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

Quantitation Report (Not Reviewed)

Data File : BN007399.D
Acq On : 25 Aug 2019 17:14
Operator : HP/JU
Sample : K4496-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 26 05:23:01 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	3860	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	15495	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	8179	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	17847	0.40	ng		0.00
27) Chrysene-d12	21.02	240	18156	0.40	ng		0.00
34) Perylene-d12	23.12	264	21652	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	3720	0.27	ng		0.00
5) Phenol-d6	6.59	99	4856	0.28	ng		0.00
8) Nitrobenzene-d5	8.45	82	294	0.02	ng		-0.08
11) 2-Methylnaphthalene-d10	11.75	152	10103	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1287	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	8780	0.27	ng		0.00
25) Fluoranthene-d10	18.84	212	14661	0.26	ng		0.00
29) Terphenyl-d14	19.46	244	10407	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	1892	0.295	ng	#	90
3) n-Nitrosodimethylamine	3.30	42	1011	0.339	ng	#	81
6) bis(2-Chloroethyl)ether	6.83	93	4480	0.321	ng		98
9) Naphthalene	10.20	128	15889	0.359	ng	#	91
10) Hexachlorobutadiene	10.51	225	2822	0.311	ng	#	99
12) 2-Methylnaphthalene	11.83	142	11047	0.366	ng		95
16) Acenaphthylene	13.75	152	17160	0.355	ng		99
17) Acenaphthene	14.11	154	9735	0.344	ng		100
18) Fluorene	15.10	166	12396	0.346	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	1271	0.181	ng	#	87
21) Hexachlorobenzene	16.11	284	4285	0.358	ng		98
22) Pentachlorophenol	16.46	266	1603	0.431	ng	#	63
23) Phenanthrene	16.83	178	23648	0.441	ng		99
24) Anthracene	16.93	178	19797	0.367	ng		99
26) Fluoranthene	18.87	202	32637	0.474	ng		99
28) Pyrene	19.23	202	34651	0.474	ng		99
30) Benzo(a)anthracene	21.00	228	30749	0.431	ng		97
31) Chrysene	21.05	228	30094	0.437	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	18201	0.375	ng		100
33) Indeno(1,2,3-cd)pyrene	25.18	276	38791	0.468	ng		99
35) Benzo(b)fluoranthene	22.50	252	35400	0.451	ng		98
36) Benzo(k)fluoranthene	22.54	252	31123	0.401	ng		98
37) Benzo(a)pyrene	23.03	252	32405	0.434	ng		97
38) Dibenzo(a,h)anthracene	25.19	278	29413	0.395	ng		97
39) Benzo(g,h,i)perylene	25.80	276	34523	0.465	ng		98

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

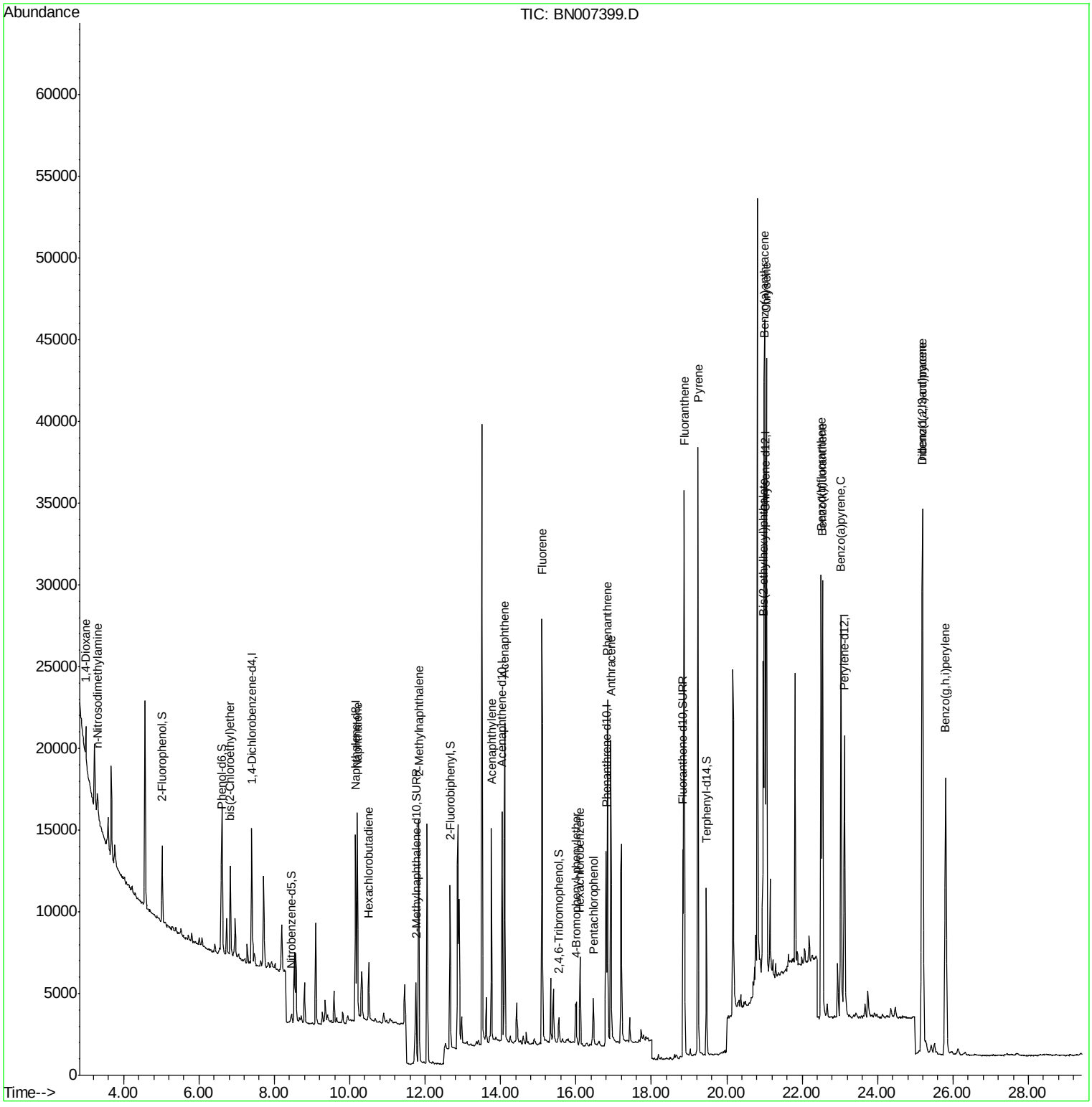
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082519\

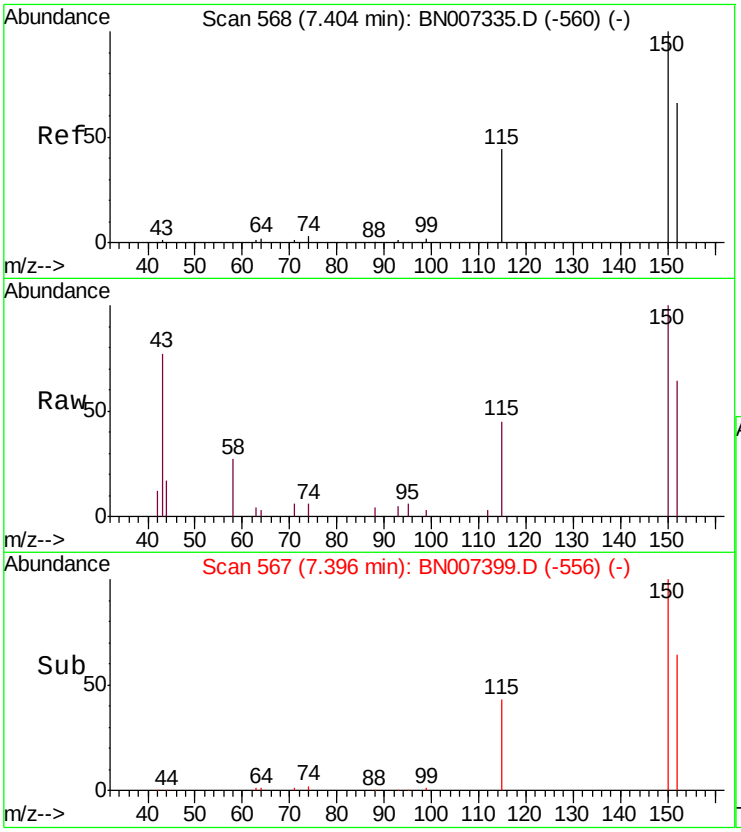
Quantitation Report (Not Reviewed)

Data File : BN007399.D
Acq On : 25 Aug 2019 17:14
Operator : HP/JU
Sample : K4496-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 26 05:23:01 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



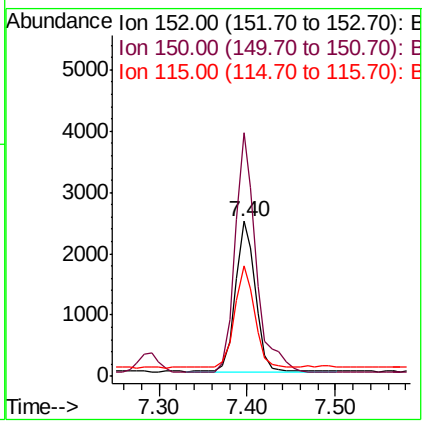


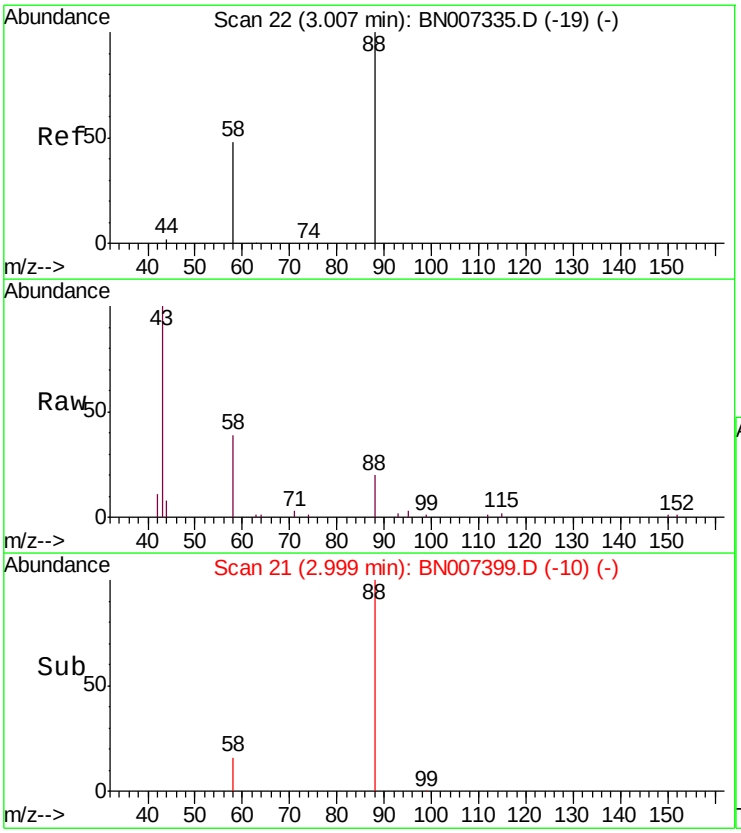
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:152 Resp: 3860

Ion	Ratio	Lower	Upper
152	100		
150	157.0	109.1	163.7
115	71.1	59.6	89.4

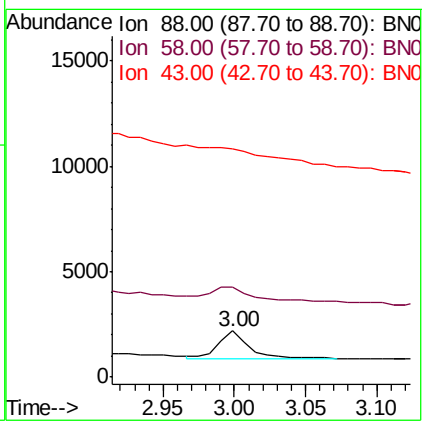


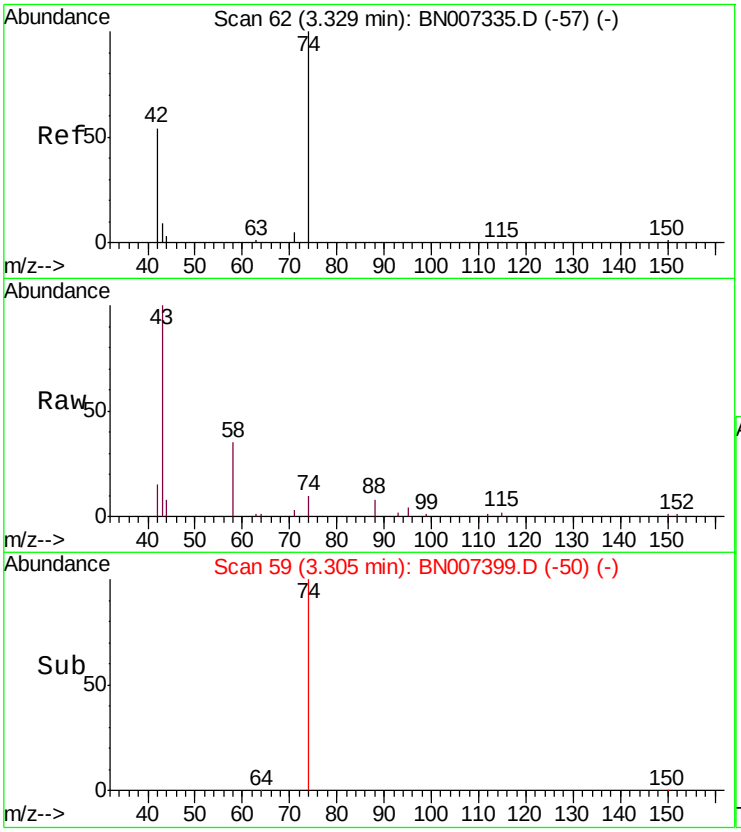


#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion: 88 Resp: 1892

Ion	Ratio	Lower	Upper
88	100		
58	70.8	50.5	75.7
43	0.0	0.0	0.0



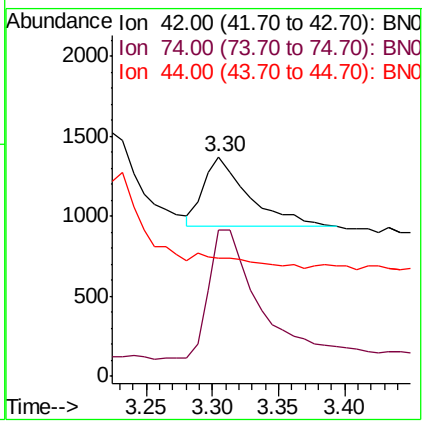


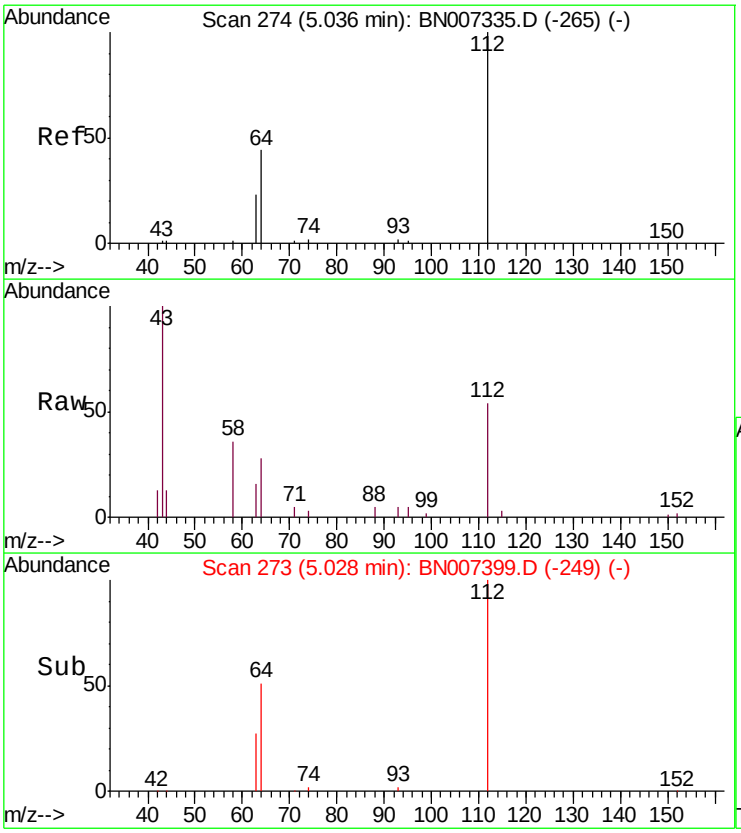
#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.30 min Scan# 59
Delta R.T. -0.02 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion: 42 Resp: 1011

Ion	Ratio	Lower	Upper
42	100		
74	208.6	144.7	217.1
44	0.0	3.2	4.8#

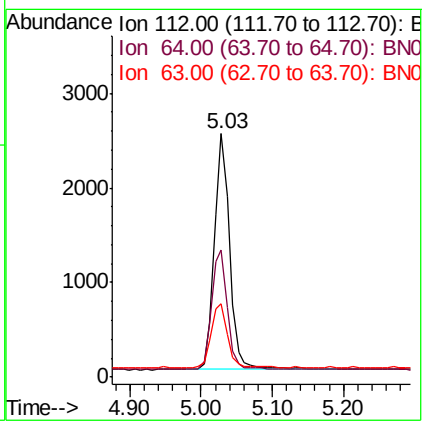


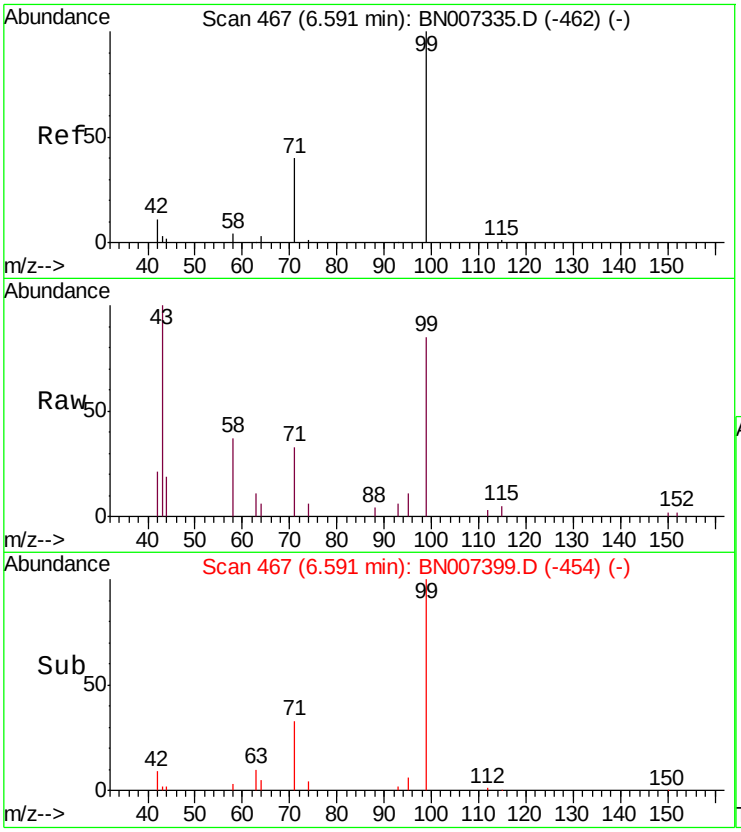


#4
2-Fluorophenol
Concen: 0.268 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:112 Resp: 3720

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.3	63.5
63	29.2	23.6	35.4



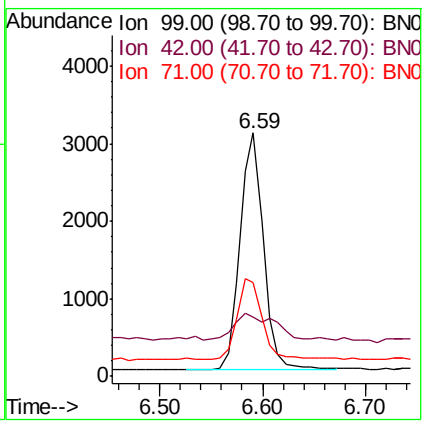


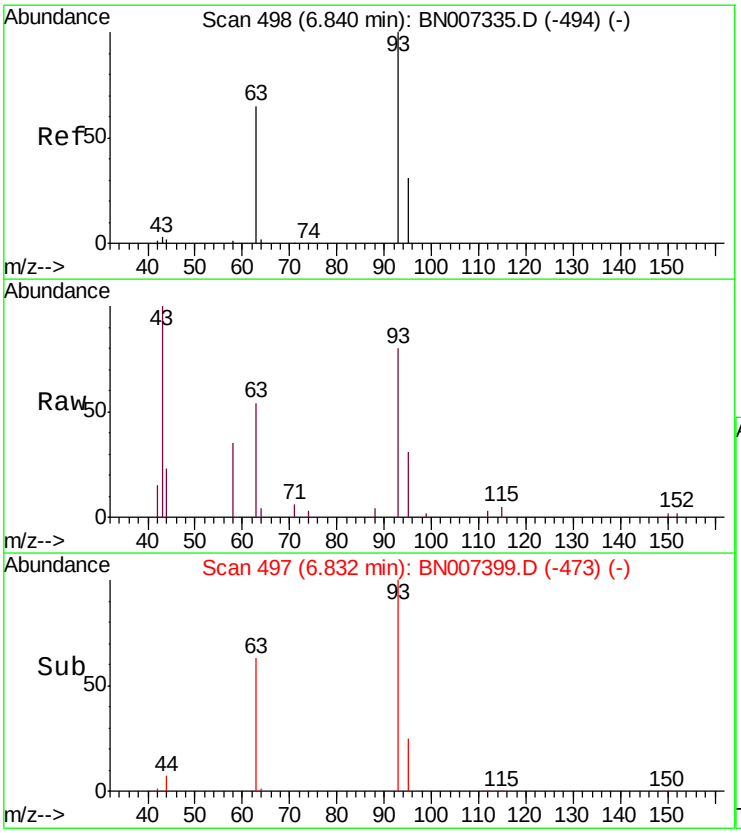
#5
Phenol-d6
Concen: 0.276 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion: 99 Resp: 4856

Ion	Ratio	Lower	Upper
99	100		
42	18.8	11.2	16.8#
71	36.7	31.8	47.8

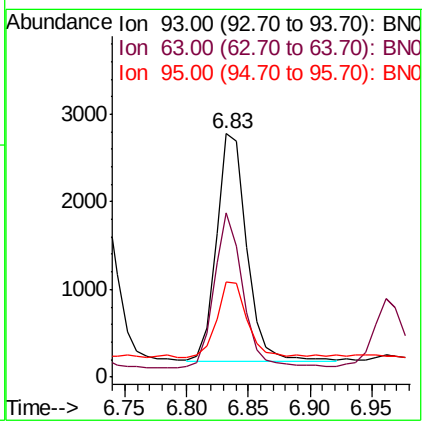


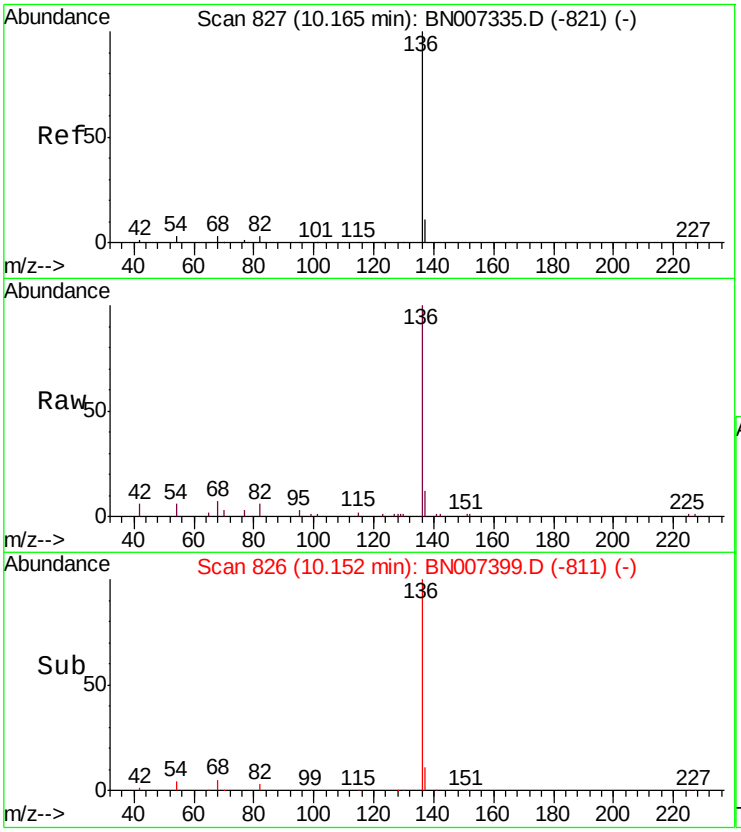


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion: 93 Resp: 4480

Ion	Ratio	Lower	Upper
93	100		
63	63.8	51.9	77.9
95	32.4	27.7	41.5



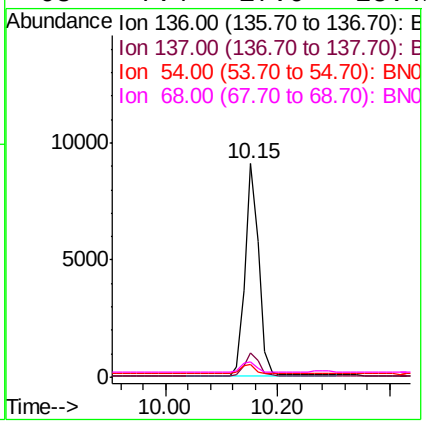


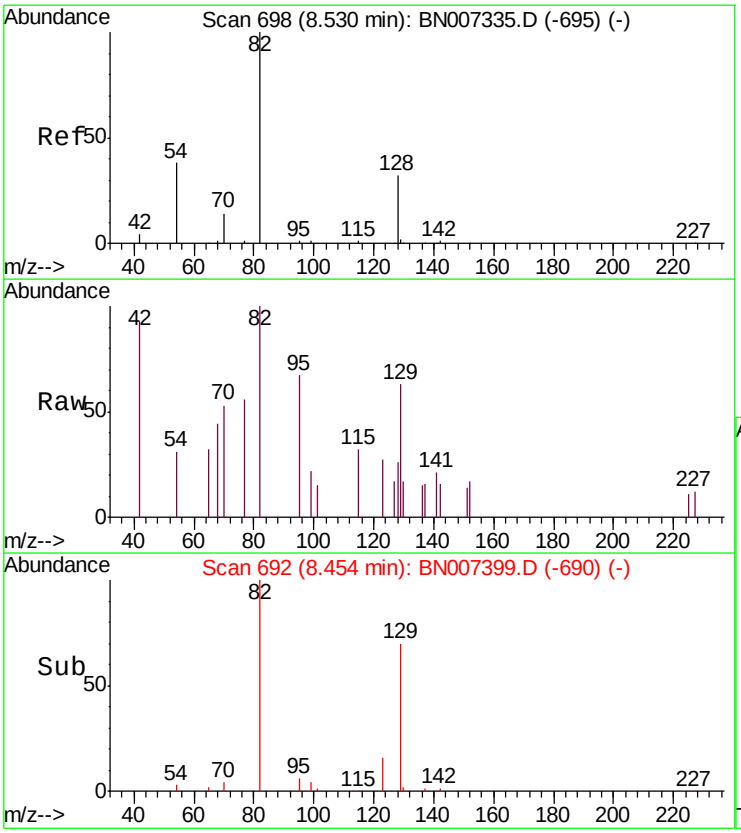
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:136 Resp: 15495

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	5.7	8.6	12.8#
68	7.4	17.0	25.4#

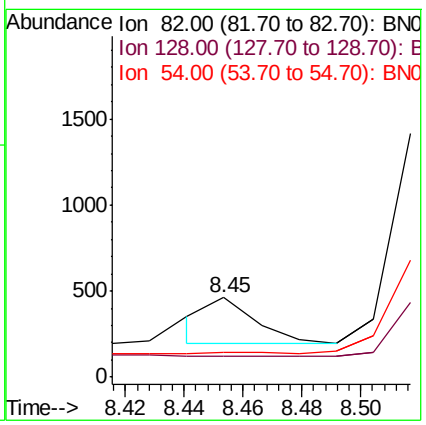


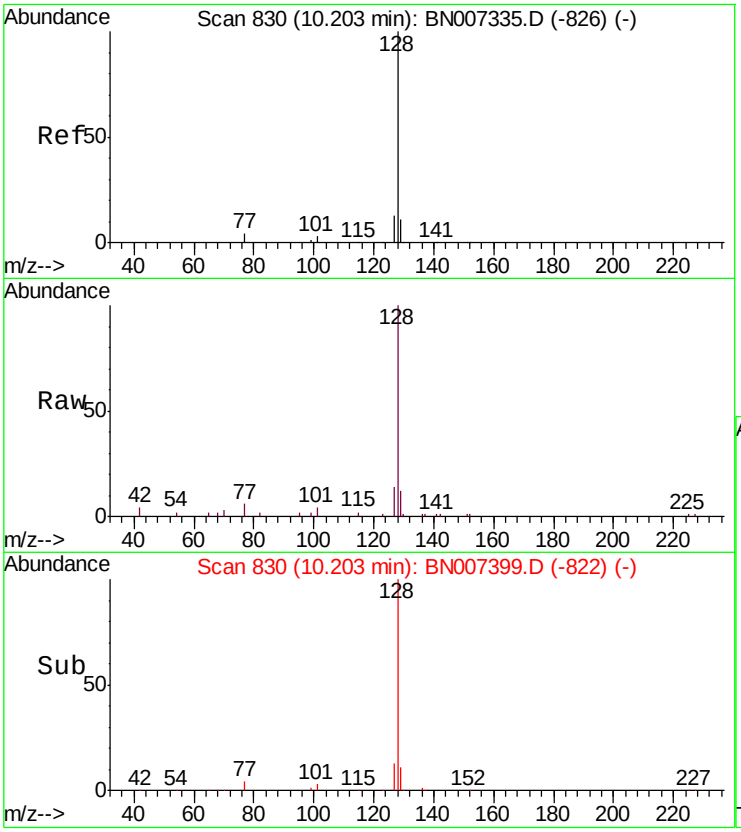


#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 8.45 min Scan# 692
Delta R.T. -0.08 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion: 82 Resp: 294

Ion	Ratio	Lower	Upper
82	100		
128	26.1	19.7	29.5
54	30.7	25.8	38.6



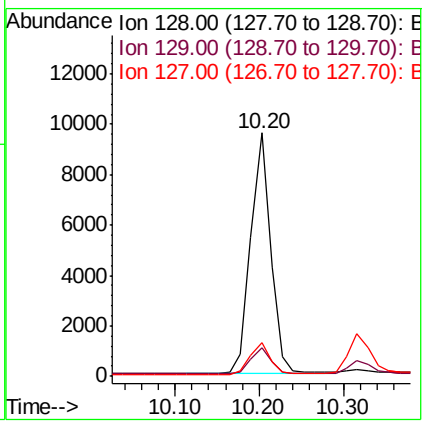


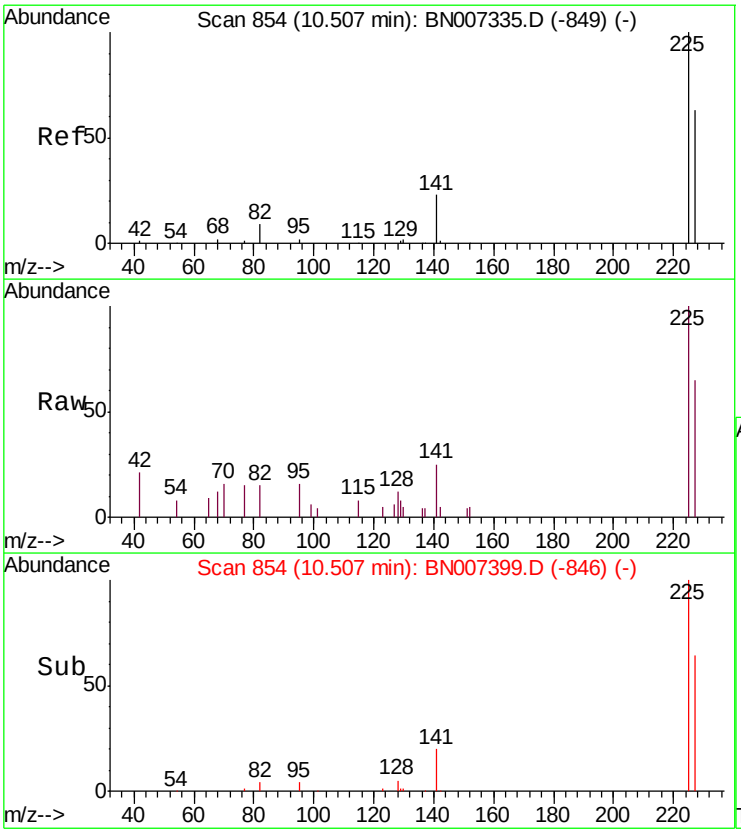
#9
Naphthalene
Concen: 0.359 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:128 Resp: 15889

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.1	16.7
127	13.6	15.5	23.3#

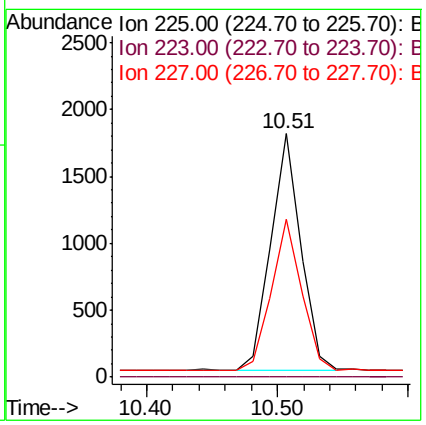


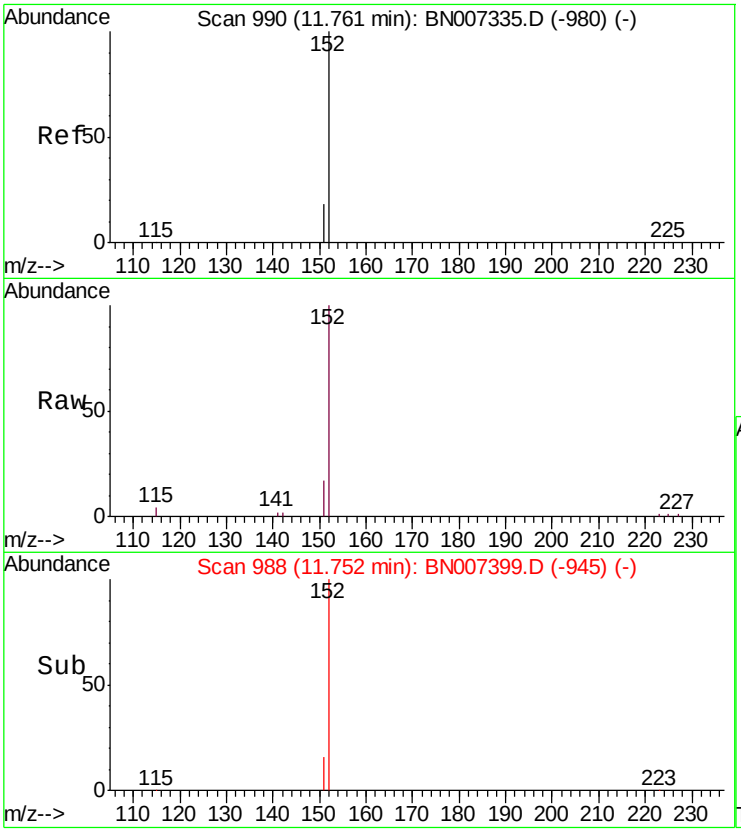


#10
Hexachlorobutadiene
Concen: 0.311 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:225 Resp: 2822

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.7	76.1



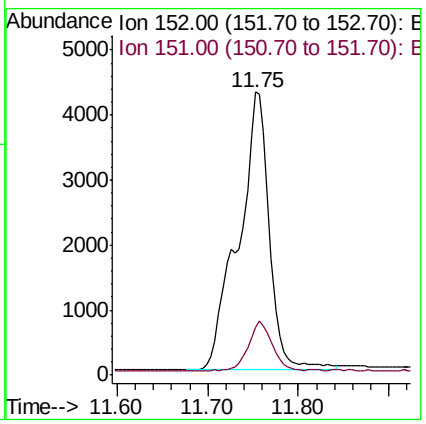


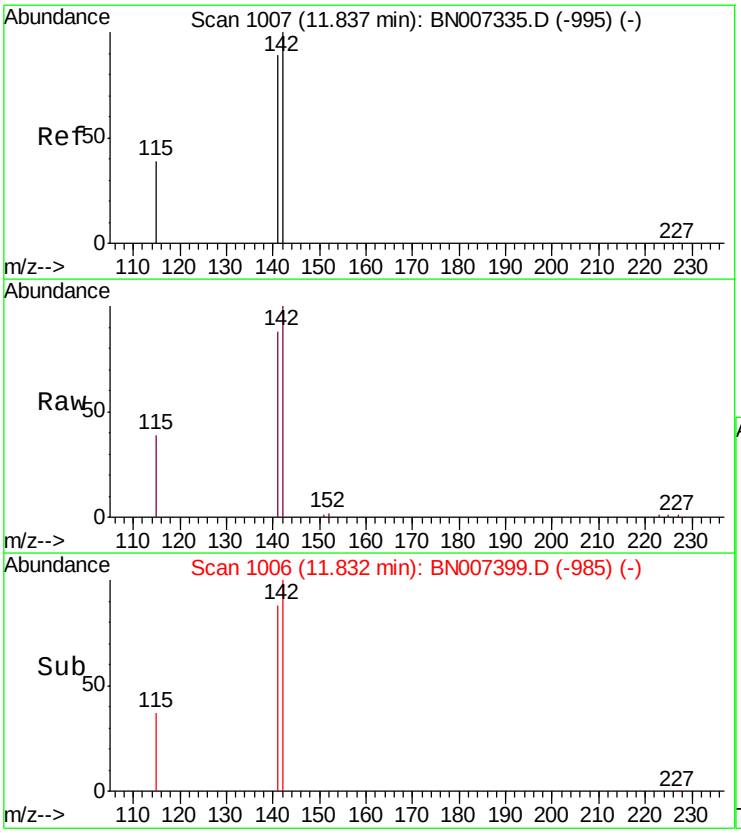
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:152 Resp: 10103

Ion	Ratio	Lower	Upper
152	100		
151	13.6	16.2	24.2#

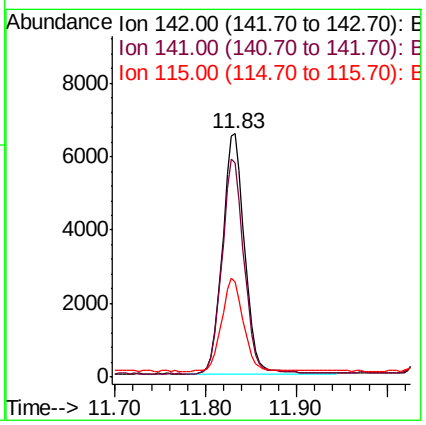


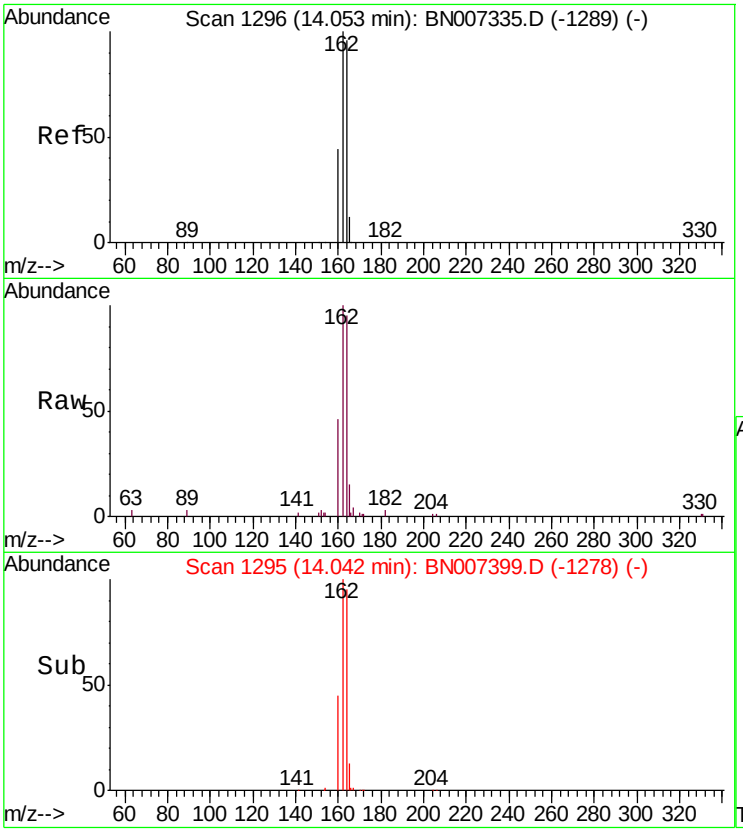


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:142 Resp: 11047

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.8	109.2
115	39.2	35.2	52.8



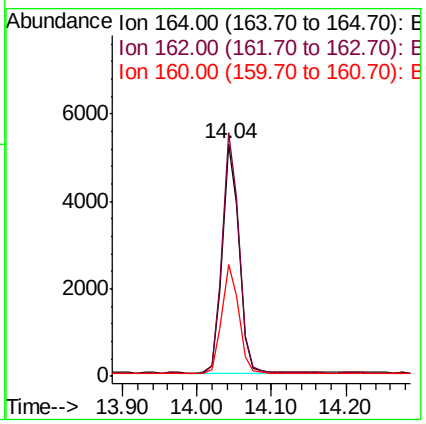


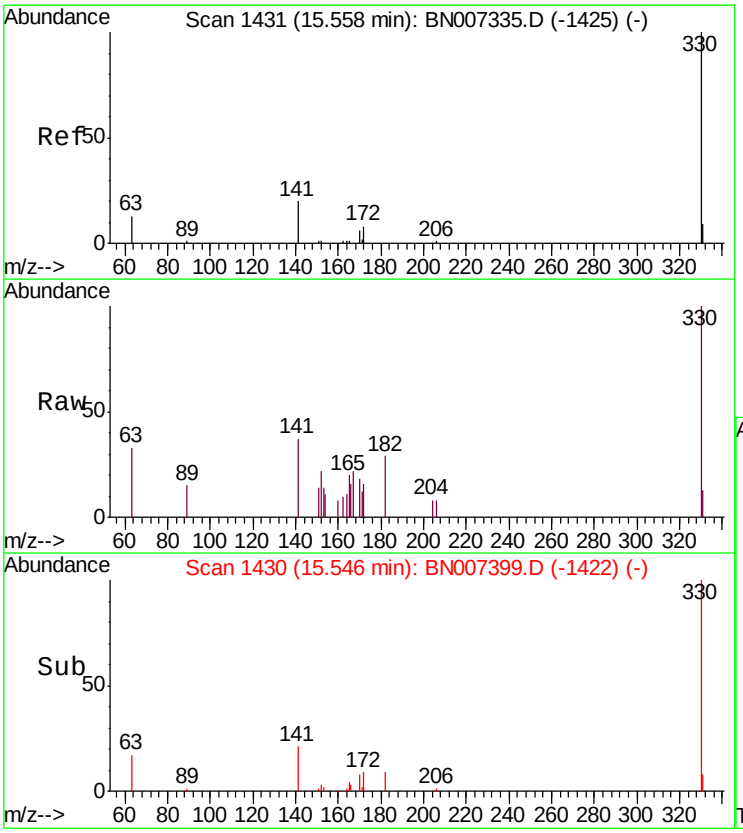
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:164 Resp: 8179

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.5	125.3
160	48.3	38.2	57.4

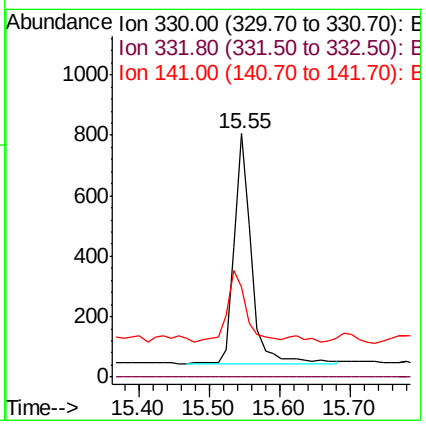


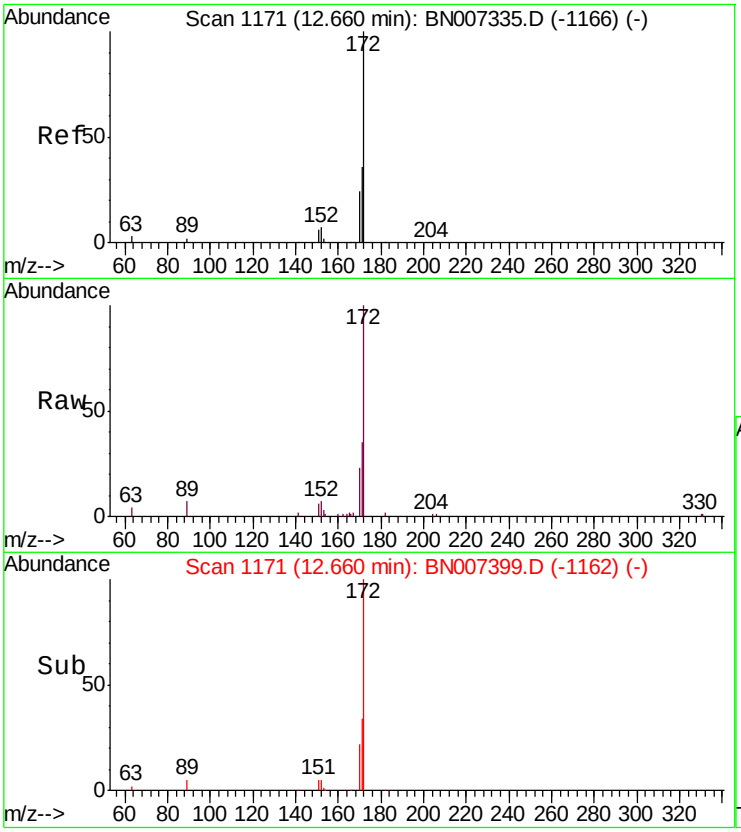


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:330 Resp: 1287

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.7	26.9	40.3



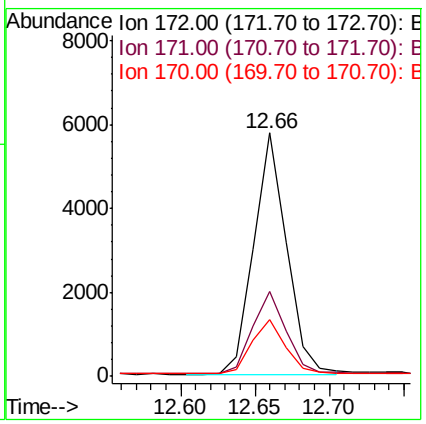


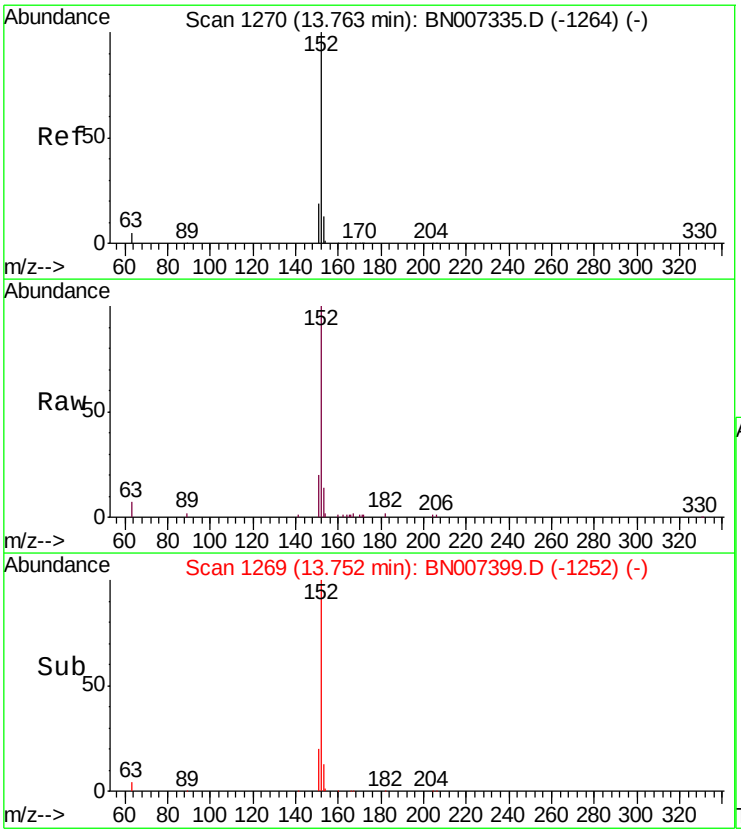
#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:172 Resp: 8780

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.3	45.5
170	23.2	20.7	31.1

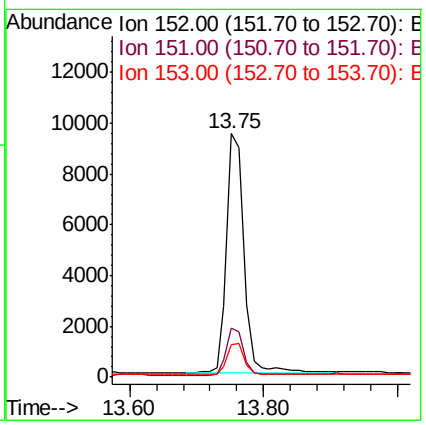


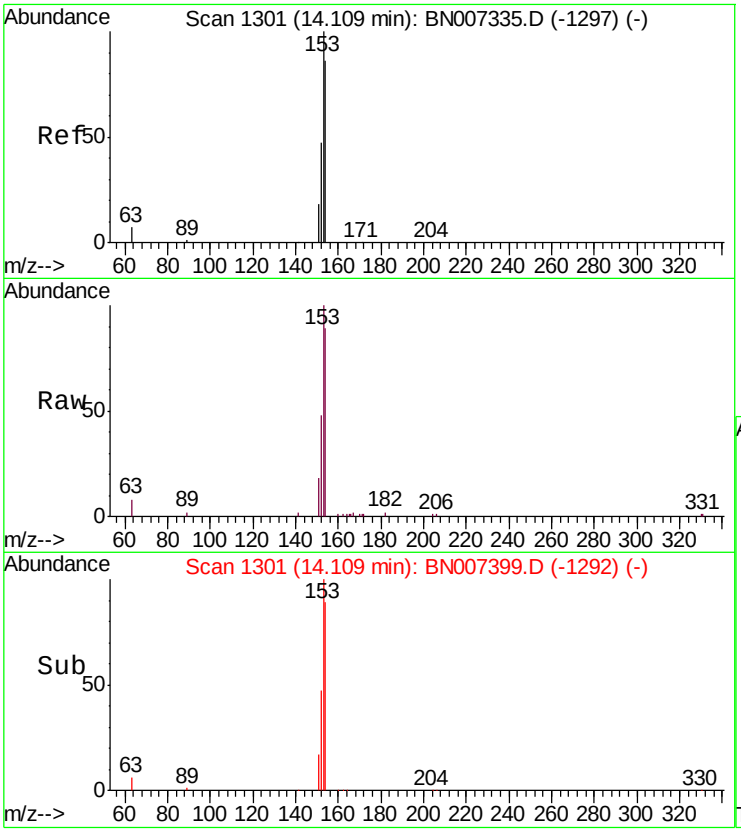


#16
Acenaphthylene
Concen: 0.355 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:152 Resp: 17160

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.1	24.1
153	13.1	10.6	15.8



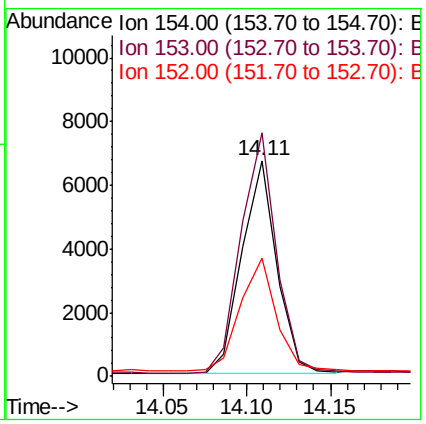


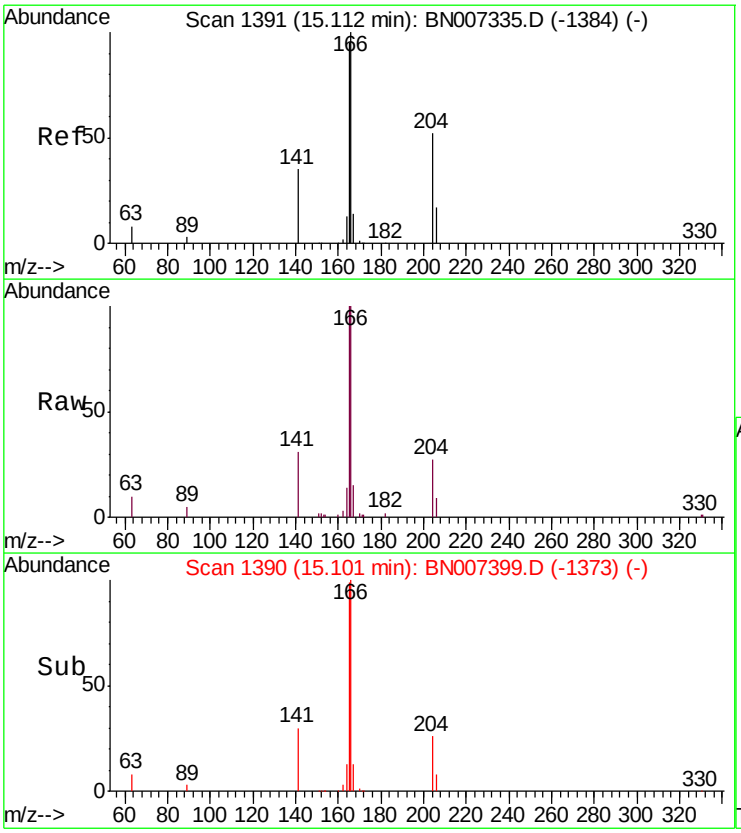
#17
Acenaphthene
Concen: 0.344 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:154 Resp: 9735

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.8	139.2
152	54.8	43.8	65.8

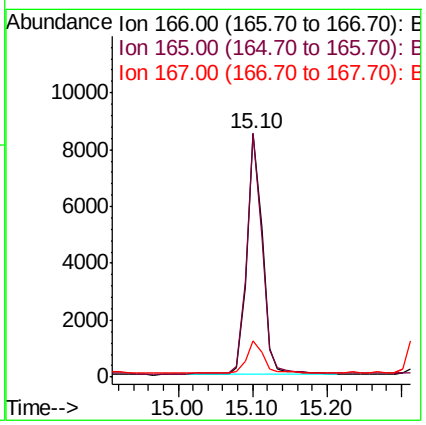


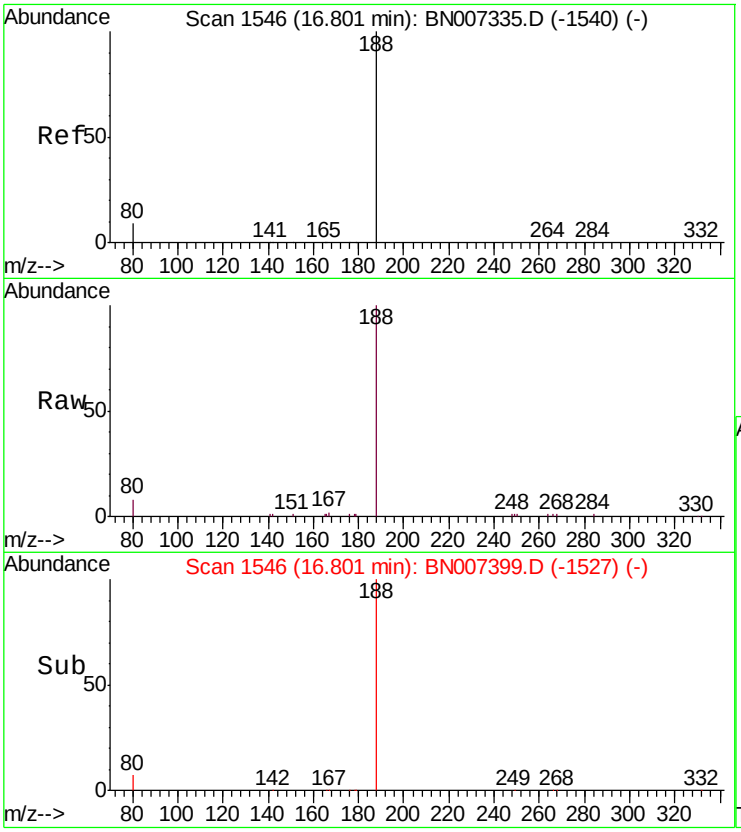


#18
Fluorene
Concen: 0.346 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:166 Resp: 12396

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.9	10.6	15.8



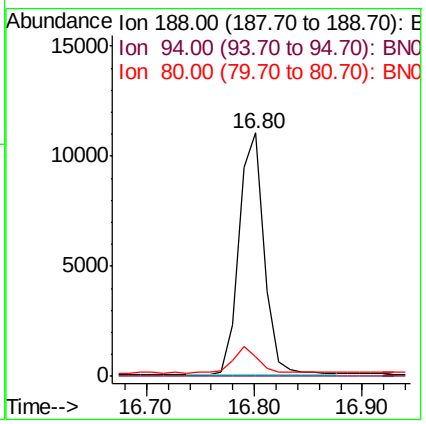


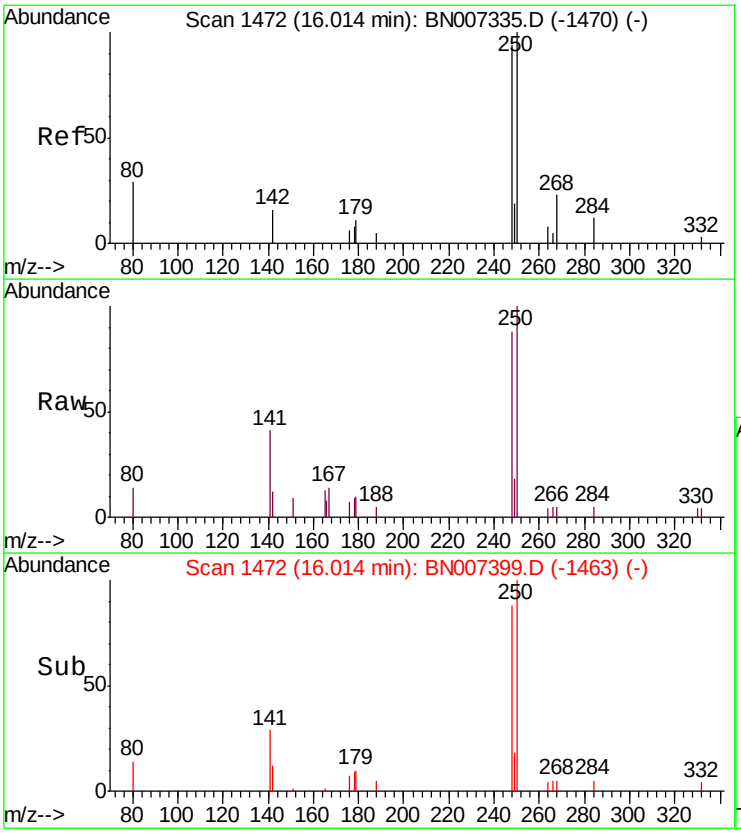
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:188 Resp: 17847

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	11.8	17.8#

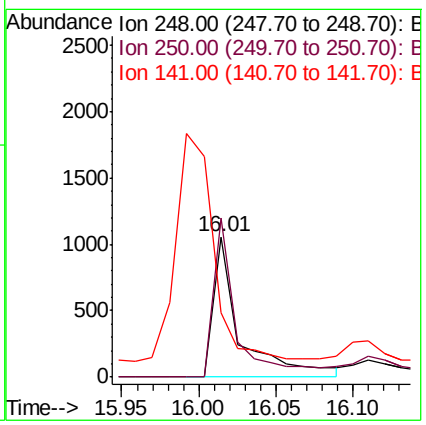


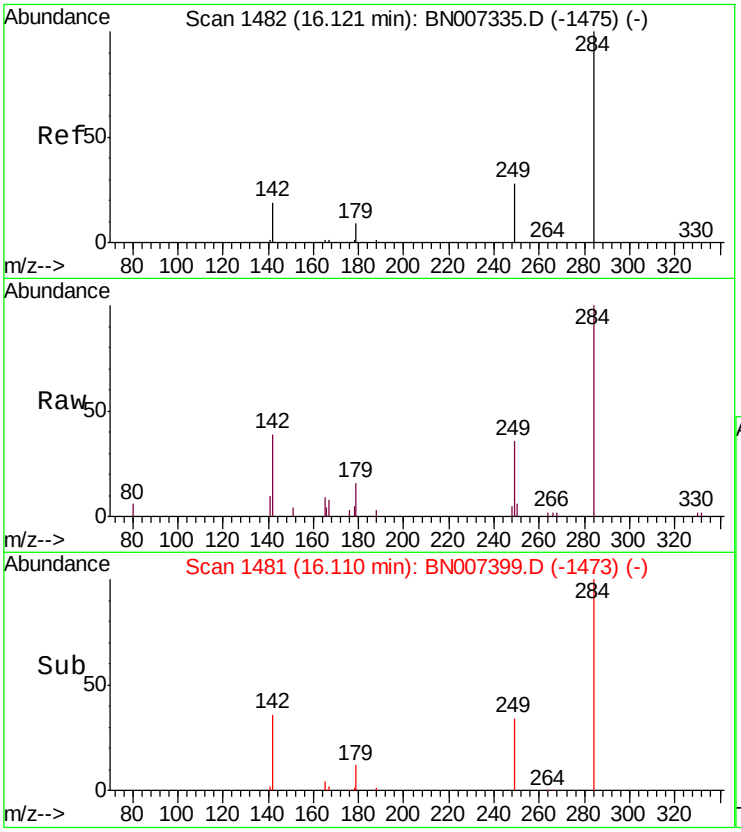


#20
4-Bromophenyl-phenylether
Concen: 0.181 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:248 Resp: 1271

Ion	Ratio	Lower	Upper
248	100		
250	113.9	85.0	127.6
141	46.2	51.7	77.5#



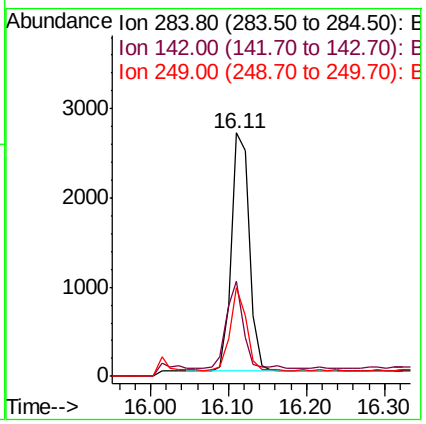


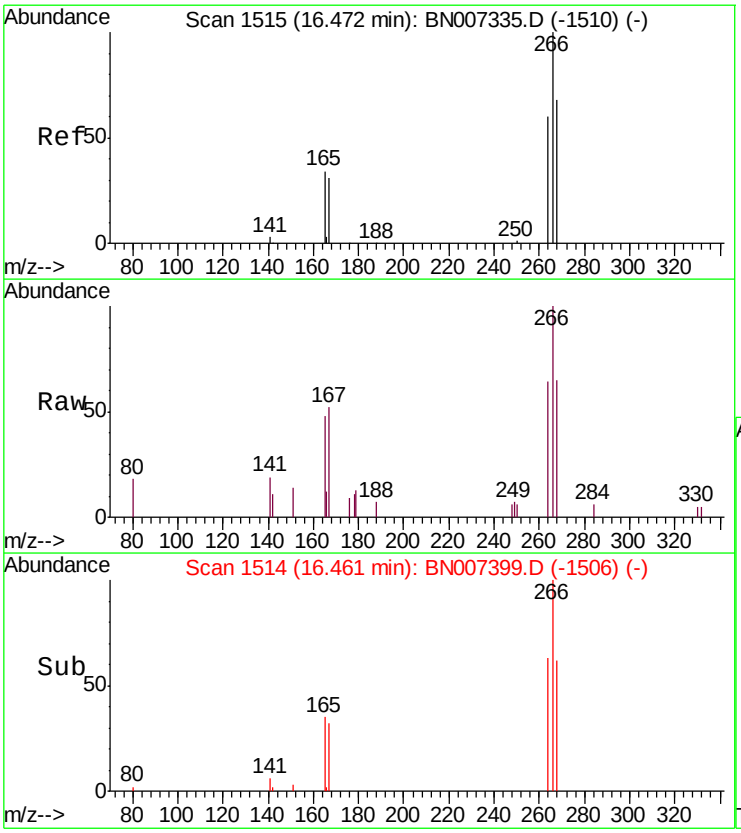
#21
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:284 Resp: 4285

Ion	Ratio	Lower	Upper
284	100		
142	34.1	29.0	43.6
249	30.9	24.9	37.3

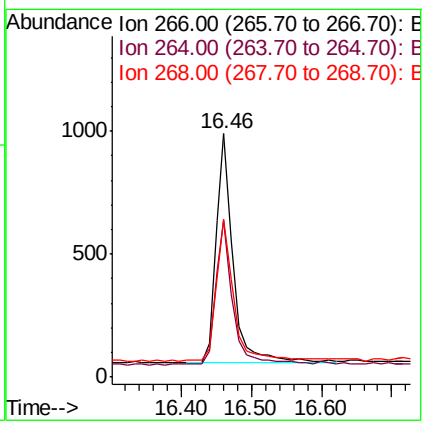


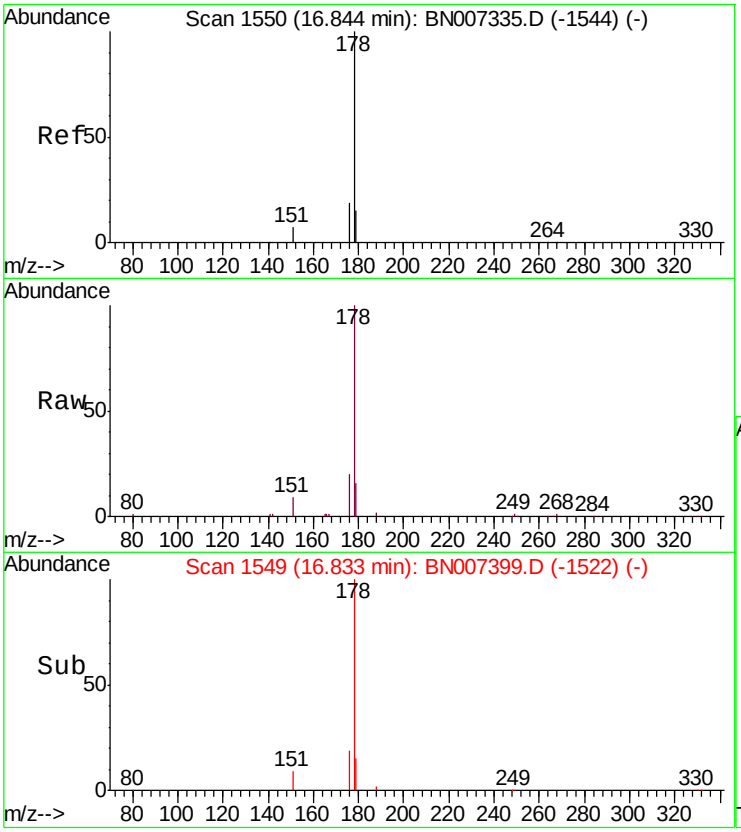


#22
Pentachlorophenol
Concen: 0.431 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:266 Resp: 1603

Ion	Ratio	Lower	Upper
266	100		
264	64.3	57.8	86.8
268	64.9	99.7	149.5#



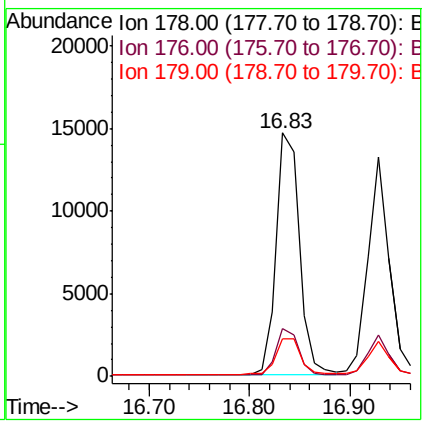


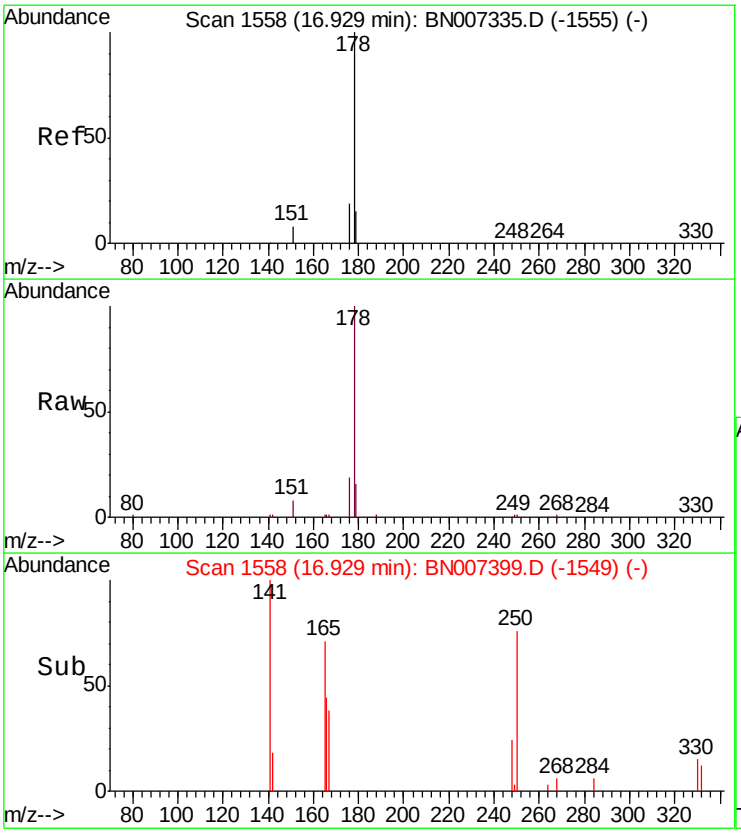
#23
Phenanthrene
Concen: 0.441 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:178 Resp: 23648

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

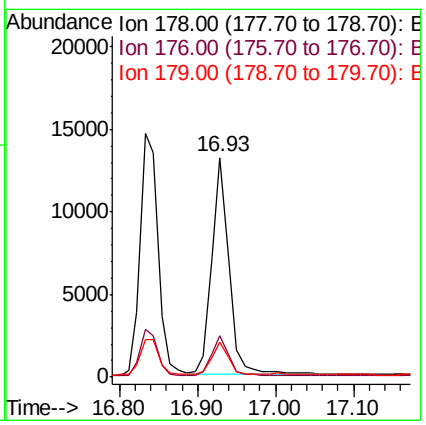


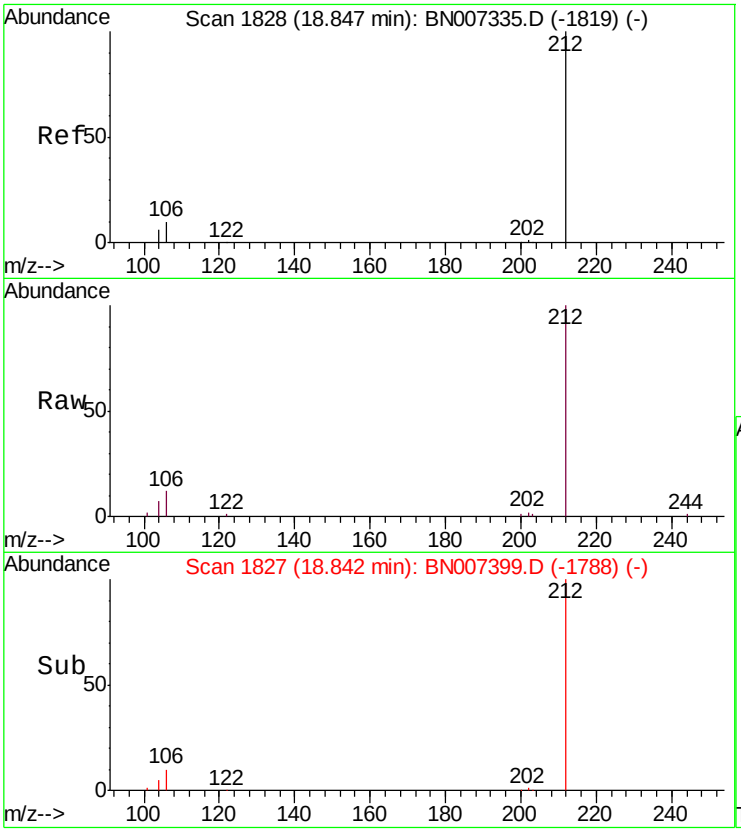


#24
Anthracene
Concen: 0.367 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:178 Resp: 19797

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	14.5	12.4	18.6



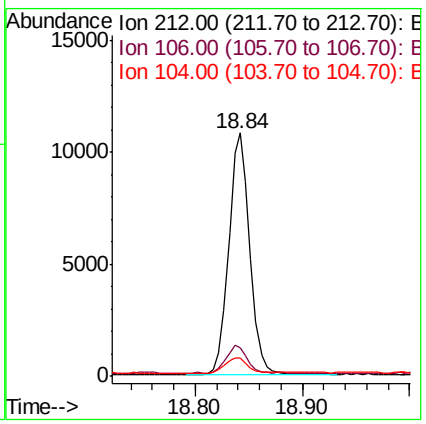


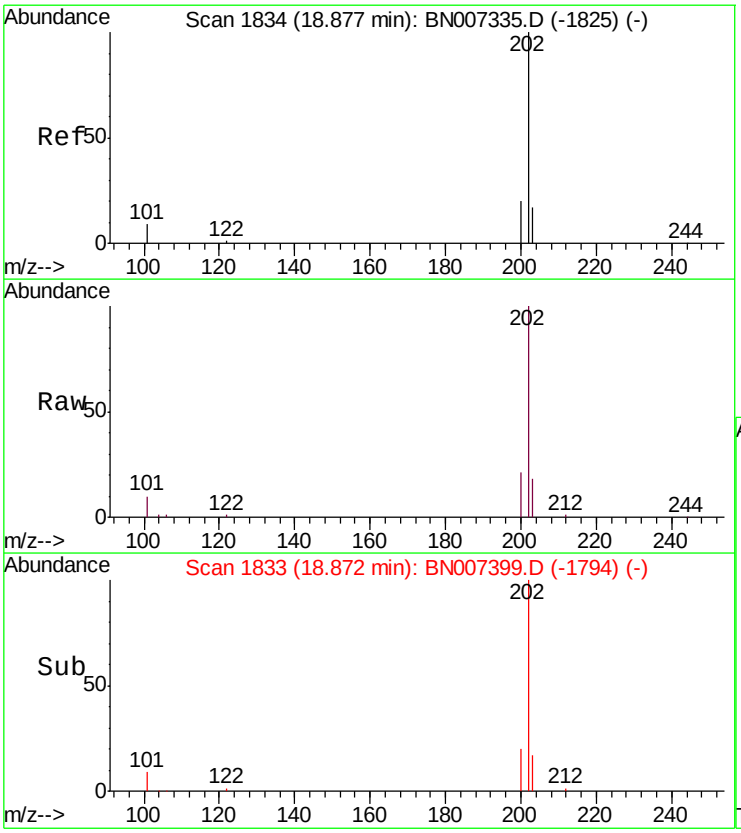
#25
Fluoranthene-d10
Concen: 0.255 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:212 Resp: 14661

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.0	13.4
104	7.1	5.4	8.2

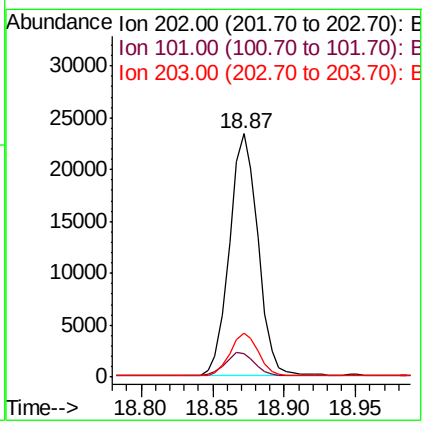


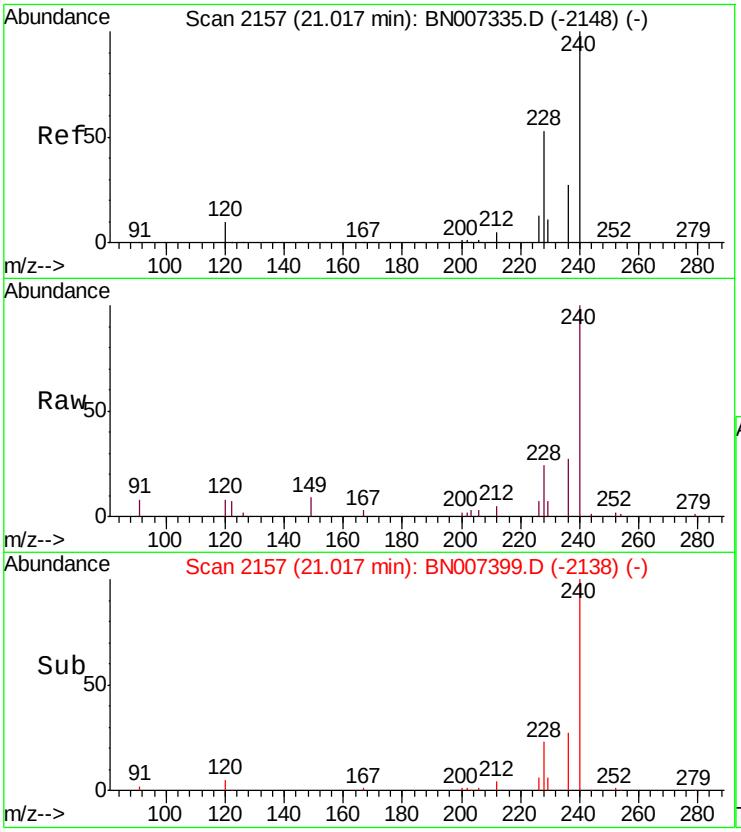


#26
Fluoranthene
Concen: 0.474 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:202 Resp: 32637

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.7	11.5
203	17.3	13.7	20.5



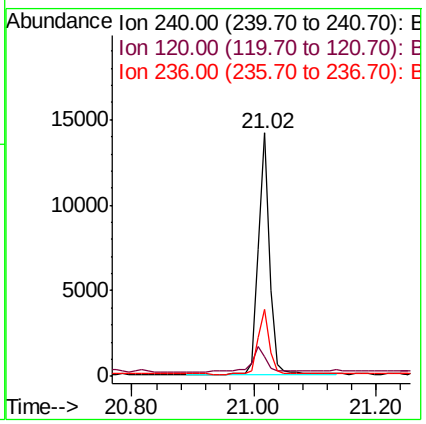


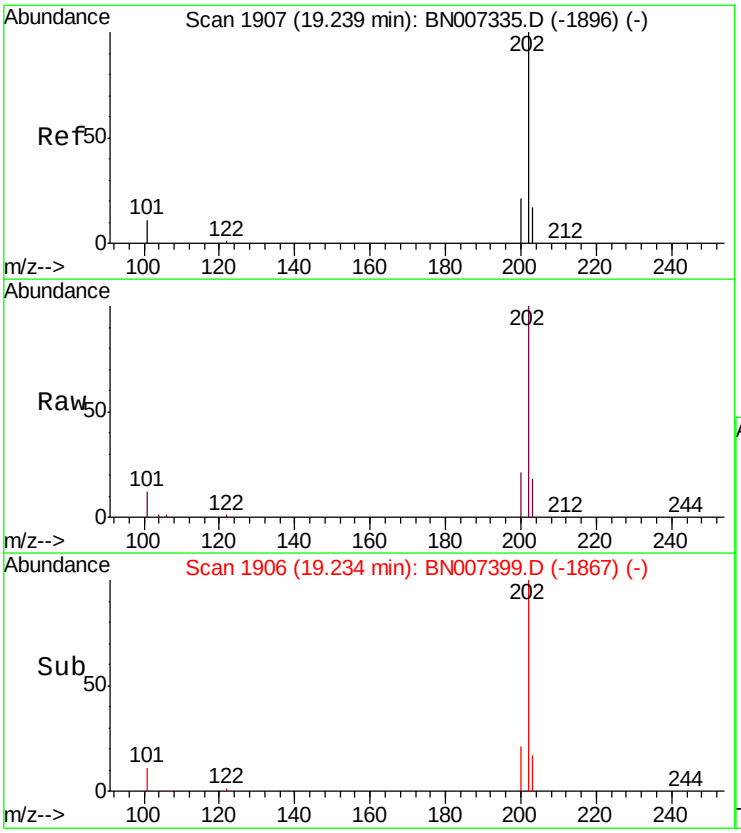
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:240 Resp: 18156

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.6	14.4#
236	27.3	22.2	33.2

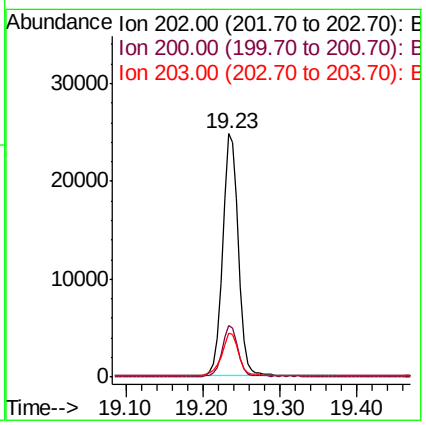


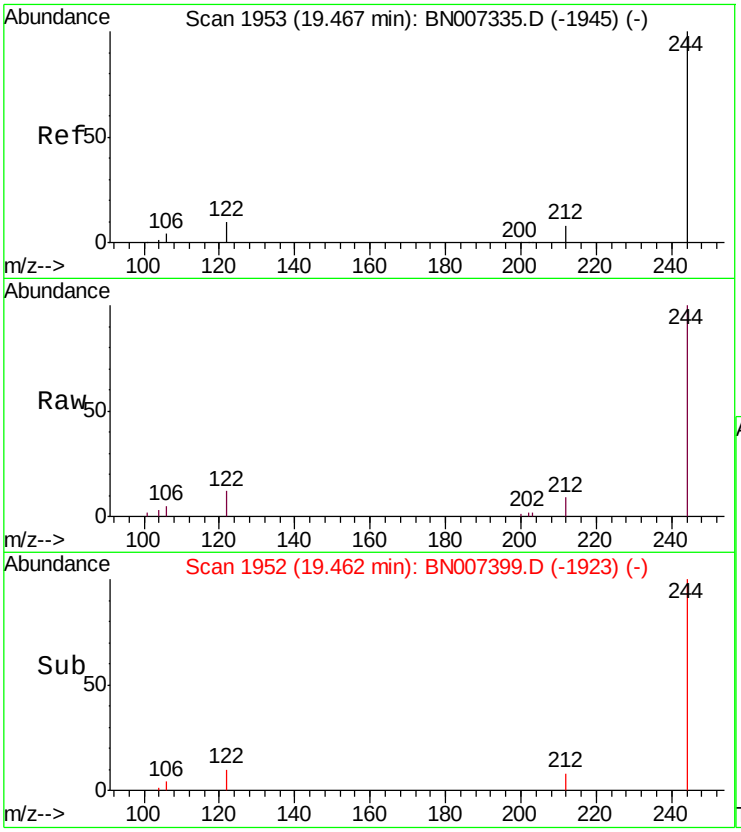


#28
Pyrene
Concen: 0.474 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:202 Resp: 34651

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	19.1	14.2	21.4



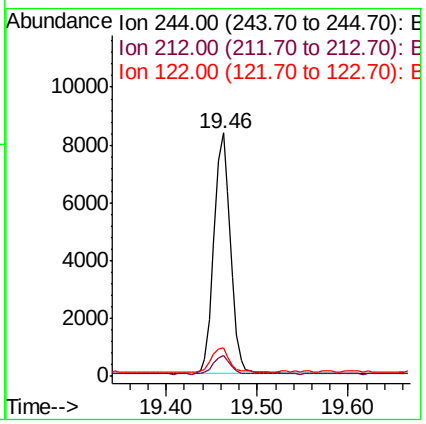


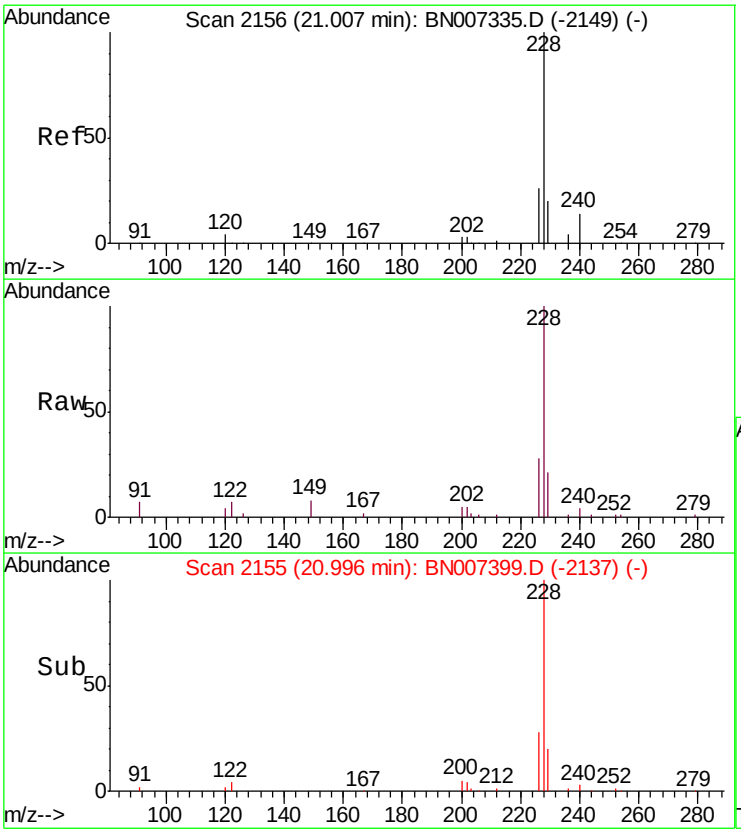
#29
Terphenyl-d14
Concen: 0.219 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:244 Resp: 10407

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

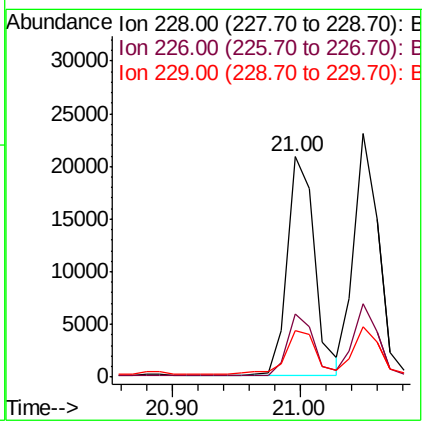


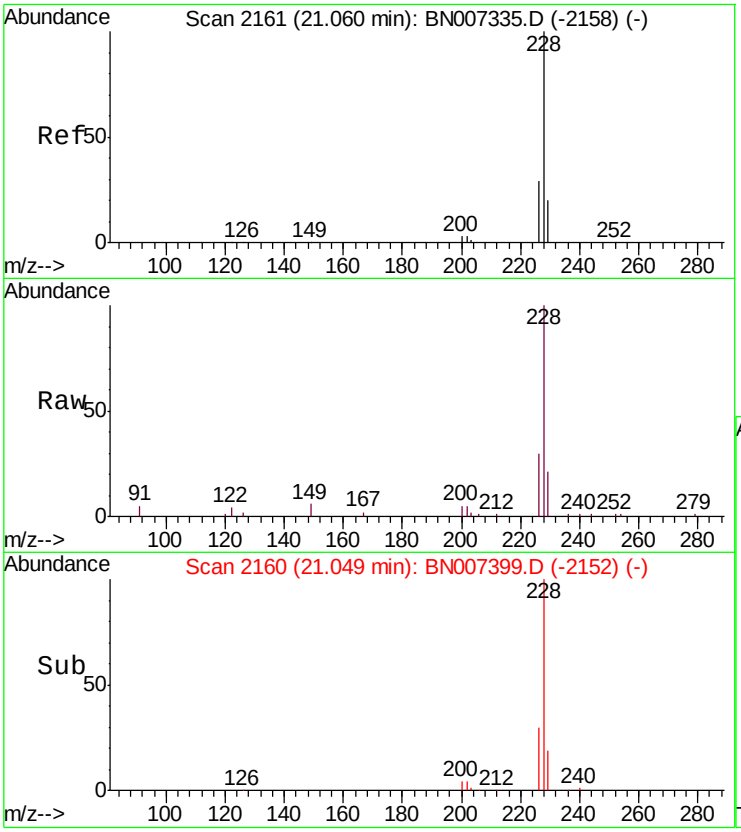


#30
Benzo(a)anthracene
Concen: 0.431 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:228 Resp: 30749

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.3	31.9
229	21.0	16.1	24.1



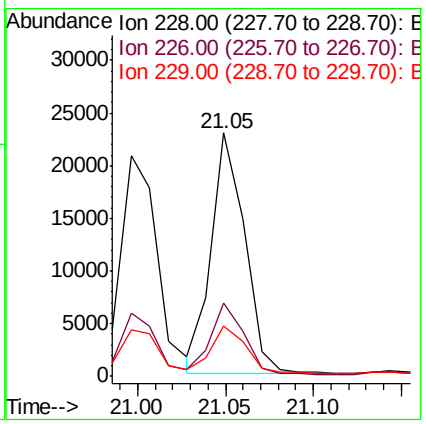


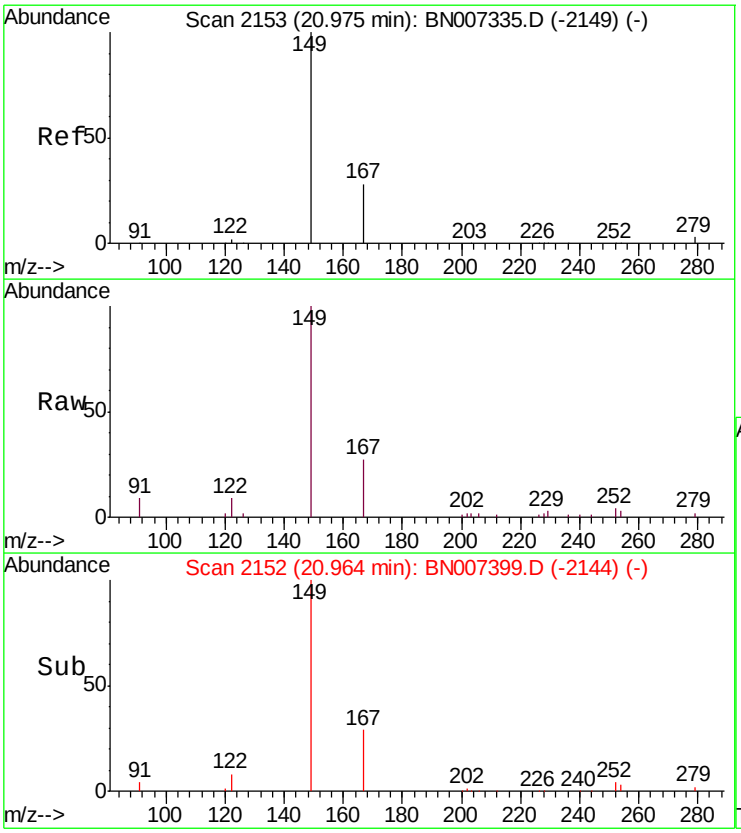
#31
Chrysene
Concen: 0.437 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:228 Resp: 30094

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	20.5	16.6	24.8

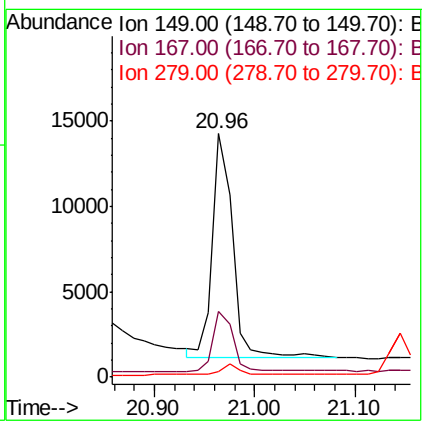


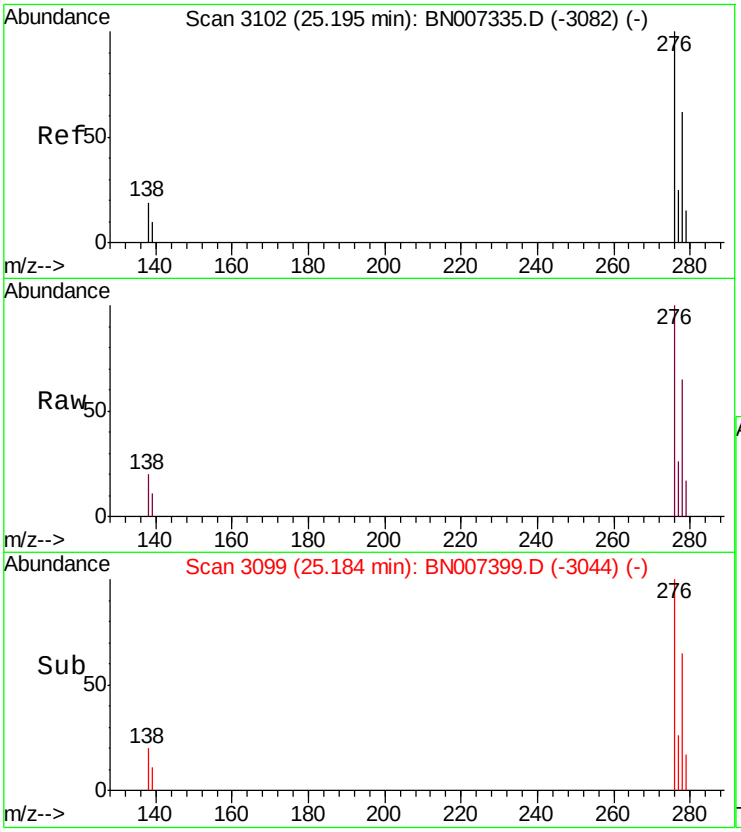


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:149 Resp: 18201

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	4.3	3.5	5.3



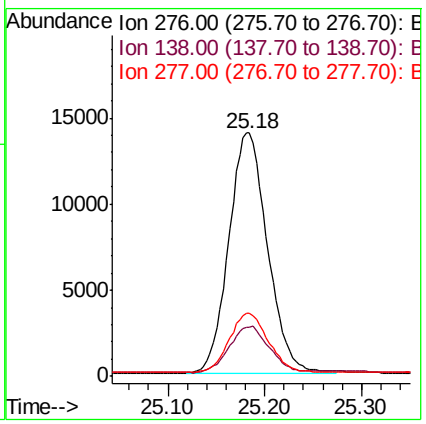


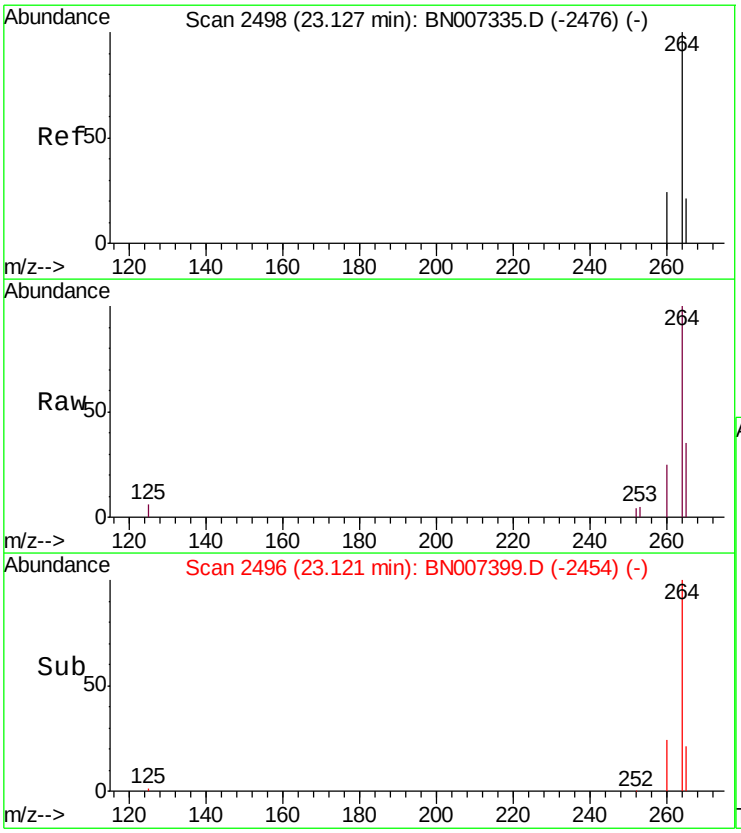
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:276 Resp: 38791

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.1	22.7
277	24.5	19.7	29.5

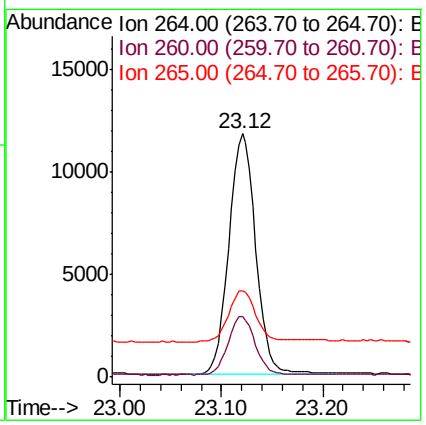


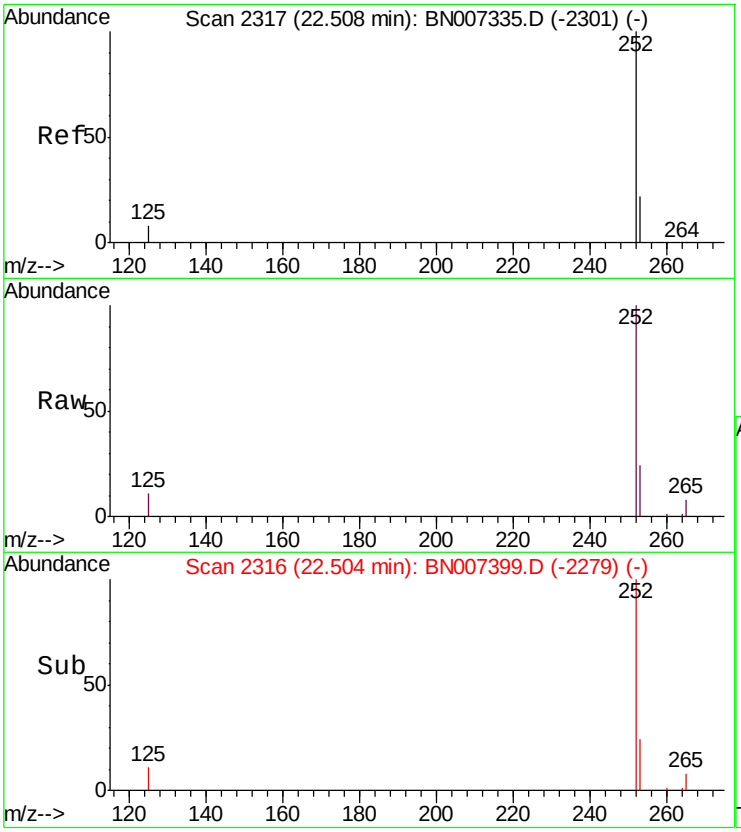


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:264 Resp: 21652

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	35.5	29.9	44.9



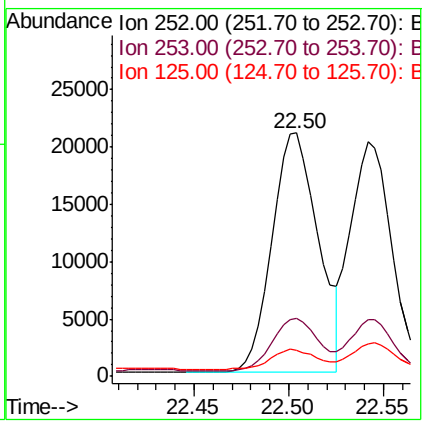


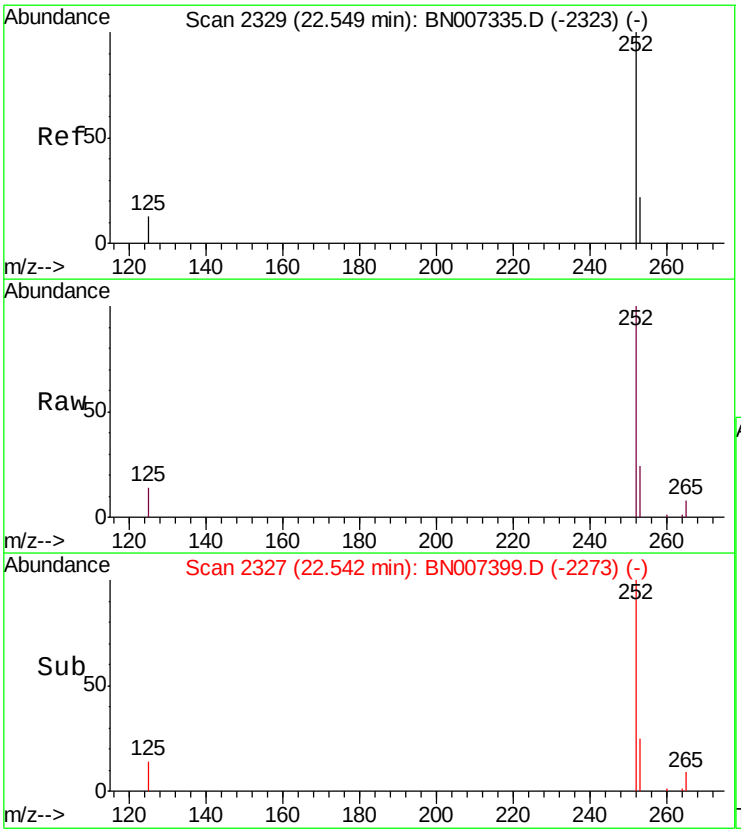
#35
Benzo(b)fluoranthene
Concen: 0.451 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:252 Resp: 35400

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.8	10.6	16.0

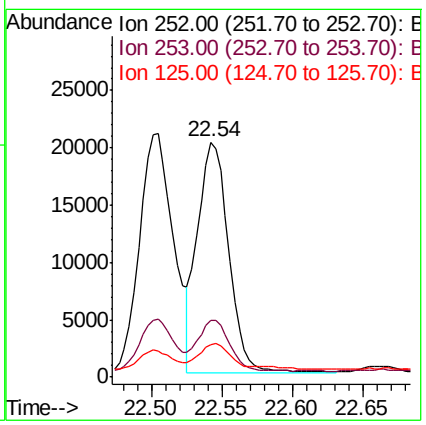


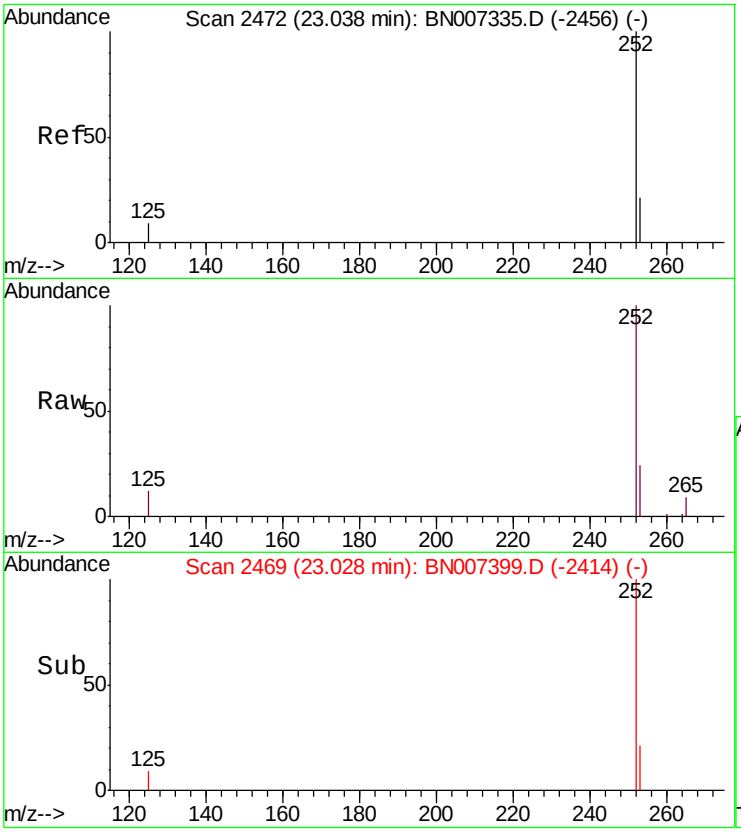


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:252 Resp: 31123

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	14.0	13.1	19.7



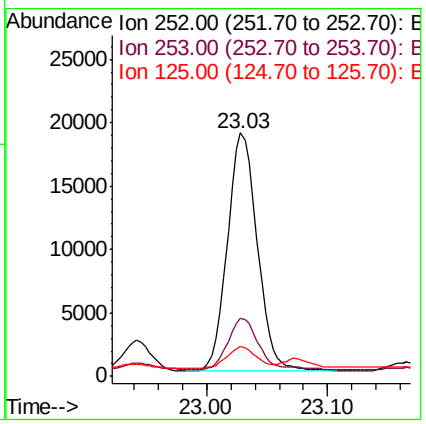


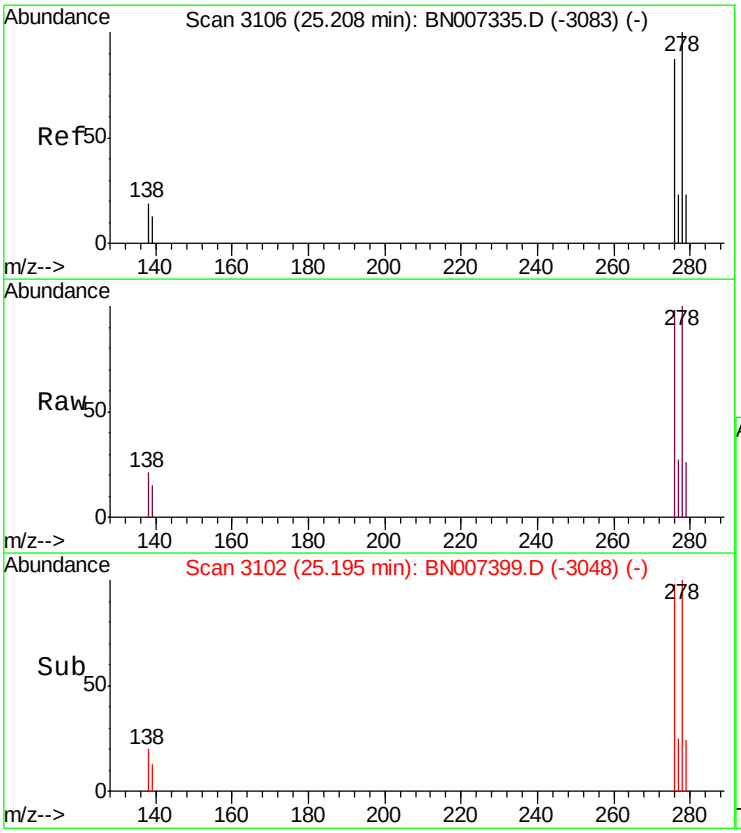
#37
Benzo(a)pyrene
Concen: 0.434 ng
RT: 23.03 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:252 Resp: 32405

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.5	29.3
125	12.2	12.1	18.1

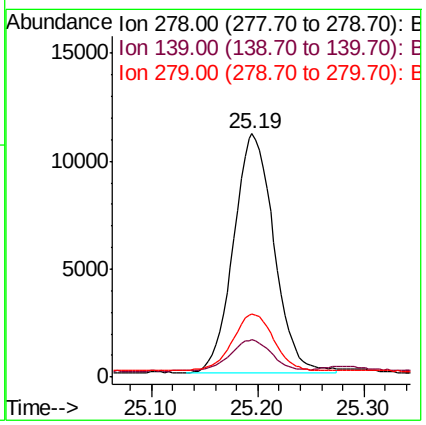


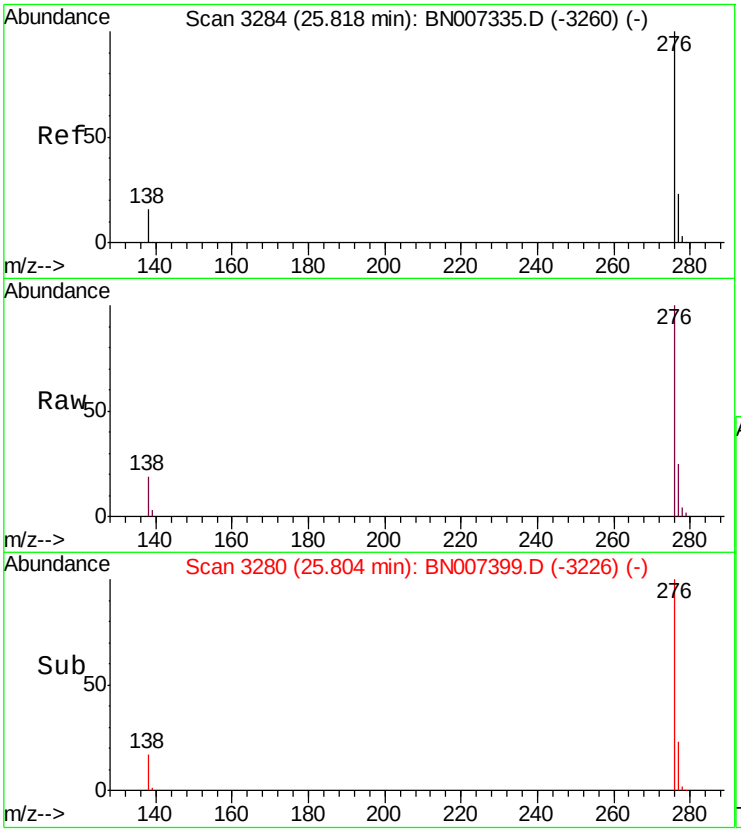


#38
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

Tgt Ion:278 Resp: 29413

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.7	20.5
279	26.1	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.465 ng
RT: 25.80 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BN007399.D
Acq: 25 Aug 2019 17:14

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

Tgt Ion:276 Resp: 34523

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.6	29.4
138	18.7	16.3	24.5