Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007583.D
Acq On : 10 Sep 2019 19:42
Operator : HP/JU
Sample : K4781-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GW800-8.0-13.0-090719

Quant Time: Sep 10 20:15:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:53:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5970	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	25192	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	14848	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	36106	0.40	ng		0.00
27) Chrysene-d12	21.28	240	37357	0.40	ng		-0.01
34) Perylene-d12	23.51	264	40305	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	3412	0.19	ng		0.00
5) Phenol-d6	6.90	99	3075	0.12	ng		0.00
8) Nitrobenzene-d5	8.86	82	6739	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	15876	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2373	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.98	172	25413	0.41	ng		0.00
25) Fluoranthene-d10	19.12	212	43797	0.37	ng		0.00
29) Terphenyl-d14	19.73	244	39309	0.40	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.54	128	2564	0.036	ng	#	88
12) 2-Methylnaphthalene	12.16	142	5062	0.102	ng		96
17) Acenaphthene	14.40	154	7198	0.143	ng		98
18) Fluorene	15.39	166	8130	0.123	ng		99
23) Phenanthrene	17.12	178	26605	0.239	ng		100
24) Anthracene	17.22	178	3082	0.030	ng	#	92
26) Fluoranthene	19.15	202	5025	0.037	ng	#	93
28) Pyrene	19.51	202	4106	0.031	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.23	149	5047	0.110	ng		99

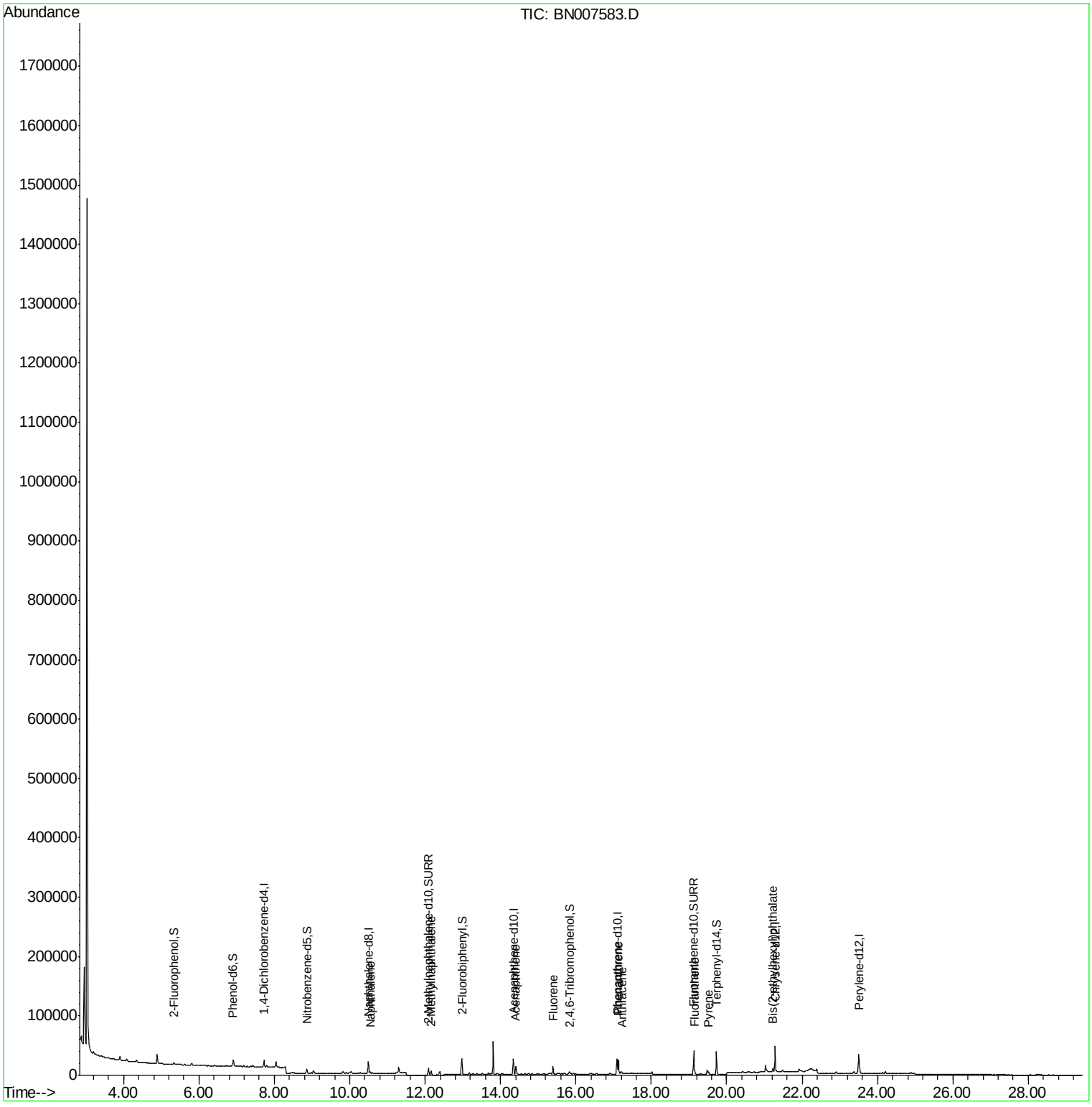
(#) = qualifier out of range (m) = manual integration (+) = signals summed

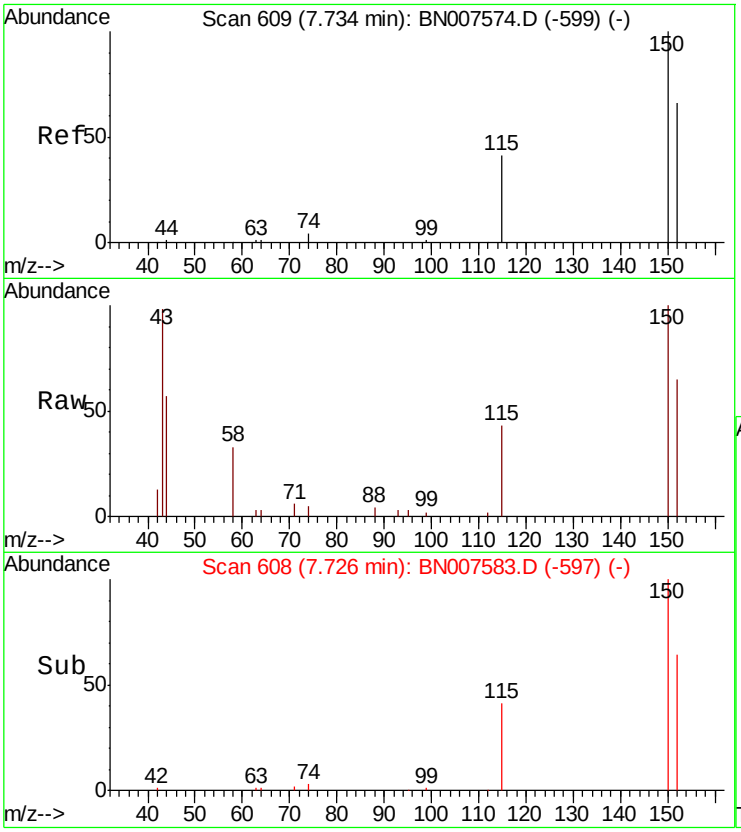
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007583.D
Acq On : 10 Sep 2019 19:42
Operator : HP/JU
Sample : K4781-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Quant Time: Sep 10 20:15:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:53:18 2019
Response via : Initial Calibration



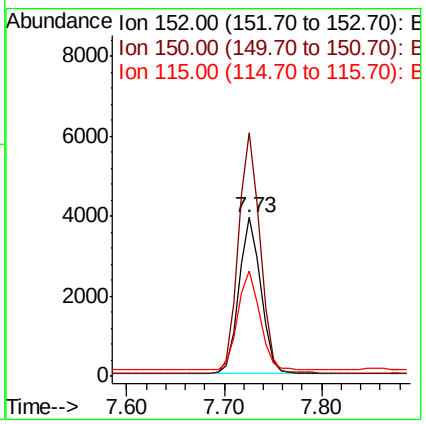


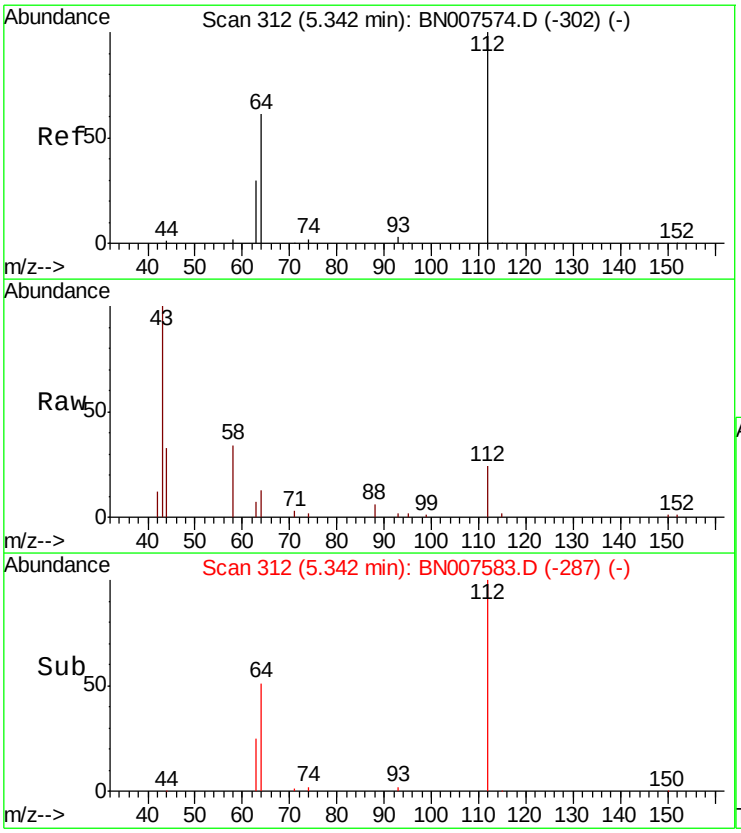
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:152 Resp: 5970

Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	66.1	53.0	79.6

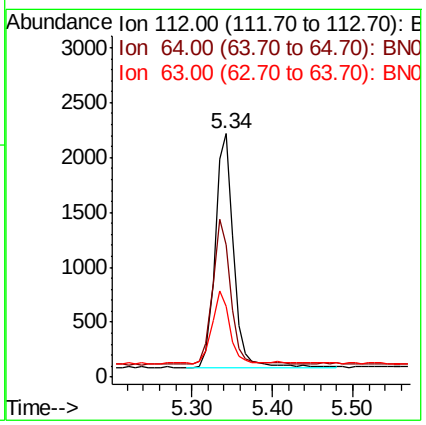


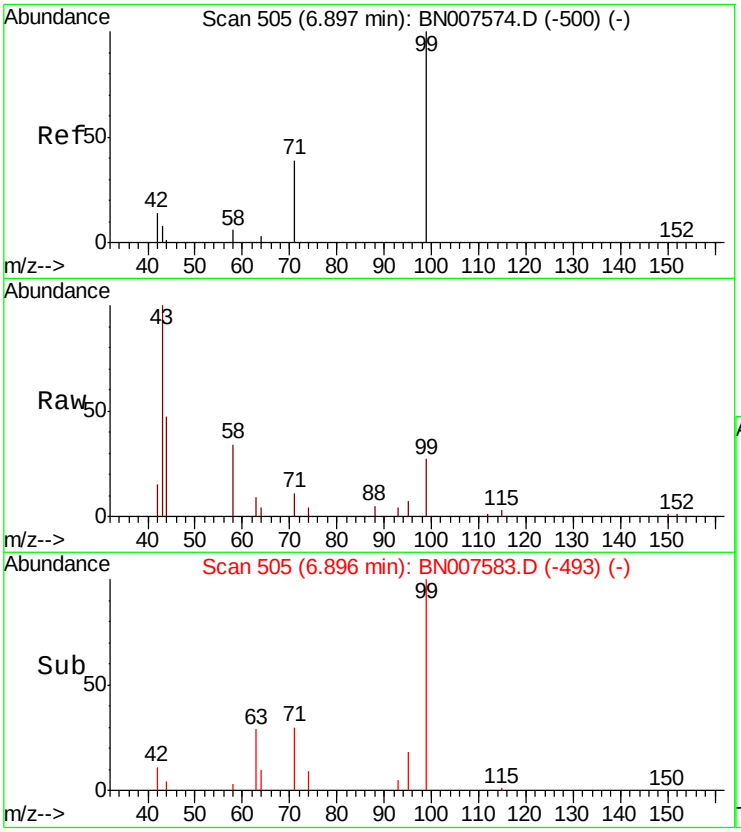


#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:112 Resp: 3412

Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.2	73.8
63	29.2	26.0	39.0



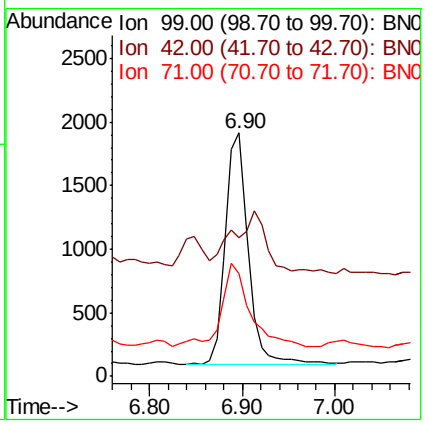


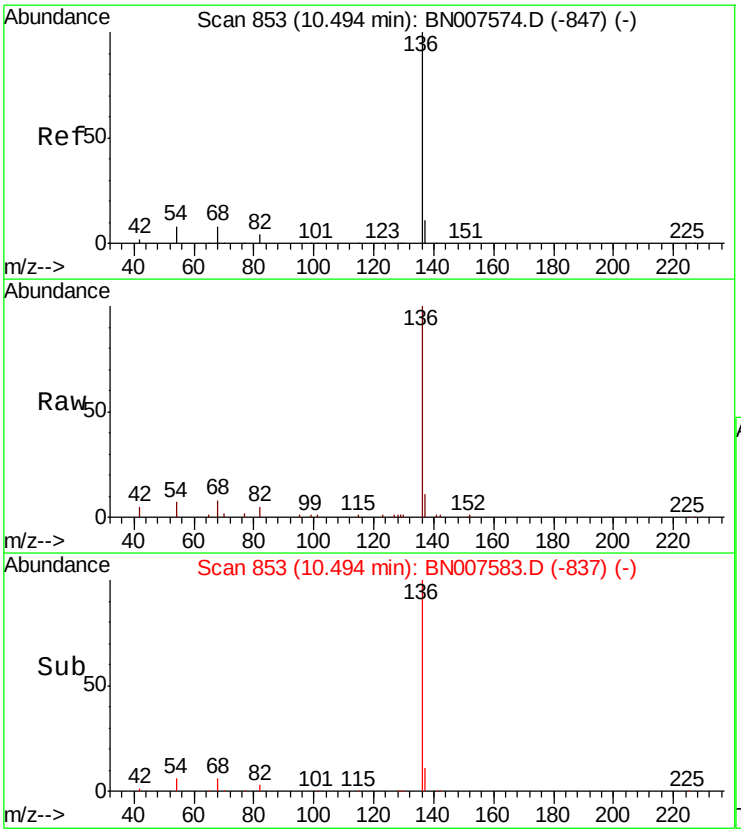
#5
Phenol-d6
Concen: 0.124 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion: 99 Resp: 3075

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.8	17.8#
71	46.4	28.8	43.2#

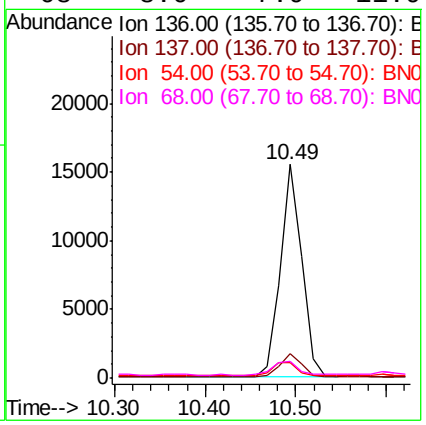


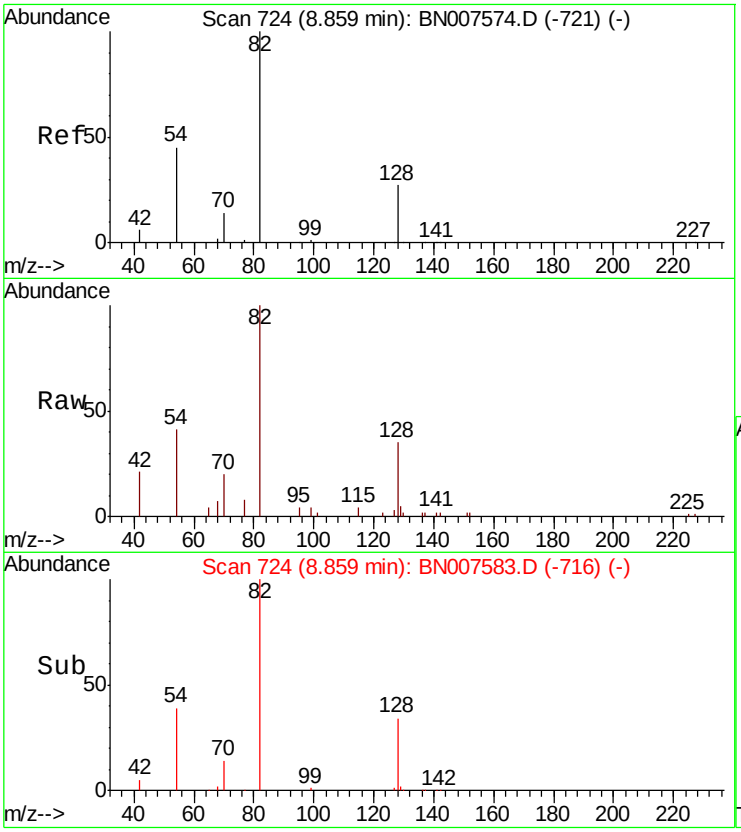


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:136 Resp: 25192

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	7.5	11.3#
68	8.0	7.9	11.9



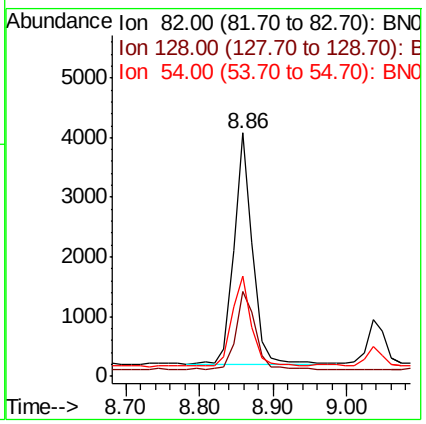


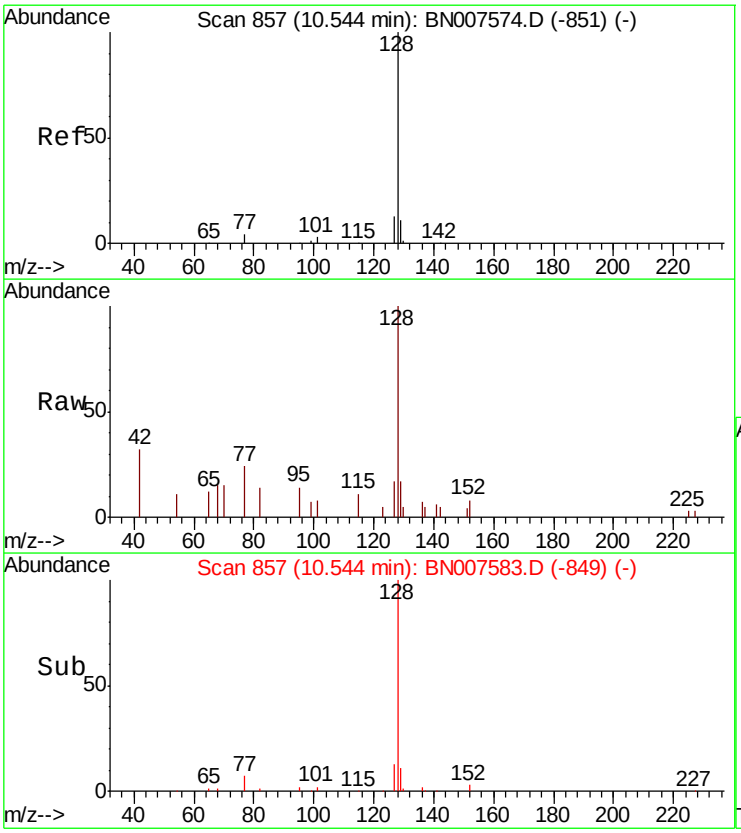
#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion: 82 Resp: 6739

Ion	Ratio	Lower	Upper
82	100		
128	34.9	23.4	35.2
54	41.2	38.2	57.2

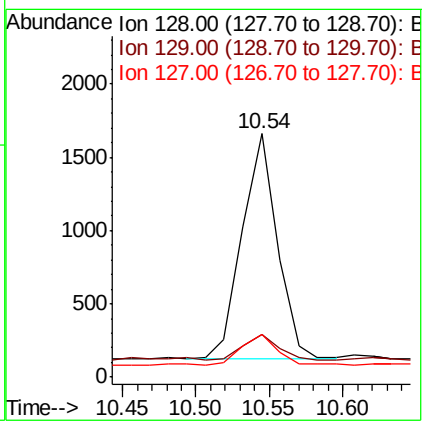


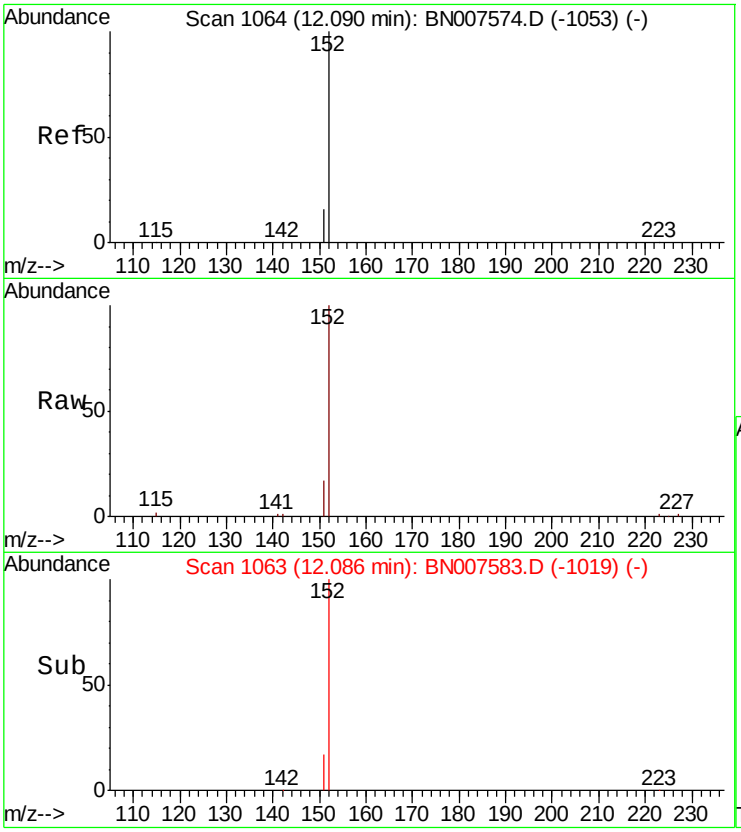


#9
Naphthalene
Concen: 0.036 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:128 Resp: 2564

Ion	Ratio	Lower	Upper
128	100		
129	17.4	9.3	13.9#
127	17.3	11.0	16.4#



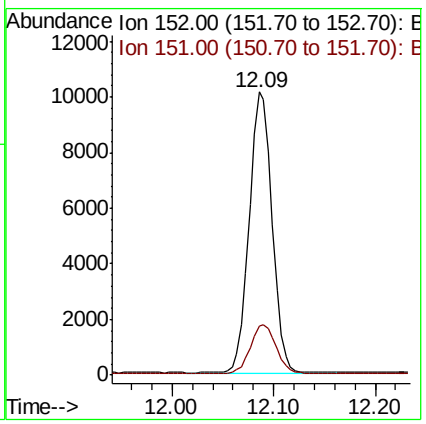


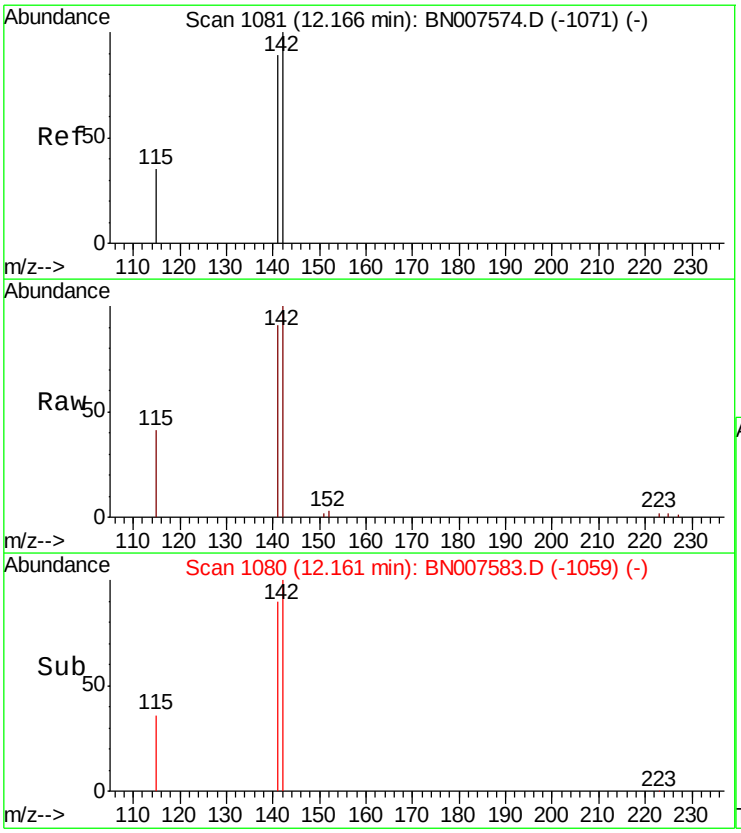
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.09 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:152 Resp: 15876

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

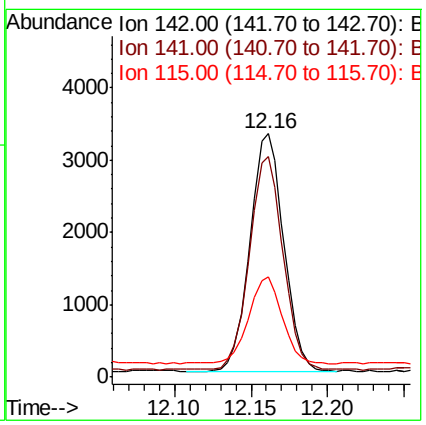


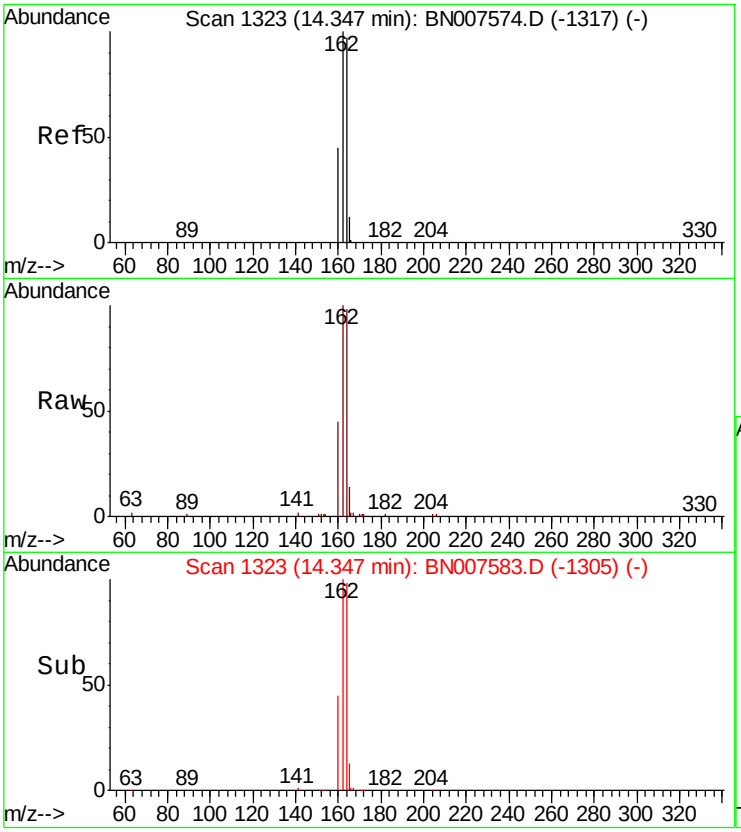


#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:142 Resp: 5062

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	41.0	29.1	43.7



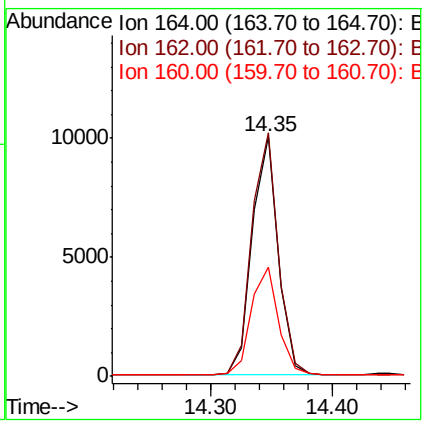


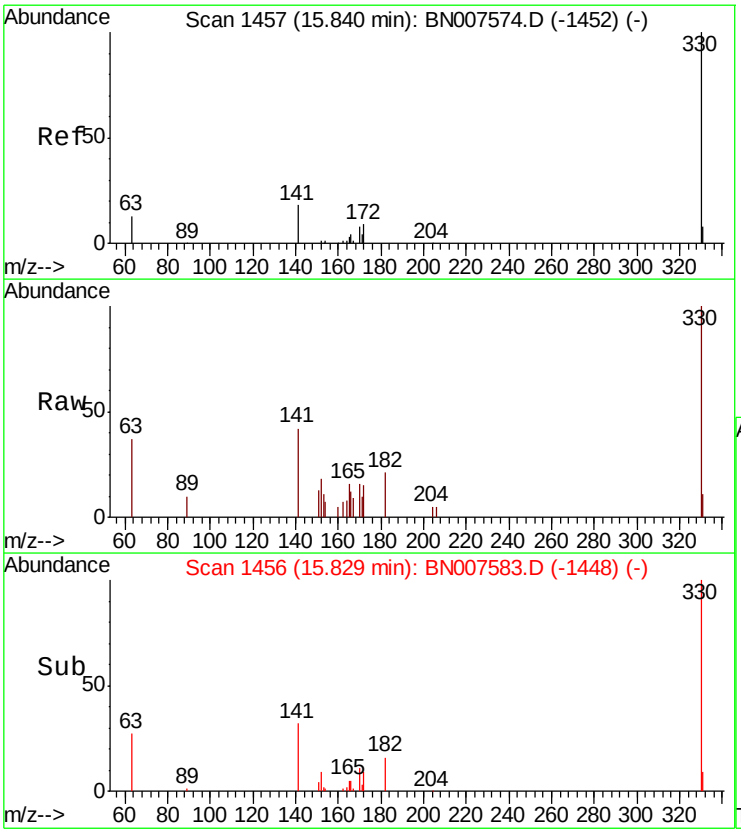
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:164 Resp: 14848

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.7	37.4	56.0

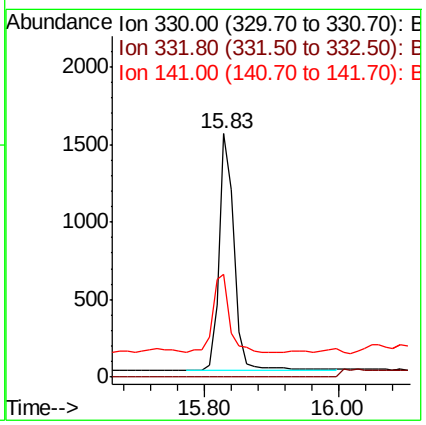


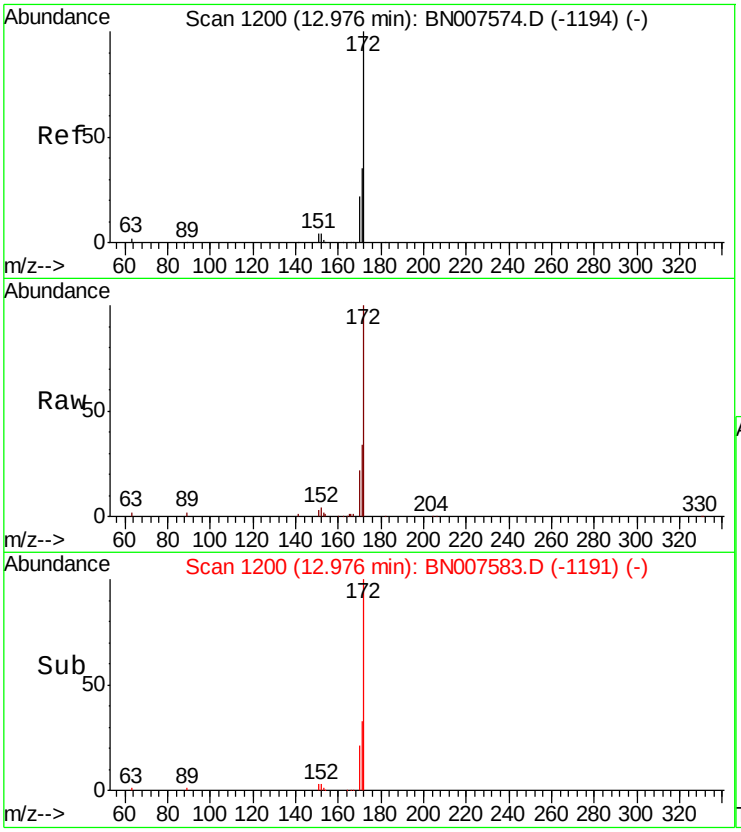


#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:330 Resp: 2373

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	30.6	45.8



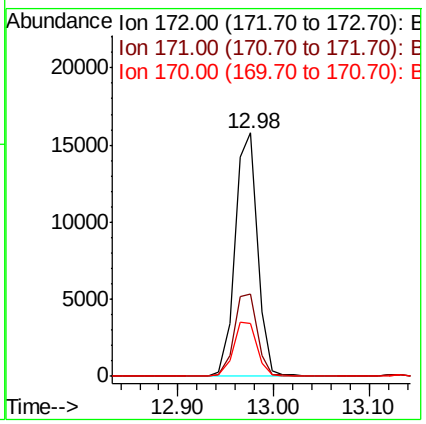


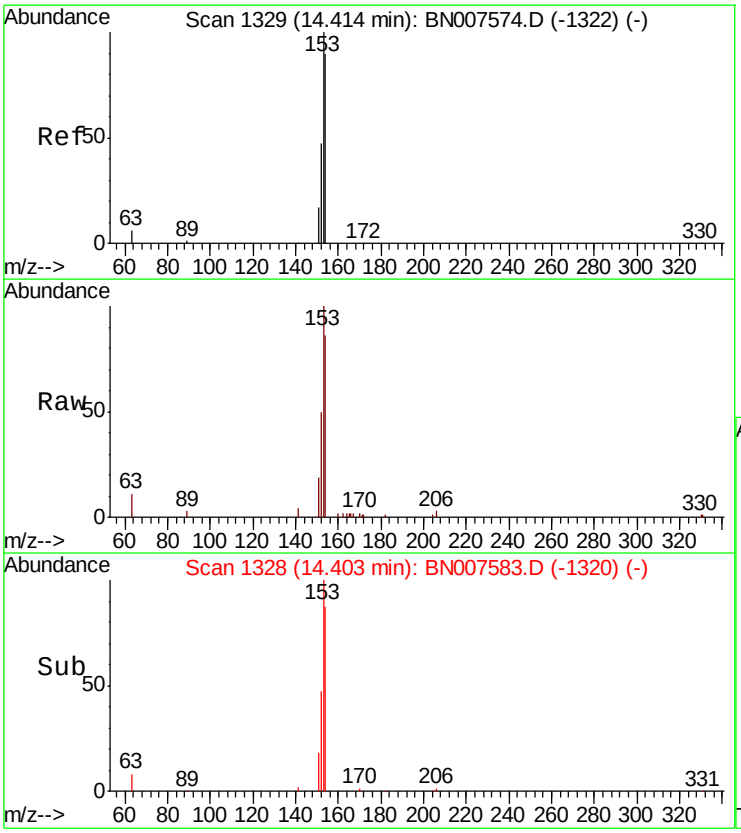
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.98 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:172 Resp: 25413

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.2	42.2
170	21.6	18.3	27.5

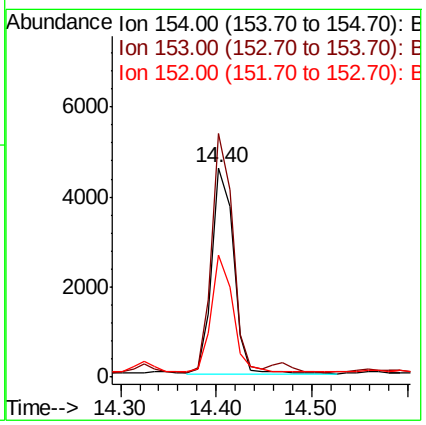


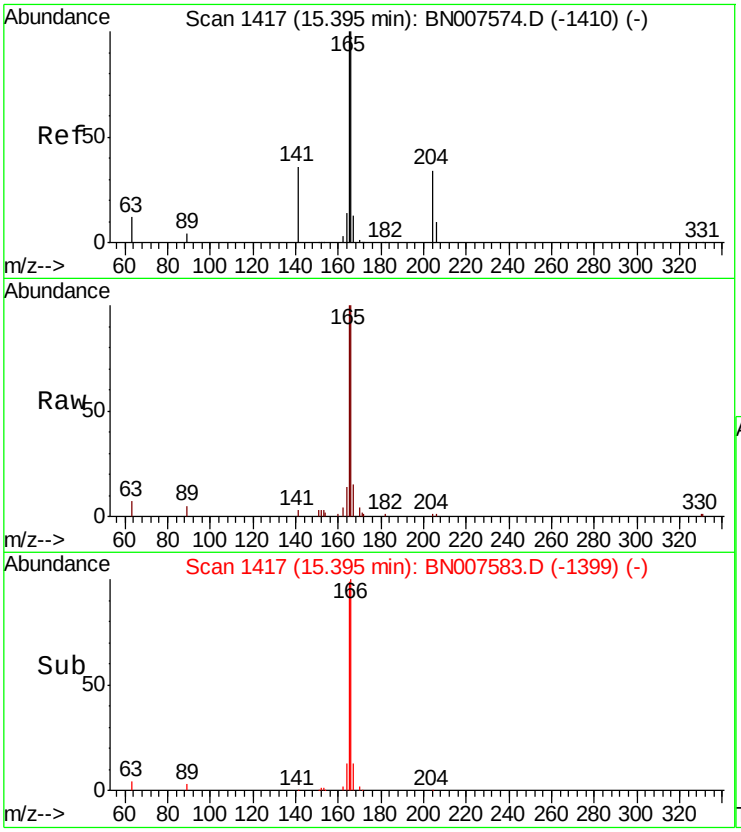


#17
Acenaphthene
Concen: 0.143 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:154 Resp: 7198

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.2
152	56.9	43.4	65.0



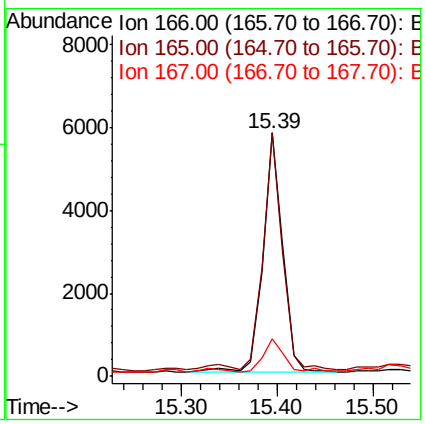


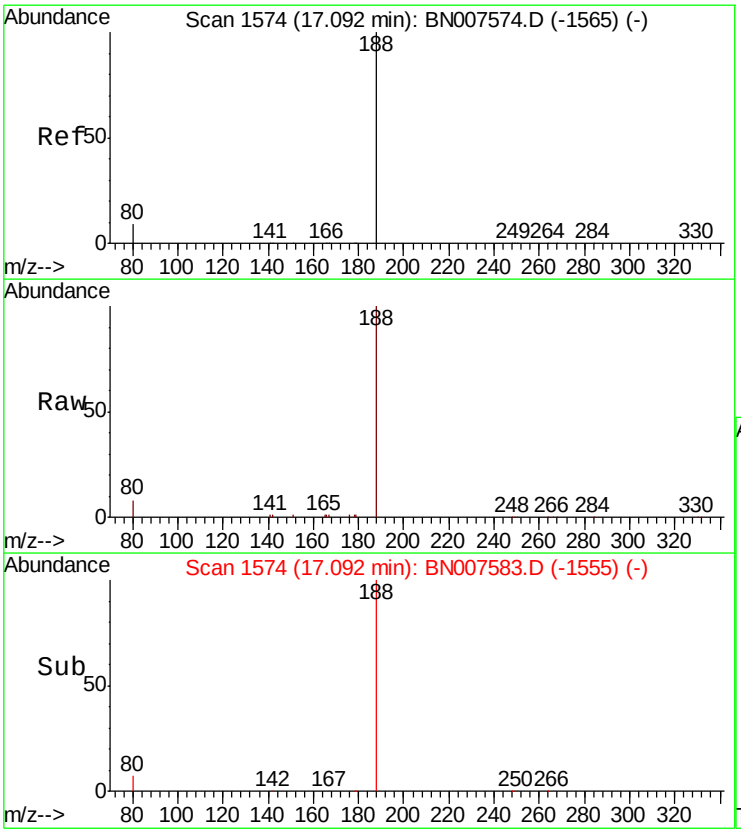
#18
Fluorene
Concen: 0.123 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:166 Resp: 8130

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.8	116.6
167	14.4	11.0	16.4

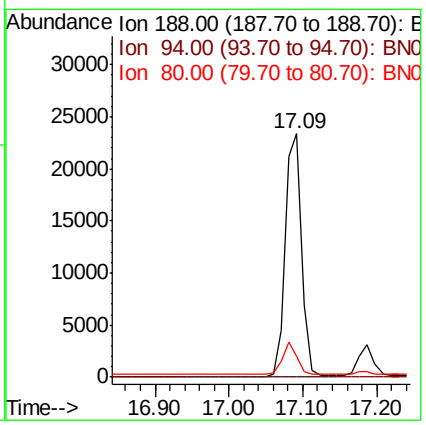


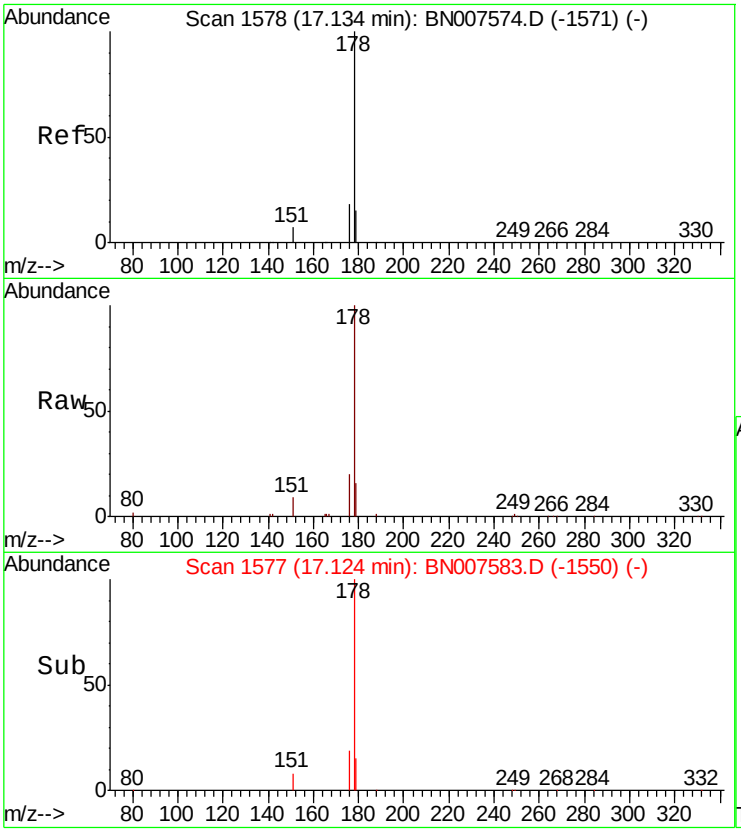


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:188 Resp: 36106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	8.1	12.1



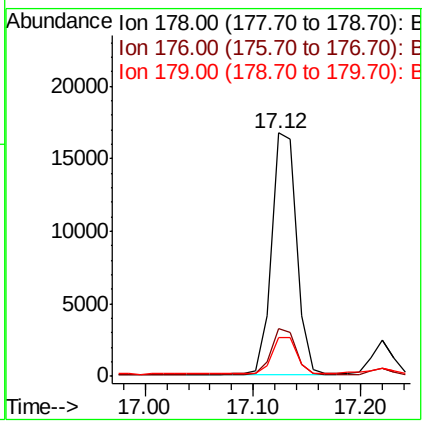


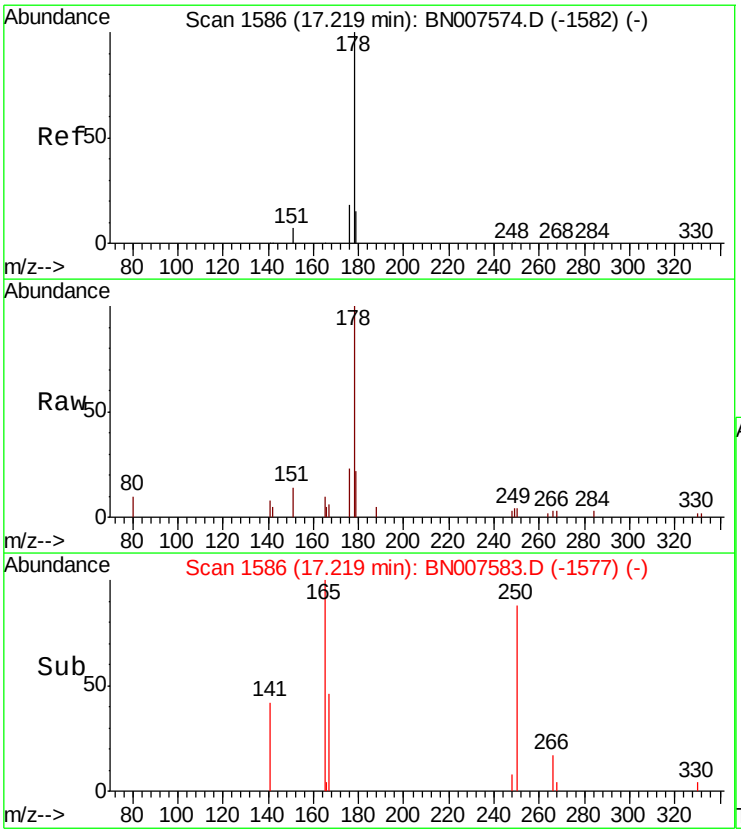
#23
Phenanthrene
Concen: 0.239 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:178 Resp: 26605

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.2	18.2

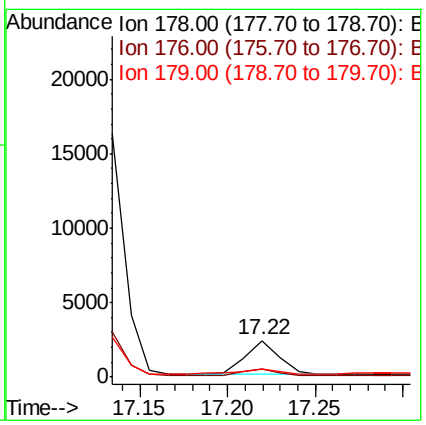


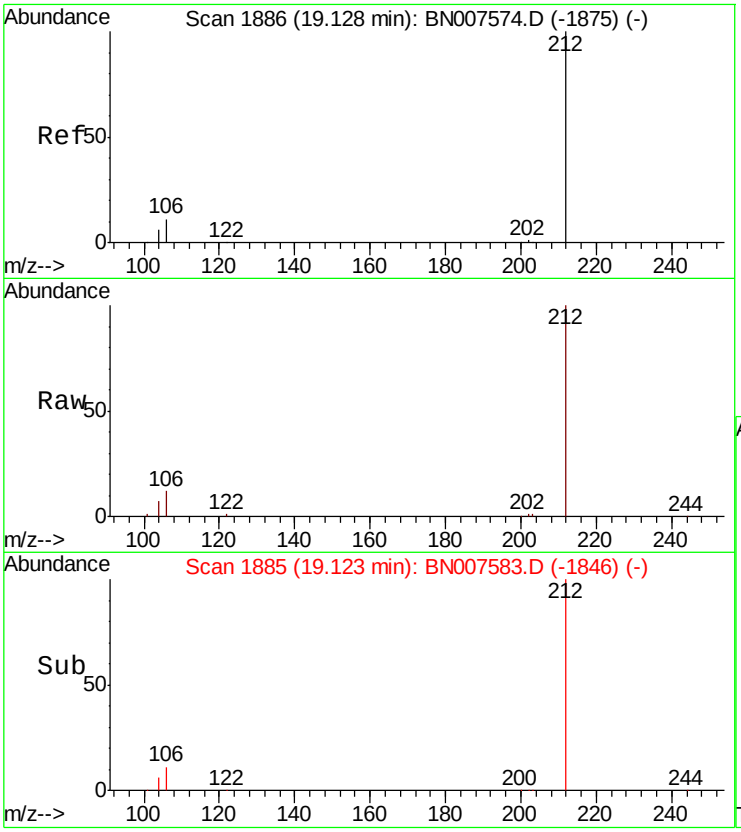


#24
Anthracene
Concen: 0.030 ng
RT: 17.22 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:178 Resp: 3082

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	21.9	12.5	18.7#



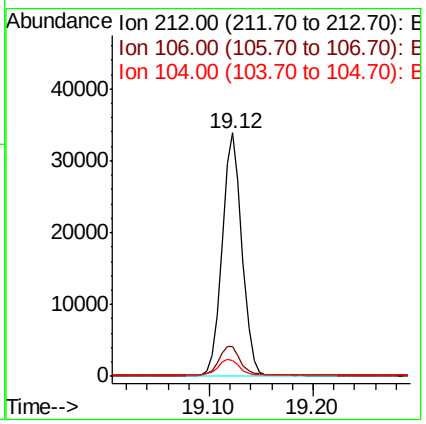


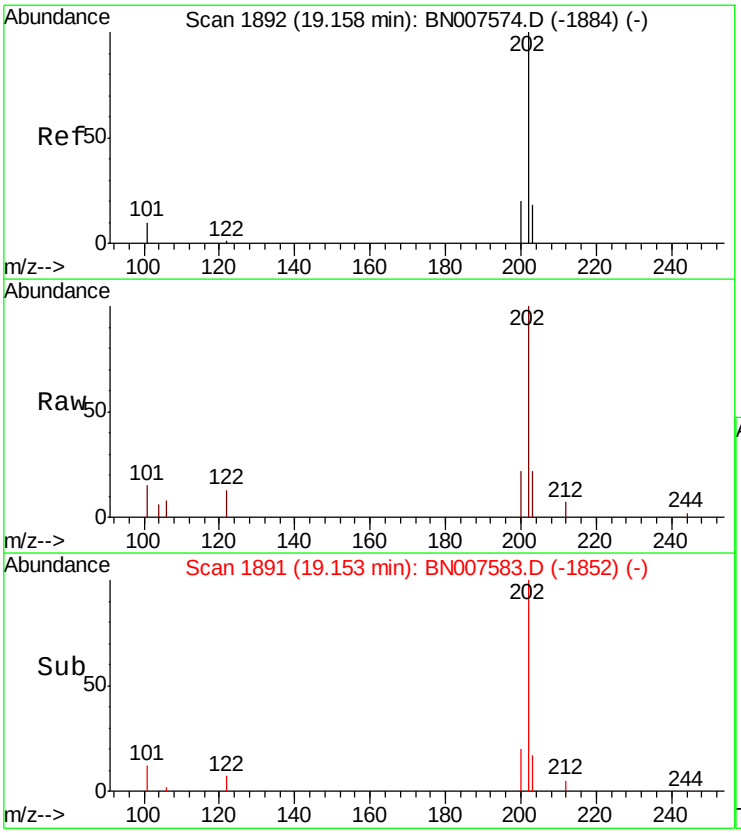
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:212 Resp: 43797

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.7	14.5
104	6.7	5.5	8.3

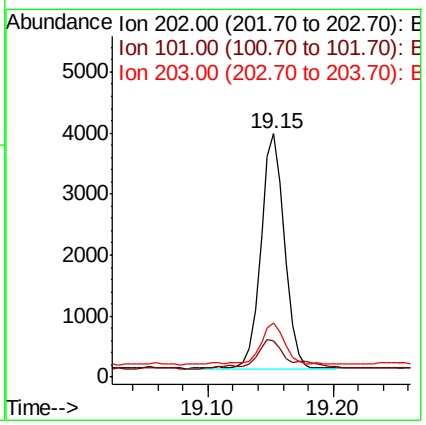


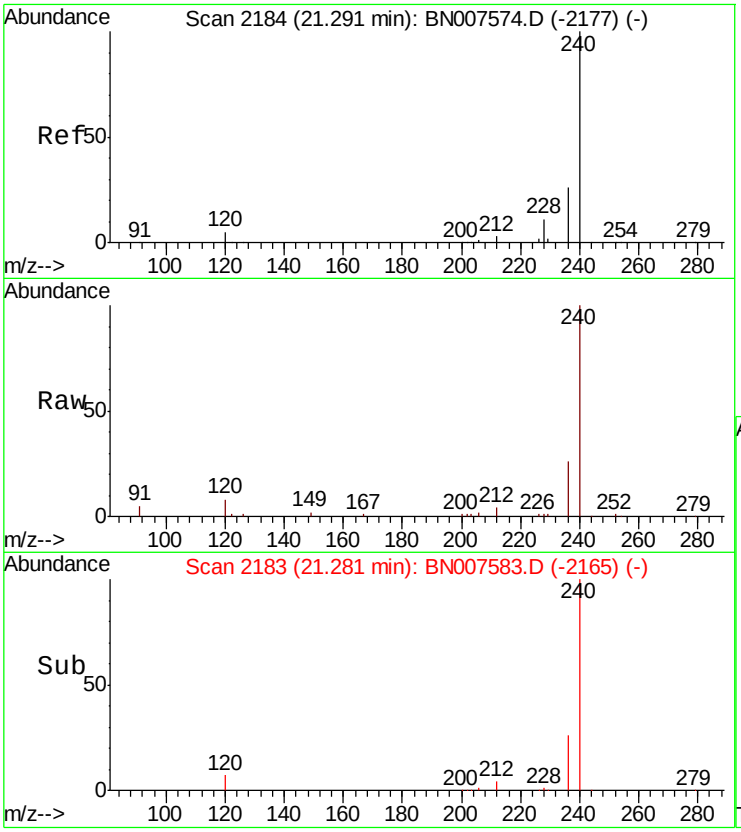


#26
Fluoranthene
Concen: 0.037 ng
RT: 19.15 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:202 Resp: 5025

Ion	Ratio	Lower	Upper
202	100		
101	17.5	8.8	13.2#
203	17.5	13.8	20.8



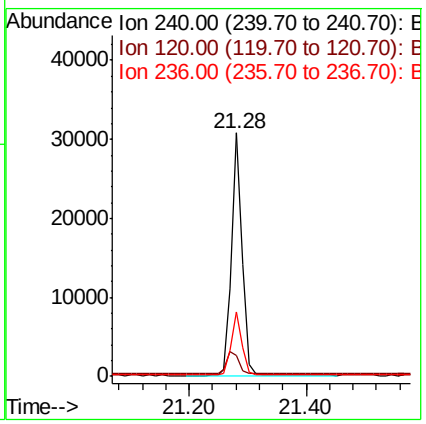


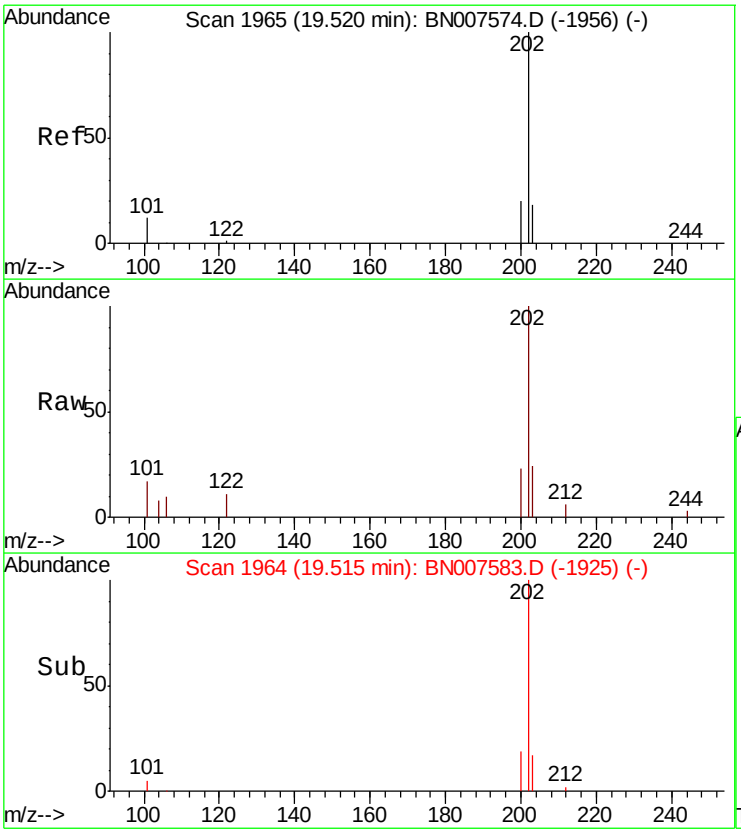
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:240 Resp: 37357

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.0	7.4#
236	26.4	20.6	31.0

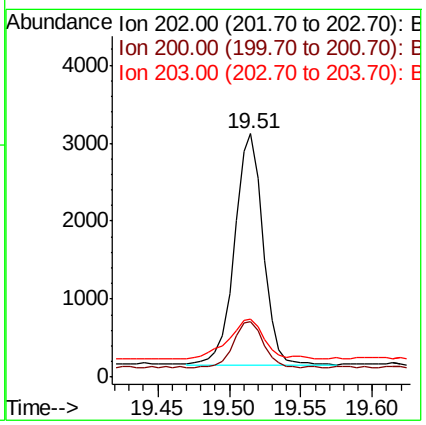


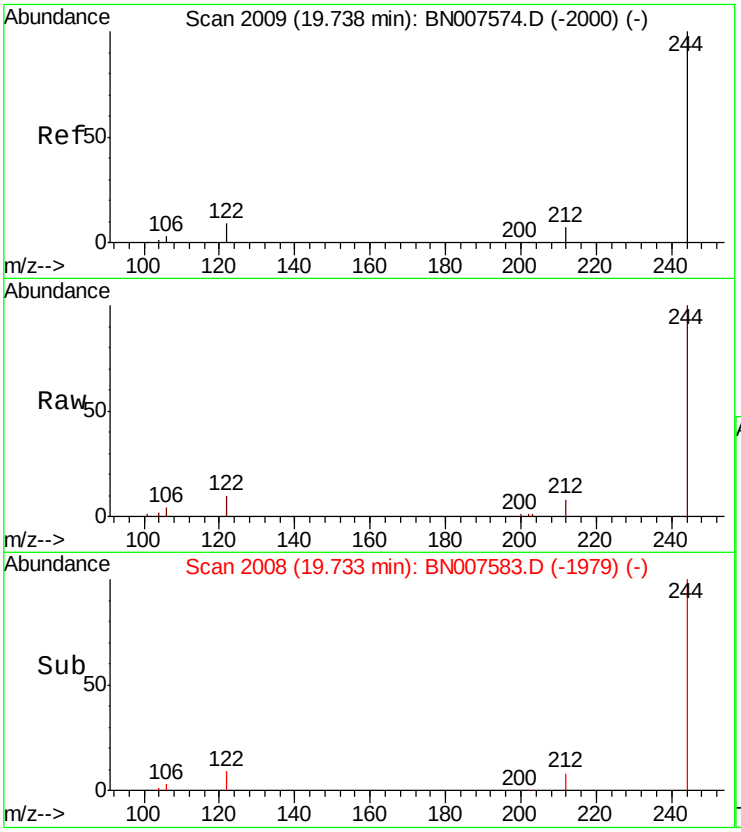


#28
Pyrene
Concen: 0.031 ng
RT: 19.51 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:202 Resp: 4106

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	22.3	14.1	21.1#



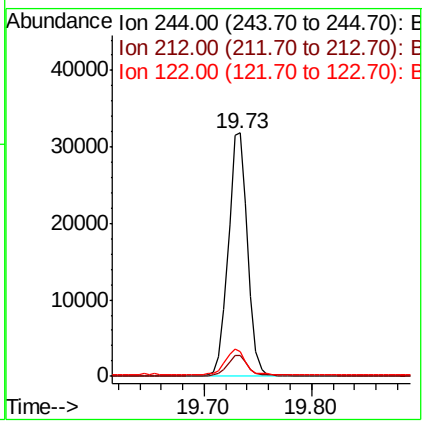


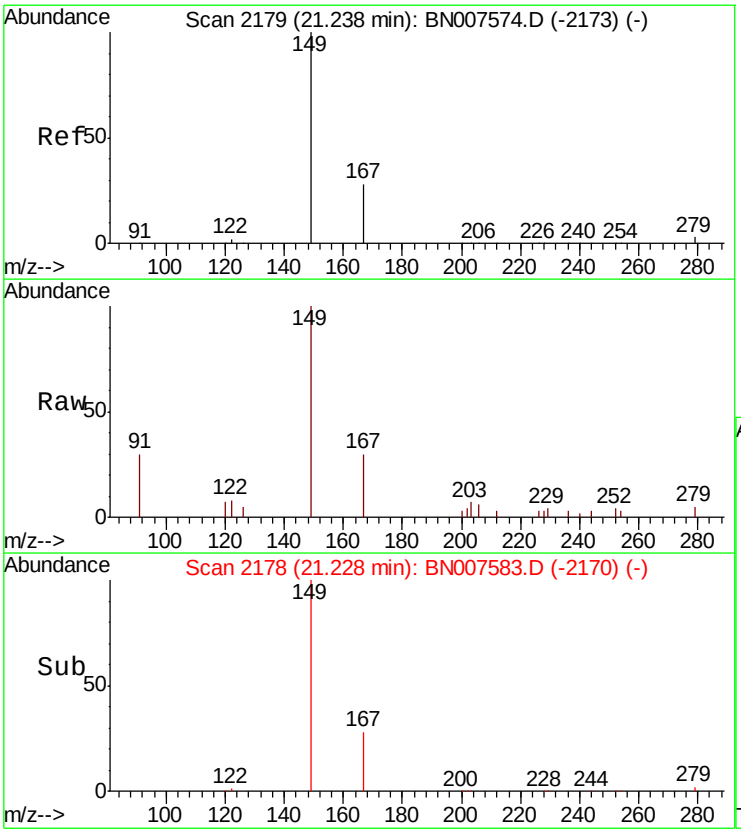
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.73 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:244 Resp: 39309

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.9	7.8	11.6

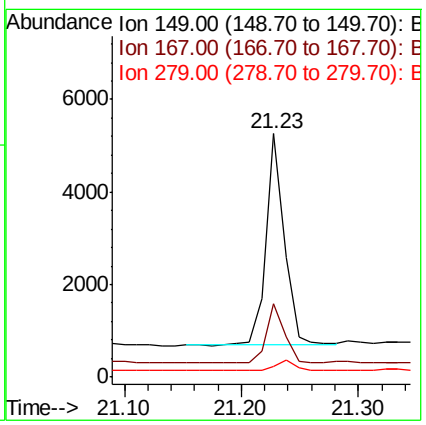


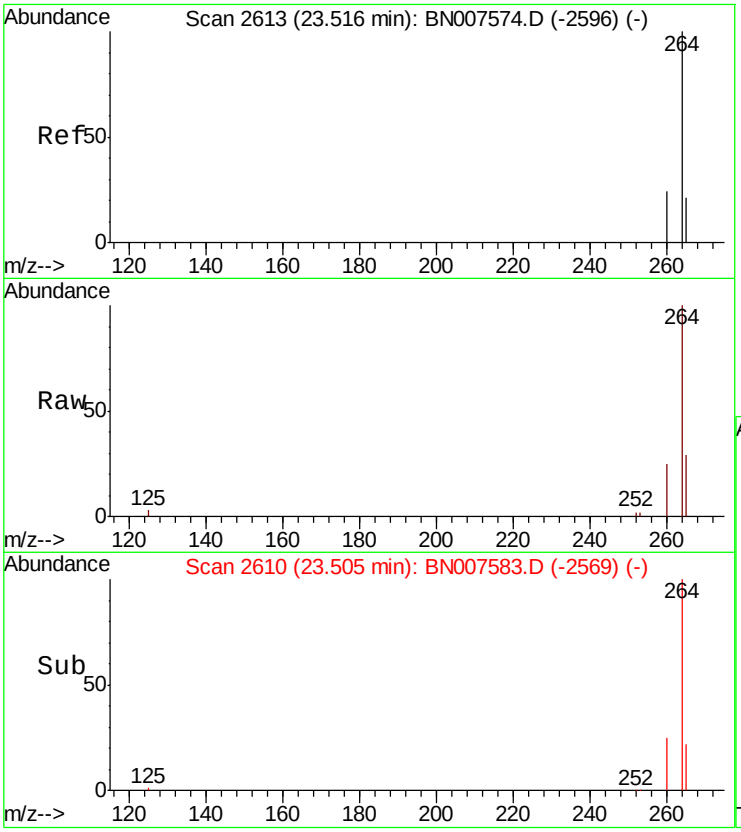


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:149 Resp: 5047

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.6	3.9	5.9





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :
GW800-8.0-13.0-090719

Tgt Ion:264 Resp: 40305

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	29.0	25.6	38.4