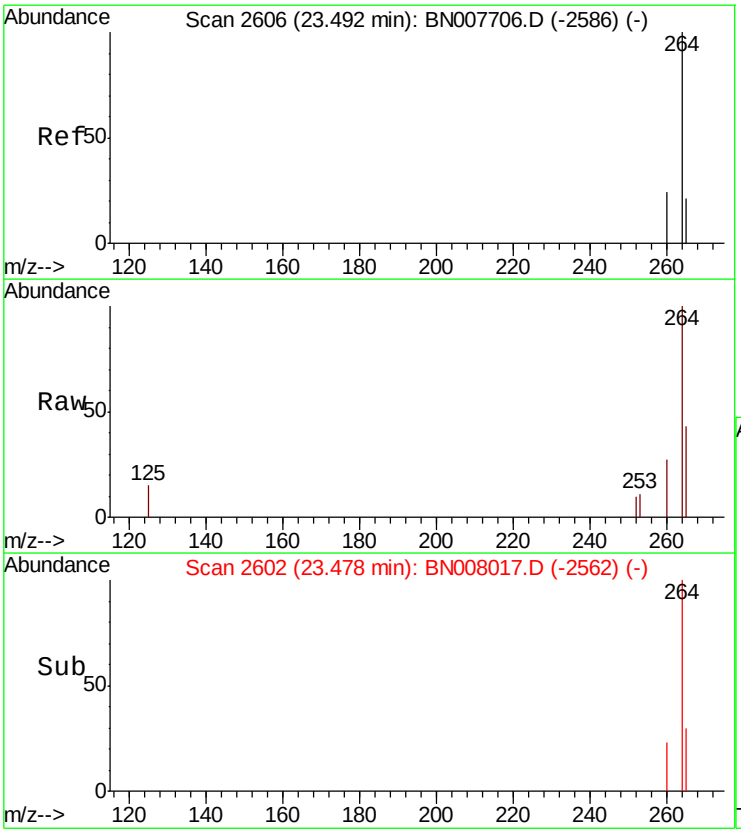
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.879 ng
RT: 25.70 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 881529

Ion	Ratio	Lower	Upper
276	100		
138	16.3	17.1	25.7#
277	25.0	20.0	30.0

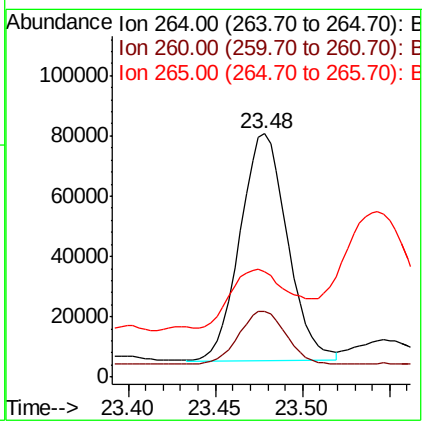


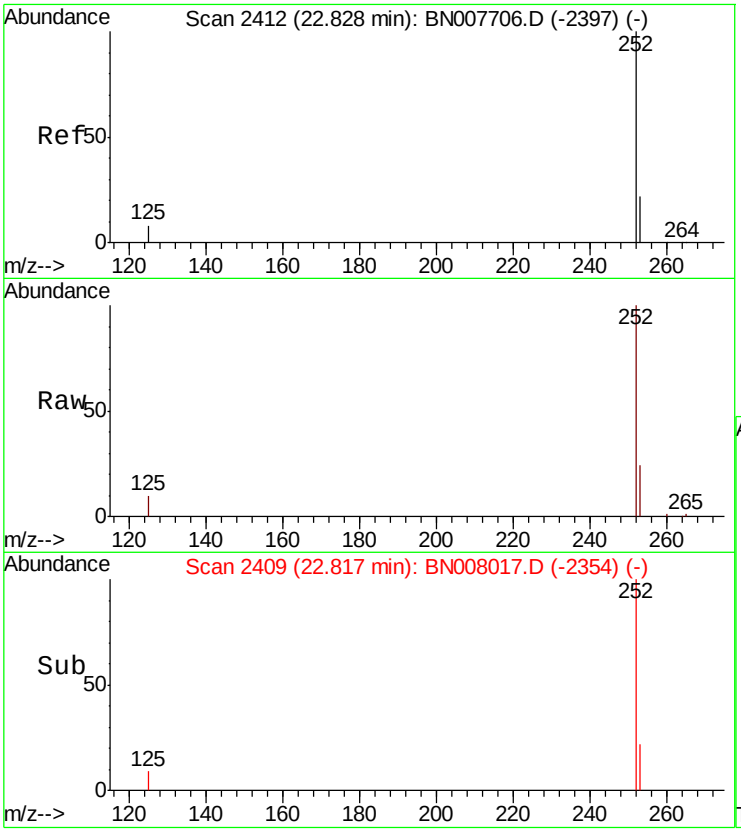


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:264 Resp: 142339

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.3	28.9
265	43.1	26.9	40.3#



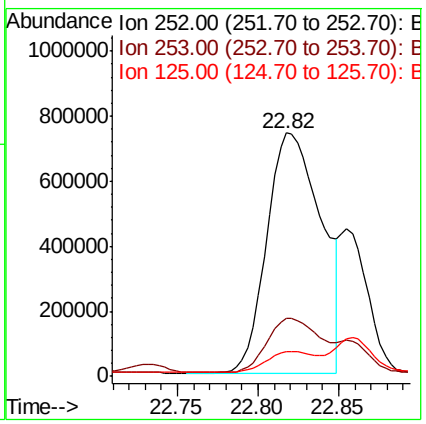


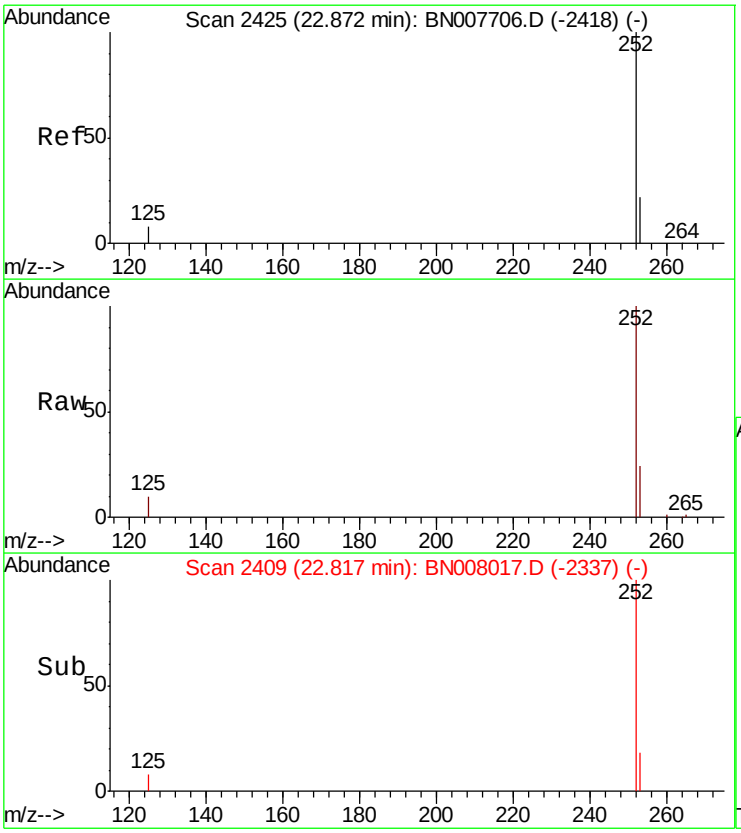
#35
Benzo(b)fluoranthene
Concen: 3.510 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1734327

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	10.2	8.2	12.4

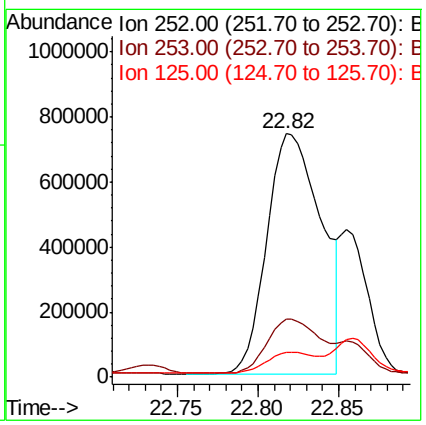


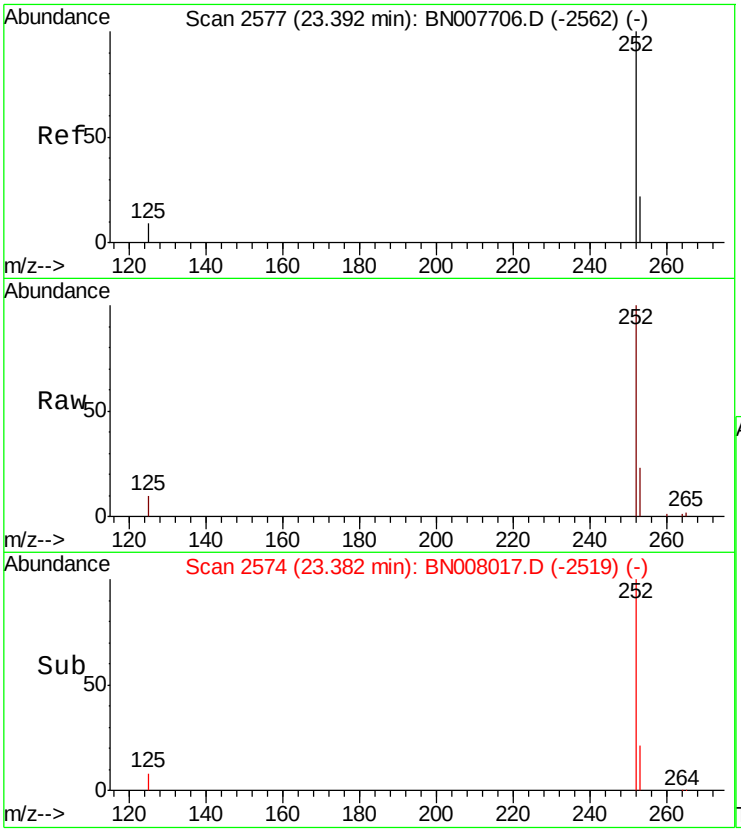


#36
Benzo(k)fluoranthene
Concen: 3.549 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.05 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:252 Resp: 1734327

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	10.2	8.4	12.6



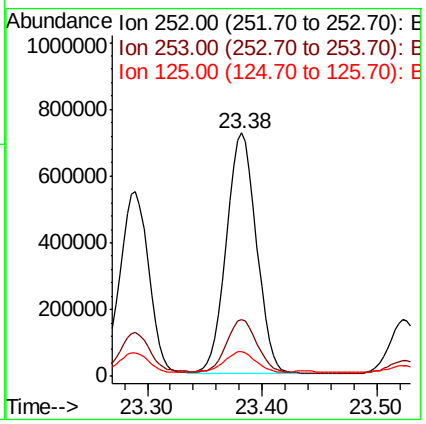


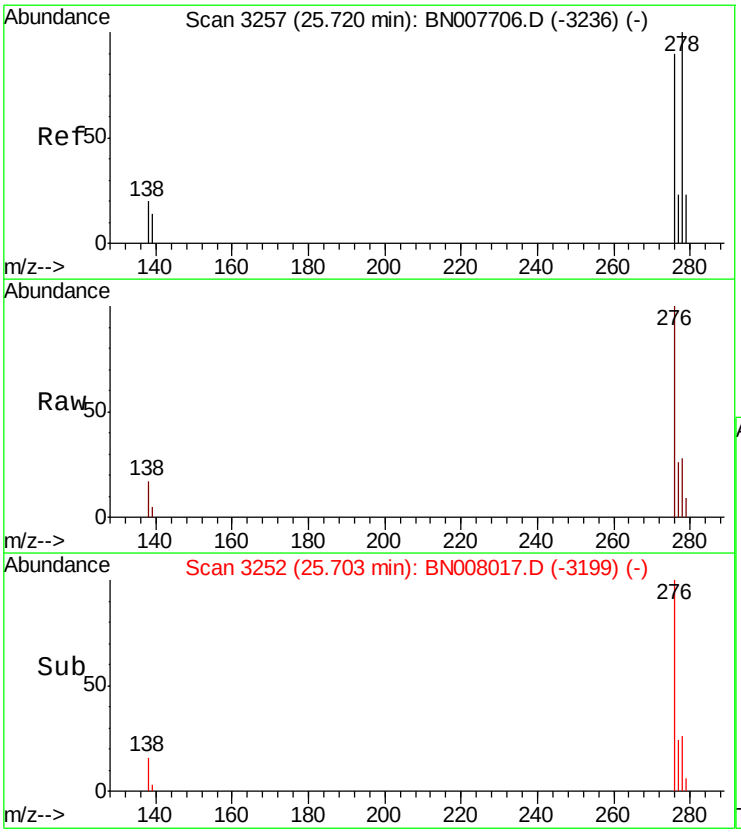
#37
Benzo(a)pyrene
Concen: 2.851 ng
RT: 23.38 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1323985

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	10.1	9.4	14.0

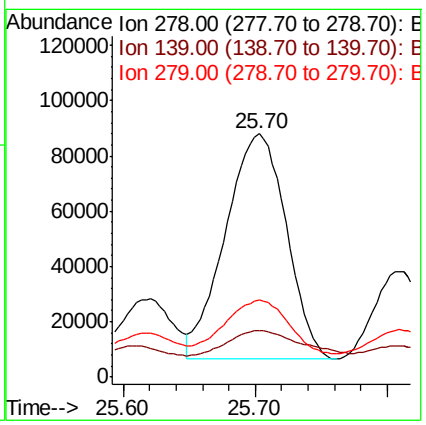


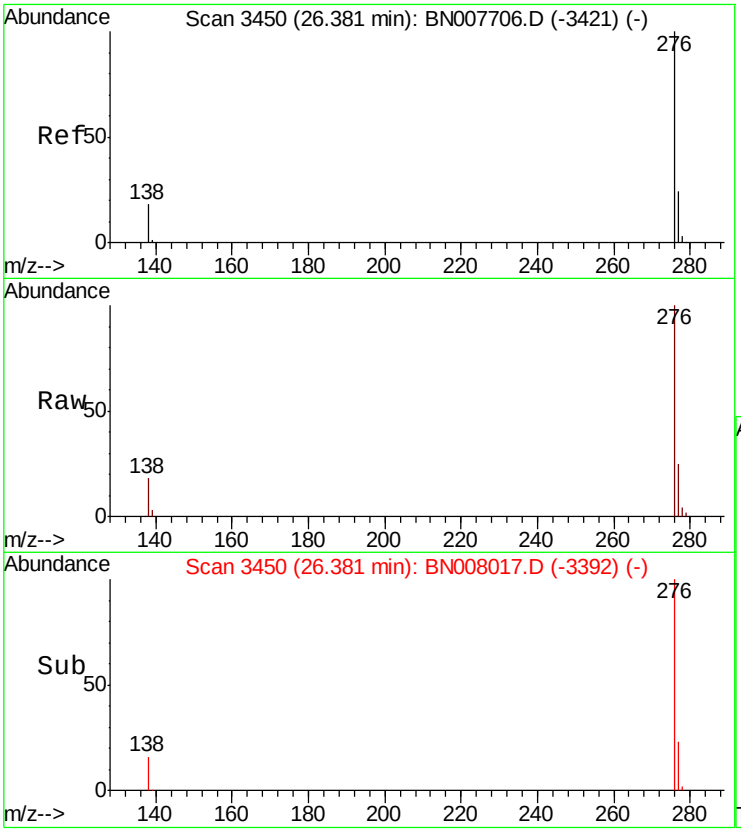


#38
Dibenzo(a,h)anthracene
Concen: 0.548 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Tgt Ion:278 Resp: 260571

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.8	17.6#
279	31.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.903 ng
RT: 26.38 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BN008017.D
Acq: 04 Oct 2019 23:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 894947

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	17.8	15.1	22.7