Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008035.D
Acq On : 05 Oct 2019 20:38
Operator : JU
Sample : K5078-09RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-024-SW073-092519

Quant Time: Oct 07 00:16:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4367	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	17447	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	11036	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	22434	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	23391	0.40	ng		-0.02
34) Perylene-d12	23.46	264	26302	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	3437	0.23	ng		0.00
5) Phenol-d6	6.87	99	4294	0.23	ng		0.00
8) Nitrobenzene-d5	8.82	82	4134	0.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7943	0.27	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1622	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	10558	0.23	ng		-0.02
25) Fluoranthene-d10	19.09	212	19577	0.26	ng		-0.02
29) Terphenyl-d14	19.69	244	15791	0.27	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.97	42	7389	3.314	ng		82
6) bis(2-Chloroethyl)ether	7.12	93	720	0.058	ng	#	28
9) Naphthalene	10.49	128	2570	0.052	ng	#	81
12) 2-Methylnaphthalene	12.11	142	1844	0.056	ng	#	88
16) Acenaphthylene	14.02	152	36319	0.621	ng		99
17) Acenaphthene	14.37	154	3408	0.090	ng		99
18) Fluorene	15.36	166	8009	0.166	ng	#	88
22) Pentachlorophenol	16.72	266	151	0.028	ng	#	80
23) Phenanthrene	17.09	178	153606	2.198	ng		100
24) Anthracene	17.19	178	39723	0.629	ng	#	96
26) Fluoranthene	19.12	202	383006	4.407	ng		99
28) Pyrene	19.48	202	350728	4.396	ng	#	96
30) Benzo(a)anthracene	21.24	228	215167	2.498	ng		93
31) Chrysene	21.28	228	215333	2.565	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	37146	0.838	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	194824	1.854	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	341241	3.737	ng		96
36) Benzo(k)fluoranthene	22.81	252	341241	3.779	ng		96
37) Benzo(a)pyrene	23.37	252	216601	2.524	ng		98
38) Dibenzo(a,h)anthracene	25.68	278	47984	0.547	ng	#	80
39) Benzo(g,h,i)perylene	26.36	276	205789	2.369	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
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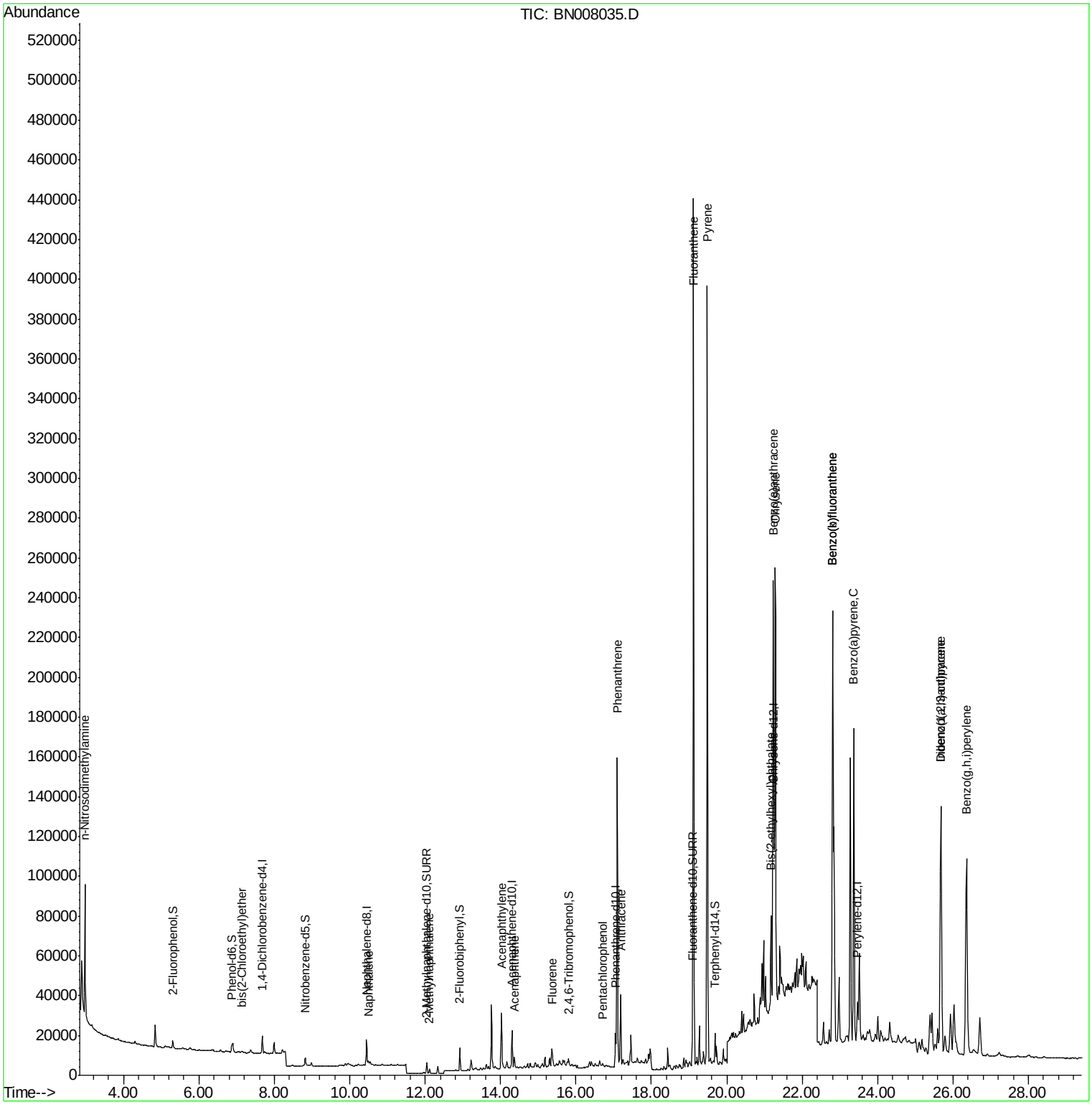
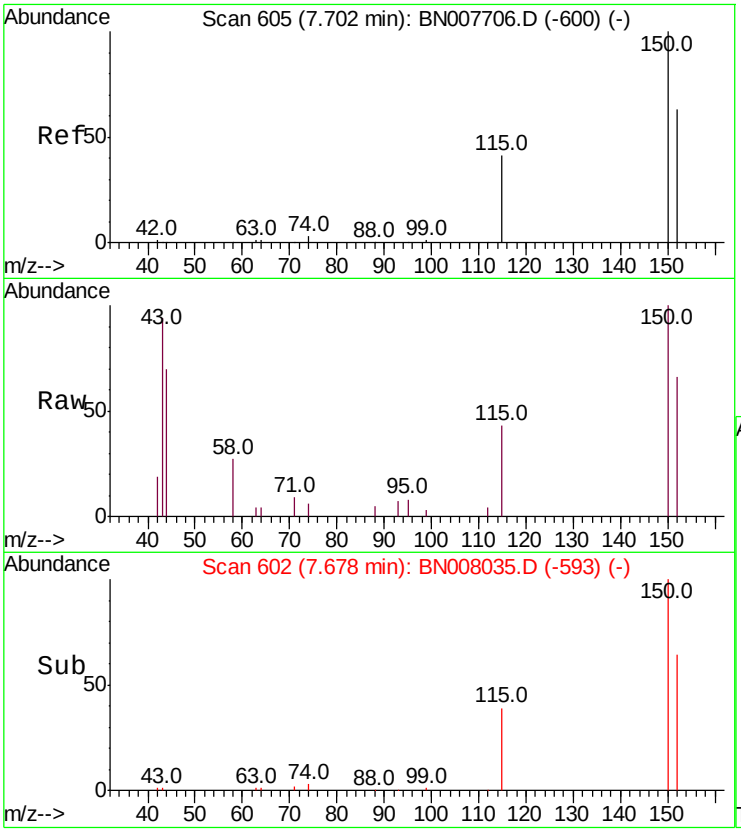
Acq On : 05 Oct 2019 20:38
Operator : JU
Sample : K5078-09RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Quant Time: Oct 07 00:16:12 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



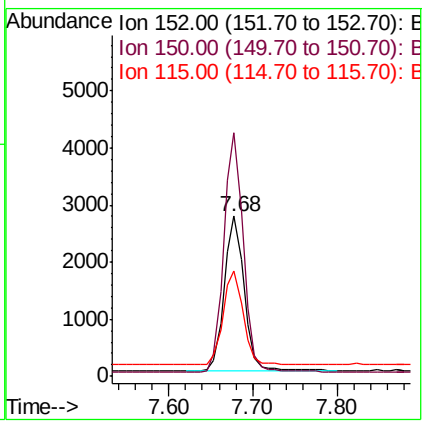


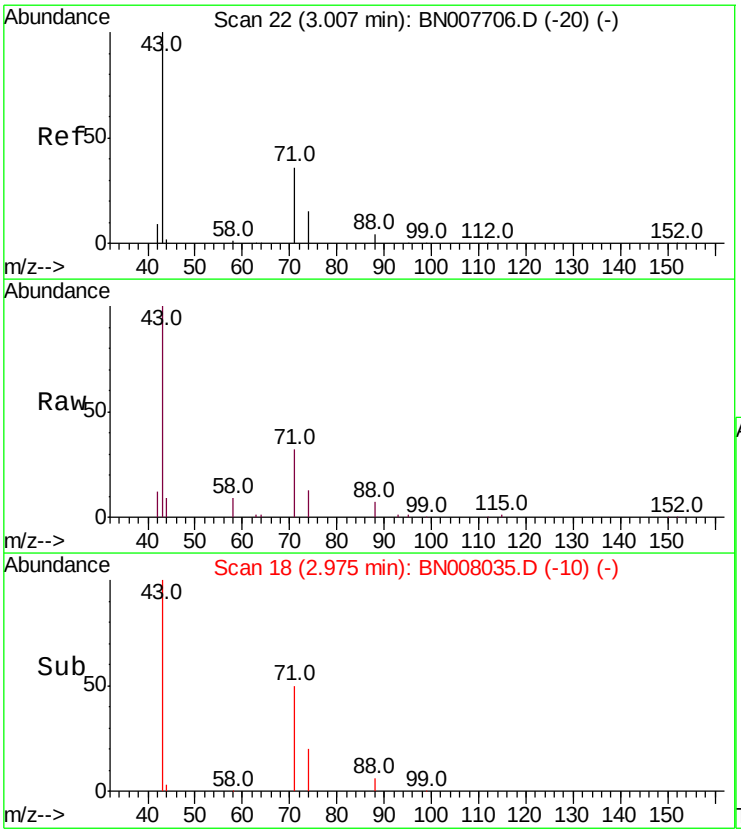
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:152 Resp: 4367

Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.6	188.4
115	65.9	53.3	79.9

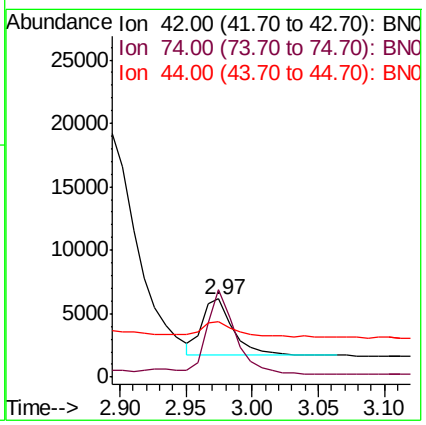


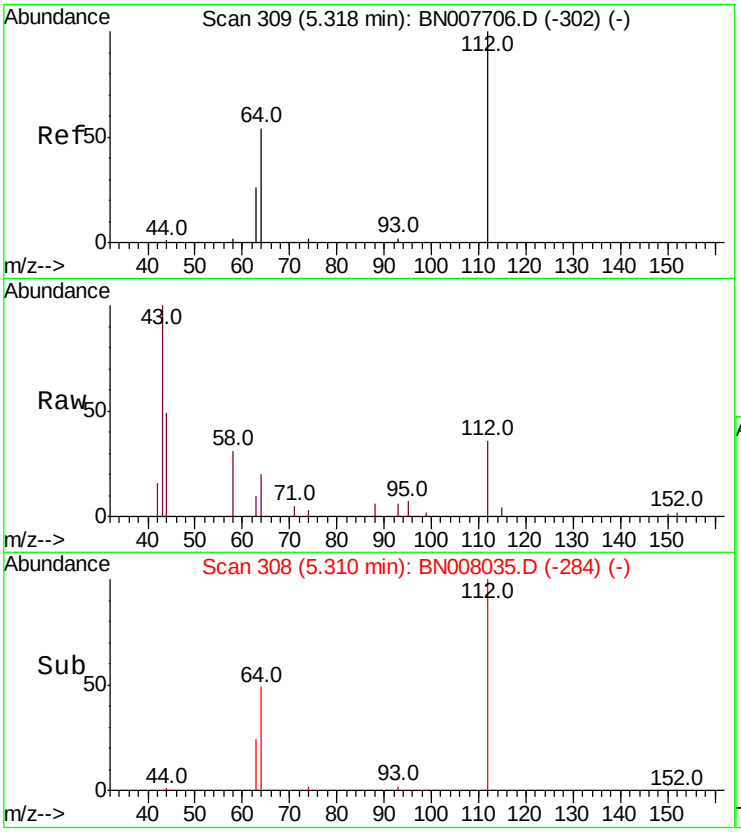


#3
n-Nitrosodimethylamine
Concen: 3.314 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion: 42 Resp: 7389

Ion	Ratio	Lower	Upper
42	100		
74	131.0	87.9	131.9
44	29.4	29.4	44.0



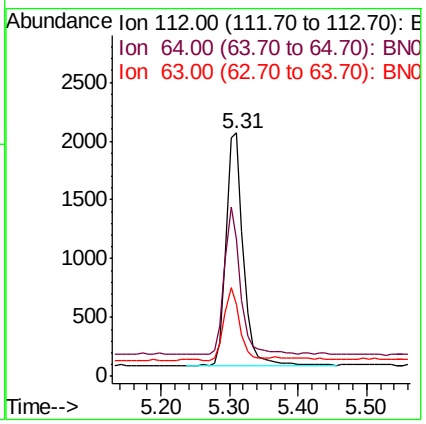


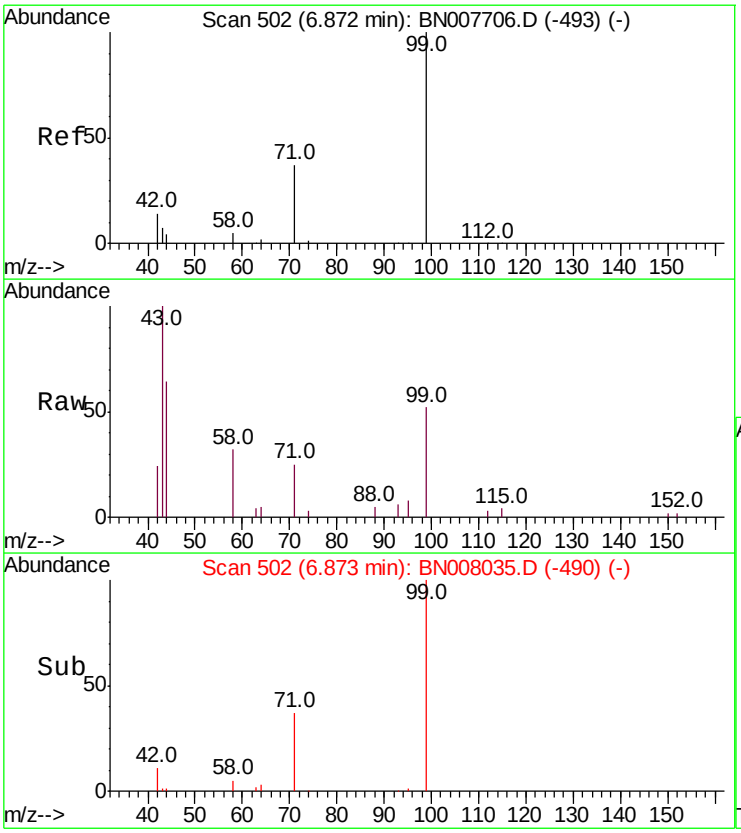
#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:112 Resp: 3437

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.6	70.0
63	28.8	23.1	34.7

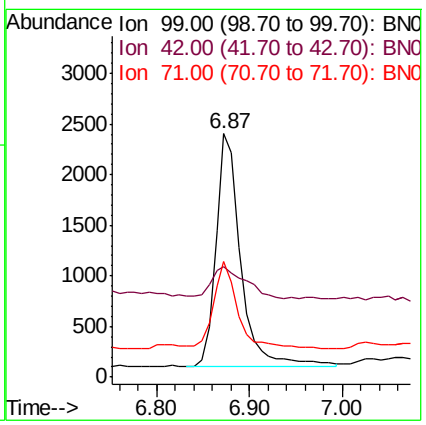


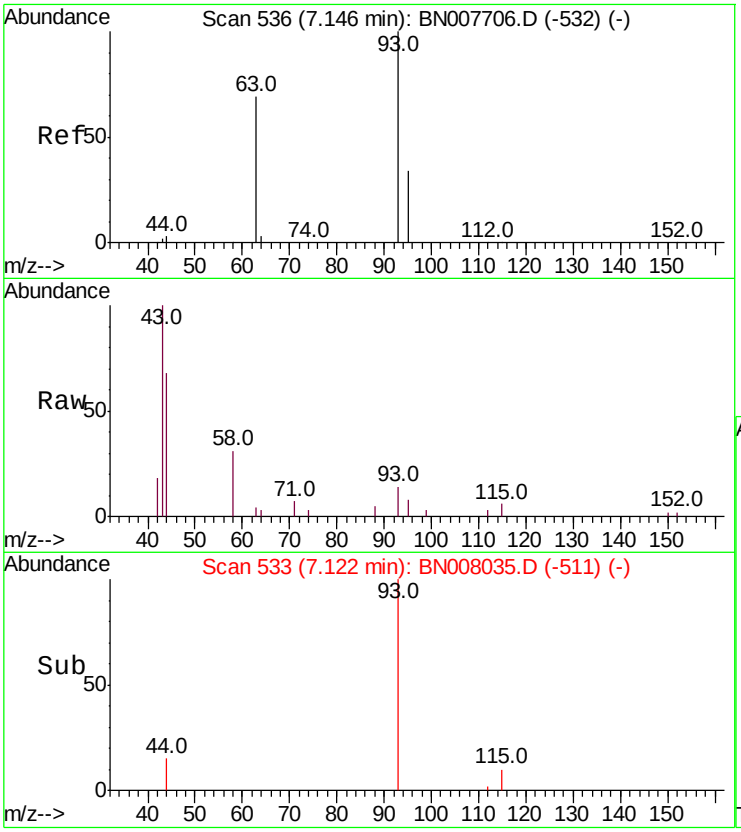


#5
Phenol-d6
Concen: 0.226 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion: 99 Resp: 4294

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.8	19.2
71	36.6	27.6	41.4



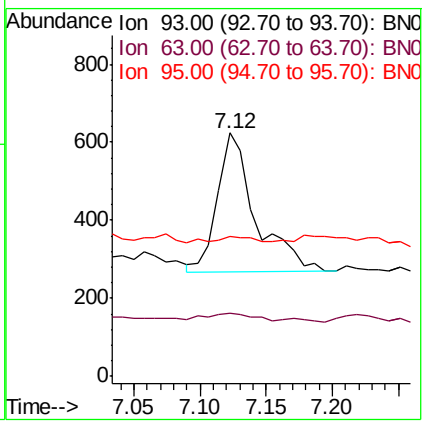


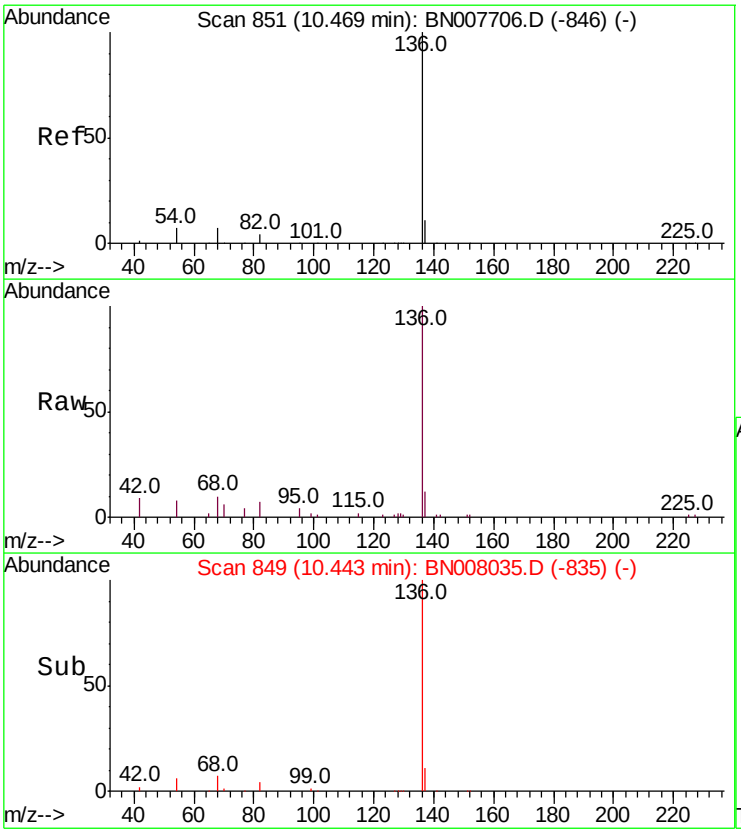
#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.12 min Scan# 533
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion: 93 Resp: 720

Ion	Ratio	Lower	Upper
93	100		
63	6.0	59.3	88.9#
95	5.4	31.4	47.0#

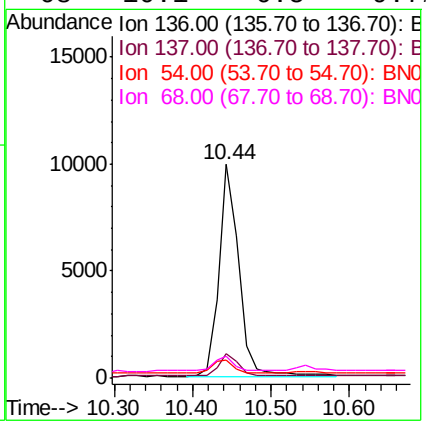


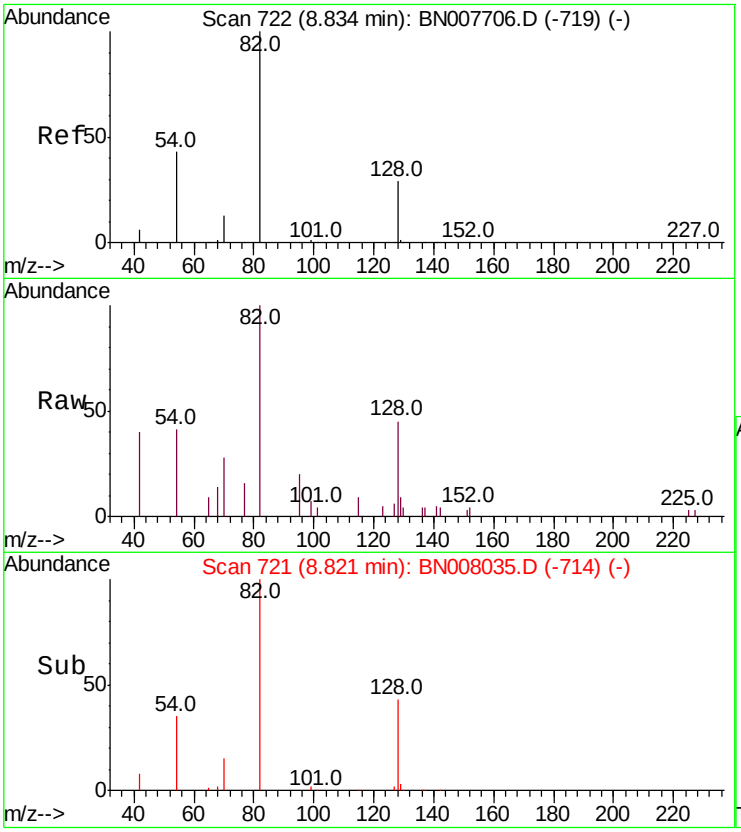


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:136 Resp: 17447

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.4	5.8	8.8
68	10.1	6.5	9.7#



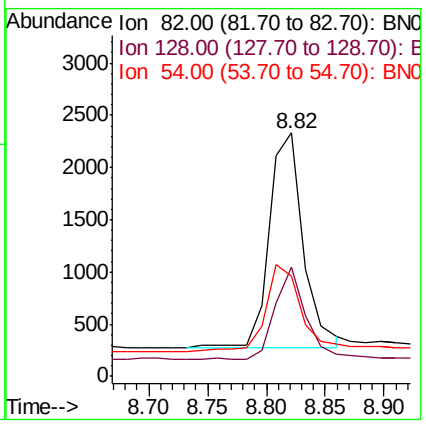


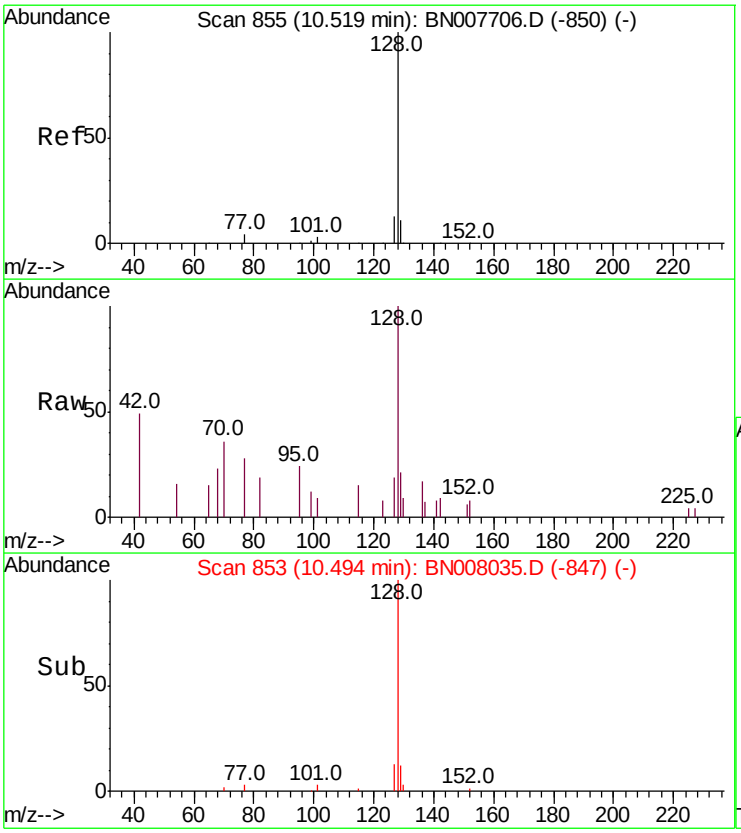
#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion: 82 Resp: 4134

Ion	Ratio	Lower	Upper
82	100		
128	44.9	24.5	36.7#
54	41.0	35.2	52.8

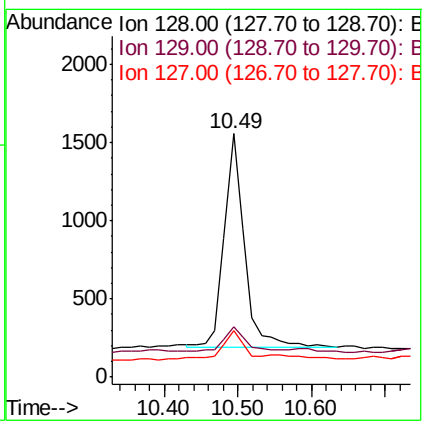


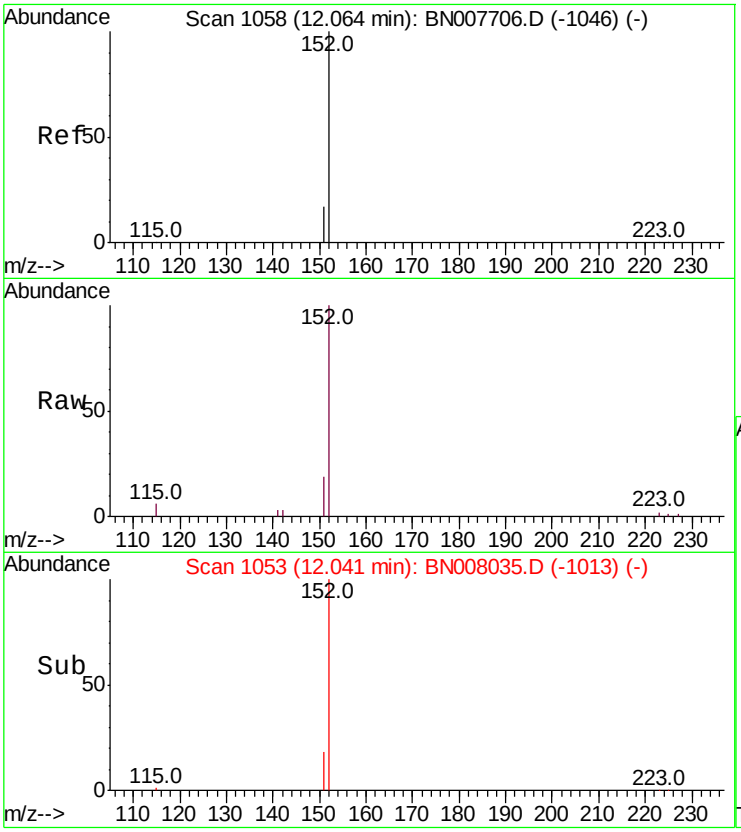


#9
Naphthalene
Concen: 0.052 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:128 Resp: 2570

Ion	Ratio	Lower	Upper
128	100		
129	20.6	9.1	13.7#
127	19.1	10.6	15.8#



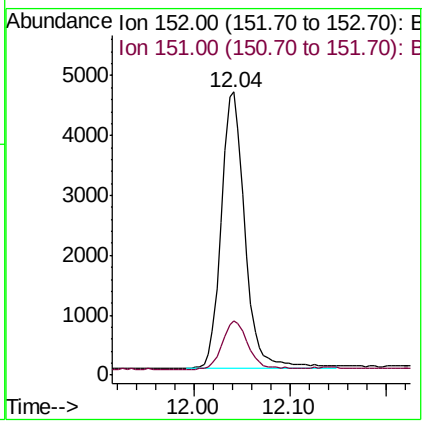


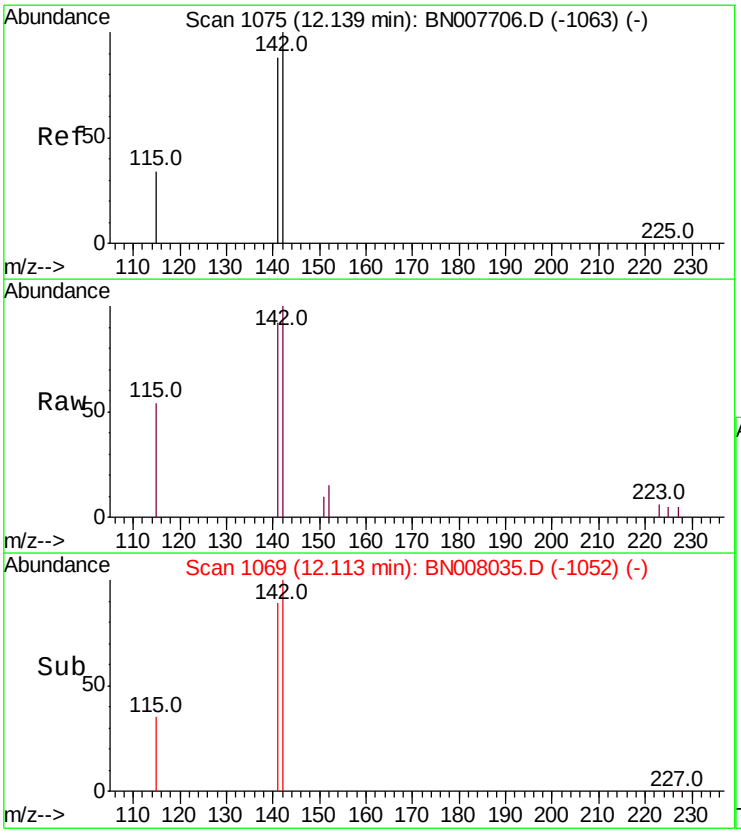
#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:152 Resp: 7943

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

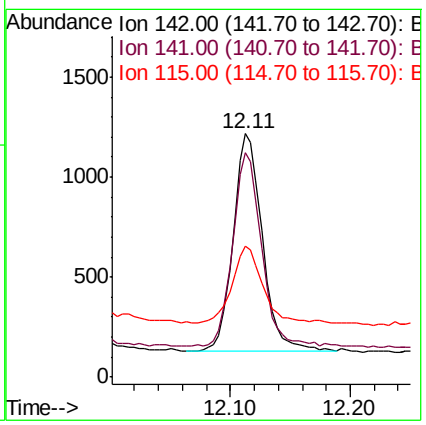


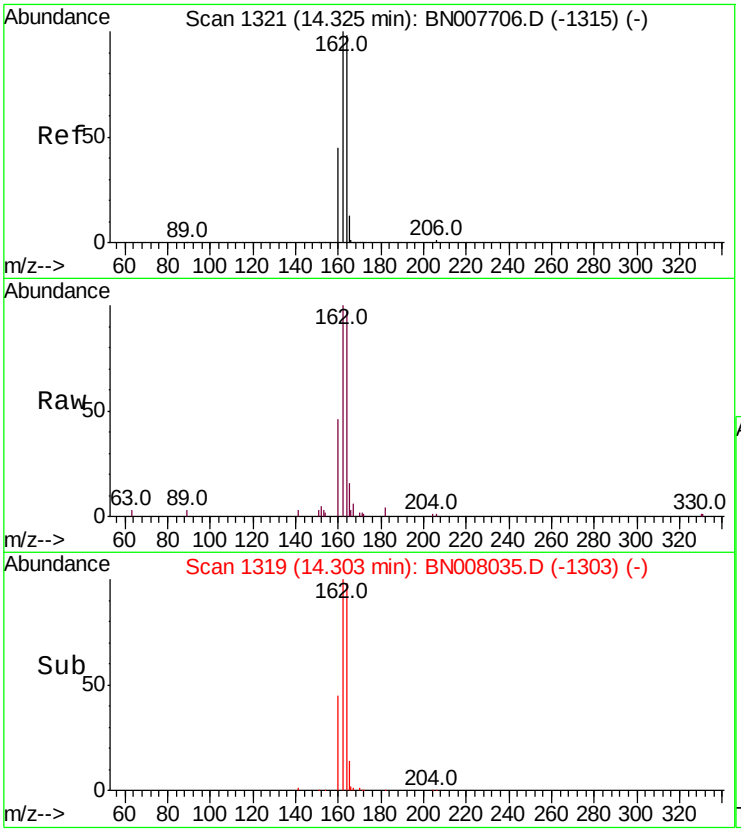


#12
2-Methylnaphthalene
Concen: 0.056 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:142 Resp: 1844

Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.6	106.0
115	53.8	28.3	42.5#



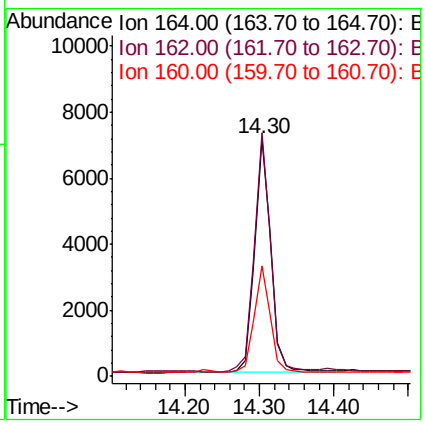


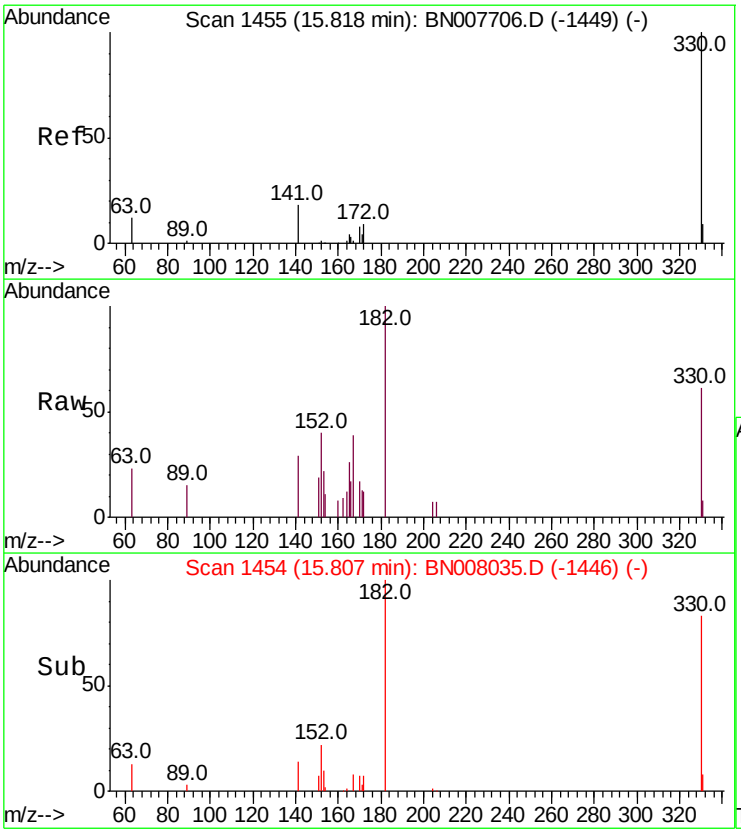
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:164 Resp: 11036

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.7	122.5
160	46.7	37.0	55.4

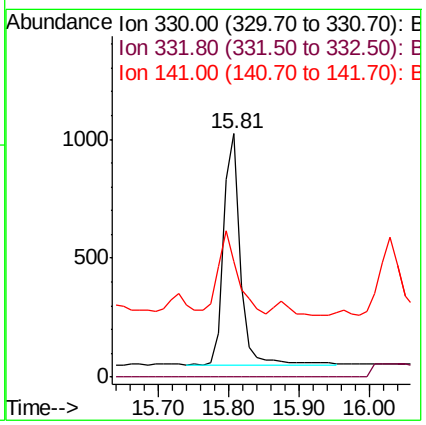


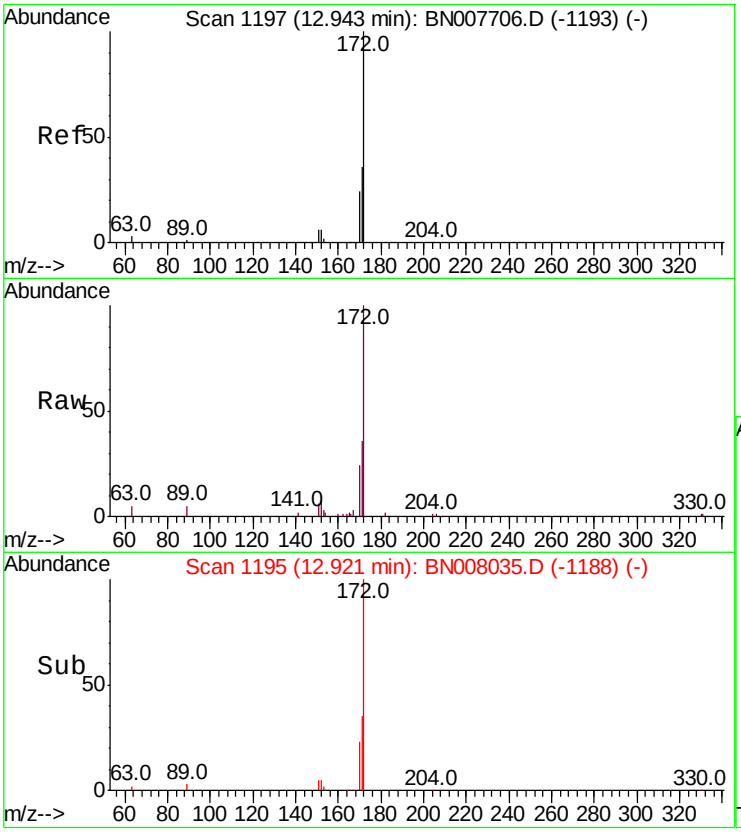


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:330 Resp: 1622

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	28.7	43.1



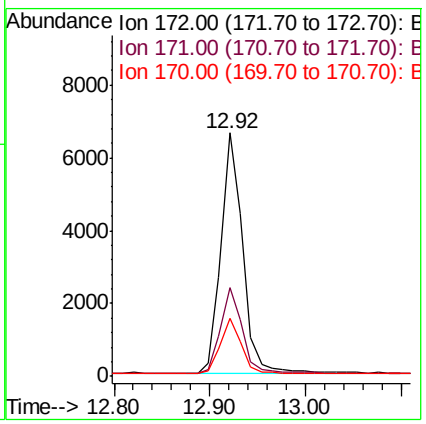


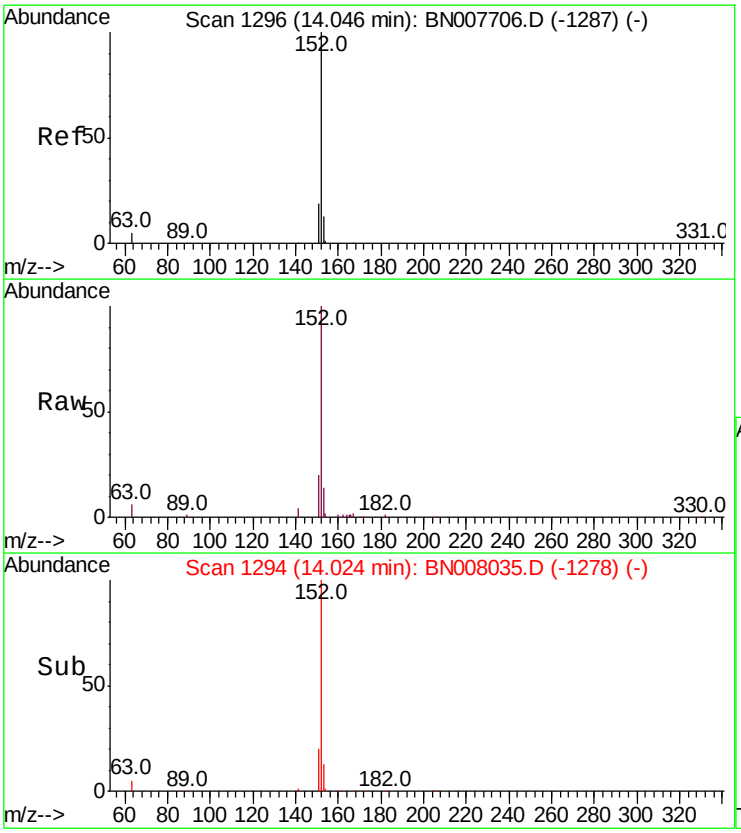
#15
2-Fluorobiphenyl
Concen: 0.232 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:172 Resp: 10558

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	24.0	19.5	29.3

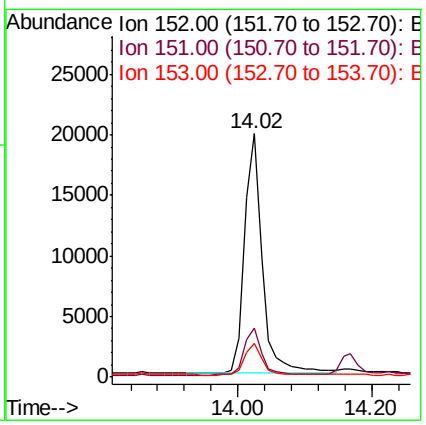


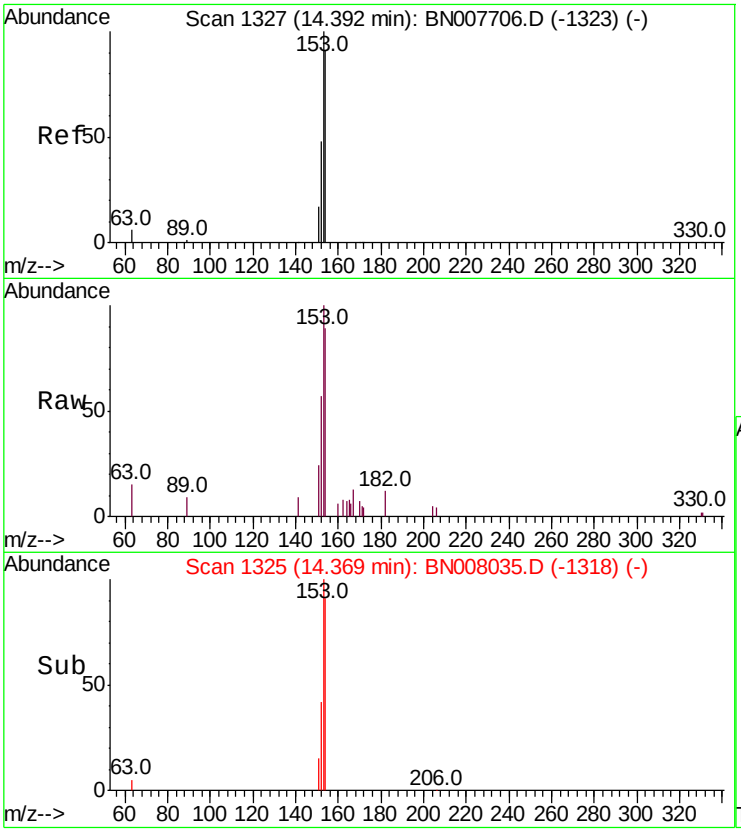


#16
Acenaphthylene
Concen: 0.621 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:152 Resp: 36319

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.1	10.4	15.6



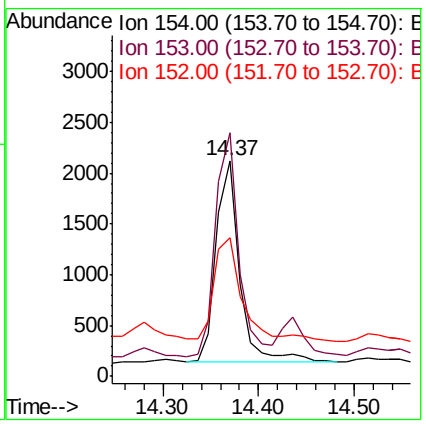


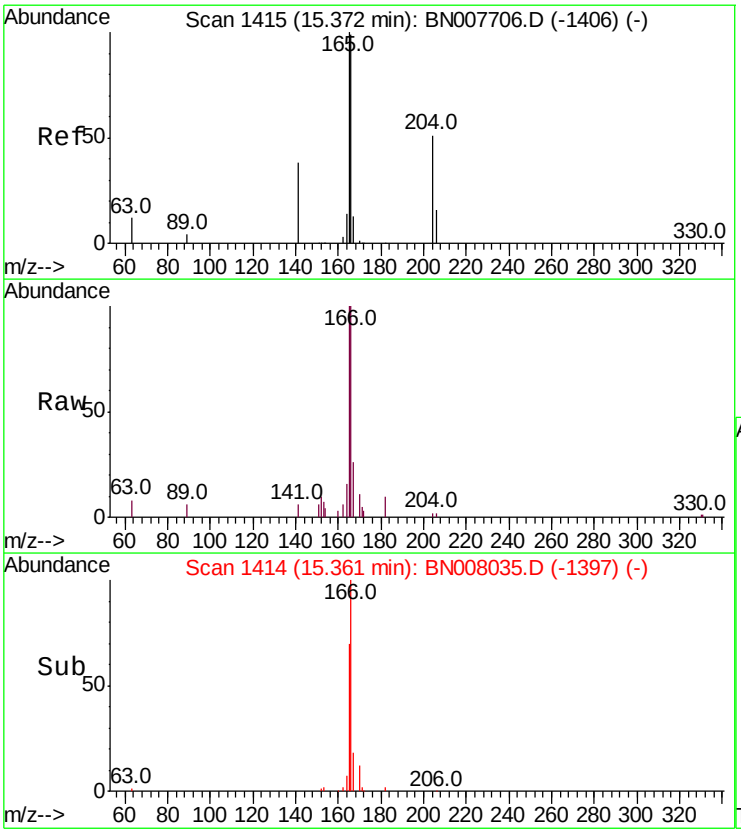
#17
Acenaphthene
Concen: 0.090 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:154 Resp: 3408

Ion	Ratio	Lower	Upper
154	100		
153	110.0	87.0	130.4
152	54.4	42.7	64.1

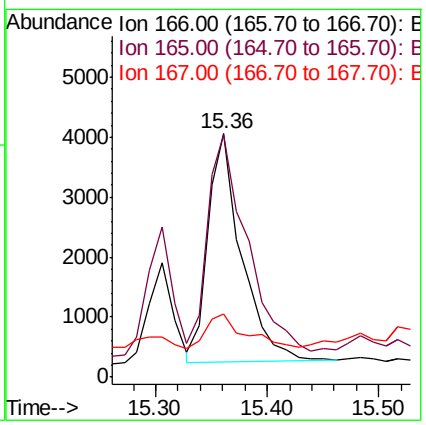


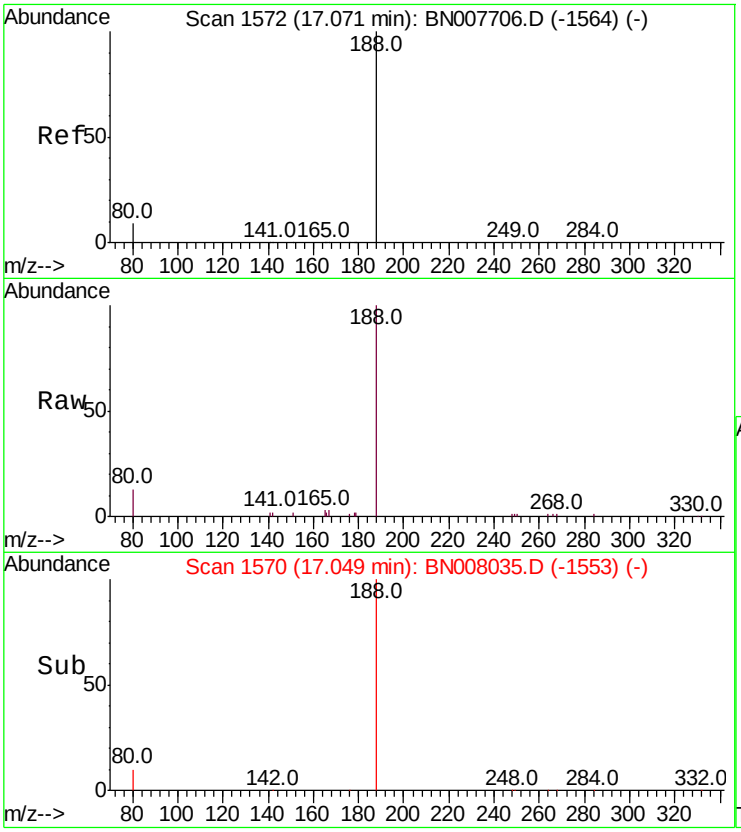


#18
Fluorene
Concen: 0.166 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:166 Resp: 8009

Ion	Ratio	Lower	Upper
166	100		
165	110.1	78.0	117.0
167	17.0	10.9	16.3#



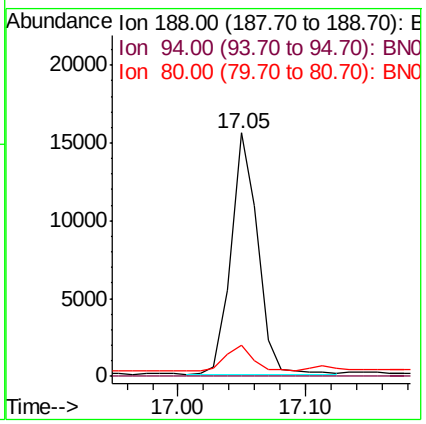


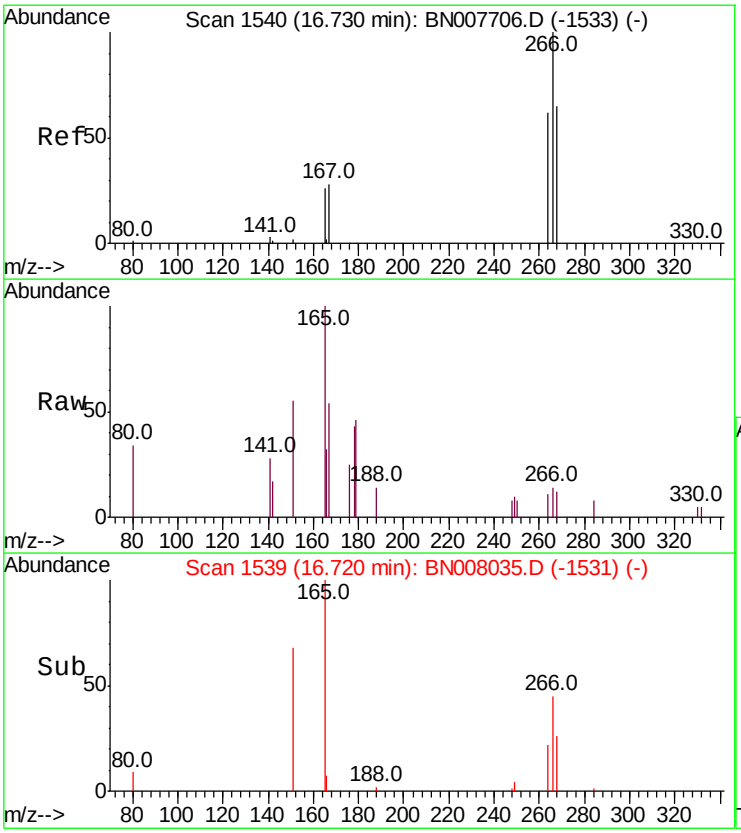
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:188 Resp: 22434

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	7.4	11.2#

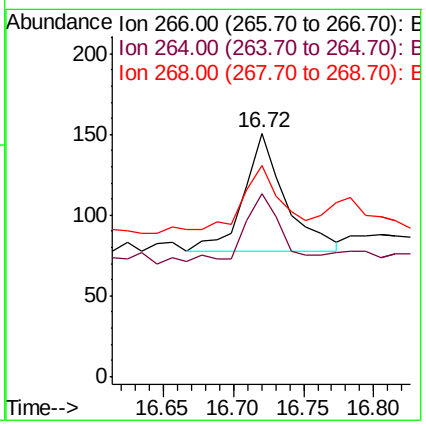


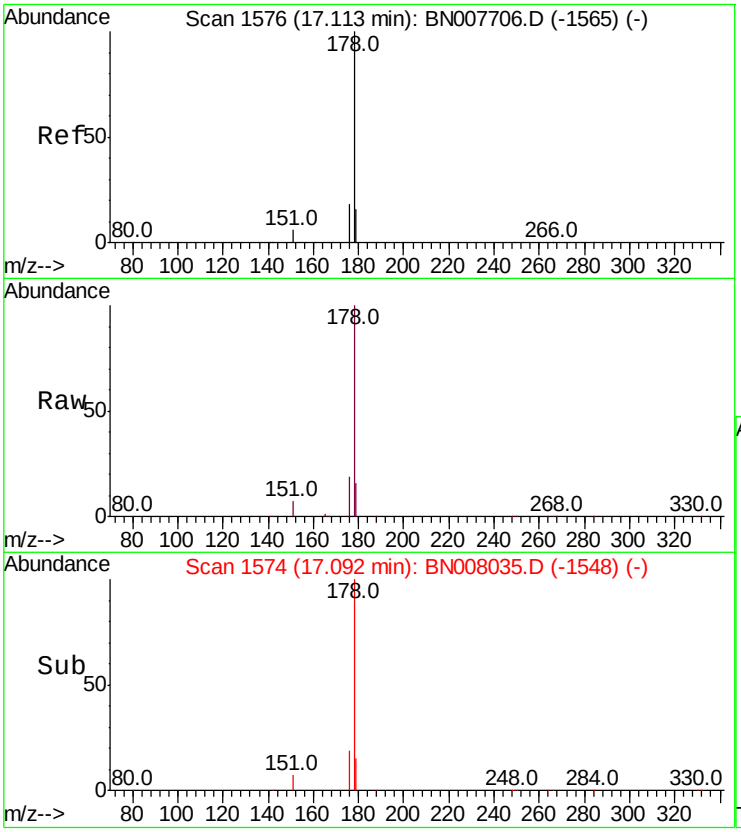


#22
Pentachlorophenol
Concen: 0.028 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:266 Resp: 151

Ion	Ratio	Lower	Upper
266	100		
264	74.8	50.0	75.0
268	86.8	54.2	81.4#



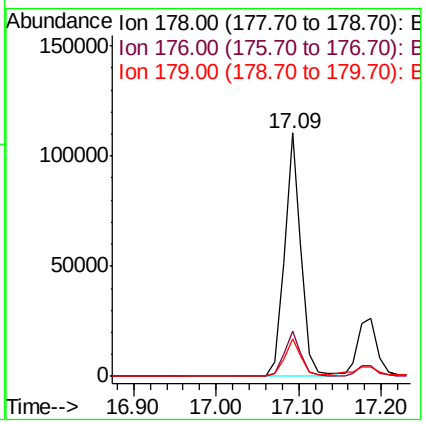


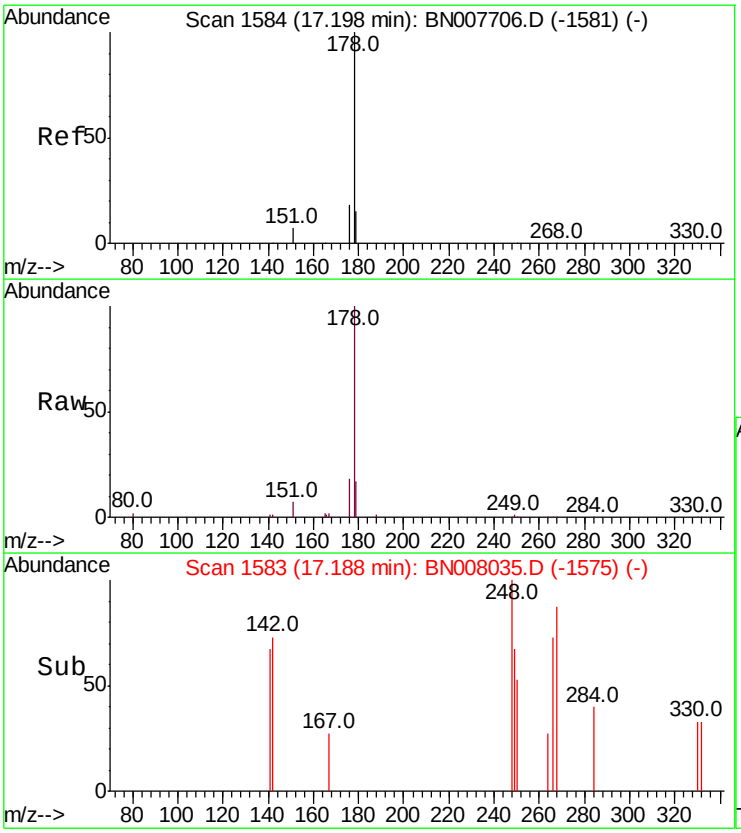
#23
Phenanthrene
Concen: 2.198 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:178 Resp: 153606

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.7	12.5	18.7

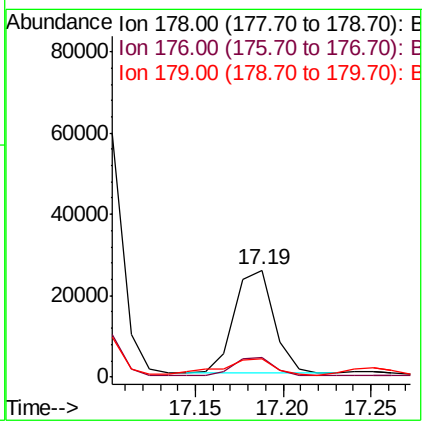


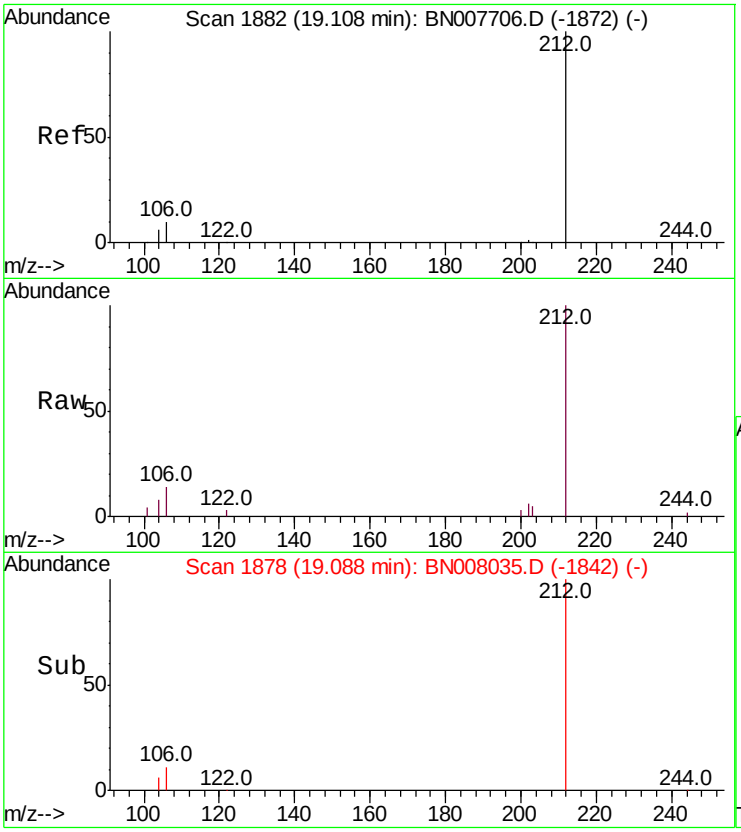


#24
Anthracene
Concen: 0.629 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:178 Resp: 39723

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	19.0	12.2	18.4#



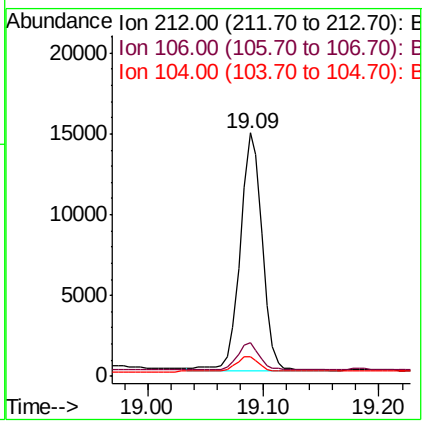


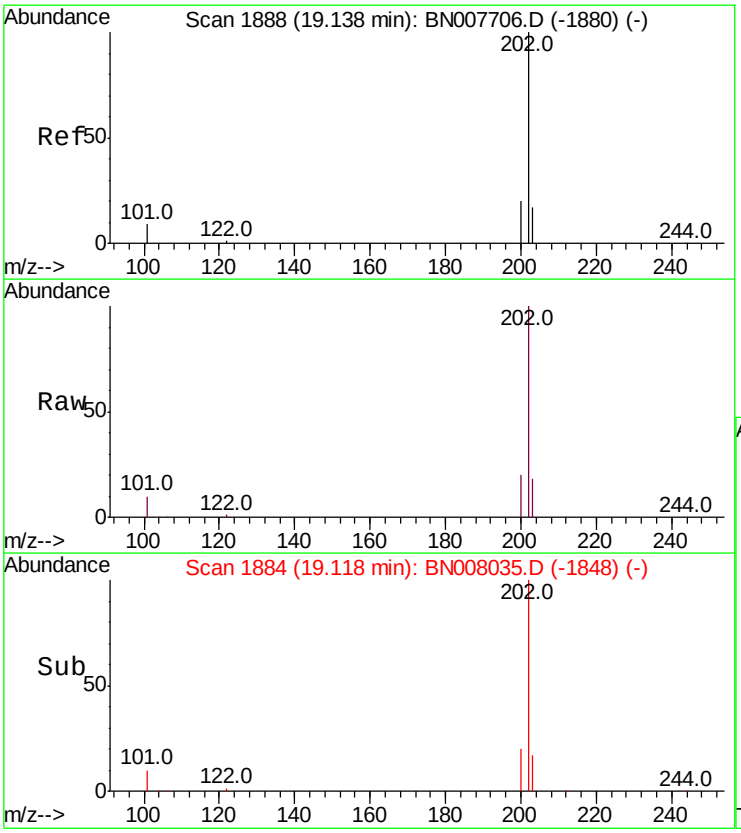
#25
Fluoranthene-d10
Concen: 0.259 ng
RT: 19.09 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:212 Resp: 19577

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	7.5	5.3	7.9

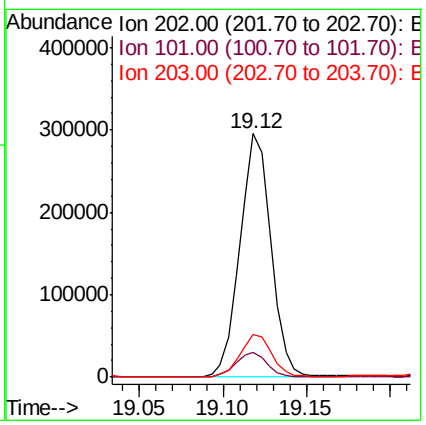


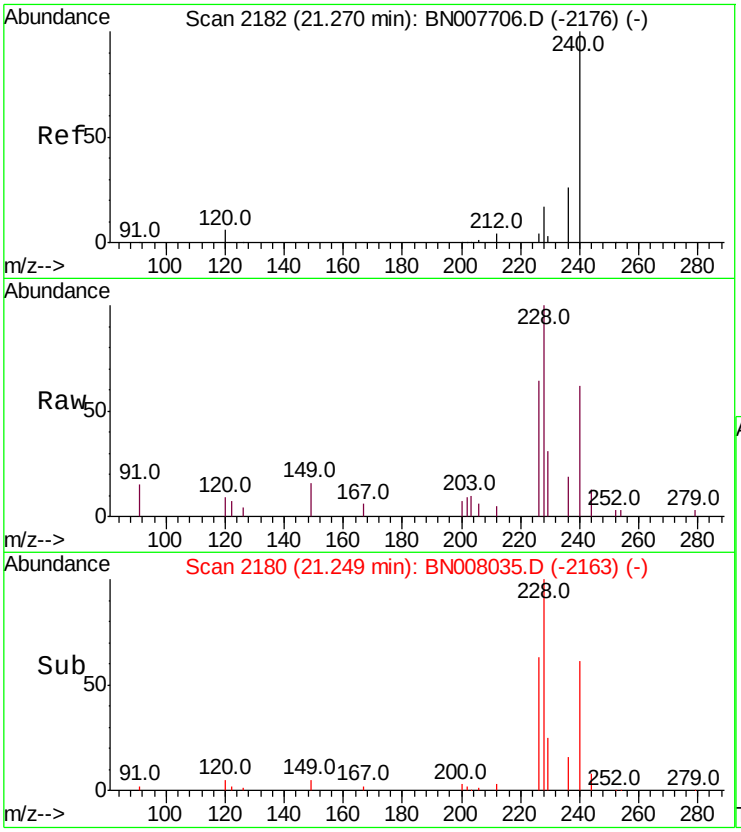


#26
Fluoranthene
Concen: 4.407 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:202 Resp: 383006

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
203	17.6	13.8	20.8



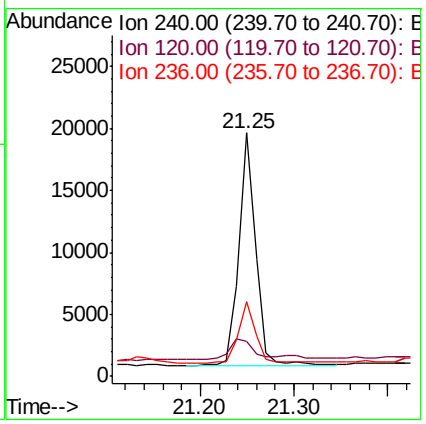


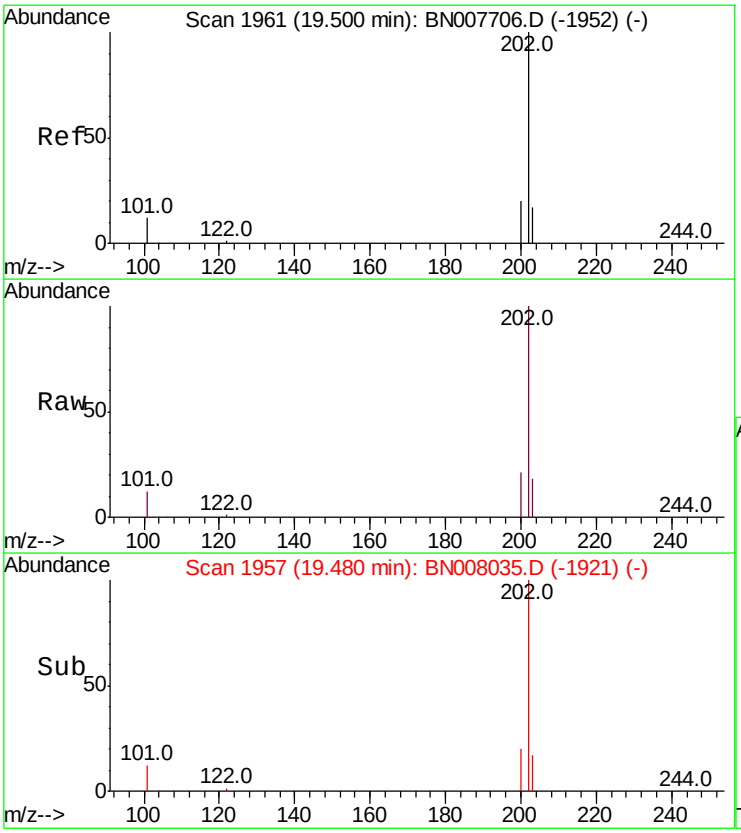
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:240 Resp: 23391

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.4	8.2#
236	30.5	21.0	31.4

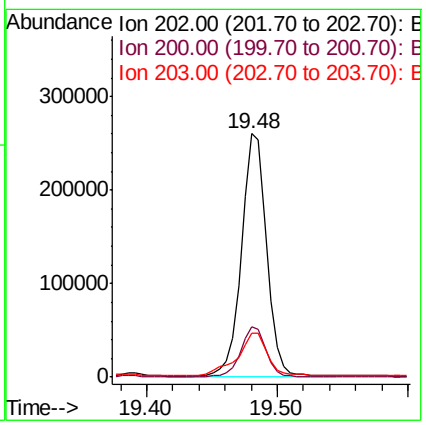


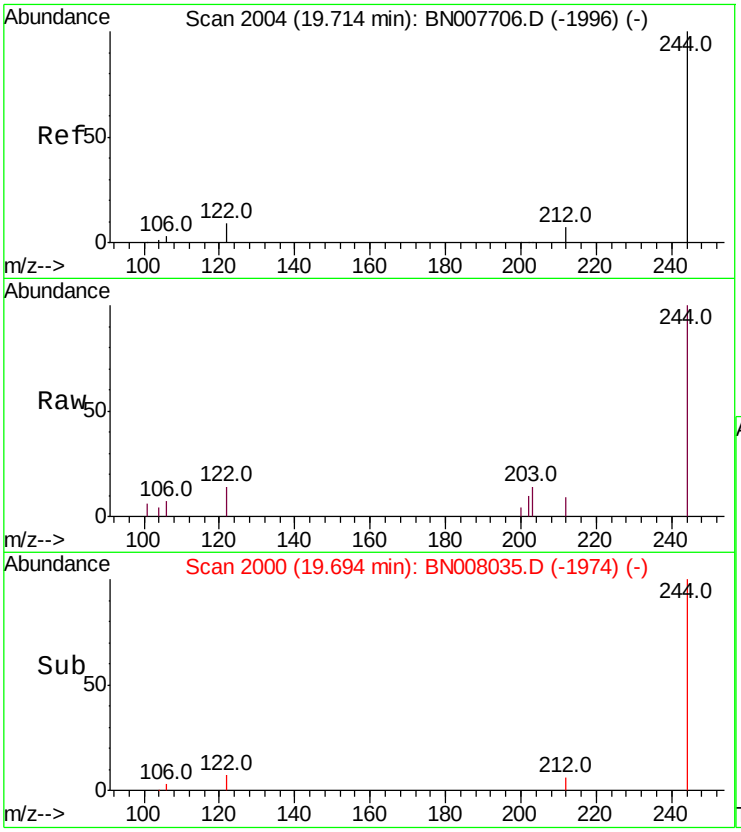


#28
Pyrene
Concen: 4.396 ng
RT: 19.48 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:202 Resp: 350728

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	21.5	14.1	21.1#



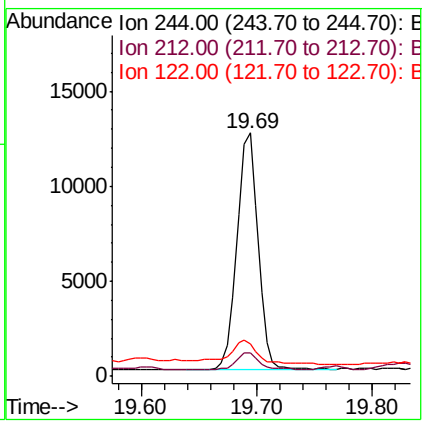


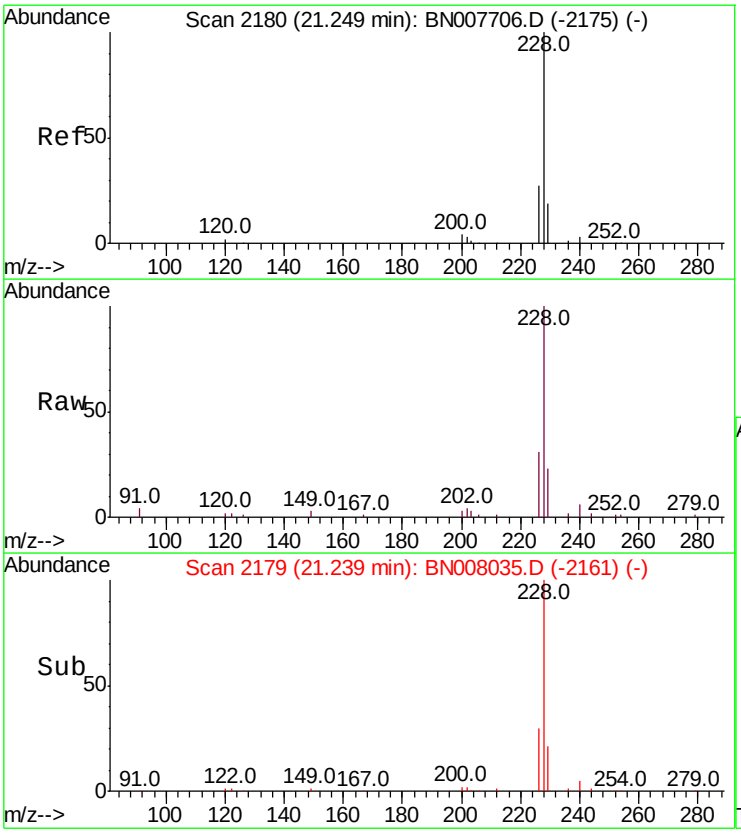
#29
Terphenyl-d14
Concen: 0.275 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:244 Resp: 15791

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.9	8.9#
122	13.6	7.4	11.2#

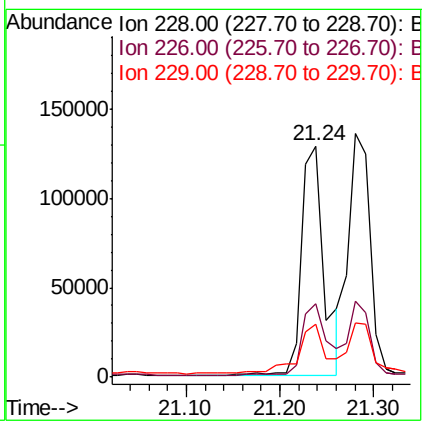


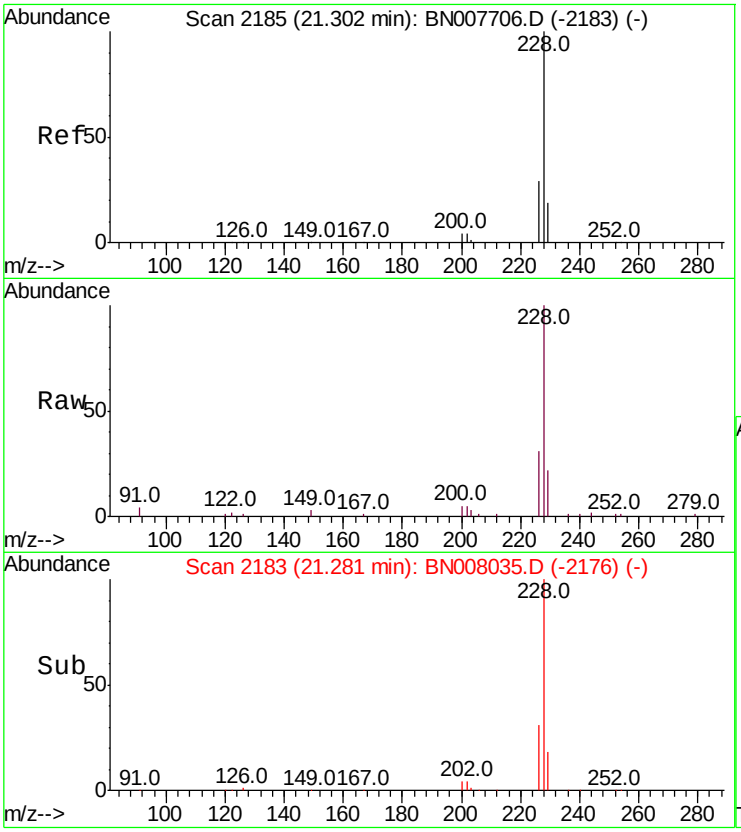


#30
Benzo(a)anthracene
Concen: 2.498 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:228 Resp: 215167

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.1	33.1
229	23.0	15.8	23.6



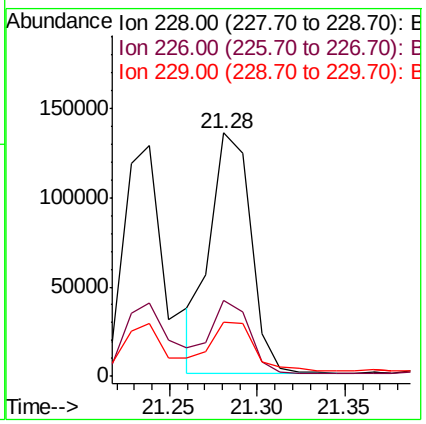


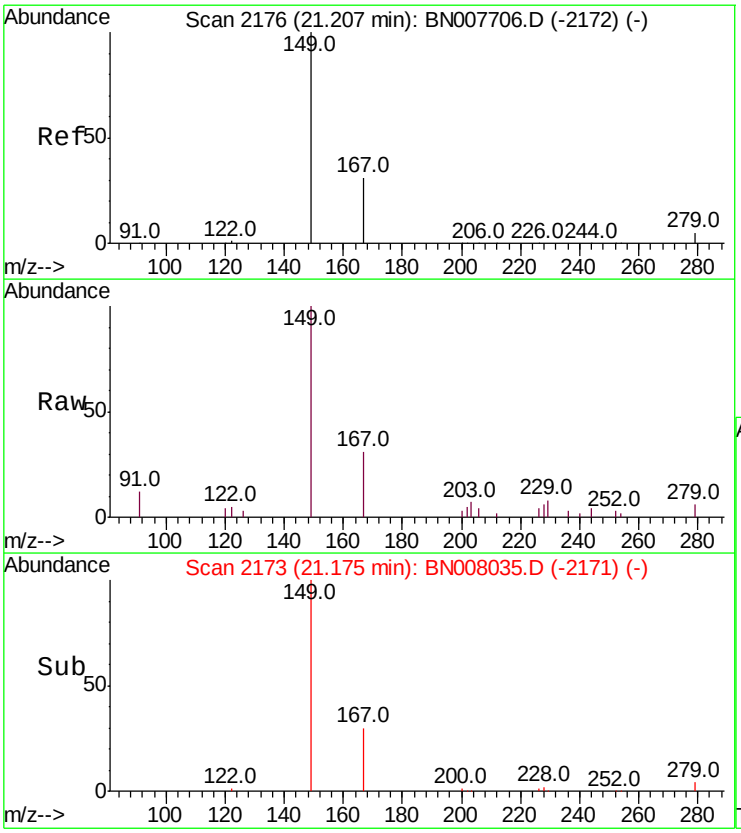
#31
Chrysene
Concen: 2.565 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:228 Resp: 215333

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	22.4	15.8	23.6

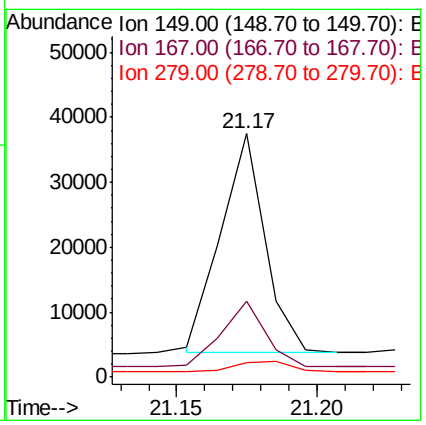


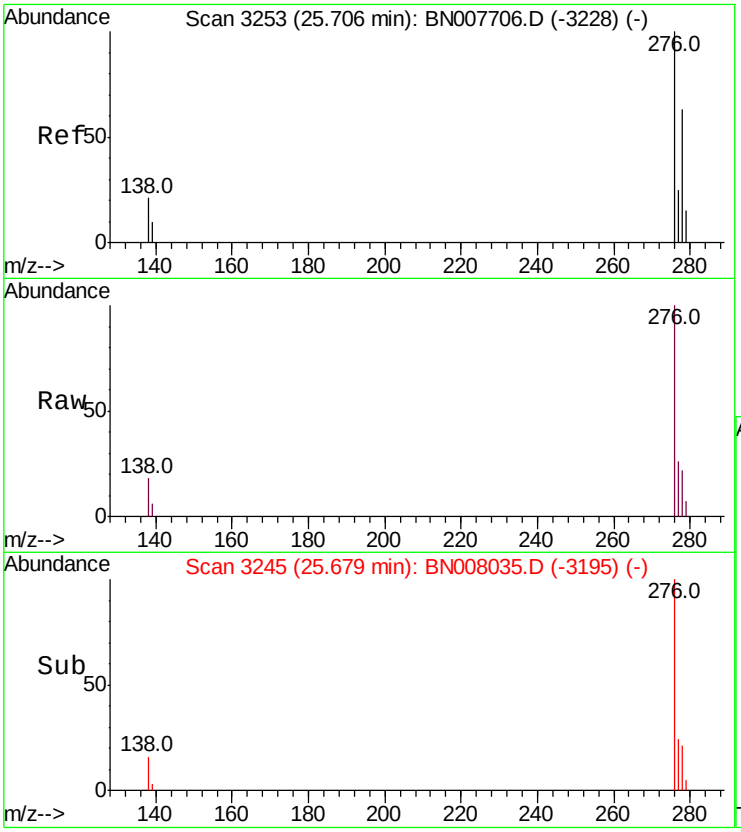


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.838 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:149 Resp: 37146

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.8	4.2	6.2



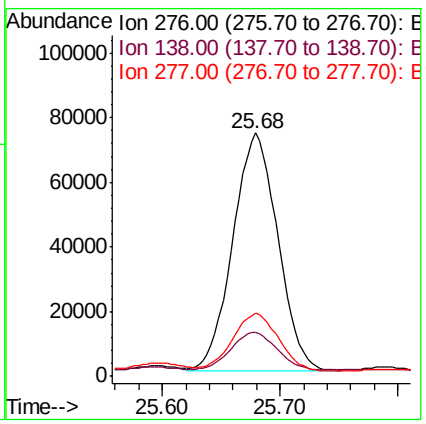


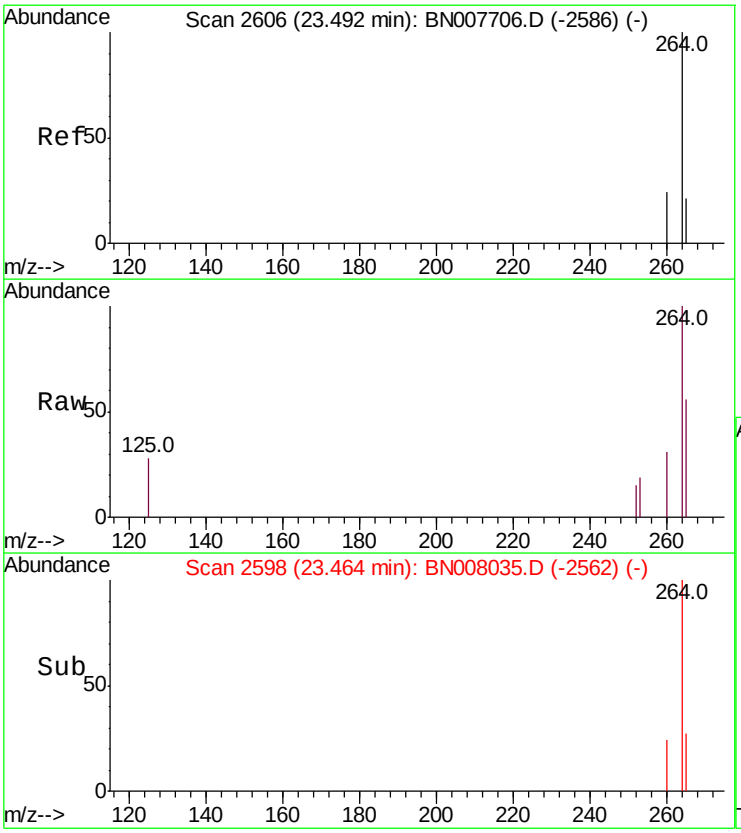
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.854 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:276 Resp: 194824

Ion	Ratio	Lower	Upper
276	100		
138	16.5	17.1	25.7#
277	24.6	20.0	30.0

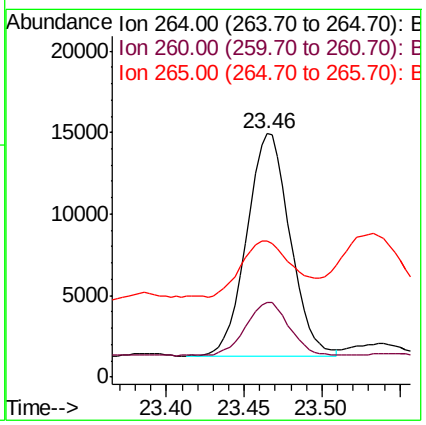


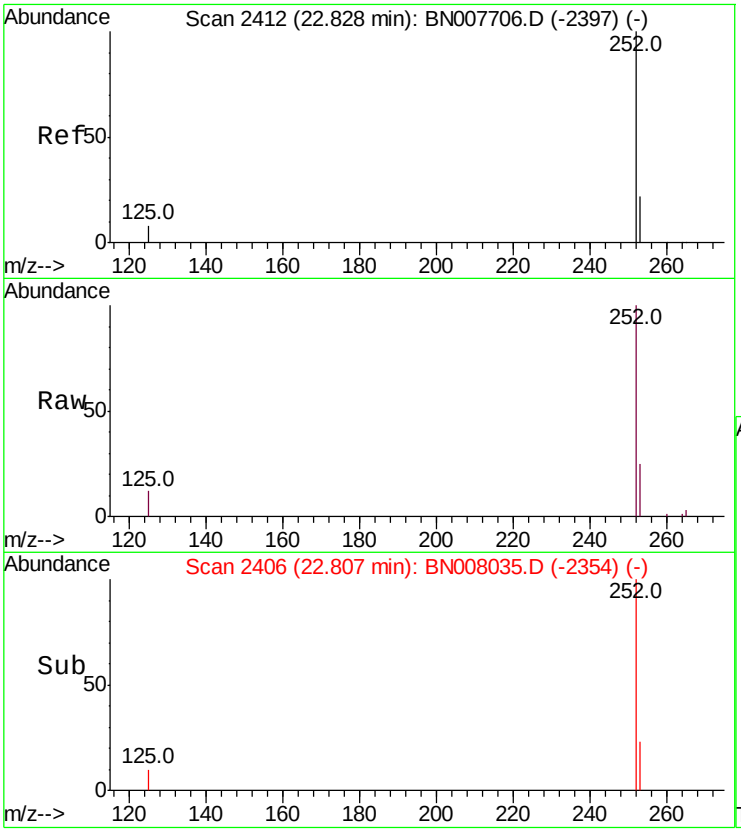


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:264 Resp: 26302

Ion	Ratio	Lower	Upper
264	100		
260	30.9	19.3	28.9#
265	55.7	26.9	40.3#



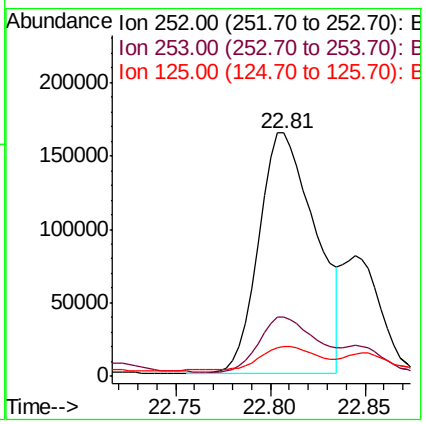


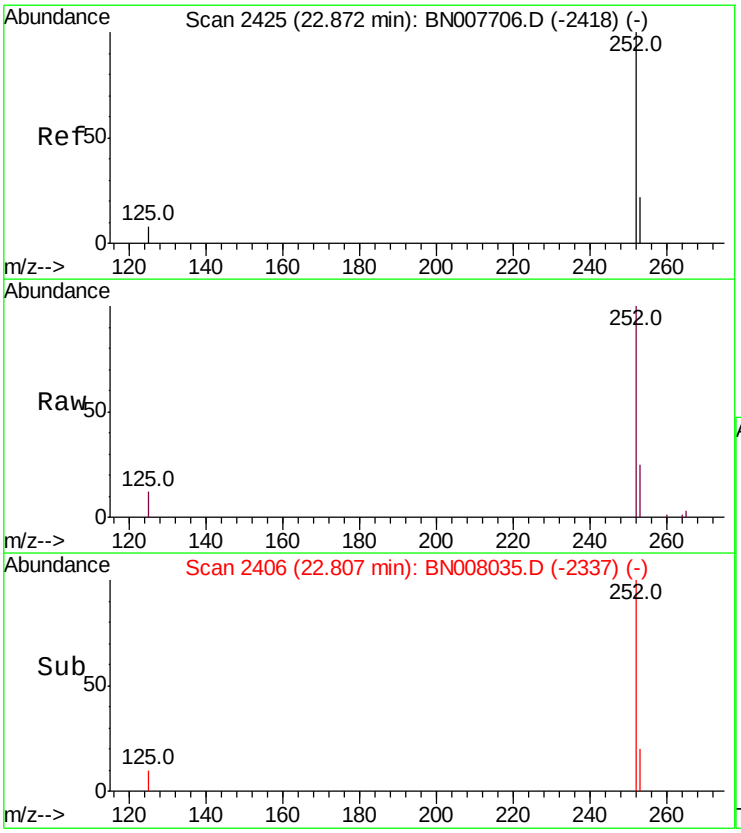
#35
Benzo(b)fluoranthene
Concen: 3.737 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:252 Resp: 341241

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.3	27.5
125	12.3	8.2	12.4

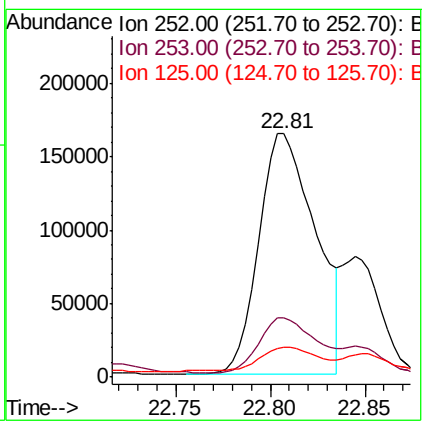


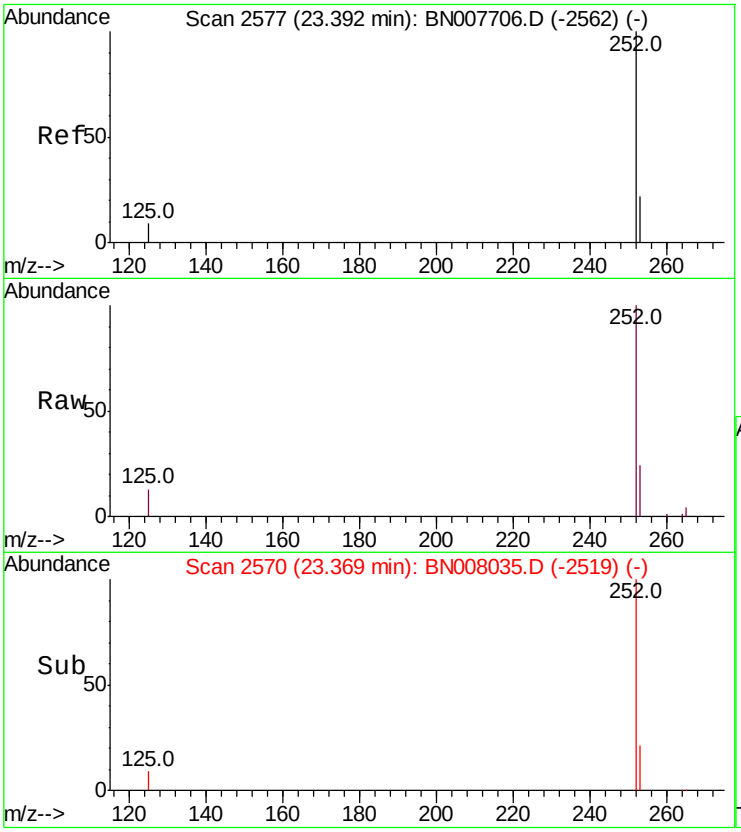


#36
Benzo(k)fluoranthene
Concen: 3.779 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:252 Resp: 341241

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	12.3	8.4	12.6



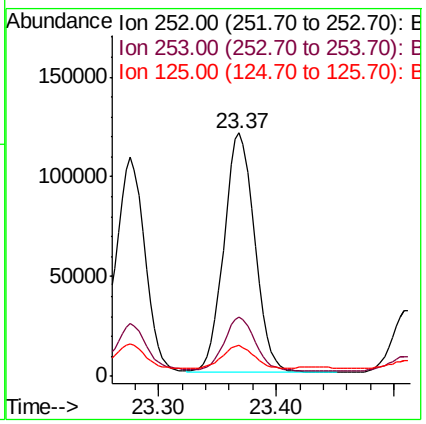


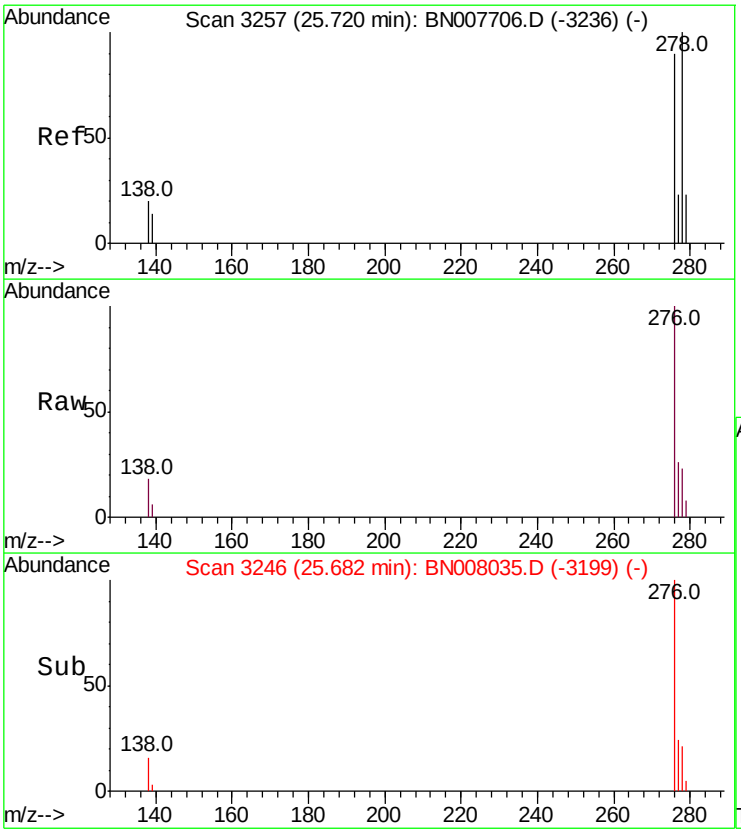
#37
Benzo(a)pyrene
Concen: 2.524 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:252 Resp: 216601

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	27.8
125	12.6	9.4	14.0

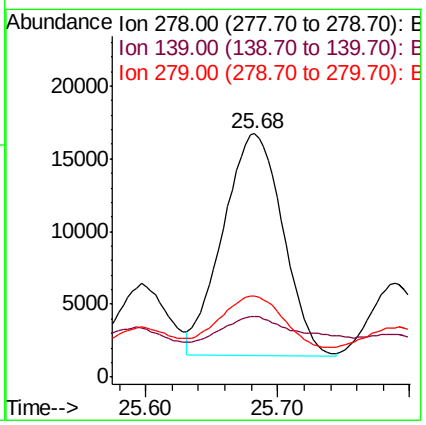


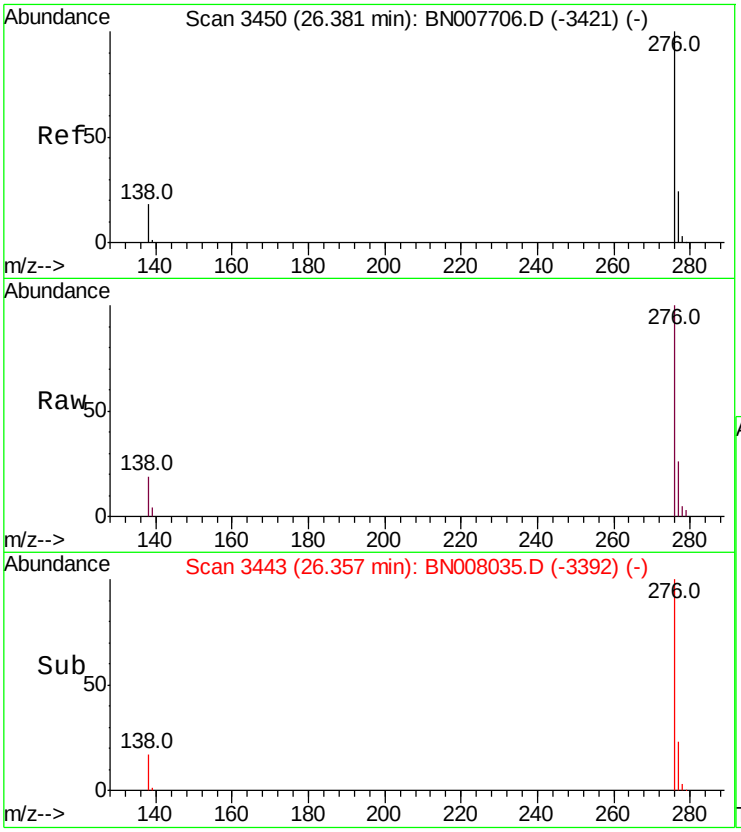


#38
Dibenzo(a,h)anthracene
Concen: 0.547 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.04 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:278 Resp: 47984

Ion	Ratio	Lower	Upper
278	100		
139	24.7	11.8	17.6#
279	33.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 2.369 ng
RT: 26.36 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tgt Ion:276 Resp: 205789

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.8	29.8
138	18.6	15.1	22.7