Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008015.D
Acq On : 04 Oct 2019 22:10
Operator : JU
Sample : K5078-09RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:04 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	20296	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	82656	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	48379	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	99836	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	128727	0.40	ng		-0.01
34) Perylene-d12	23.47	264	150913	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	16851	0.24	ng		0.00
5) Phenol-d6	6.88	99	22315	0.25	ng		0.00
8) Nitrobenzene-d5	8.82	82	19382	0.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	37348	0.27	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	7275	0.28	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	49910	0.25	ng		-0.01
25) Fluoranthene-d10	19.09	212	99225	0.29	ng		-0.01
29) Terphenyl-d14	19.69	244	82194	0.26	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	22031	2.126	ng	#	65
6) bis(2-Chloroethyl)ether	7.13	93	3147	0.055	ng	#	26
9) Naphthalene	10.49	128	12219	0.053	ng	#	91
12) 2-Methylnaphthalene	12.12	142	8921	0.057	ng	#	95
16) Acenaphthylene	14.02	152	194264	0.757	ng		99
17) Acenaphthene	14.37	154	16424	0.099	ng		100
18) Fluorene	15.36	166	38034	0.179	ng		88
22) Pentachlorophenol	16.72	266	642	0.026	ng	#	86
23) Phenanthrene	17.09	178	670602	2.156	ng		99
24) Anthracene	17.19	178	247767	0.882	ng		97
26) Fluoranthene	19.12	202	1816877	4.698	ng		99
28) Pyrene	19.49	202	1741984	3.968	ng	#	95
30) Benzo(a)anthracene	21.24	228	1116735	2.356	ng		96
31) Chrysene	21.29	228	1273726	2.757	ng		97
32) Bis(2-ethylhexyl)phthalate	21.17	149	176189	0.723	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	1065293	1.842	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	1932689	3.689	ng		98
36) Benzo(k)fluoranthene	22.81	252	1932689	3.731	ng		98
37) Benzo(a)pyrene	23.38	252	1217917	2.474	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	264593	0.525	ng	#	87
39) Benzo(g,h,i)perylene	26.38	276	1111761	2.230	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
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Acq On : 04 Oct 2019 22:10
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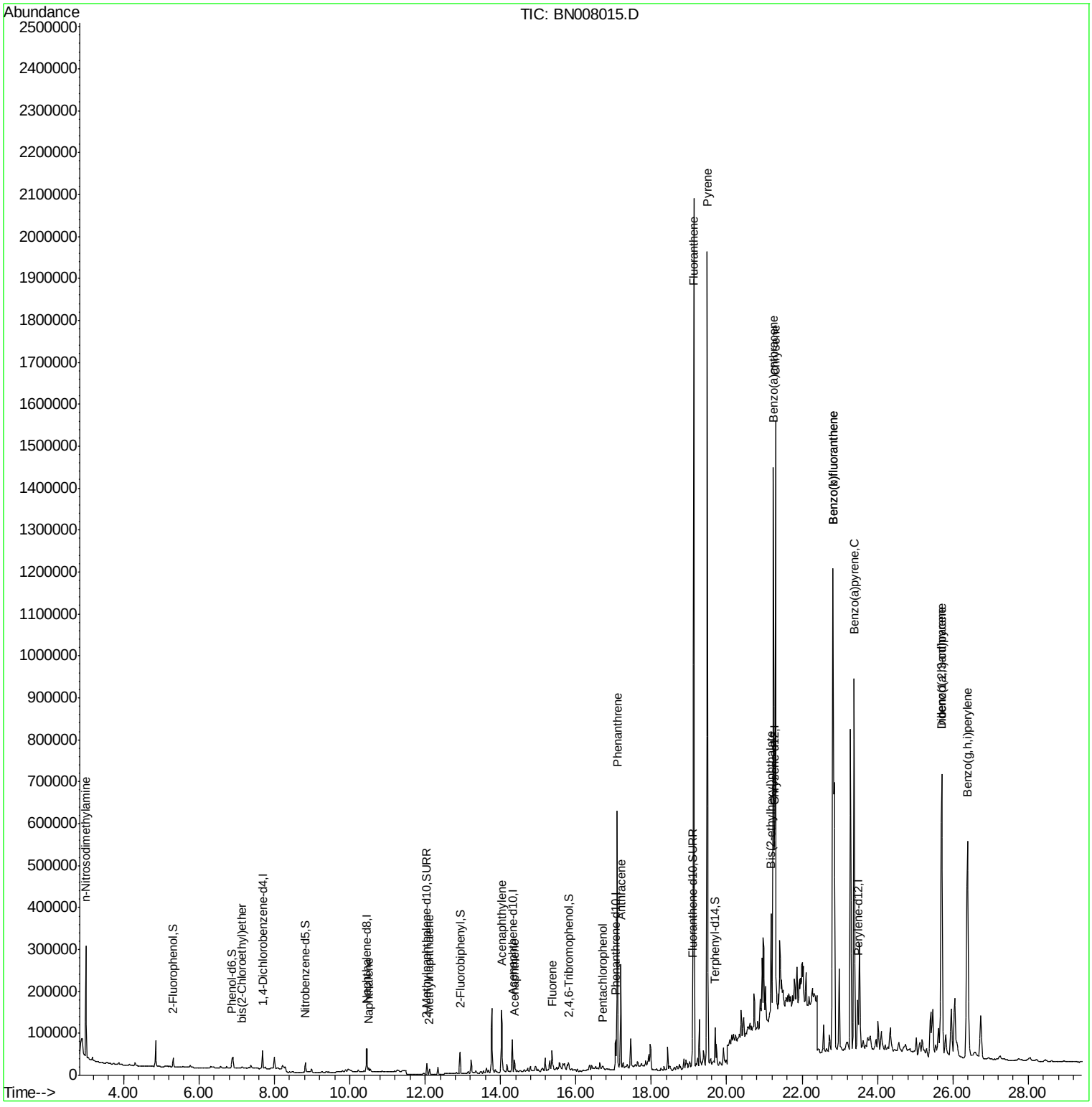
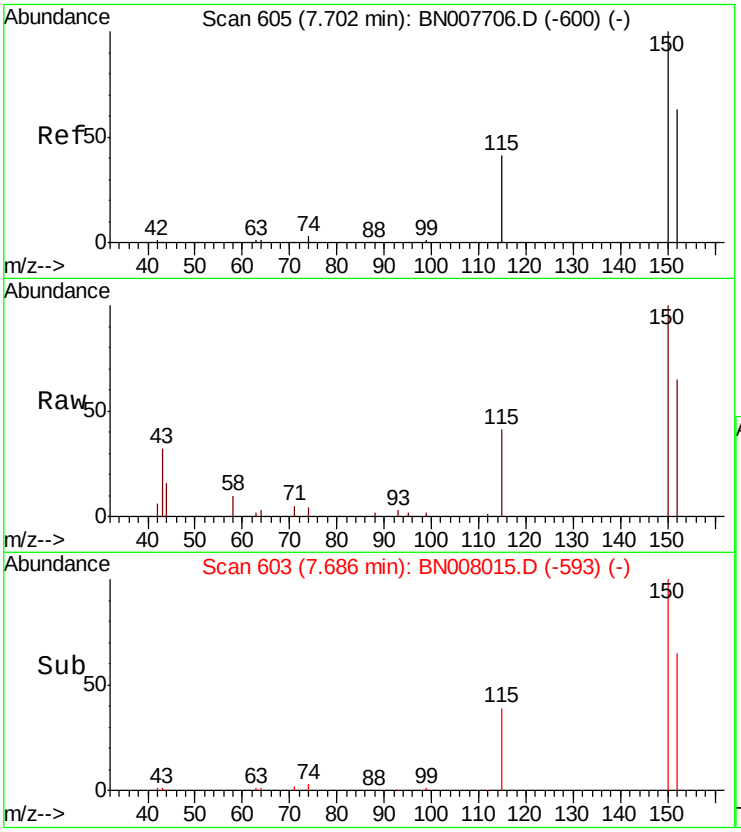
Sample : K5078-09RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:04 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



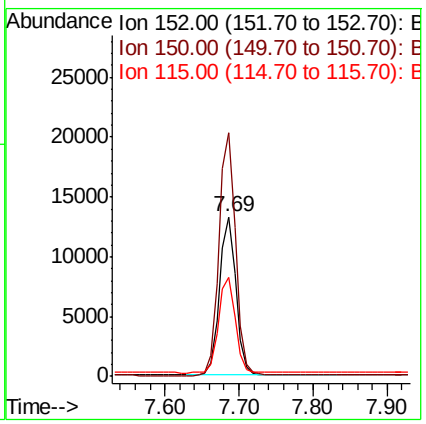


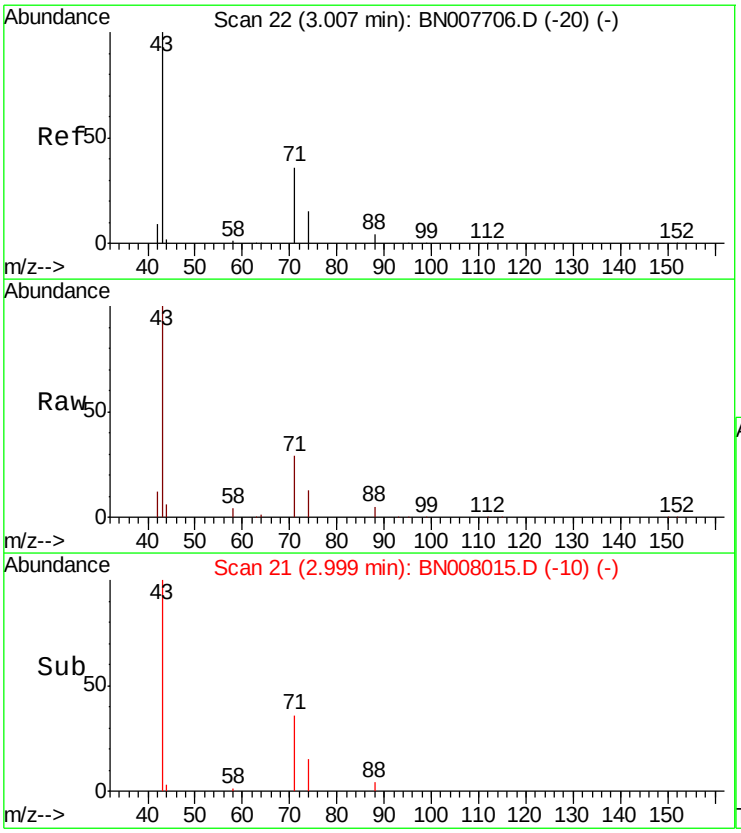
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 20296

Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.6	188.4
115	62.2	53.3	79.9

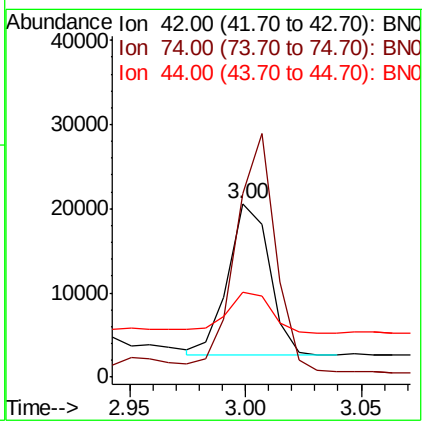


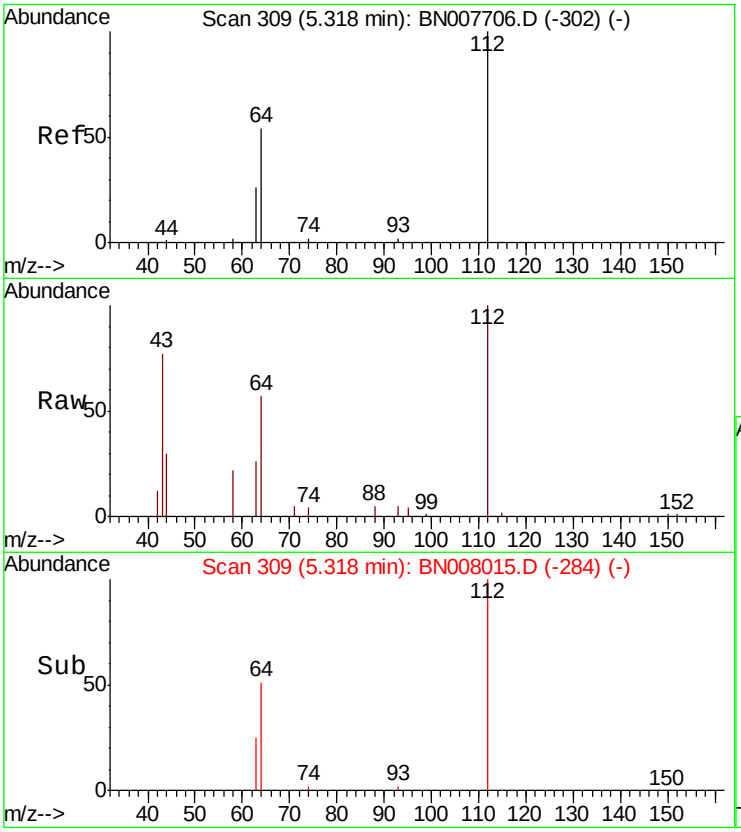


#3
n-Nitrosodimethylamine
Concen: 2.126 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion: 42 Resp: 22031

Ion	Ratio	Lower	Upper
42	100		
74	154.0	87.9	131.9#
44	28.2	29.4	44.0#



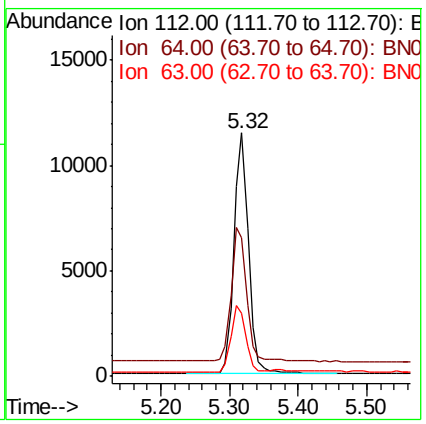


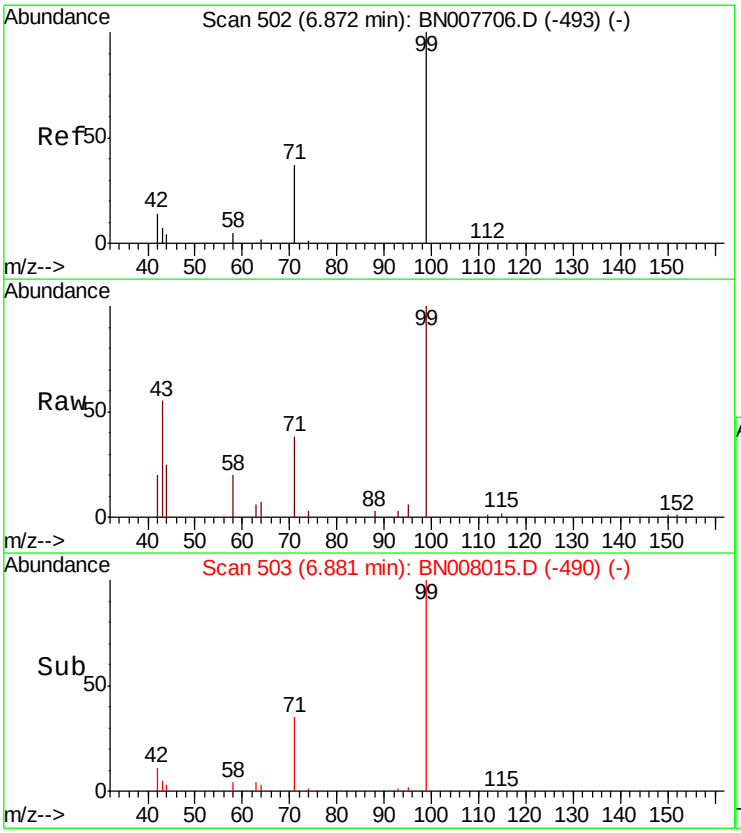
#4
2-Fluorophenol
Concen: 0.241 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 16851

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	28.3	23.1	34.7

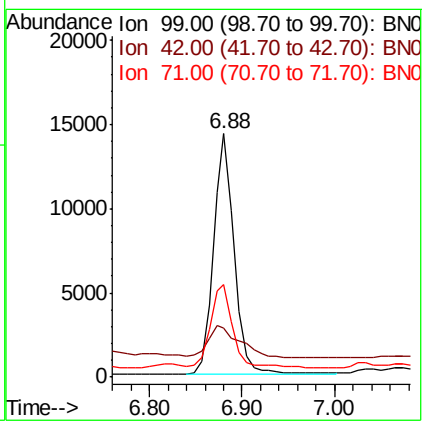


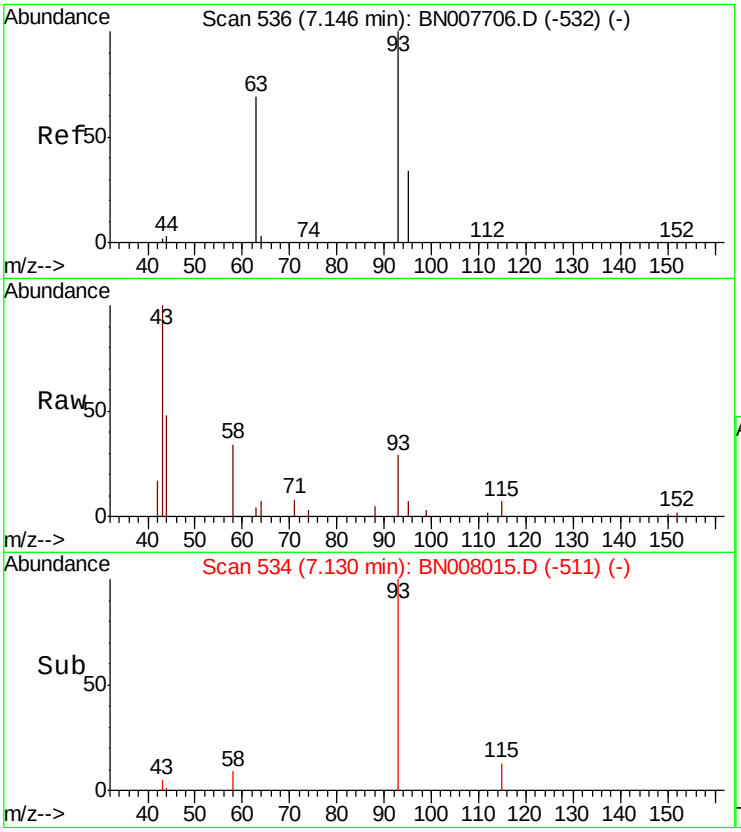


#5
Phenol-d6
Concen: 0.254 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion: 99 Resp: 22315

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	38.0	27.6	41.4



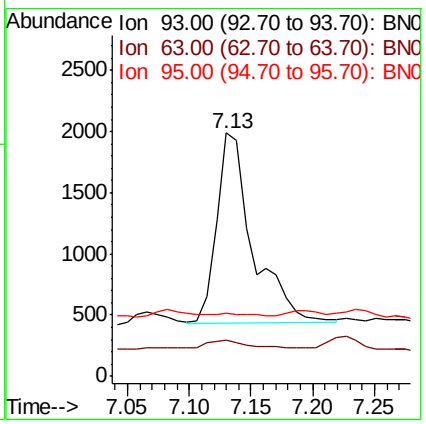


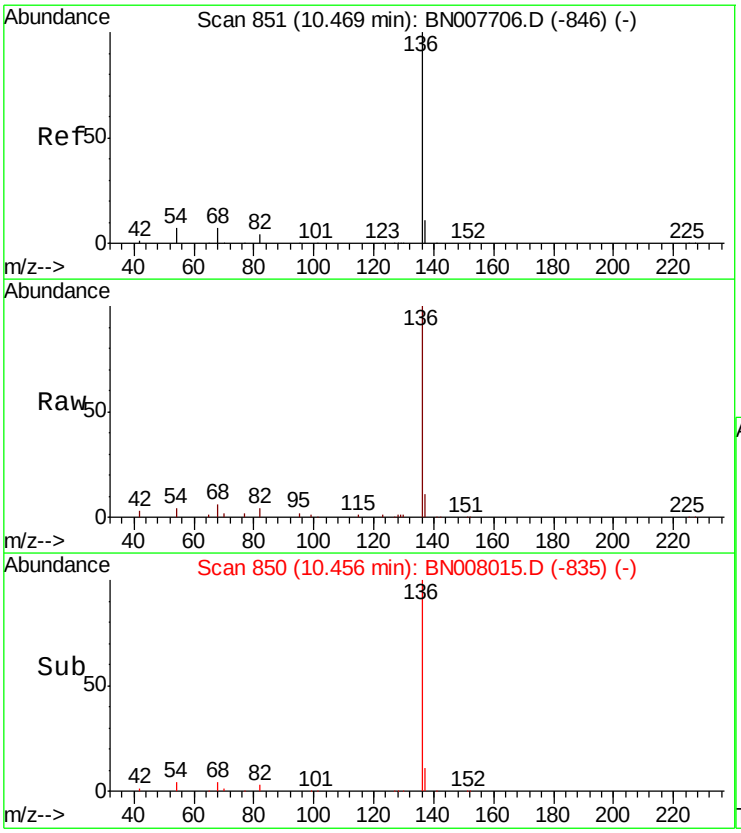
#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 3147

Ion	Ratio	Lower	Upper
93	100		
63	7.2	59.3	88.9#
95	0.0	31.4	47.0#

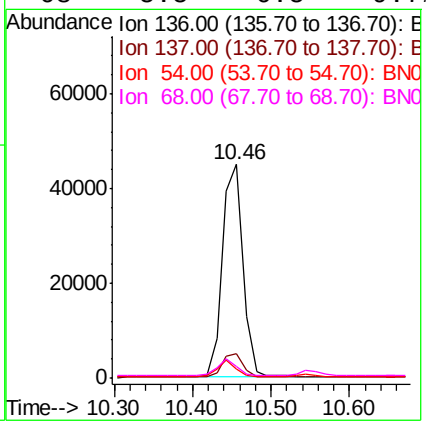


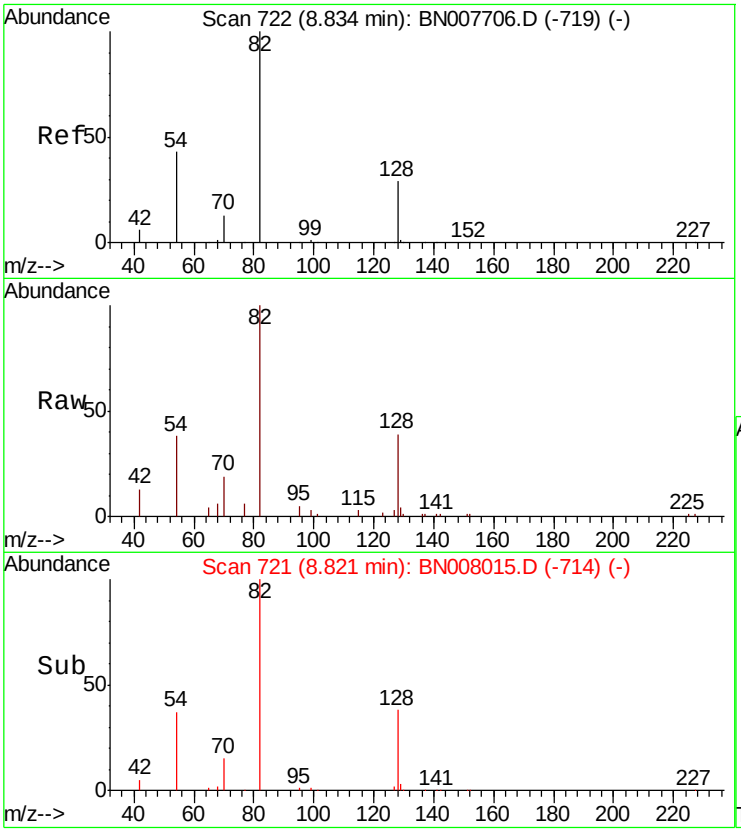


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:136 Resp: 82656

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.4	5.8	8.8#
68	5.5	6.5	9.7#



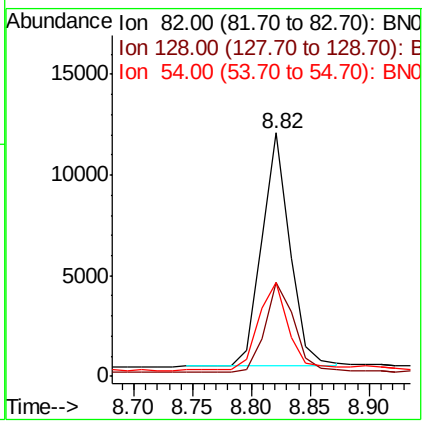


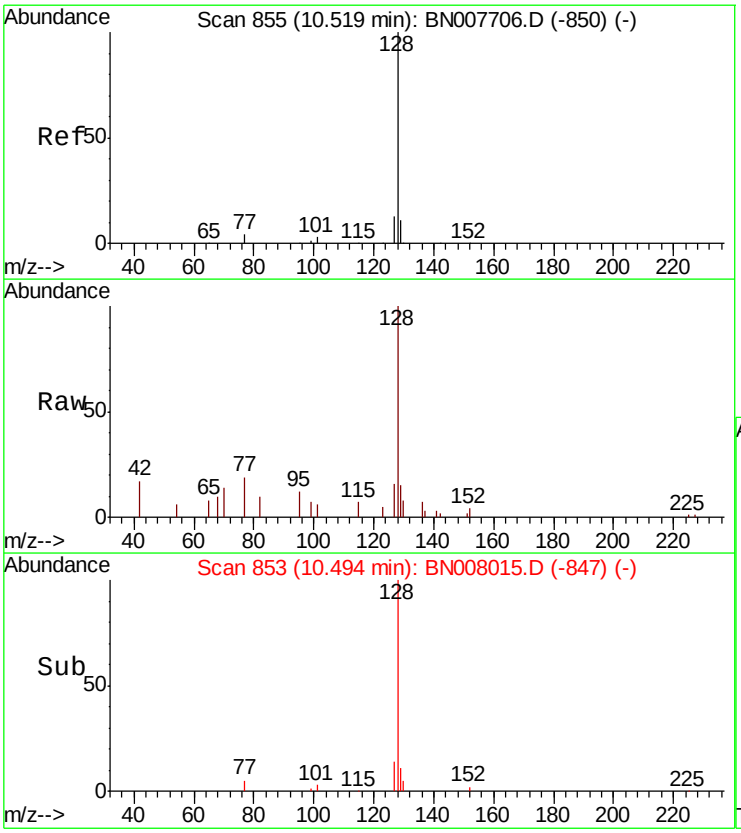
#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 19382

Ion	Ratio	Lower	Upper
82	100		
128	38.5	24.5	36.7#
54	38.3	35.2	52.8

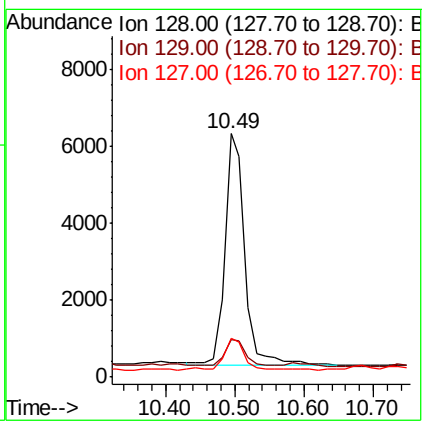


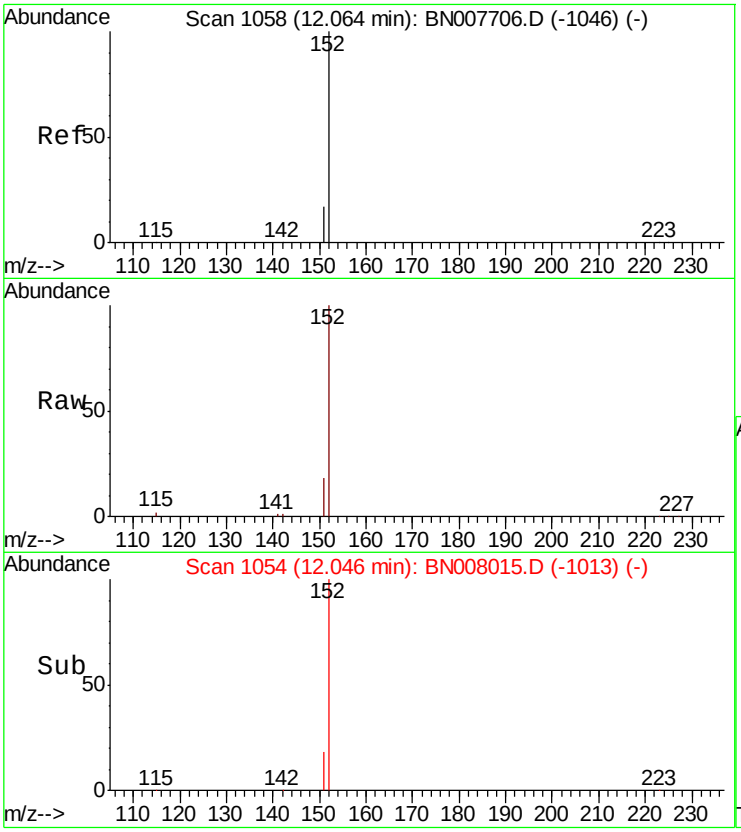


#9
Naphthalene
Concen: 0.053 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:128 Resp: 12219

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.1	13.7#
127	16.0	10.6	15.8#



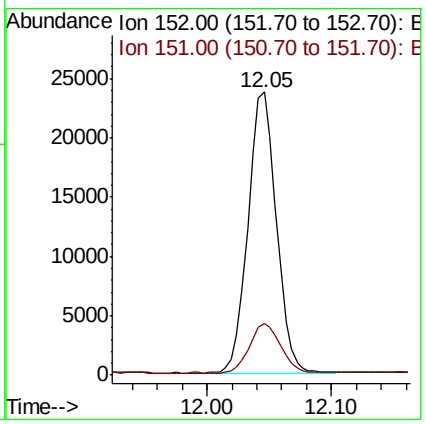


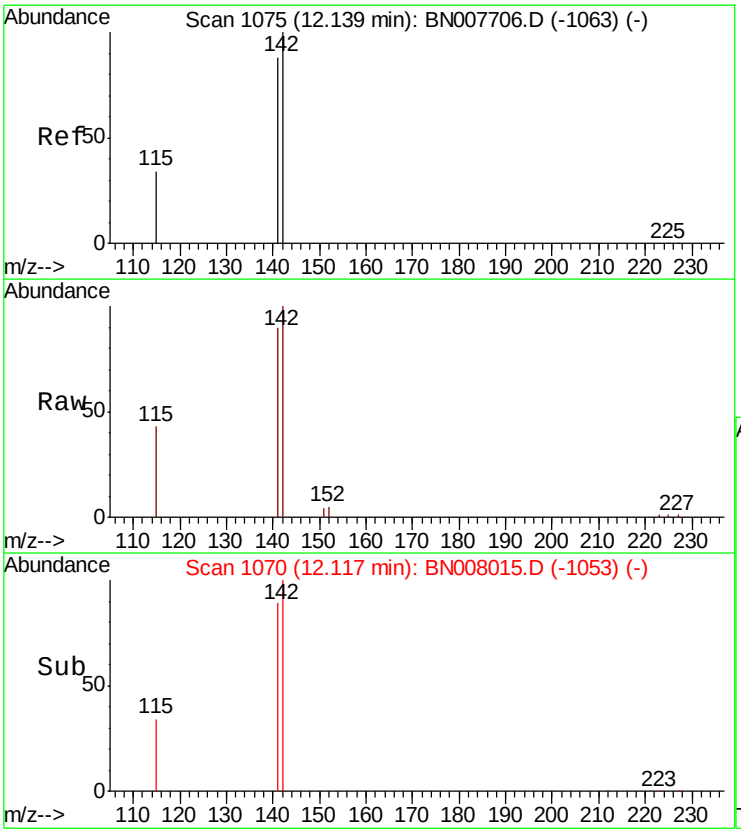
#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 37348

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

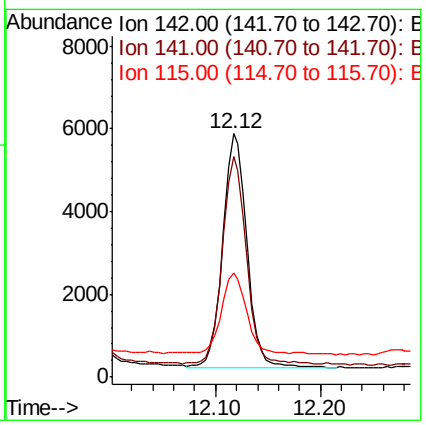


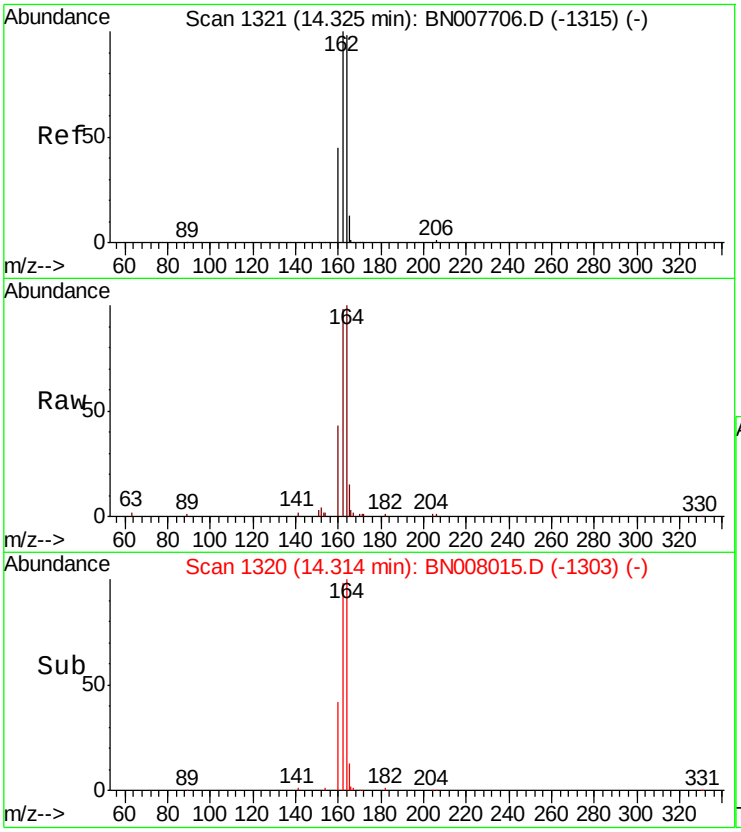


#12
2-Methylnaphthalene
Concen: 0.057 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:142 Resp: 8921

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.6	106.0
115	42.8	28.3	42.5#



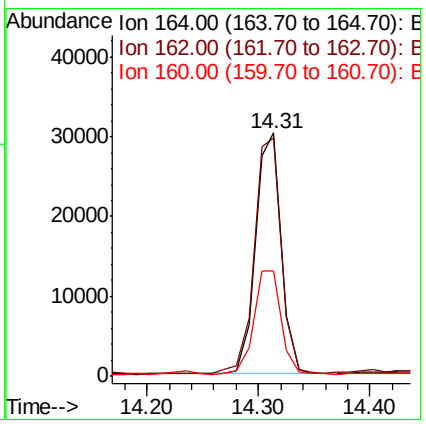


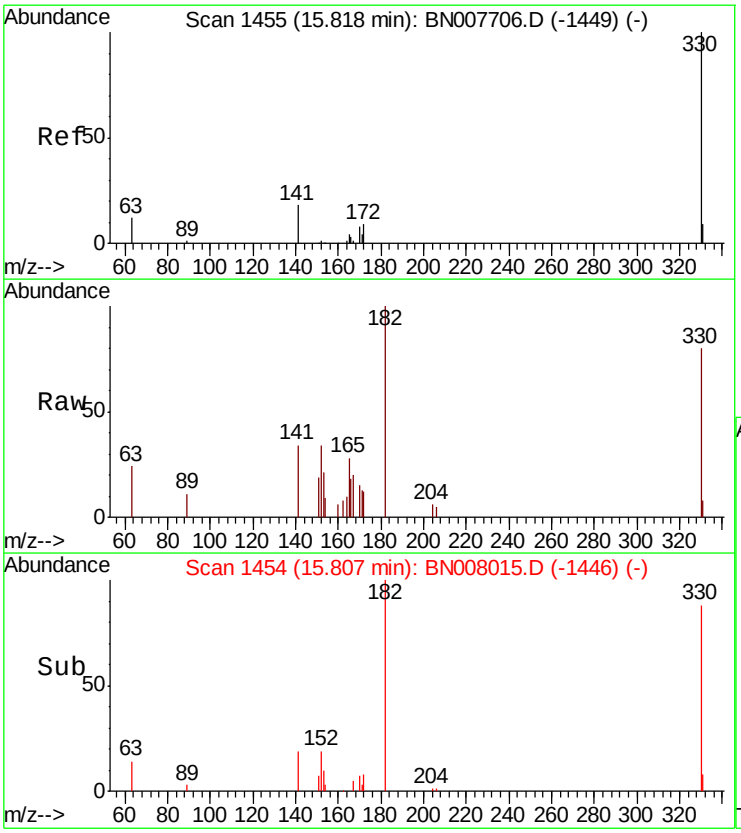
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 48379

Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.7	122.5
160	43.1	37.0	55.4

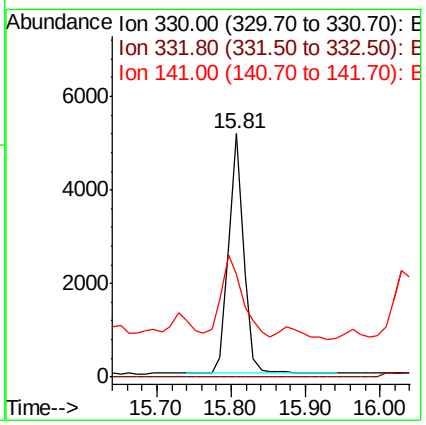


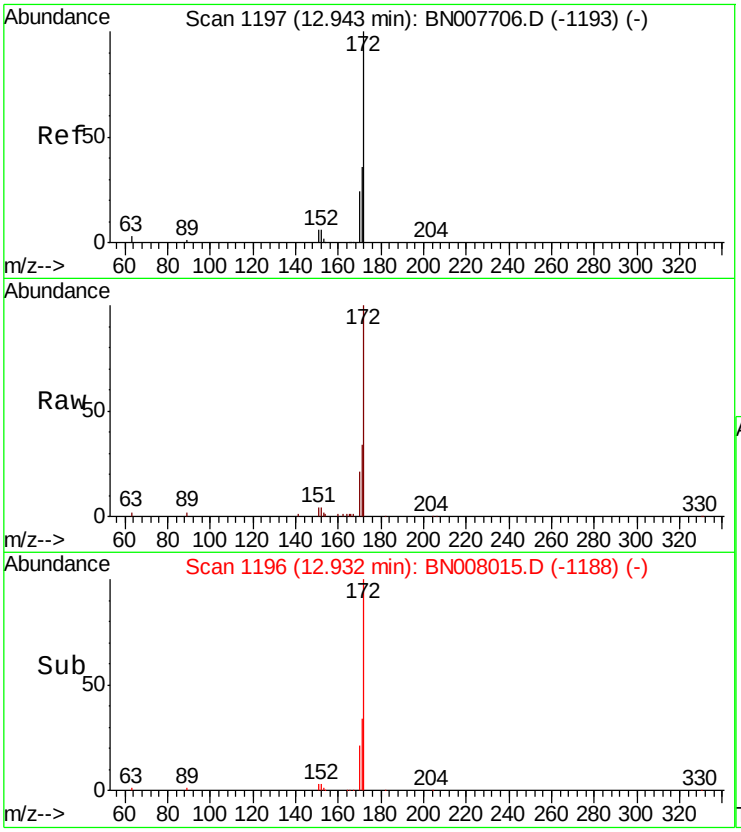


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:330 Resp: 7275

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.6	28.7	43.1#



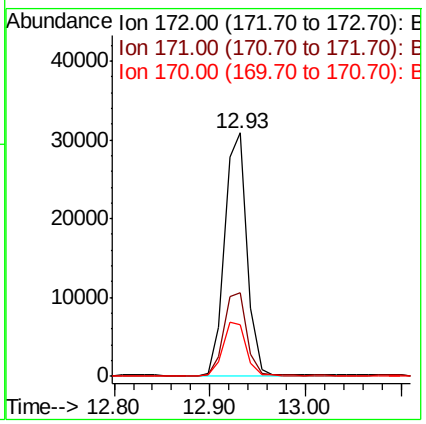


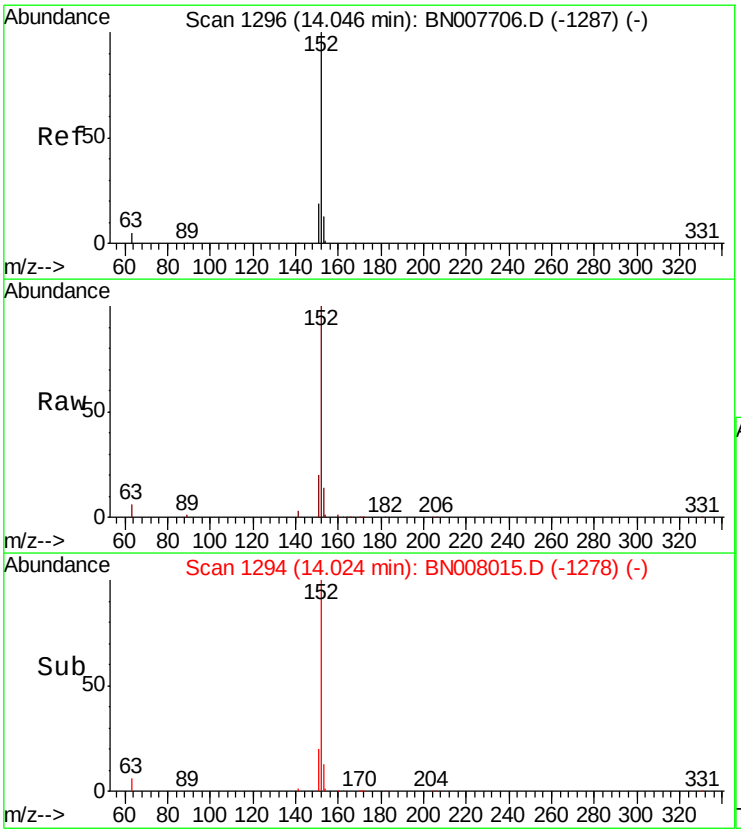
#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 49910

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	21.3	19.5	29.3

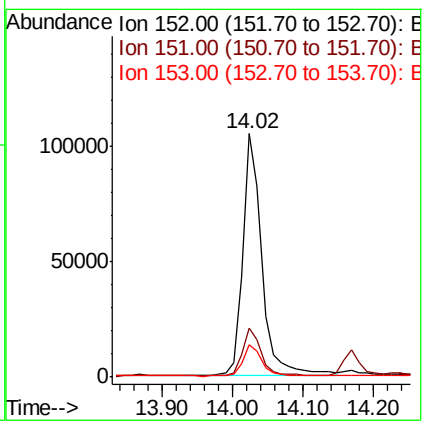


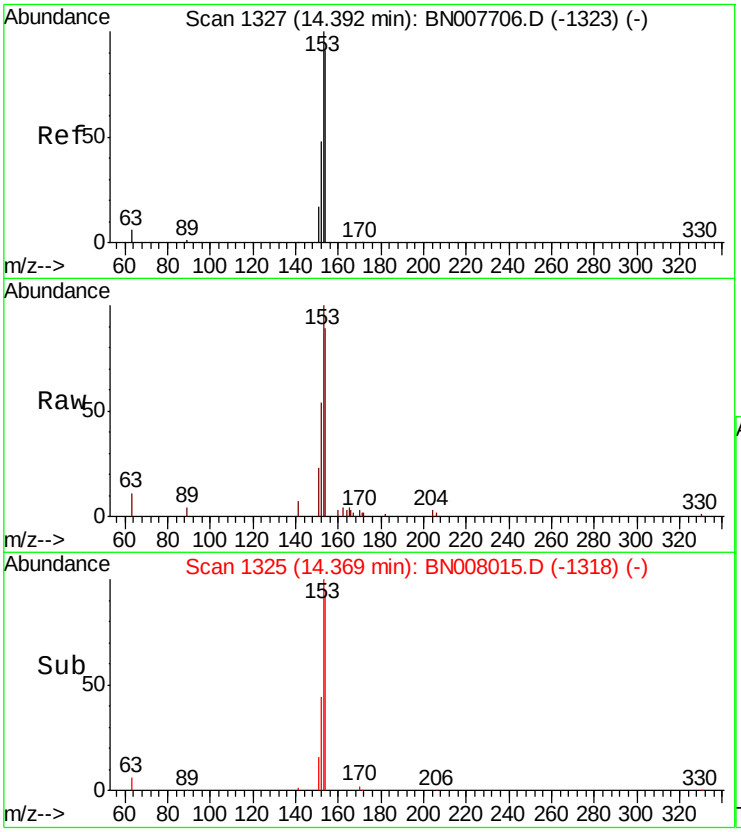


#16
Acenaphthylene
Concen: 0.757 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:152 Resp: 194264

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.3	10.4	15.6



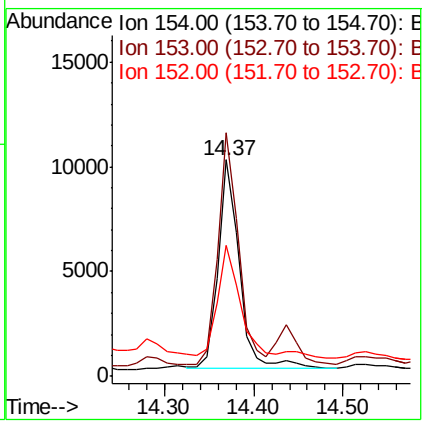


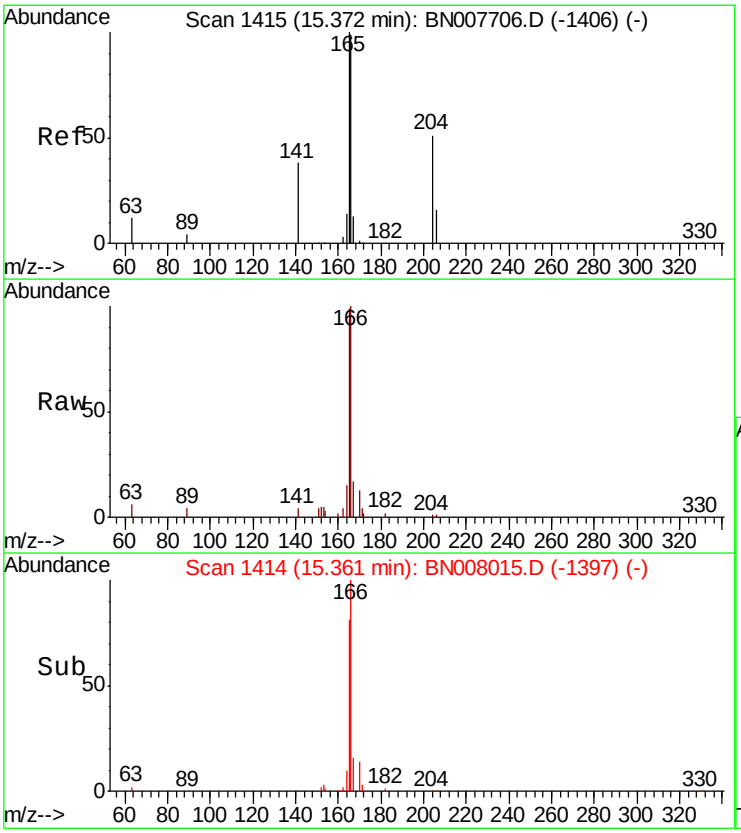
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 16424

Ion	Ratio	Lower	Upper
154	100		
153	108.4	87.0	130.4
152	54.1	42.7	64.1

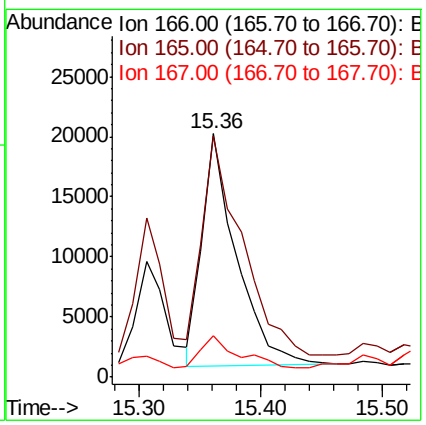


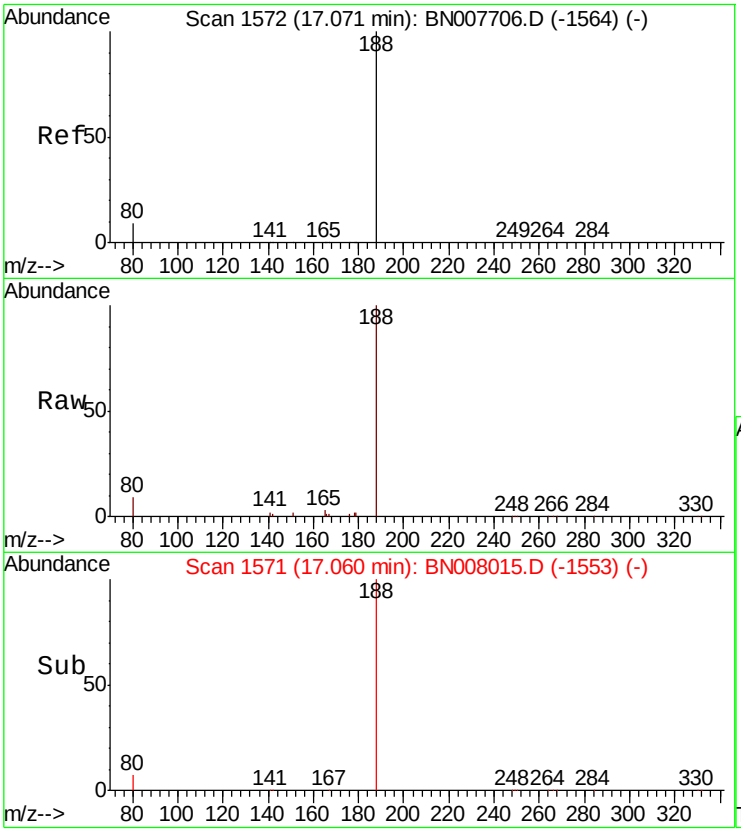


#18
Fluorene
Concen: 0.179 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:166 Resp: 38034

Ion	Ratio	Lower	Upper
166	100		
165	110.4	78.0	117.0
167	15.9	10.9	16.3



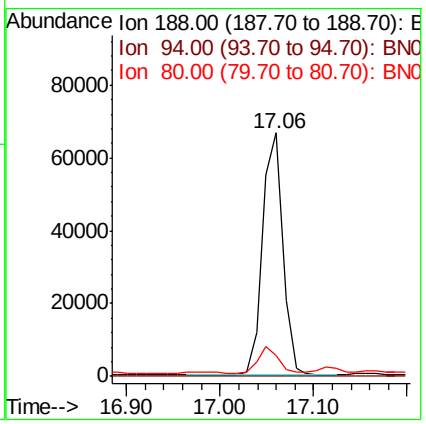


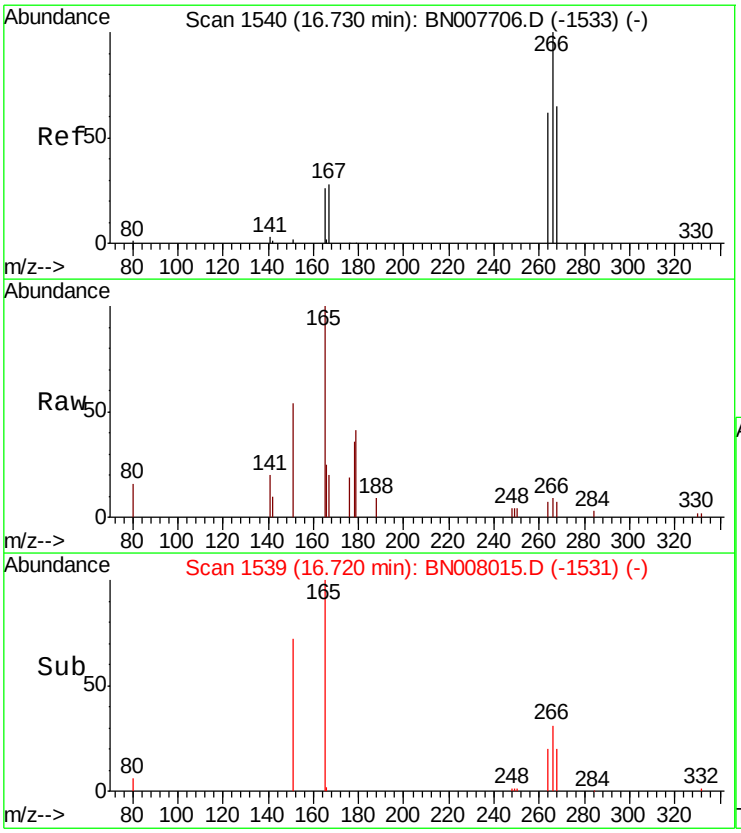
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 99836

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.2

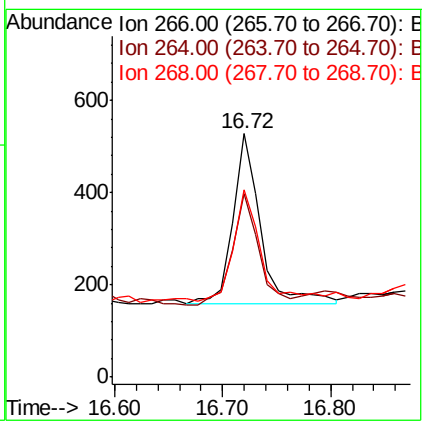


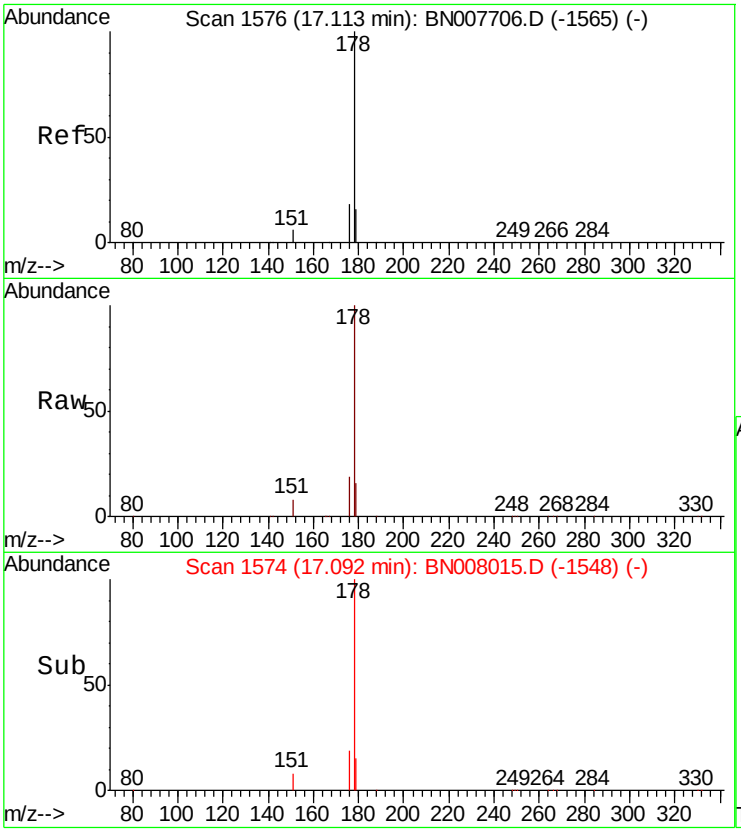


#22
Pentachlorophenol
Concen: 0.026 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:266 Resp: 642

Ion	Ratio	Lower	Upper
266	100		
264	75.2	50.0	75.0#
268	76.7	54.2	81.4



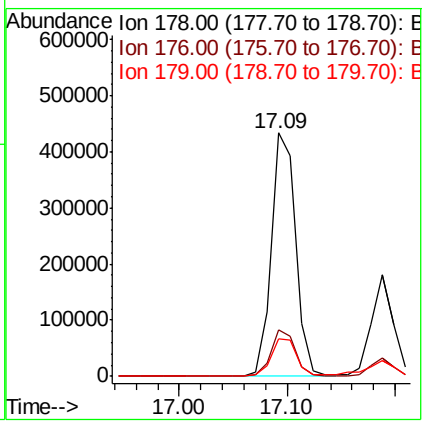


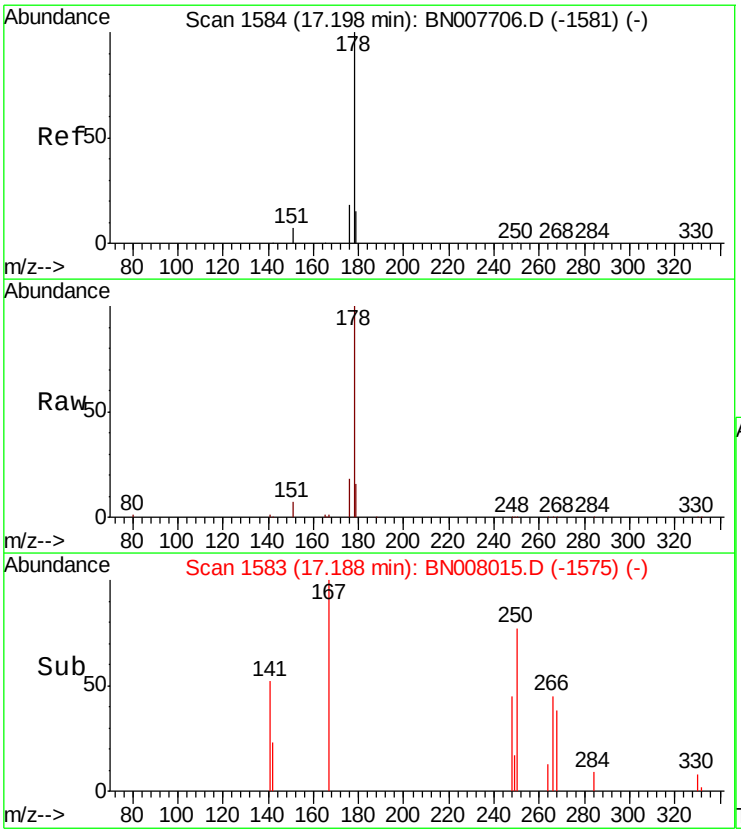
#23
Phenanthrene
Concen: 2.156 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 670602

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.9	12.5	18.7

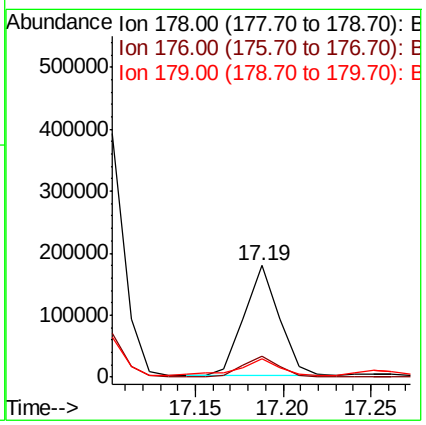


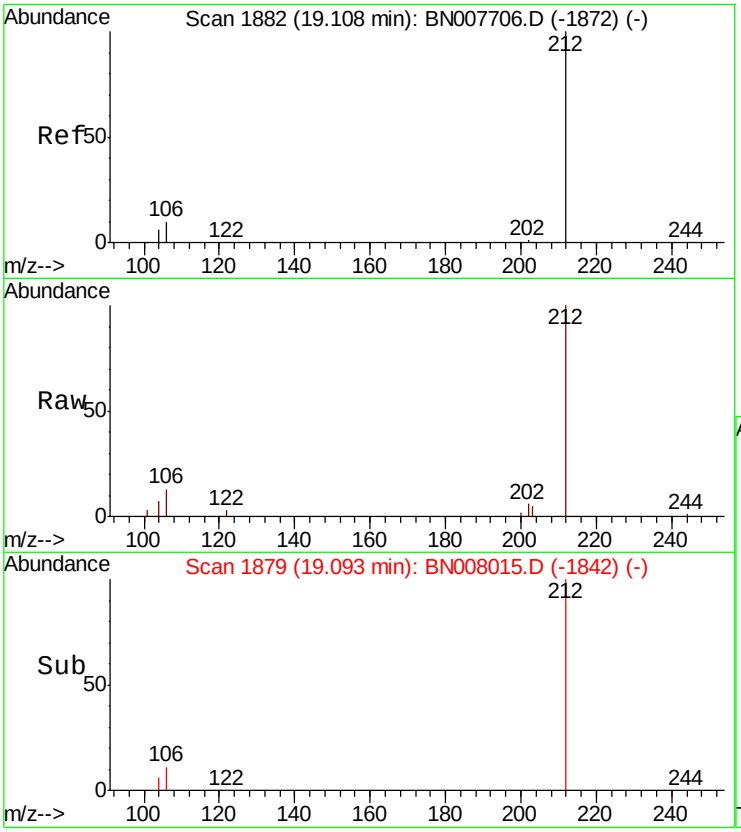


#24
Anthracene
Concen: 0.882 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:178 Resp: 247767

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	17.8	12.2	18.4



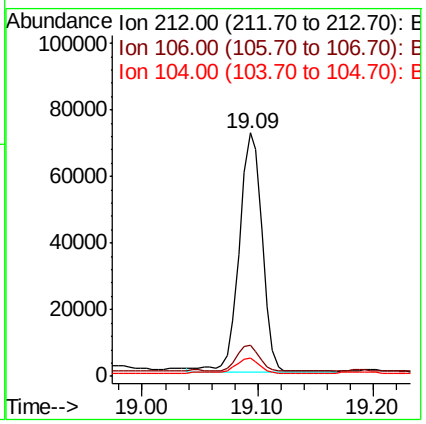


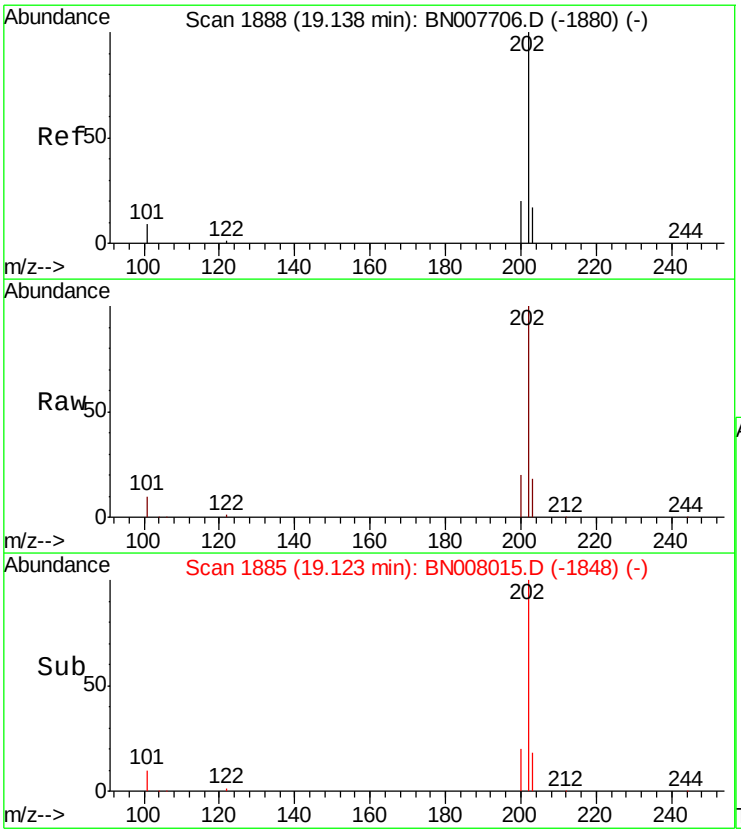
#25
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 99225

Ion	Ratio	Lower	Upper
212	100		
106	10.5	9.4	14.0
104	6.7	5.3	7.9

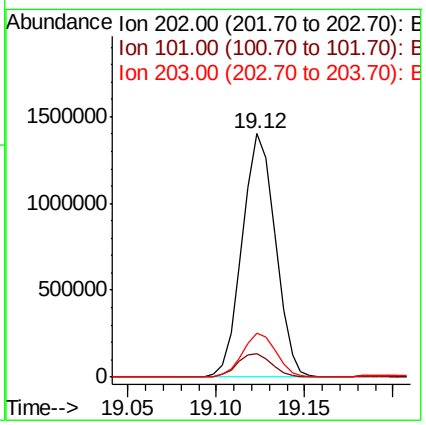


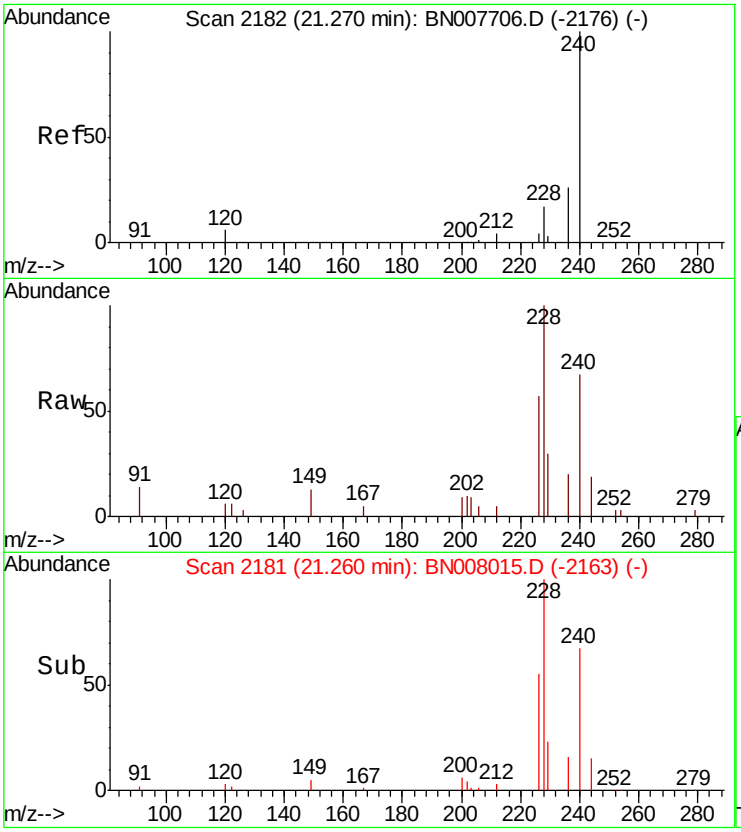


#26
Fluoranthene
Concen: 4.698 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:202 Resp: 1816877

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	17.8	13.8	20.8



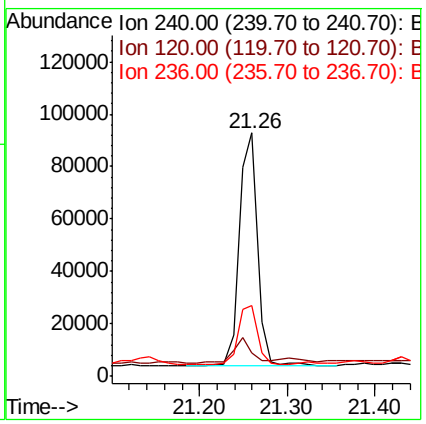


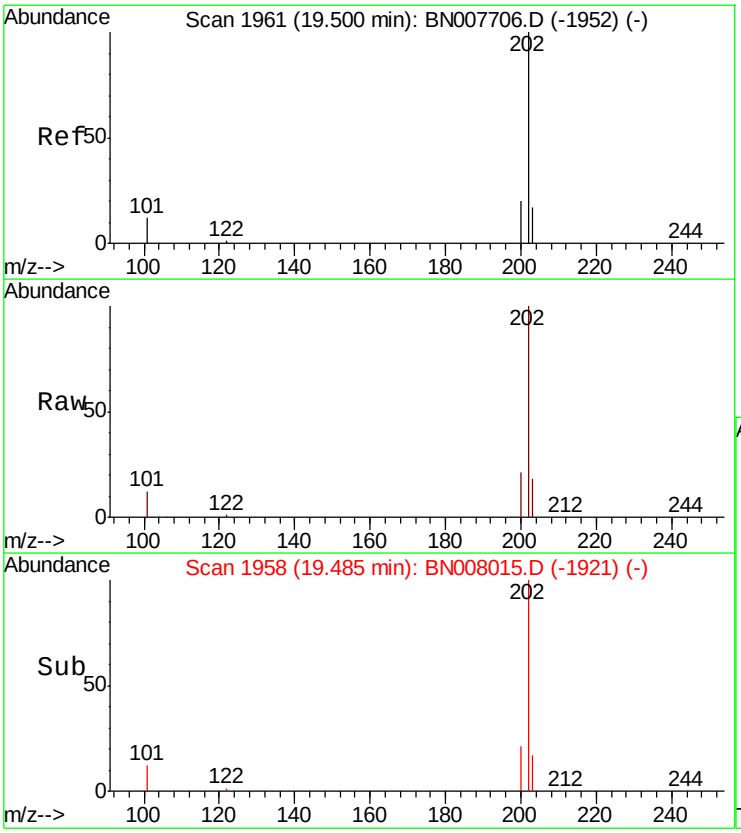
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 128727

Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.4	8.2#
236	29.3	21.0	31.4

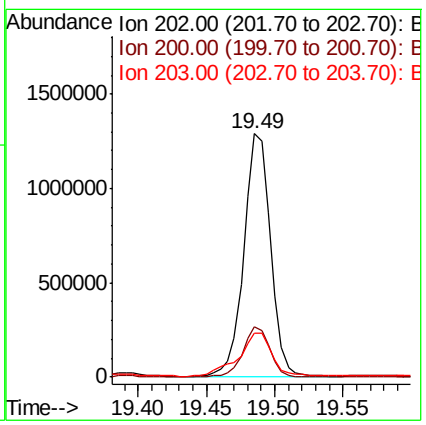


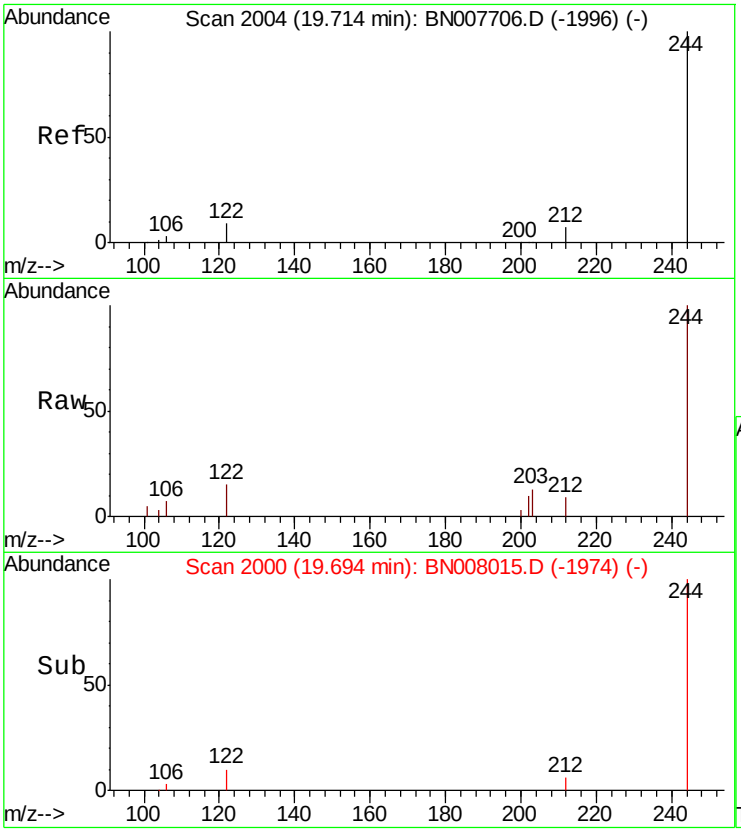


#28
Pyrene
Concen: 3.968 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:202 Resp: 1741984

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	22.0	14.1	21.1#



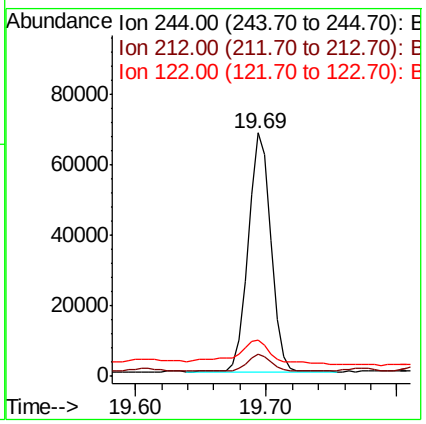


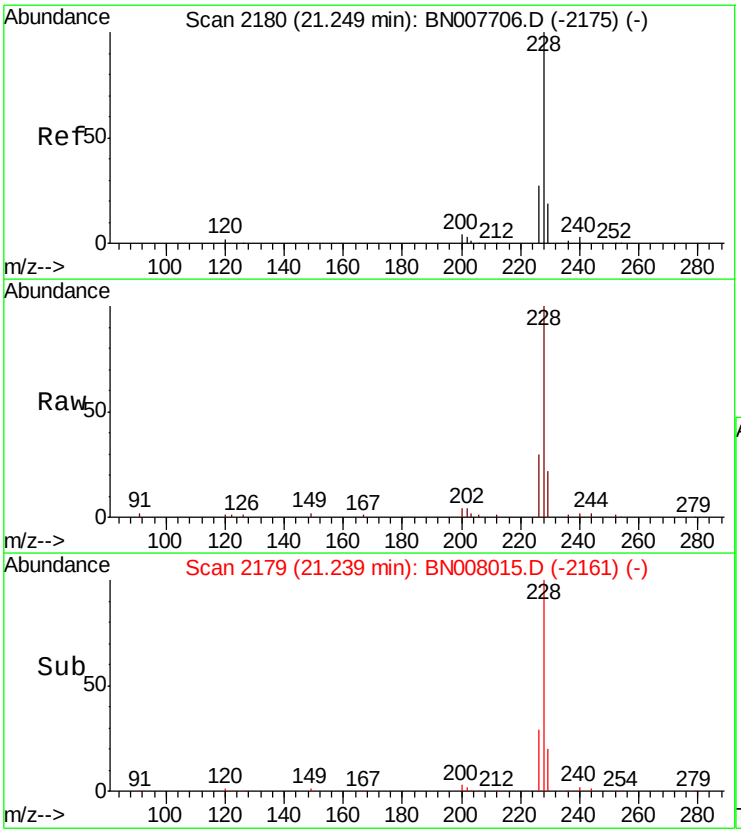
#29
Terphenyl-d14
Concen: 0.260 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 82194

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.9	8.9#
122	15.1	7.4	11.2#

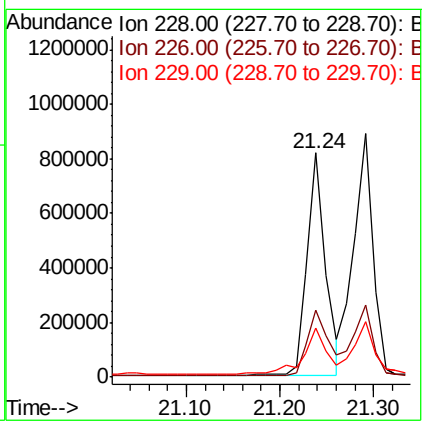


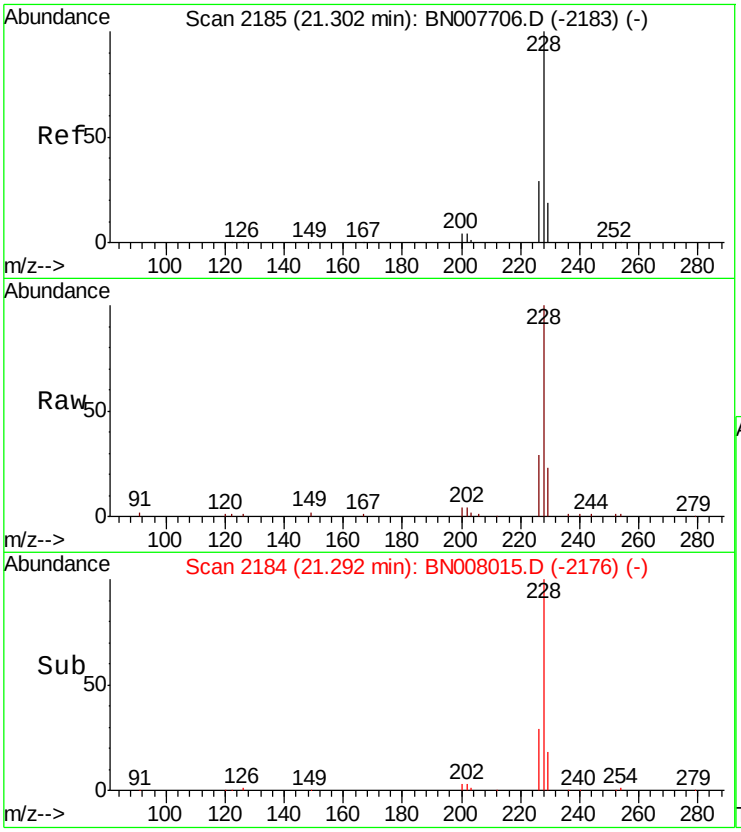


#30
Benzo(a)anthracene
Concen: 2.356 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:228 Resp: 1116735

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.1	33.1
229	21.9	15.8	23.6



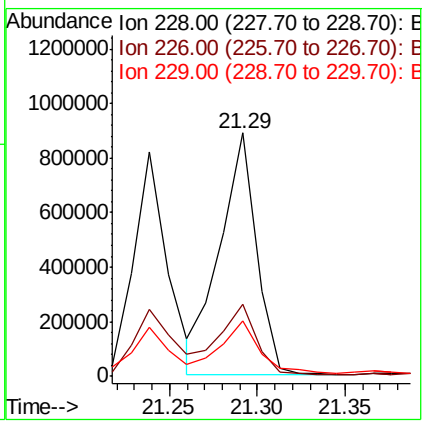


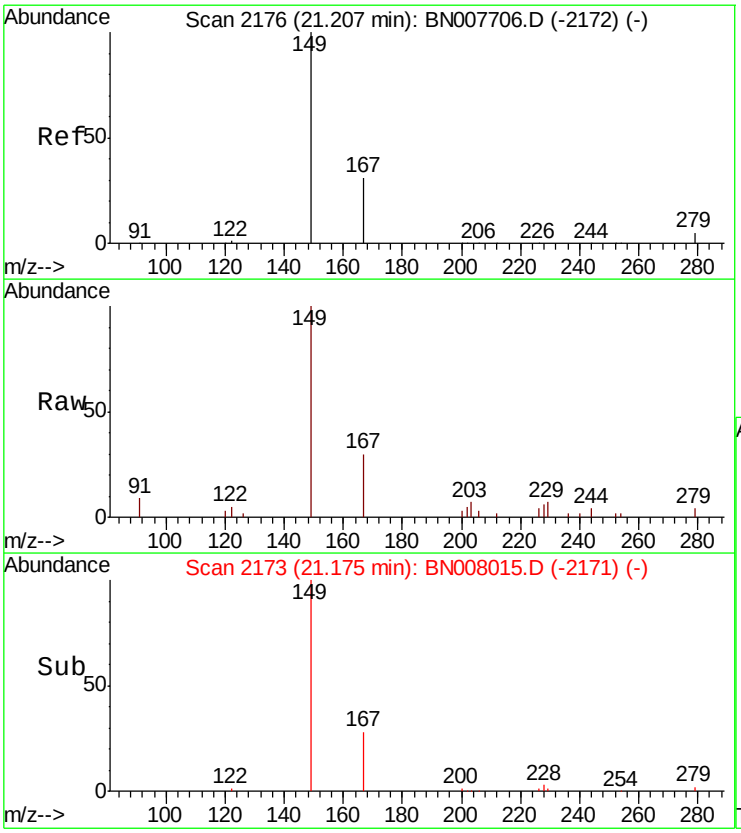
#31
Chrysene
Concen: 2.757 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1273726

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	22.8	15.8	23.6

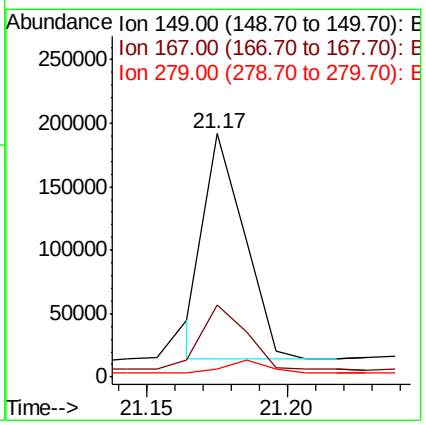


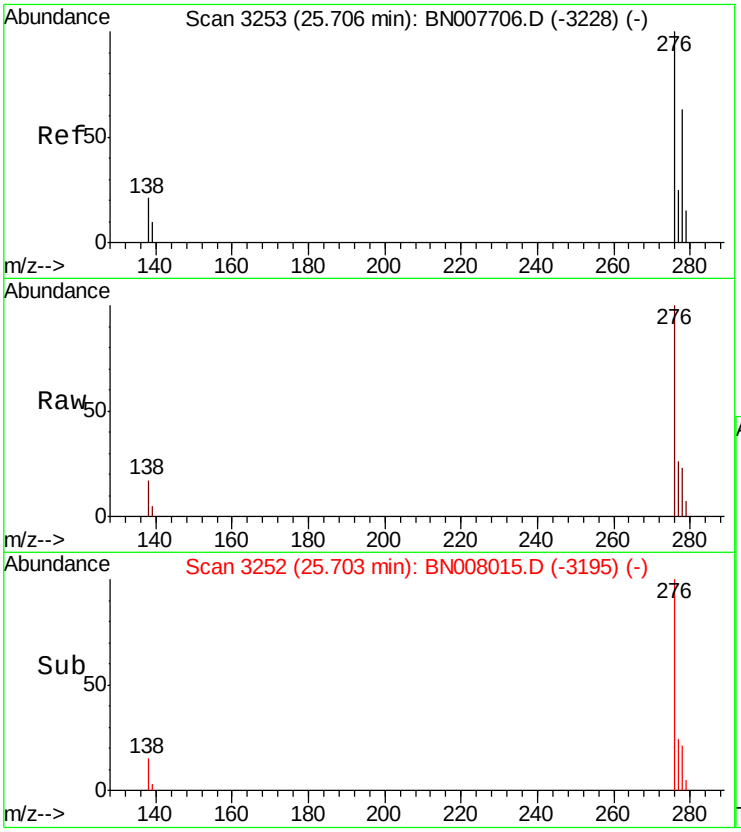


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.723 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:149 Resp: 176189

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.7	35.5
279	6.0	4.2	6.2



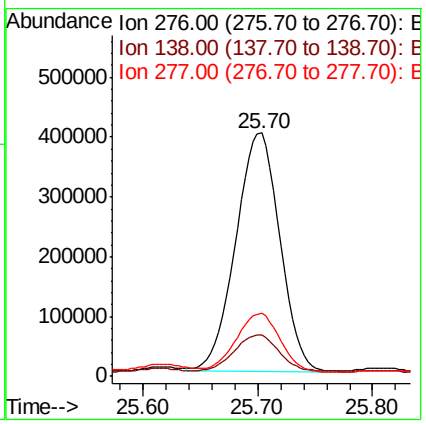


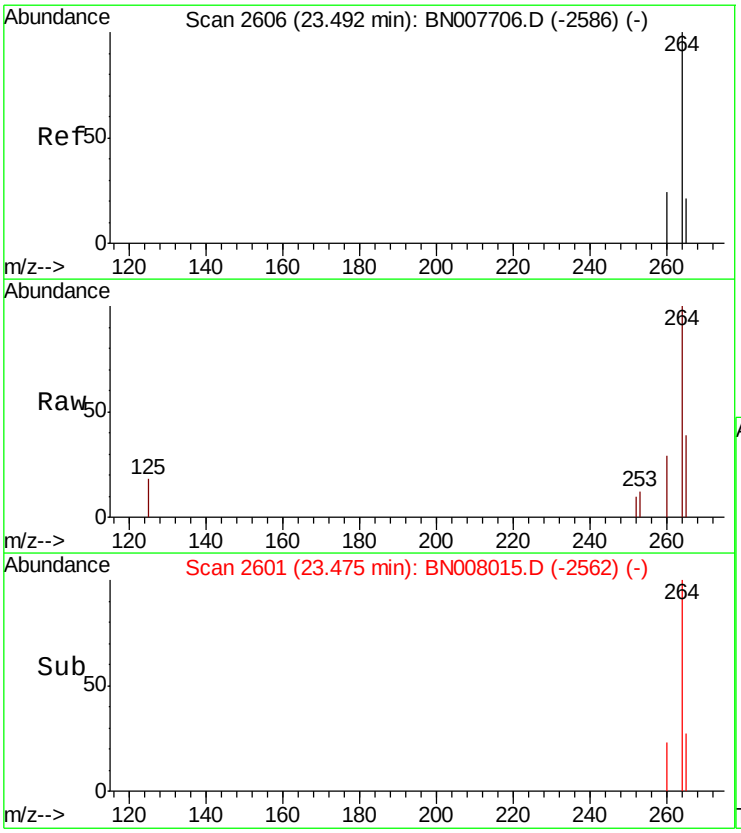
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.842 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1065293

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.1	25.7#
277	24.7	20.0	30.0

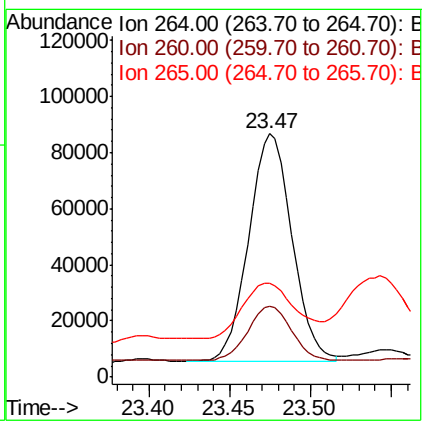


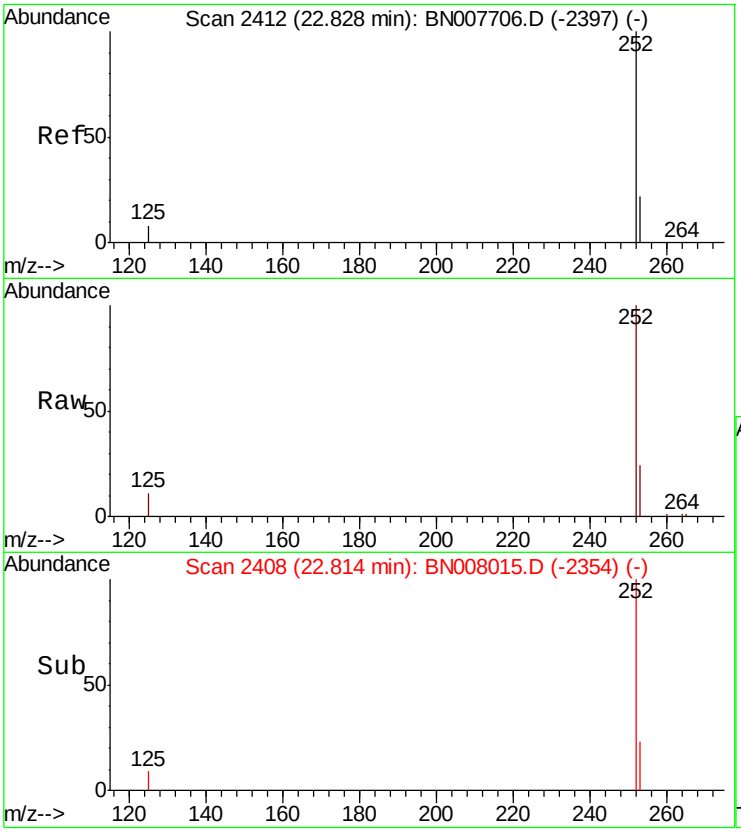


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:264 Resp: 150913

Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.3	28.9#
265	38.6	26.9	40.3



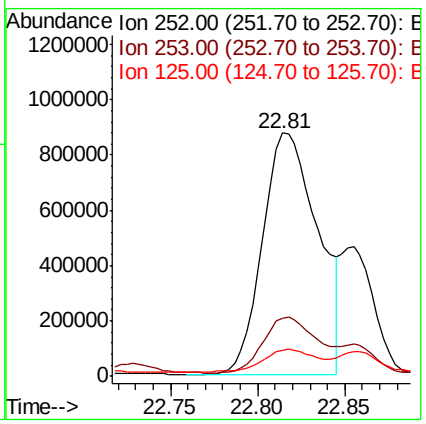


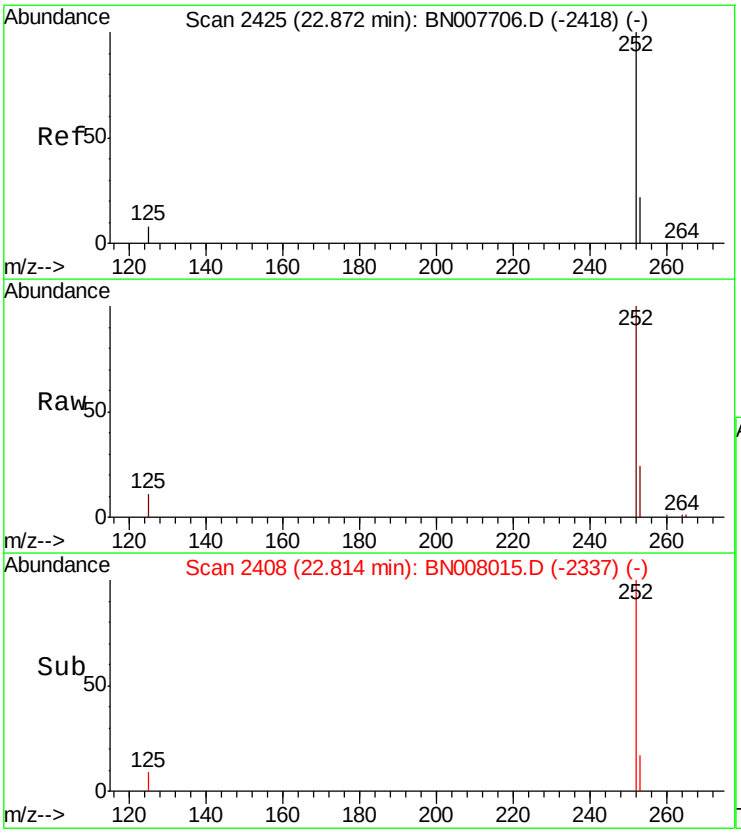
#35
Benzo(b)fluoranthene
Concen: 3.689 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1932689

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	10.7	8.2	12.4

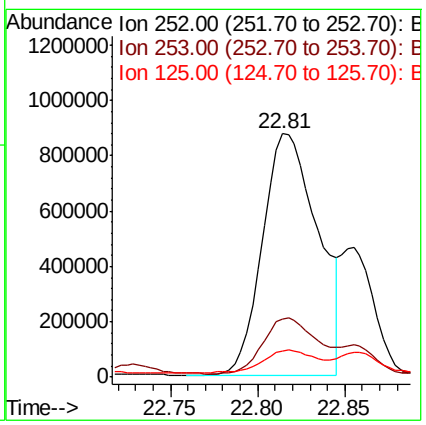


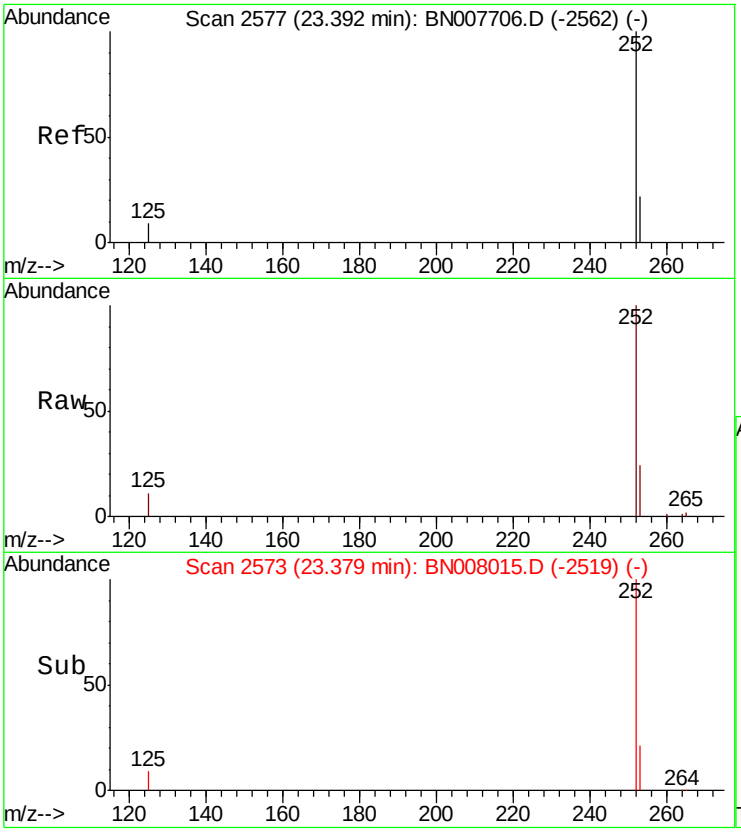


#36
Benzo(k)fluoranthene
Concen: 3.731 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.06 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:252 Resp: 1932689

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	10.7	8.4	12.6



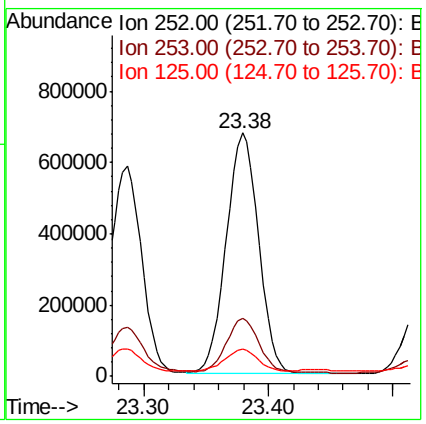


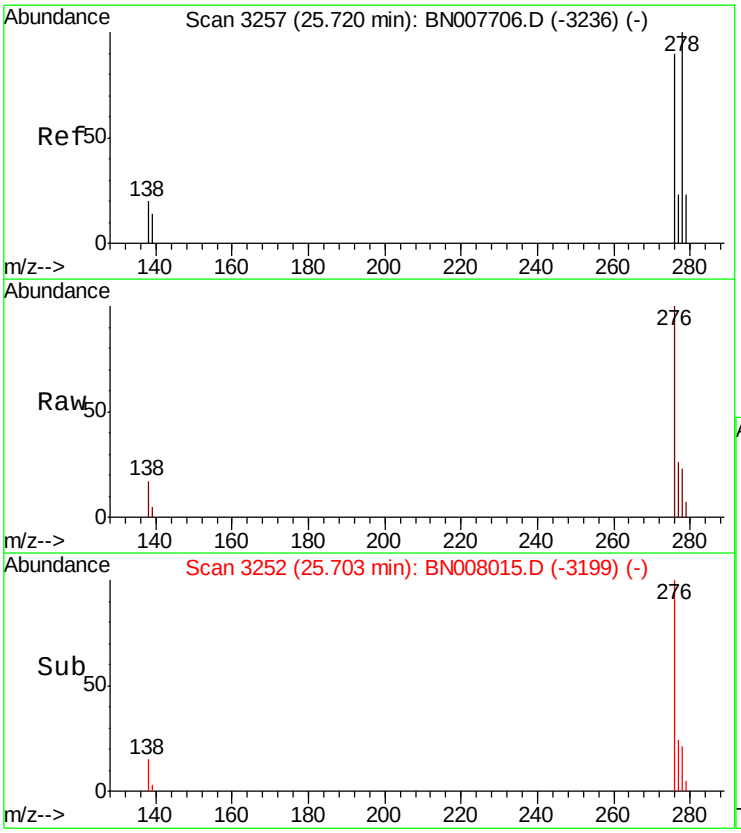
#37
Benzo(a)pyrene
Concen: 2.474 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1217917

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	11.0	9.4	14.0

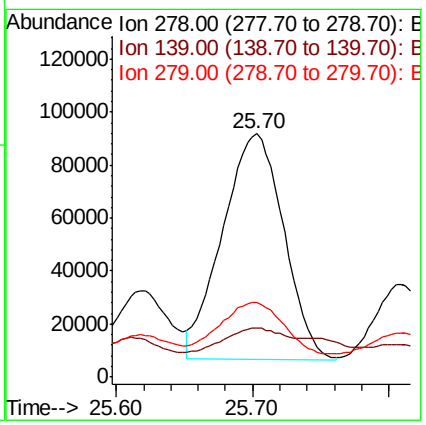


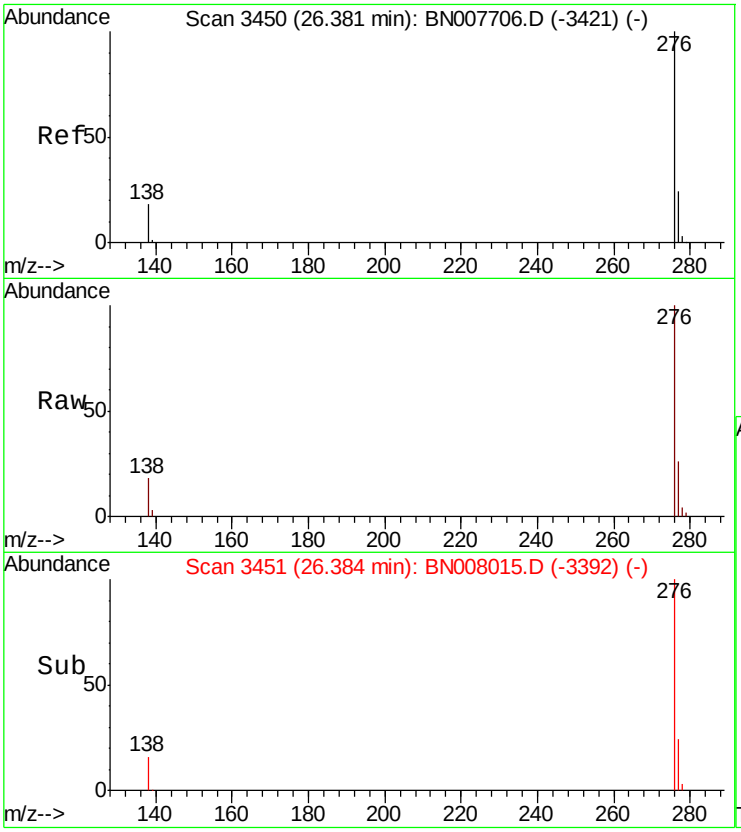


#38
Dibenzo(a,h)anthracene
Concen: 0.525 ng
RT: 25.70 min Scan# 3252
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:278 Resp: 264593

Ion	Ratio	Lower	Upper
278	100		
139	20.2	11.8	17.6#
279	30.6	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 2.230 ng
RT: 26.38 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1111761

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	17.5	15.1	22.7