Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007567.D
Acq On : 09 Sep 2019 01:13
Operator : HP/JU
Sample : K4754-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GW-807-45.0-50.0-090619

Quant Time: Sep 09 05:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6090	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	24523	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	12896	0.40	ng		-0.02
19) Phenanthrene-d10	16.78	188	26785	0.40	ng		-0.02
27) Chrysene-d12	21.00	240	24487	0.40	ng		-0.01
34) Perylene-d12	23.10	264	25995	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	3756	0.16	ng		-0.02
5) Phenol-d6	6.58	99	3227	0.10	ng		0.00
8) Nitrobenzene-d5	8.53	82	7435	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	15259	0.37	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	2458	0.36	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	21106	0.41	ng		0.00
25) Fluoranthene-d10	18.83	212	31627	0.37	ng		-0.02
29) Terphenyl-d14	19.45	244	30833	0.48	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.19	128	13124	0.187	ng	#	92
12) 2-Methylnaphthalene	11.82	142	15959	0.334	ng		96
16) Acenaphthylene	13.75	152	1970	0.026	ng	#	91
17) Acenaphthene	14.09	154	2916	0.065	ng		96
18) Fluorene	15.09	166	5103	0.090	ng		99
23) Phenanthrene	16.83	178	52418	0.651	ng		99
24) Anthracene	16.92	178	6929	0.086	ng		98
26) Fluoranthene	18.86	202	27415	0.265	ng	#	97
28) Pyrene	19.22	202	24409	0.248	ng		97
30) Benzo(a)anthracene	20.98	228	3408	0.035	ng	#	63
31) Chrysene	21.04	228	2982	0.032	ng	#	87
32) Bis(2-ethylhexyl)phthalate	20.95	149	6409	0.084	ng	#	80

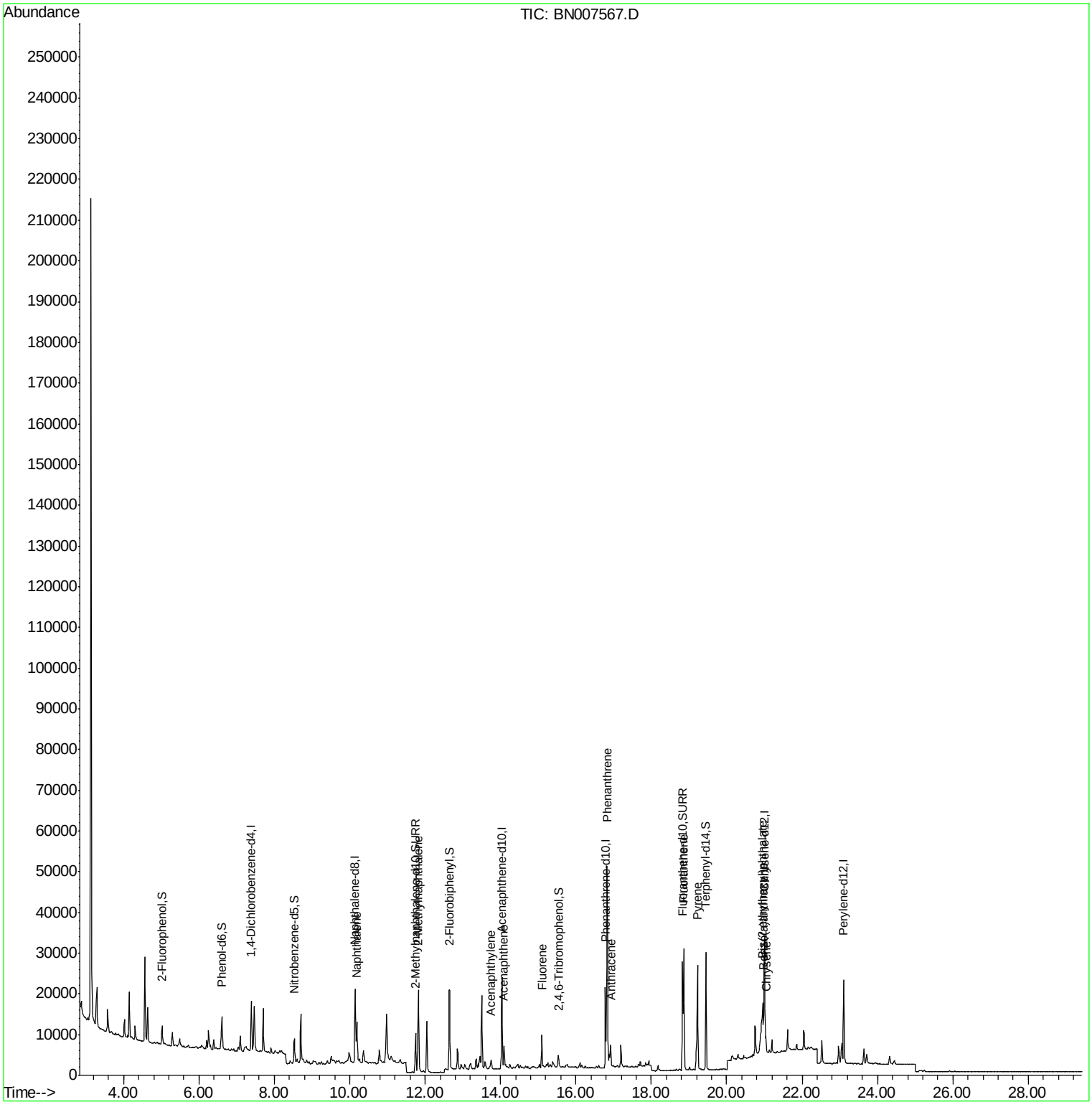
(#) = qualifier out of range (m) = manual integration (+) = signals summed

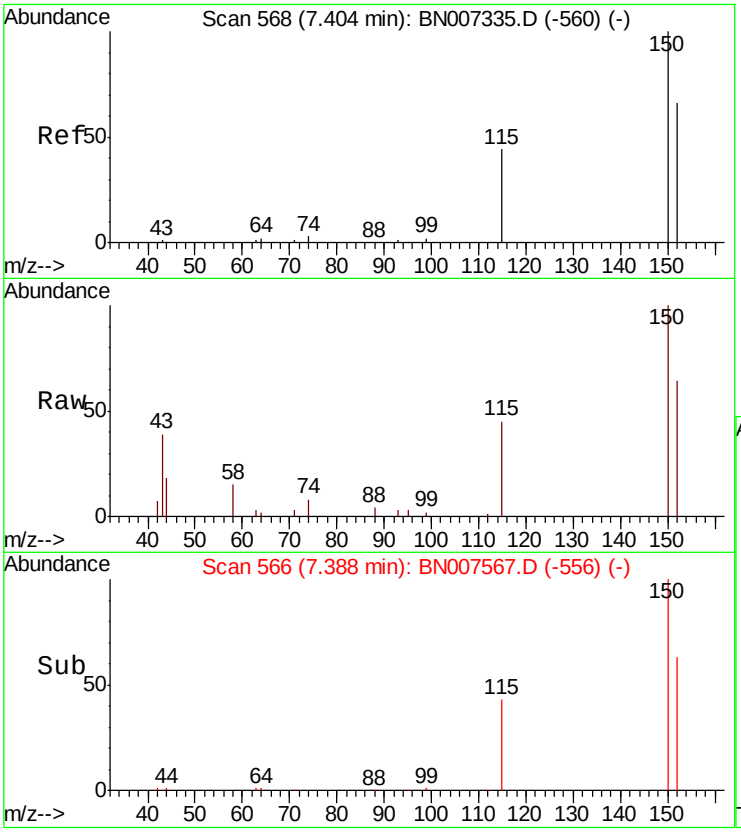
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007567.D
Acq On : 09 Sep 2019 01:13
Operator : HP/JU
Sample : K4754-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Quant Time: Sep 09 05:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



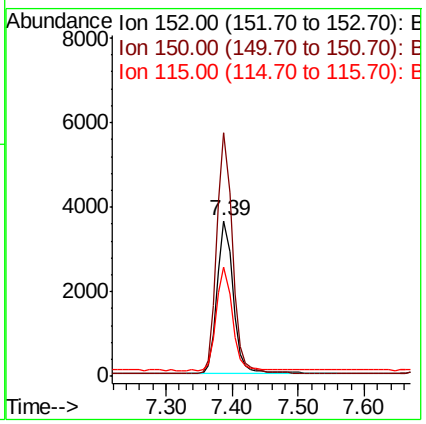


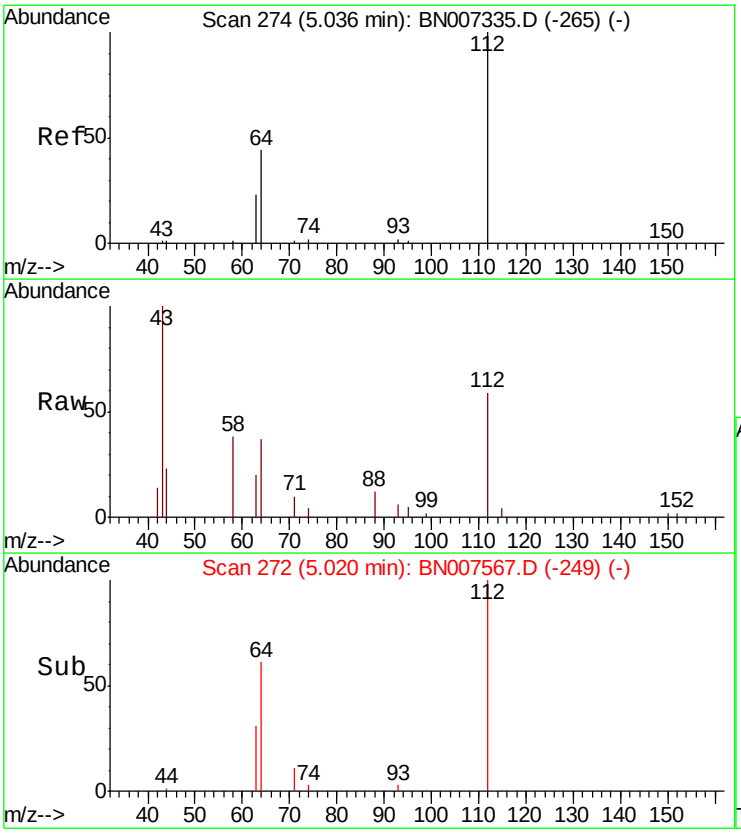
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:152 Resp: 6090

Ion	Ratio	Lower	Upper
152	100		
150	156.3	109.1	163.7
115	70.1	59.6	89.4

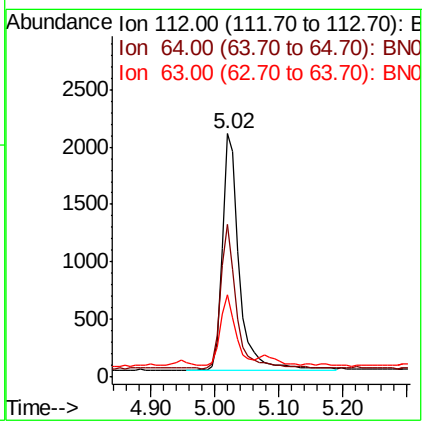


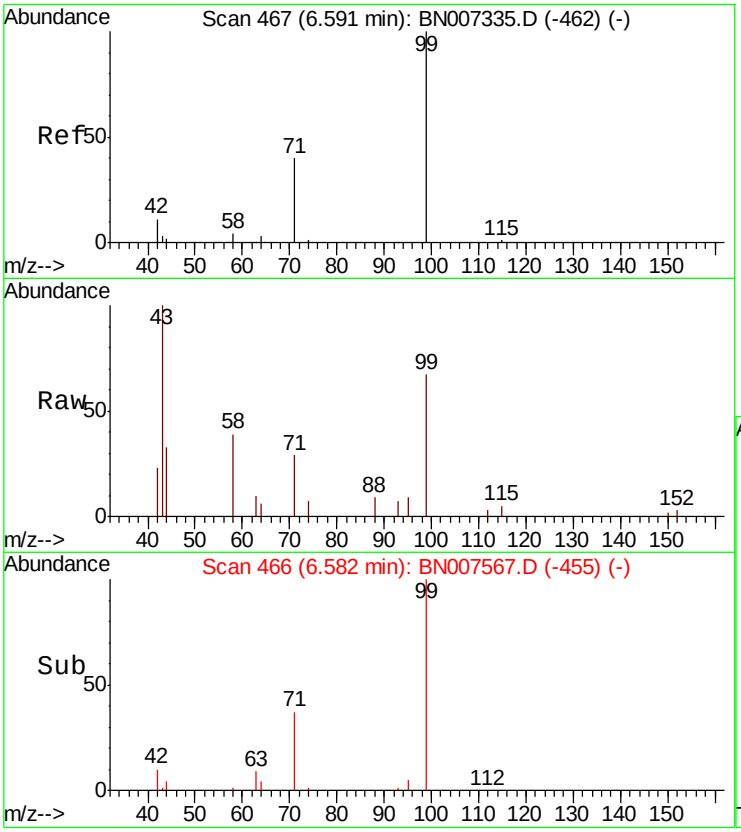


#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:112 Resp: 3756

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.3	63.5
63	27.0	23.6	35.4



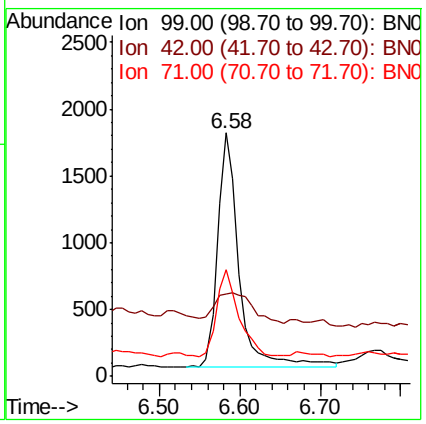


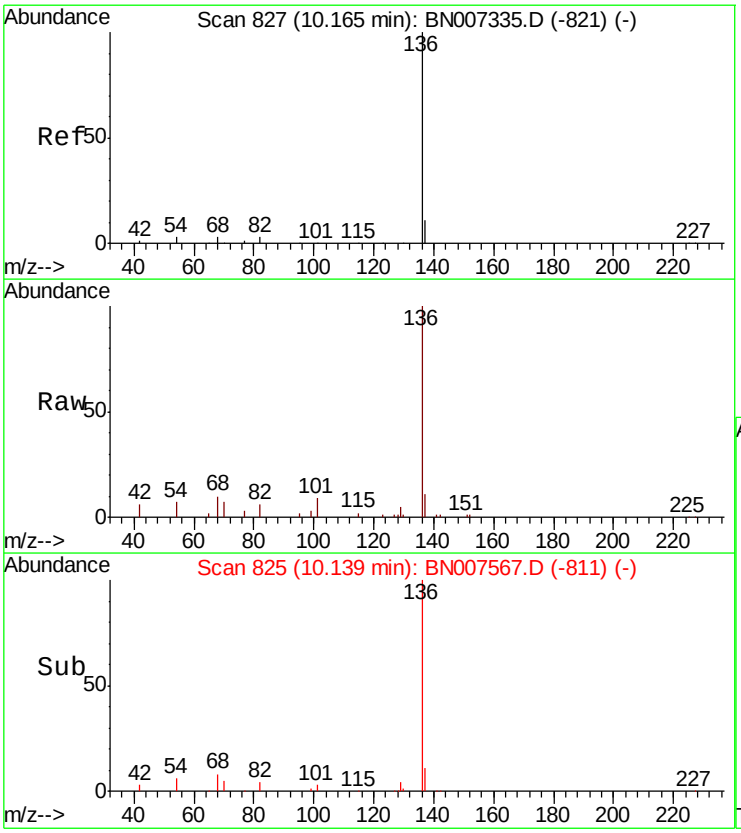
#5
Phenol-d6
Concen: 0.097 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion: 99 Resp: 3227

Ion	Ratio	Lower	Upper
99	100		
42	24.0	11.2	16.8#
71	38.8	31.8	47.8

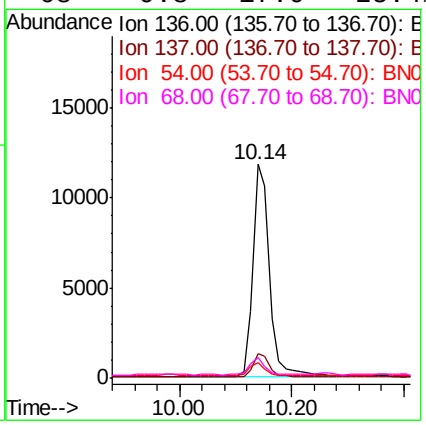


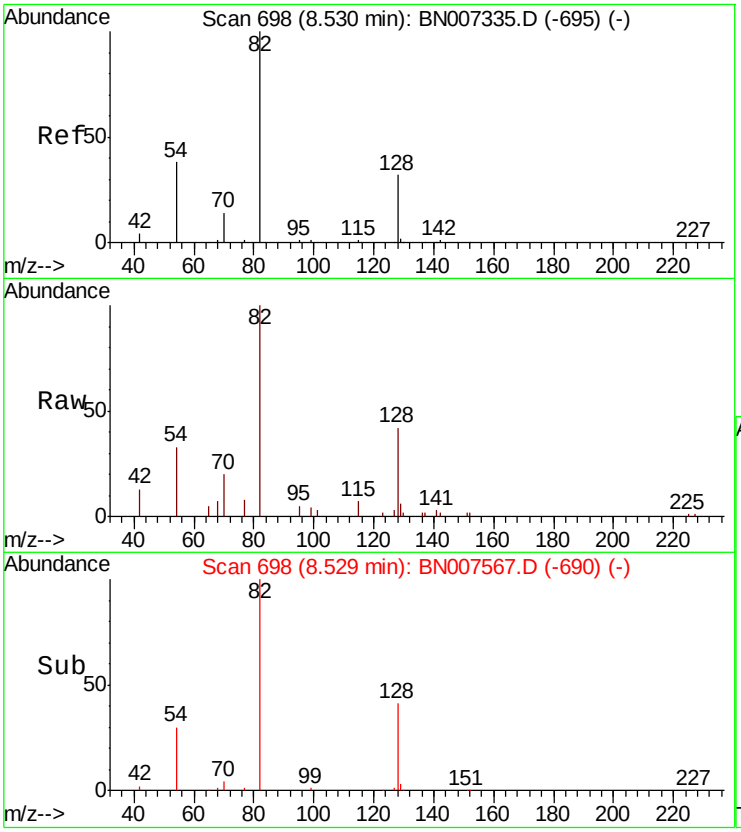


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:136 Resp: 24523

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	7.5	8.6	12.8#
68	9.8	17.0	25.4#



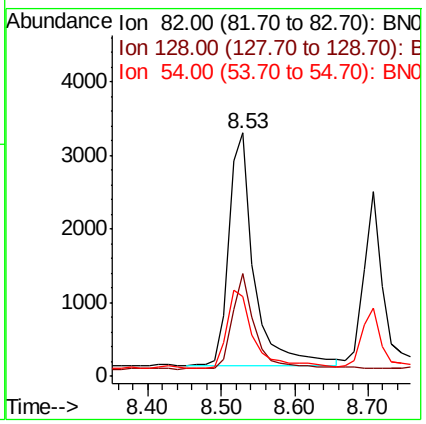


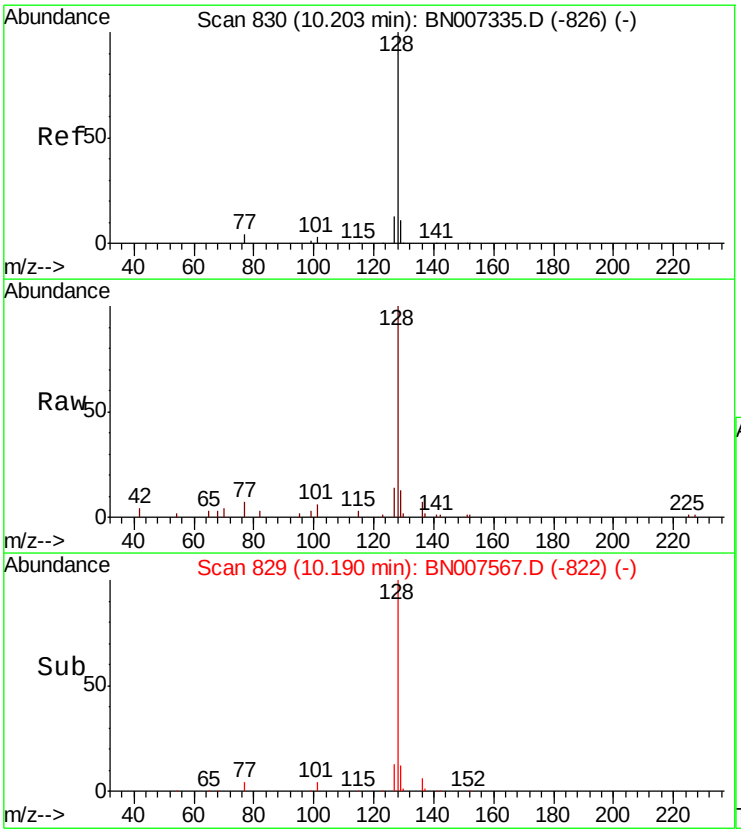
#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion: 82 Resp: 7435

Ion	Ratio	Lower	Upper
82	100		
128	42.3	19.7	29.5#
54	32.6	25.8	38.6

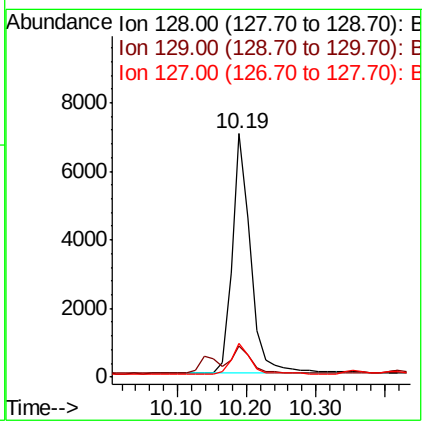


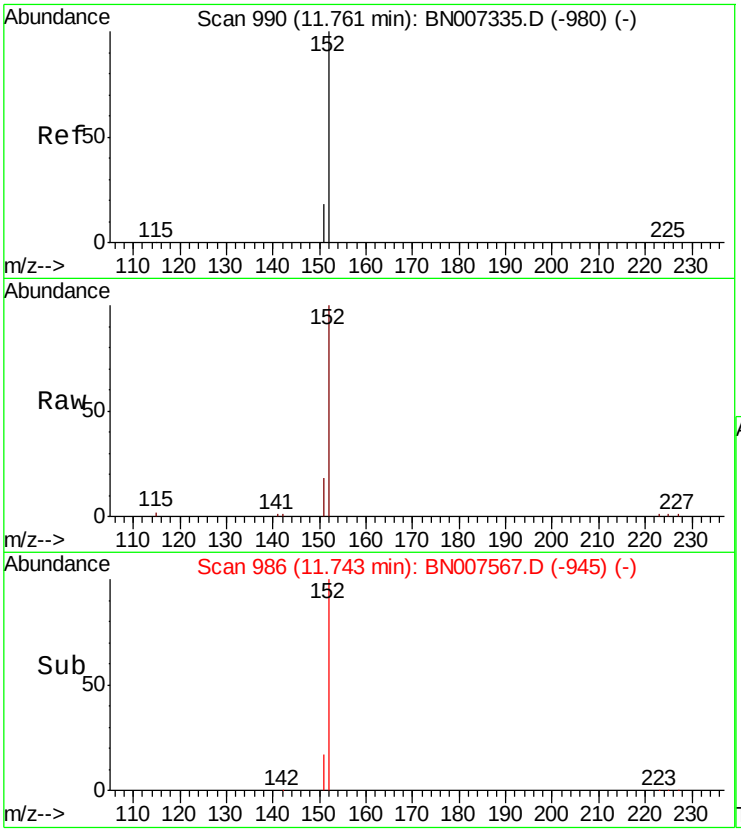


#9
Naphthalene
Concen: 0.187 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:128 Resp: 13124

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.1	16.7
127	14.0	15.5	23.3#



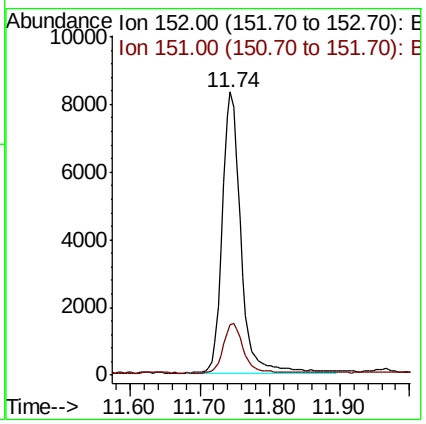


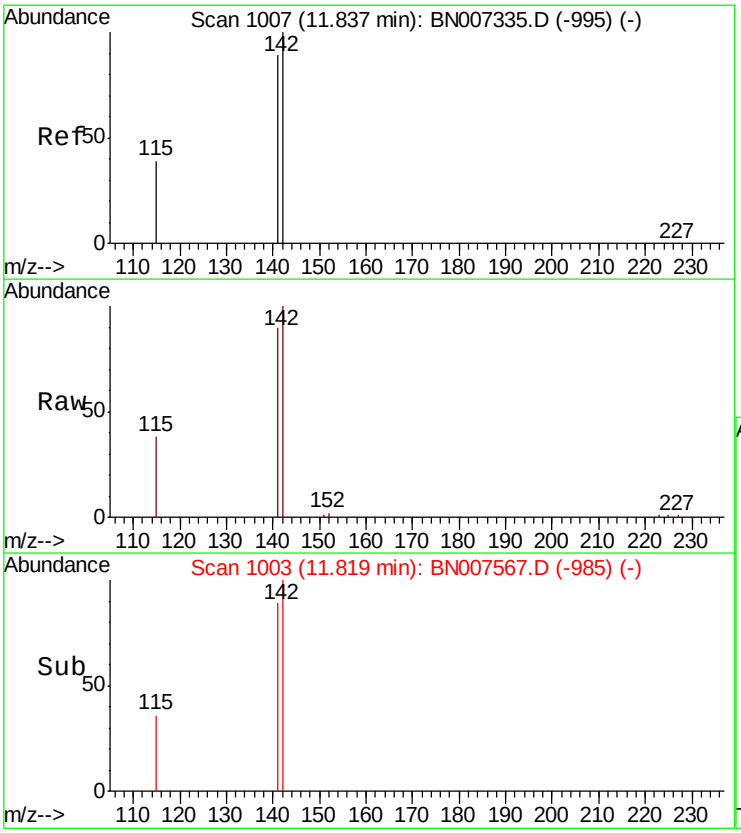
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:152 Resp: 15259

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2

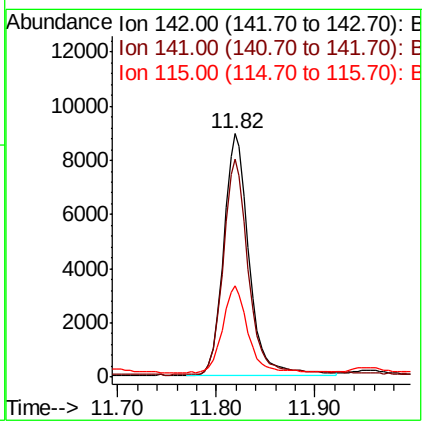


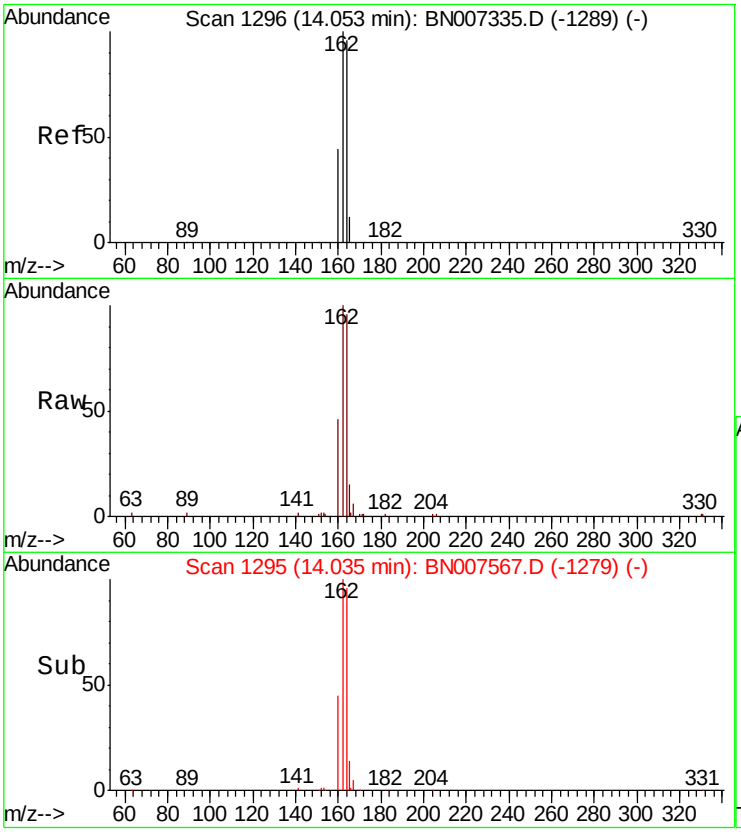


#12
2-Methylnaphthalene
Concen: 0.334 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:142 Resp: 15959

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.8	109.2
115	37.7	35.2	52.8



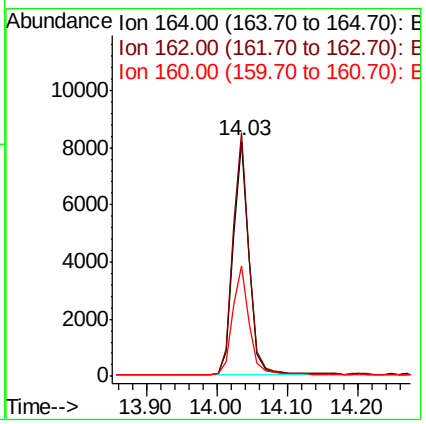


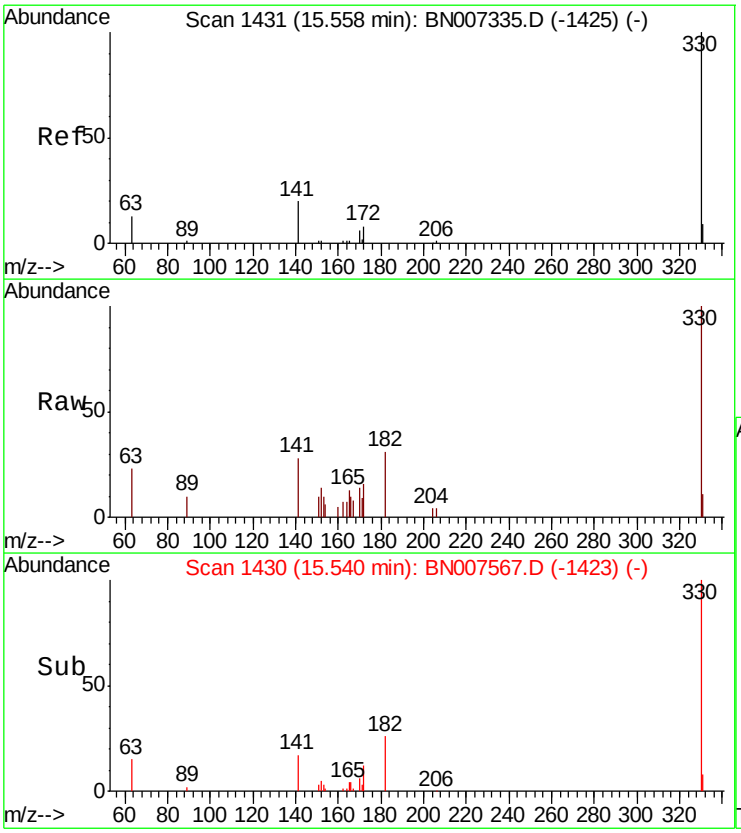
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:164 Resp: 12896

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	47.2	38.2	57.4

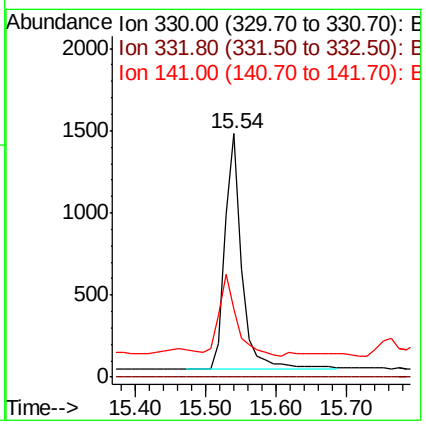


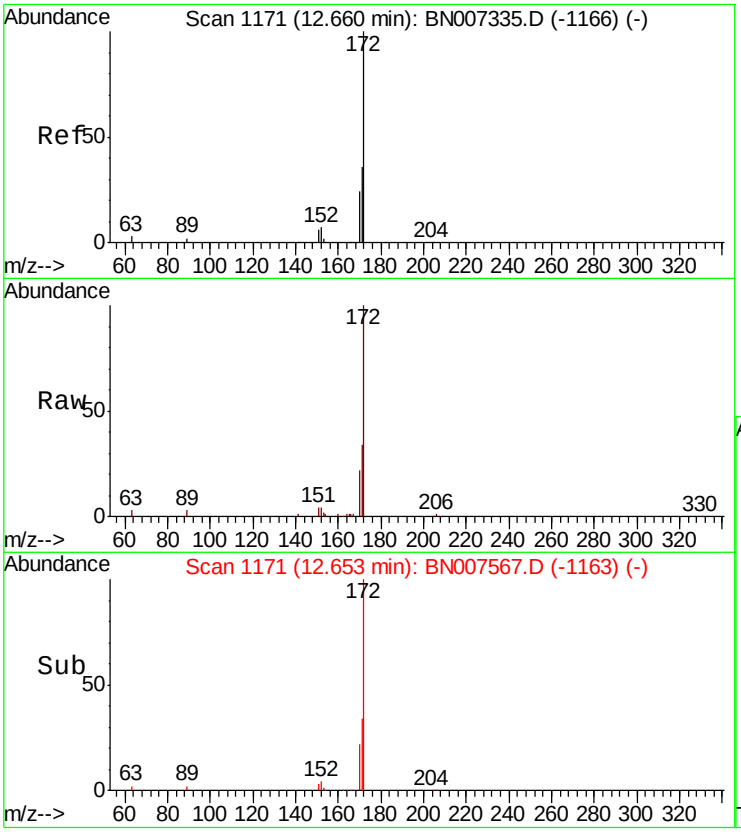


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:330 Resp: 2458

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	26.9	40.3



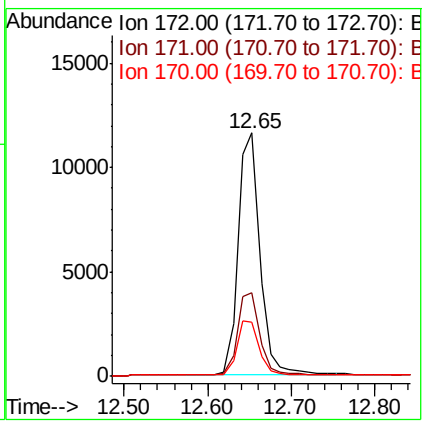


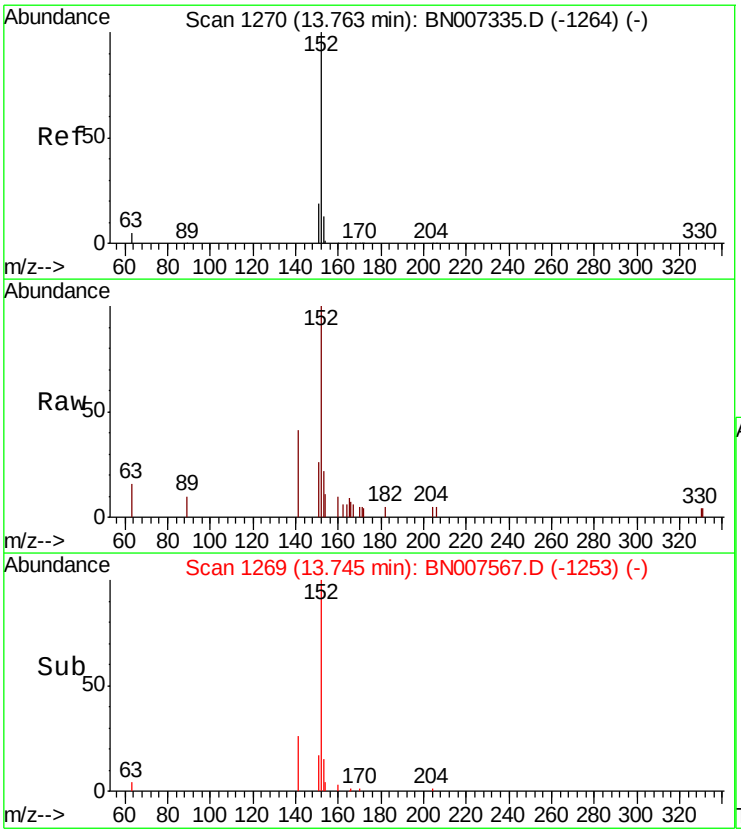
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:172 Resp: 21106

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.3	45.5
170	22.0	20.7	31.1

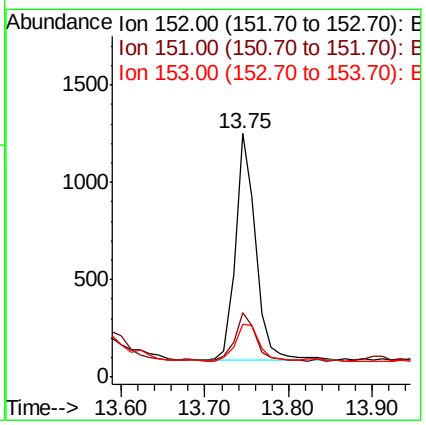


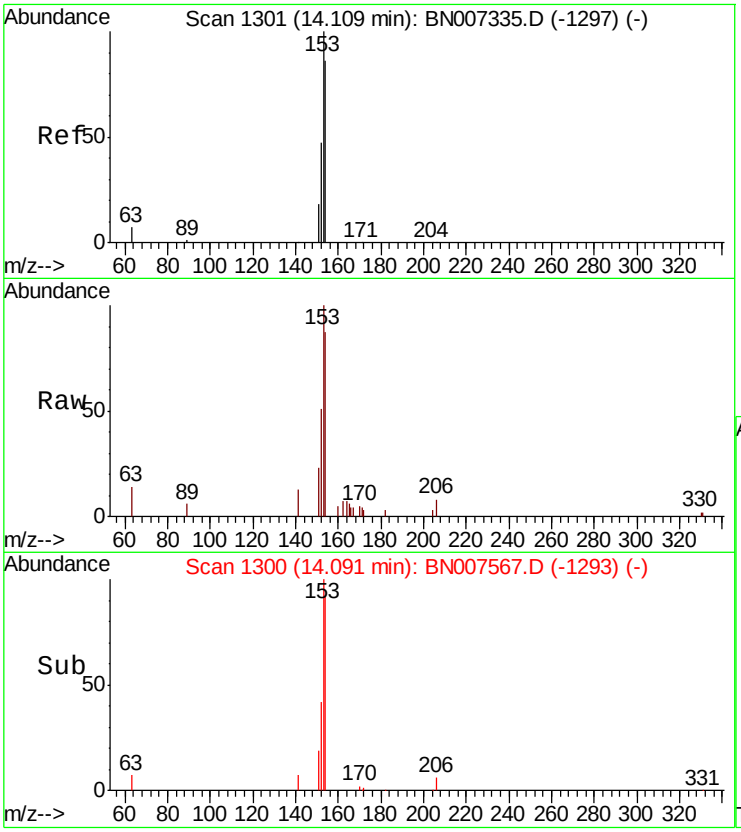


#16
Acenaphthylene
Concen: 0.026 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:152 Resp: 1970

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.1	24.1
153	19.7	10.6	15.8#



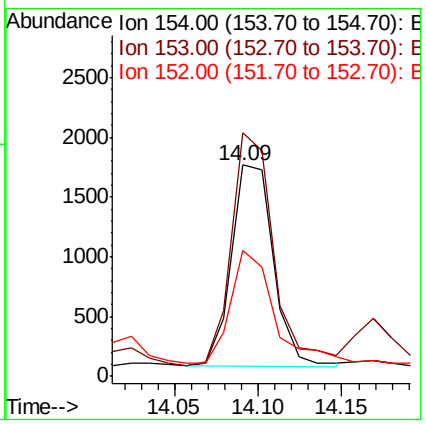


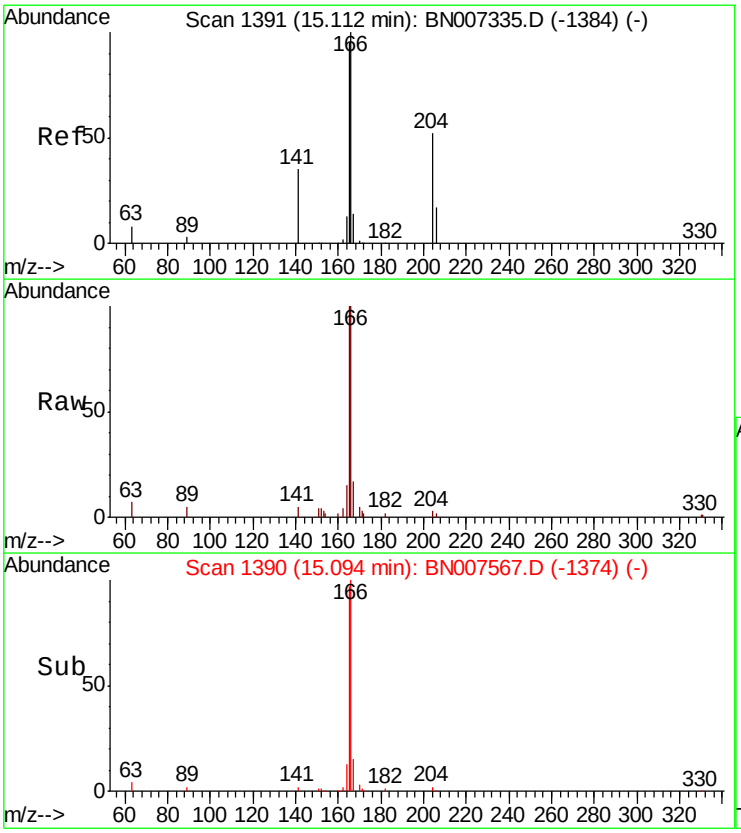
#17
Acenaphthene
Concen: 0.065 ng
RT: 14.09 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:154 Resp: 2916

Ion	Ratio	Lower	Upper
154	100		
153	117.2	92.8	139.2
152	62.1	43.8	65.8

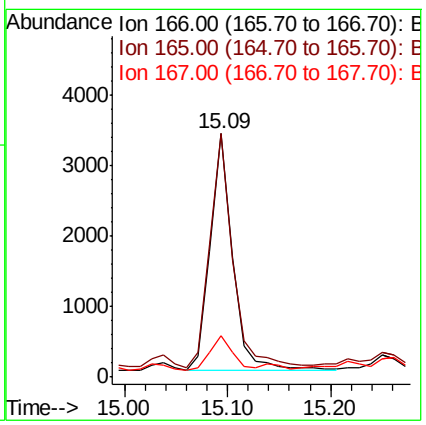


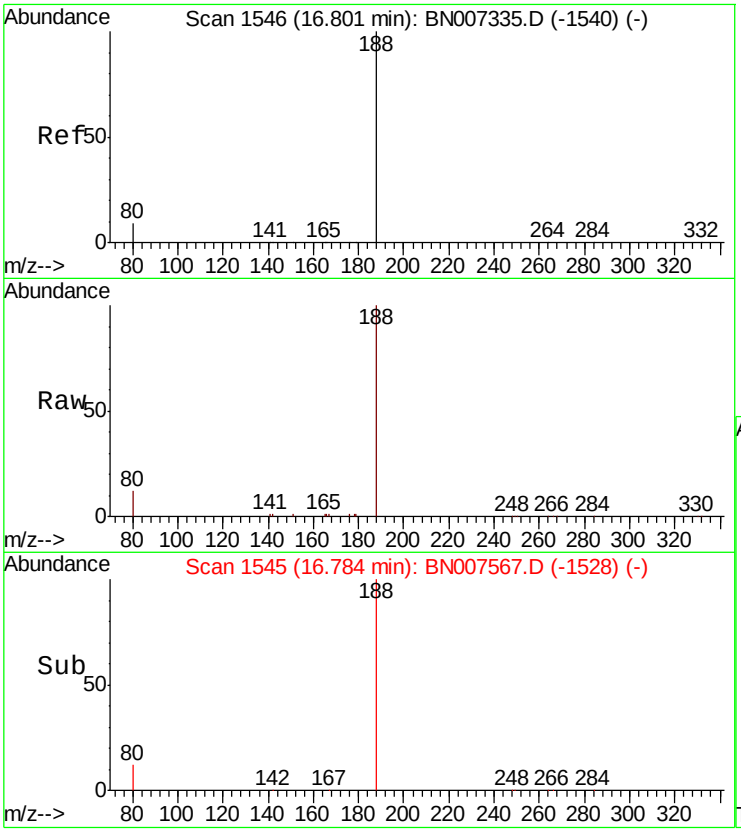


#18
Fluorene
Concen: 0.090 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:166 Resp: 5103

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	15.0	10.6	15.8



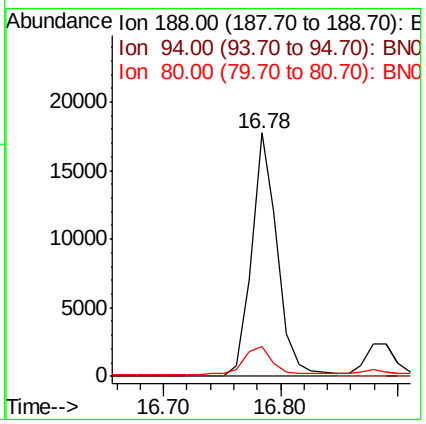


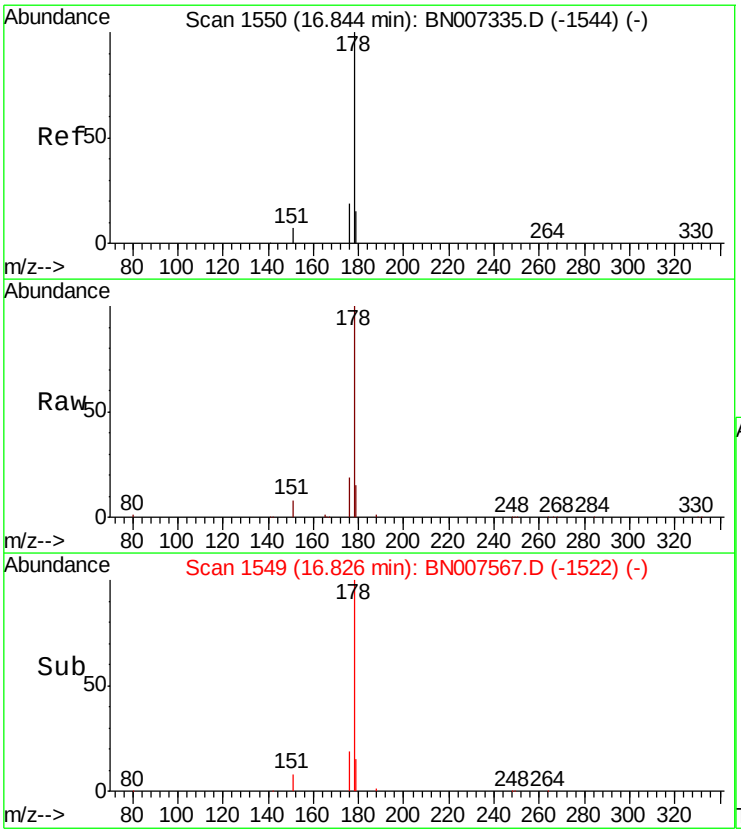
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:188 Resp: 26785

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	11.8	17.8

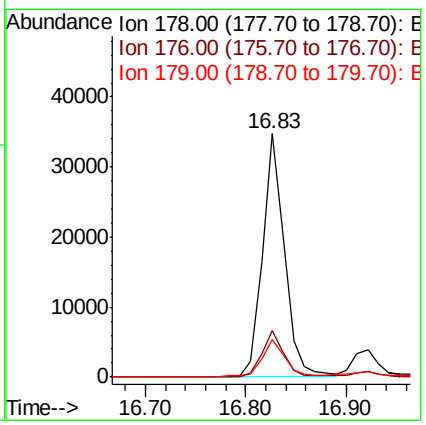


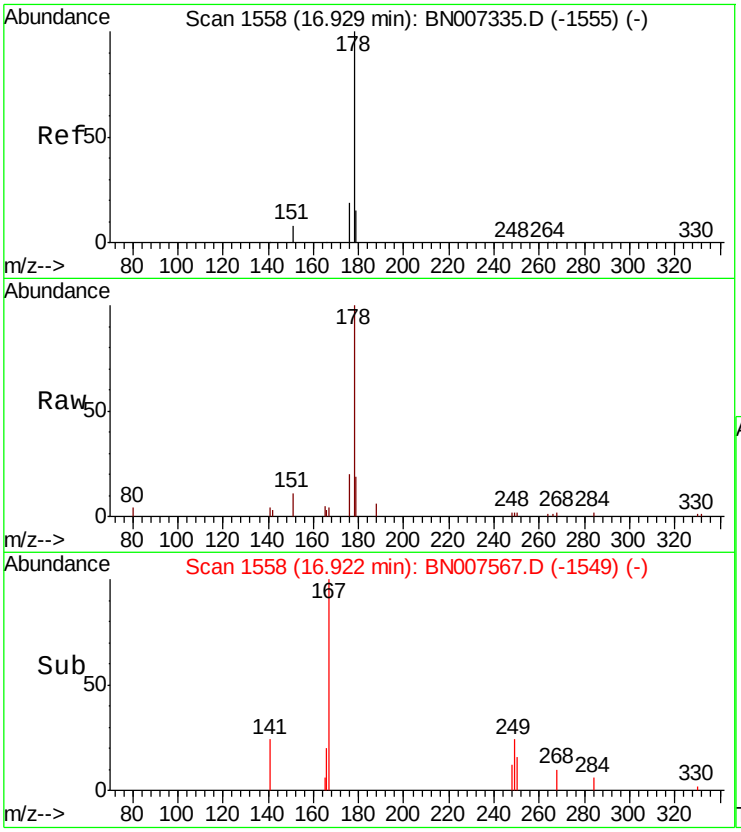


#23
Phenanthrene
Concen: 0.651 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:178 Resp: 52418

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	19.0



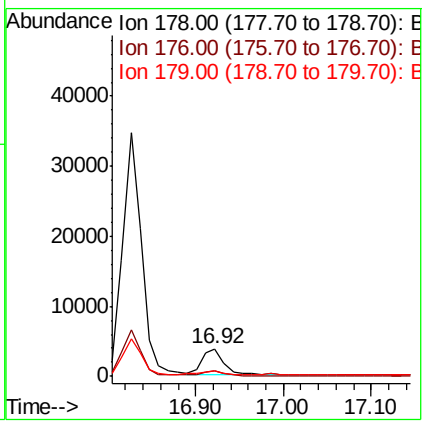


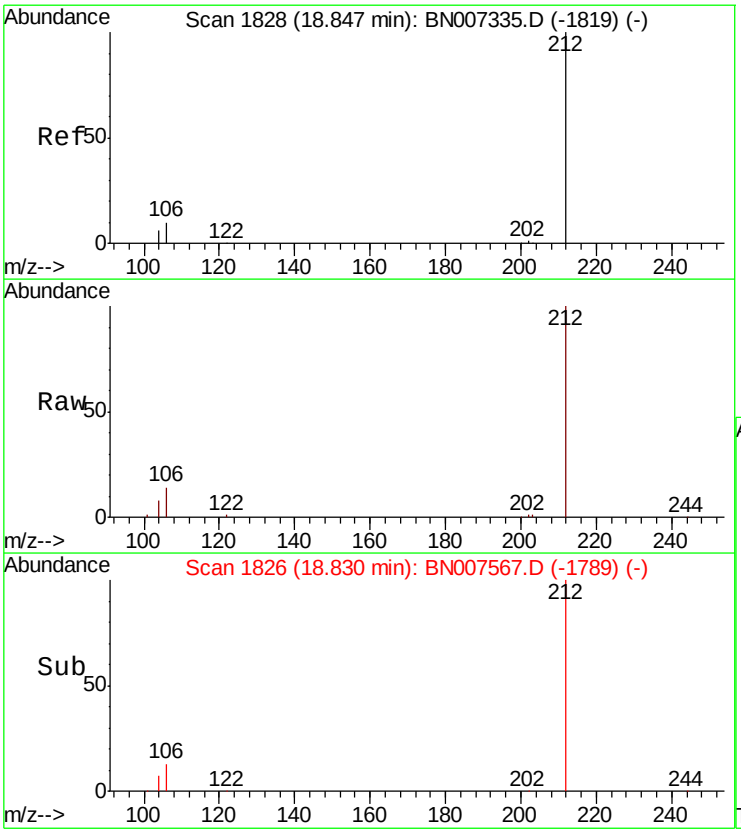
#24
Anthracene
Concen: 0.086 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:178 Resp: 6929

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	17.2	12.4	18.6

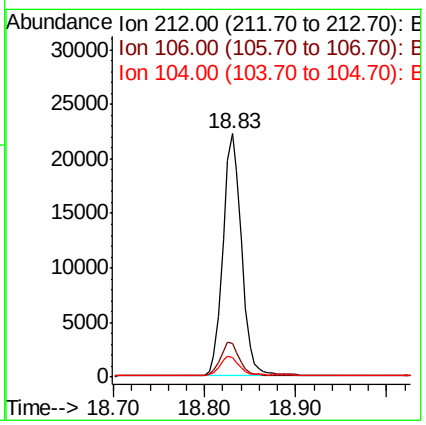


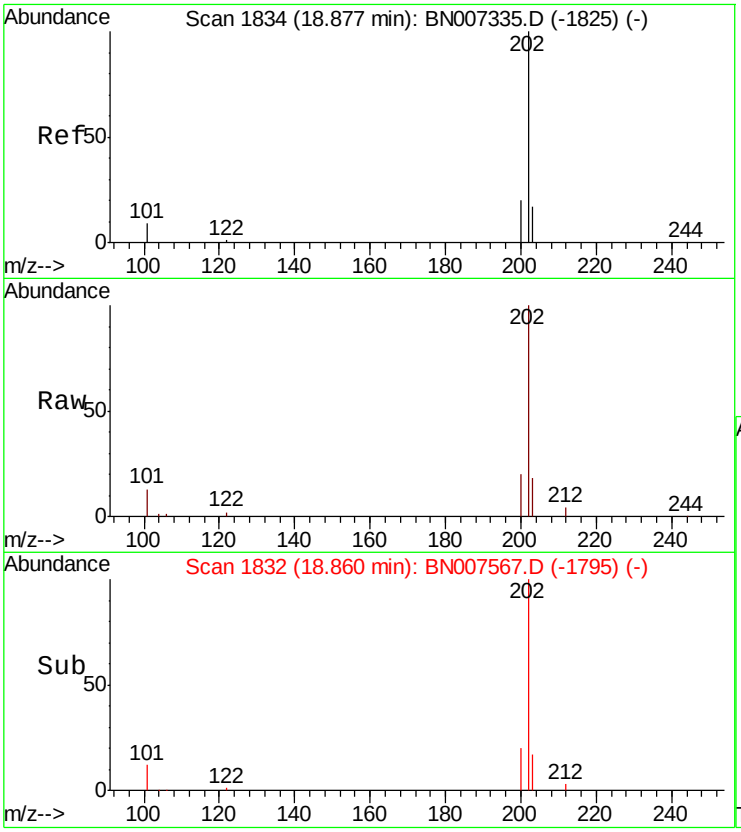


#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:212 Resp: 31627

Ion	Ratio	Lower	Upper
212	100		
106	13.8	9.0	13.4#
104	7.7	5.4	8.2



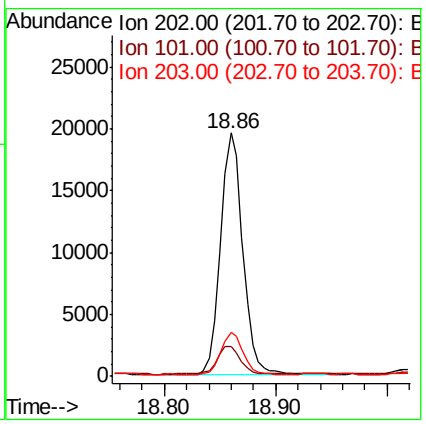


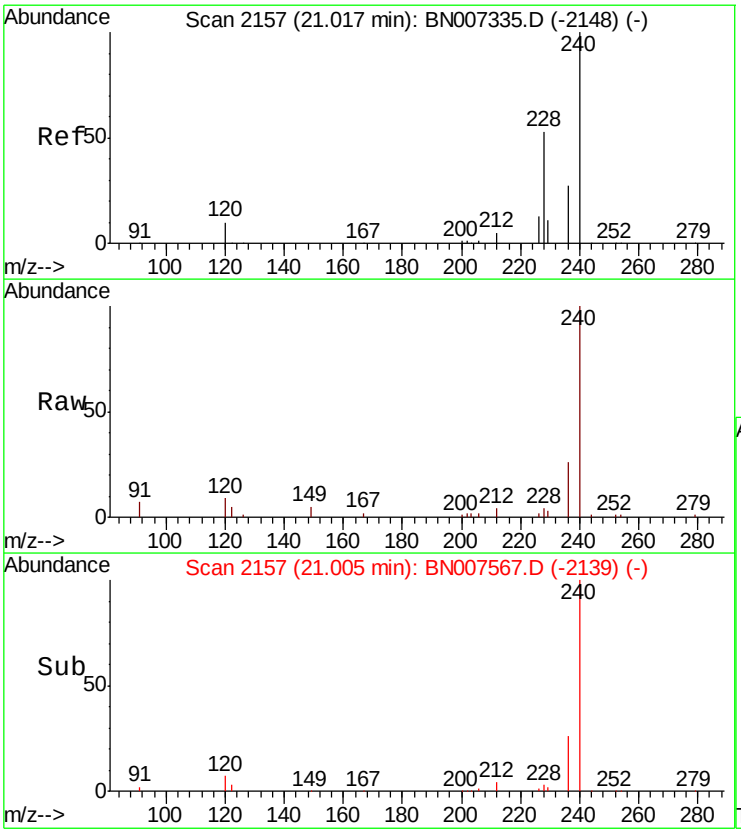
#26
Fluoranthene
Concen: 0.265 ng
RT: 18.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:202 Resp: 27415

Ion	Ratio	Lower	Upper
202	100		
101	12.2	7.7	11.5#
203	17.2	13.7	20.5

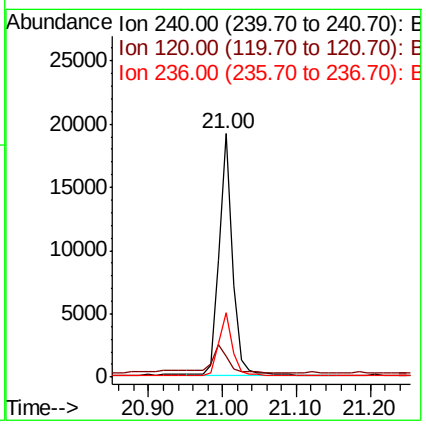


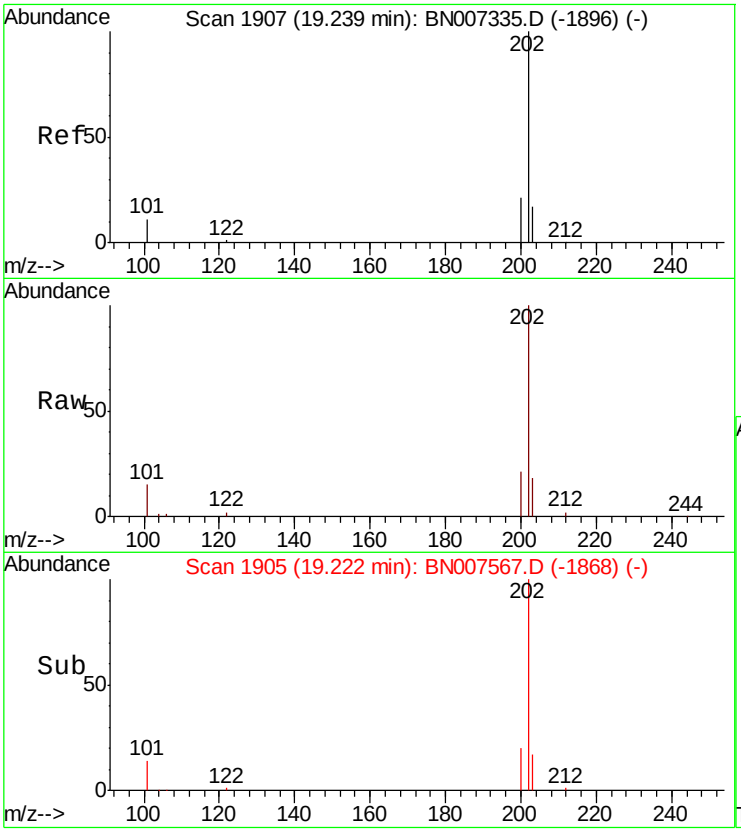


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:240 Resp: 24487

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.6	14.4#
236	26.4	22.2	33.2



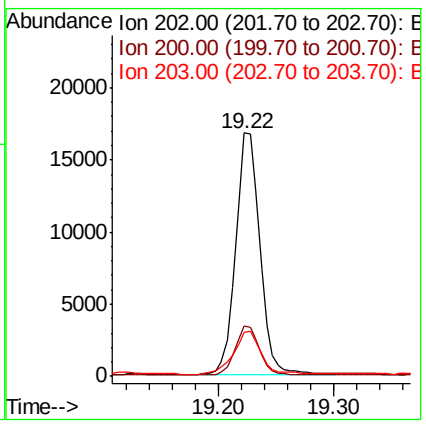


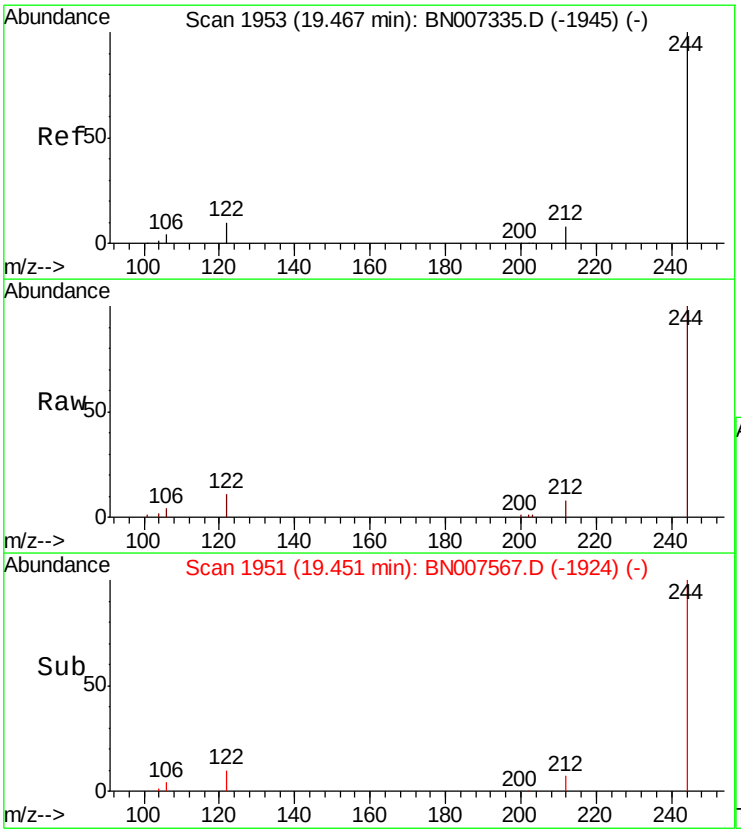
#28
Pyrene
Concen: 0.248 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:202 Resp: 24409

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	20.0	14.2	21.4

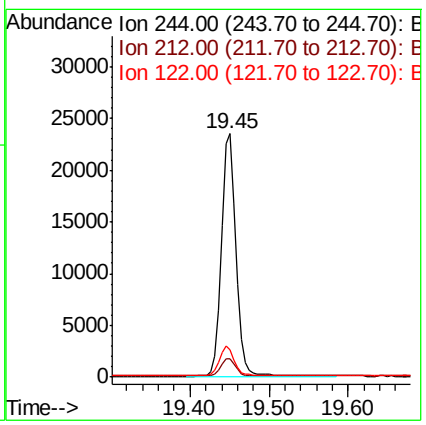


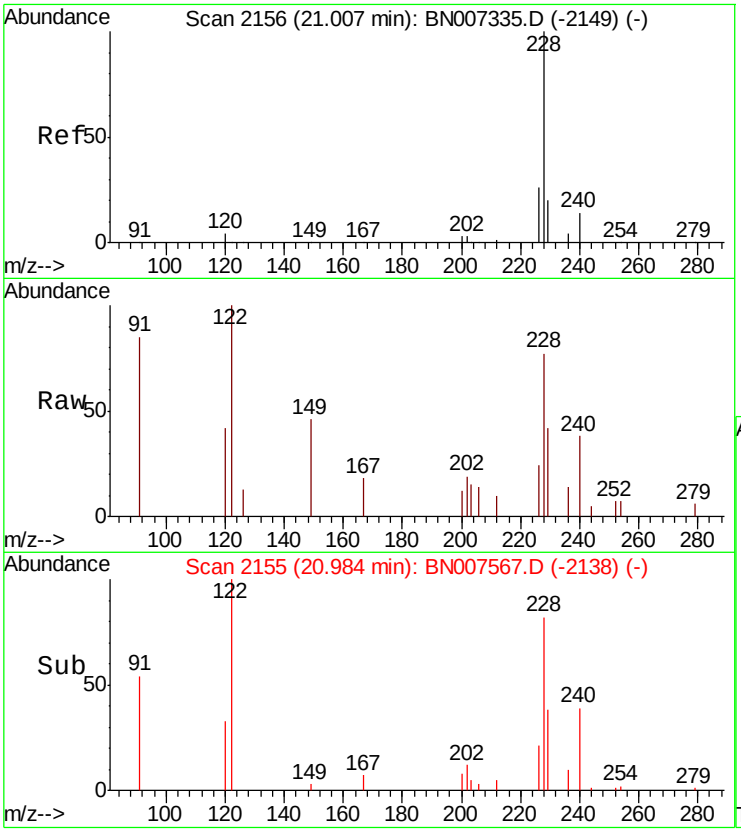


#29
Terphenyl-d14
Concen: 0.481 ng
RT: 19.45 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:244 Resp: 30833

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	11.2	9.6	14.4



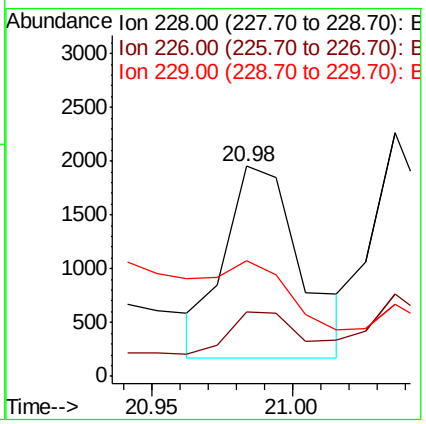


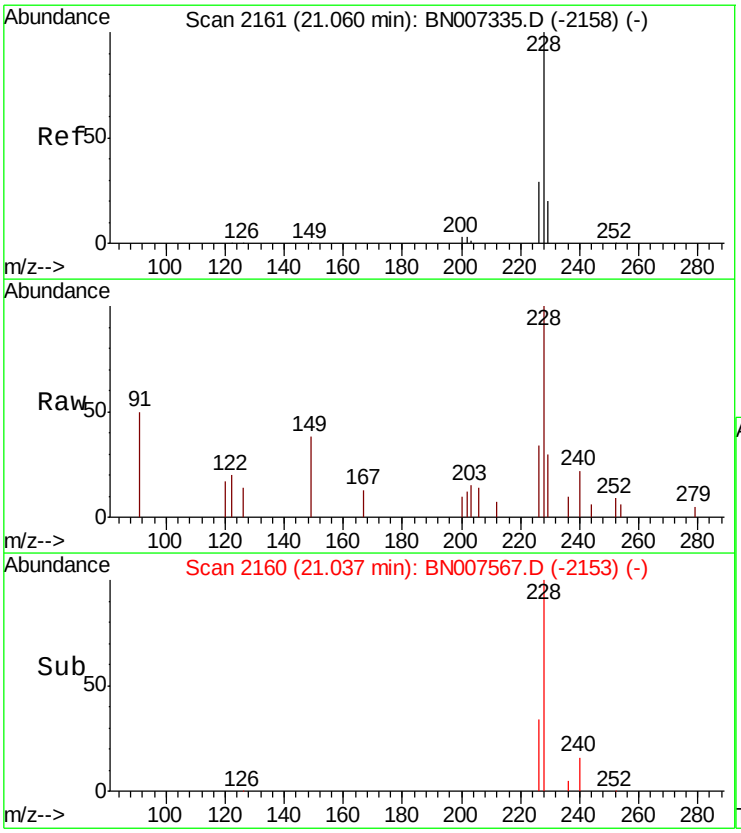
#30
Benzo(a)anthracene
Concen: 0.035 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:228 Resp: 3408

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.3	31.9
229	55.1	16.1	24.1#

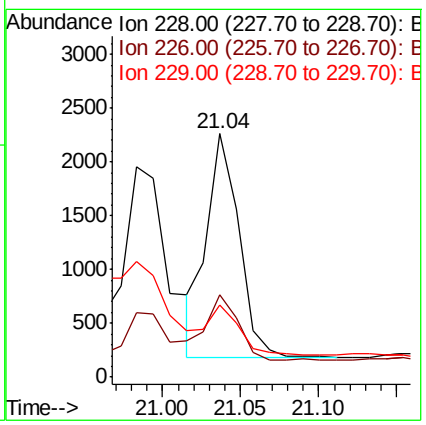


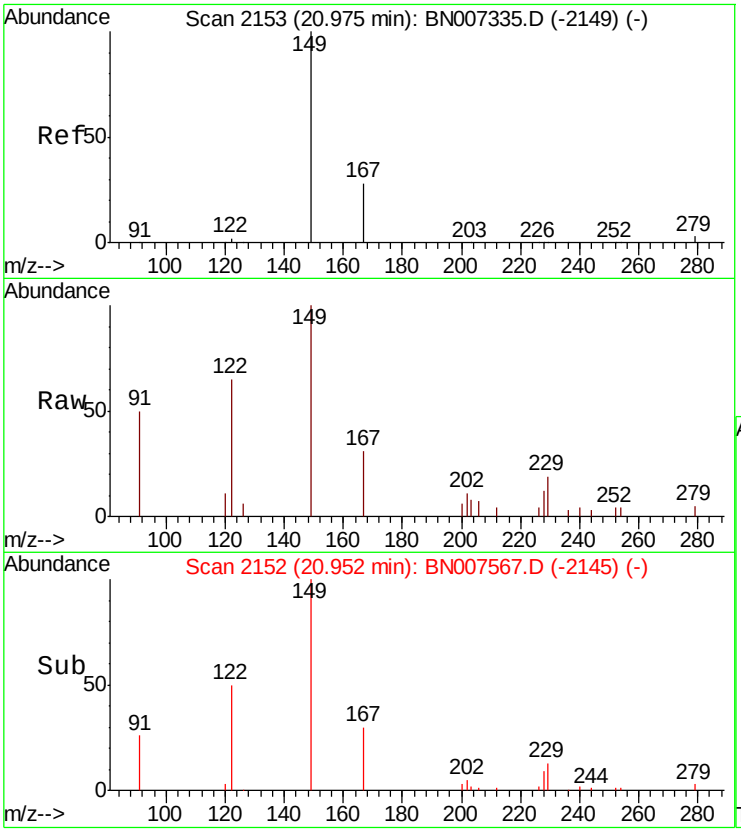


#31
Chrysene
Concen: 0.032 ng
RT: 21.04 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:228 Resp: 2982

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.5	35.3
229	29.7	16.6	24.8#



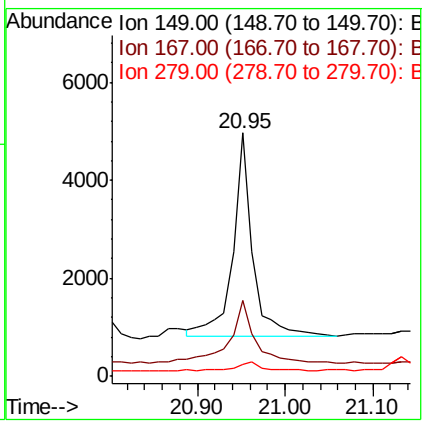


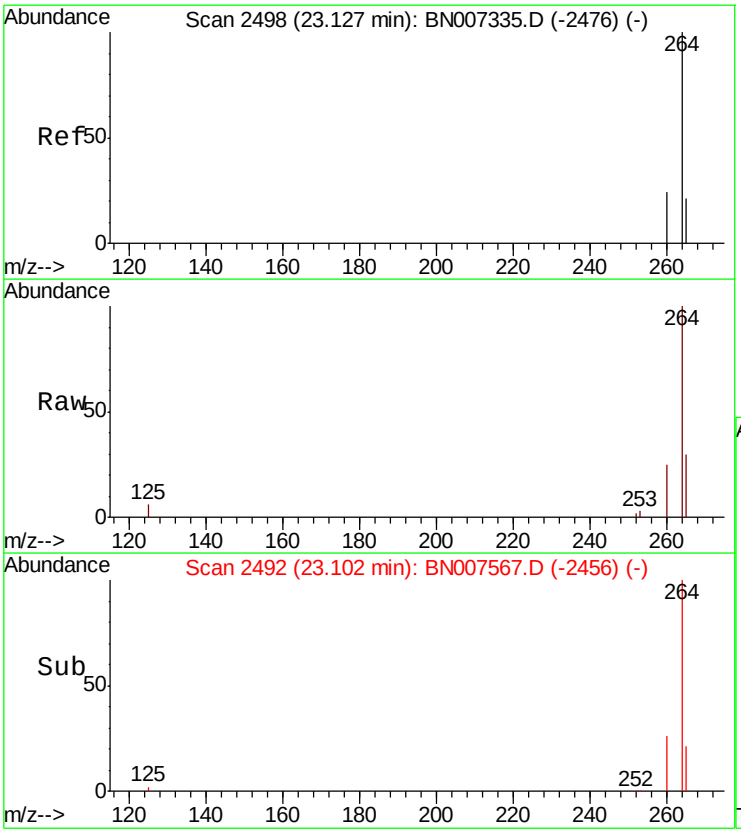
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Instrument :
BNA_N
ClientSampleId :
GW-807-45.0-50.0-090619

Tgt Ion:149 Resp: 6409

Ion	Ratio	Lower	Upper
149	100		
167	40.8	22.8	34.2#
279	5.0	3.5	5.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BN007567.D
Acq: 09 Sep 2019 01:13

Tgt Ion:264 Resp: 25995

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	30.1	29.9	44.9