Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

Quantitation Report (Not Reviewed)

Data File : BN007397.D
Acq On : 25 Aug 2019 16:02
Operator : HP/JU
Sample : K4496-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S600-M-1.0-1.5-082219

Quant Time: Aug 26 05:22:25 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	3582	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	14340	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	7755	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	17472	0.40	ng		0.00
27) Chrysene-d12	21.02	240	18098	0.40	ng		0.00
34) Perylene-d12	23.12	264	20897	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	4274	0.34	ng		0.00
5) Phenol-d6	6.59	99	5559	0.35	ng		0.00
8) Nitrobenzene-d5	8.53	82	4168	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	7904	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1416	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	9901	0.32	ng		0.00
25) Fluoranthene-d10	18.84	212	17756	0.32	ng		0.00
29) Terphenyl-d14	19.46	244	12888	0.27	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	890	0.022	ng	#	84
12) 2-Methylnaphthalene	11.83	142	657	0.024	ng	#	88
20) 4-Bromophenyl-phenylether	16.02	248	172	0.025	ng	#	23
23) Phenanthrene	16.84	178	4713	0.090	ng		97
26) Fluoranthene	18.87	202	10519	0.156	ng		99
28) Pyrene	19.24	202	11799	0.162	ng	#	95
30) Benzo(a)anthracene	21.00	228	6732	0.095	ng	#	90
31) Chrysene	21.00	228	5511	0.080	ng		94
32) Bis(2-ethylhexyl)phthalate	20.97	149	4737	0.084	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.18	276	4648	0.056	ng		97
35) Benzo(b)fluoranthene	22.51	252	9149	0.121	ng	#	85
36) Benzo(k)fluoranthene	22.51	252	9149	0.122	ng	#	88
37) Benzo(a)pyrene	23.03	252	6332	0.088	ng	#	83
39) Benzo(g,h,i)perylene	25.81	276	5016	0.070	ng	#	86

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

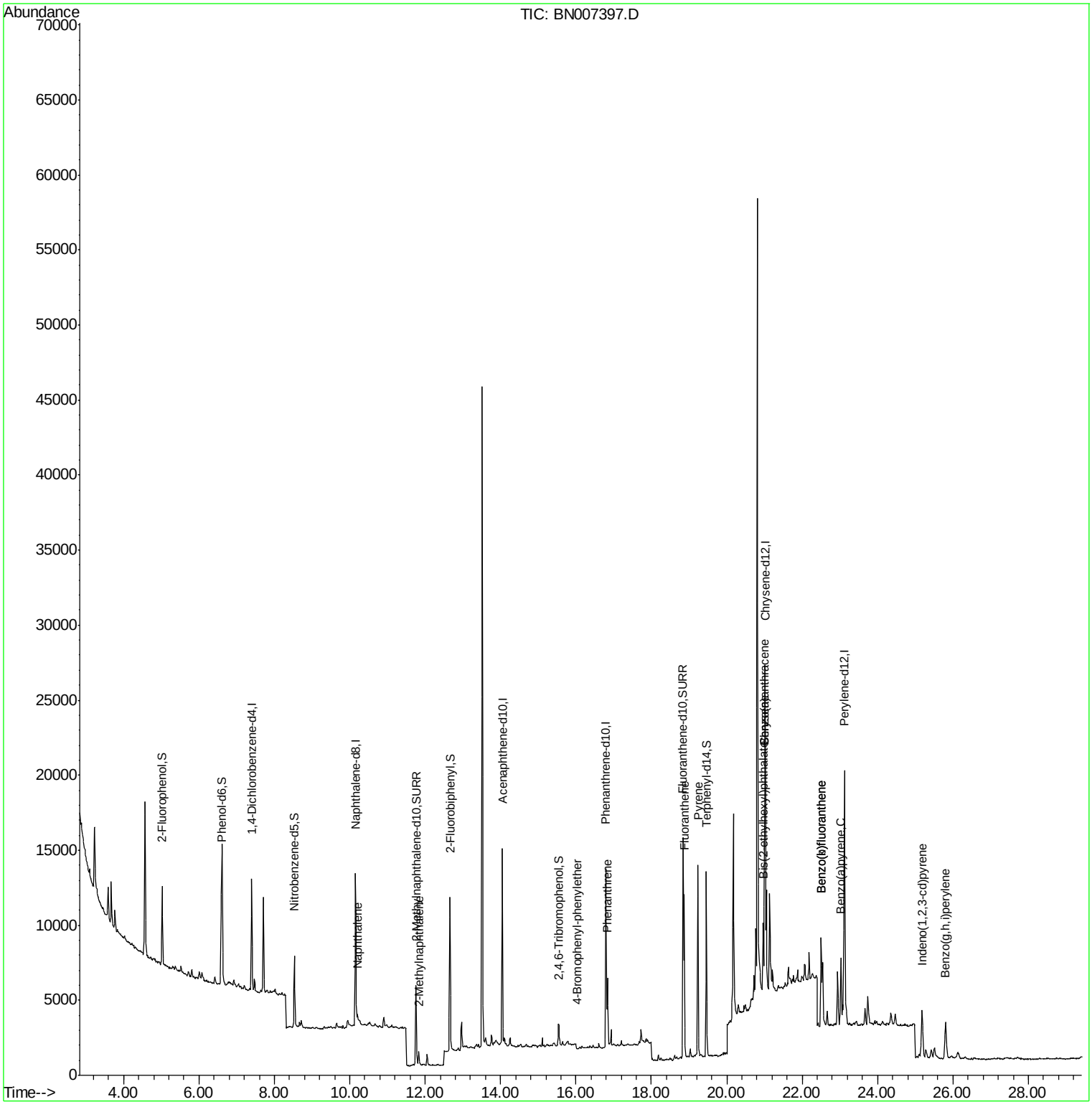
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

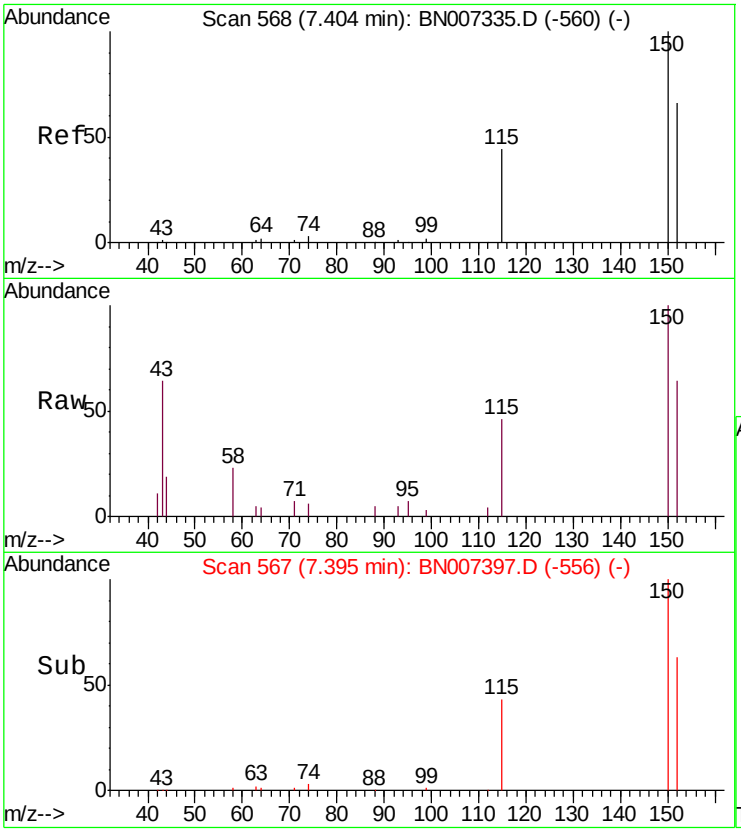
Quantitation Report (Not Reviewed)

Data File : BN007397.D
Acq On : 25 Aug 2019 16:02
Operator : HP/JU
Sample : K4496-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Quant Time: Aug 26 05:22:25 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



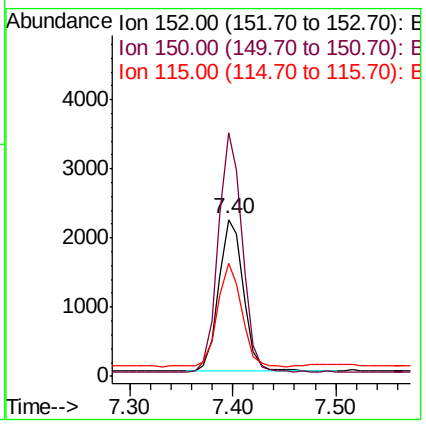


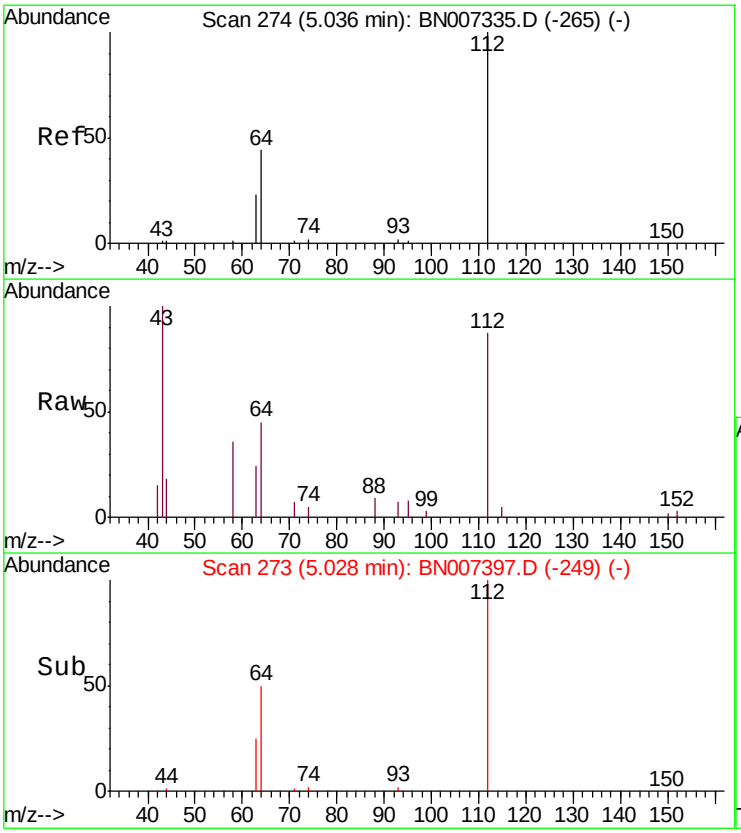
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:152 Resp: 3582

Ion	Ratio	Lower	Upper
152	100		
150	155.5	109.1	163.7
115	72.0	59.6	89.4

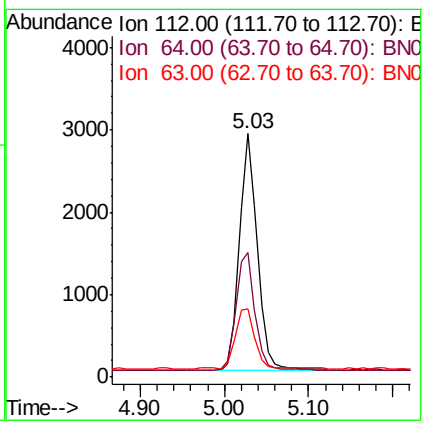


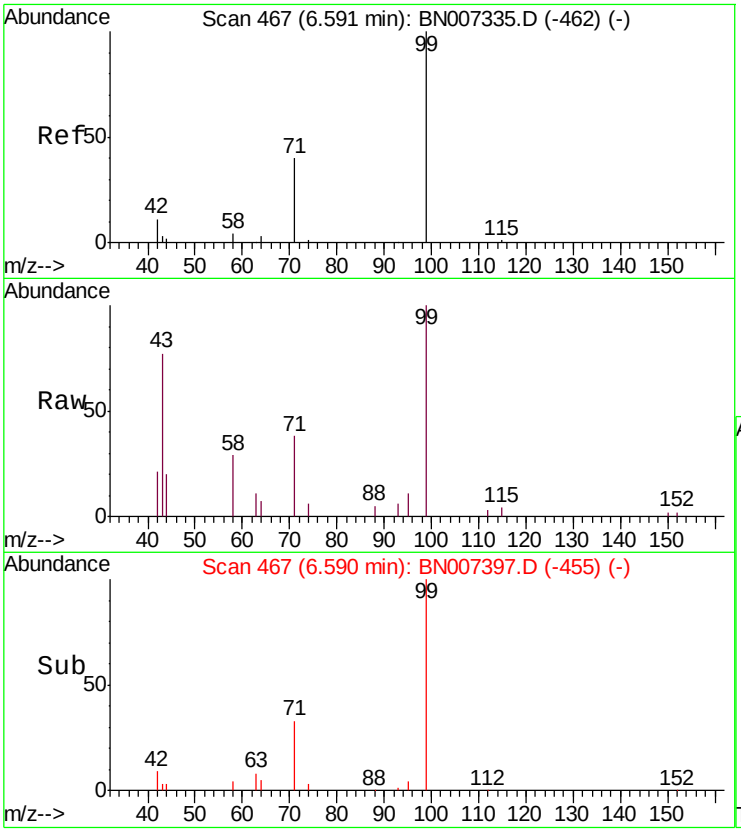


#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:112 Resp: 4274

Ion	Ratio	Lower	Upper
112	100		
64	51.4	42.3	63.5
63	26.2	23.6	35.4



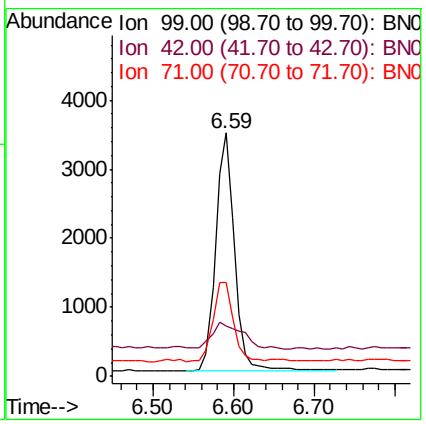


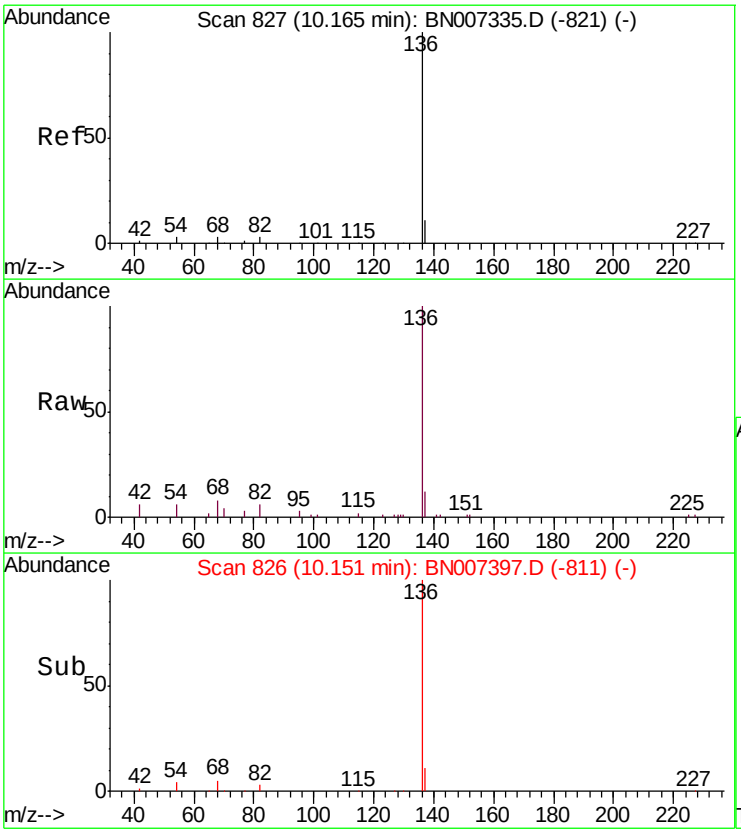
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion: 99 Resp: 5559

Ion	Ratio	Lower	Upper
99	100		
42	17.9	11.2	16.8#
71	35.7	31.8	47.8

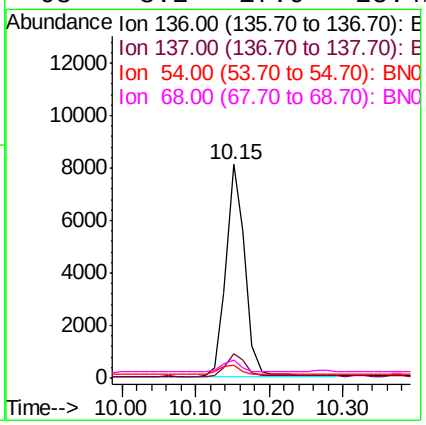


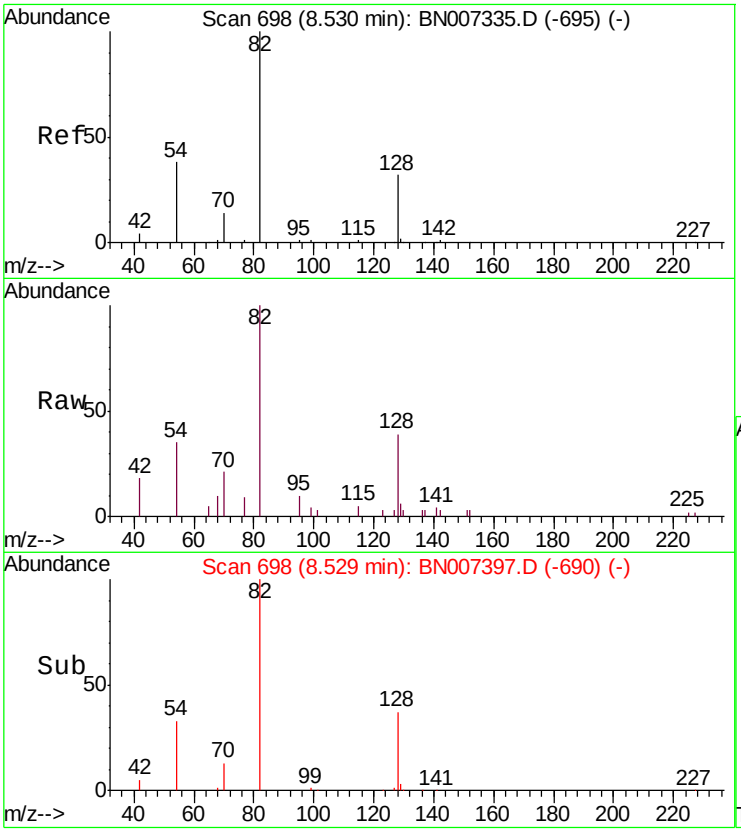


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:136 Resp: 14340

Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	6.1	8.6	12.8#
68	8.2	17.0	25.4#



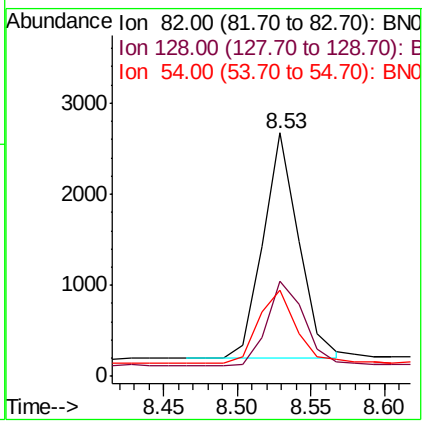


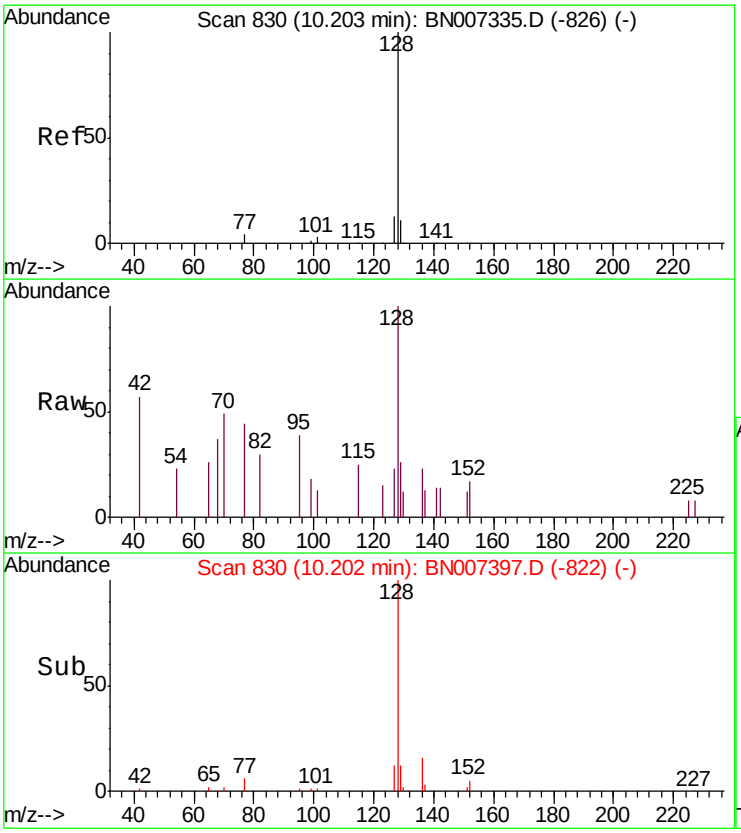
#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.53 min Scan# 698
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion: 82 Resp: 4168

Ion	Ratio	Lower	Upper
82	100		
128	39.0	19.7	29.5#
54	35.5	25.8	38.6

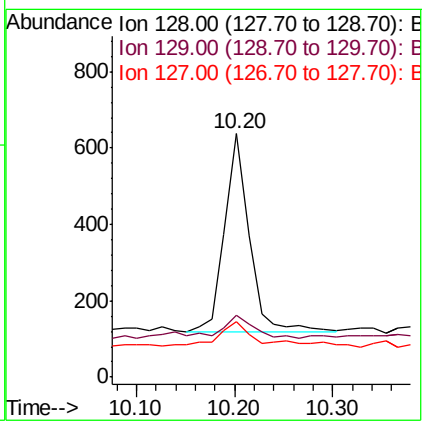


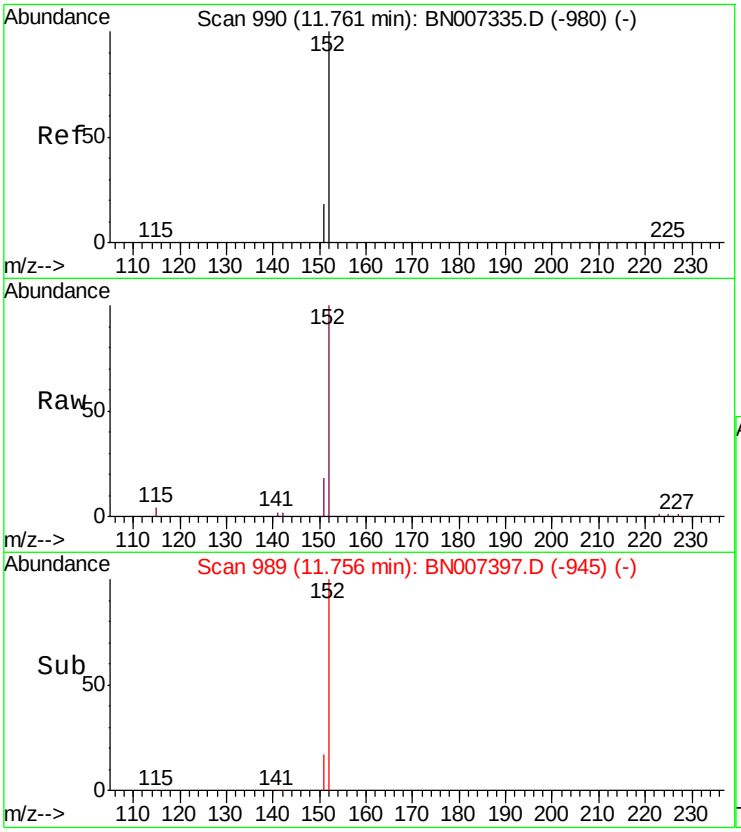


#9
Naphthalene
Concen: 0.022 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:128 Resp: 890

Ion	Ratio	Lower	Upper
128	100		
129	25.5	11.1	16.7#
127	22.7	15.5	23.3



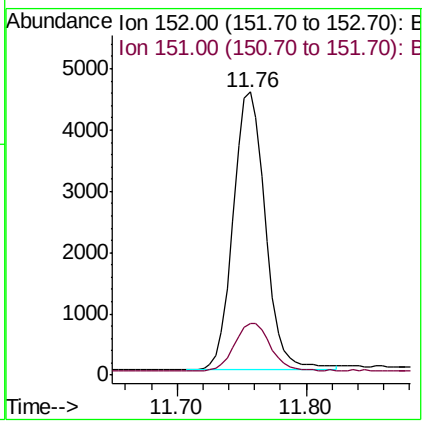


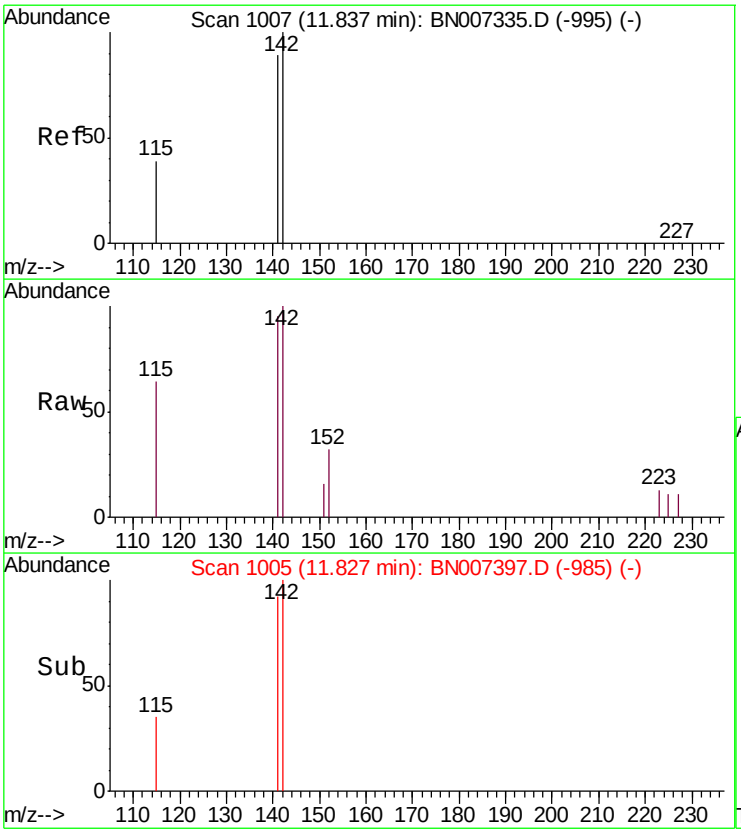
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:152 Resp: 7904

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2

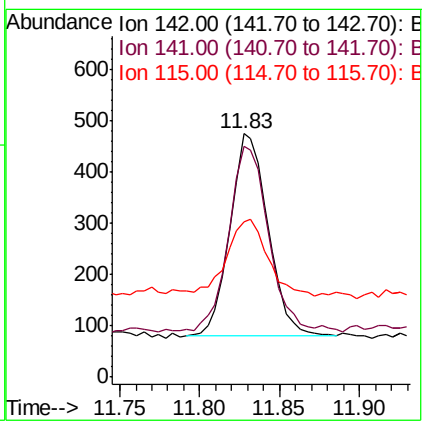


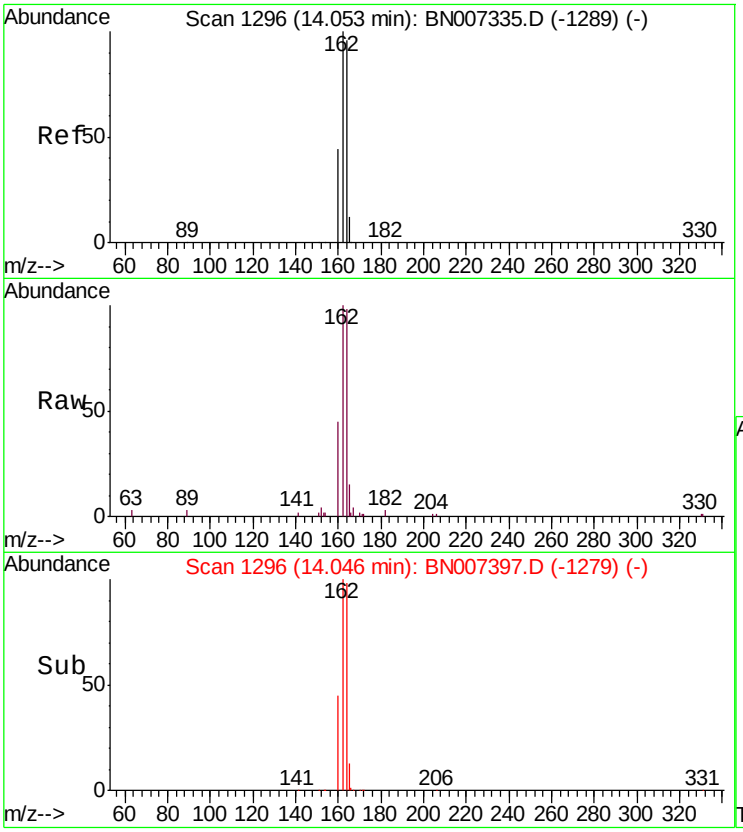


#12
2-Methylnaphthalene
Concen: 0.024 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:142 Resp: 657

Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.8	109.2
115	63.7	35.2	52.8#



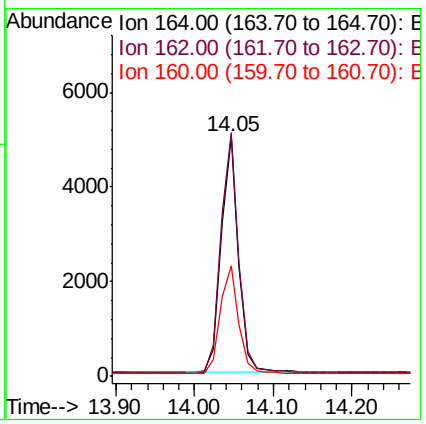


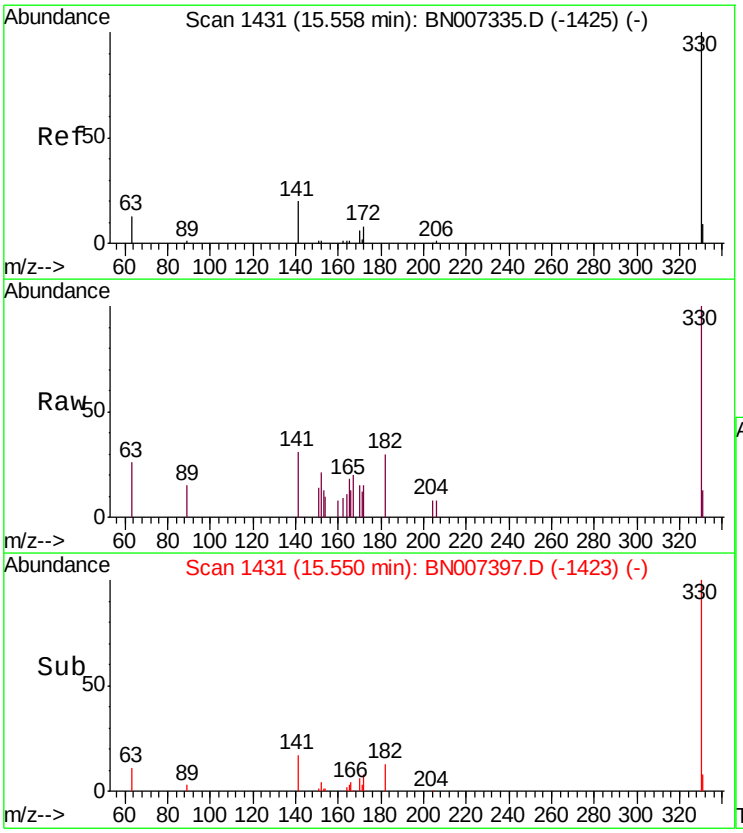
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:164 Resp: 7755

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.5	125.3
160	46.0	38.2	57.4

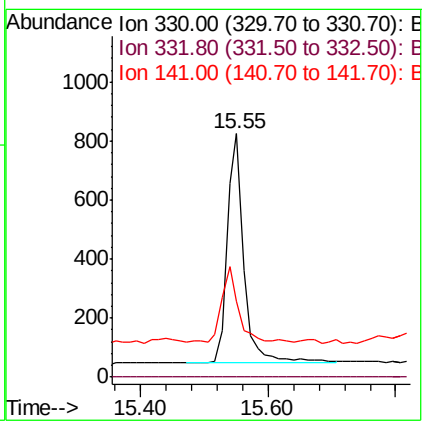


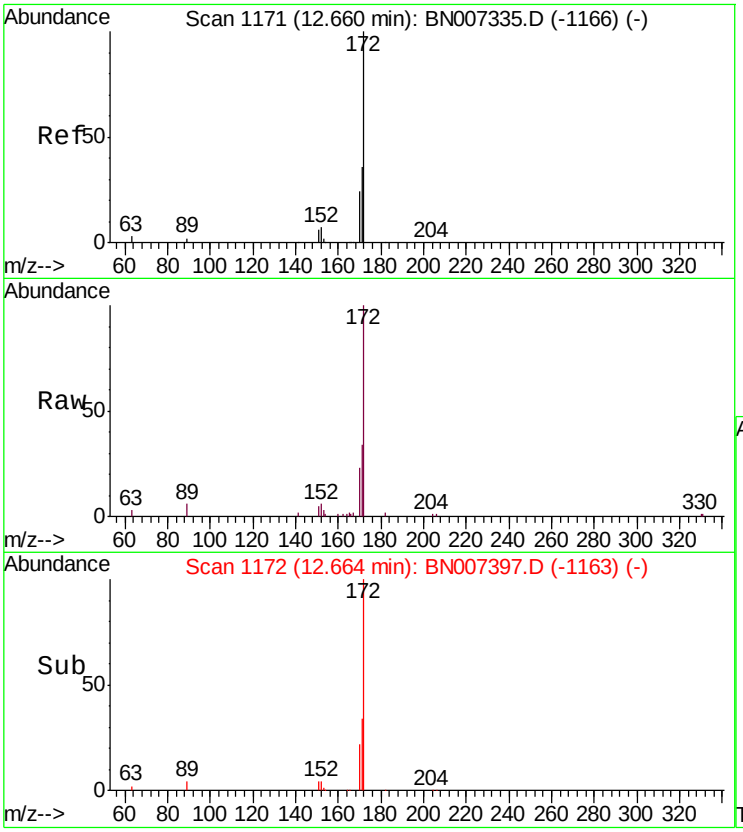


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:330 Resp: 1416

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.9	26.9	40.3



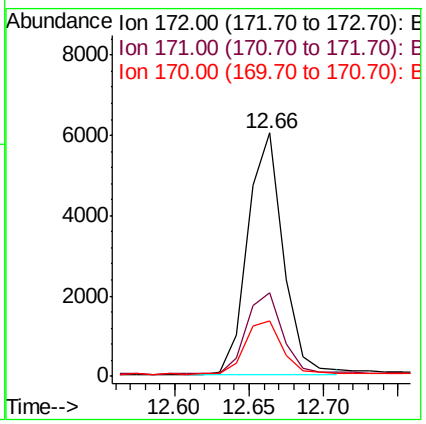


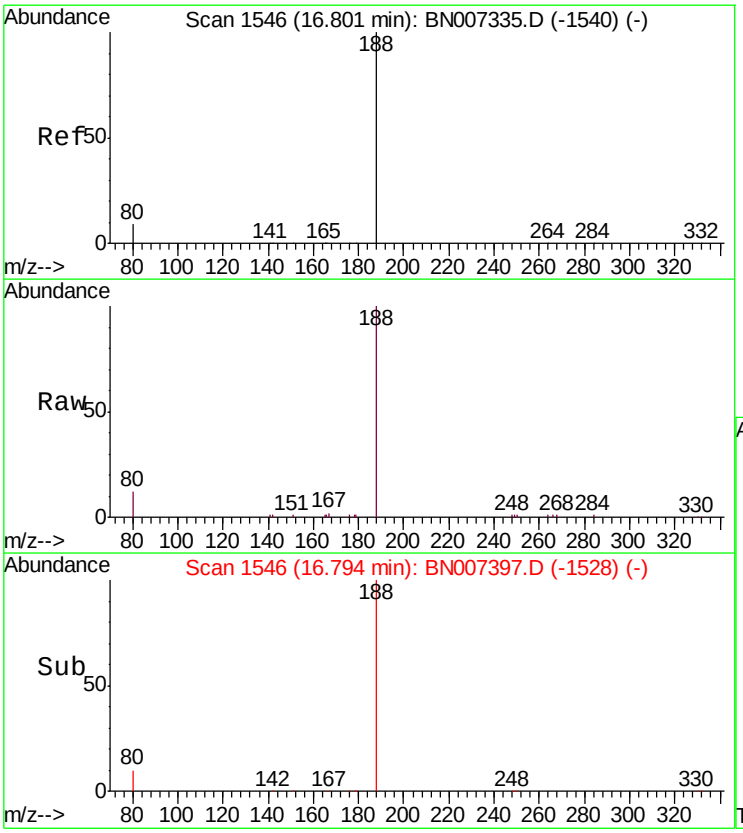
#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:172 Resp: 9901

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.3	45.5
170	22.7	20.7	31.1

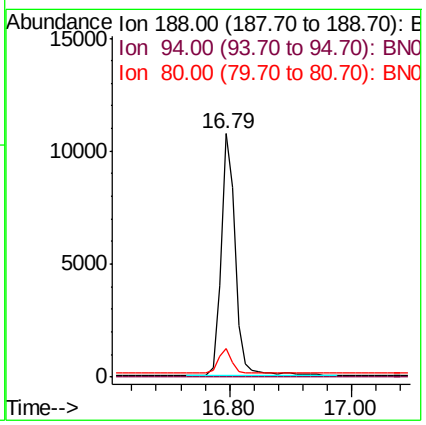


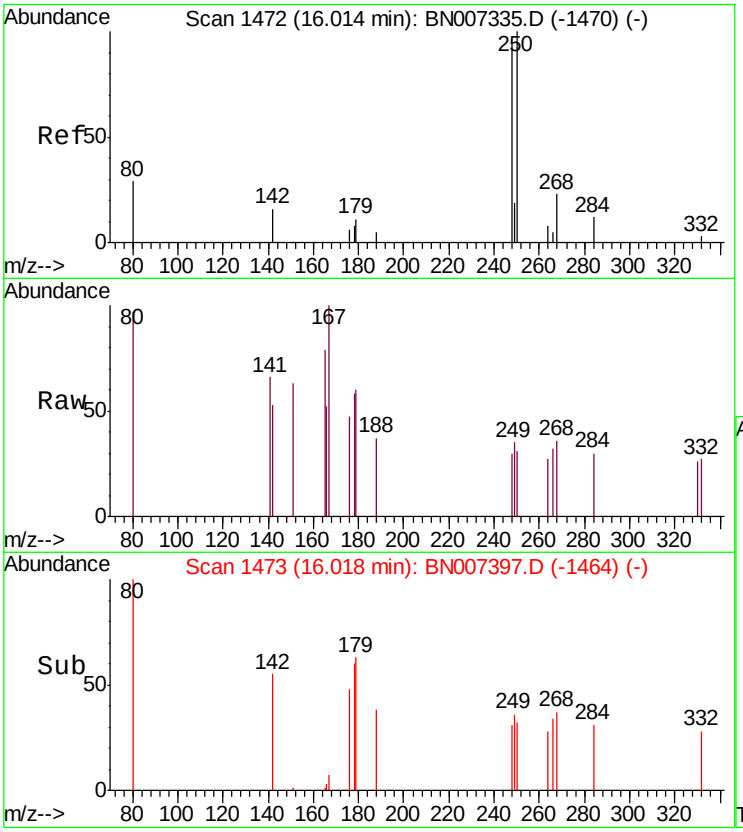


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:188 Resp: 17472

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



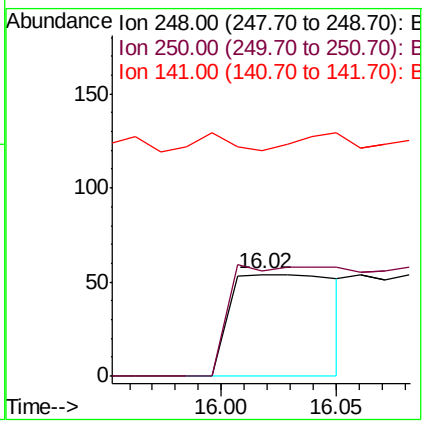


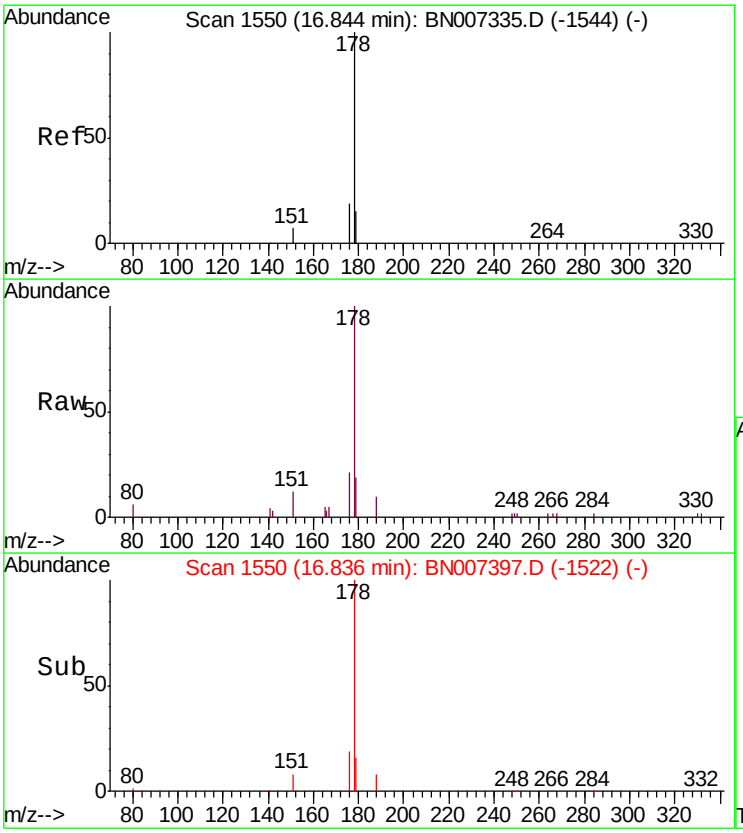
#20
4-Bromophenyl-phenylether
Concen: 0.025 ng
RT: 16.02 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:248 Resp: 172

Ion	Ratio	Lower	Upper
248	100		
250	103.7	85.0	127.6
141	222.2	51.7	77.5#

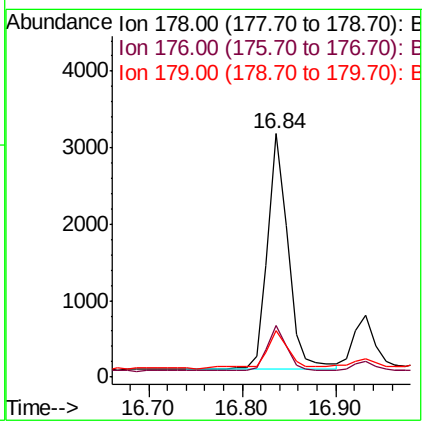


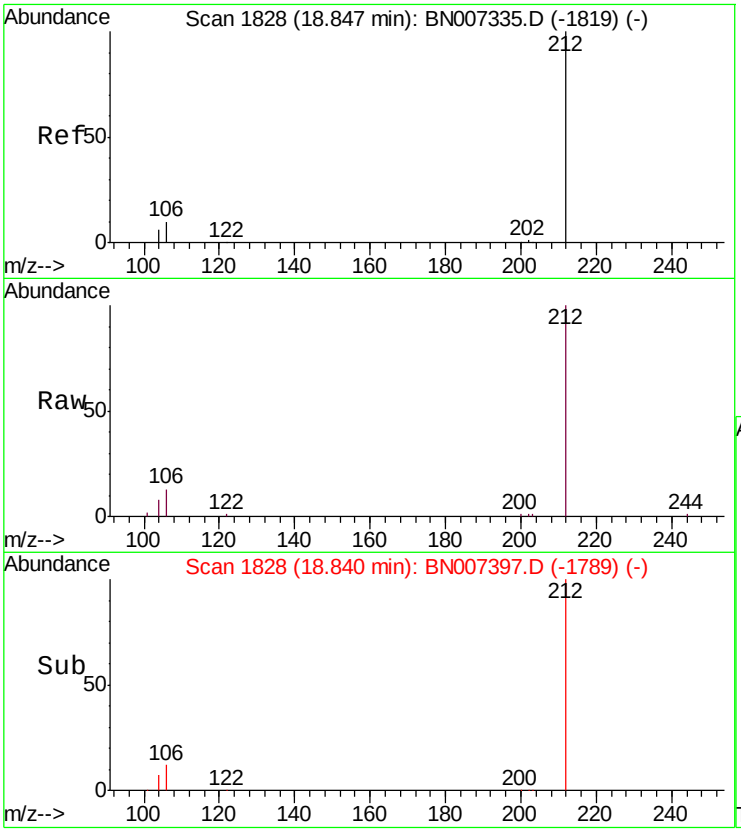


#23
Phenanthrene
Concen: 0.090 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:178 Resp: 4713

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.3	22.9
179	17.1	12.6	19.0



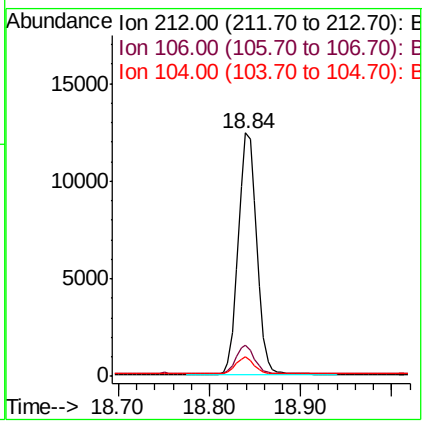


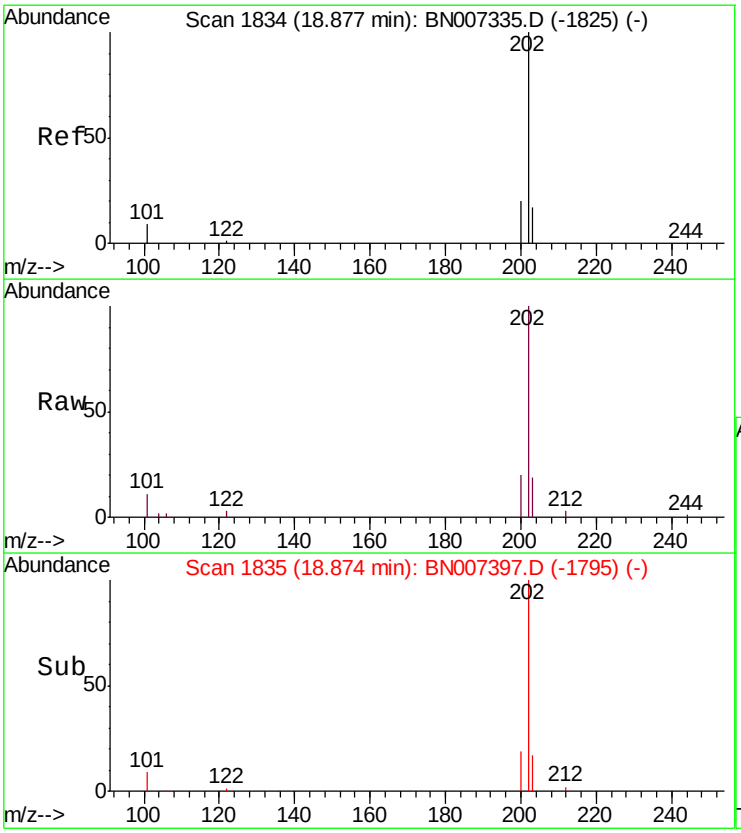
#25
Fluoranthene-d10
Concen: 0.316 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:212 Resp: 17756

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.0	13.4
104	6.9	5.4	8.2

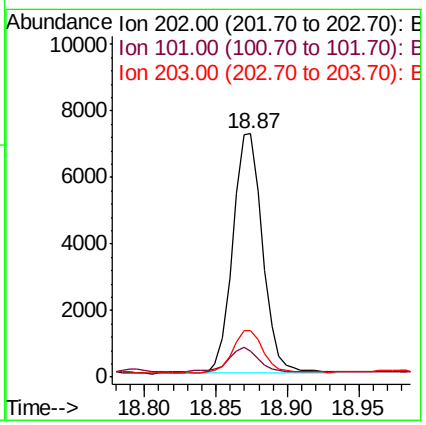


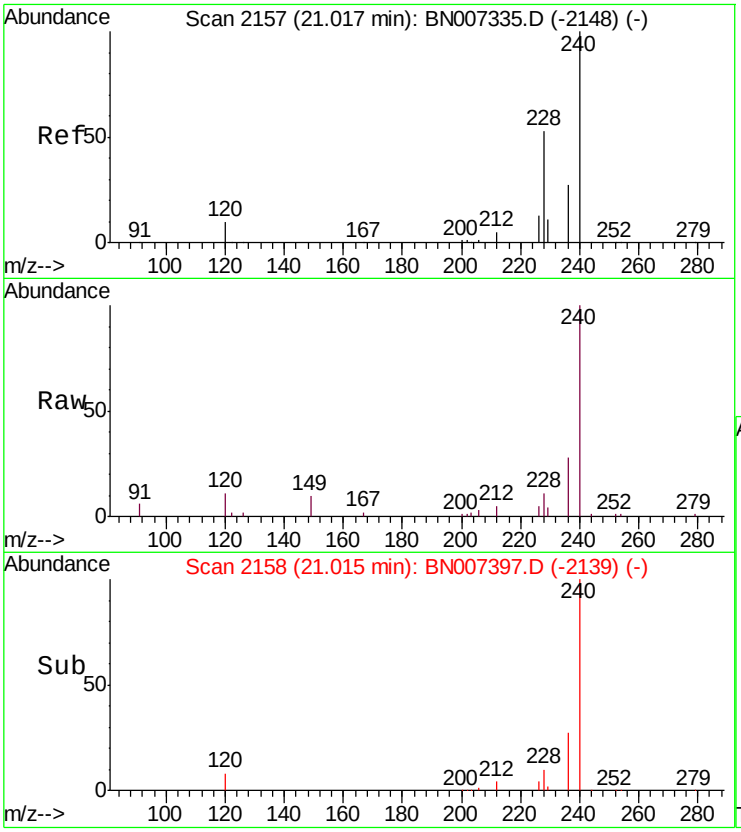


#26
Fluoranthene
Concen: 0.156 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:202 Resp: 10519

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.7	11.5
203	17.5	13.7	20.5



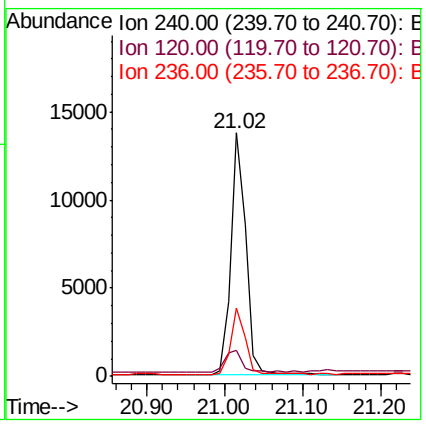


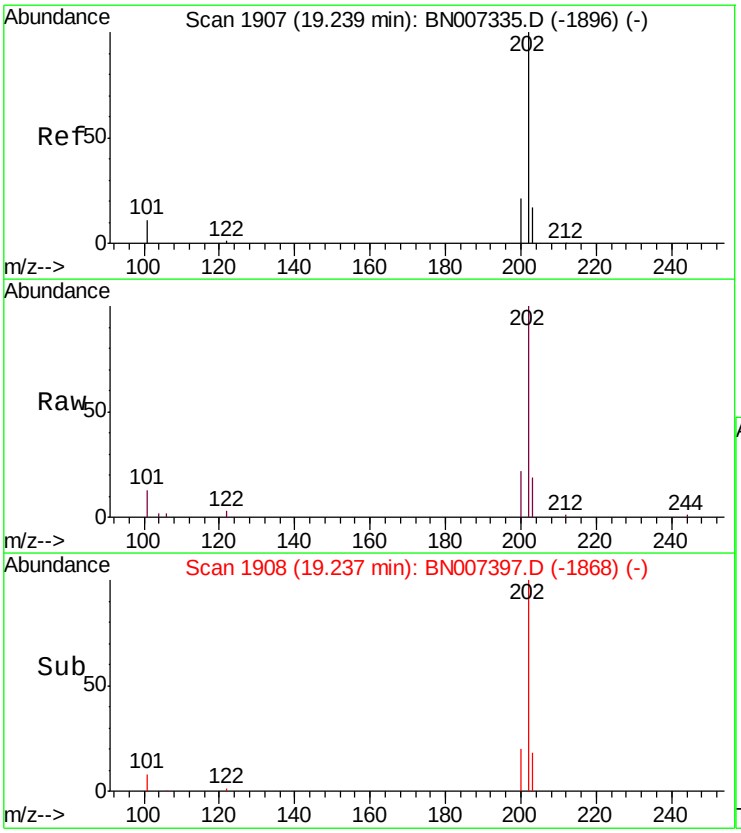
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:240 Resp: 18098

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.6	14.4
236	28.2	22.2	33.2

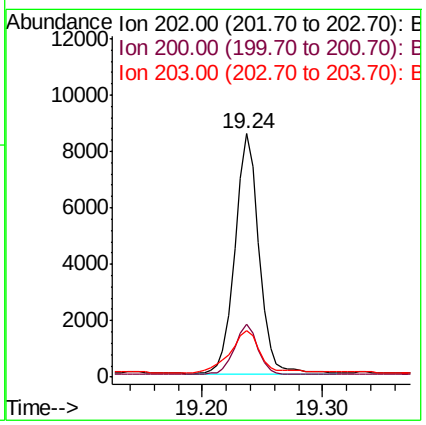


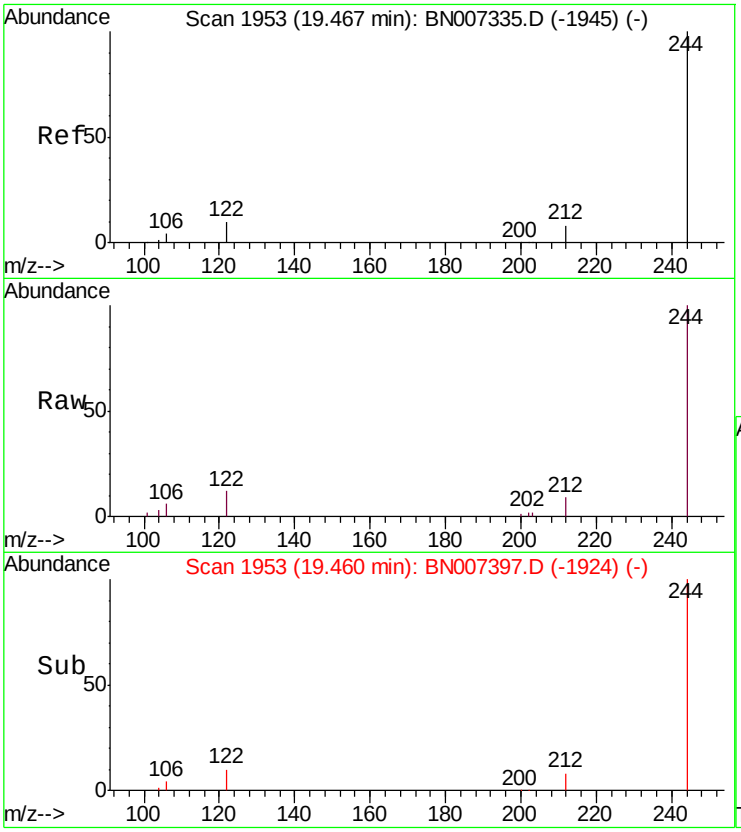


#28
Pyrene
Concen: 0.162 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:202 Resp: 11799

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	22.1	14.2	21.4#



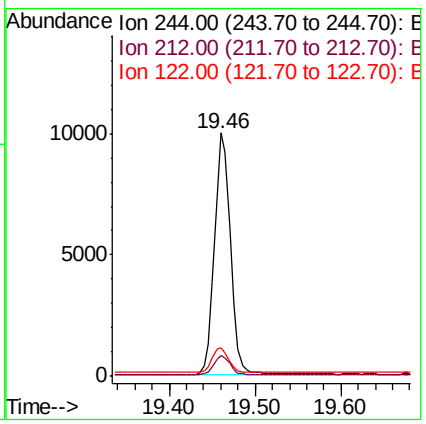


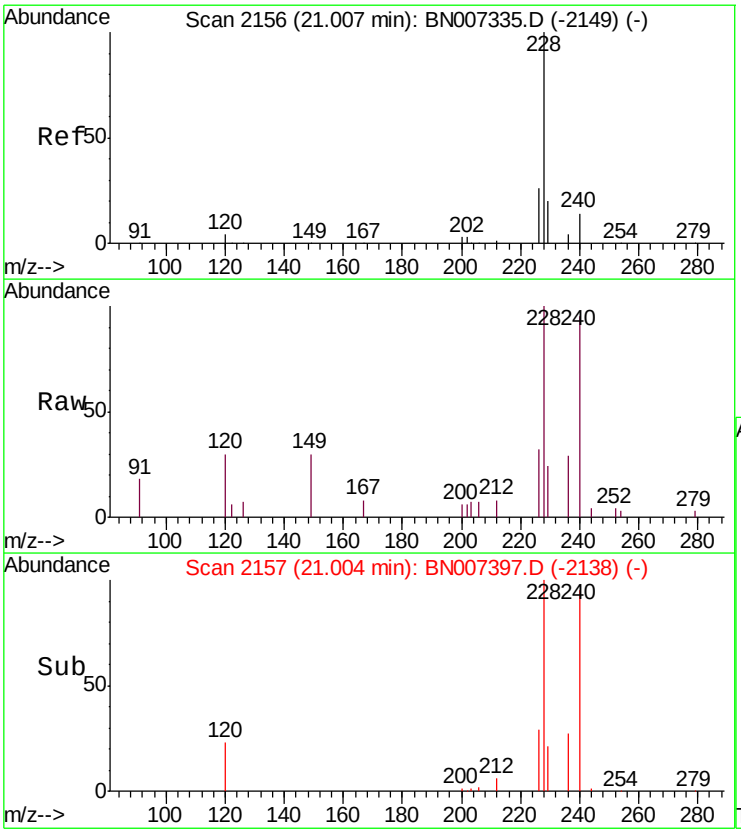
#29
Terphenyl-d14
Concen: 0.272 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:244 Resp: 12888

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.8	9.6	14.4

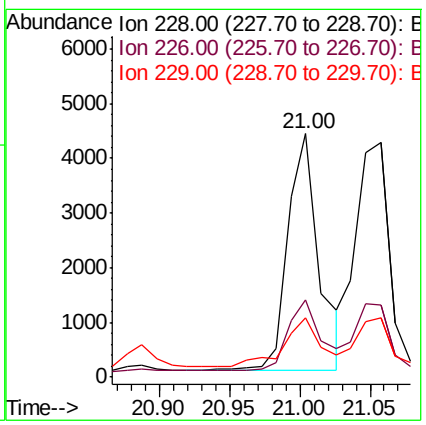


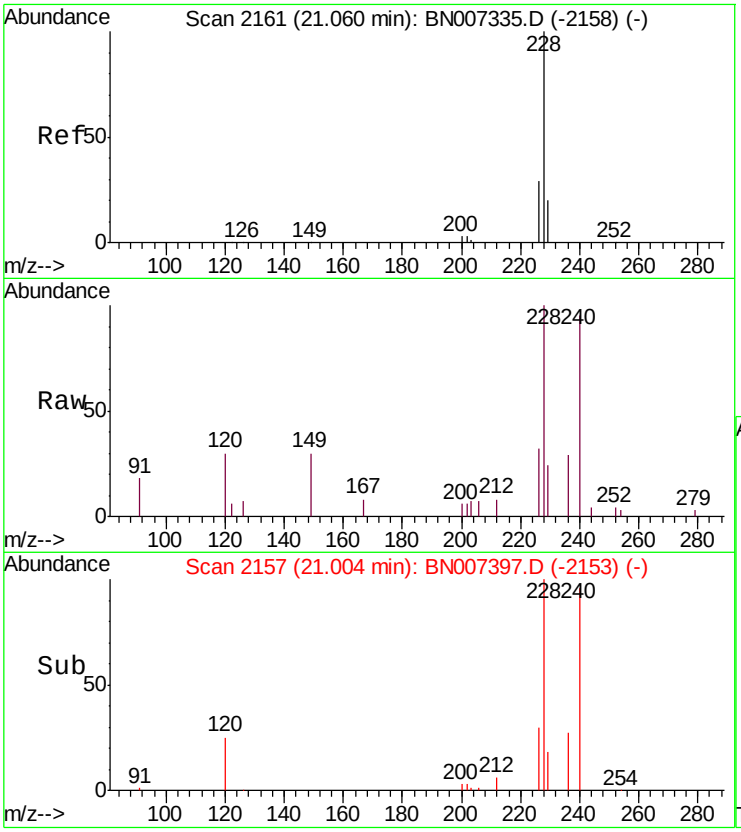


#30
Benzo(a)anthracene
Concen: 0.095 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:228 Resp: 6732

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.3	31.9
229	24.3	16.1	24.1#



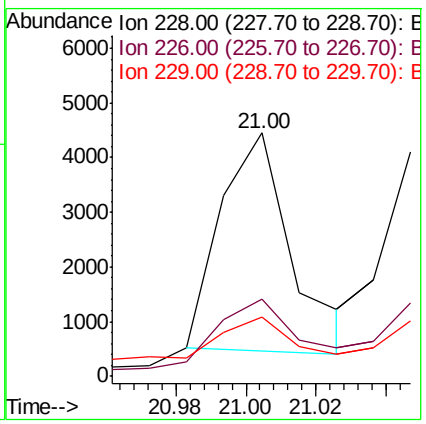


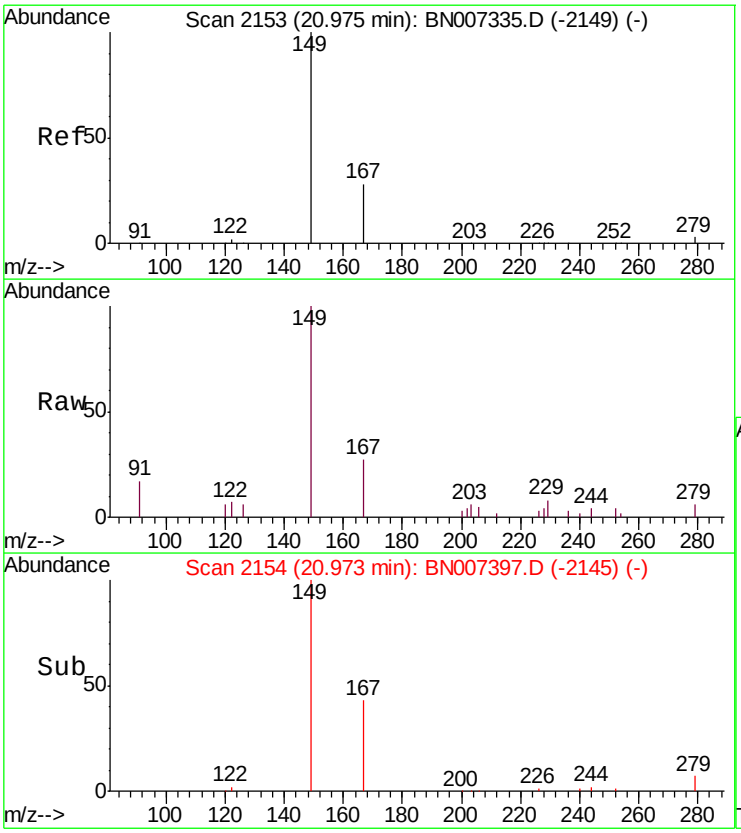
#31
Chrysene
Concen: 0.080 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.06 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:228 Resp: 5511

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.5	35.3
229	24.3	16.6	24.8

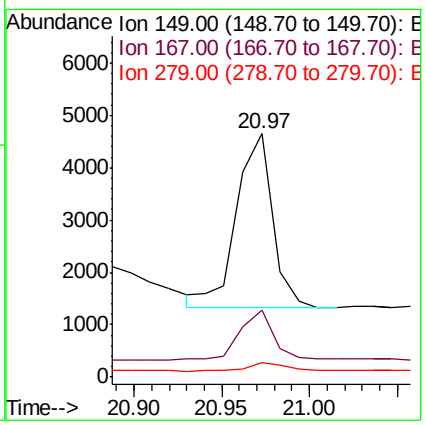


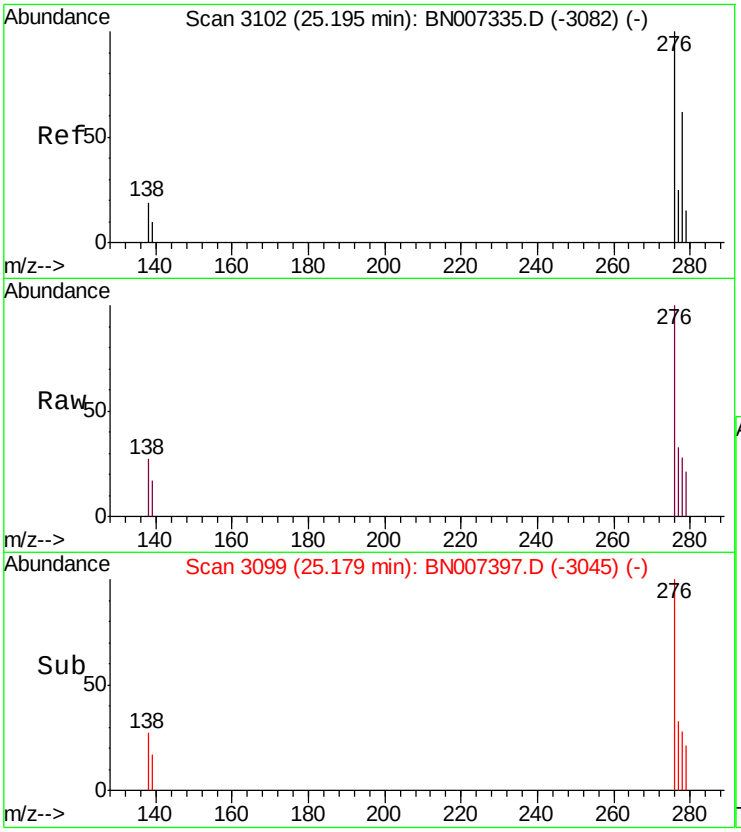


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 20.97 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:149 Resp: 4737

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.8	34.2
279	5.4	3.5	5.3#



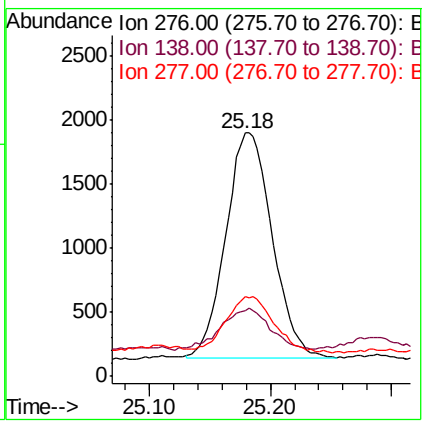


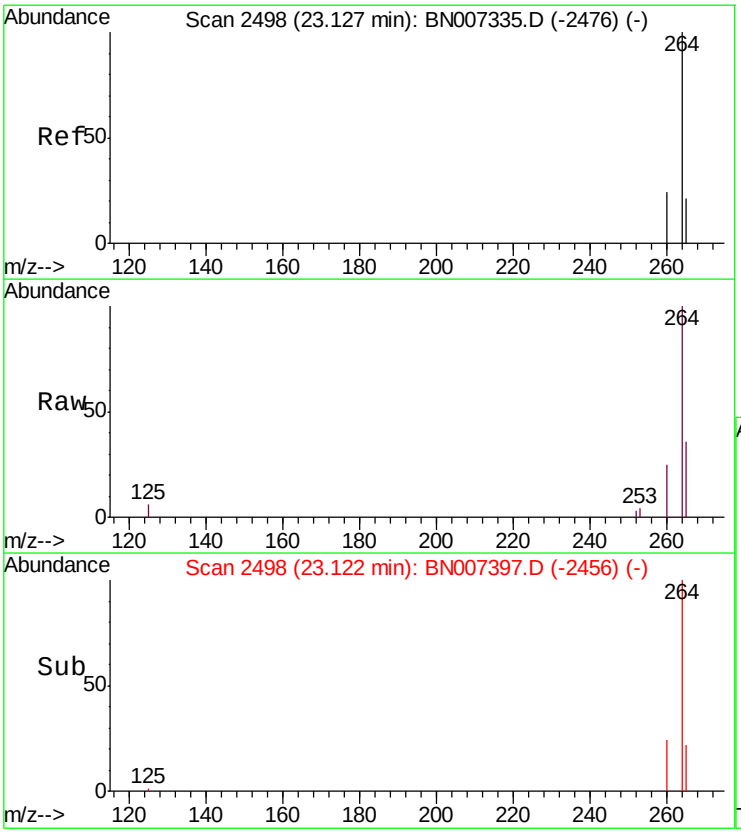
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:276 Resp: 4648

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.1	22.7
277	26.1	19.7	29.5

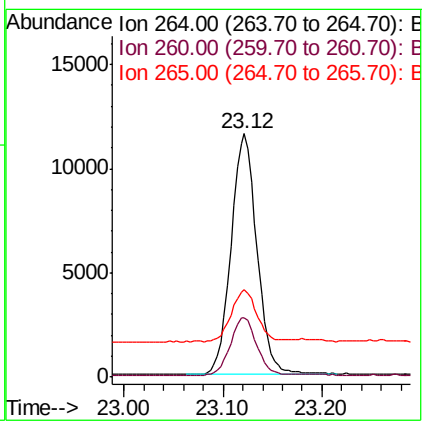


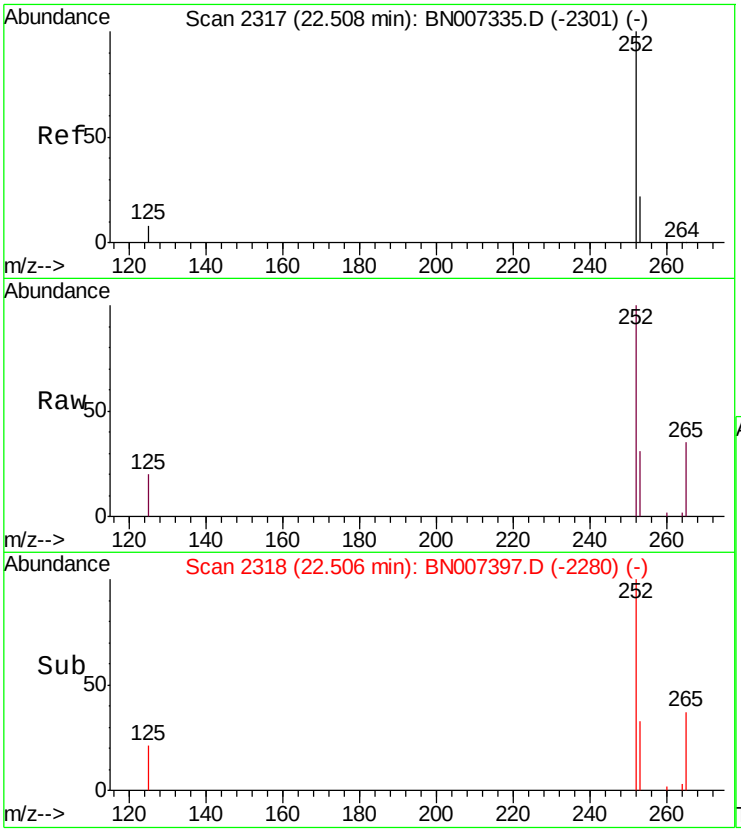


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:264 Resp: 20897

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	35.9	29.9	44.9



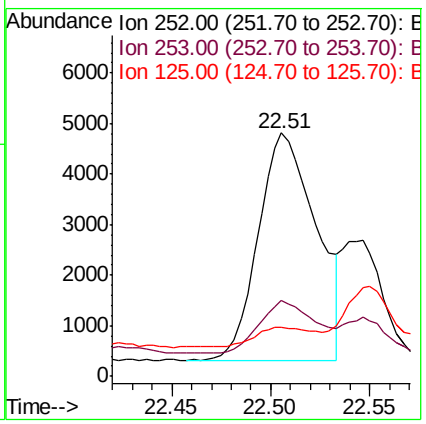


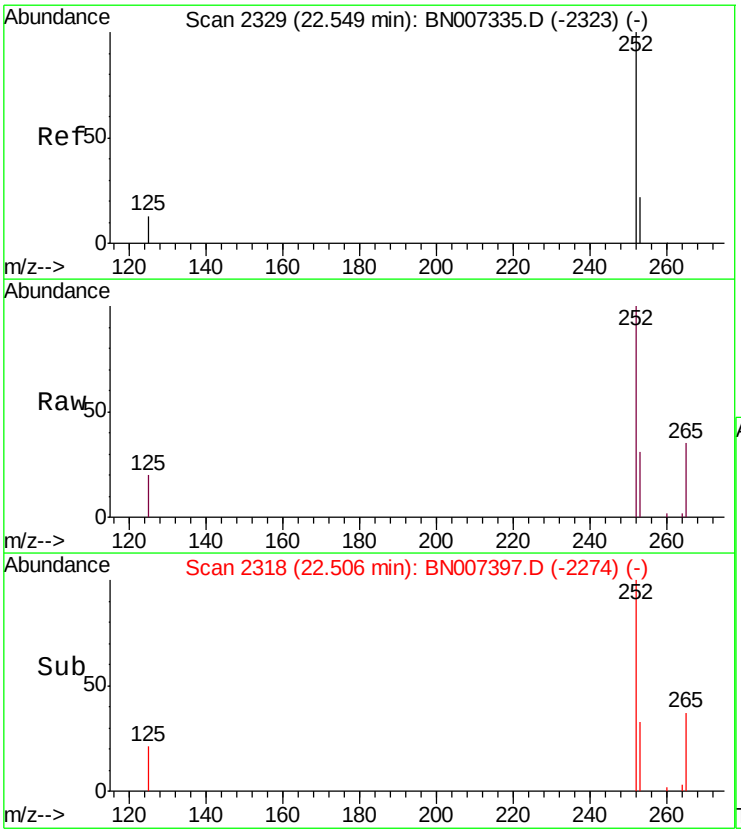
#35
Benzo(b)fluoranthene
Concen: 0.121 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:252 Resp: 9149

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.2	28.8#
125	20.1	10.6	16.0#

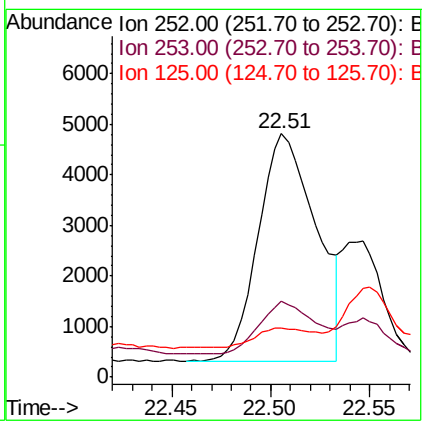


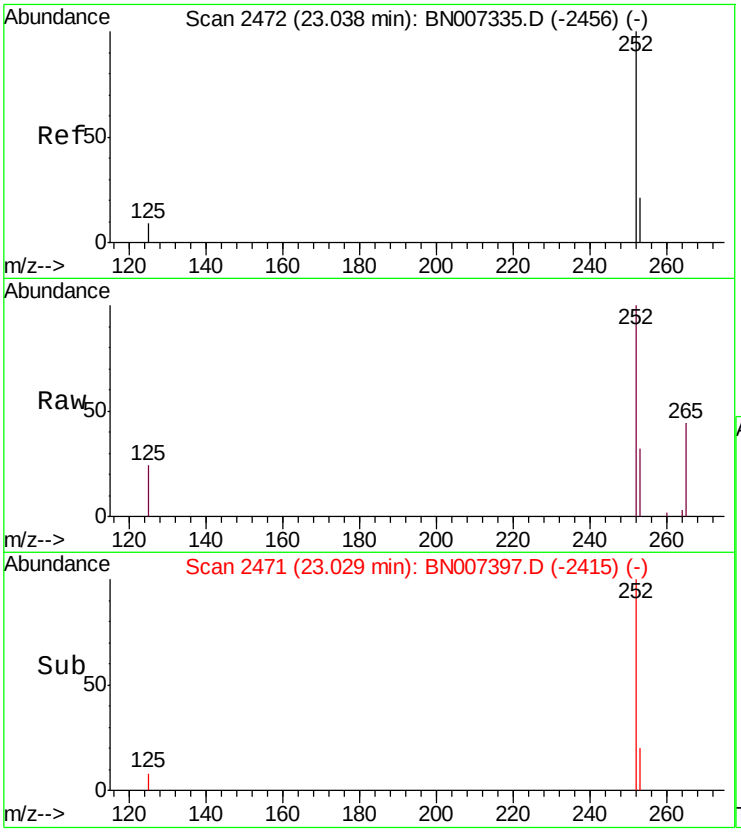


#36
Benzo(k)fluoranthene
Concen: 0.122 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:252 Resp: 9149

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.4	29.2#
125	20.1	13.1	19.7#



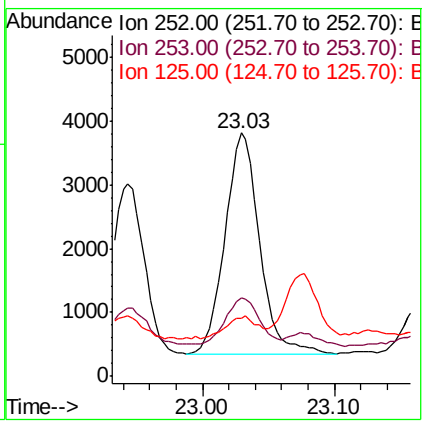


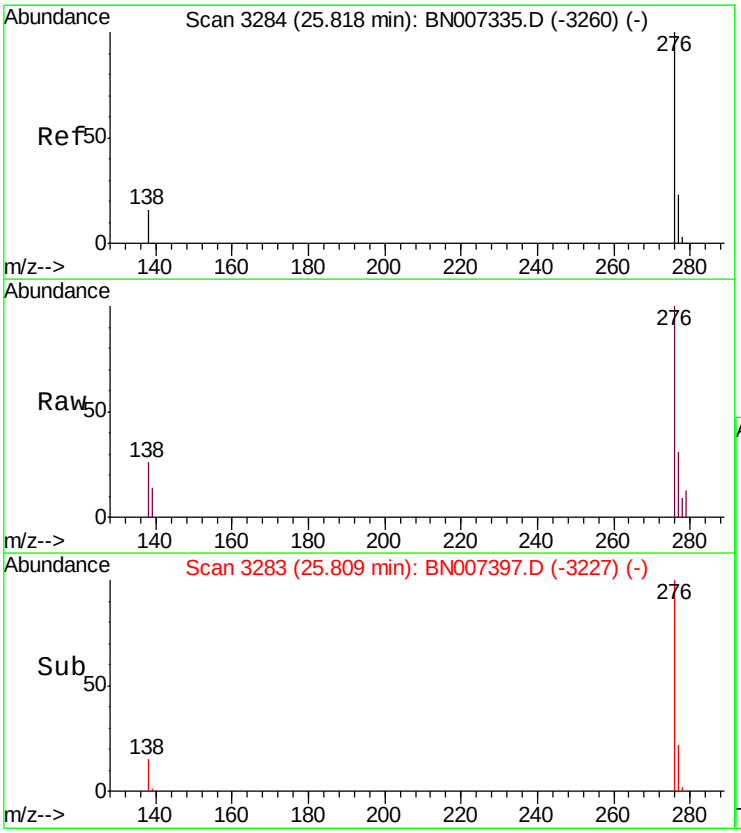
#37
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219

Tgt Ion:252 Resp: 6332

Ion	Ratio	Lower	Upper
252	100		
253	32.2	19.5	29.3#
125	23.6	12.1	18.1#





#39
Benzo(g,h,i)perylene
Concen: 0.070 ng
RT: 25.81 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BN007397.D
Acq: 25 Aug 2019 16:02

Tgt Ion:276 Resp: 5016

Ion	Ratio	Lower	Upper
276	100		
277	31.4	19.6	29.4#
138	26.4	16.3	24.5#