Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007546.D
Acq On : 06 Sep 2019 17:42
Operator : HP/JU
Sample : K4697-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GW507-K2-5.0-10.0-090419

Quant Time: Sep 06 18:24:28 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	5511	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	21344	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	11890	0.40	ng		-0.02
19) Phenanthrene-d10	16.78	188	26190	0.40	ng		-0.02
27) Chrysene-d12	21.02	240	25175	0.40	ng		0.00
34) Perylene-d12	23.11	264	27763	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	1599	0.06	ng		-0.02
5) Phenol-d6	6.58	99	1420	0.03	ng		0.00
8) Nitrobenzene-d5	8.52	82	3538	0.19	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	7044	0.20	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	1171	0.19	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	20292	0.42	ng		0.00
25) Fluoranthene-d10	18.83	212	14454	0.17	ng		-0.01
29) Terphenyl-d14	19.45	244	13010	0.20	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.19	128	40198	0.659	ng	#	90
12) 2-Methylnaphthalene	11.82	142	6493	0.156	ng		99
17) Acenaphthene	14.10	154	1345	0.033	ng		92
18) Fluorene	15.09	166	1458	0.028	ng	#	92
23) Phenanthrene	16.83	178	5182	0.066	ng		98
26) Fluoranthene	18.86	202	2392	0.024	ng		99
28) Pyrene	19.23	202	2615	0.026	ng	#	94
32) Bis(2-ethylhexyl)phthalate	20.96	149	12347	0.174	ng		98

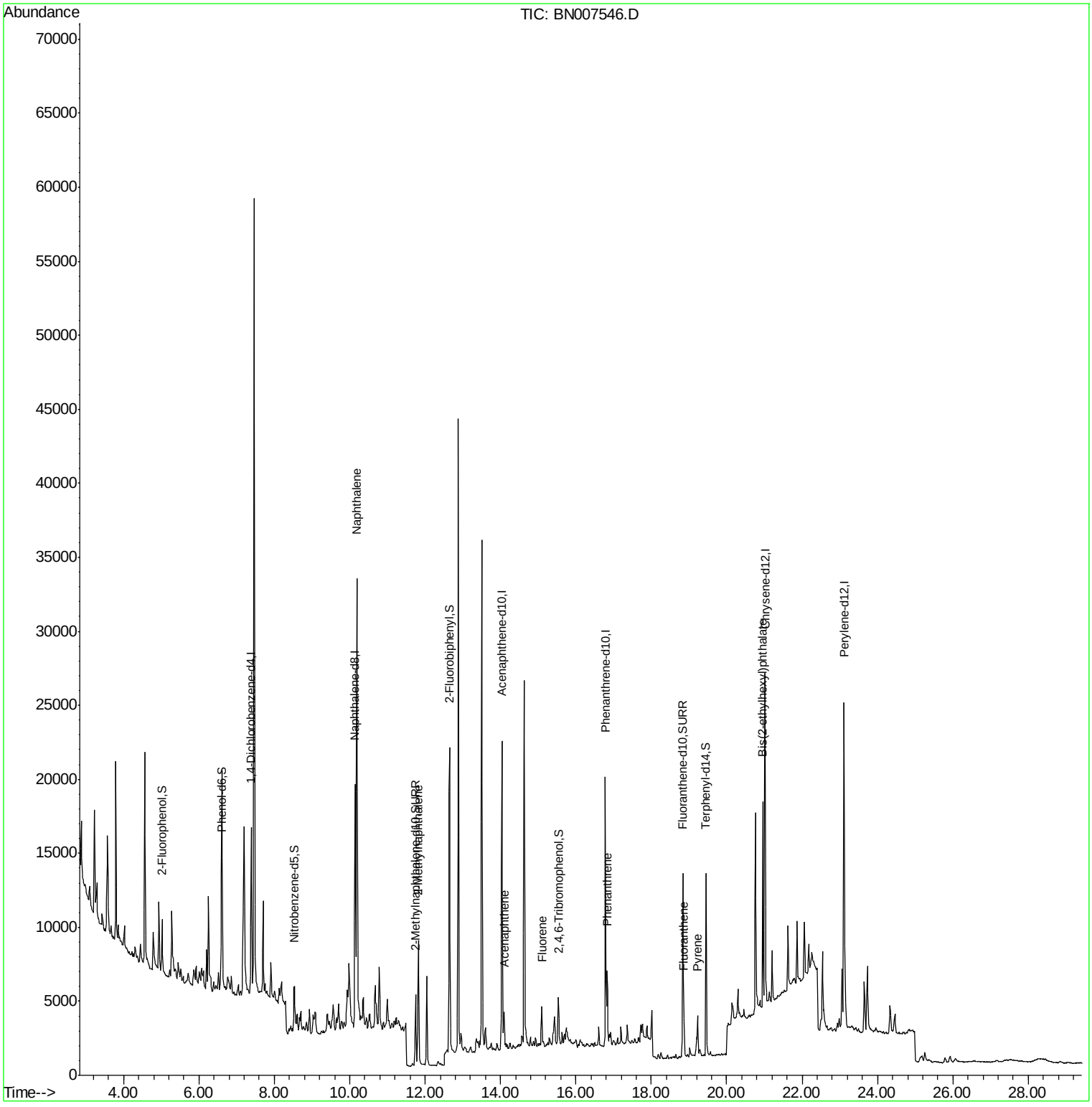
(#) = qualifier out of range (m) = manual integration (+) = signals summed

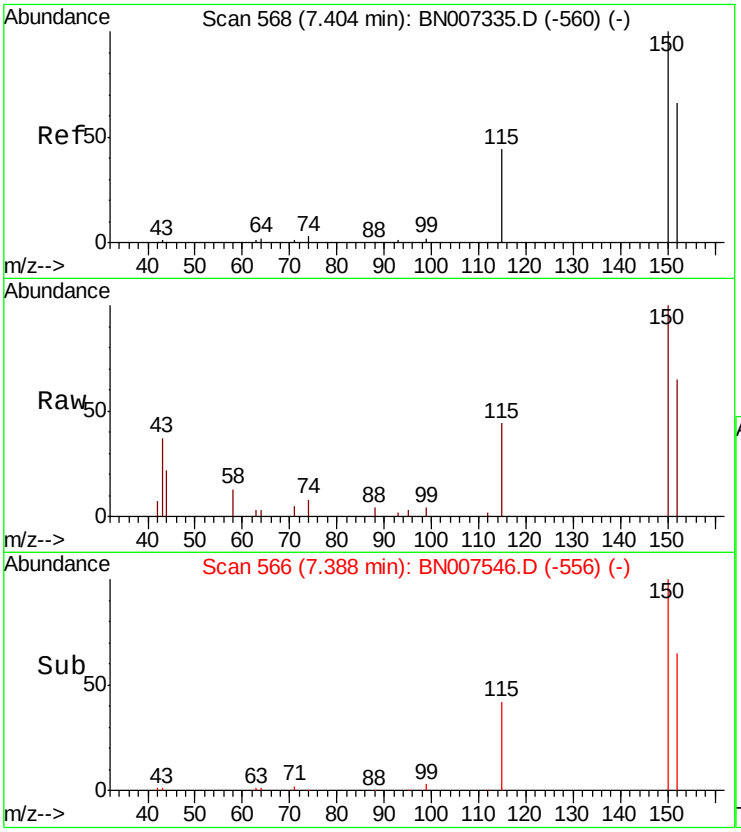
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007546.D
Acq On : 06 Sep 2019 17:42
Operator : HP/JU
Sample : K4697-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Quant Time: Sep 06 18:24:28 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



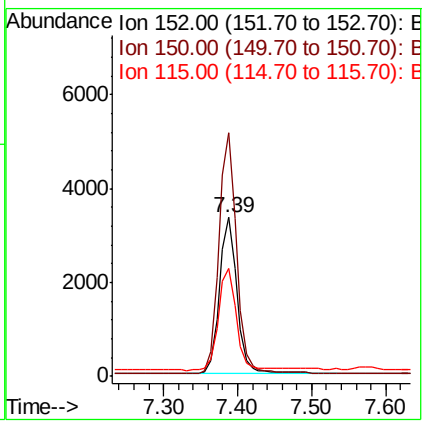


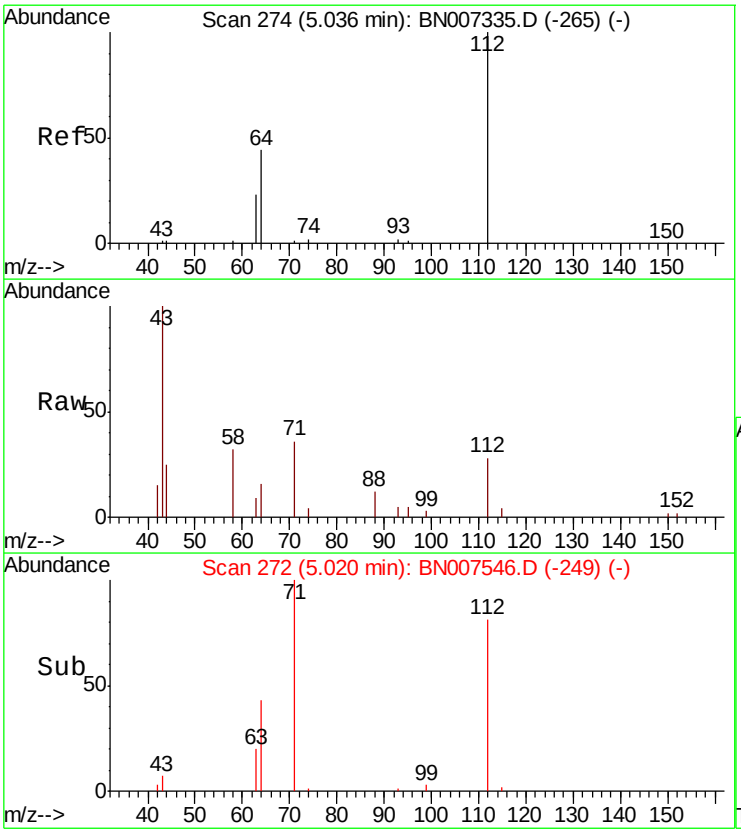
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:152 Resp: 5511

Ion	Ratio	Lower	Upper
152	100		
150	153.2	109.1	163.7
115	67.7	59.6	89.4

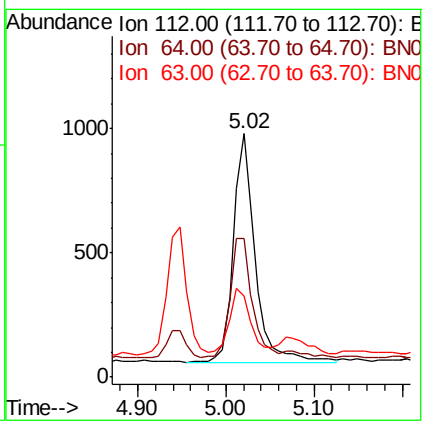


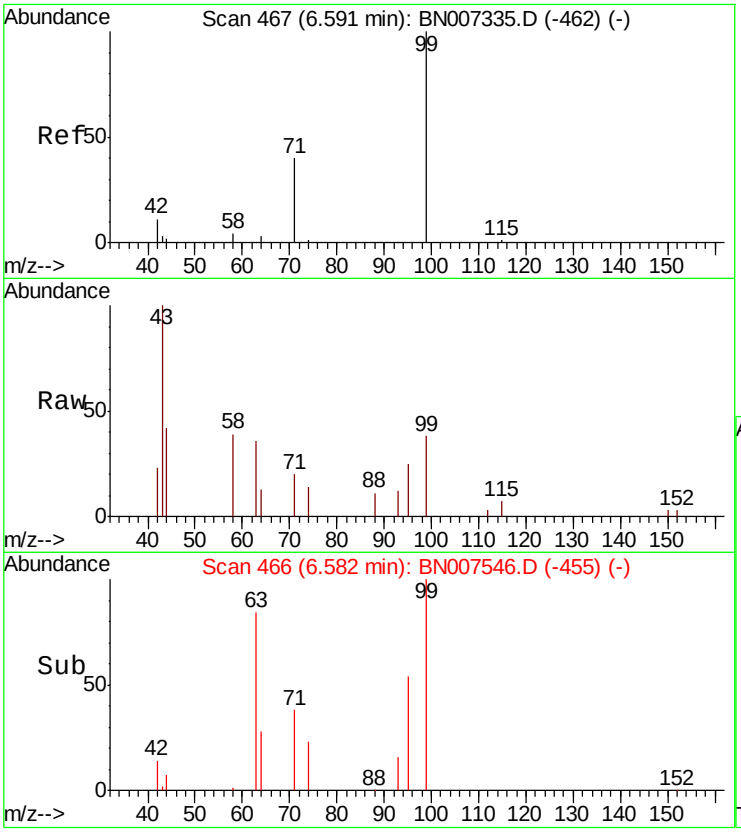


#4
2-Fluorophenol
Concen: 0.060 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:112 Resp: 1599

Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.3	63.5
63	27.2	23.6	35.4



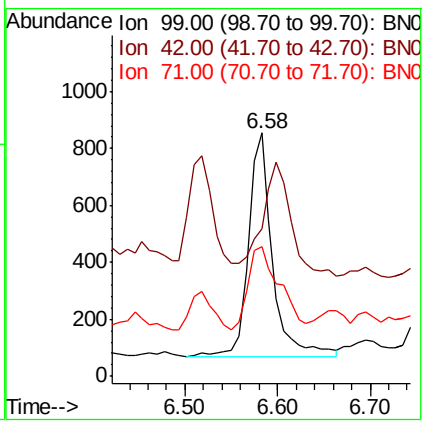


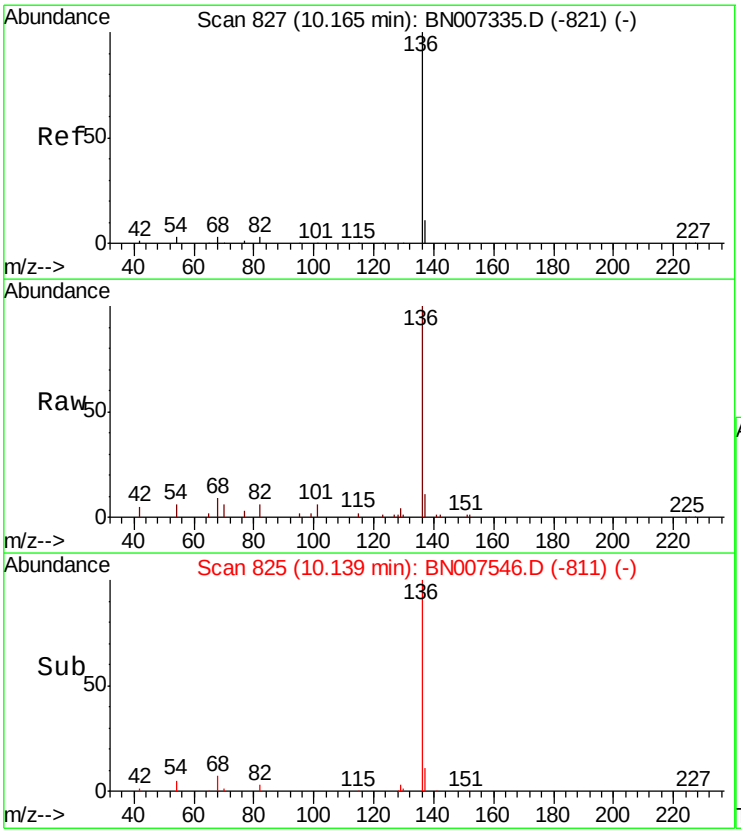
#5
Phenol-d6
Concen: 0.030 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion: 99 Resp: 1420

Ion	Ratio	Lower	Upper
99	100		
42	61.4	11.2	16.8#
71	48.6	31.8	47.8#

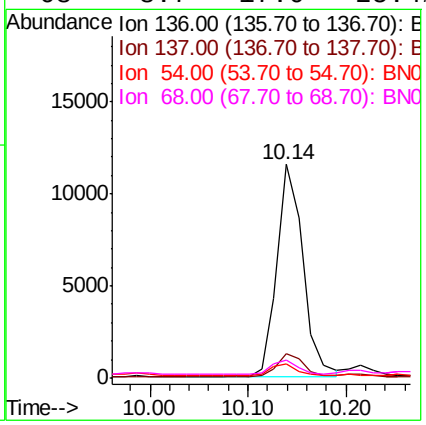


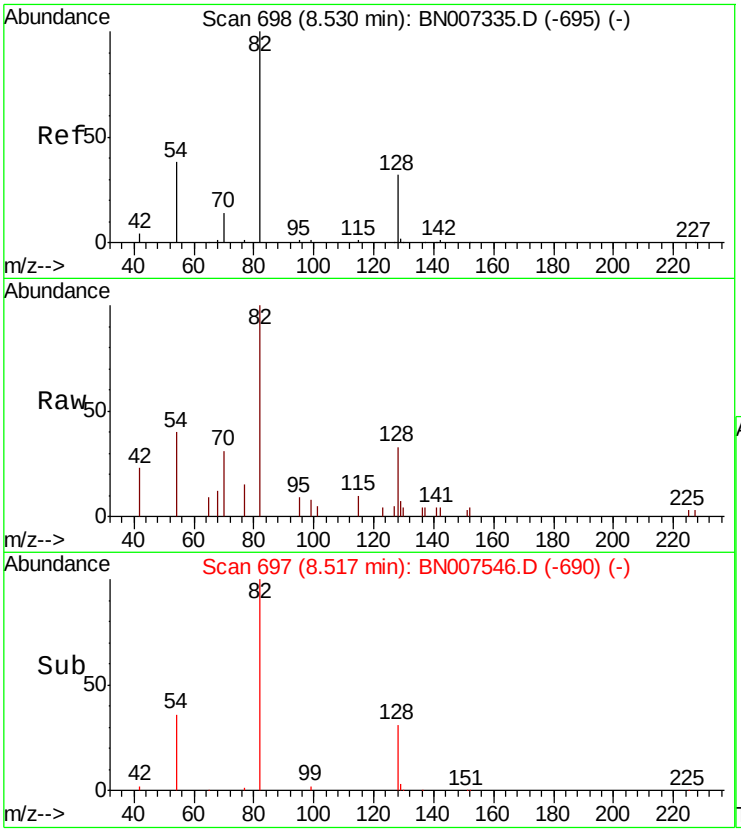


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:136 Resp: 21344

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	6.4	8.6	12.8#
68	8.7	17.0	25.4#



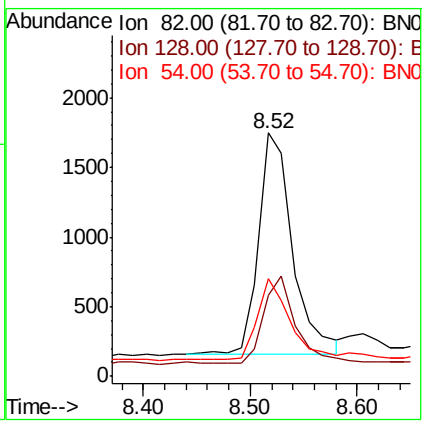


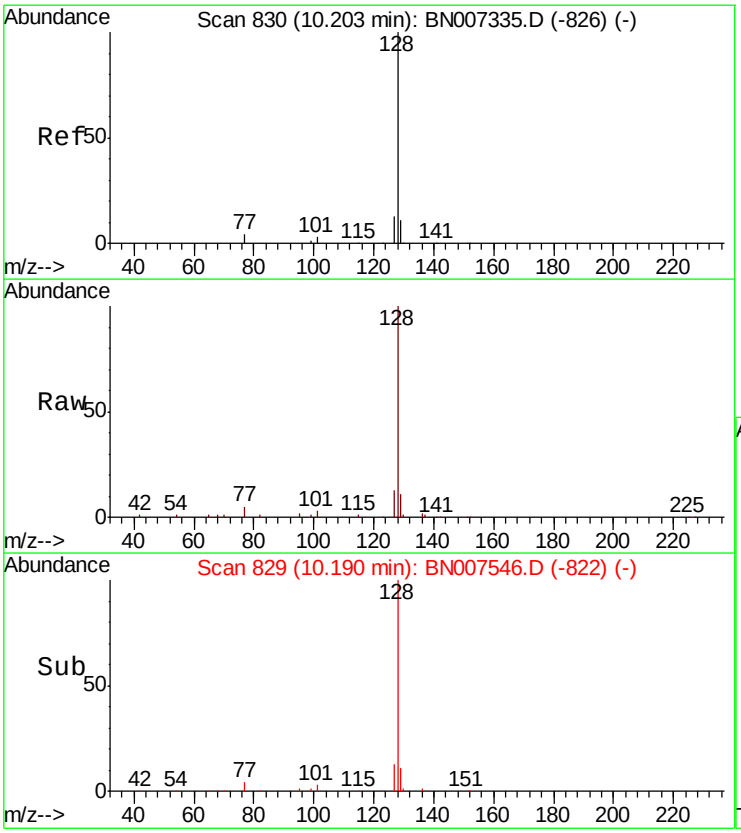
#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 8.52 min Scan# 697
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion: 82 Resp: 3538

Ion	Ratio	Lower	Upper
82	100		
128	33.5	19.7	29.5#
54	40.2	25.8	38.6#

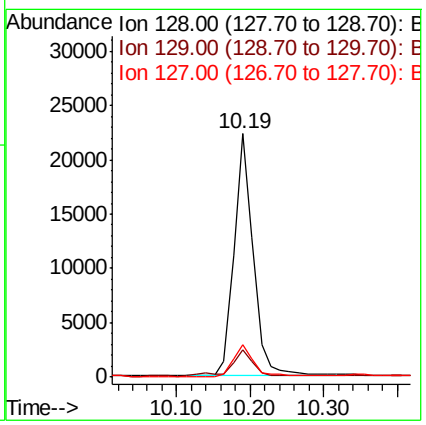


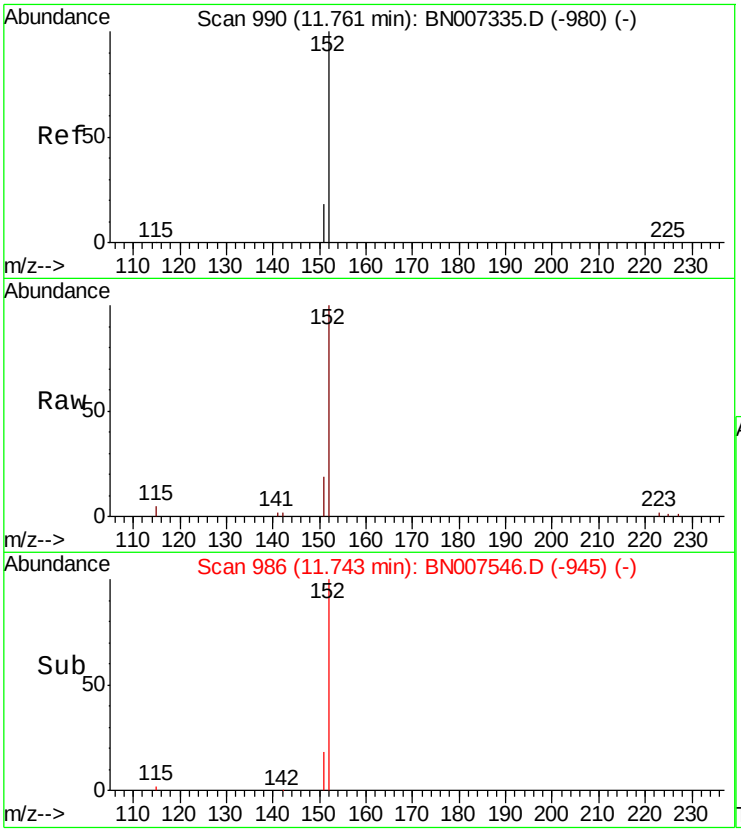


#9
Naphthalene
Concen: 0.659 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:128 Resp: 40198

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.1	16.7
127	13.4	15.5	23.3#



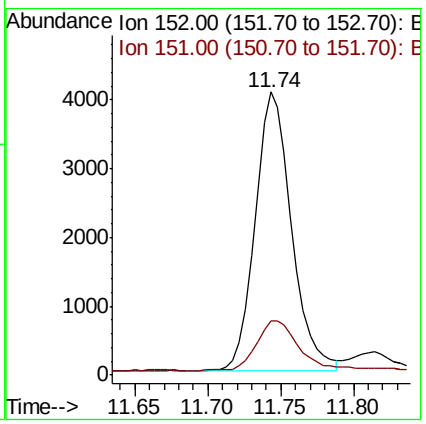


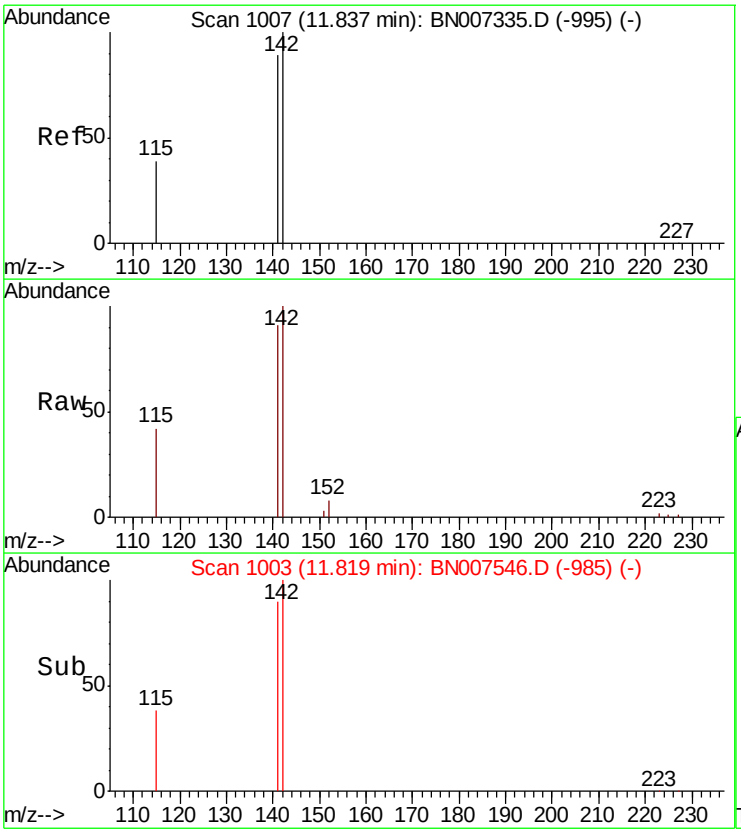
#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:152 Resp: 7044

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2

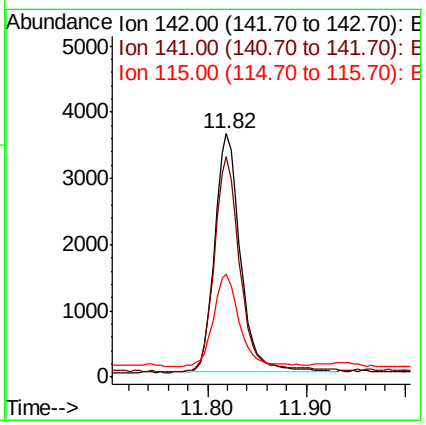


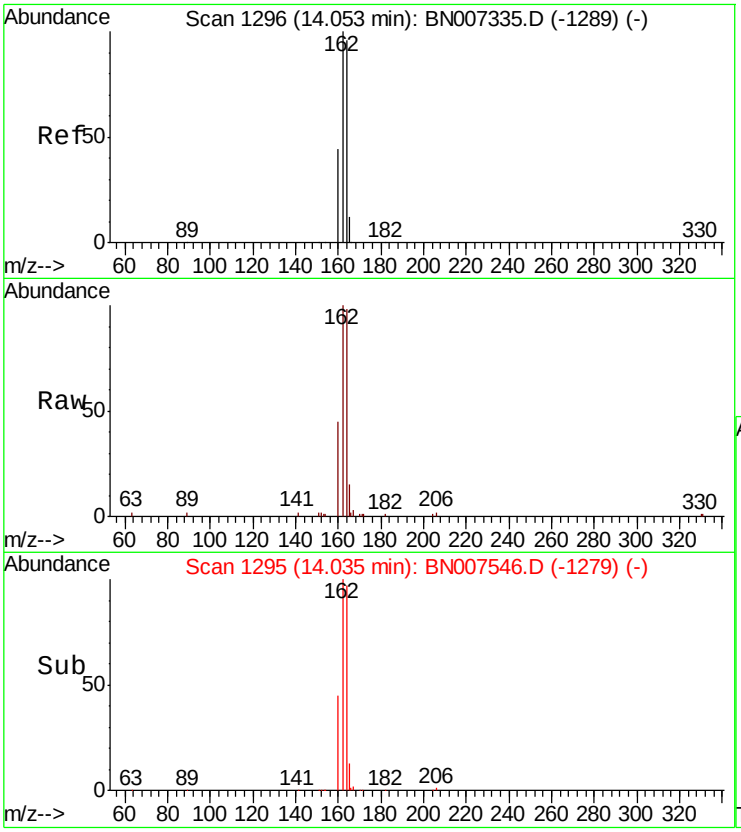


#12
2-Methylnaphthalene
Concen: 0.156 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:142 Resp: 6493

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.8	109.2
115	42.4	35.2	52.8



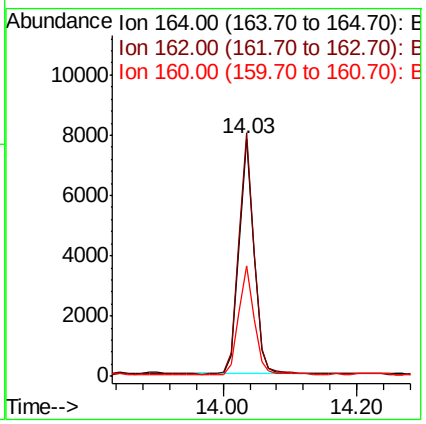


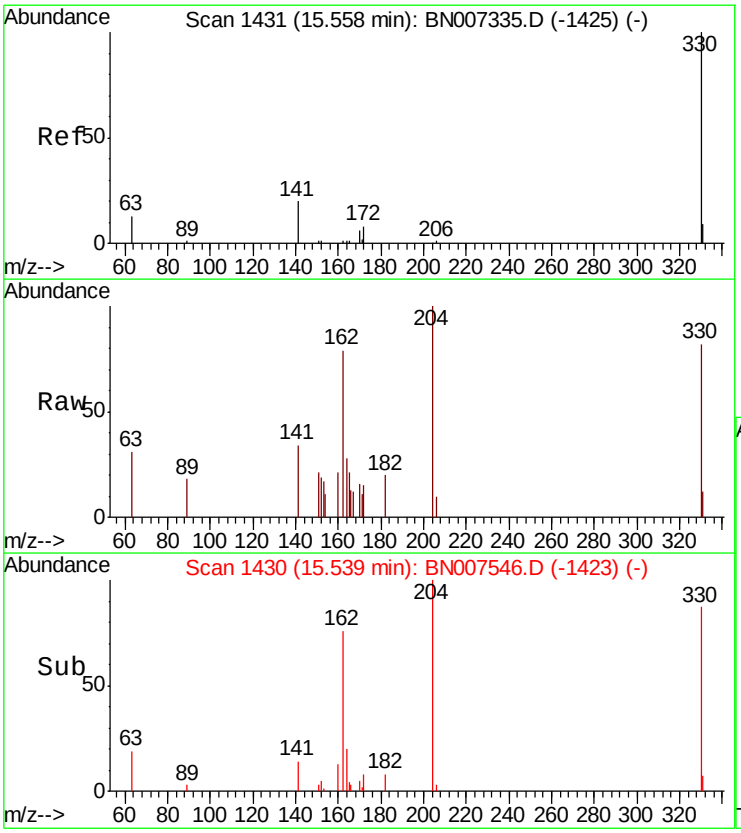
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:164 Resp: 11890

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	46.3	38.2	57.4

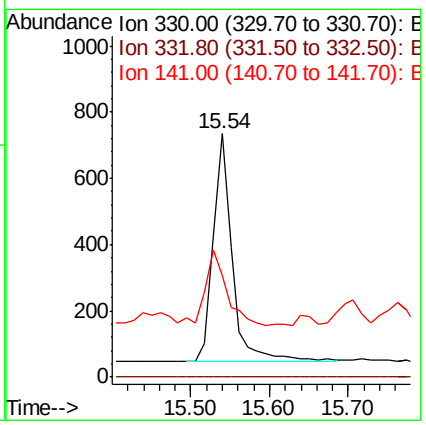


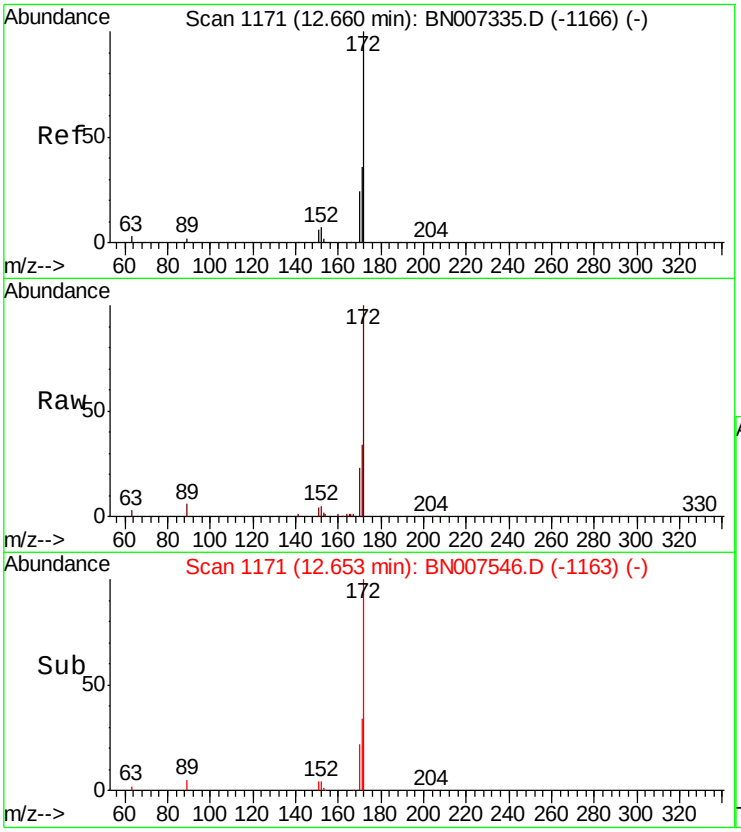


#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:330 Resp: 1171

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.6	26.9	40.3



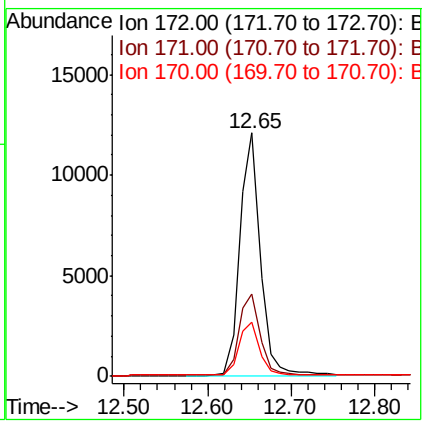


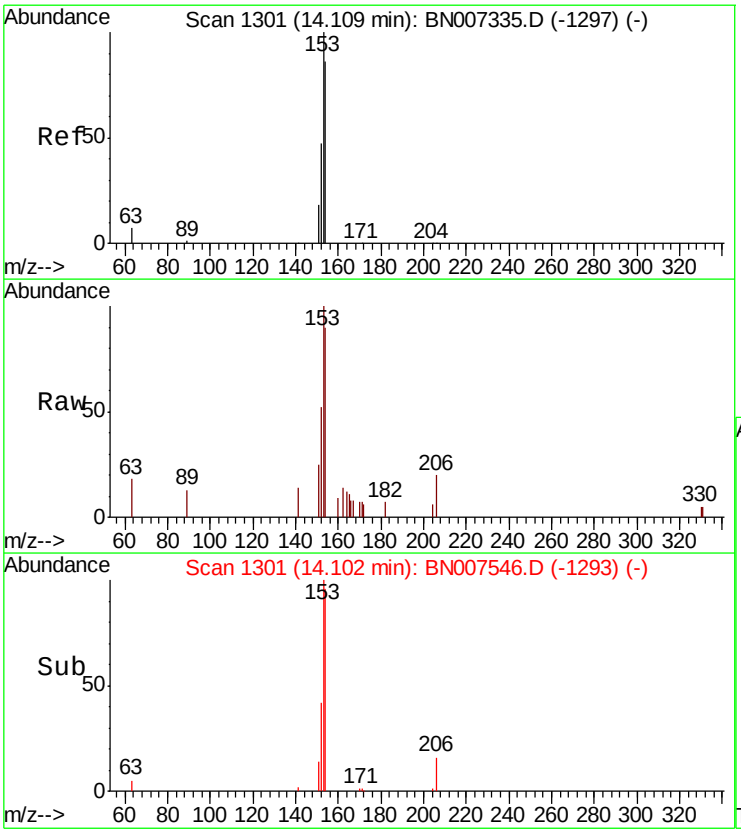
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:172 Resp: 20292

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.3	45.5
170	22.5	20.7	31.1

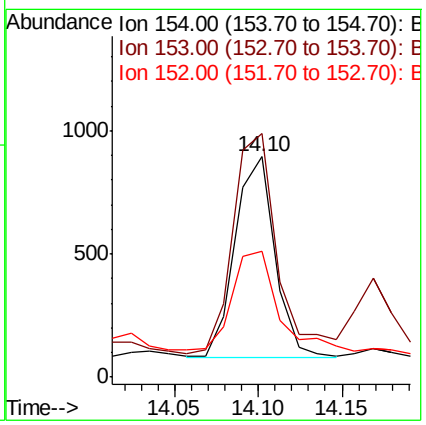


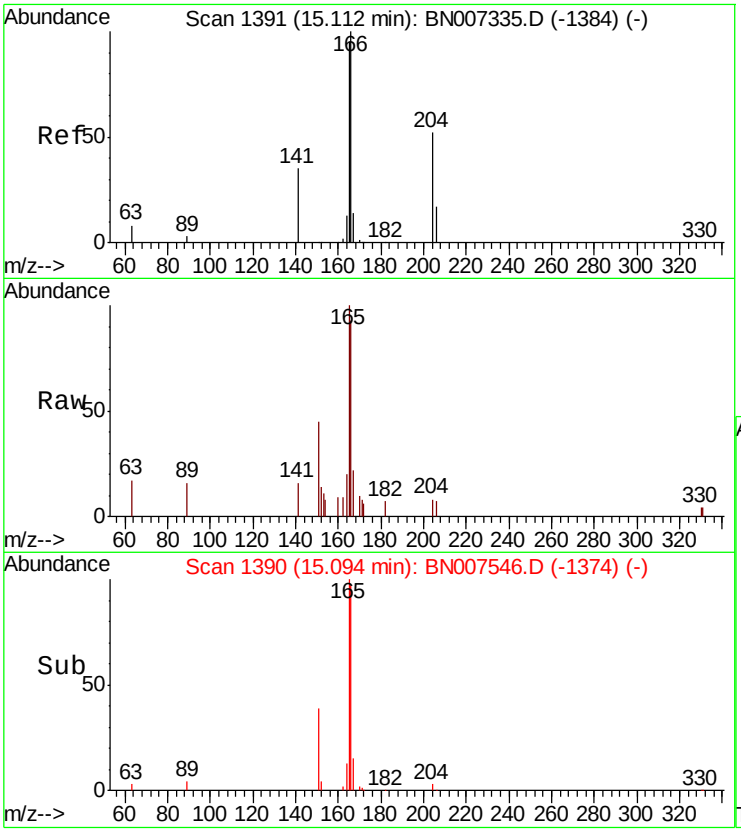


#17
Acenaphthene
Concen: 0.033 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:154 Resp: 1345

Ion	Ratio	Lower	Upper
154	100		
153	121.7	92.8	139.2
152	65.7	43.8	65.8



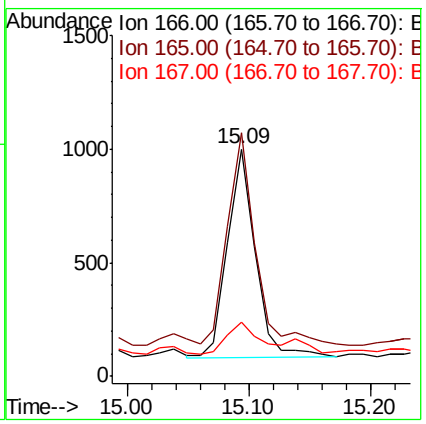


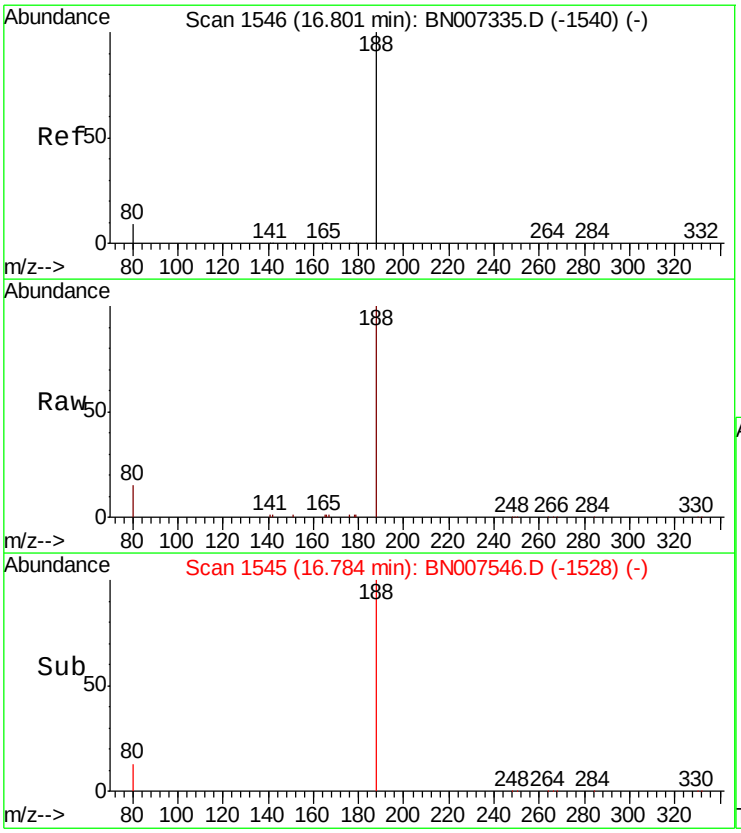
#18
Fluorene
Concen: 0.028 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:166 Resp: 1458

Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.0	118.4
167	23.3	10.6	15.8#

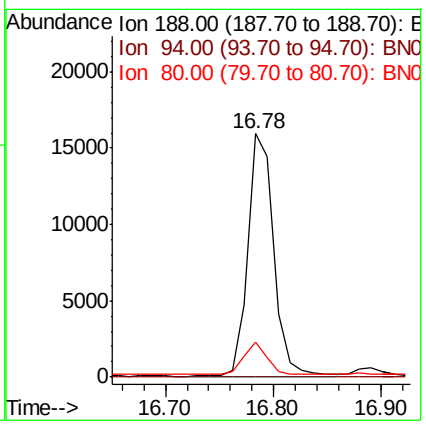


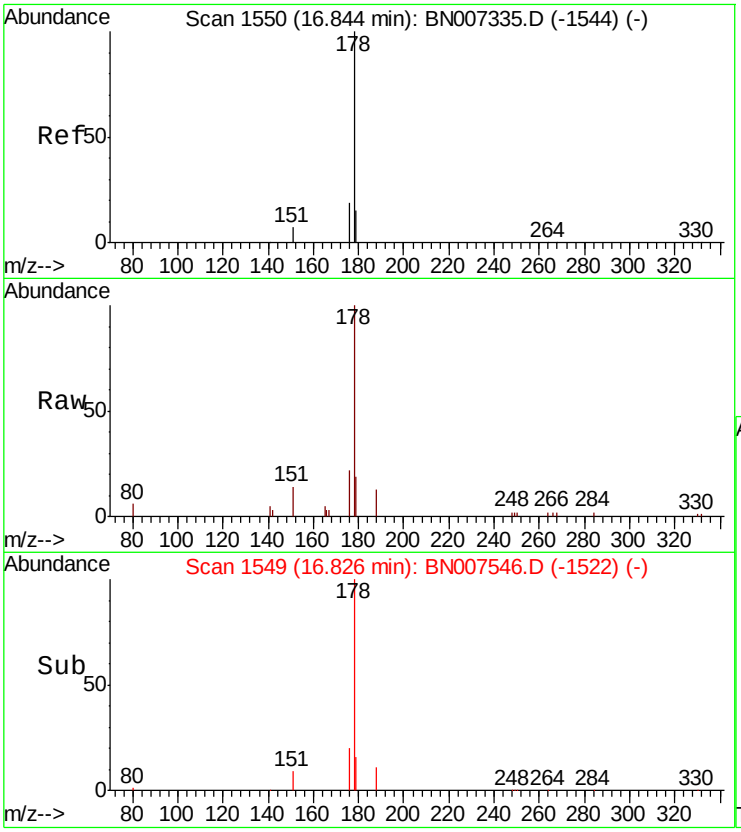


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:188 Resp: 26190

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	11.8	17.8



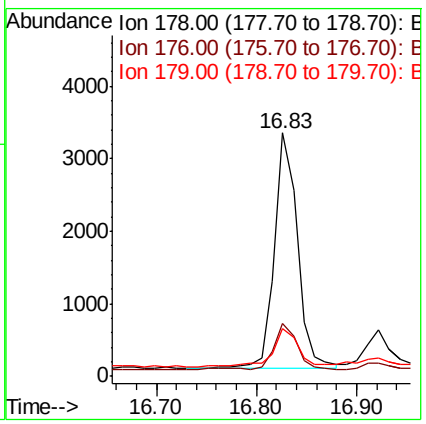


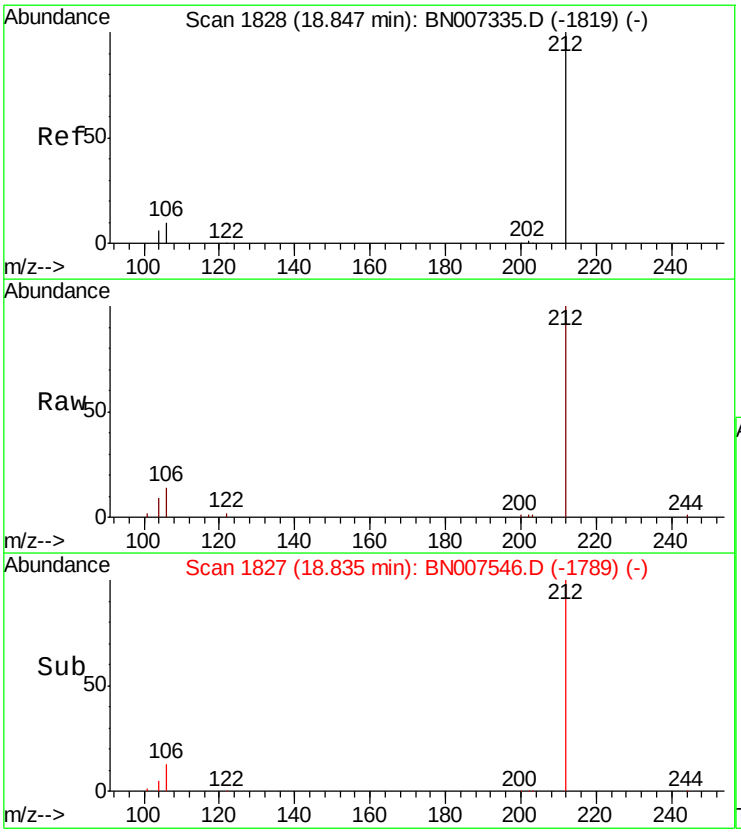
#23
Phenanthrene
Concen: 0.066 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:178 Resp: 5182

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	17.7	12.6	19.0

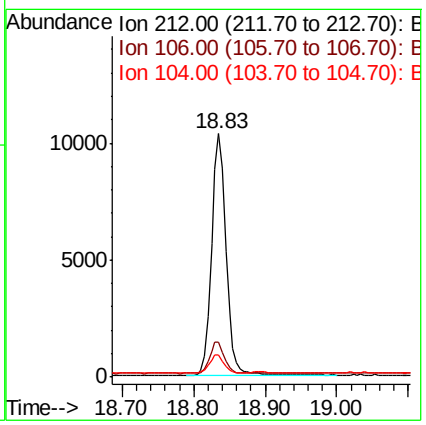


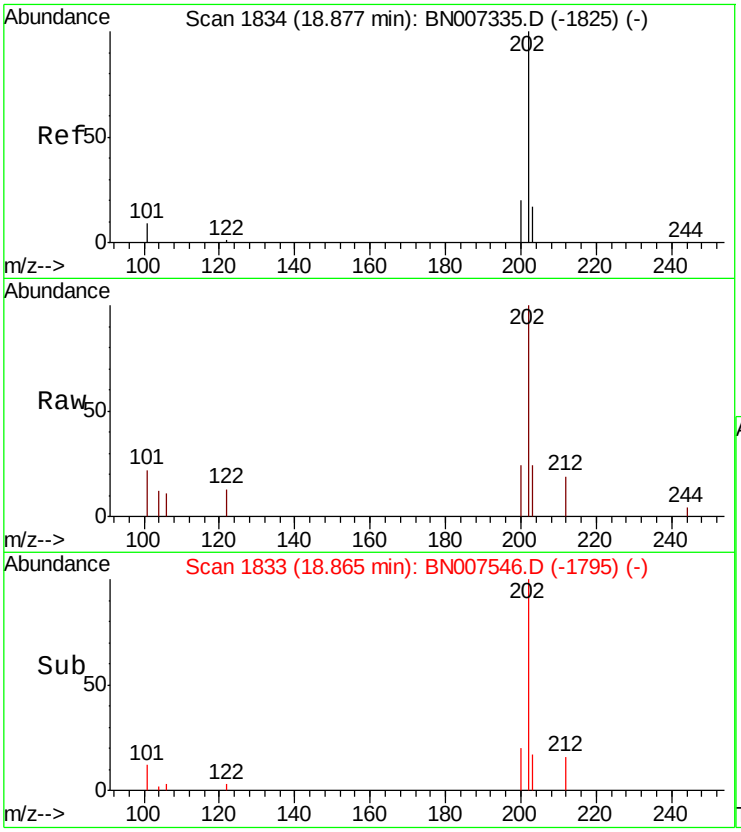


#25
Fluoranthene-d10
Concen: 0.171 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:212 Resp: 14454

Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.0	13.4
104	7.8	5.4	8.2



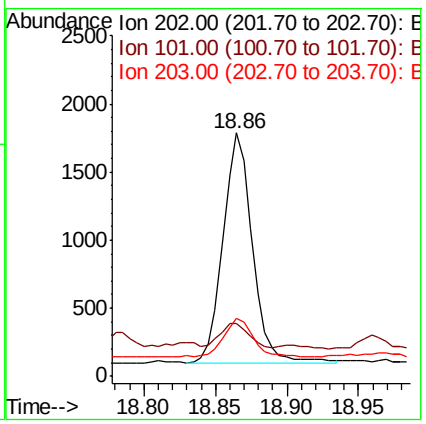


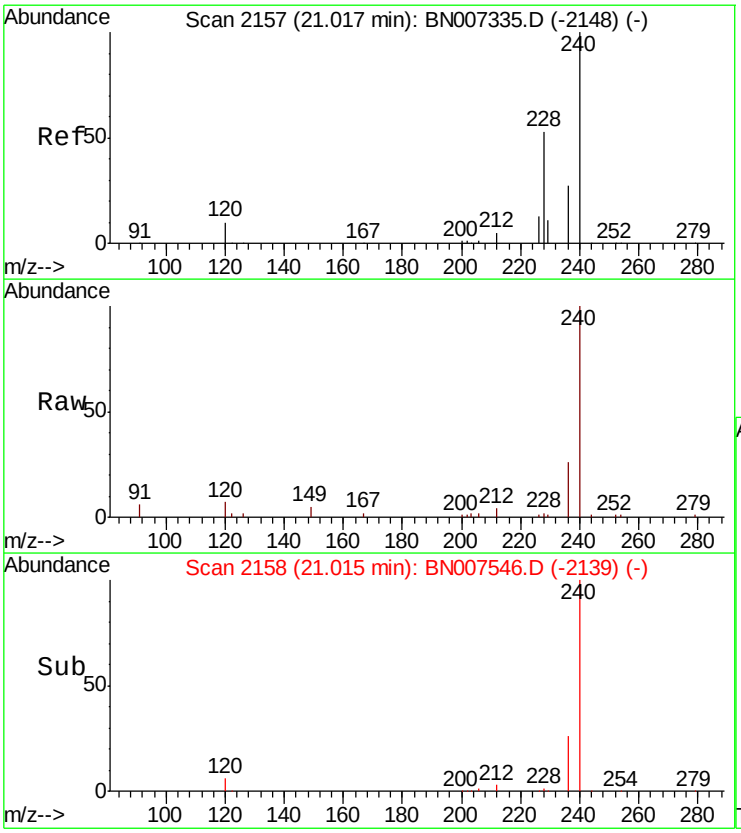
#26
Fluoranthene
Concen: 0.024 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:202 Resp: 2392

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
203	17.8	13.7	20.5

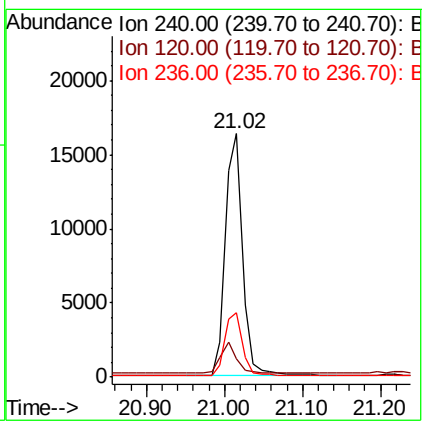


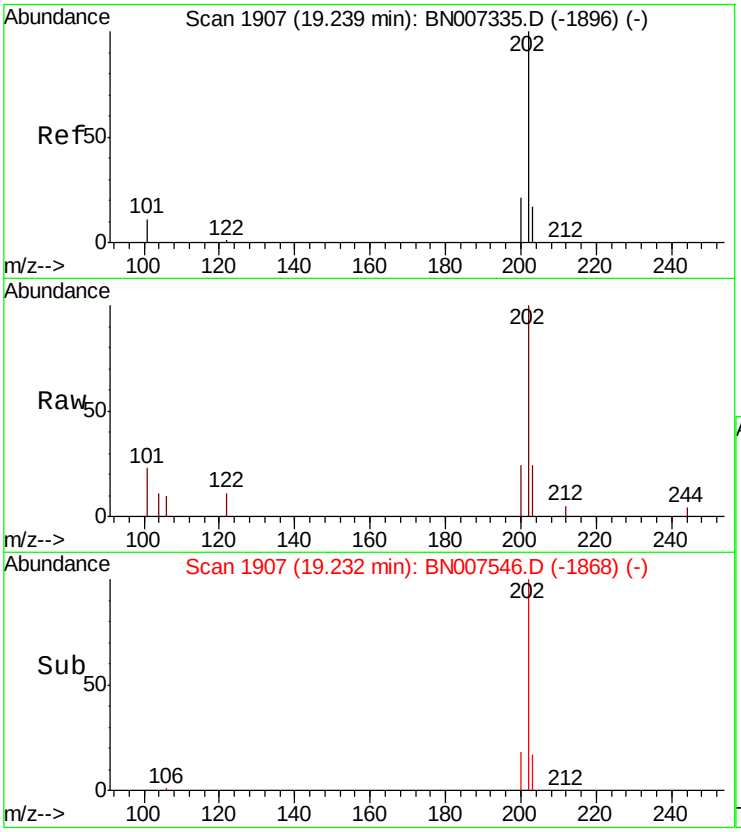


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:240 Resp: 25175

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.6	14.4#
236	26.3	22.2	33.2



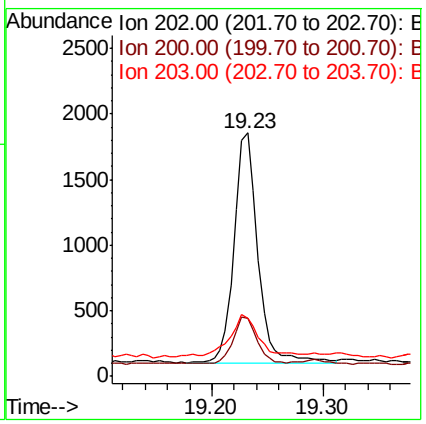


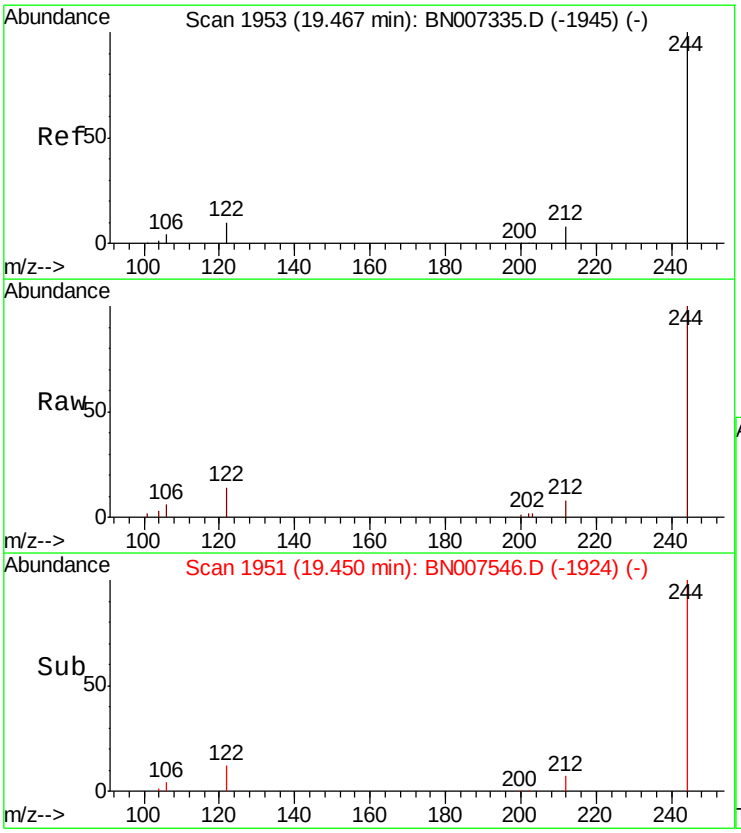
#28
Pyrene
Concen: 0.026 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:202 Resp: 2615

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	25.0
203	22.8	14.2	21.4#

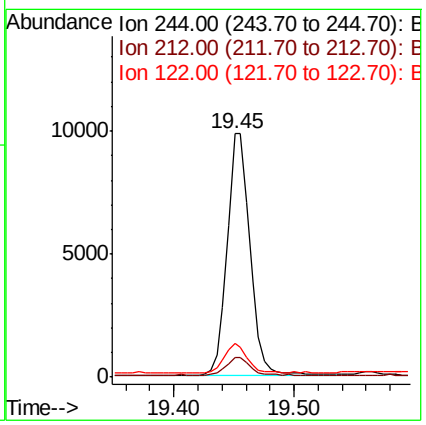


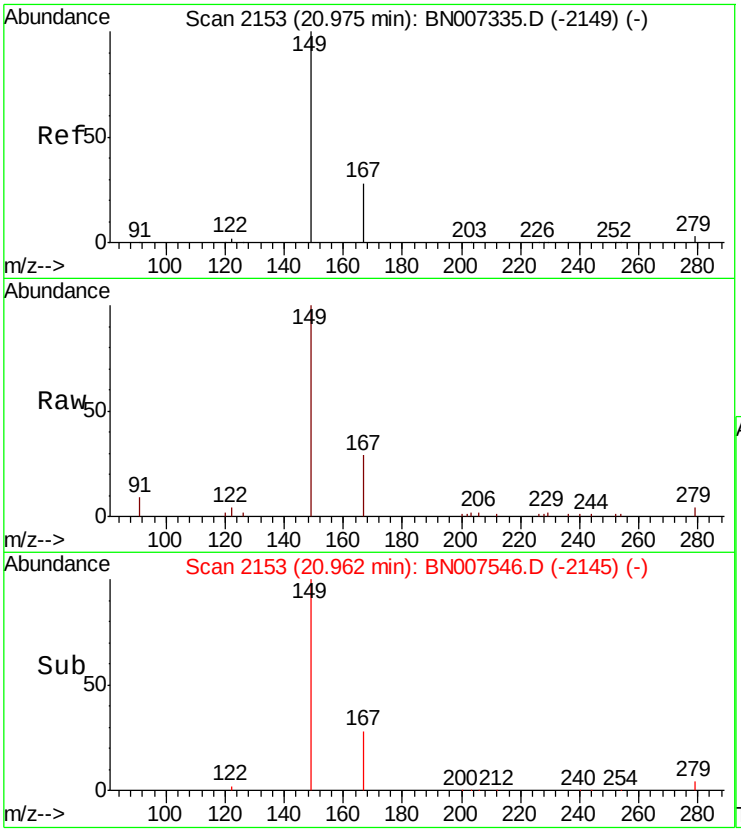


#29
Terphenyl-d14
Concen: 0.197 ng
RT: 19.45 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:244 Resp: 13010

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	13.7	9.6	14.4



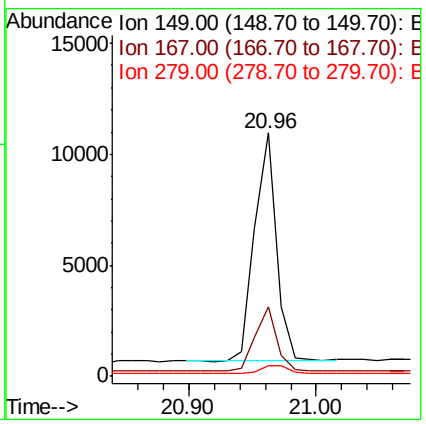


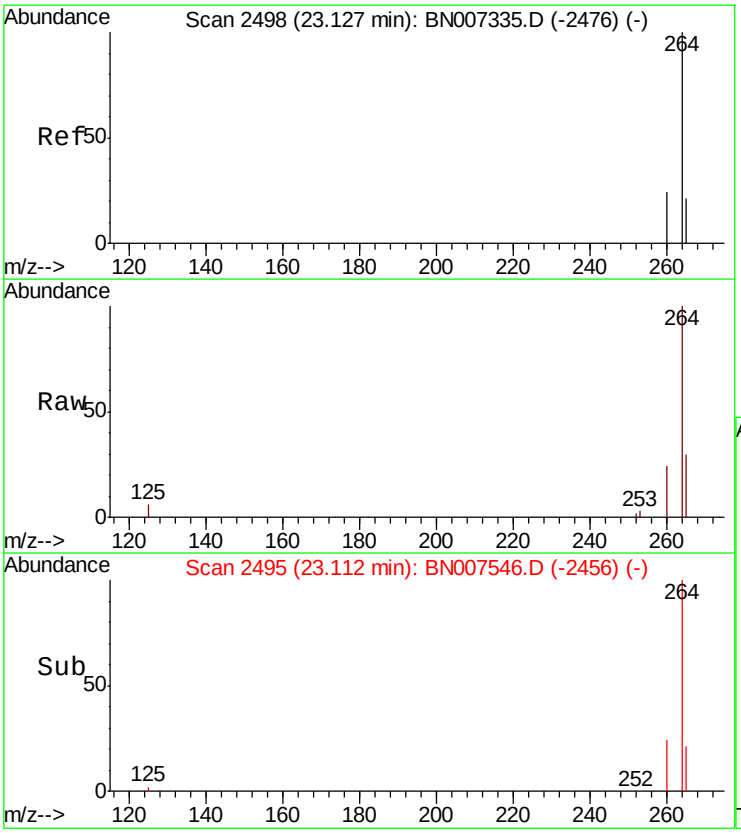
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.174 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Instrument :
BNA_N
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tgt Ion:149 Resp: 12347

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	4.4	3.5	5.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007546.D
Acq: 06 Sep 2019 17:42

Tgt Ion:264 Resp: 27763

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	30.5	29.9	44.9