Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007362.D
Acq On : 24 Aug 2019 14:19
Operator : HP/JU
Sample : K4441-09DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S700-N-0.0-0.5-082019DL2

Quant Time: Aug 24 23:40:47 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	5246	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	22161	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	12276	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	26763	0.40	ng		0.00
27) Chrysene-d12	21.02	240	27396	0.40	ng		0.00
34) Perylene-d12	23.12	264	29137	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	63	-0.03	ng		0.00
5) Phenol-d6	6.60	99	101	-0.03	ng		0.00
8) Nitrobenzene-d5	8.53	82	103	0.01	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	141	0.00	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	31	0.00	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	185	0.00	ng		0.00
25) Fluoranthene-d10	18.84	212	290	0.00	ng		0.00
29) Terphenyl-d14	19.45	244	535	0.01	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.20	128	21686	0.342	ng	#	90
12) 2-Methylnaphthalene	11.84	142	9474	0.220	ng		98
16) Acenaphthylene	13.76	152	2267	0.031	ng	#	93
17) Acenaphthene	14.11	154	55339	1.302	ng		99
18) Fluorene	15.10	166	75370	1.402	ng		98
23) Phenanthrene	16.84	178	915297	11.370	ng		99
24) Anthracene	16.93	178	160780	1.986	ng	#	93
26) Fluoranthene	18.88	202	988153	9.560	ng		99
28) Pyrene	19.24	202	775597	7.038	ng	#	95
30) Benzo(a)anthracene	21.00	228	374124	3.477	ng		98
31) Chrysene	21.05	228	314508	3.028	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	2910	0.023	ng	#	84
33) Indeno(1,2,3-cd)pyrene	25.18	276	186178	1.488	ng		97
35) Benzo(b)fluoranthene	22.66	252	38863	0.368	ng		93
36) Benzo(k)fluoranthene	22.51	252	396219	3.797	ng	#	91
37) Benzo(a)pyrene	23.16	252	76061	0.757	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	45951	0.458	ng		95
39) Benzo(g,h,i)perylene	25.81	276	184336	1.846	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
Data File : BN007362.D
Acq On : 24 Aug 2019 14:19
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Sample : K4441-09DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Quant Time: Aug 24 23:40:47 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
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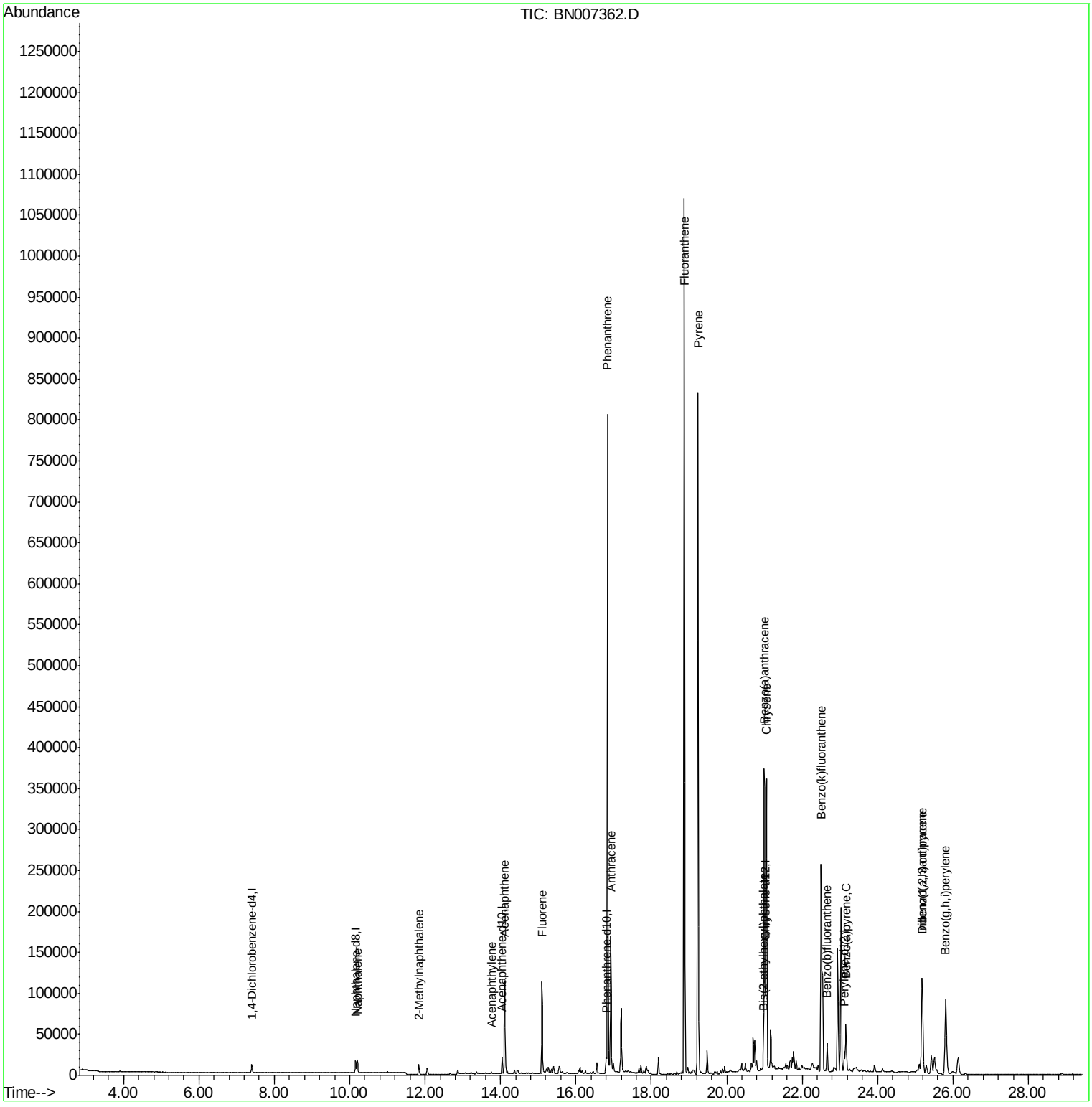
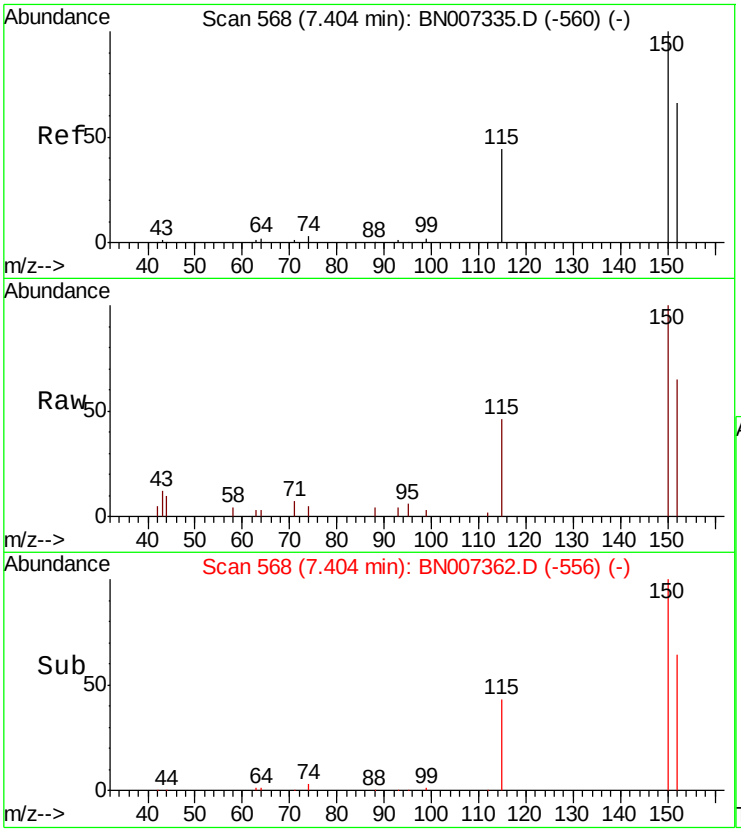


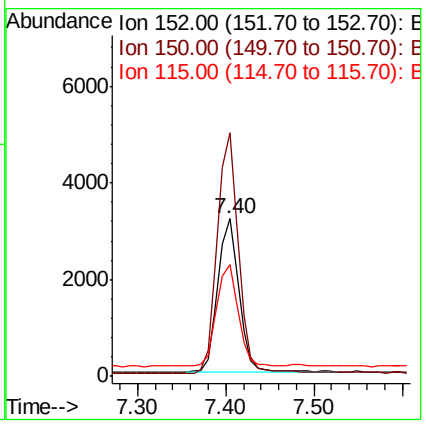


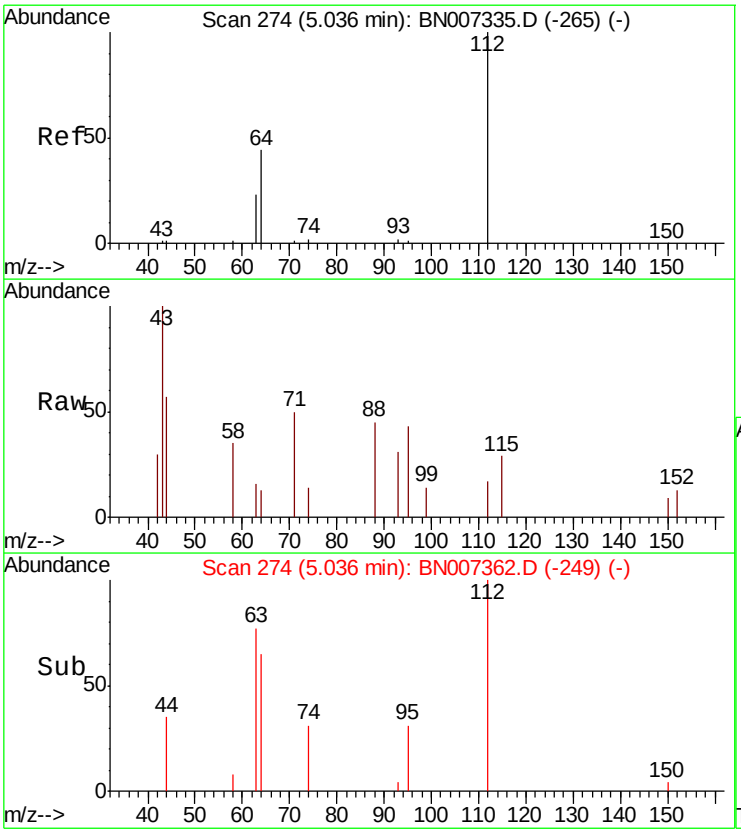
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:152 Resp: 5246

Ion	Ratio	Lower	Upper
152	100		
150	154.7	109.1	163.7
115	71.2	59.6	89.4

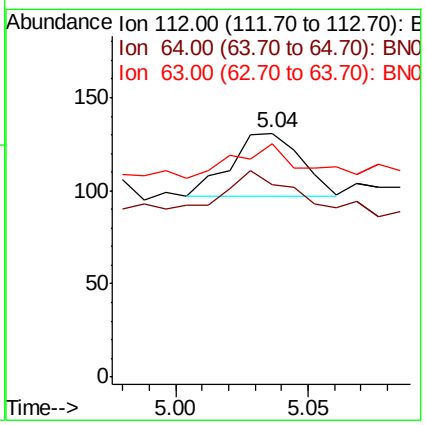


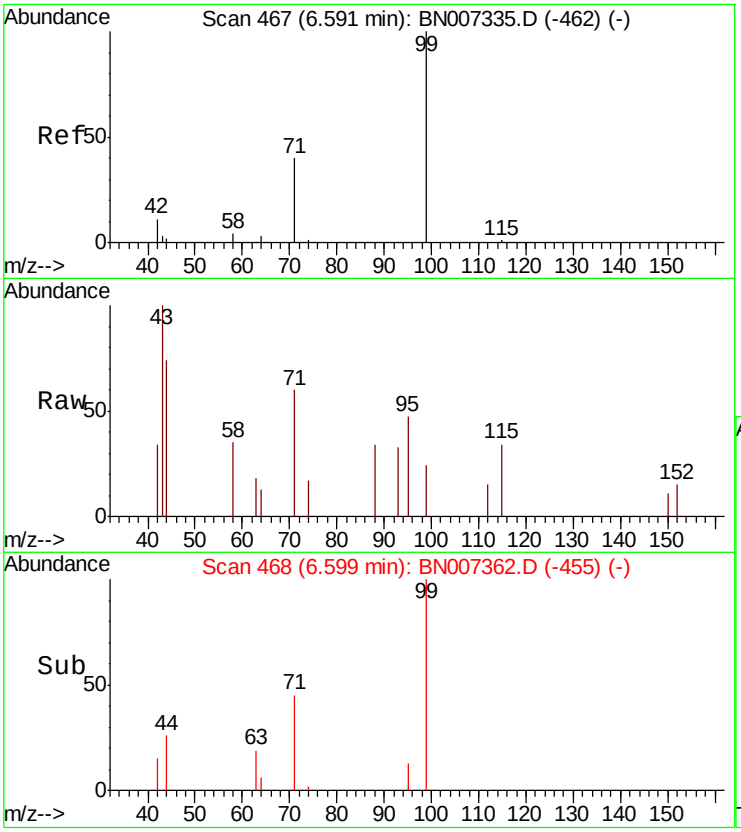


#4
2-Fluorophenol
Concen: -0.026 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:112 Resp: 63

Ion	Ratio	Lower	Upper
112	100		
64	82.5	42.3	63.5#
63	63.5	23.6	35.4#



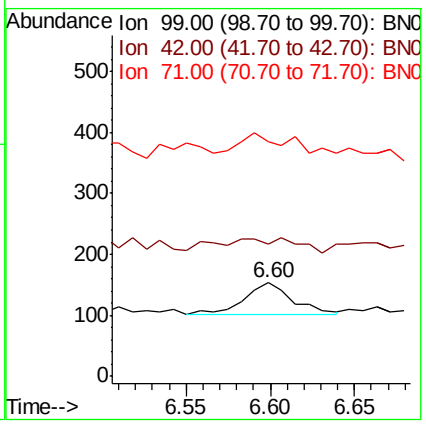


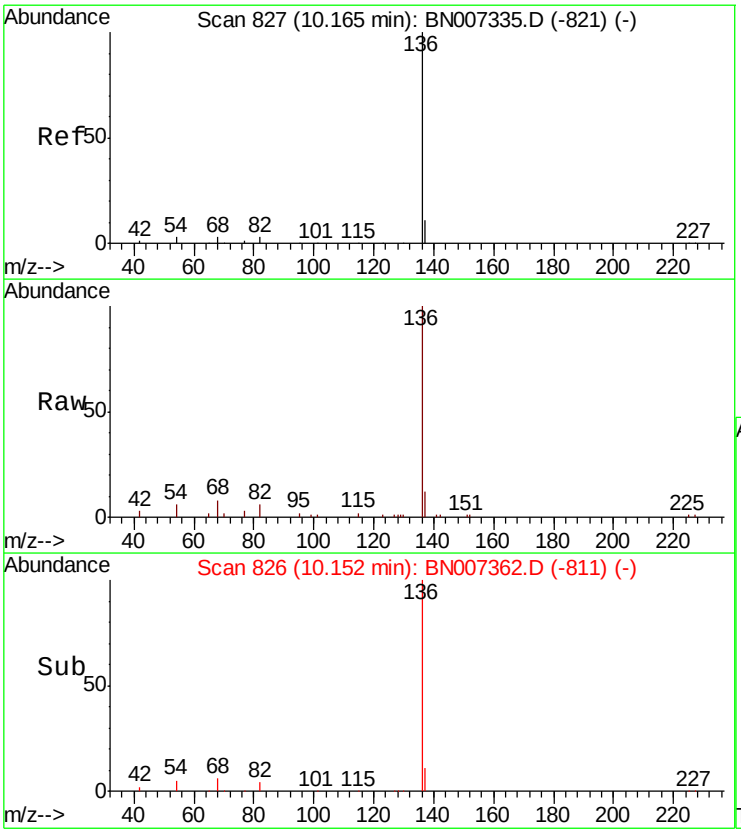
#5
Phenol-d6
Concen: -0.028 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion: 99 Resp: 101

Ion	Ratio	Lower	Upper
99	100		
42	40.6	11.2	16.8#
71	73.3	31.8	47.8#

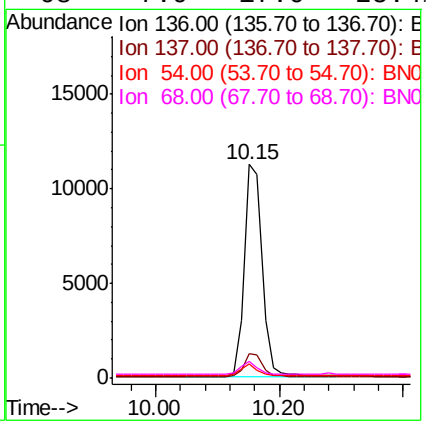


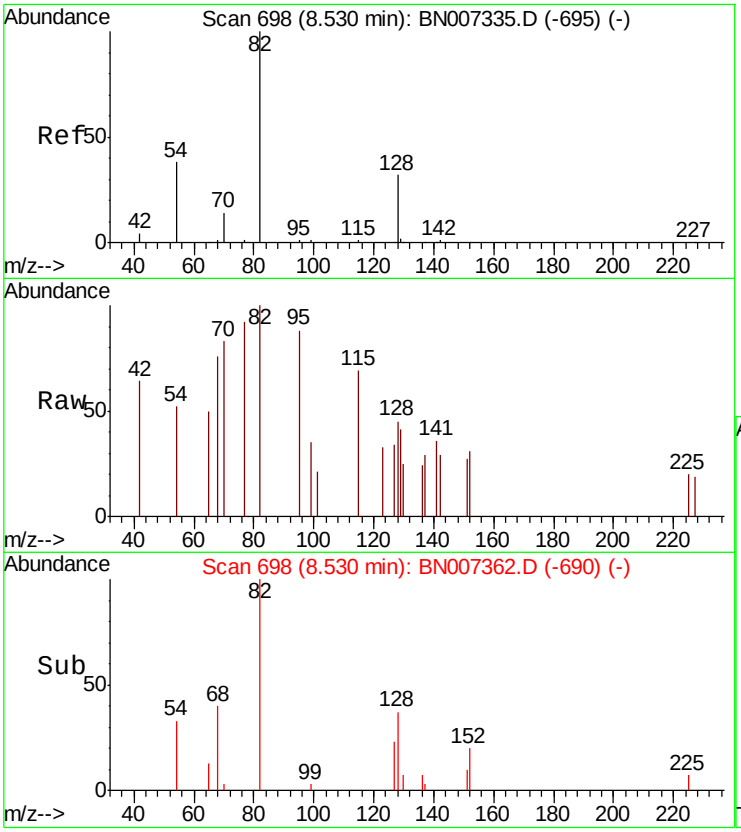


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:136 Resp: 22161

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	6.4	8.6	12.8#
68	7.9	17.0	25.4#



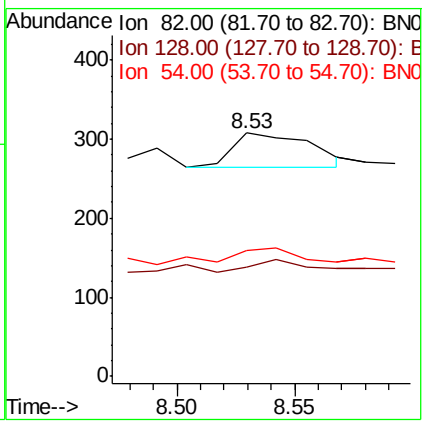


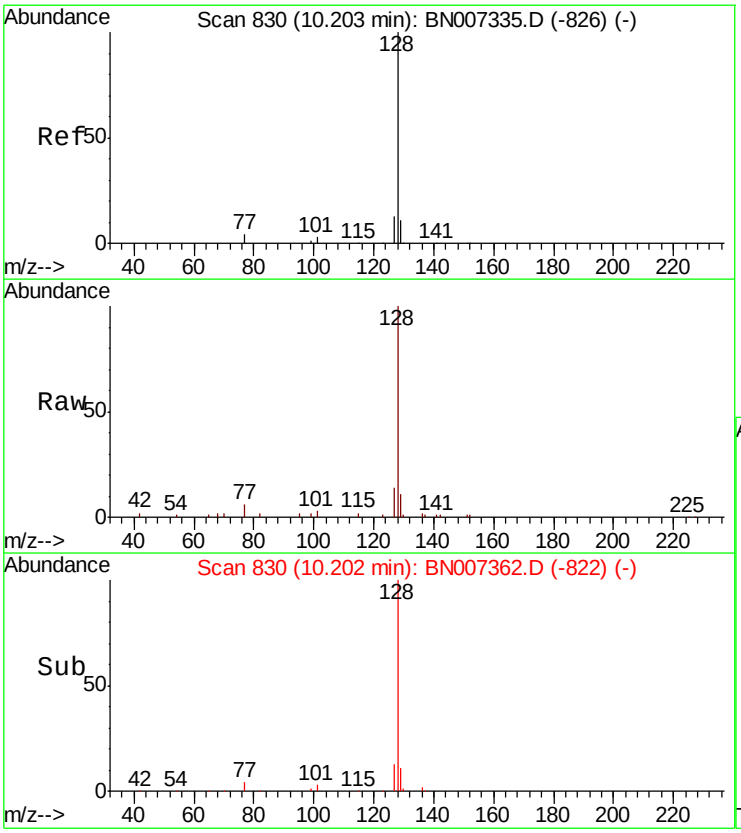
#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion: 82 Resp: 103

Ion	Ratio	Lower	Upper
82	100		
128	44.8	19.7	29.5#
54	51.9	25.8	38.6#

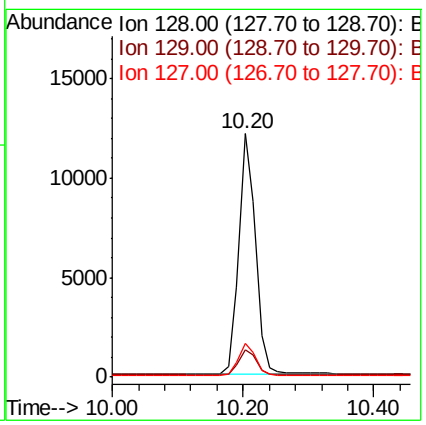


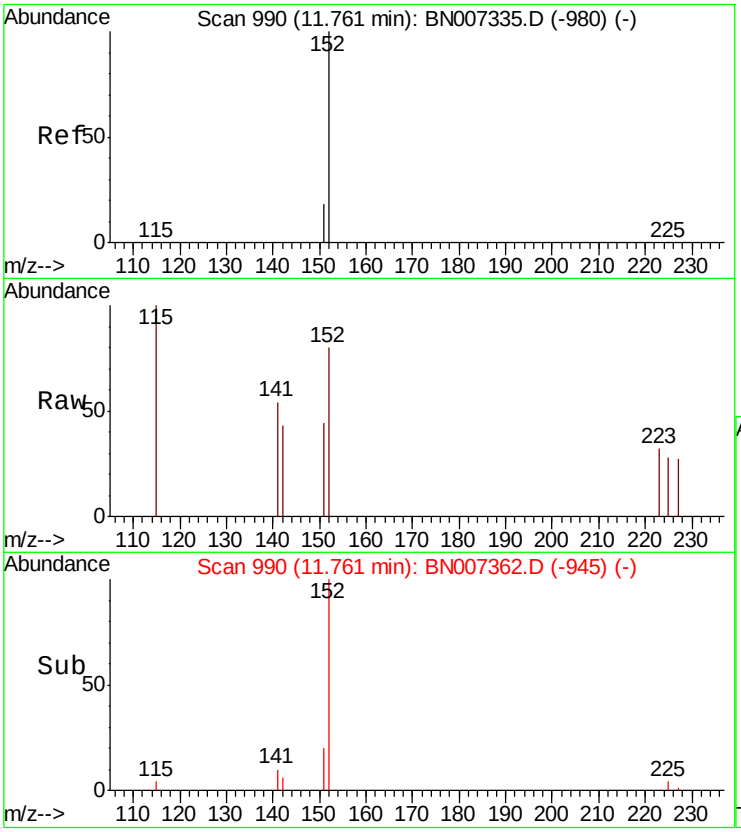


#9
Naphthalene
Concen: 0.342 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:128 Resp: 21686

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.1	16.7
127	13.7	15.5	23.3#



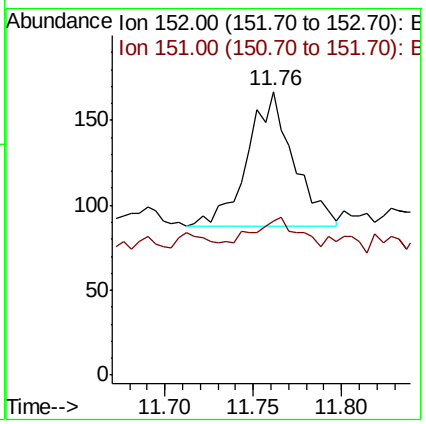


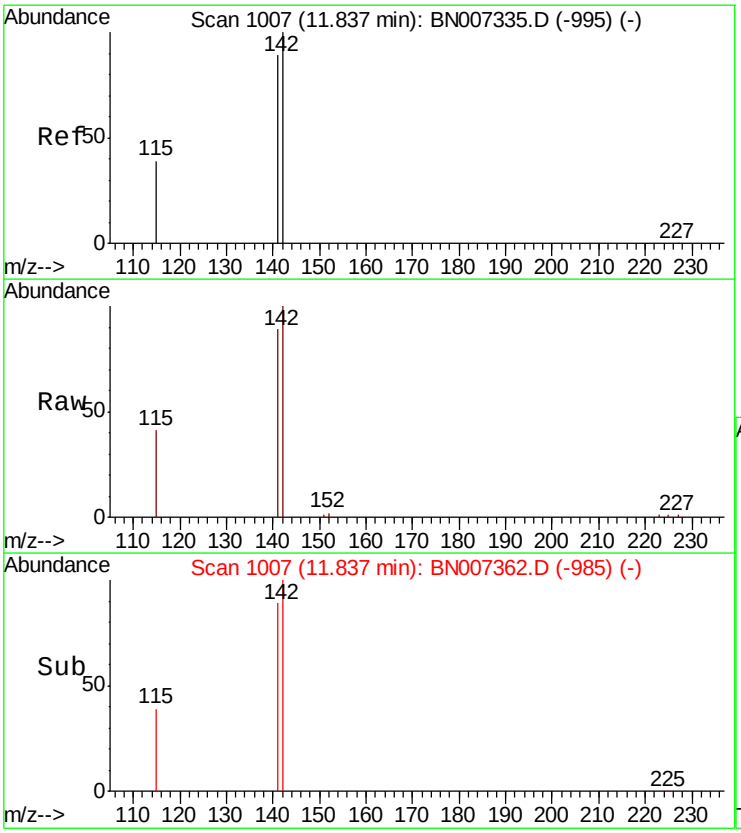
#11
2-Methylnaphthalene-d10
Concen: 0.004 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:152 Resp: 141

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.2

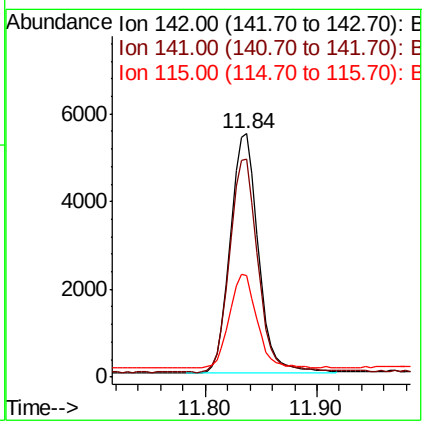


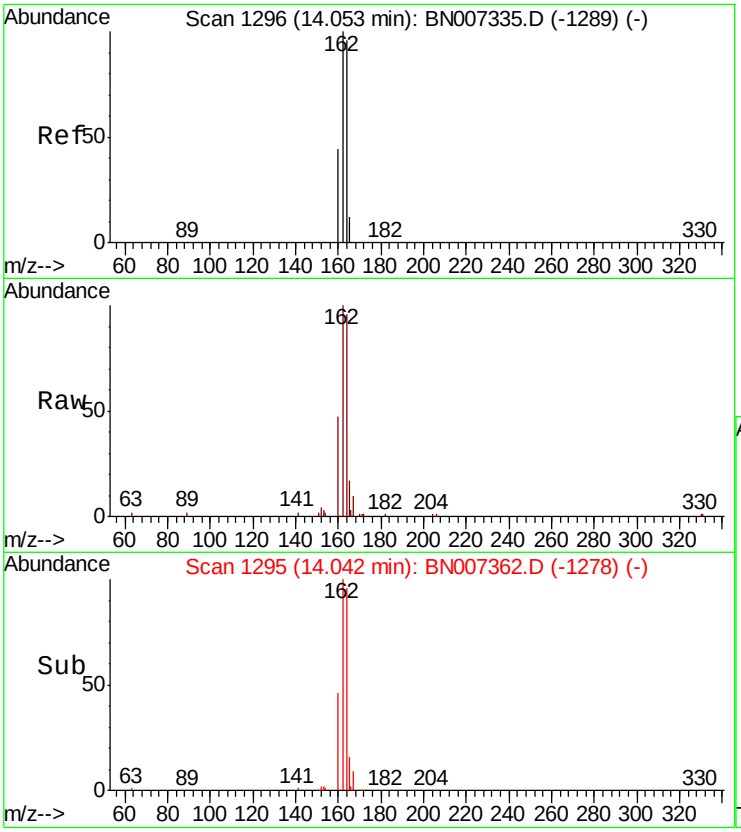


#12
2-Methylnaphthalene
Concen: 0.220 ng
RT: 11.84 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:142 Resp: 9474

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.8	109.2
115	41.5	35.2	52.8



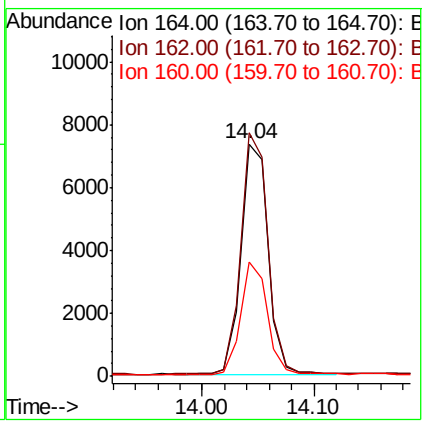


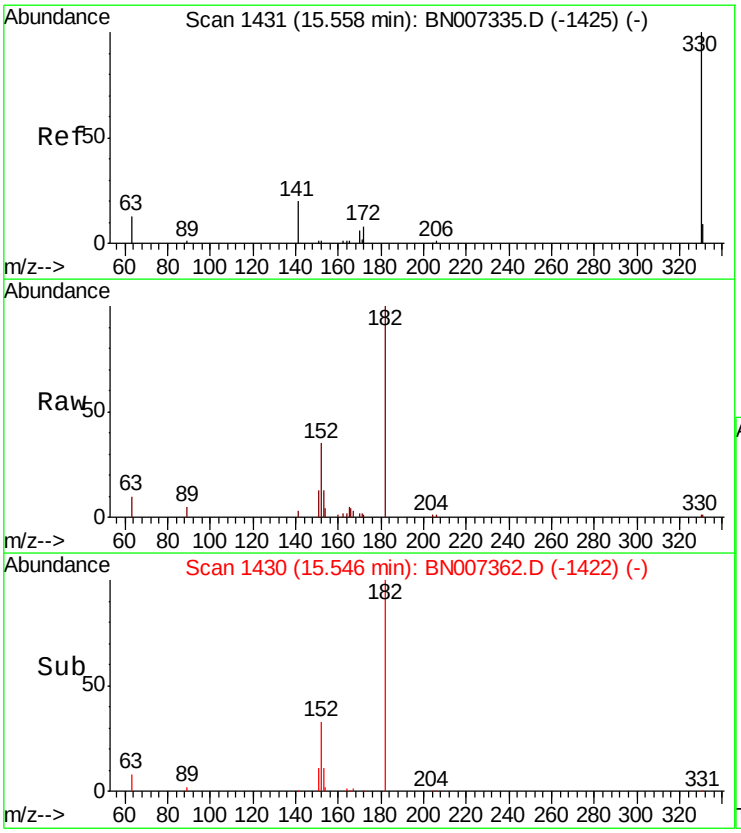
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:164 Resp: 12276

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	48.9	38.2	57.4

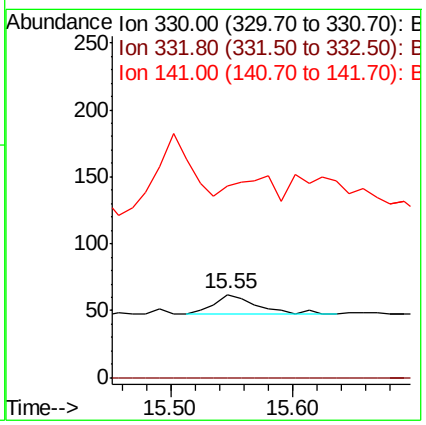


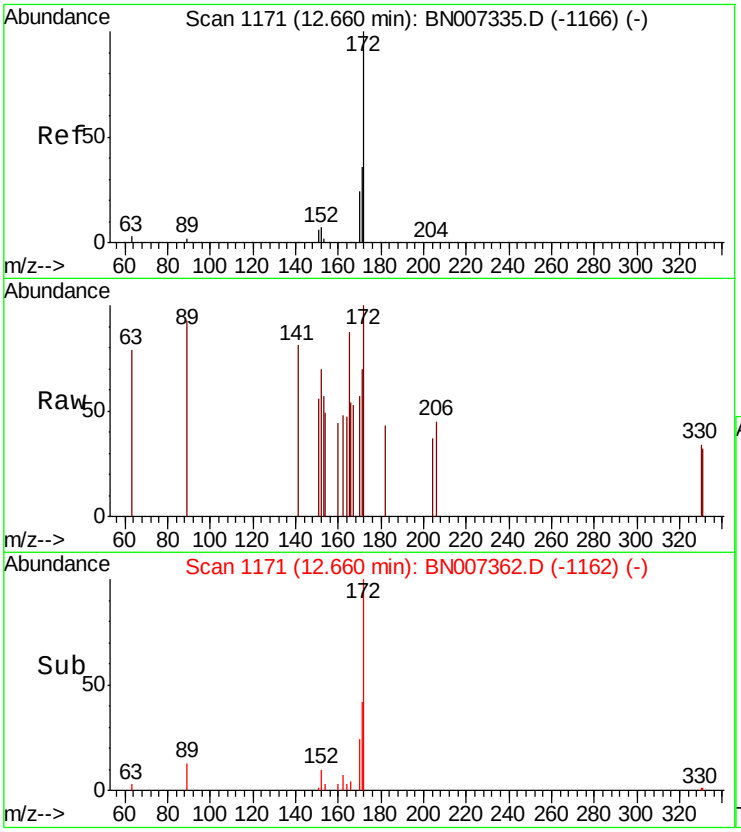


#14
2,4,6-Tribromophenol
Concen: 0.005 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:330 Resp: 31

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



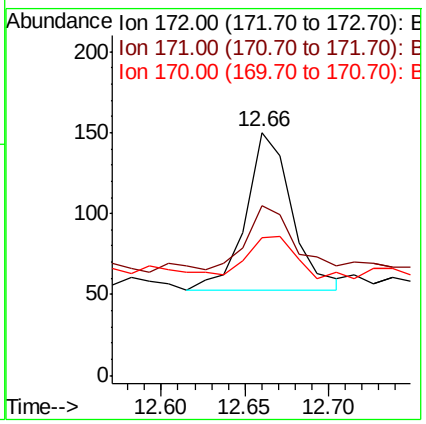


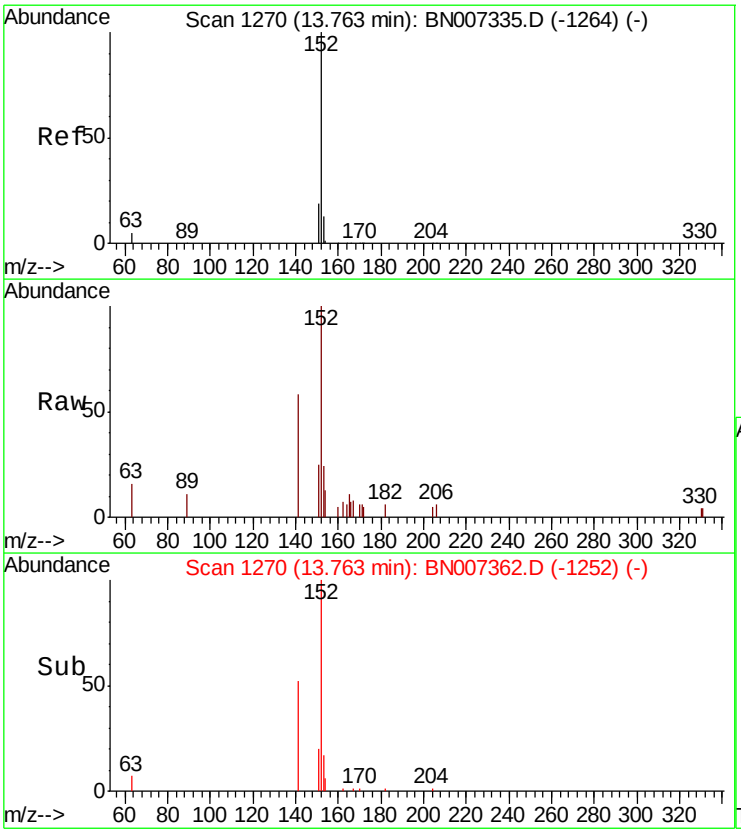
#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:172 Resp: 185

Ion	Ratio	Lower	Upper
172	100		
171	70.0	30.3	45.5#
170	56.7	20.7	31.1#

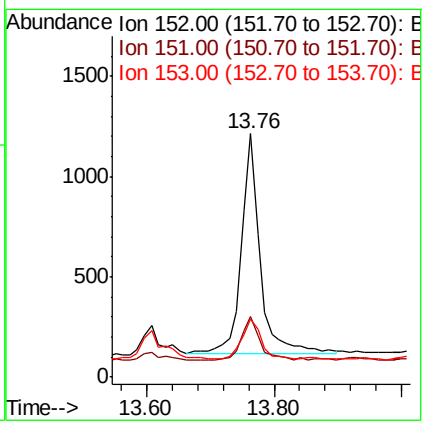


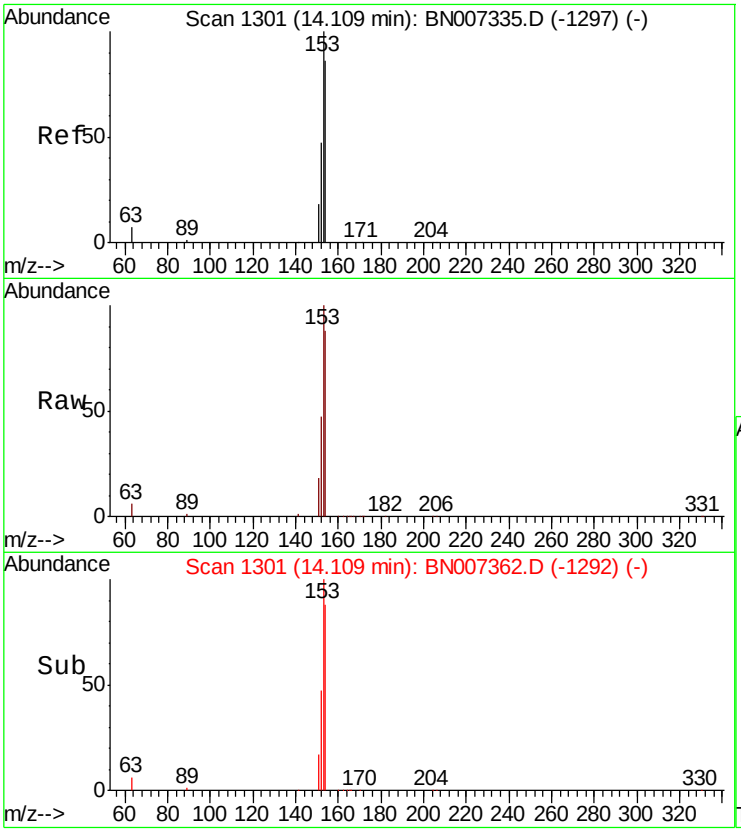


#16
Acenaphthylene
Concen: 0.031 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:152 Resp: 2267

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	18.7	10.6	15.8#



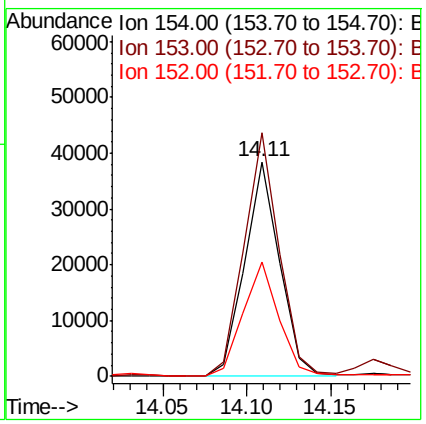


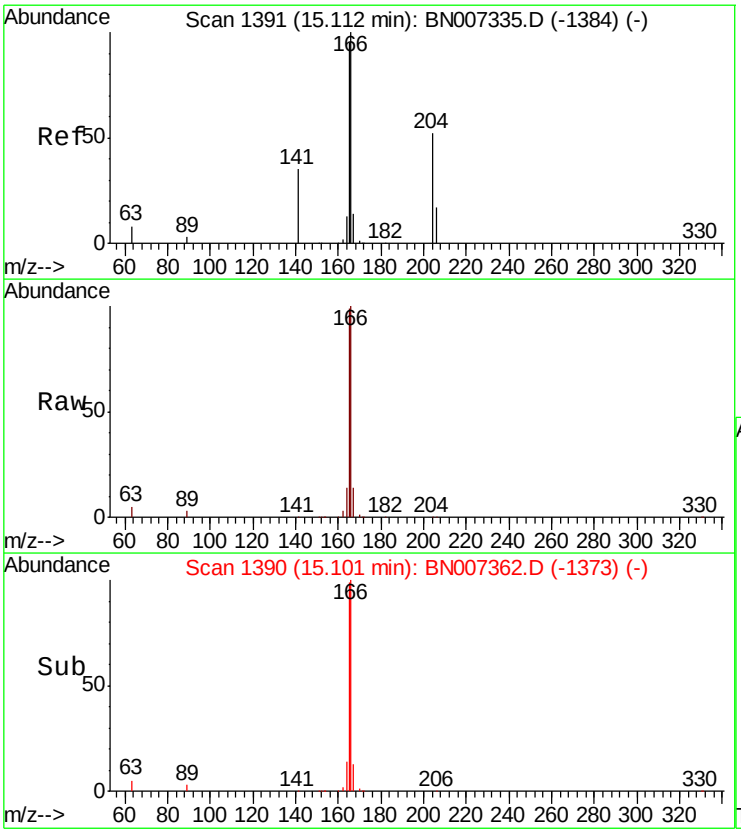
#17
Acenaphthene
Concen: 1.302 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:154 Resp: 55339

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.8	139.2
152	55.1	43.8	65.8

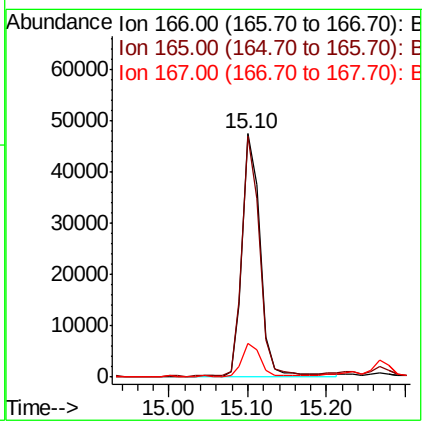


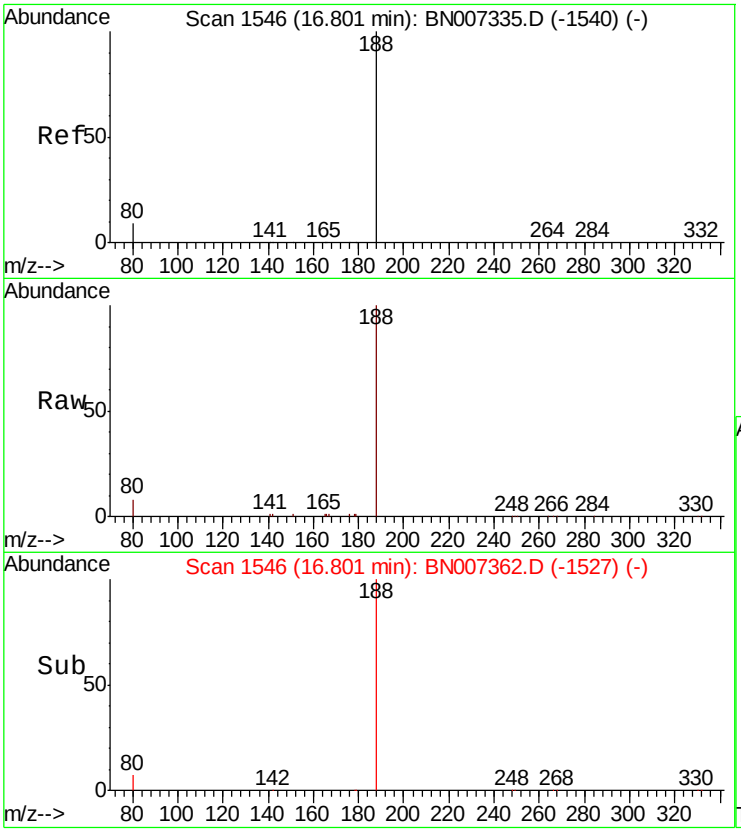


#18
Fluorene
Concen: 1.402 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:166 Resp: 75370

Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.0	118.4
167	13.8	10.6	15.8



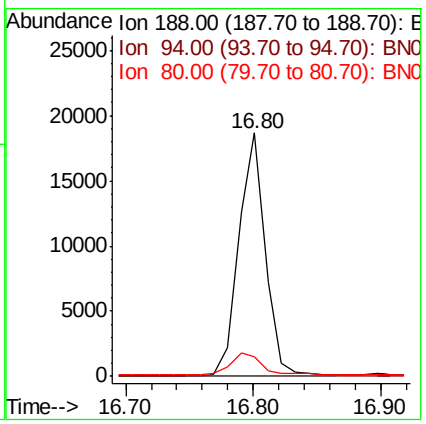


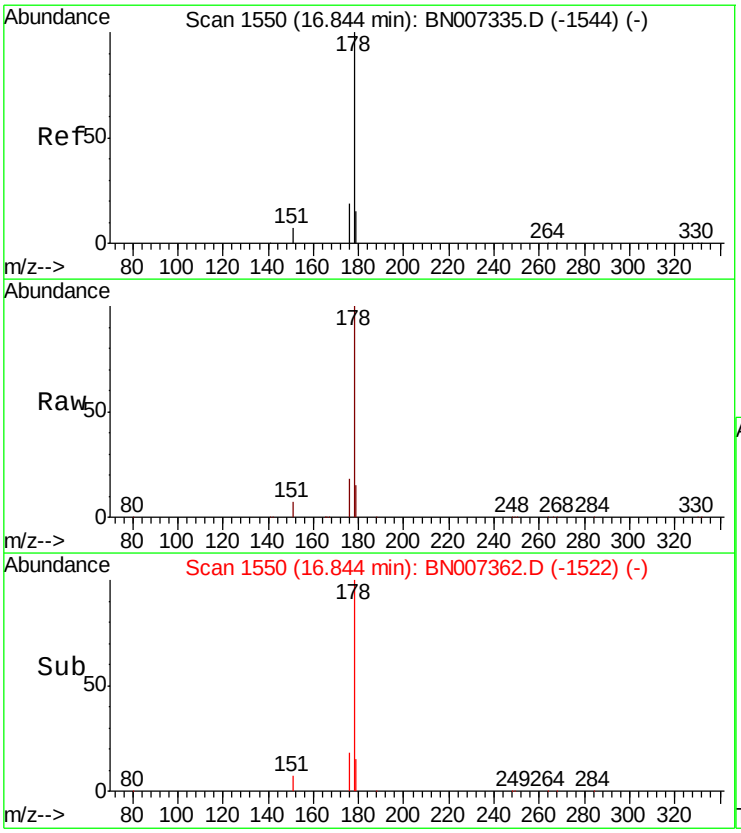
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:188 Resp: 26763

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	11.8	17.8#

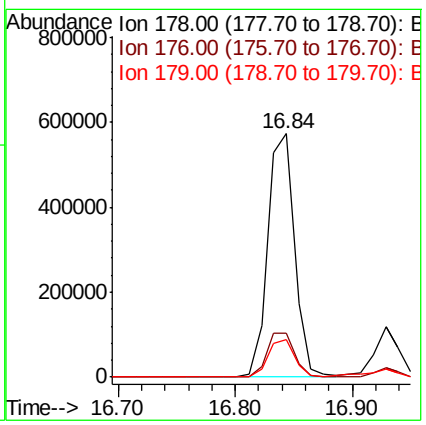


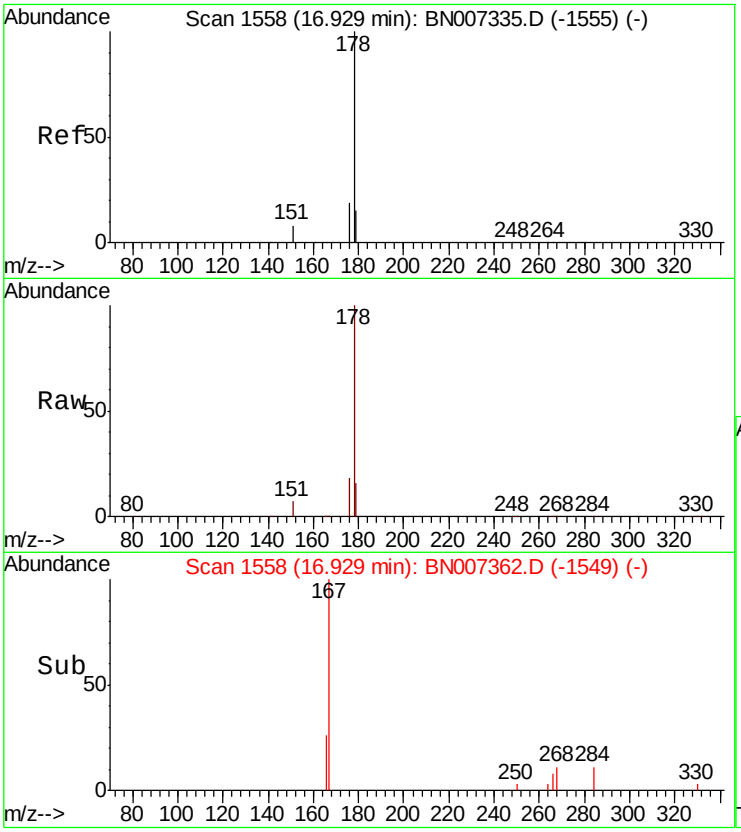


#23
Phenanthrene
Concen: 11.370 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:178 Resp: 915297

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.6	19.0



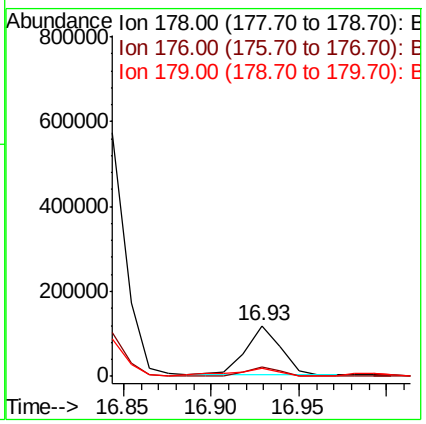


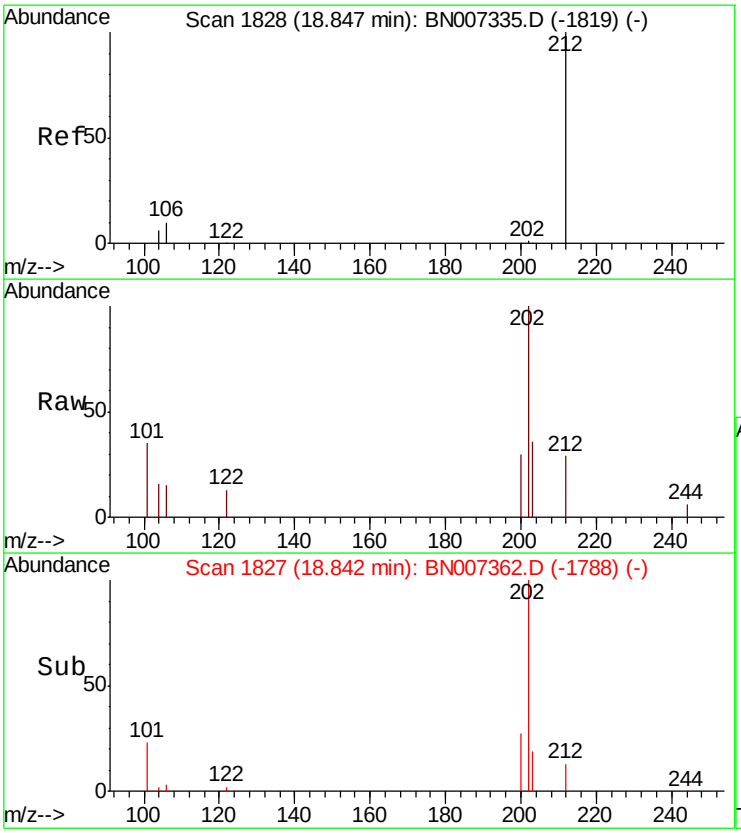
#24
Anthracene
Concen: 1.986 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:178 Resp: 160780

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	21.6	12.4	18.6#

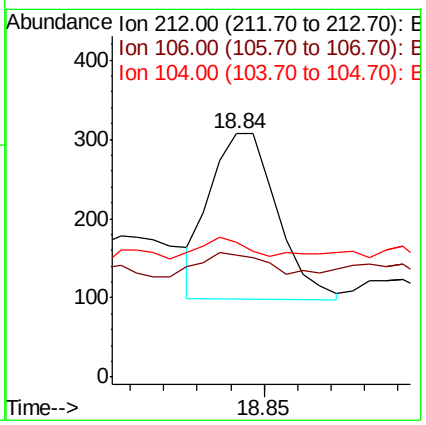


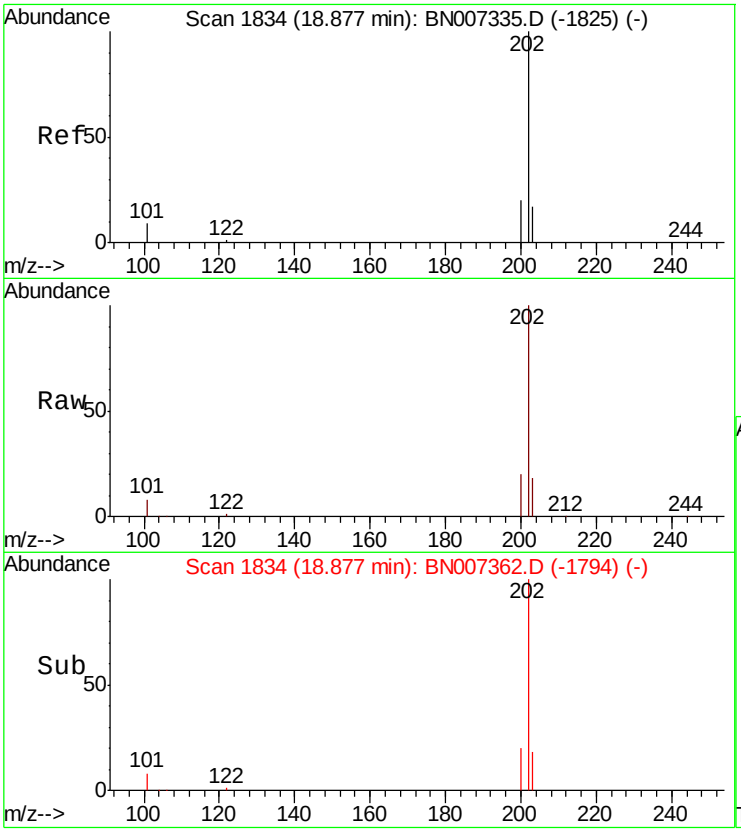


#25
Fluoranthene-d10
Concen: 0.003 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:212 Resp: 290

Ion	Ratio	Lower	Upper
212	100		
106	17.9	9.0	13.4#
104	9.0	5.4	8.2#



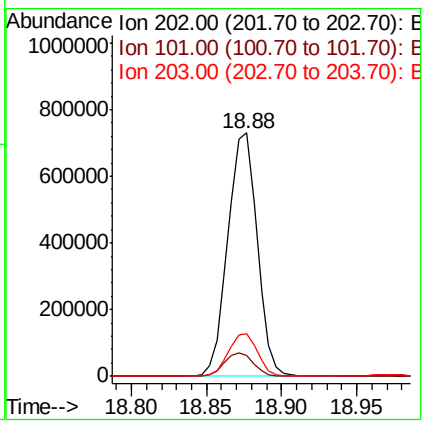


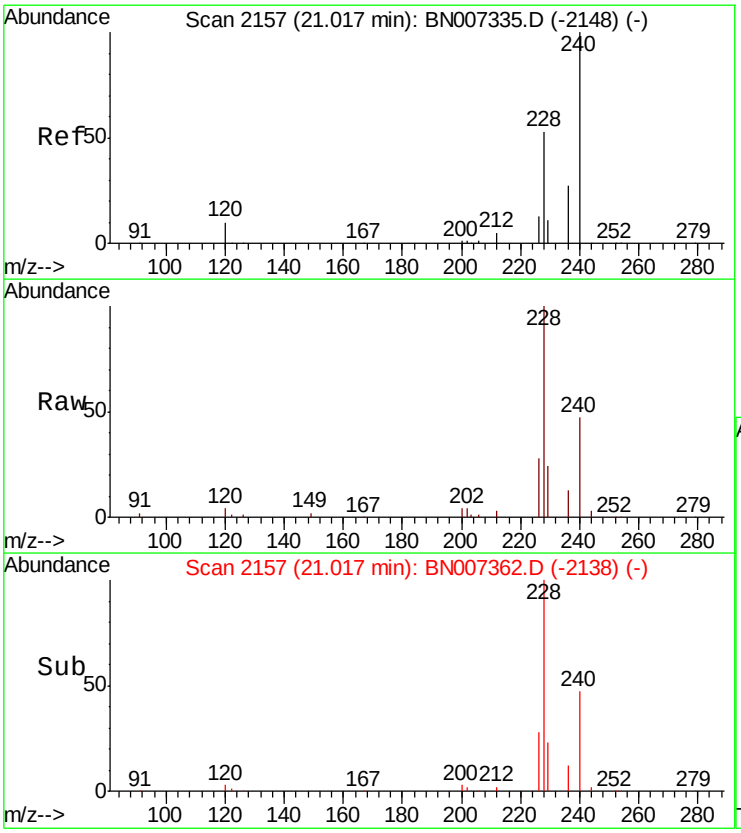
#26
Fluoranthene
Concen: 9.560 ng
RT: 18.88 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:202 Resp: 988153

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.4	13.7	20.5

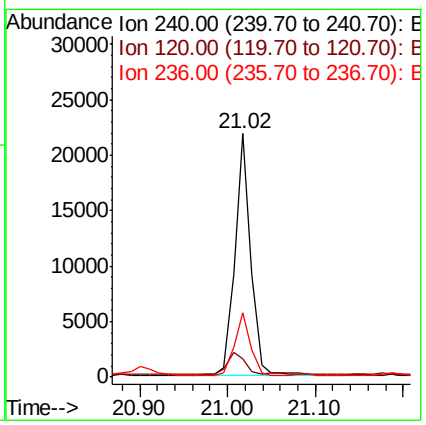


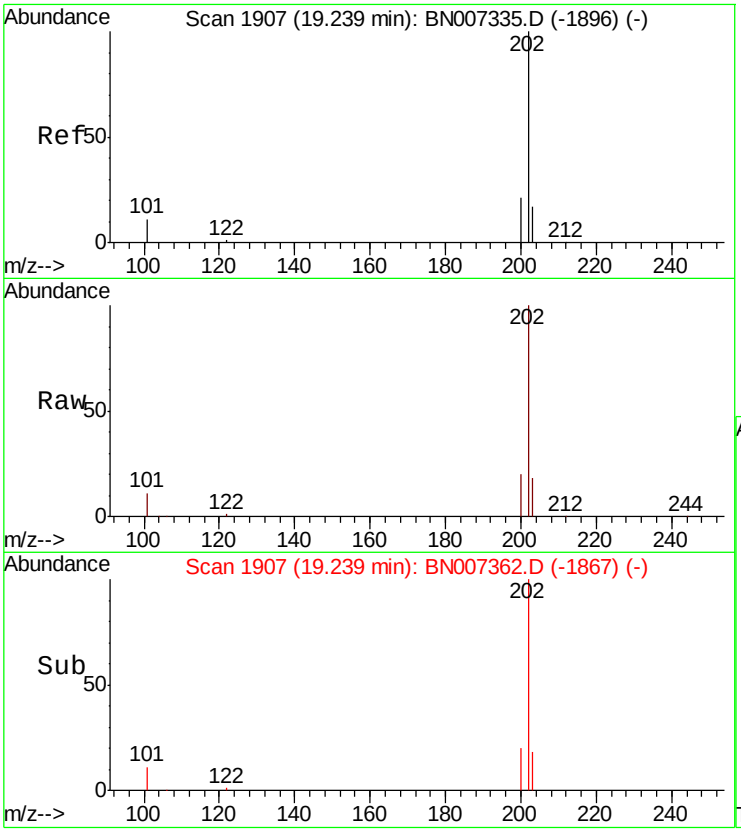


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:240 Resp: 27396

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.6	14.4#
236	26.6	22.2	33.2



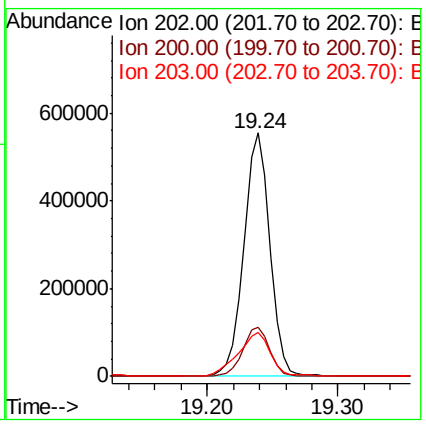


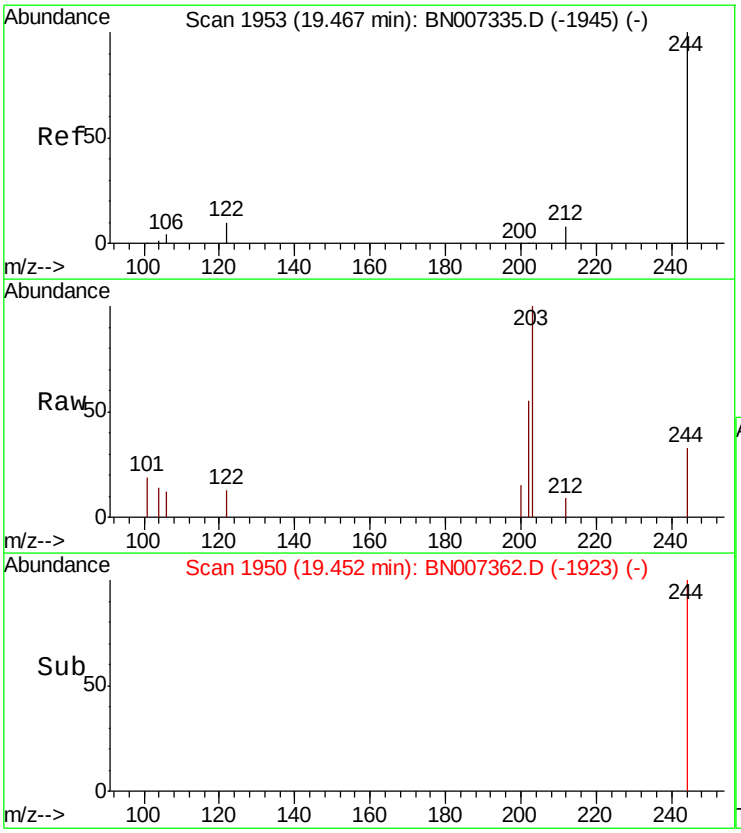
#28
Pyrene
Concen: 7.038 ng
RT: 19.24 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:202 Resp: 775597

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	22.4	14.2	21.4#

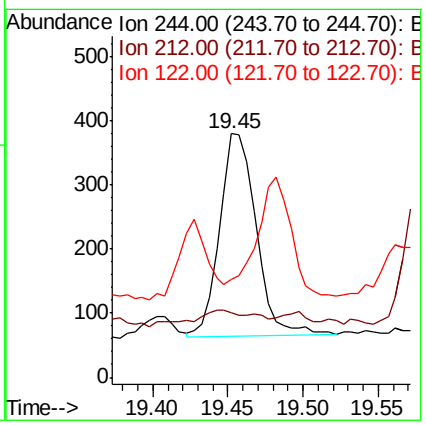


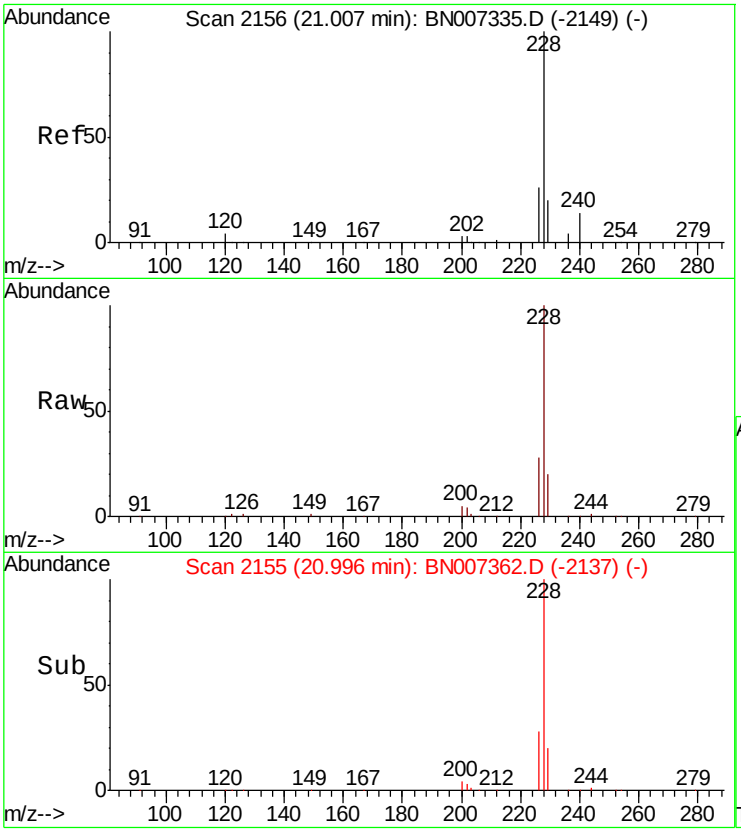


#29
Terphenyl-d14
Concen: 0.007 ng
RT: 19.45 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:244 Resp: 535

Ion	Ratio	Lower	Upper
244	100		
212	26.4	7.0	10.6#
122	40.4	9.6	14.4#



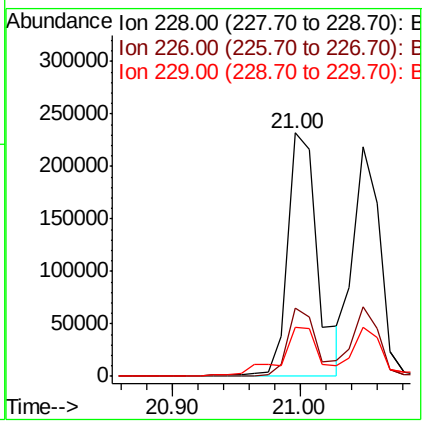


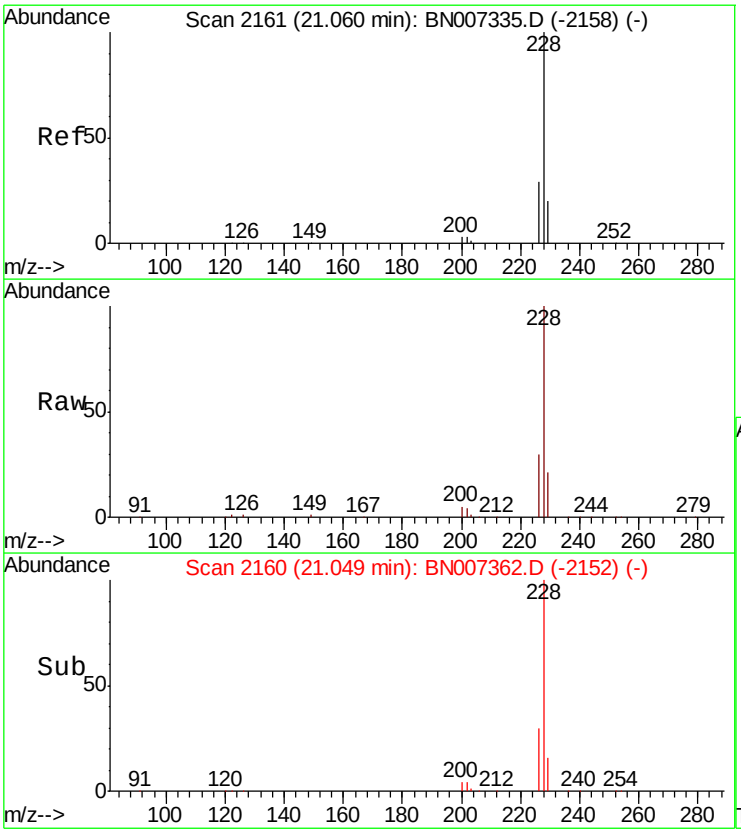
#30
Benzo(a)anthracene
Concen: 3.477 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:228 Resp: 374124

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	19.9	16.1	24.1

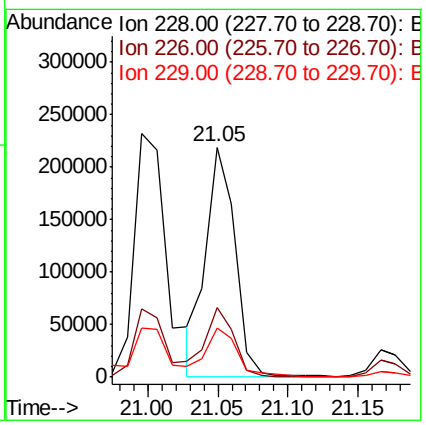


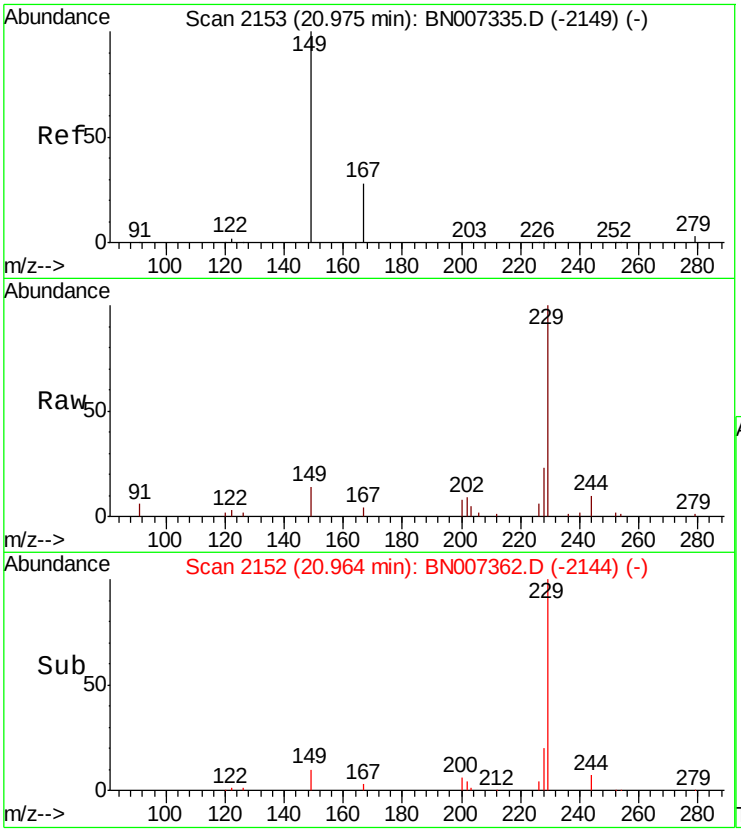


#31
Chrysene
Concen: 3.028 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:228 Resp: 314508

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	21.4	16.6	24.8



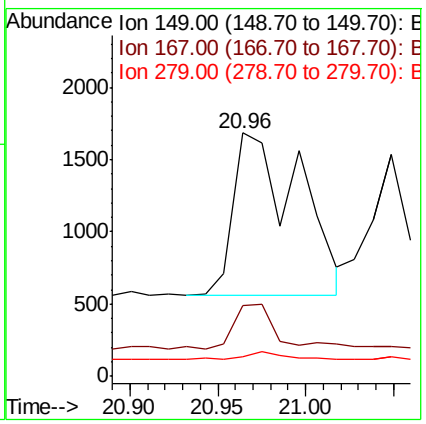


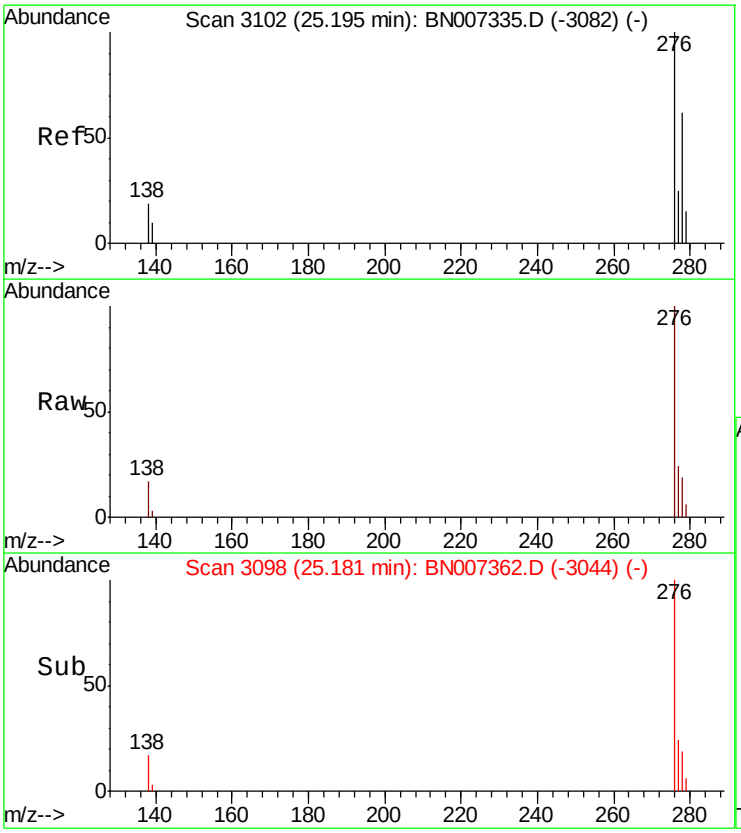
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.023 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:149 Resp: 2910

Ion	Ratio	Lower	Upper
149	100		
167	18.8	22.8	34.2#
279	3.0	3.5	5.3#

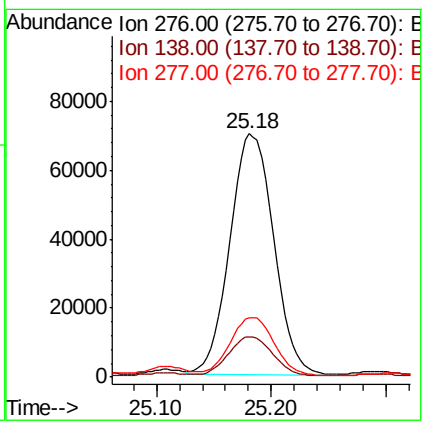


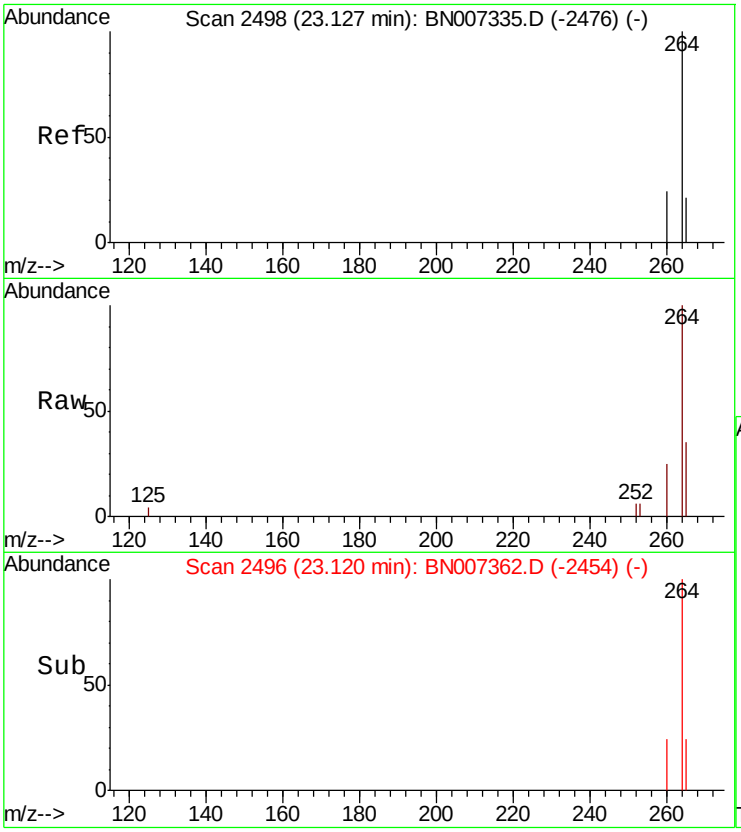


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.488 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:276 Resp: 186178

Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.1	22.7
277	24.3	19.7	29.5



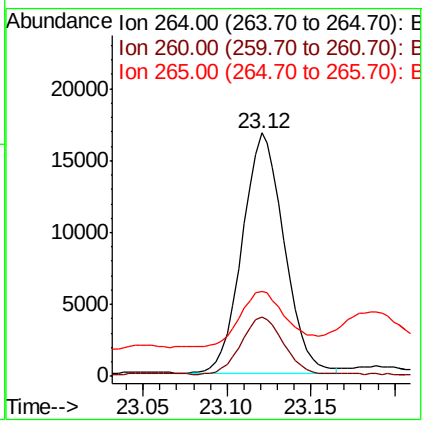


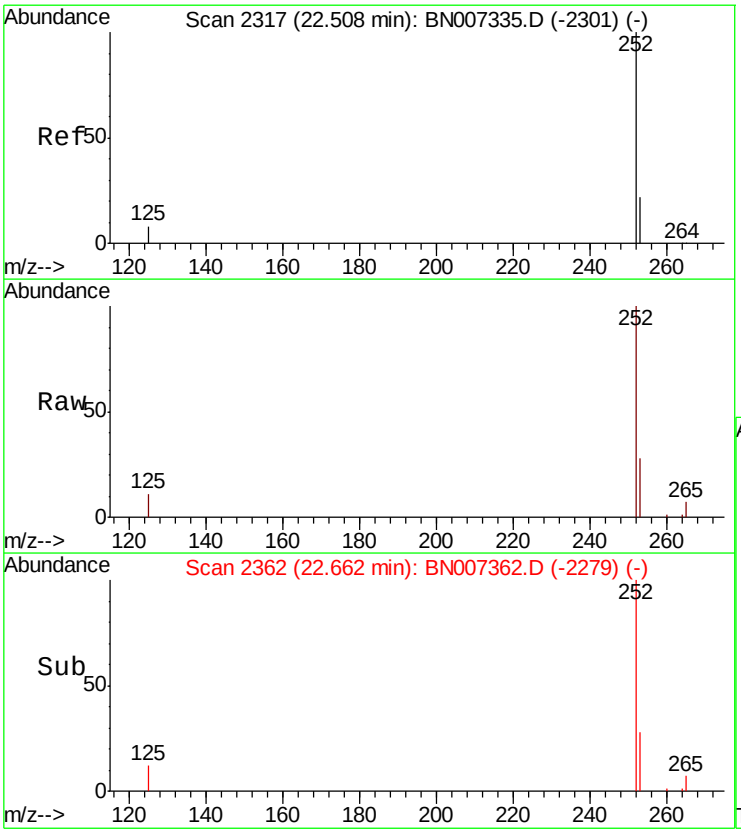
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:264 Resp: 29137

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	34.9	29.9	44.9

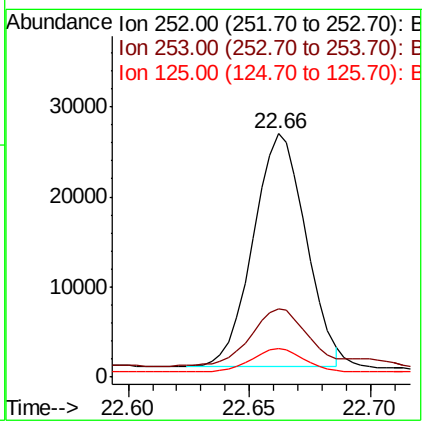


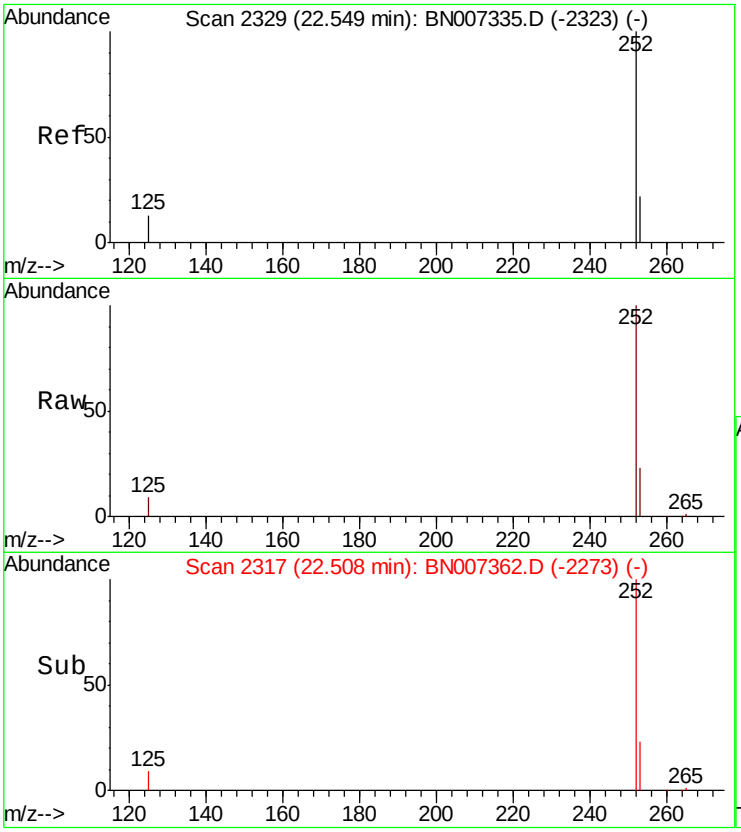


#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.15 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:252 Resp: 38863

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.2	28.8
125	11.5	10.6	16.0



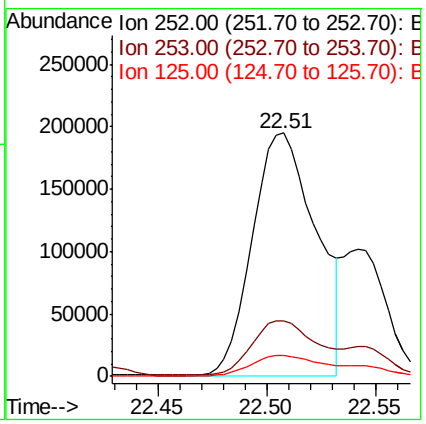


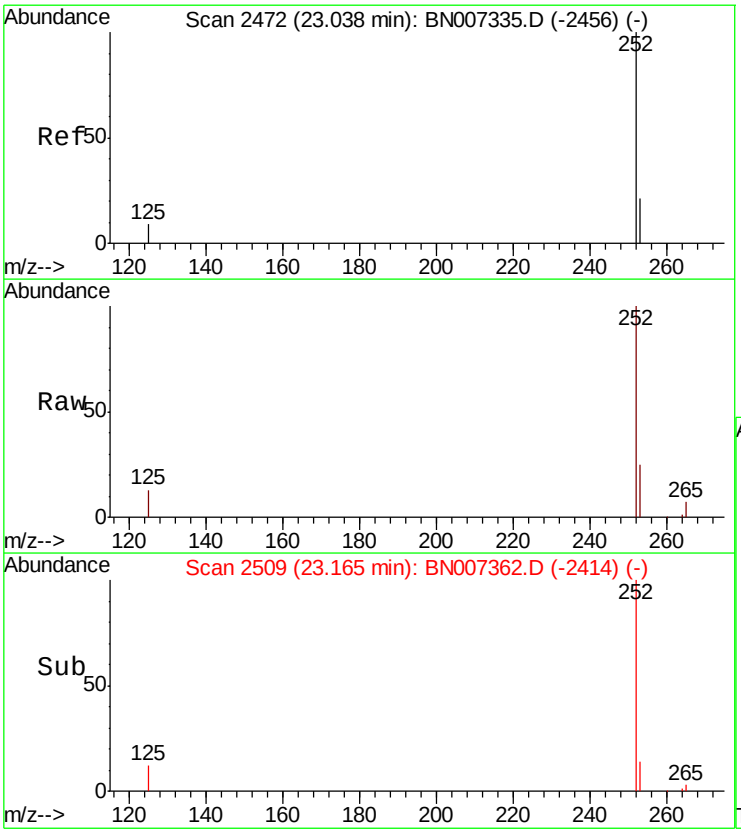
#36
Benzo(k)fluoranthene
Concen: 3.797 ng
RT: 22.51 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:252 Resp: 396219

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.2
125	8.5	13.1	19.7#

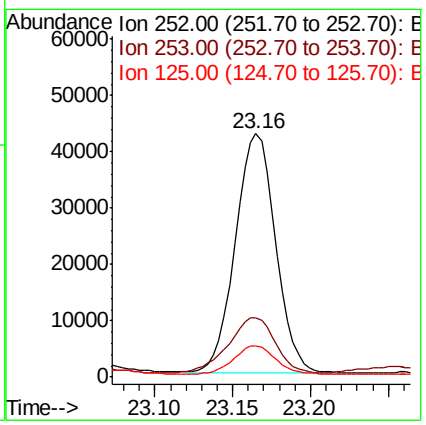


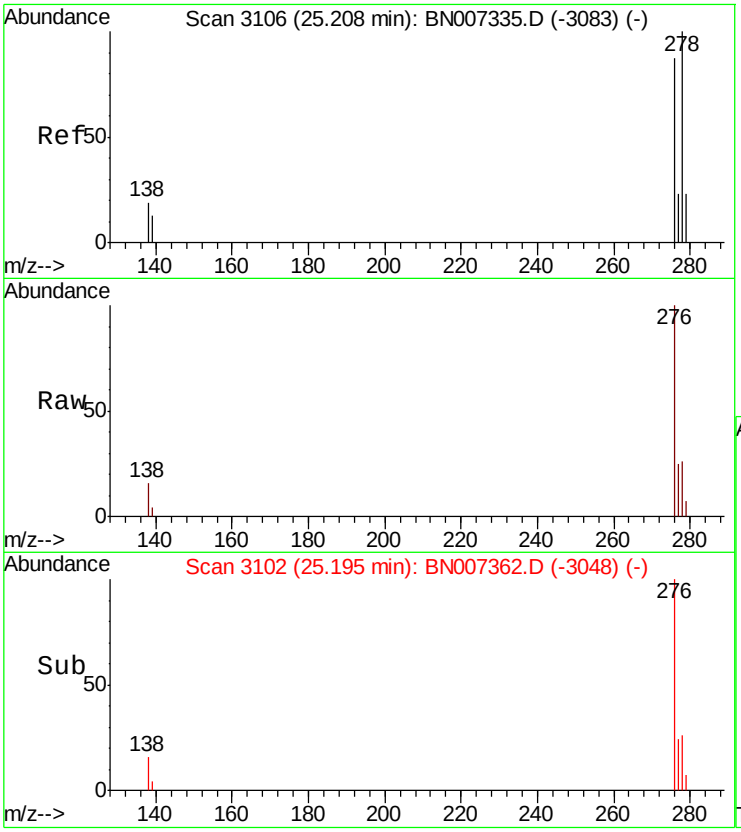


#37
Benzo(a)pyrene
Concen: 0.757 ng
RT: 23.16 min Scan# 2509
Delta R.T. 0.13 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:252 Resp: 76061

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.5	29.3
125	12.9	12.1	18.1



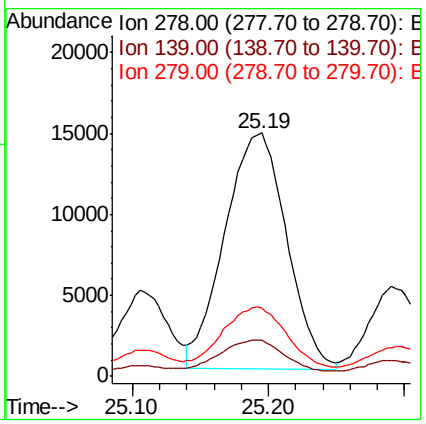


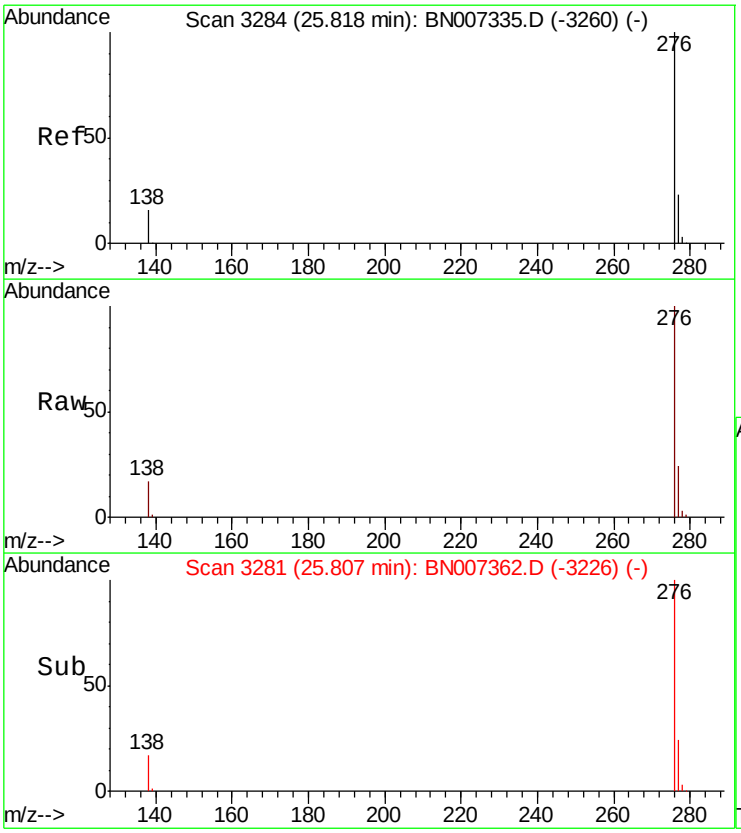
#38
Dibenzo(a,h)anthracene
Concen: 0.458 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL2

Tgt Ion:278 Resp: 45951

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.7	20.5
279	28.0	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 1.846 ng
RT: 25.81 min Scan# 3281
Delta R.T. -0.01 min
Lab File: BN007362.D
Acq: 24 Aug 2019 14:19

Tgt Ion:276 Resp: 184336

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	16.8	16.3	24.5