Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007584.D
Acq On : 10 Sep 2019 20:47
Operator : HP/JU
Sample : K4781-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 10 21:19:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:53:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	6003	0.40	ng		-0.02
7) Naphthalene-d8	10.49	136	25443	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	15373	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	37063	0.40	ng		0.00
27) Chrysene-d12	21.28	240	38790	0.40	ng		0.00
34) Perylene-d12	23.51	264	43065	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1996	0.11	ng		0.00
5) Phenol-d6	6.89	99	1879	0.07	ng		0.00
8) Nitrobenzene-d5	8.86	82	4846	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	10982	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1292	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	17474	0.27	ng		0.00
25) Fluoranthene-d10	19.12	212	29145	0.24	ng		0.00
29) Terphenyl-d14	19.73	244	28946	0.29	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.02	42	84921	23.681	ng	#	100
6) bis(2-Chloroethyl)ether	7.18	93	214	0.225	ng	#	18
9) Naphthalene	10.53	128	12232	0.171	ng		98
12) 2-Methylnaphthalene	12.16	142	18365	0.366	ng		100
16) Acenaphthylene	14.06	152	3118	0.038	ng	#	85
17) Acenaphthene	14.41	154	28866	0.553	ng		98
18) Fluorene	15.39	166	35204	0.513	ng		99
22) Pentachlorophenol	16.75	266	32	0.208	ng	#	75
23) Phenanthrene	17.13	178	116068	1.015	ng		100
24) Anthracene	17.22	178	14756	0.140	ng	#	83
26) Fluoranthene	19.15	202	31145	0.224	ng		99
28) Pyrene	19.52	202	27656	0.198	ng	#	96
30) Benzo(a)anthracene	21.27	228	8107	0.058	ng	#	85
31) Chrysene	21.31	228	8418	0.060	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.23	149	6585	0.139	ng		98
33) Indeno(1,2,3-cd)pyrene	25.74	276	4835	0.032	ng	#	100
35) Benzo(b)fluoranthene	22.85	252	9861	0.064	ng	#	81
36) Benzo(k)fluoranthene	22.85	252	9861	0.065	ng	#	81
37) Benzo(a)pyrene	23.41	252	6413	0.047	ng	#	77
39) Benzo(g,h,i)perylene	26.41	276	6412	0.046	ng	#	87

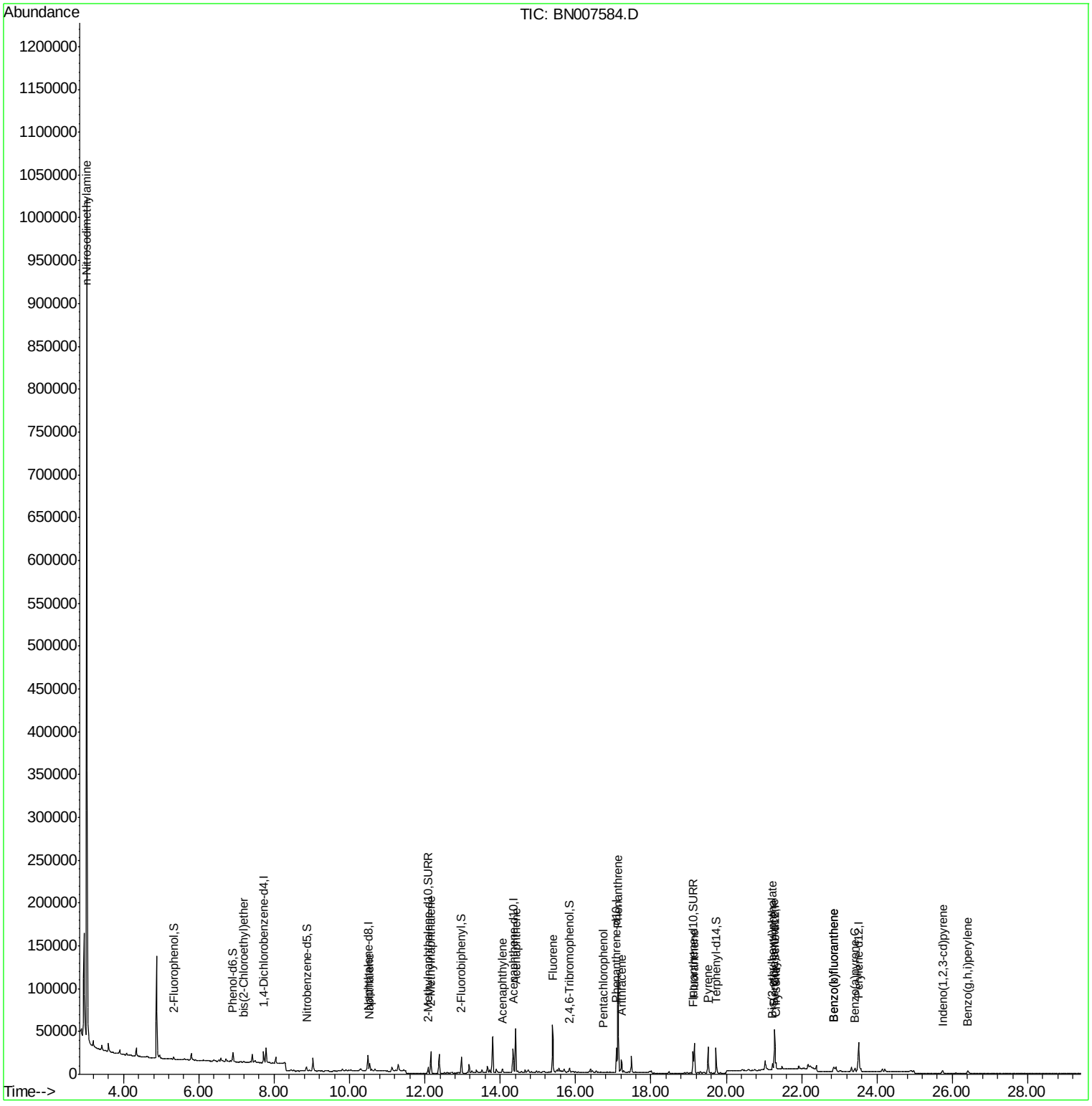
(#) = qualifier out of range (m) = manual integration (+) = signals summed

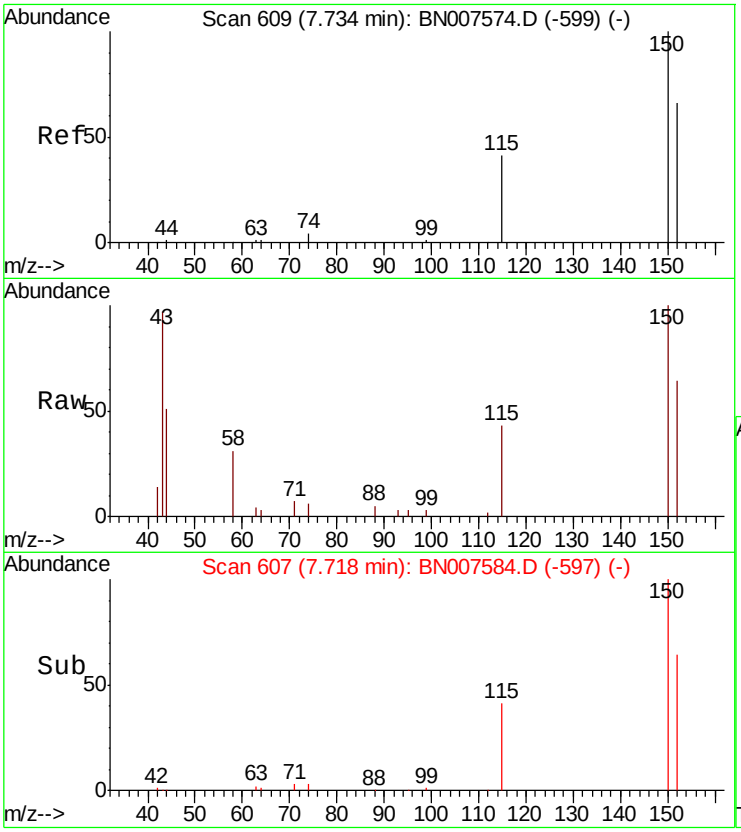
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007584.D
Acq On : 10 Sep 2019 20:47
Operator : HP/JU
Sample : K4781-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 10 21:19:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:53:18 2019
Response via : Initial Calibration



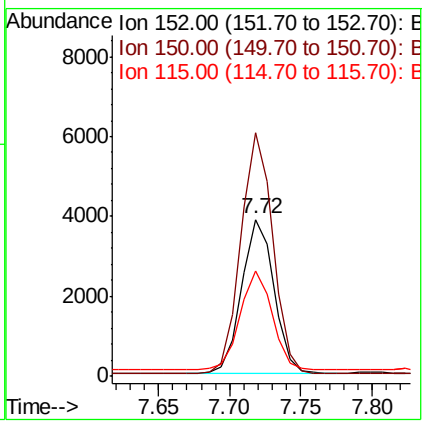


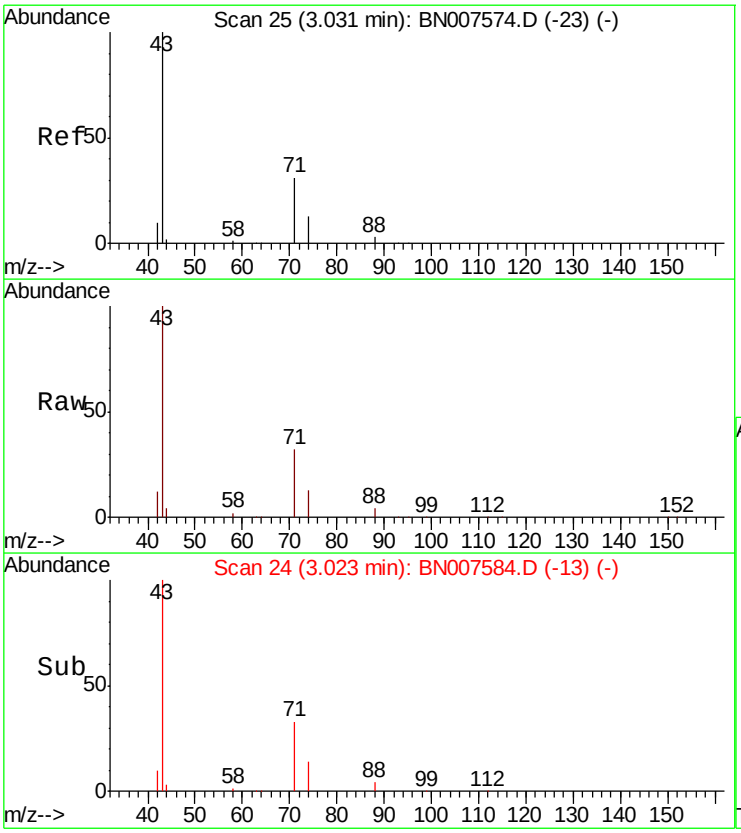
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.02 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6003

Ion	Ratio	Lower	Upper
152	100		
150	155.3	119.5	179.3
115	67.3	53.0	79.6

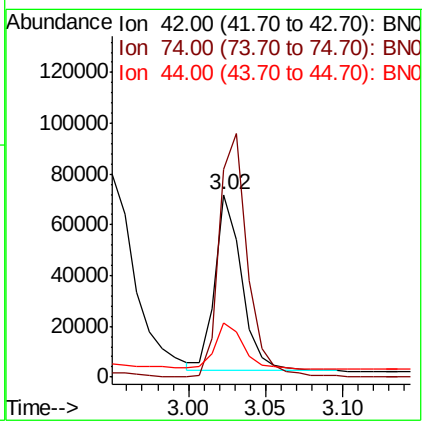


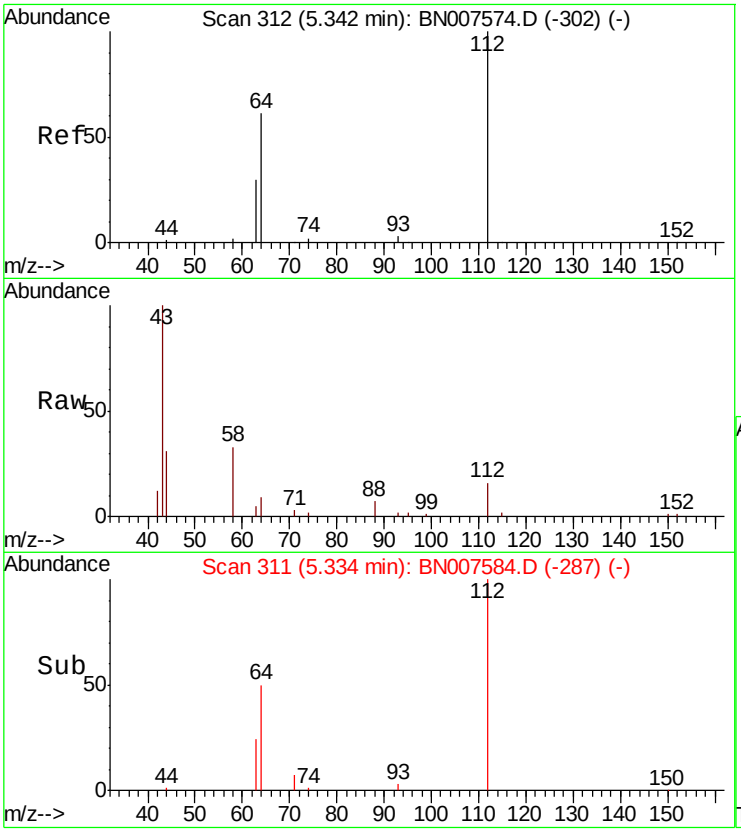


#3
n-Nitrosodimethylamine
Concen: 23.681 ng
RT: 3.02 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion: 42 Resp: 84921

Ion	Ratio	Lower	Upper
42	100		
74	142.4	0.0	0.0#
44	27.4	0.0	0.0#



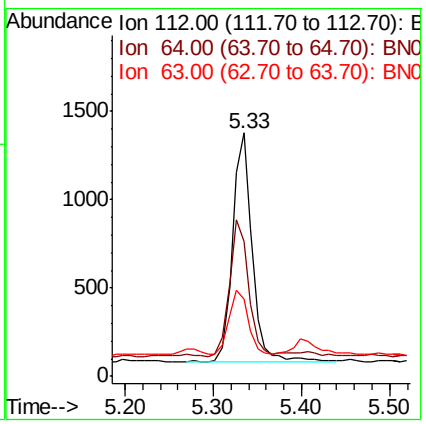


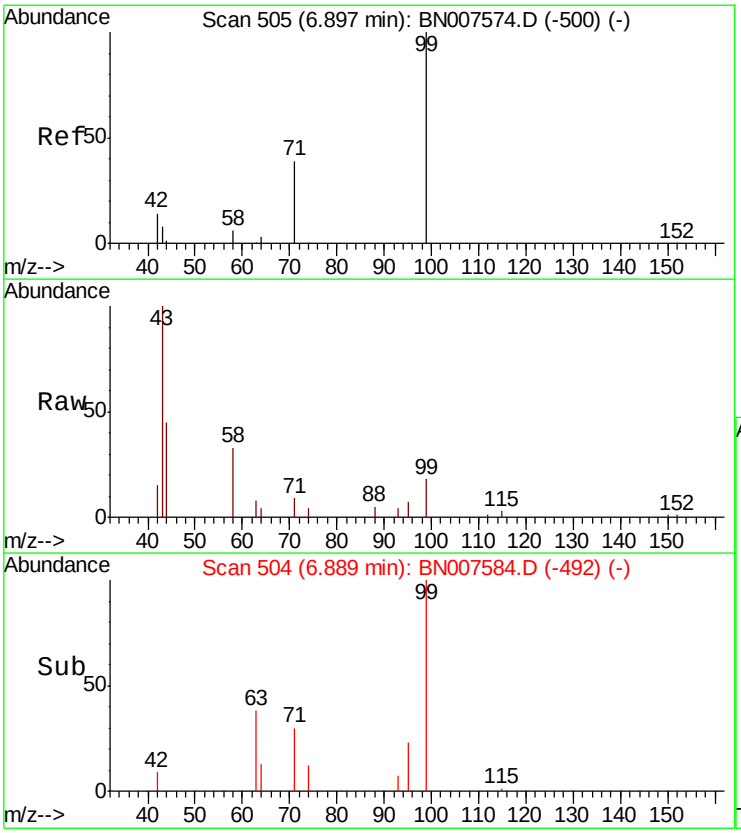
#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1996

Ion	Ratio	Lower	Upper
112	100		
64	58.0	49.2	73.8
63	27.9	26.0	39.0

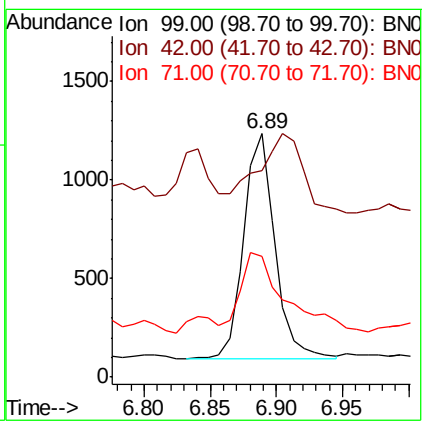


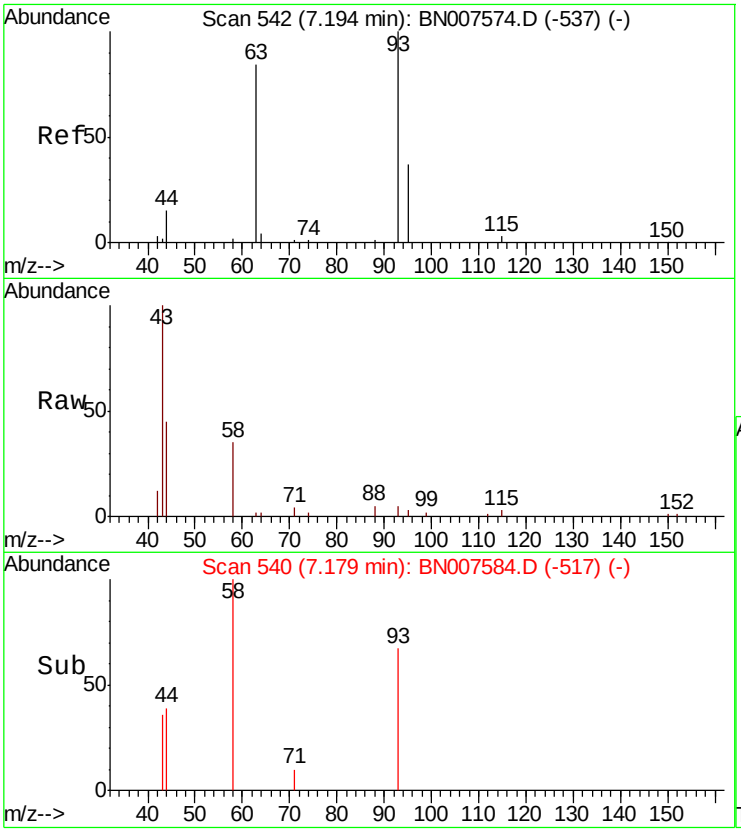


#5
Phenol-d6
Concen: 0.074 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion: 99 Resp: 1879

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.8	17.8#
71	52.5	28.8	43.2#



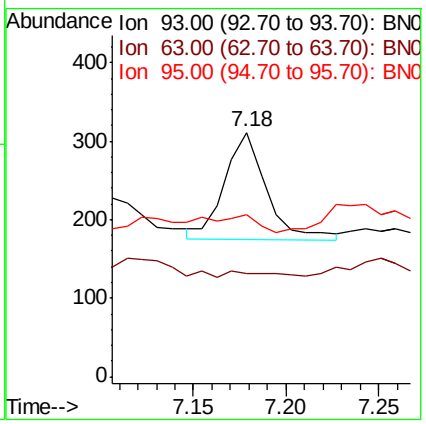


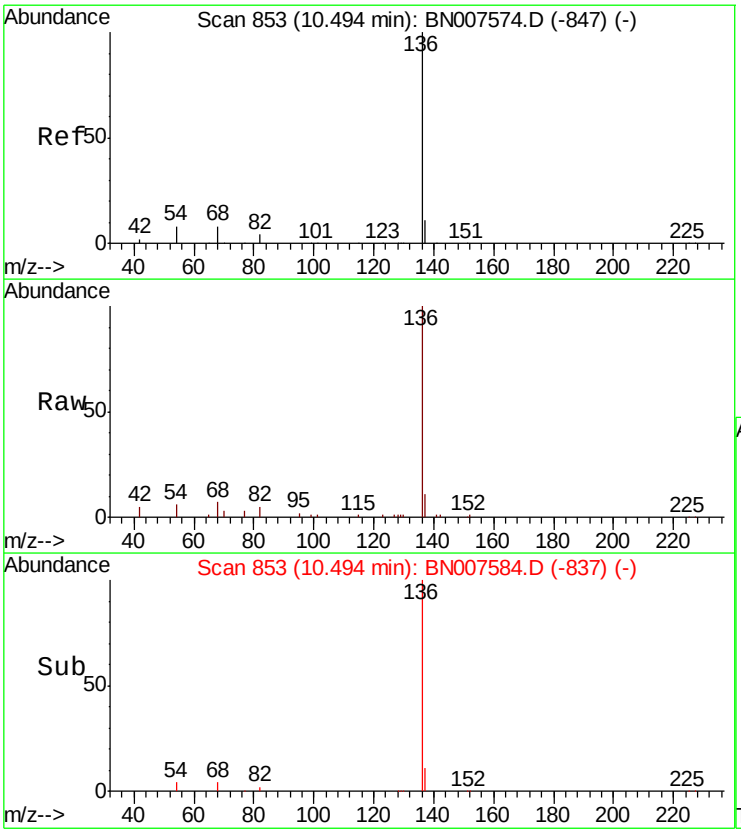
#6
bis(2-Chloroethyl)ether
Concen: 0.225 ng
RT: 7.18 min Scan# 540
Delta R.T. -0.02 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 214

Ion	Ratio	Lower	Upper
93	100		
63	7.0	69.8	104.6#
95	0.0	42.8	64.2#

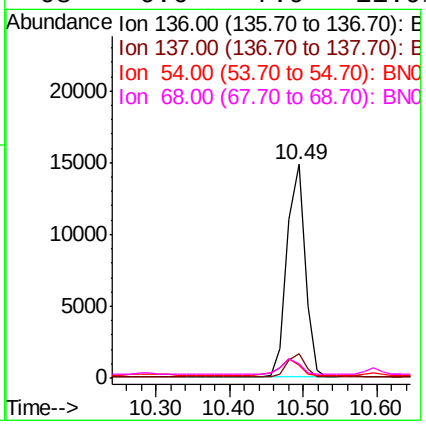


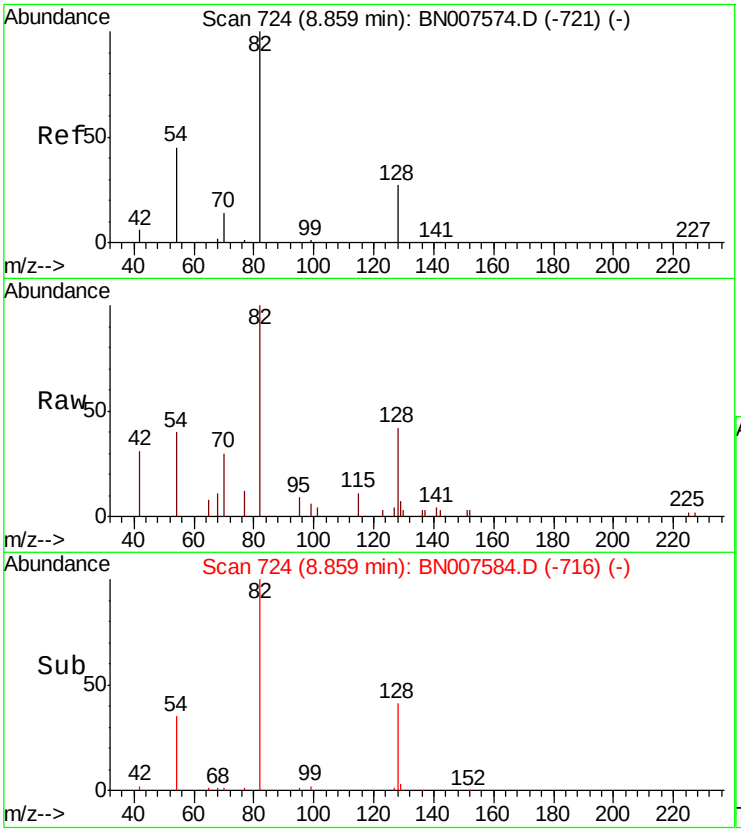


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:136 Resp: 25443

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	5.8	7.5	11.3#
68	6.6	7.9	11.9#



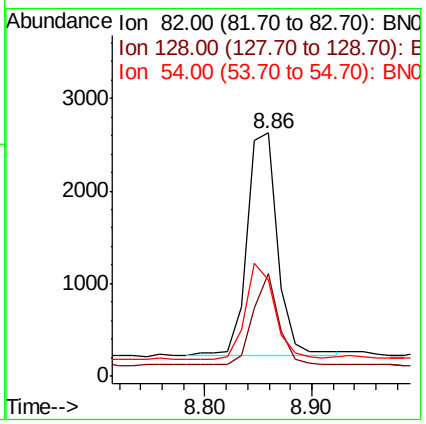


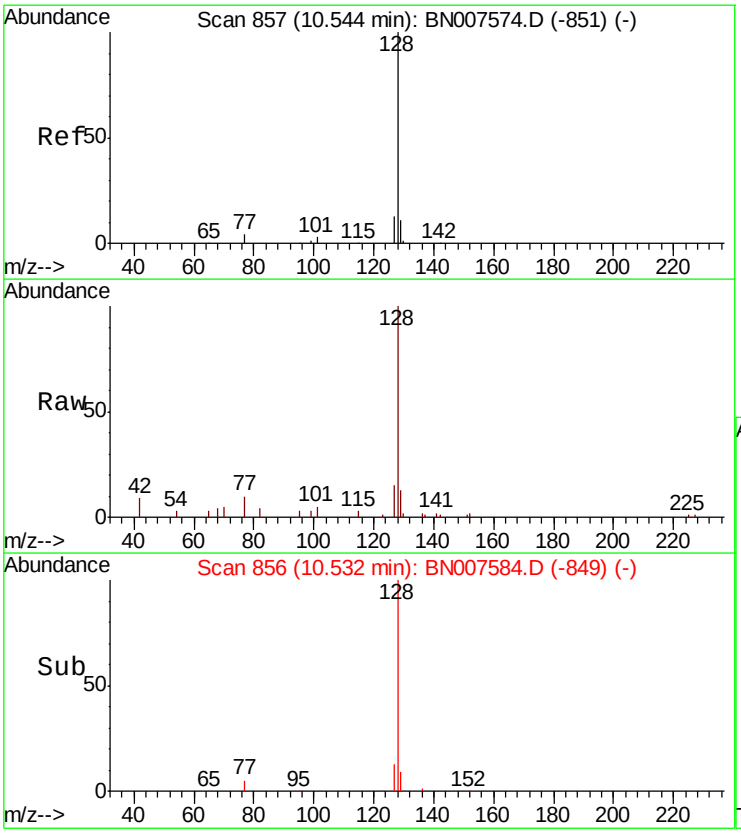
#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 4846

Ion	Ratio	Lower	Upper
82	100		
128	42.0	23.4	35.2#
54	39.8	38.2	57.2

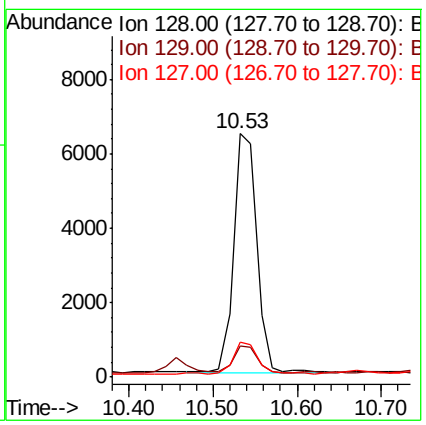


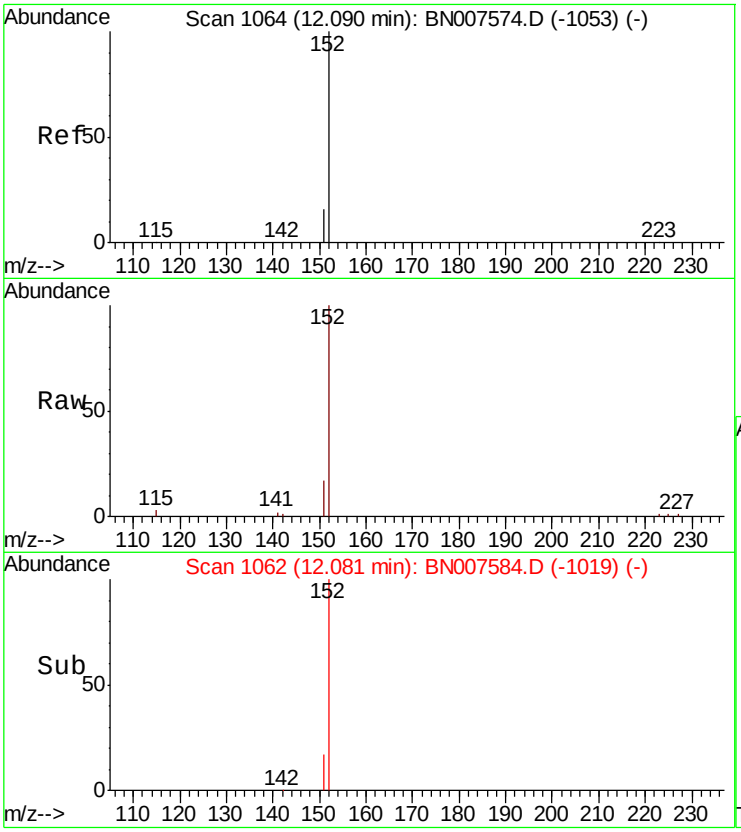


#9
Naphthalene
Concen: 0.171 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:128 Resp: 12232

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	14.5	11.0	16.4



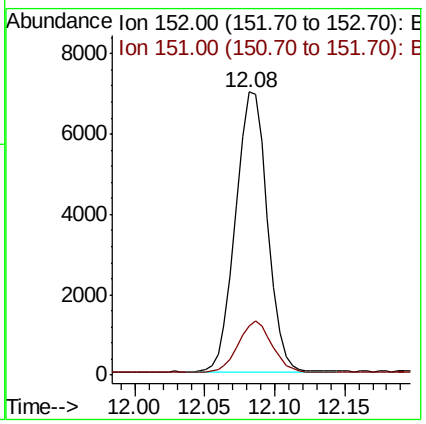


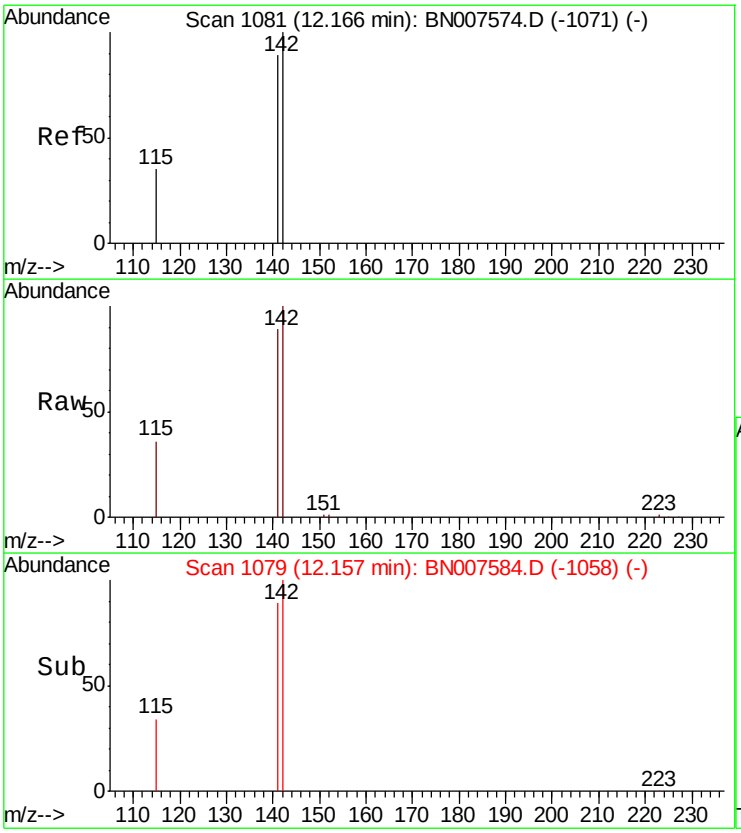
#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10982

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

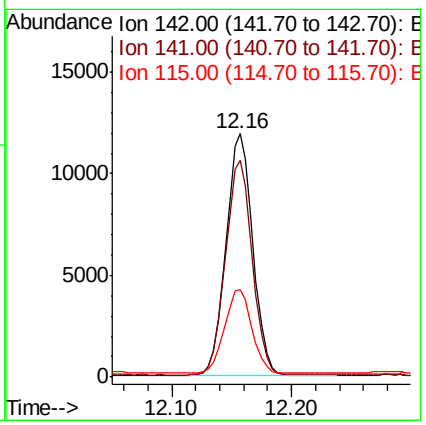


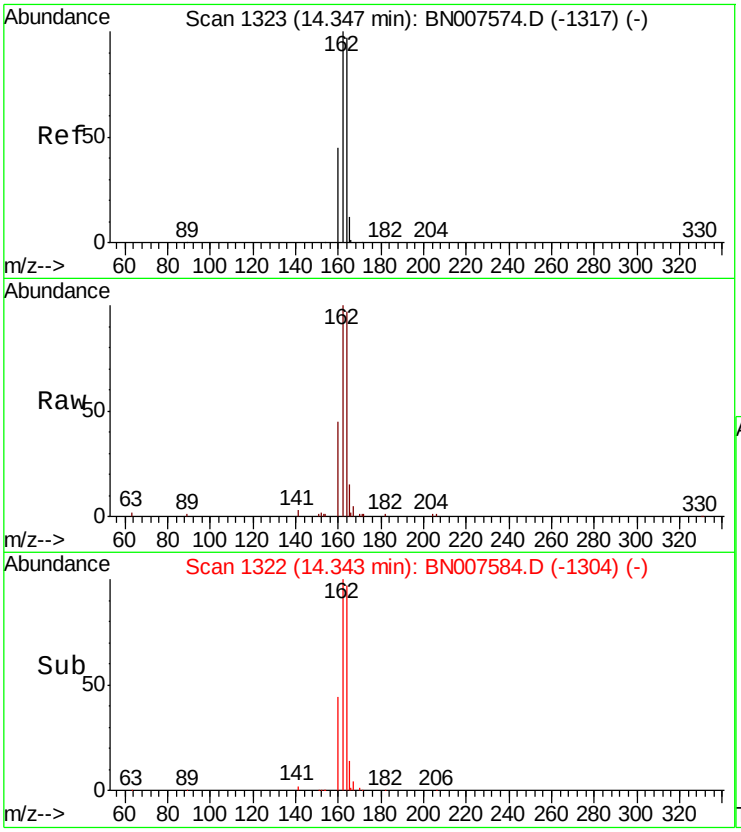


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:142 Resp: 18365

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	36.1	29.1	43.7



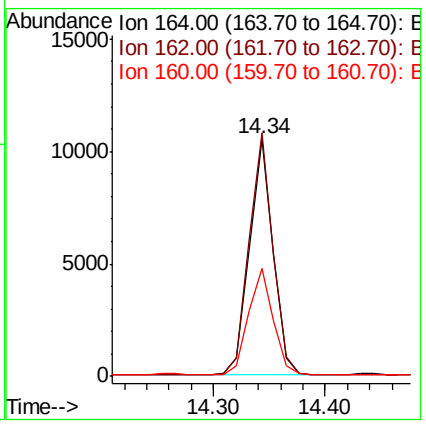


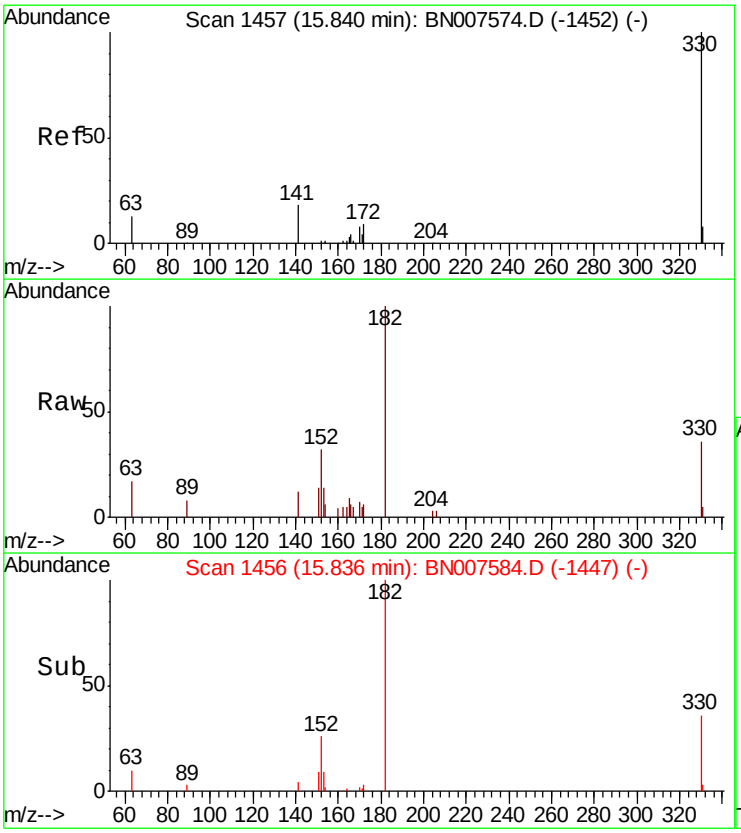
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15373

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	45.7	37.4	56.0

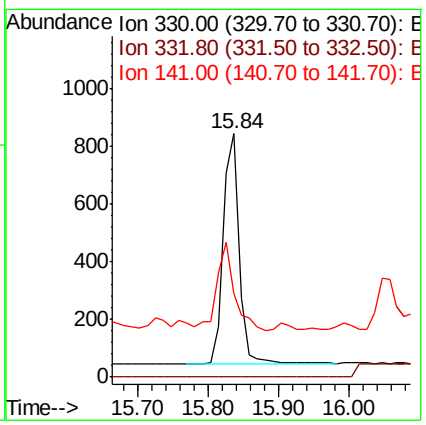


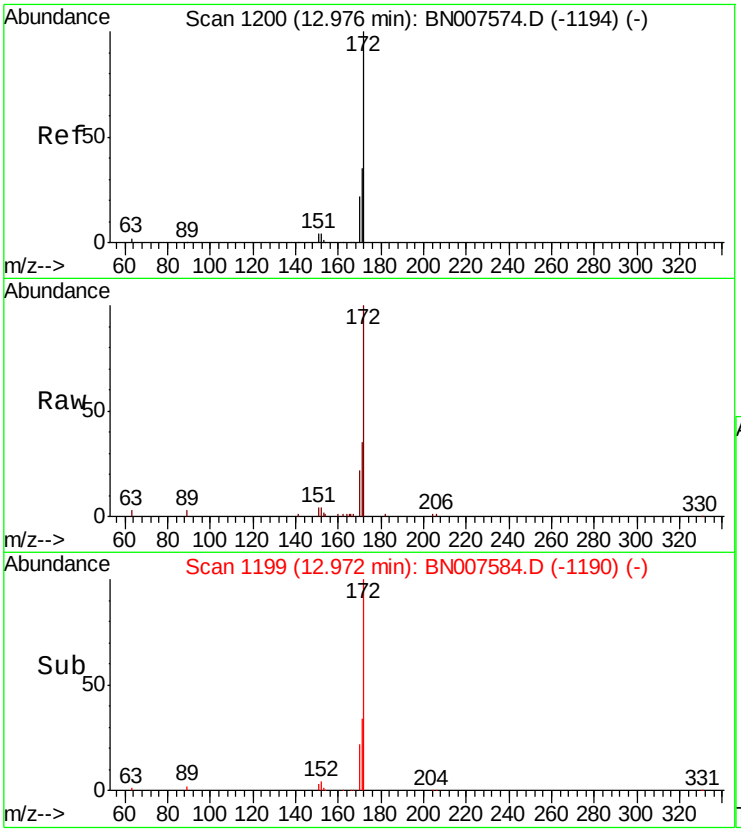


#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:330 Resp: 1292

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.4	30.6	45.8



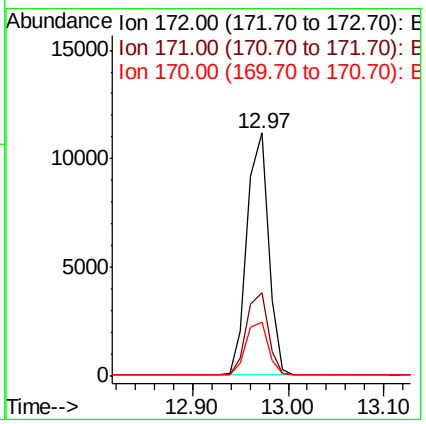


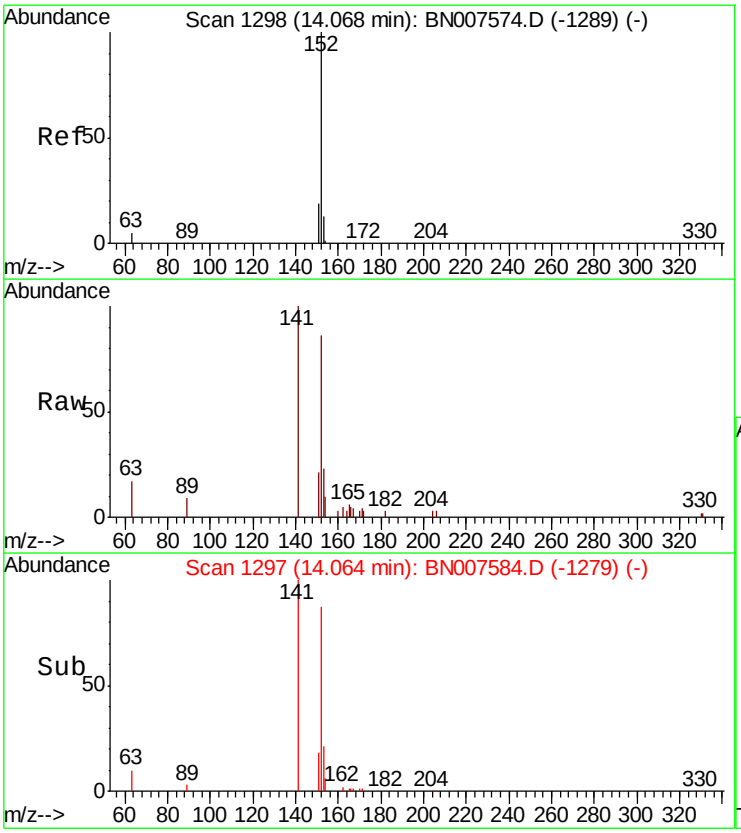
#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17474

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.3	18.3	27.5

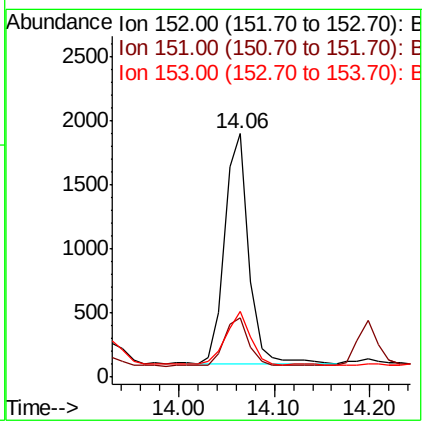


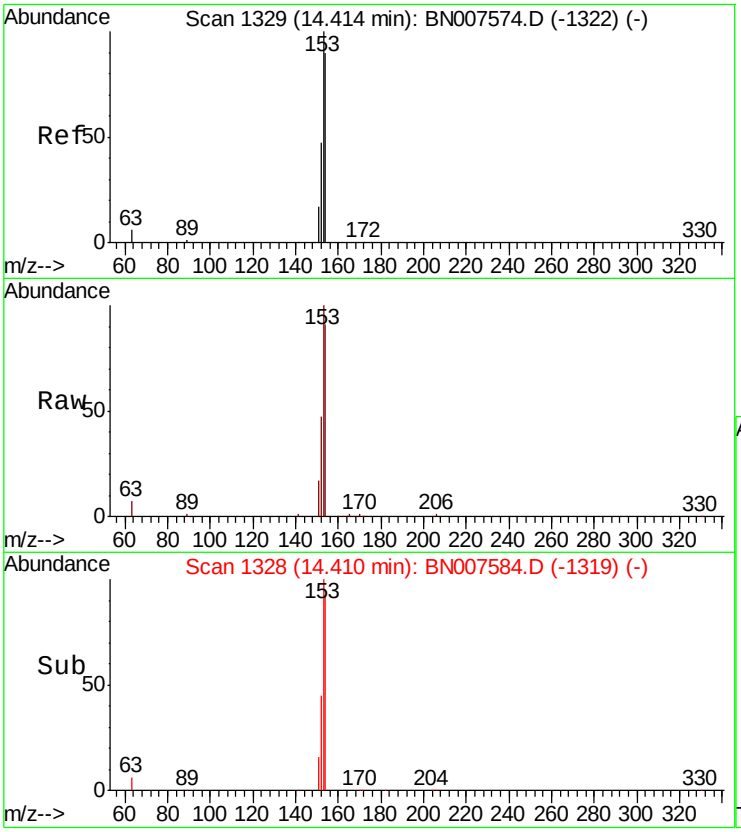


#16
Acenaphthylene
Concen: 0.038 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:152 Resp: 3118

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.8	23.6
153	24.1	10.4	15.6#



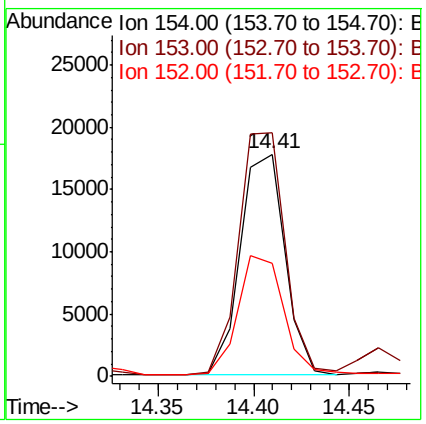


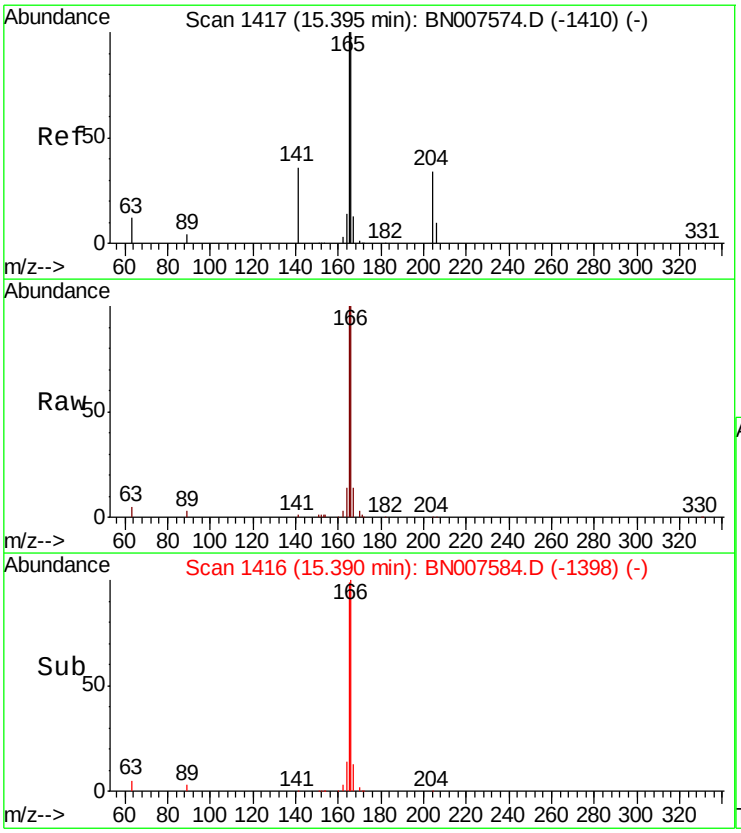
#17
Acenaphthene
Concen: 0.553 ng
RT: 14.41 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 28866

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.4	134.2
152	56.1	43.4	65.0

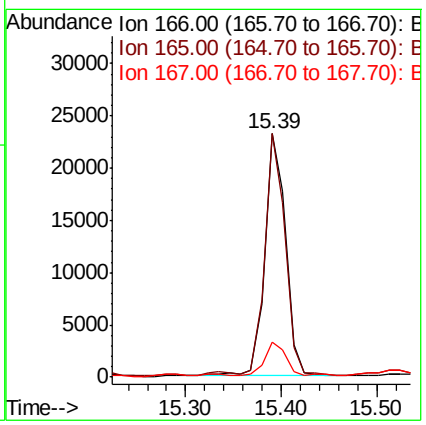


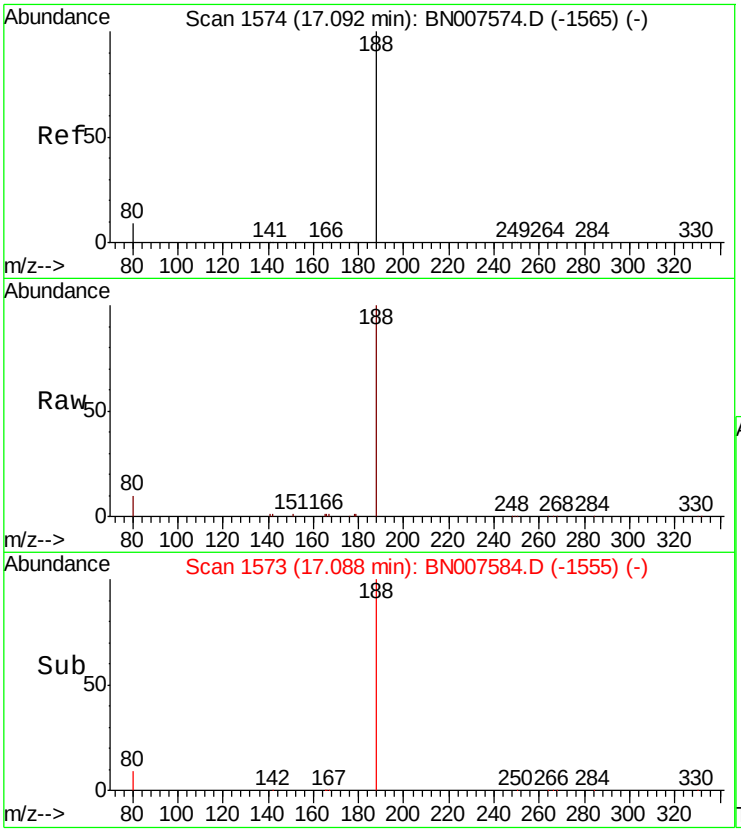


#18
Fluorene
Concen: 0.513 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:166 Resp: 35204

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.8	116.6
167	14.4	11.0	16.4



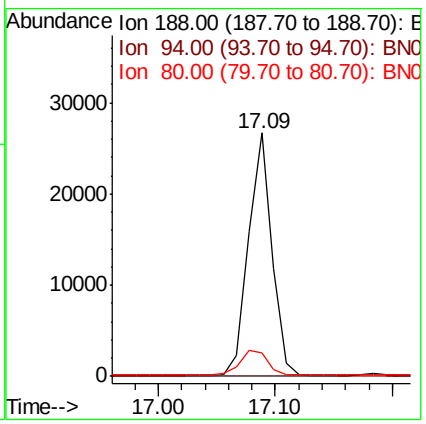


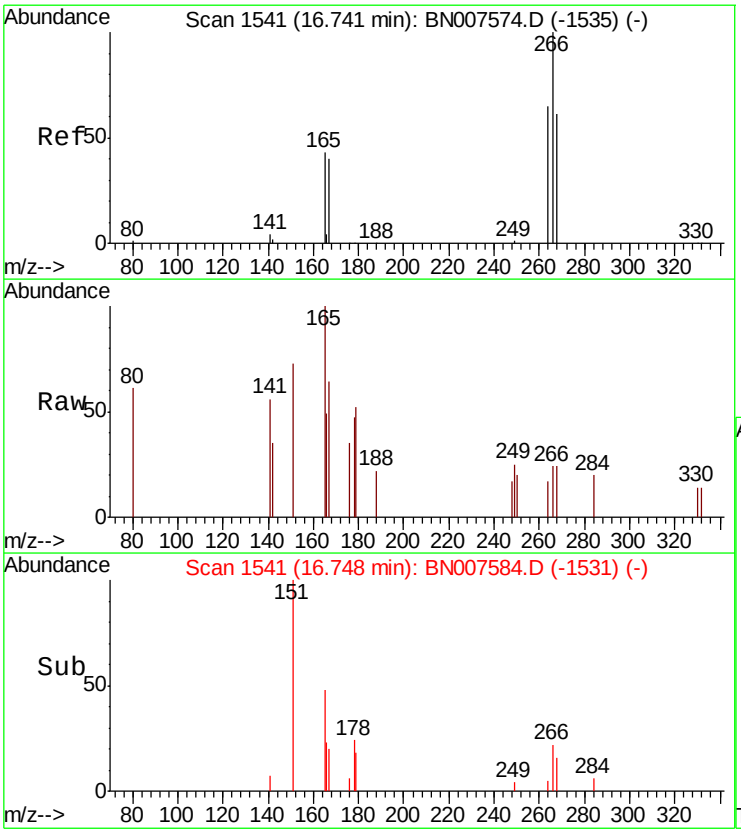
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 37063

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	8.1	12.1

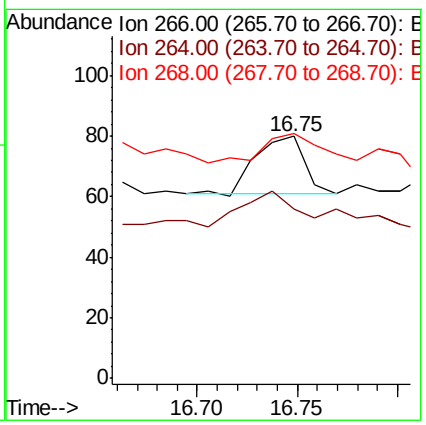


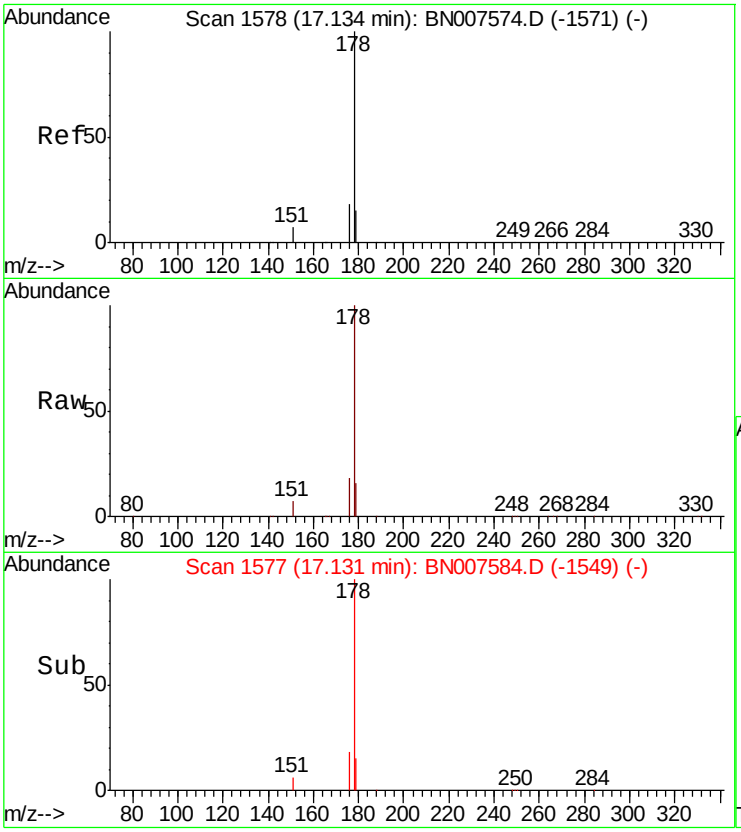


#22
Pentachlorophenol
Concen: 0.208 ng
RT: 16.75 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:266 Resp: 32

Ion	Ratio	Lower	Upper
266	100		
264	70.0	52.0	78.0
268	101.3	53.5	80.3#



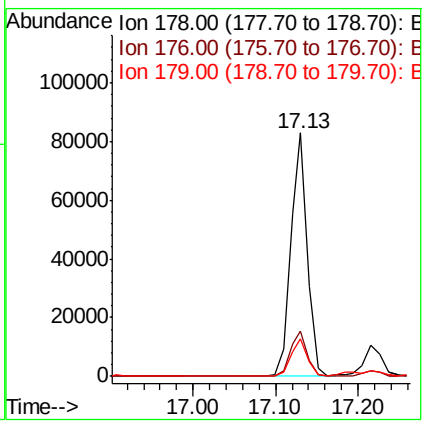


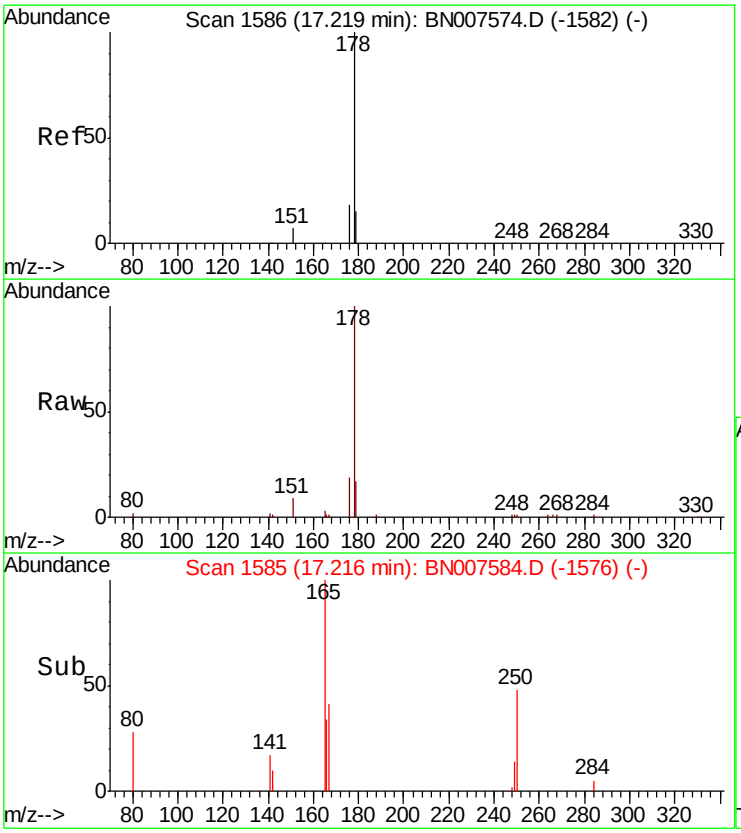
#23
Phenanthrene
Concen: 1.015 ng
RT: 17.13 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 116068

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.2	18.2

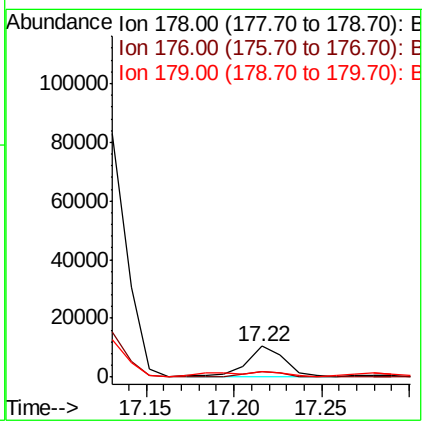


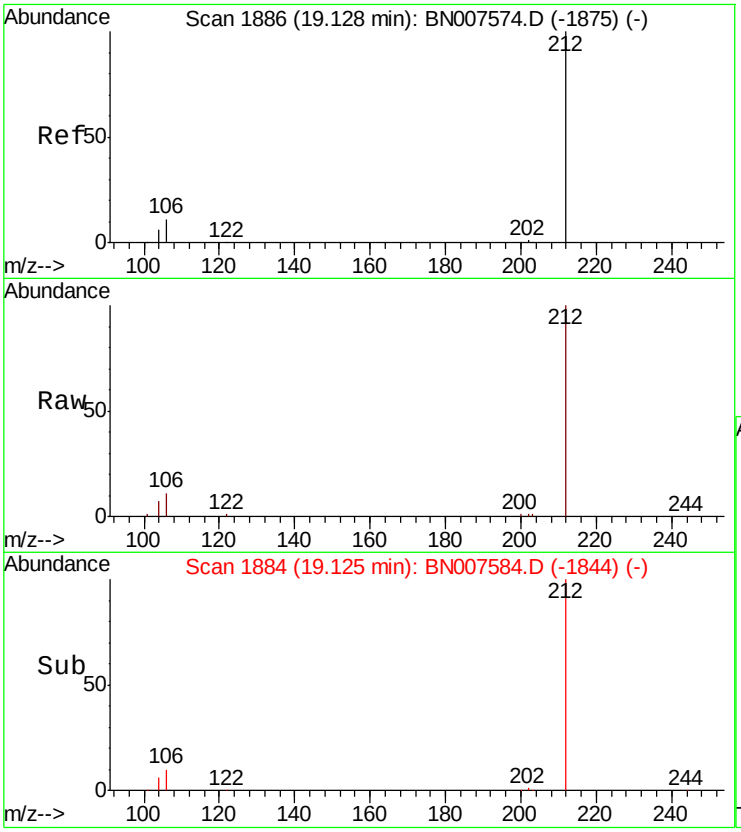


#24
Anthracene
Concen: 0.140 ng
RT: 17.22 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:178 Resp: 14756

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	0.0	12.5	18.7#



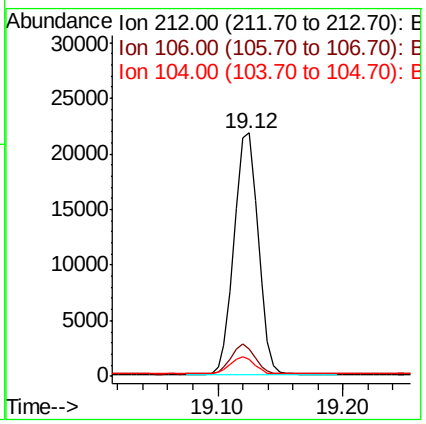


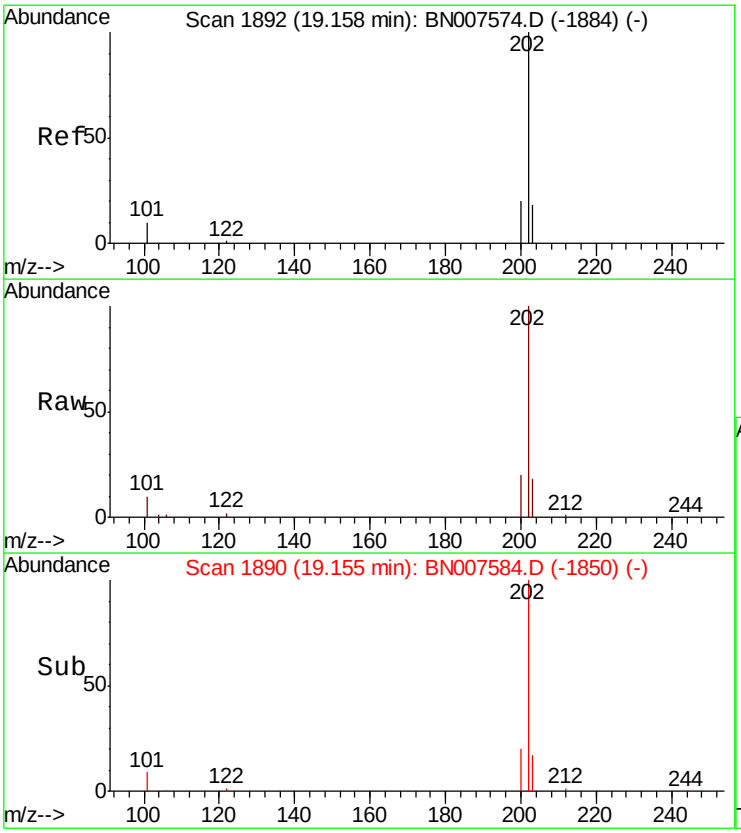
#25
Fluoranthene-d10
Concen: 0.242 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 29145

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.0	5.5	8.3

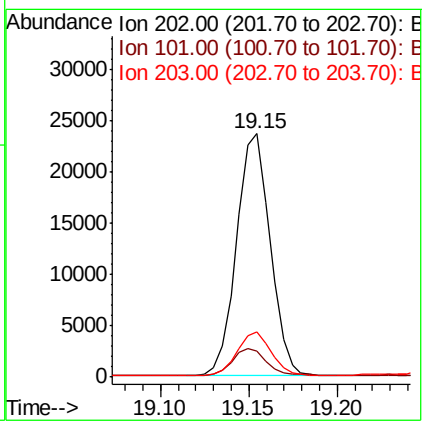


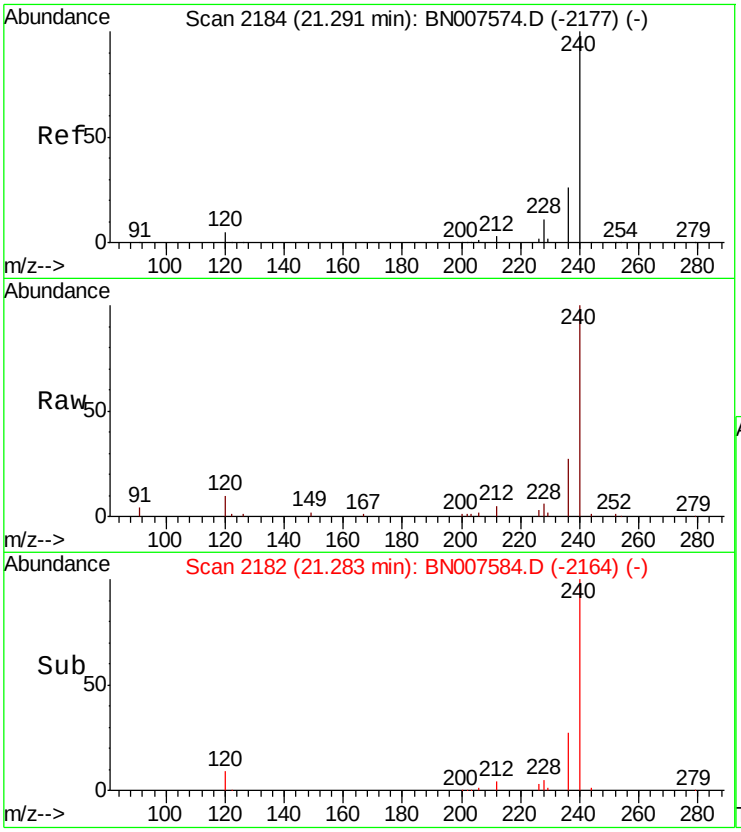


#26
Fluoranthene
Concen: 0.224 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:202 Resp: 31145

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
203	17.5	13.8	20.8



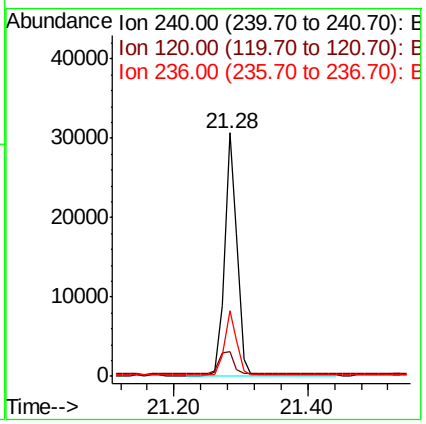


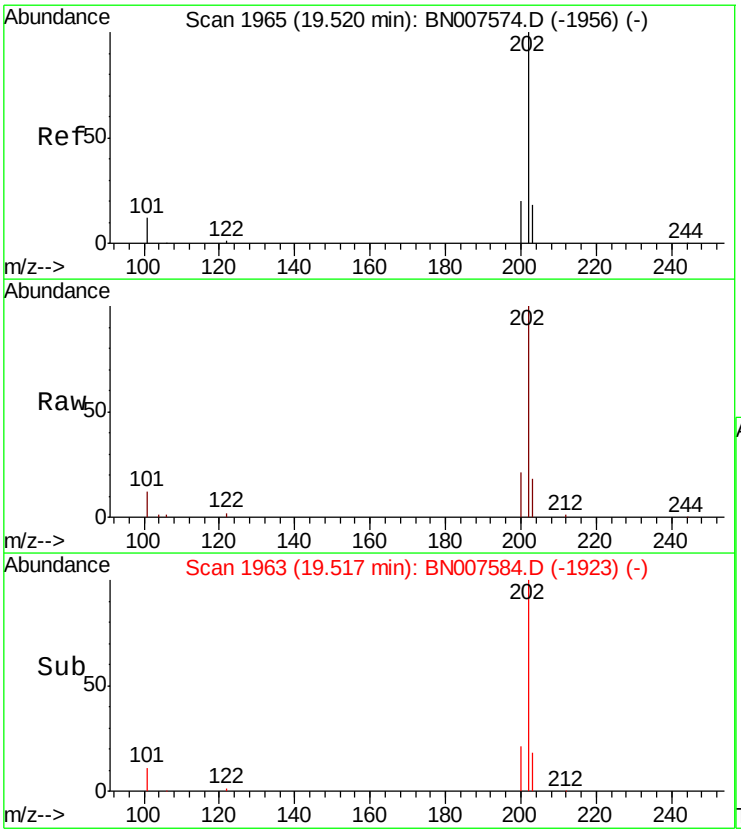
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 38790

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.0	7.4#
236	27.0	20.6	31.0

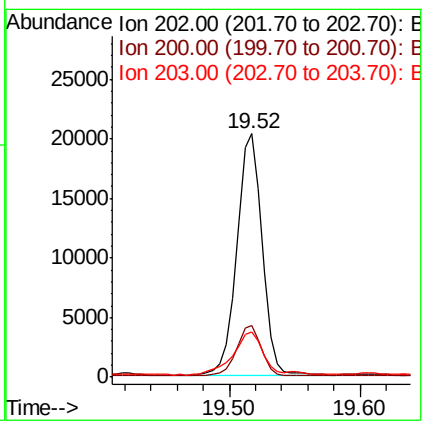


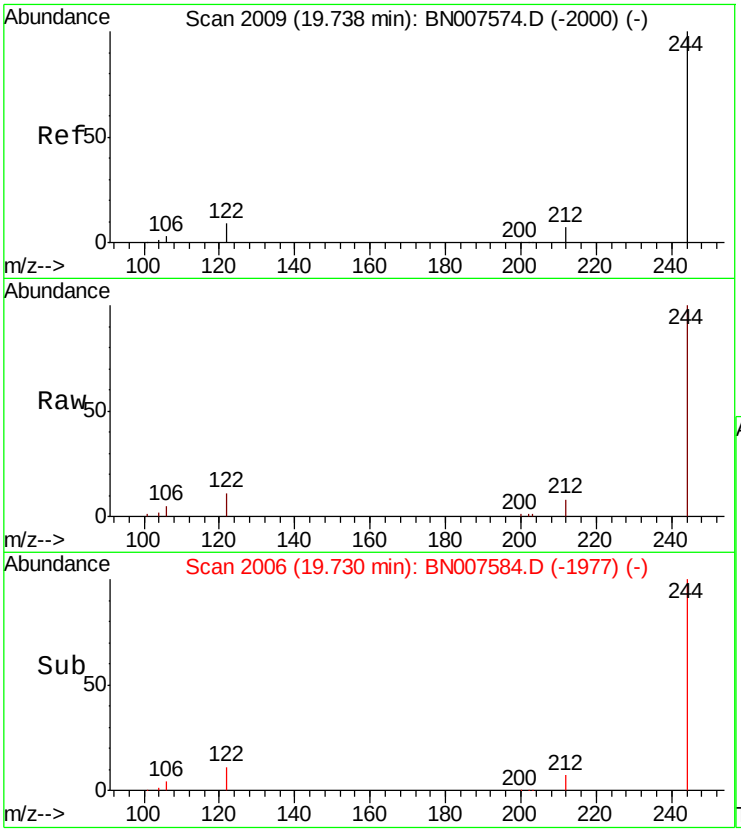


#28
Pyrene
Concen: 0.198 ng
RT: 19.52 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:202 Resp: 27656

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	21.5	14.1	21.1#



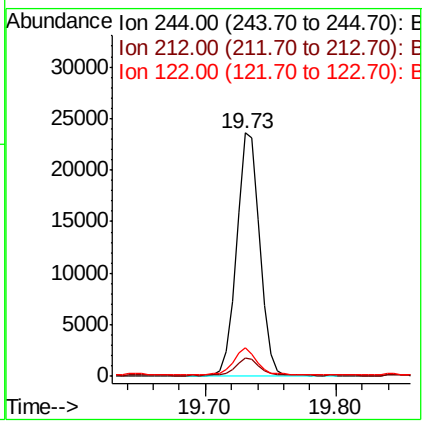


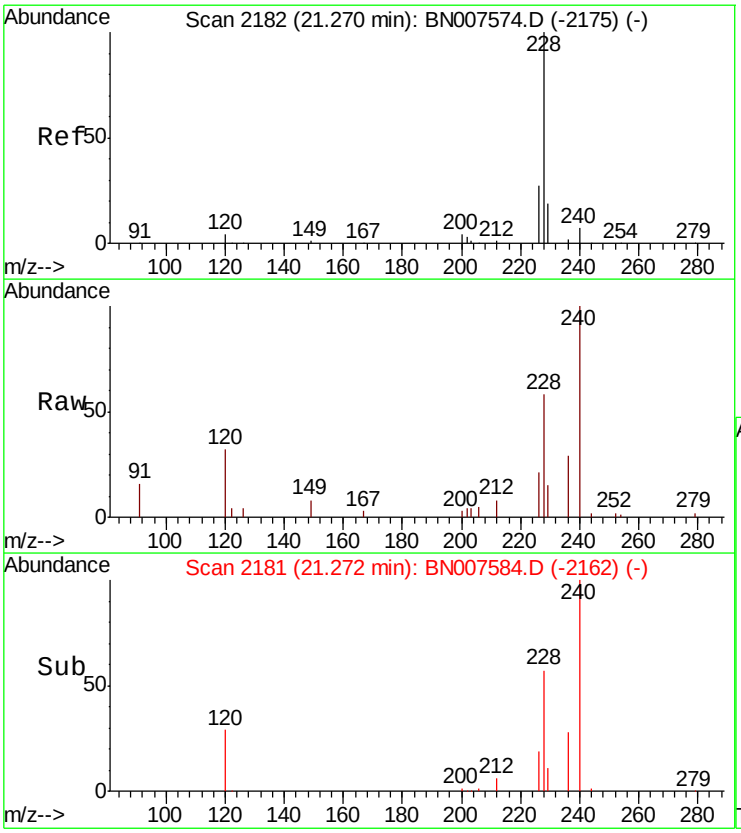
#29
Terphenyl-d14
Concen: 0.287 ng
RT: 19.73 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 28946

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	11.5	7.8	11.6

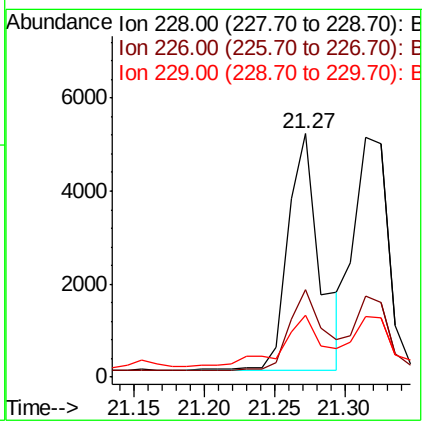


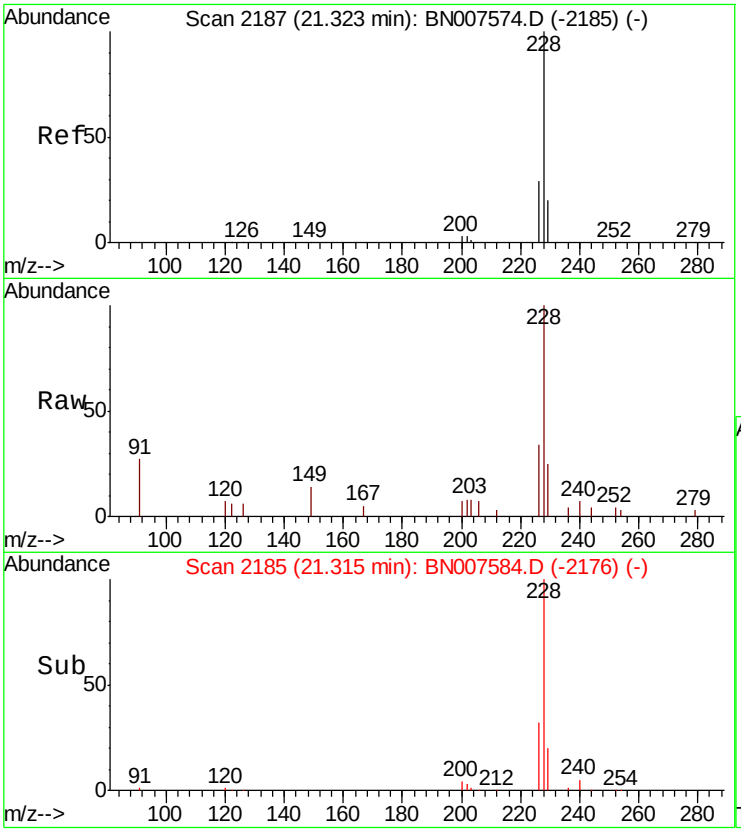


#30
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:228 Resp: 8107

Ion	Ratio	Lower	Upper
228	100		
226	35.7	21.6	32.4#
229	25.2	15.7	23.5#



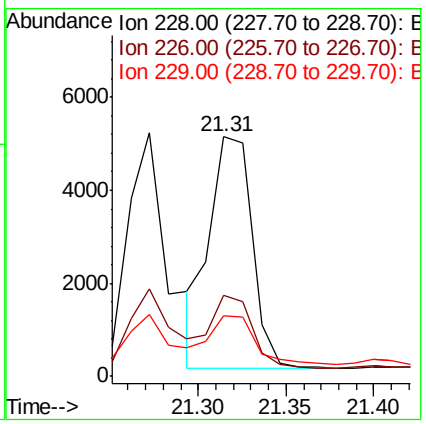


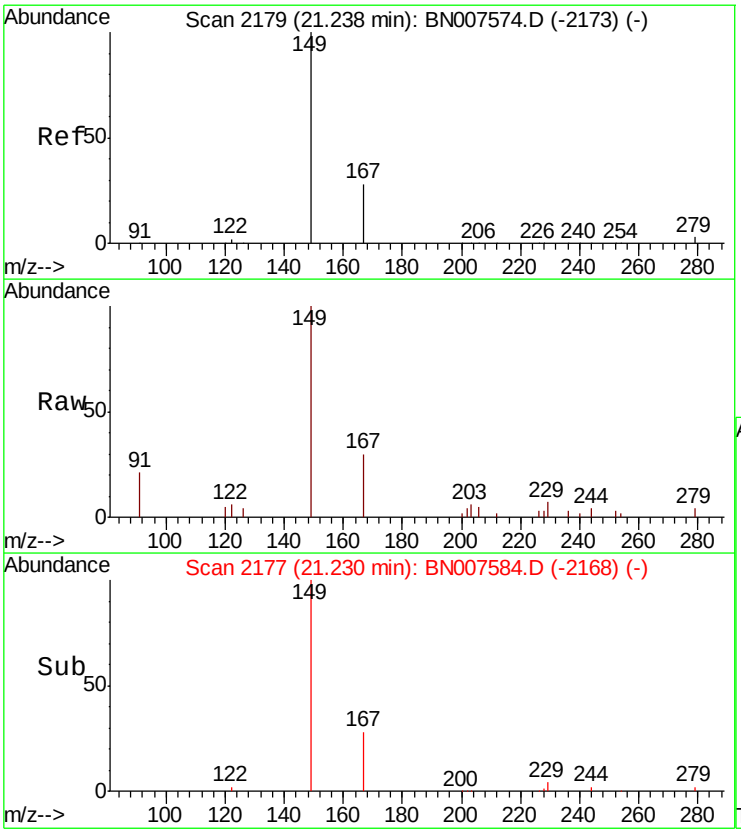
#31
Chrysene
Concen: 0.060 ng
RT: 21.31 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8418

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.2
229	25.2	15.7	23.5#

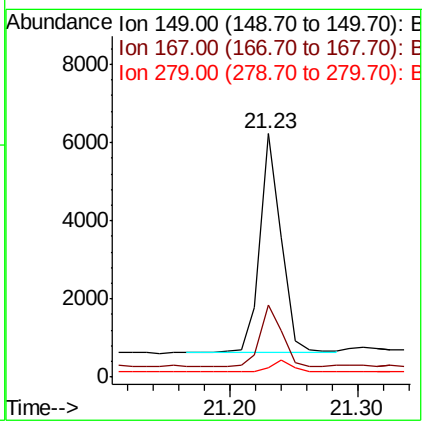


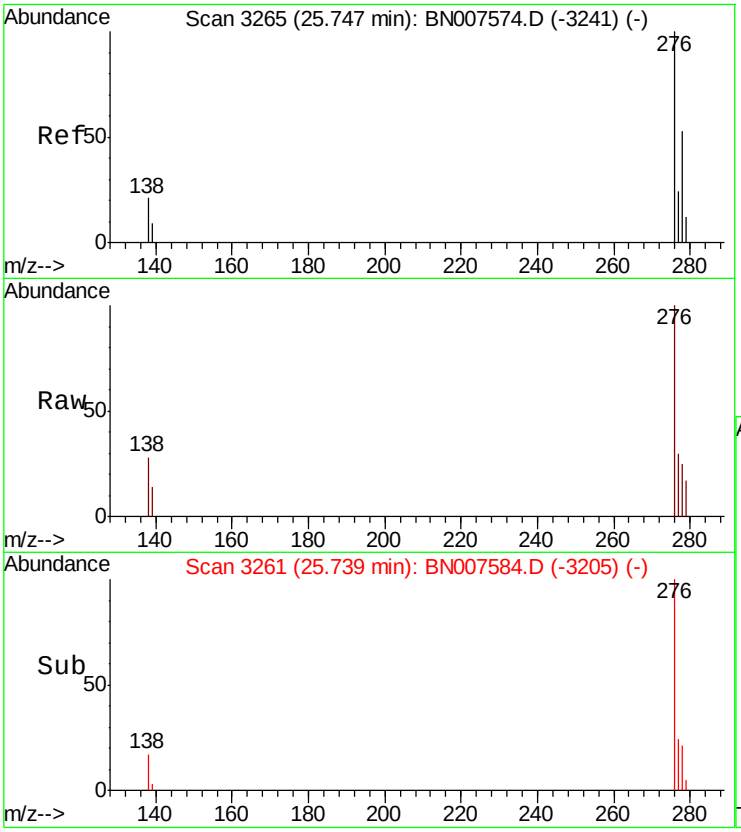


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:149 Resp: 6585

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.1	33.1
279	5.7	3.9	5.9



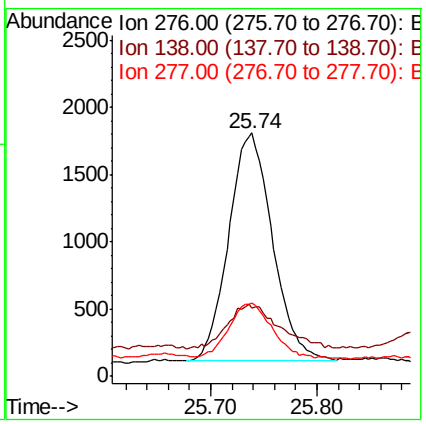


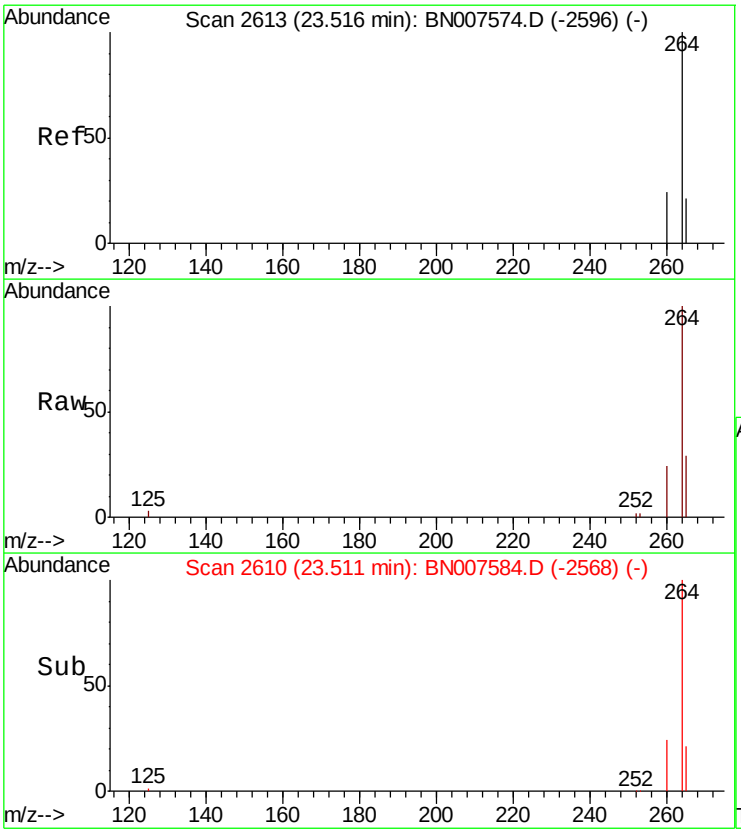
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.74 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4835

Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
277	25.2	0.0	0.0#

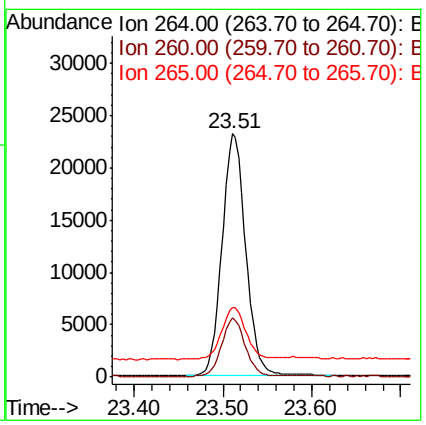


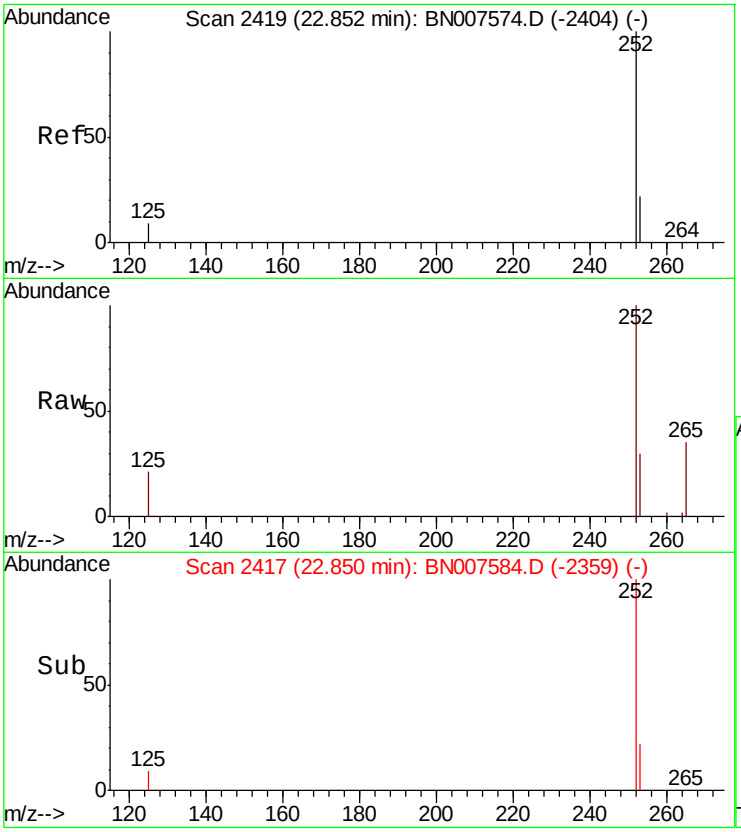


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:264 Resp: 43065

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	28.7	25.6	38.4



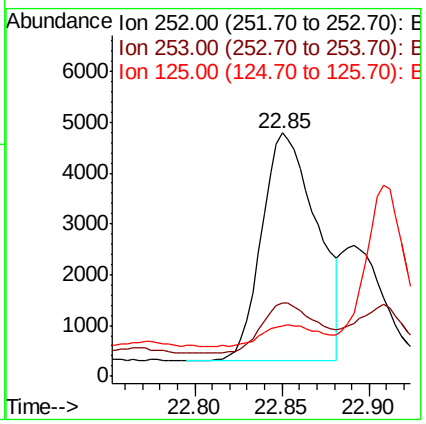


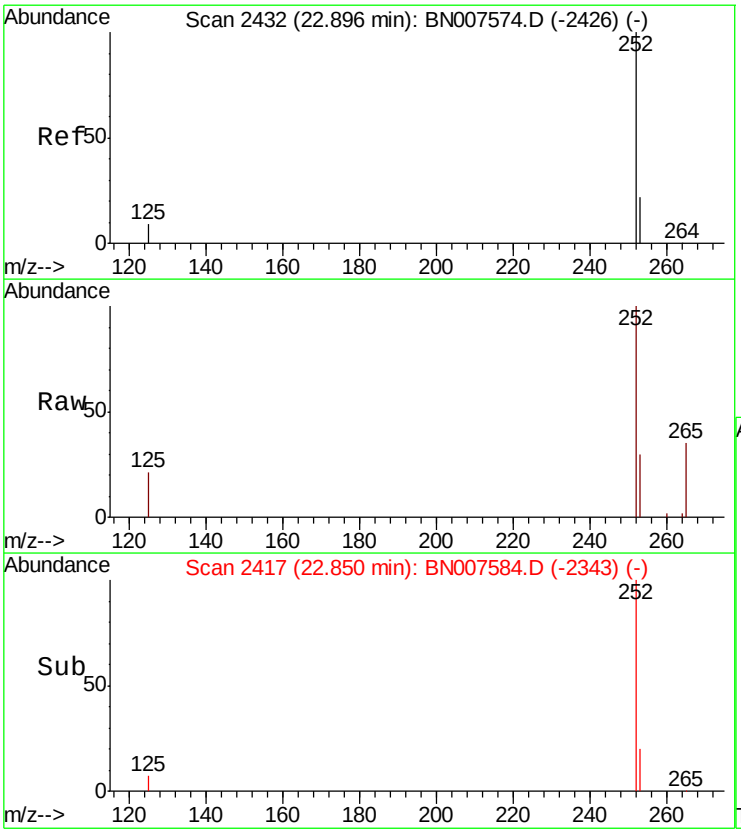
#35
Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 22.85 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9861

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.5	27.7#
125	20.8	8.2	12.2#

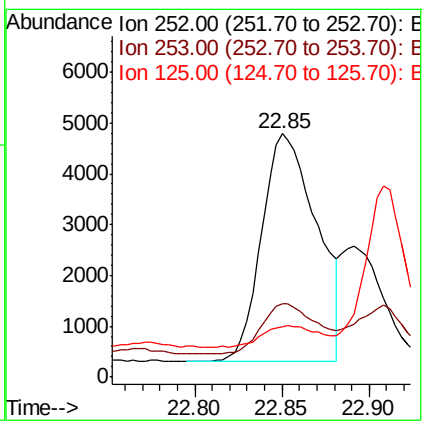


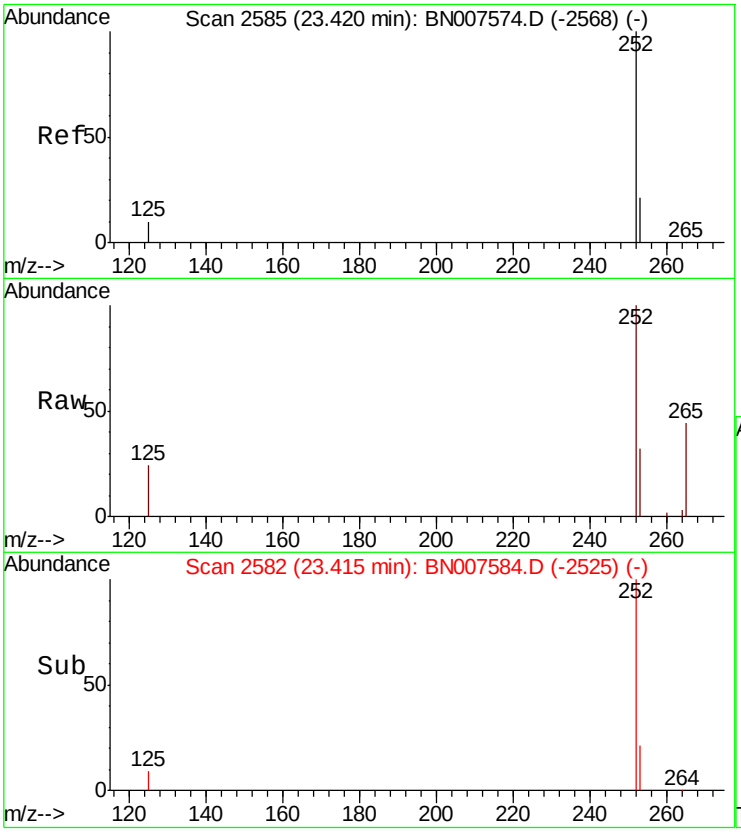


#36
Benzo(k)fluoranthene
Concen: 0.065 ng
RT: 22.85 min Scan# 2417
Delta R.T. -0.05 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:252 Resp: 9861

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.4	27.6#
125	20.8	8.2	12.2#



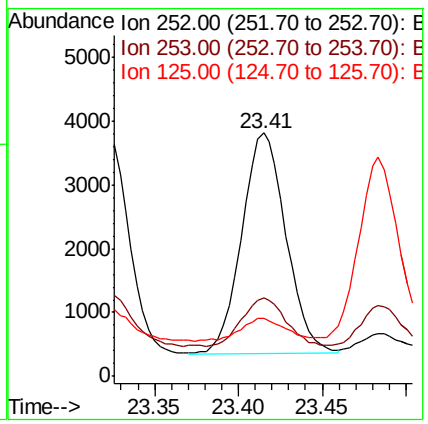


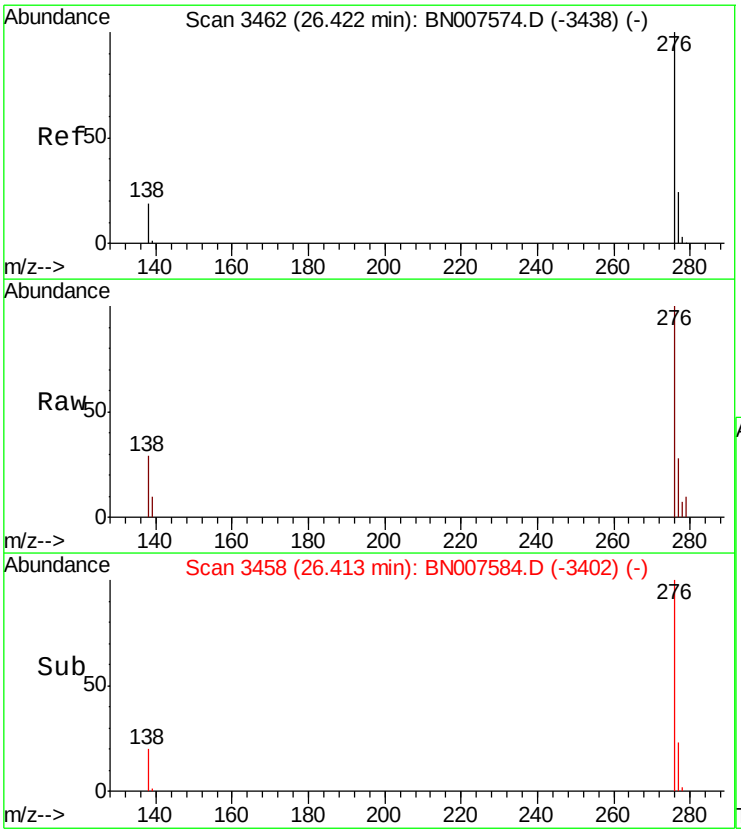
#37
Benzo(a)pyrene
Concen: 0.047 ng
RT: 23.41 min Scan# 2582
Delta R.T. -0.00 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6413

Ion	Ratio	Lower	Upper
252	100		
253	32.5	18.6	28.0#
125	23.8	9.2	13.8#





#39
Benzo(g,h,i)perylene
Concen: 0.046 ng
RT: 26.41 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BN007584.D
Acq: 10 Sep 2019 20:47

Tgt Ion:276 Resp: 6412

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.7	29.5
138	29.3	15.9	23.9#