Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
Data File : BN007357.D
Acq On : 24 Aug 2019 09:26
Operator : HP/JU
Sample : K4239-19 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-034-SW091-080519-1DL

Quant Time: Aug 24 22:49:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5745	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	24919	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	13910	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	30269	0.40	ng		0.00
27) Chrysene-d12	21.02	240	29423	0.40	ng		0.00
34) Perylene-d12	23.12	264	33657	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	480	-0.00	ng		0.00
5) Phenol-d6	6.59	99	615	-0.01	ng		0.00
8) Nitrobenzene-d5	8.54	82	571	0.03	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	950	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	179	0.02	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	1252	0.02	ng		0.00
25) Fluoranthene-d10	18.84	212	2093	0.02	ng		0.00
29) Terphenyl-d14	19.46	244	2156	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	9082	0.128	ng	#	94
12) 2-Methylnaphthalene	11.83	142	10025	0.207	ng		98
16) Acenaphthylene	13.76	152	50568	0.614	ng		98
17) Acenaphthene	14.11	154	11070	0.230	ng		97
18) Fluorene	15.10	166	21996	0.361	ng	#	88
23) Phenanthrene	16.84	178	599866	6.588	ng		99
24) Anthracene	16.93	178	74917	0.818	ng		98
26) Fluoranthene	18.88	202	635663	5.438	ng		99
28) Pyrene	19.24	202	979234	8.273	ng		97
30) Benzo(a)anthracene	21.01	228	433266	3.750	ng		93
31) Chrysene	21.06	228	468079	4.197	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	7191	0.077	ng	#	81
33) Indeno(1,2,3-cd)pyrene	25.19	276	199981	1.488	ng		98
35) Benzo(b)fluoranthene	22.67	252	50141	0.411	ng		95
36) Benzo(k)fluoranthene	22.51	252	418819	3.475	ng	#	91
37) Benzo(a)pyrene	23.17	252	58153	0.501	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	62638	0.541	ng		93
39) Benzo(g,h,i)perylene	25.81	276	235981	2.045	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
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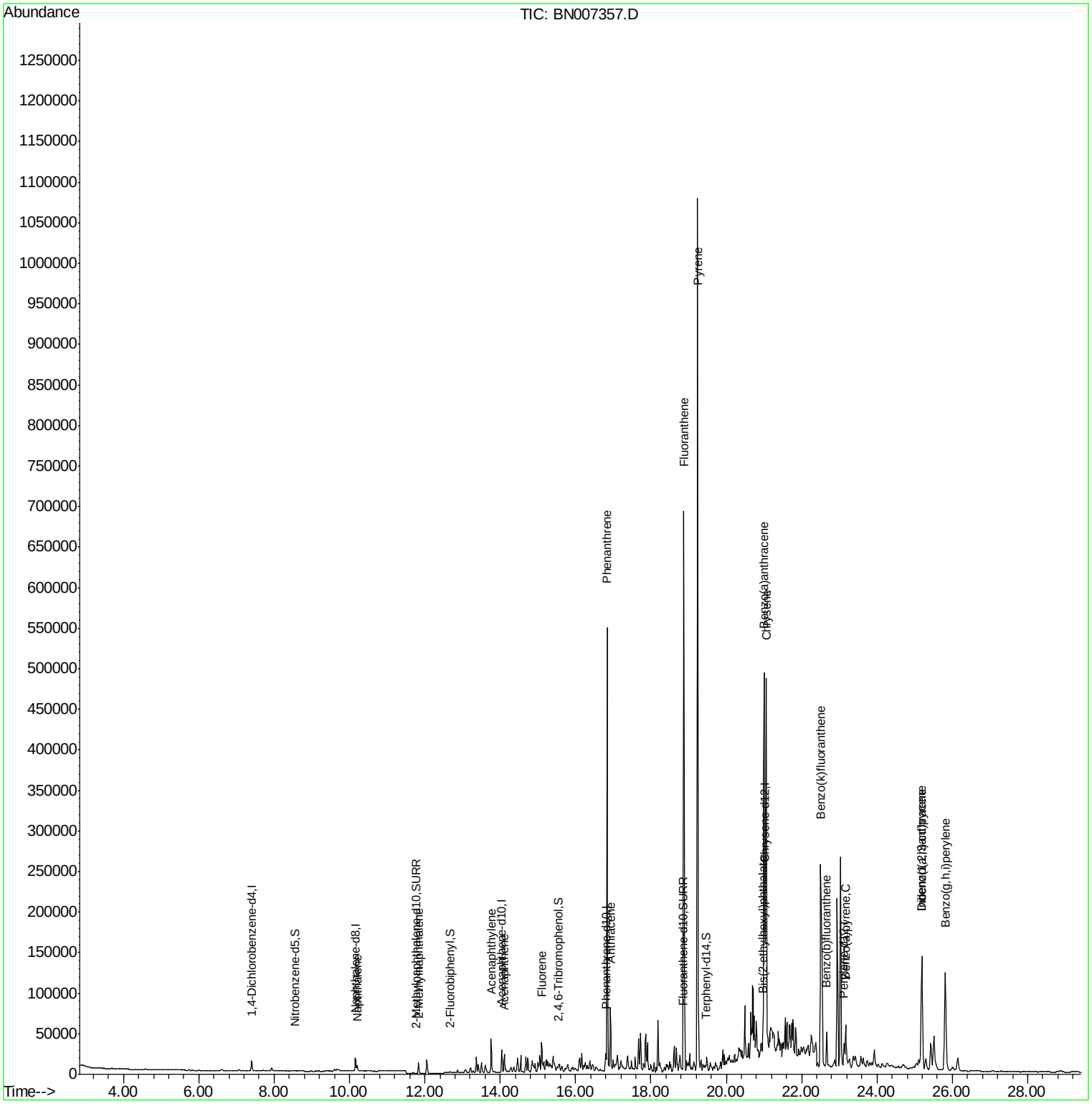
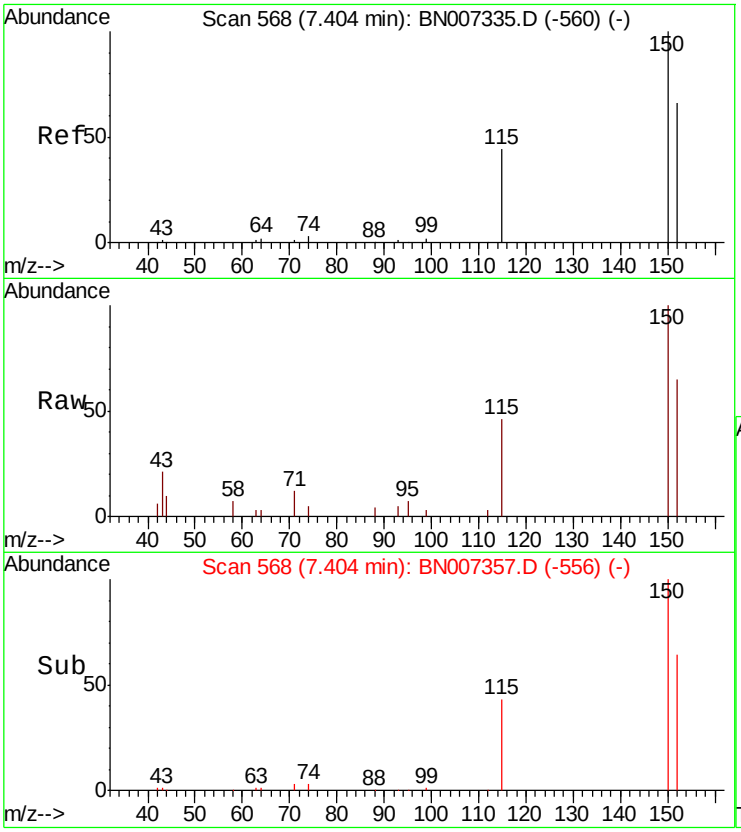


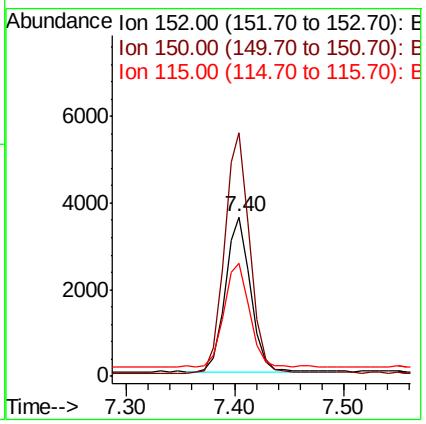


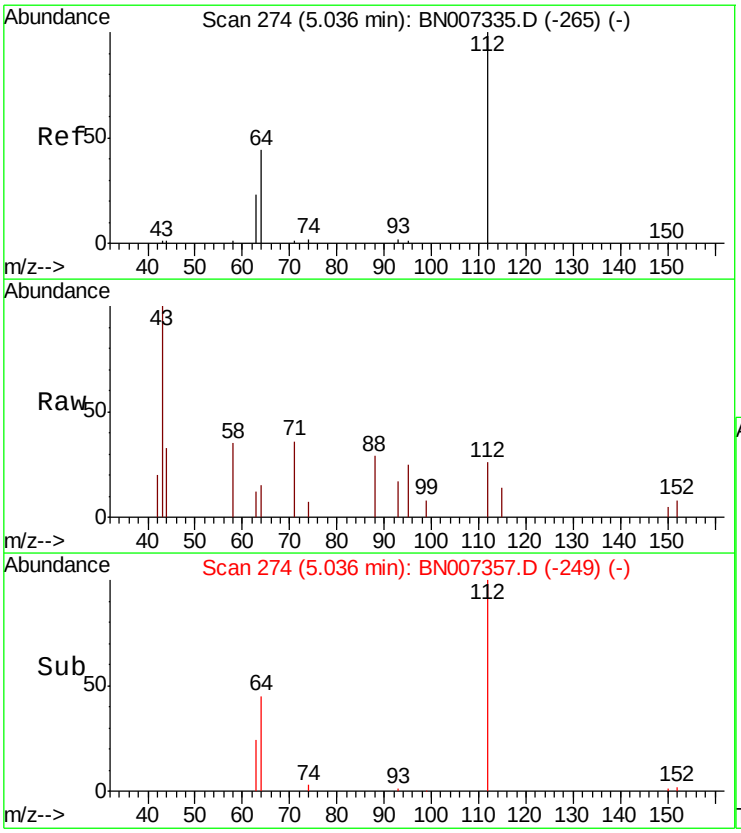
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:152 Resp: 5745

Ion	Ratio	Lower	Upper
152	100		
150	153.0	109.1	163.7
115	70.8	59.6	89.4

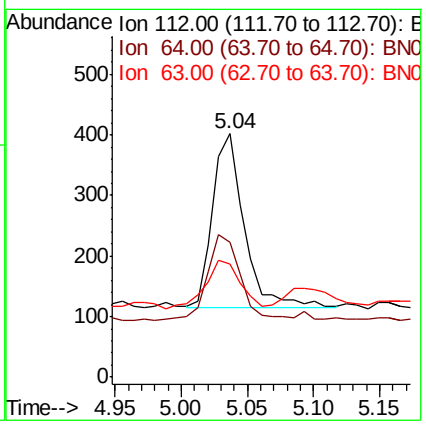


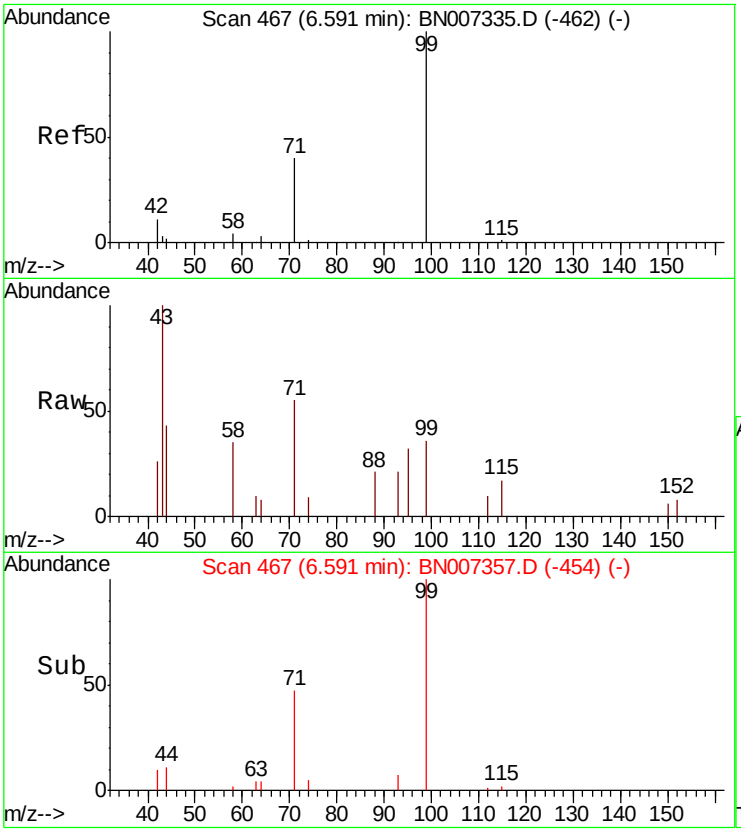


#4
2-Fluorophenol
Concen: -0.004 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:112 Resp: 480

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.3	63.5
63	30.6	23.6	35.4



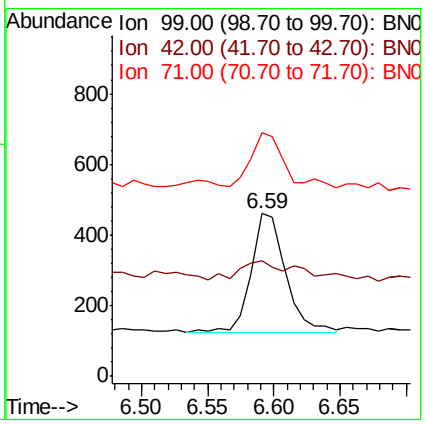


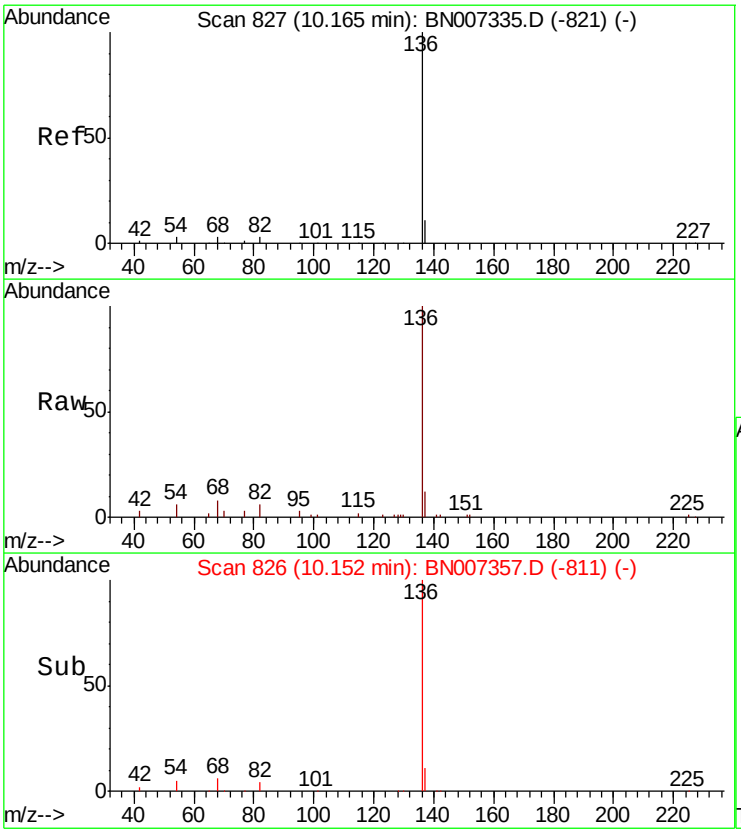
#5
Phenol-d6
Concen: -0.006 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion: 99 Resp: 615

Ion	Ratio	Lower	Upper
99	100		
42	17.2	11.2	16.8#
71	39.3	31.8	47.8

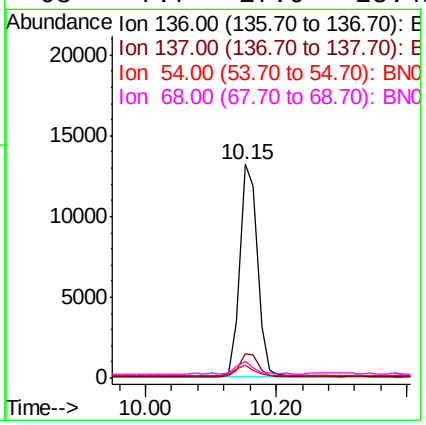


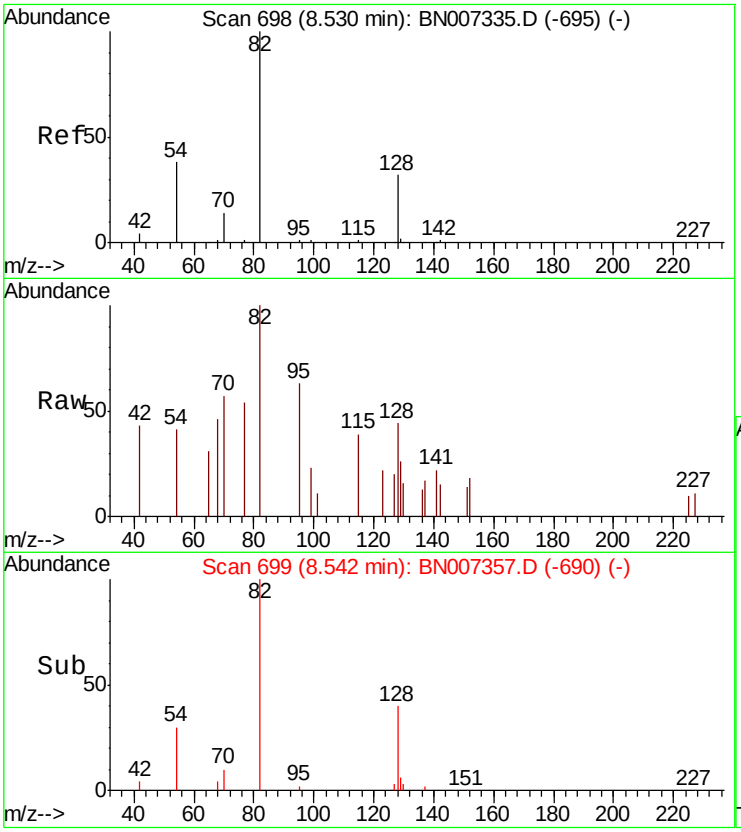


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:136 Resp: 24919

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	6.2	8.6	12.8#
68	7.7	17.0	25.4#



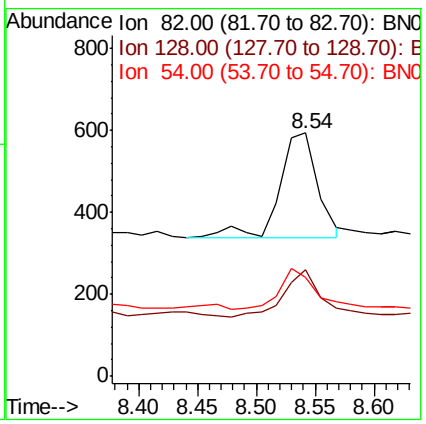


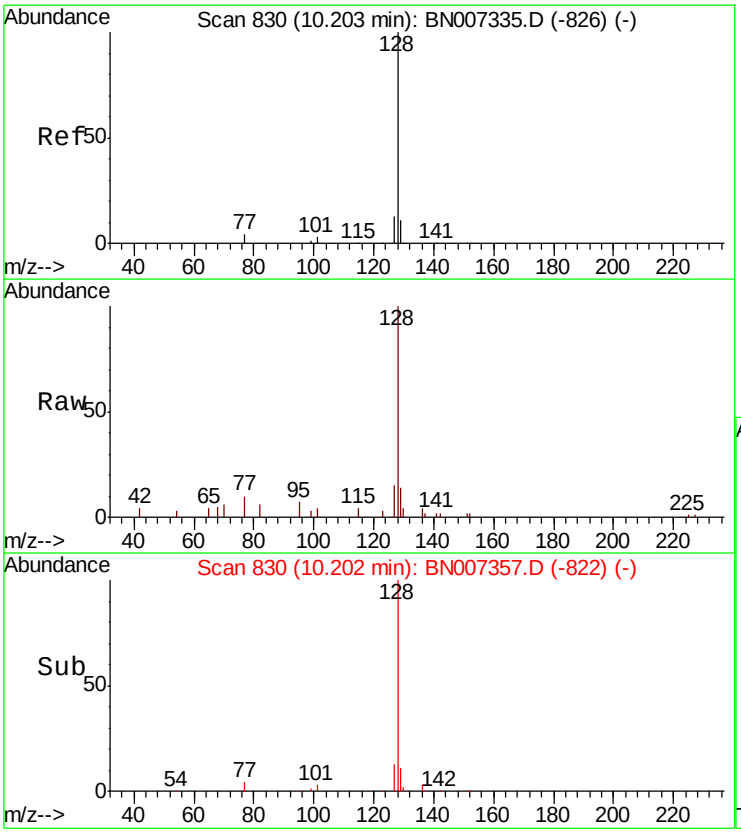
#8
Nitrobenzene-d5
Concen: 0.026 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.01 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion: 82 Resp: 571

Ion	Ratio	Lower	Upper
82	100		
128	43.8	19.7	29.5#
54	40.7	25.8	38.6#

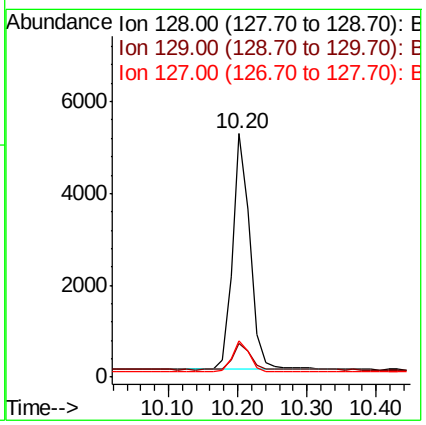


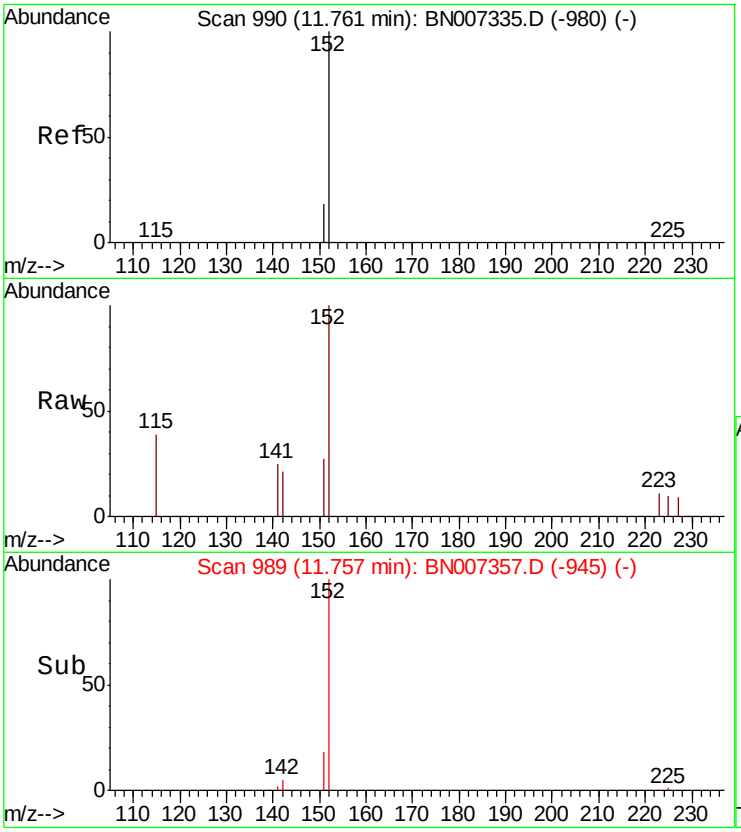


#9
Naphthalene
Concen: 0.128 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:128 Resp: 9082

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.1	16.7
127	15.1	15.5	23.3#



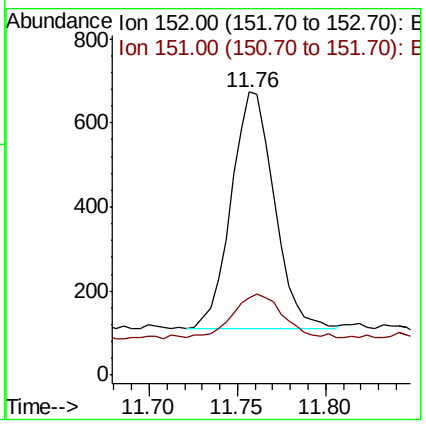


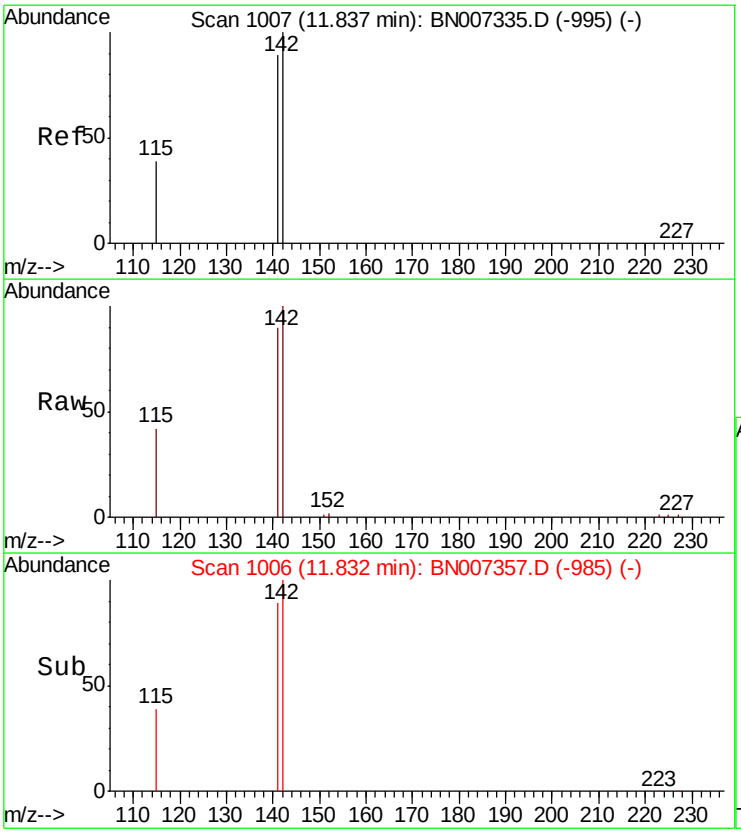
#11
2-Methylnaphthalene-d10
Concen: 0.023 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:152 Resp: 950

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.2	24.2

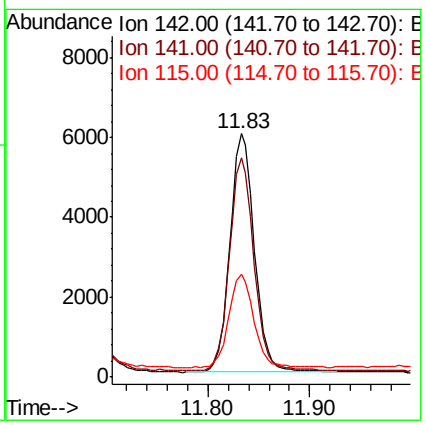


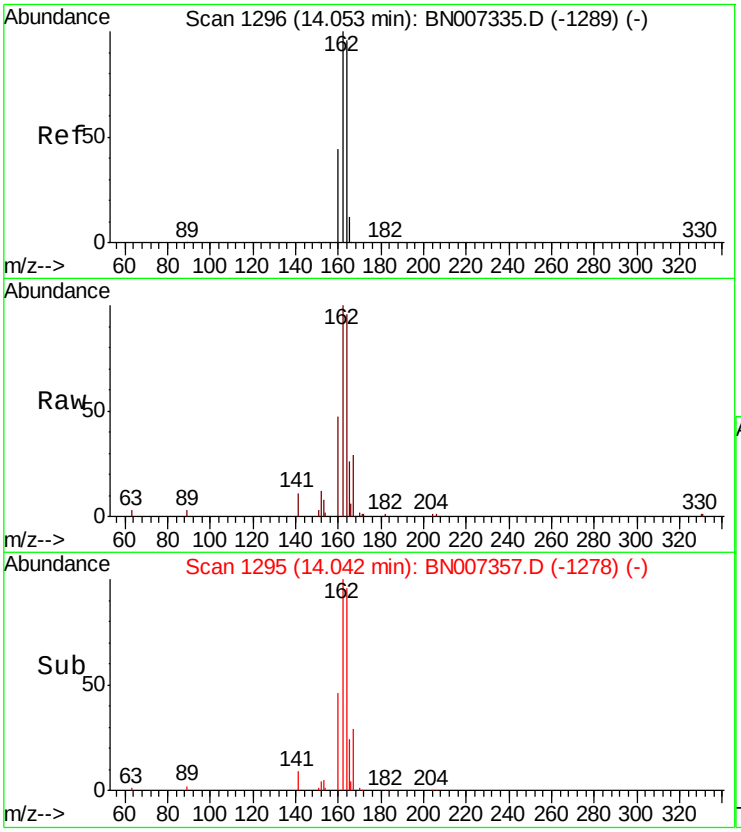


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:142 Resp: 10025

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.8	109.2
115	42.2	35.2	52.8



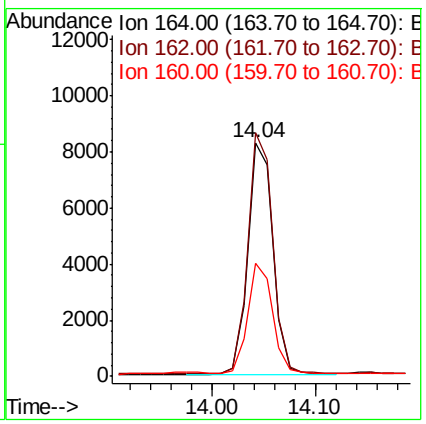


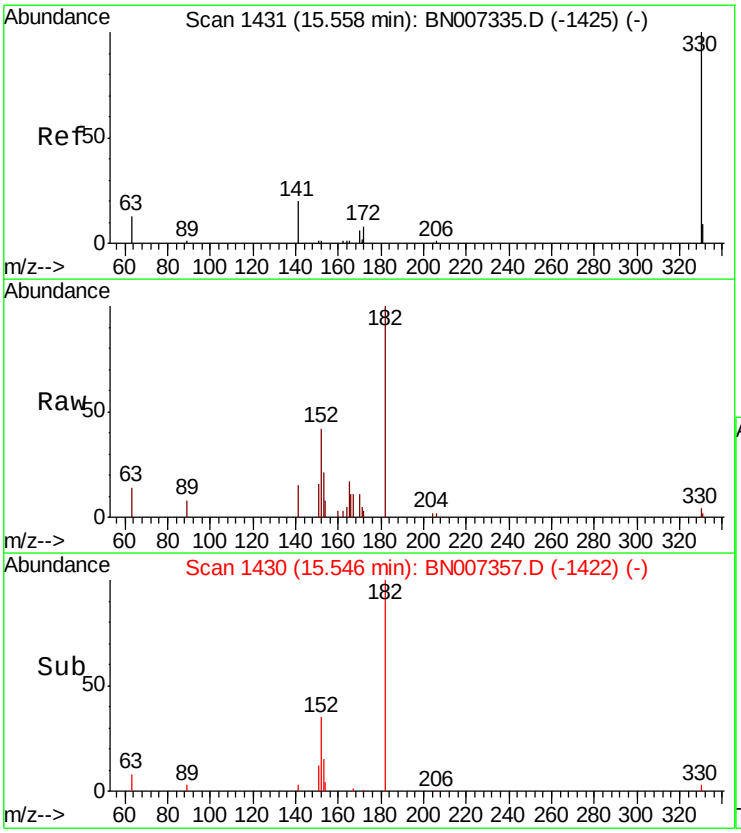
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:164 Resp: 13910

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.5	125.3
160	48.5	38.2	57.4

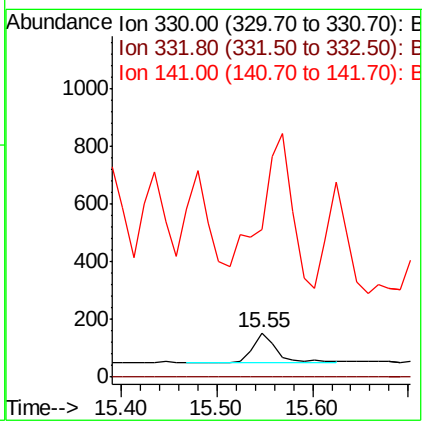


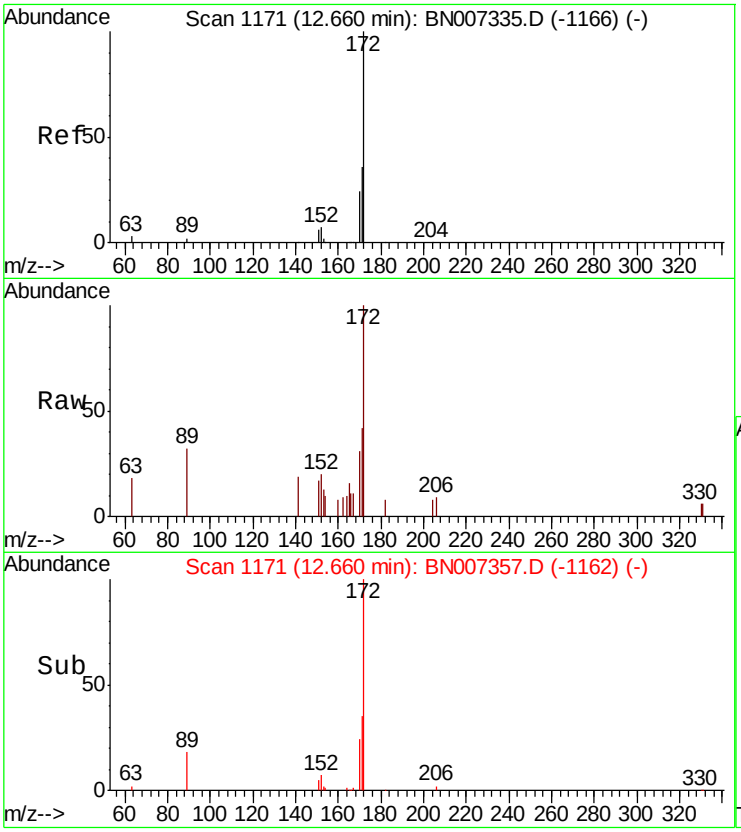


#14
2,4,6-Tribromophenol
Concen: 0.025 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:330 Resp: 179

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	26.9	40.3#



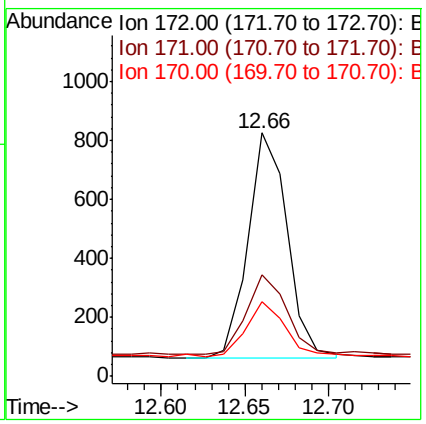


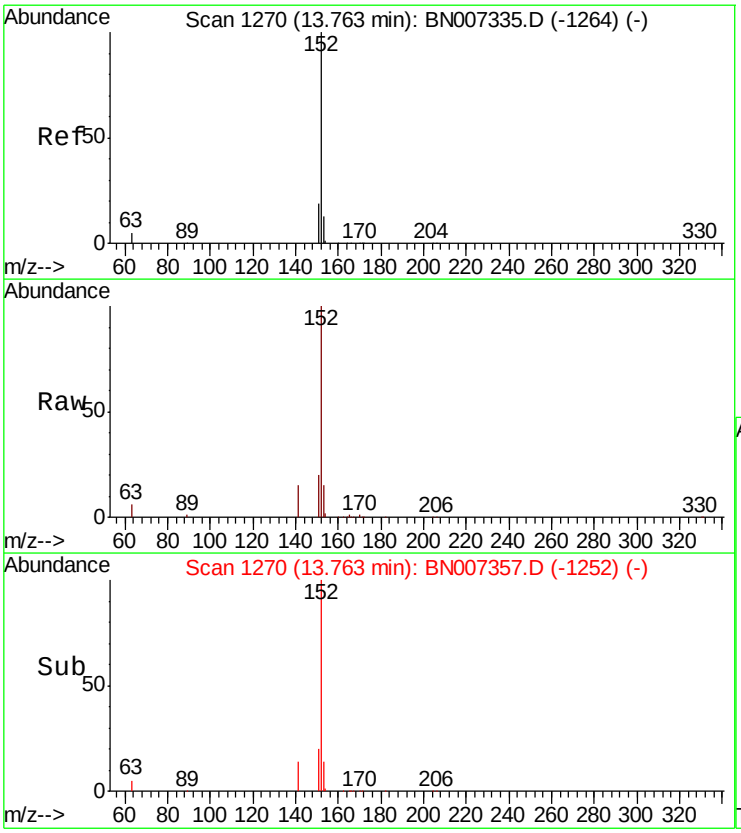
#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:172 Resp: 1252

Ion	Ratio	Lower	Upper
172	100		
171	41.8	30.3	45.5
170	30.5	20.7	31.1

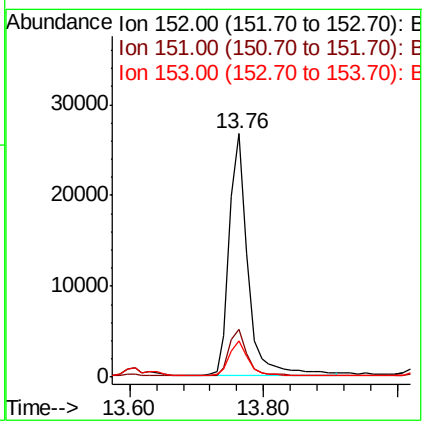


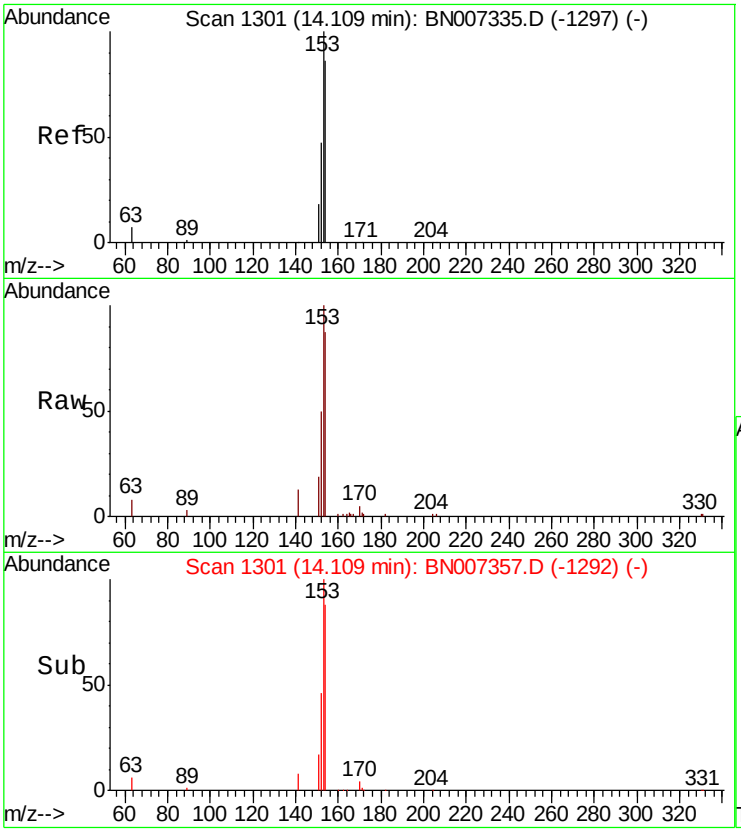


#16
Acenaphthylene
Concen: 0.614 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:152 Resp: 50568

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	14.7	10.6	15.8



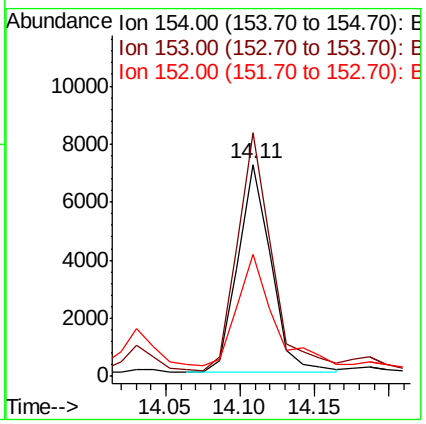


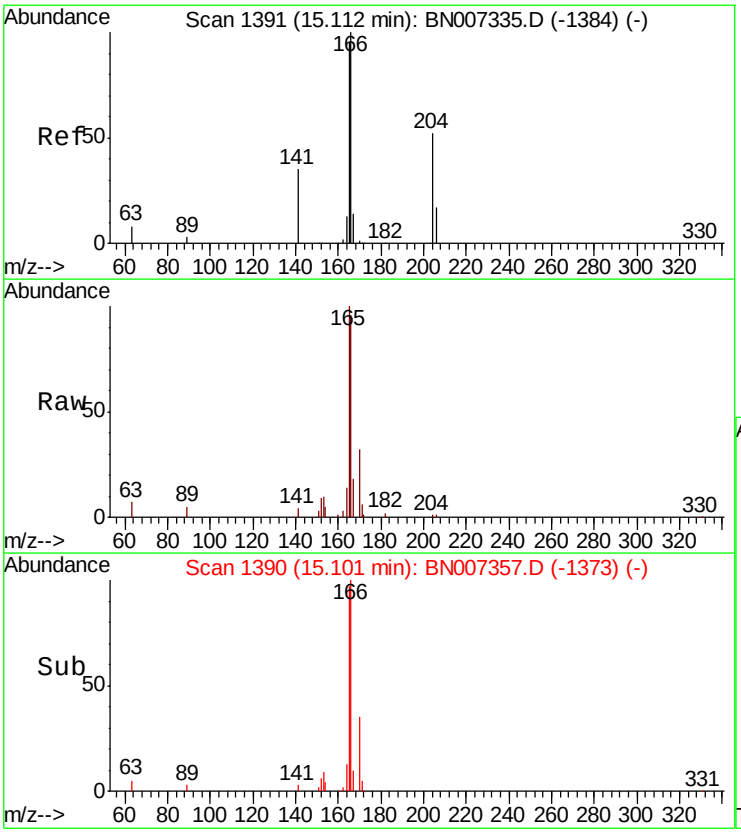
#17
Acenaphthene
Concen: 0.230 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:154 Resp: 11070

Ion	Ratio	Lower	Upper
154	100		
153	118.5	92.8	139.2
152	58.7	43.8	65.8

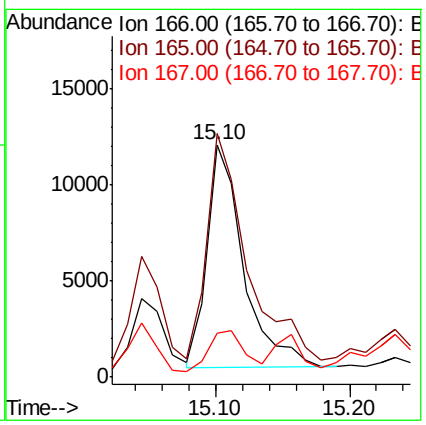


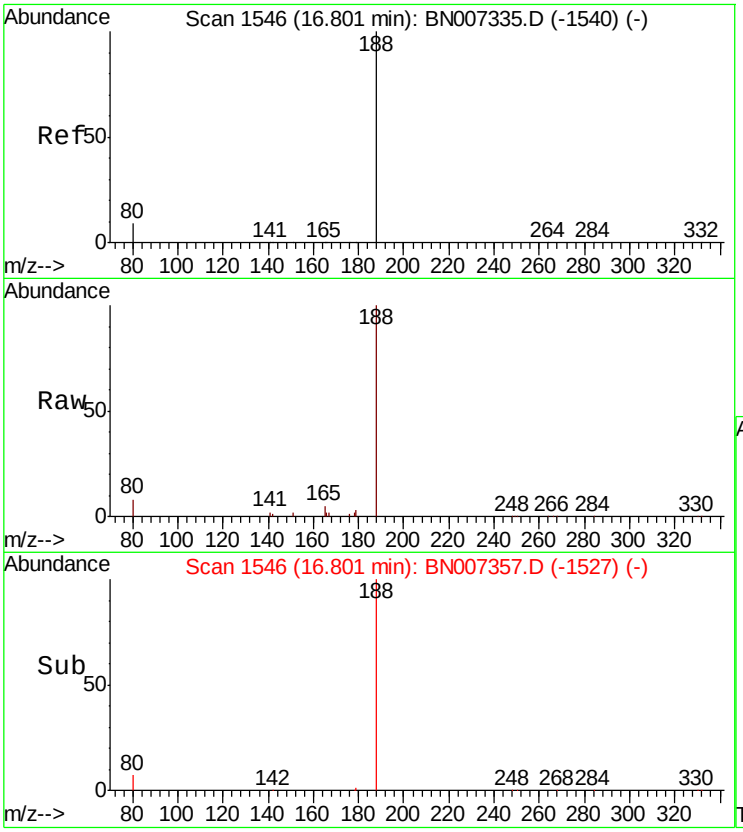


#18
Fluorene
Concen: 0.361 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:166 Resp: 21996

Ion	Ratio	Lower	Upper
166	100		
165	111.1	79.0	118.4
167	18.1	10.6	15.8#



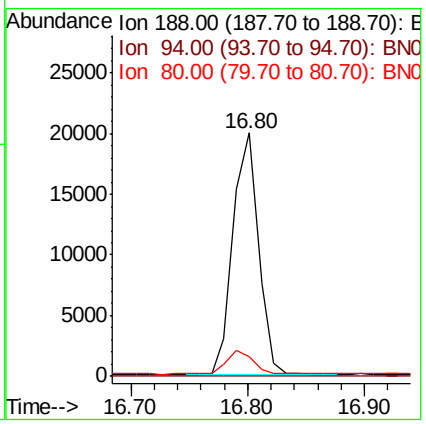


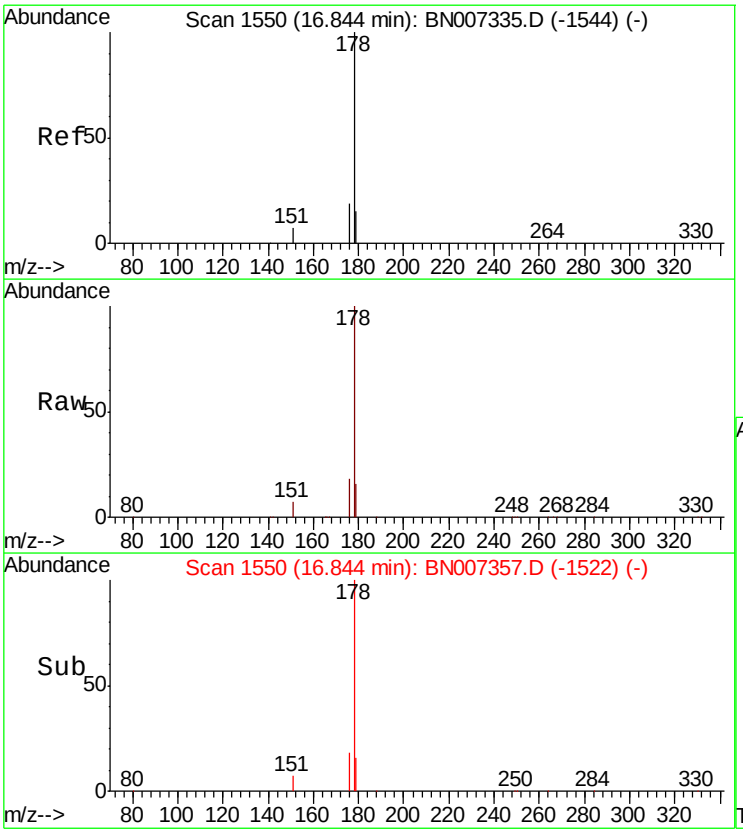
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:188 Resp: 30269

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	11.8	17.8#

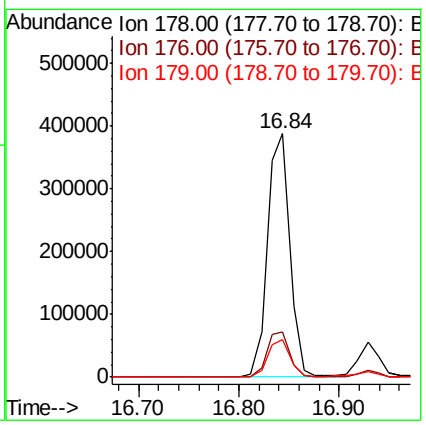


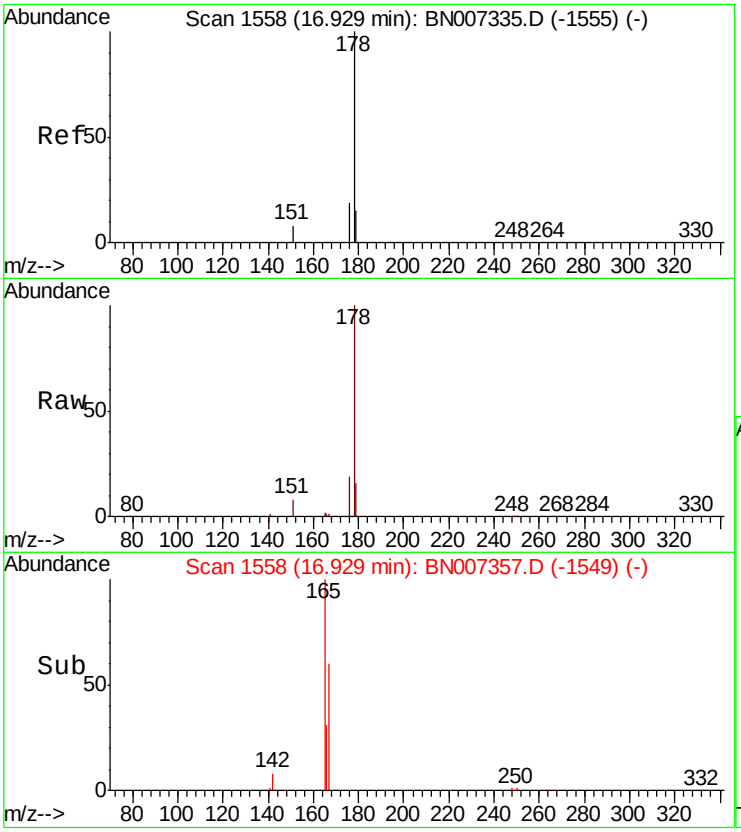


#23
Phenanthrene
Concen: 6.588 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:178 Resp: 599866

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0



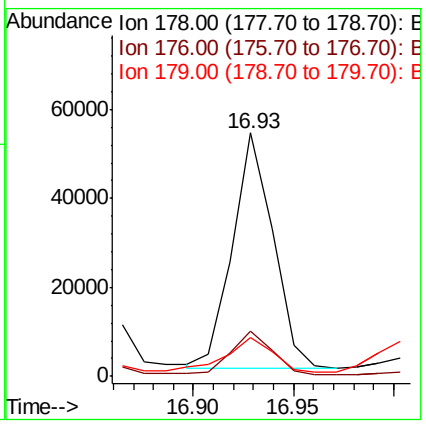


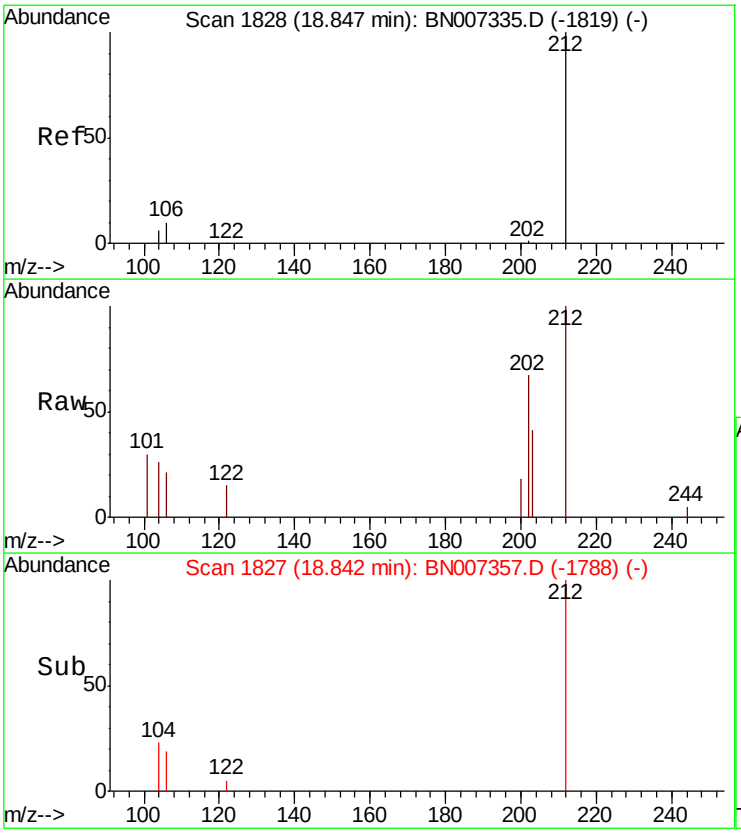
#24
Anthracene
Concen: 0.818 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:178 Resp: 74917

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	17.5	12.4	18.6

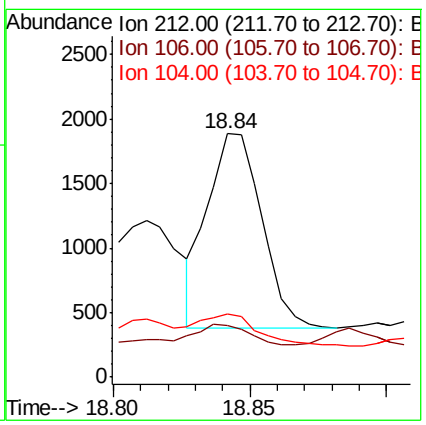


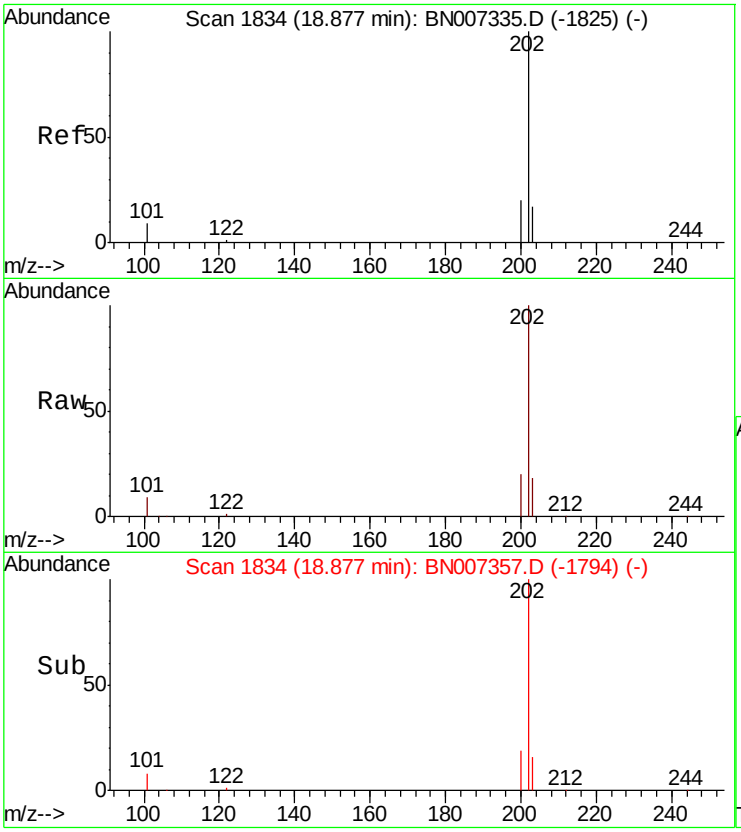


#25
Fluoranthene-d10
Concen: 0.021 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:212 Resp: 2093

Ion	Ratio	Lower	Upper
212	100		
106	16.8	9.0	13.4#
104	18.8	5.4	8.2#



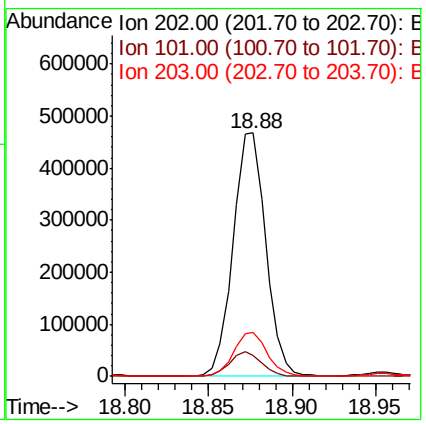


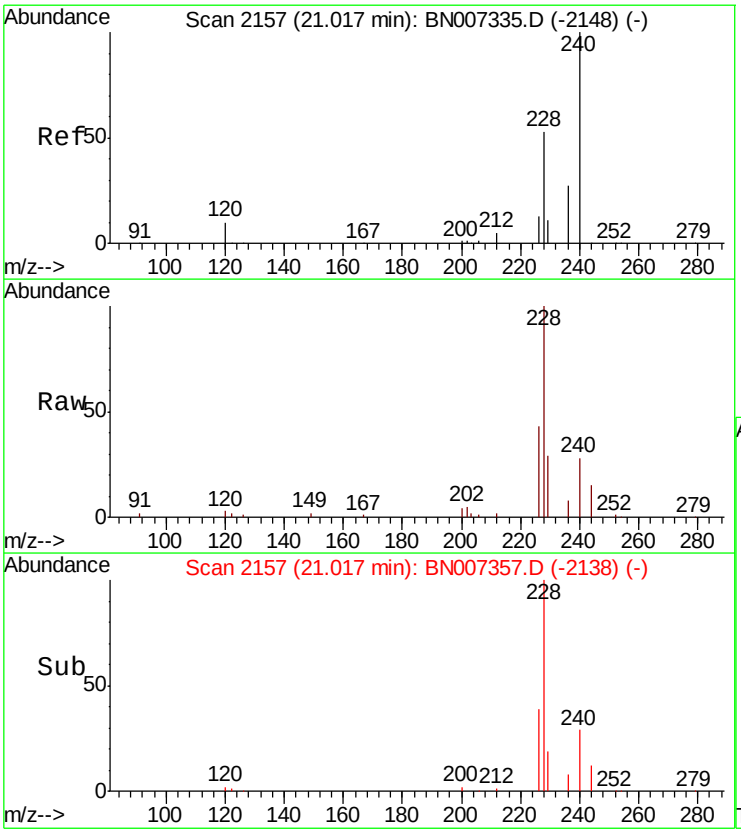
#26
Fluoranthene
Concen: 5.438 ng
RT: 18.88 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:202 Resp: 635663

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	18.0	13.7	20.5

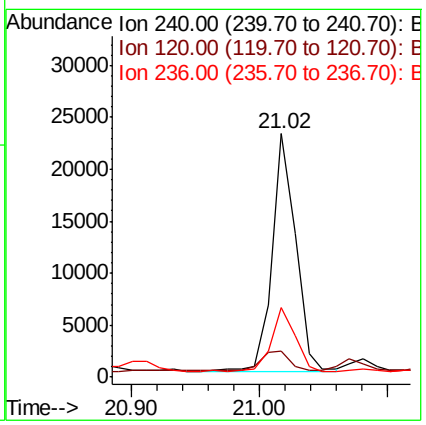


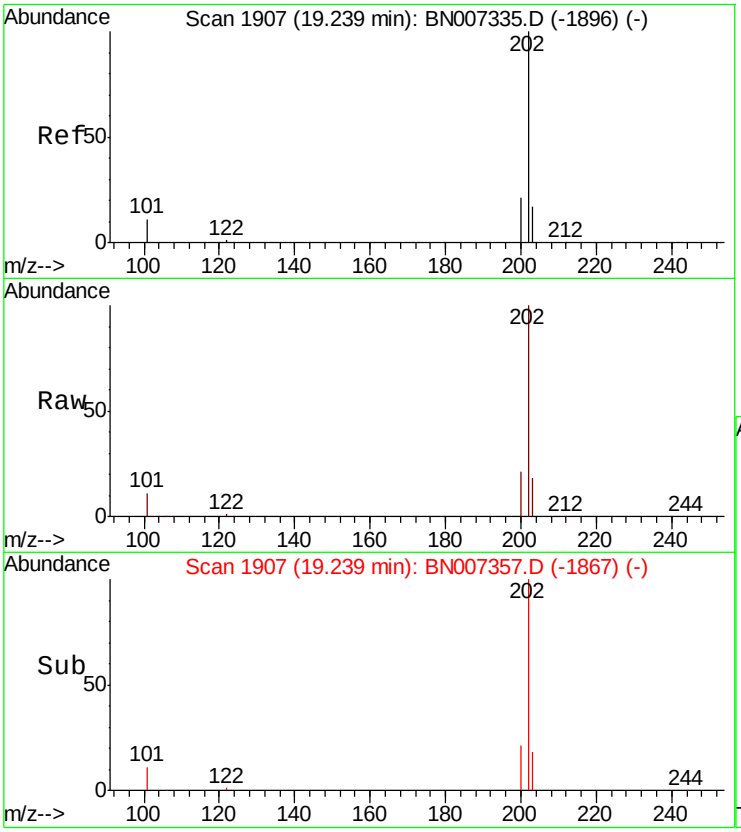


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:240 Resp: 29423

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	28.6	22.2	33.2



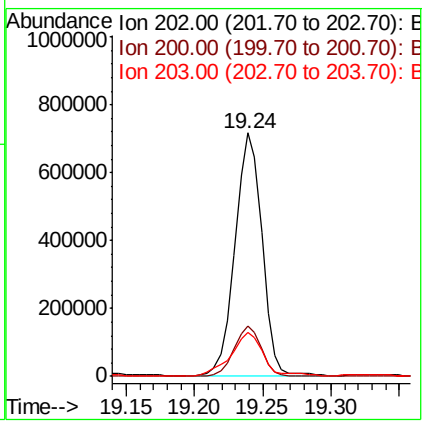


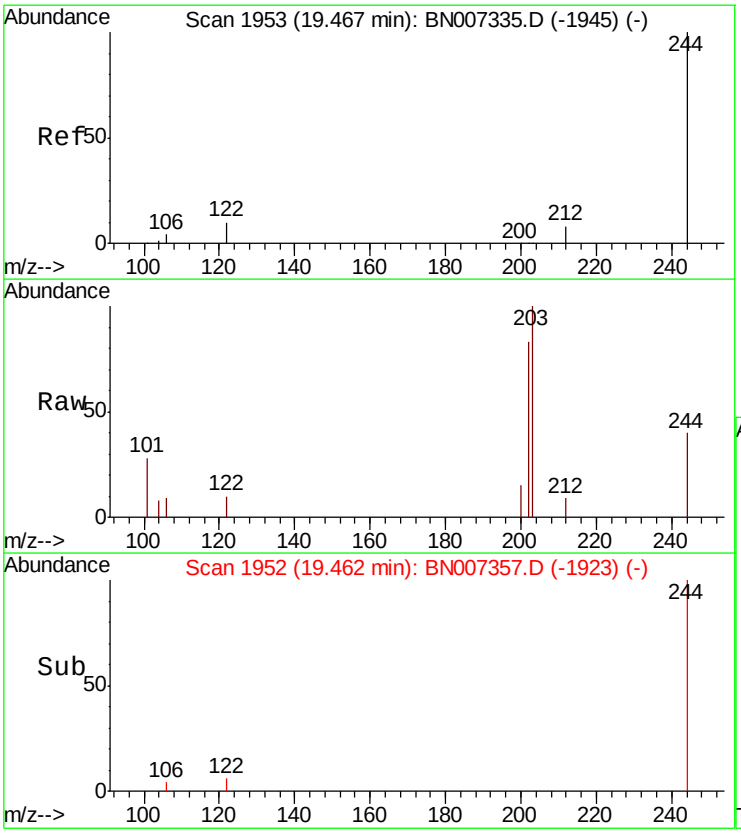
#28
Pyrene
Concen: 8.273 ng
RT: 19.24 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:202 Resp: 979234

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	20.5	14.2	21.4

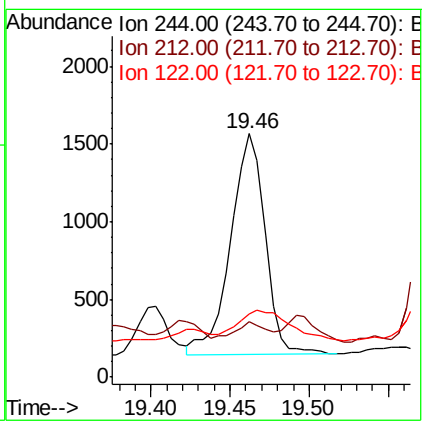


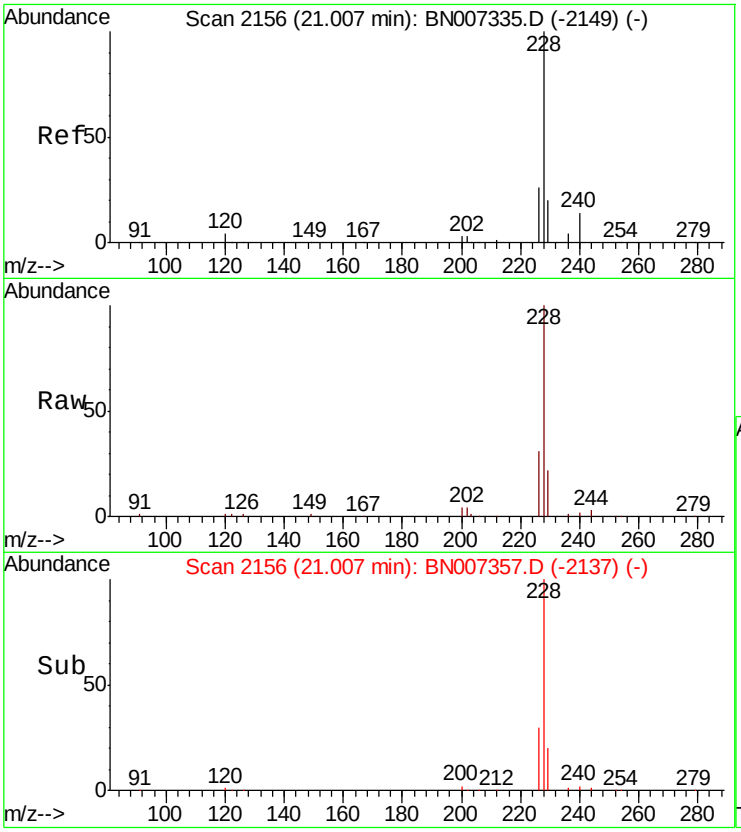


#29
Terphenyl-d14
Concen: 0.028 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:244 Resp: 2156

Ion	Ratio	Lower	Upper
244	100		
212	22.7	7.0	10.6#
122	26.1	9.6	14.4#



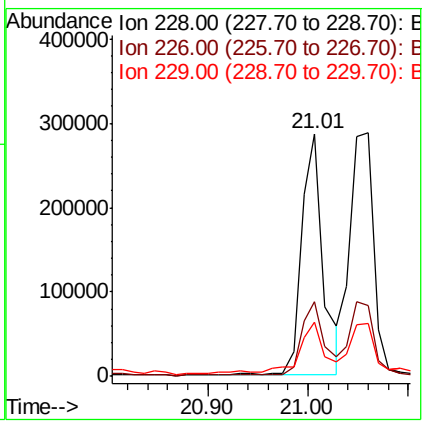


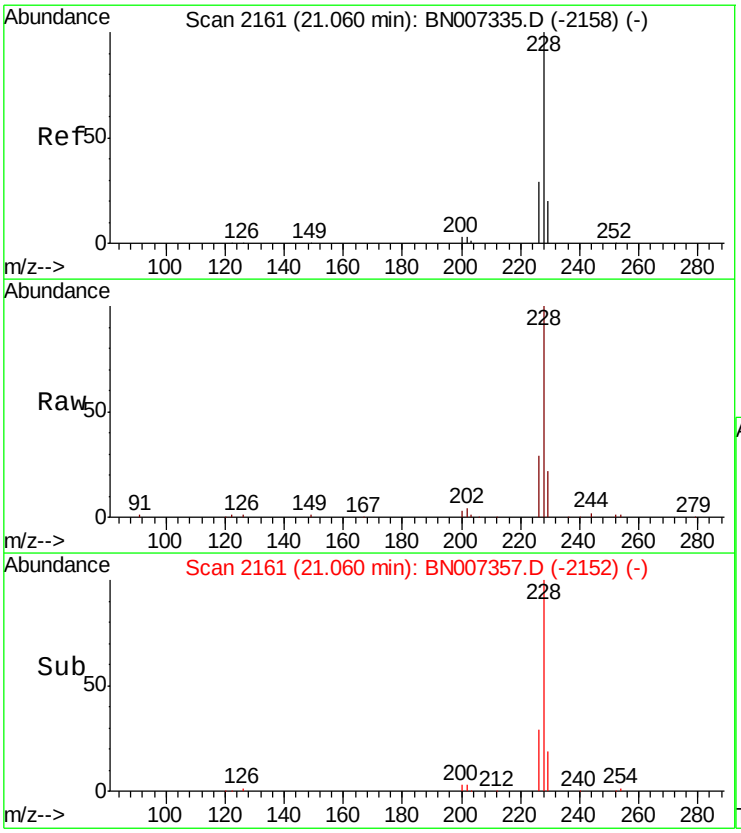
#30
Benzo(a)anthracene
Concen: 3.750 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:228 Resp: 433266

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.3	31.9
229	22.5	16.1	24.1

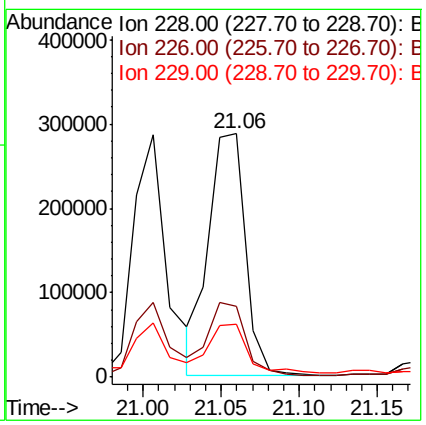


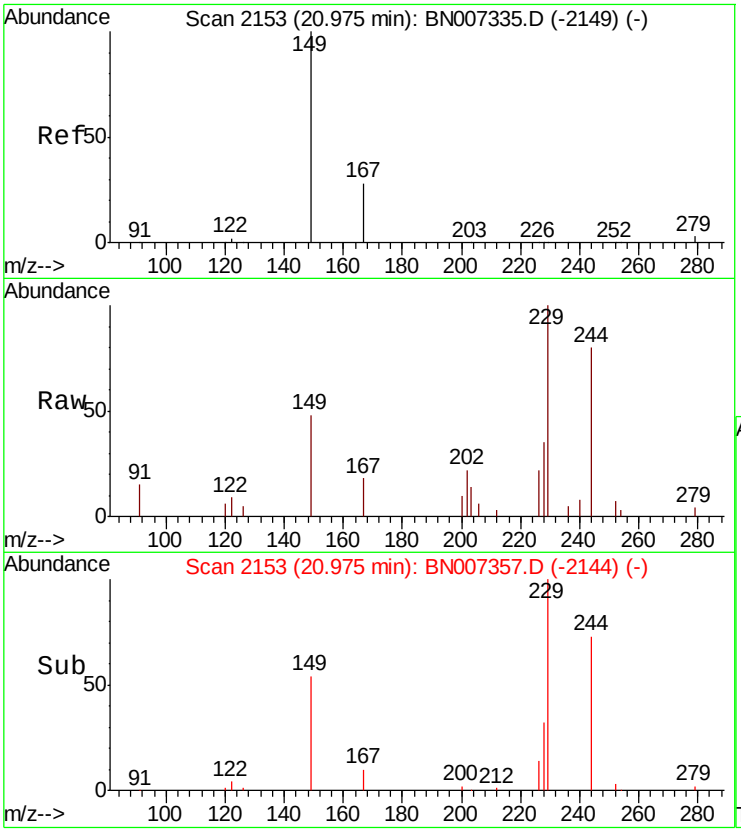


#31
Chrysene
Concen: 4.197 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:228 Resp: 468079

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	22.0	16.6	24.8



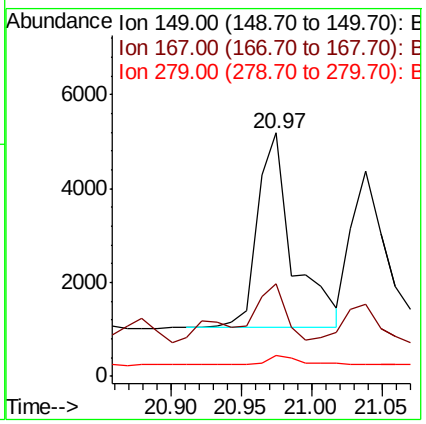


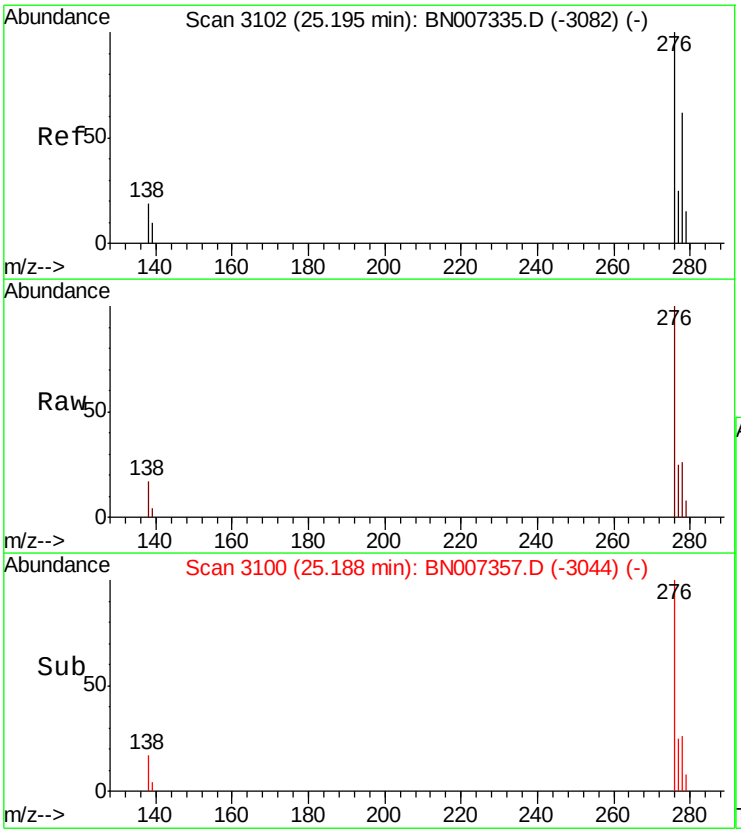
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.077 ng
RT: 20.97 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:149 Resp: 7191

Ion	Ratio	Lower	Upper
149	100		
167	39.9	22.8	34.2#
279	3.9	3.5	5.3

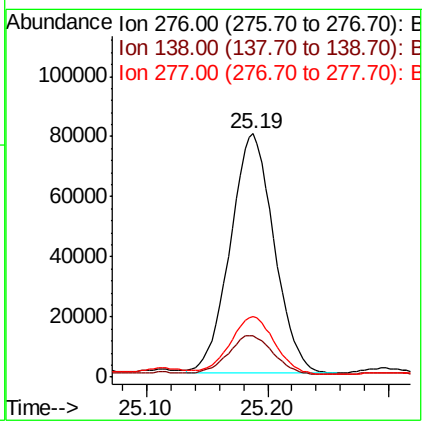


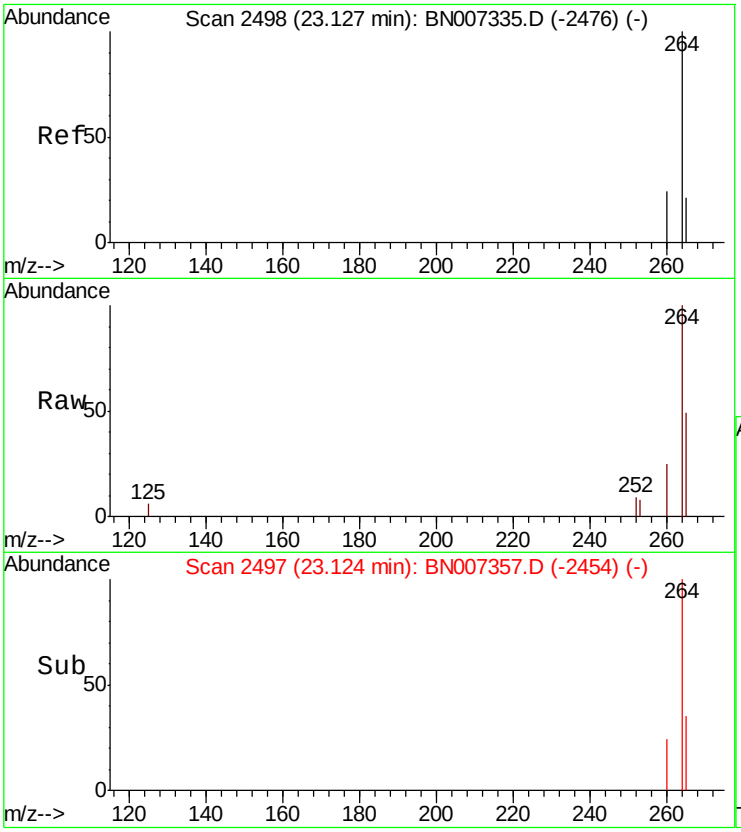


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.488 ng
RT: 25.19 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:276 Resp: 199981

Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
277	24.9	19.7	29.5



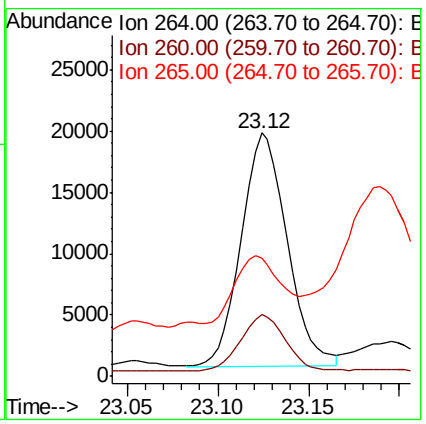


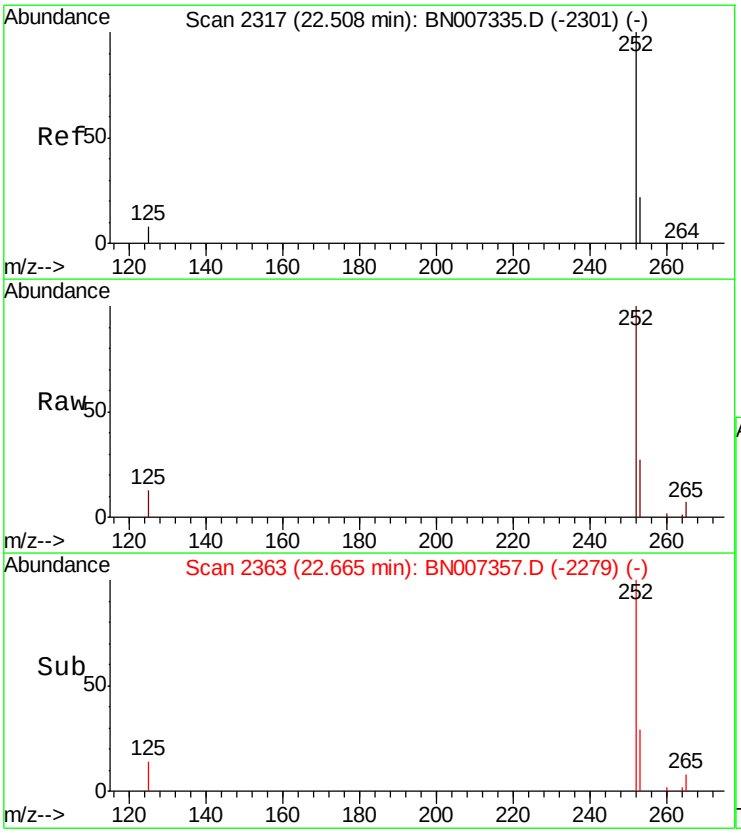
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:264 Resp: 33657

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	48.6	29.9	44.9#

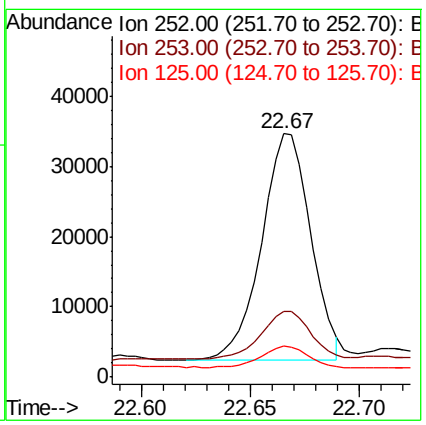


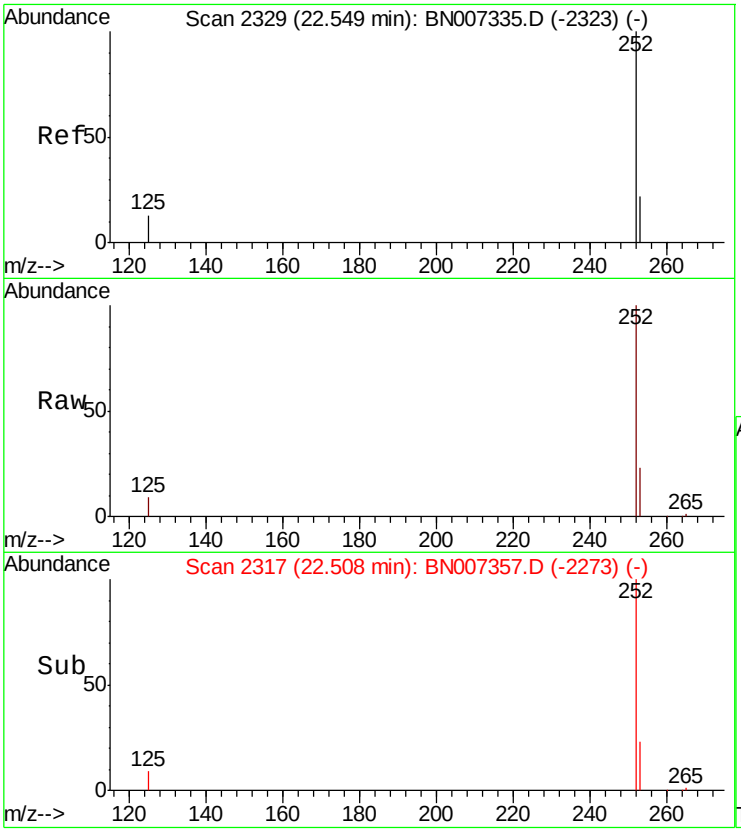


#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.67 min Scan# 2363
Delta R.T. 0.16 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:252 Resp: 50141

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.2	28.8
125	12.7	10.6	16.0



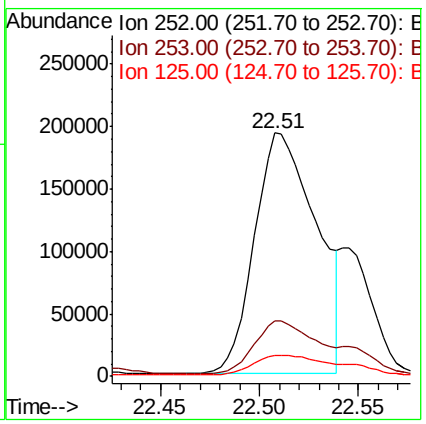


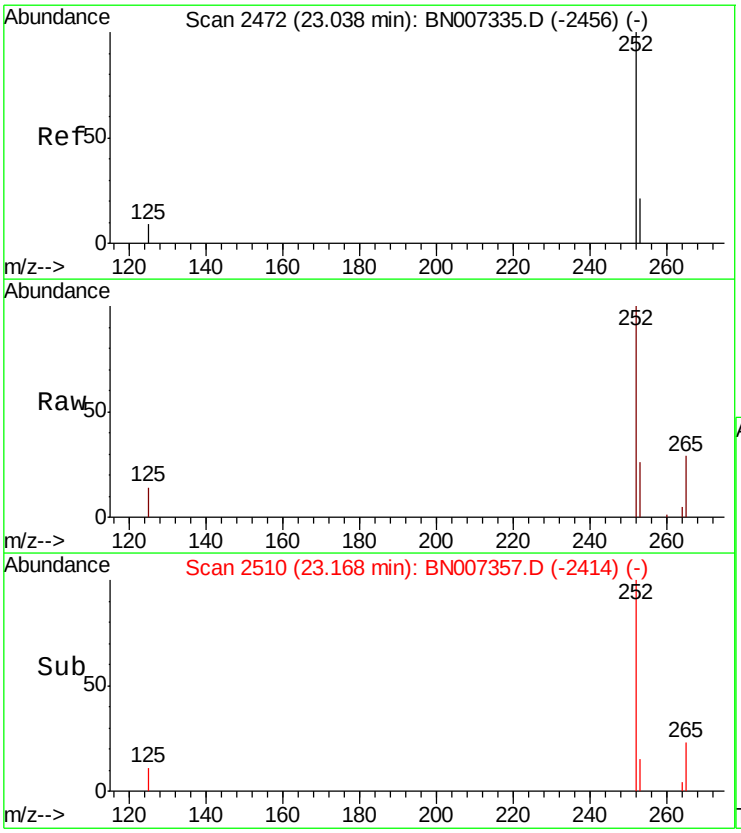
#36
Benzo(k)fluoranthene
Concen: 3.475 ng
RT: 22.51 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:252 Resp: 418819

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.4	29.2
125	8.6	13.1	19.7#

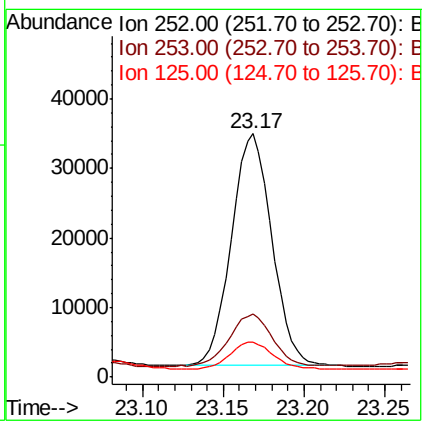


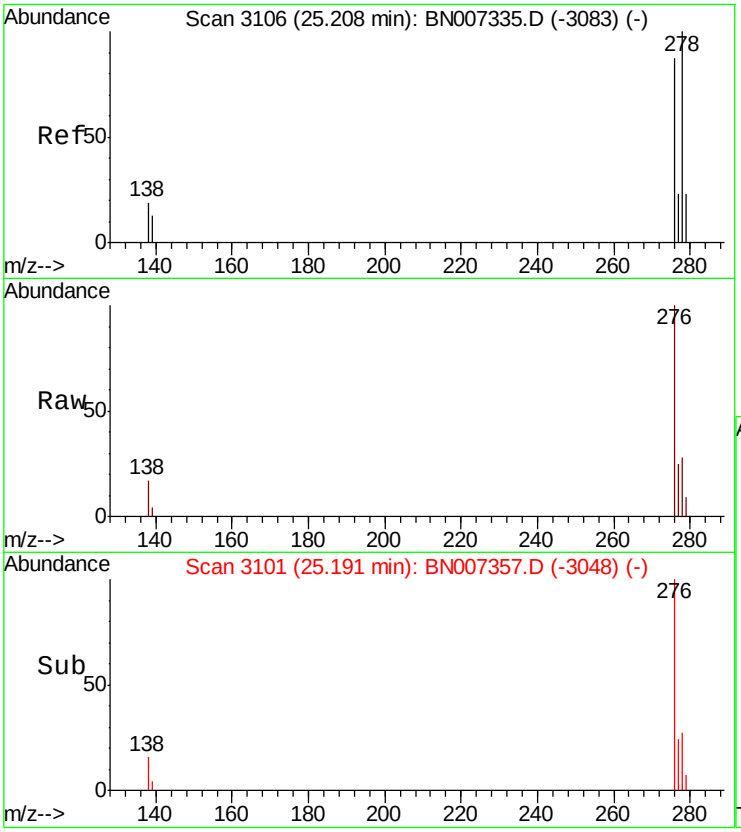


#37
Benzo(a)pyrene
Concen: 0.501 ng
RT: 23.17 min Scan# 2510
Delta R.T. 0.13 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:252 Resp: 58153

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.5	29.3
125	14.4	12.1	18.1



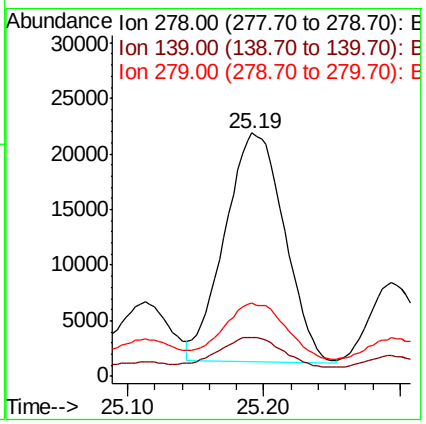


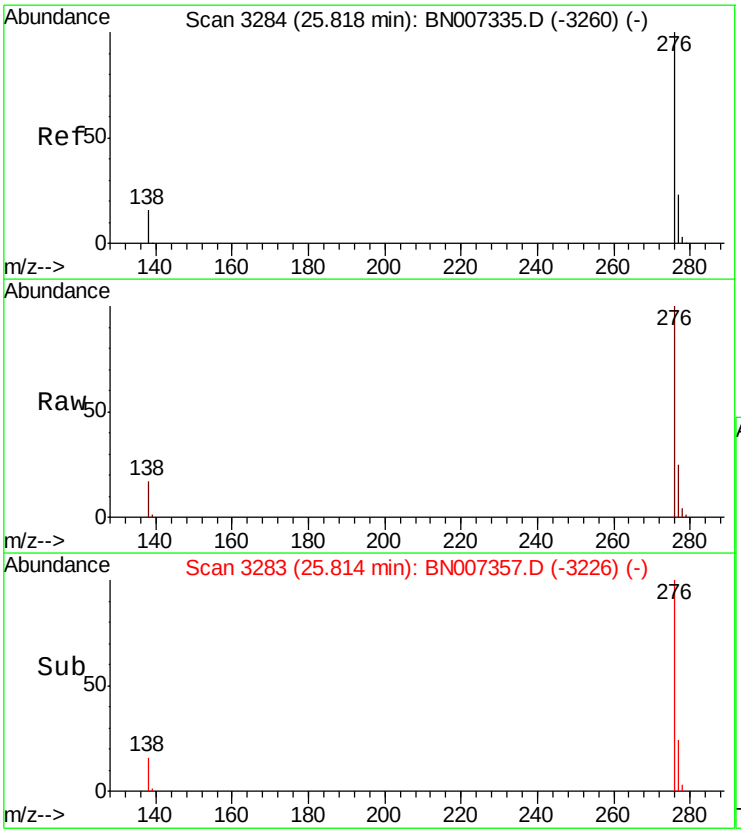
#38
Dibenzo(a,h)anthracene
Concen: 0.541 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Instrument :
BNA_N
ClientSampleId :
EXT-034-SW091-080519-1DL

Tgt Ion:278 Resp: 62638

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.7	20.5
279	30.2	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 2.045 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BN007357.D
Acq: 24 Aug 2019 09:26

Tgt Ion:276 Resp: 235981

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.6	29.4
138	17.1	16.3	24.5