Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007654.D
Acq On : 14 Sep 2019 08:34
Operator : HP/JU
Sample : K4858-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DUP02-20190910

Quant Time: Sep 16 01:38:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9065	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34713	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19006	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38675	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36350	0.40	ng	-0.01
34) Perylene-d12	23.49	264	37518	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3477	0.12	ng	0.00
5) Phenol-d6	6.89	99	2743	0.08	ng	0.00
8) Nitrobenzene-d5	8.85	82	8633	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	20940	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2148	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	29738	0.36	ng	-0.01
25) Fluoranthene-d10	19.11	212	46767	0.38	ng	-0.01
29) Terphenyl-d14	19.71	244	47834	0.50	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	14548	1.339	ng	# 84
3) n-Nitrosodimethylamine	3.03	42	165716	33.621	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	2260	0.052	ng	99

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

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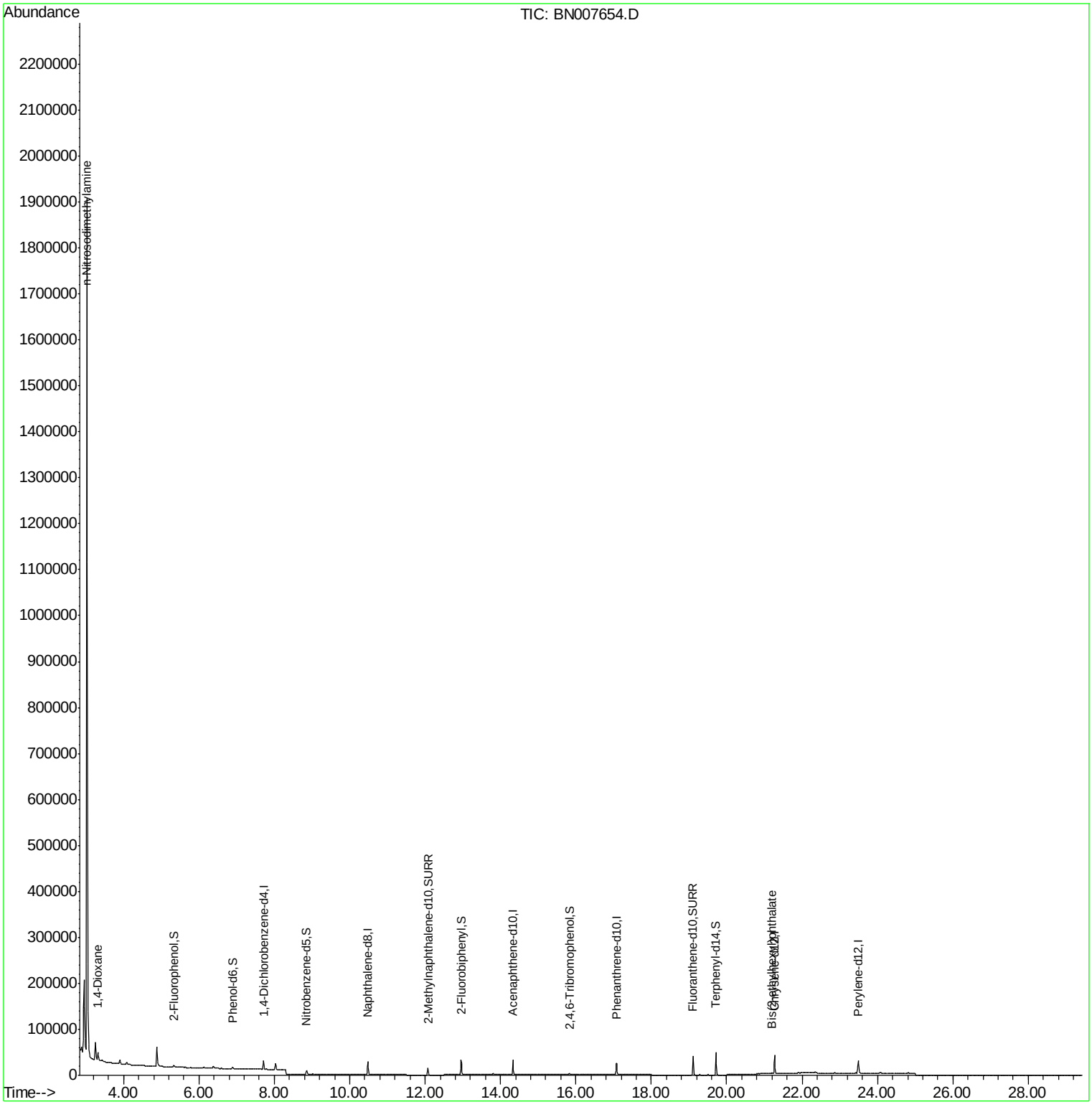
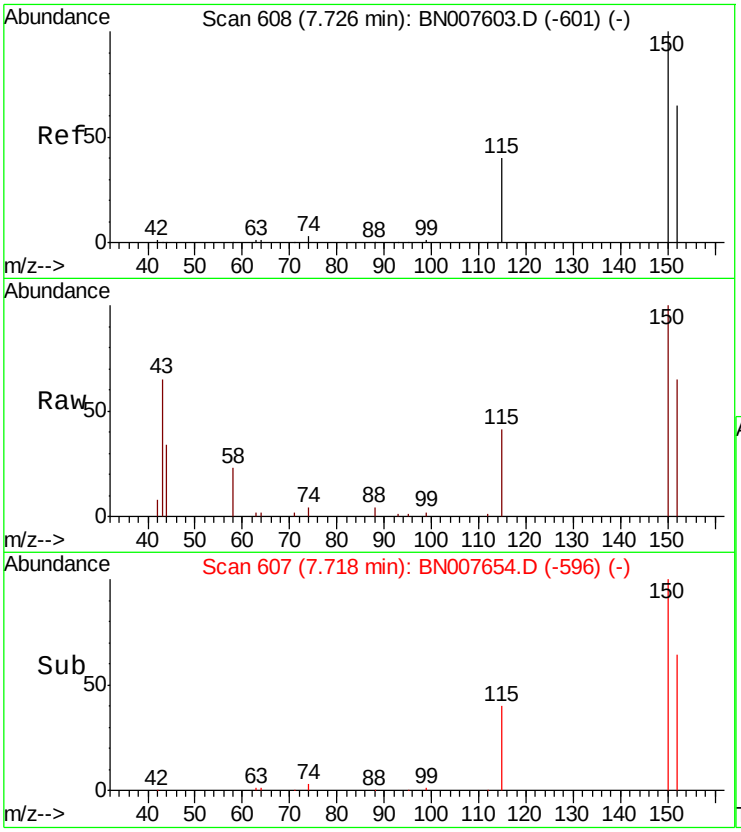


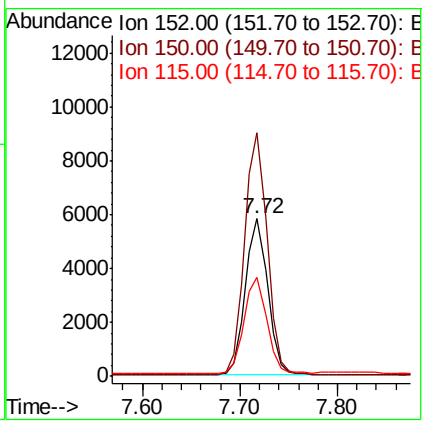


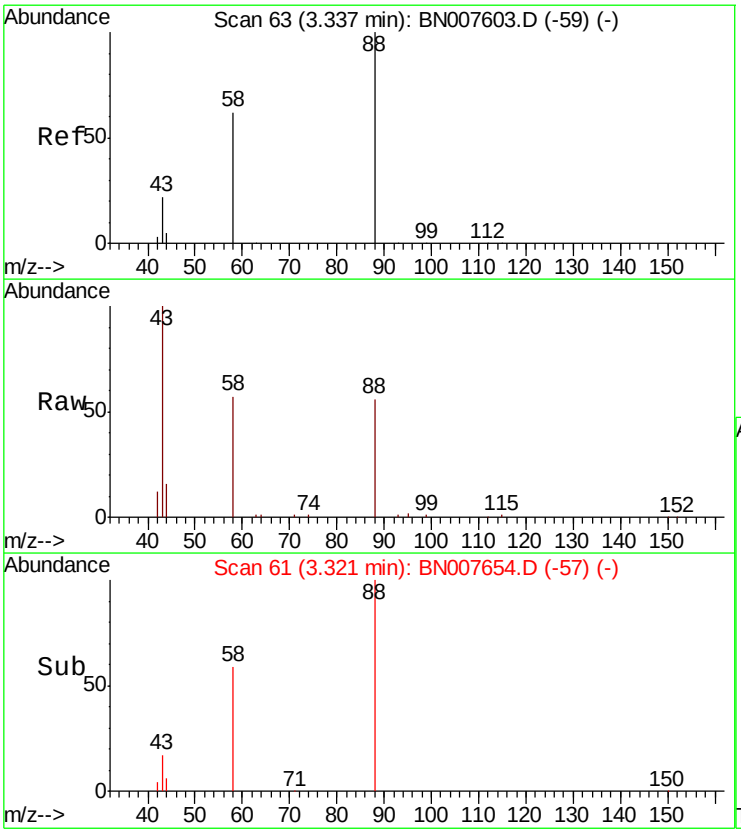
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion:152 Resp: 9065

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.4	183.6
115	62.9	50.4	75.6

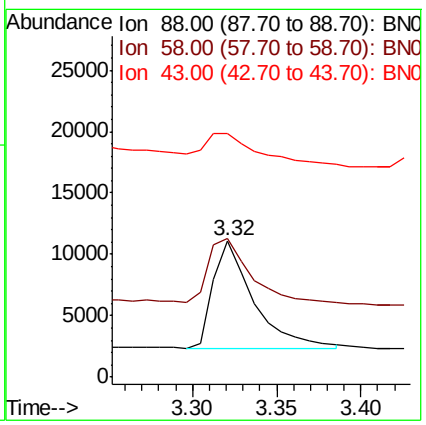


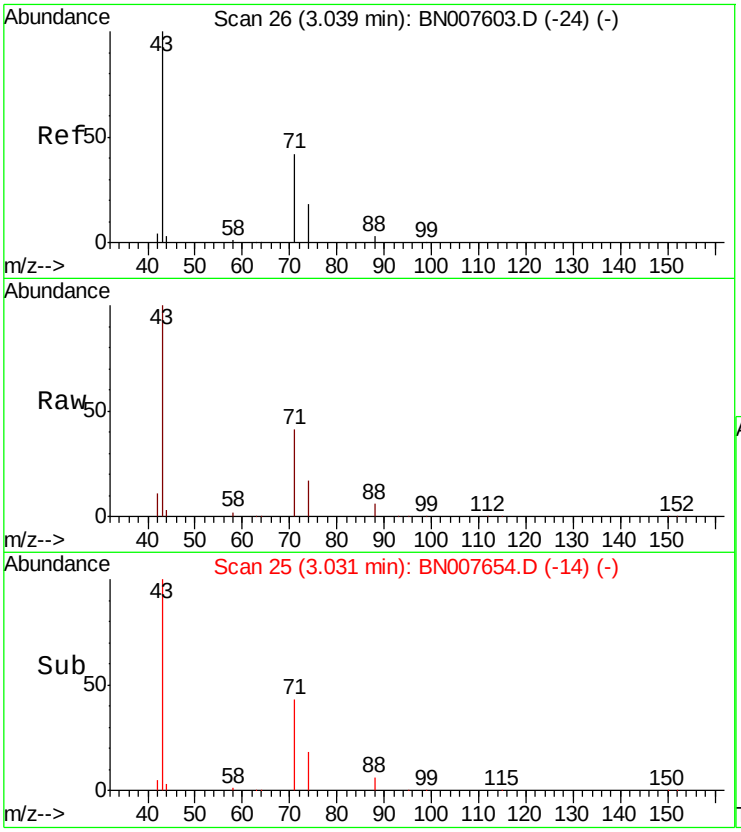


#2
1,4-Dioxane
Concen: 1.339 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion: 88 Resp: 14548

Ion	Ratio	Lower	Upper
88	100		
58	59.8	57.0	85.4
43	35.4	20.0	30.0#



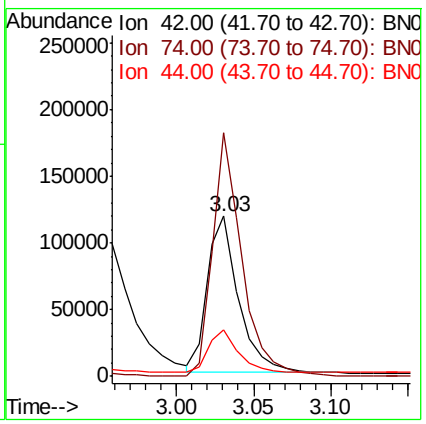


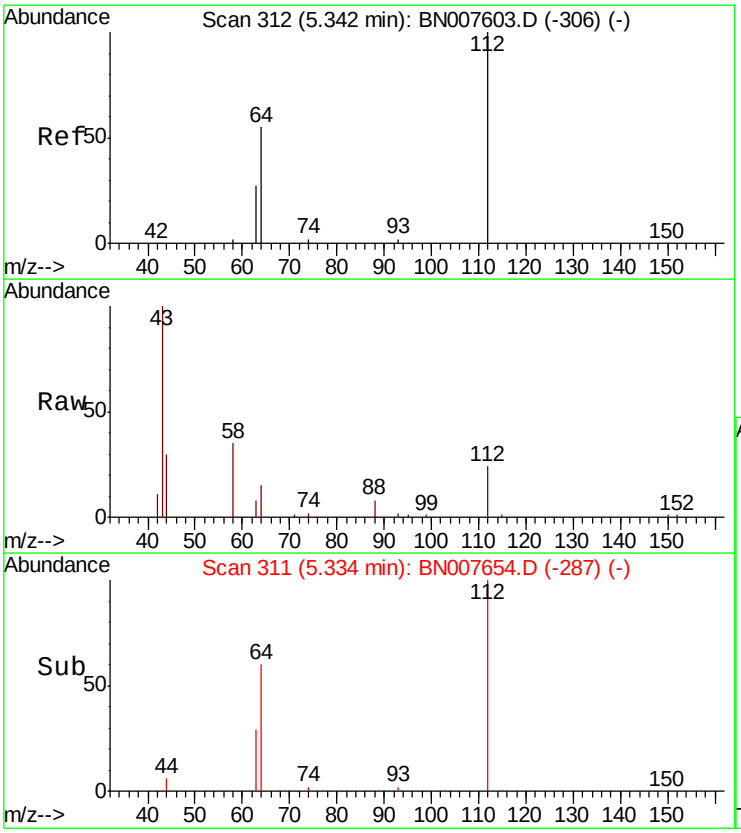
#3
n-Nitrosodimethylamine
Concen: 33.621 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion: 42 Resp: 165716

Ion	Ratio	Lower	Upper
42	100		
74	144.4	9.8	14.8#
44	26.3	0.0	0.0#

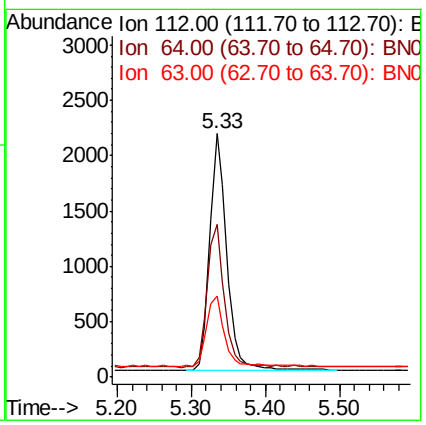


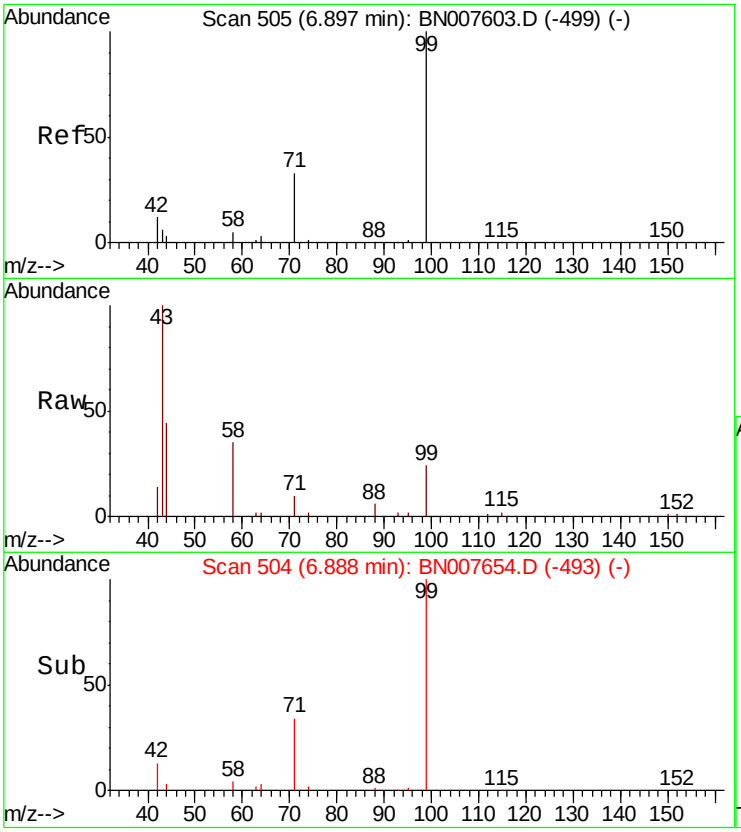


#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:112 Resp: 3477

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.5	72.7
63	28.9	24.4	36.6



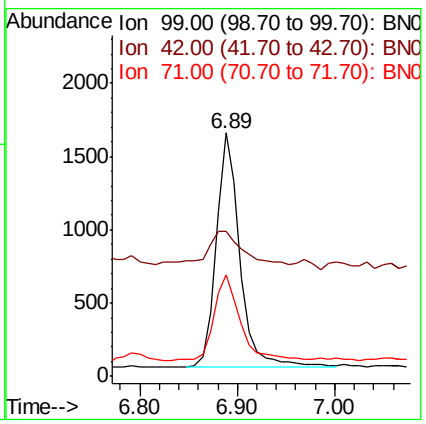


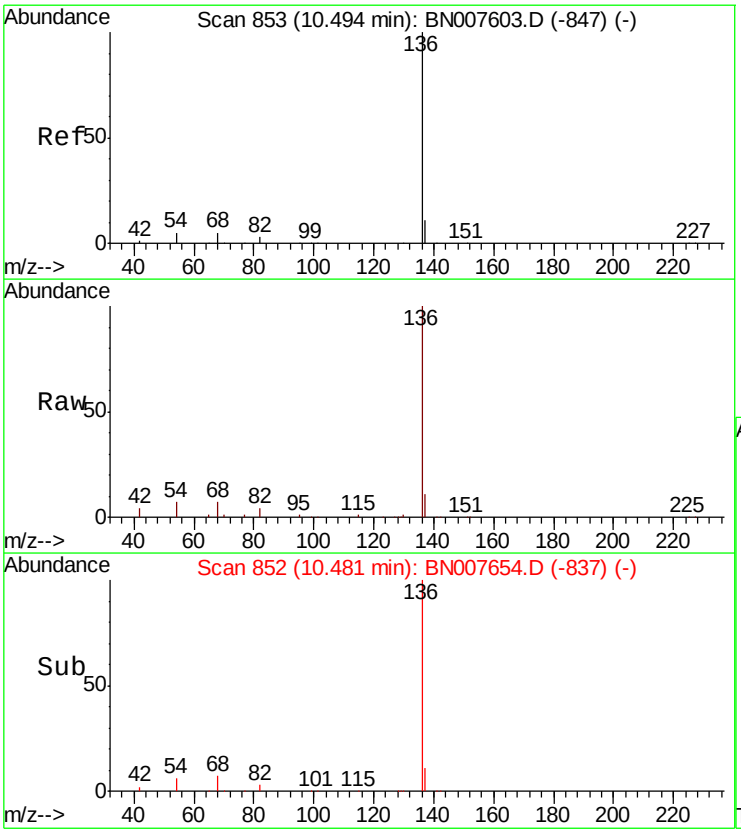
#5
Phenol-d6
Concen: 0.084 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion: 99 Resp: 2743

Ion	Ratio	Lower	Upper
99	100		
42	20.9	11.8	17.6#
71	40.2	28.0	42.0

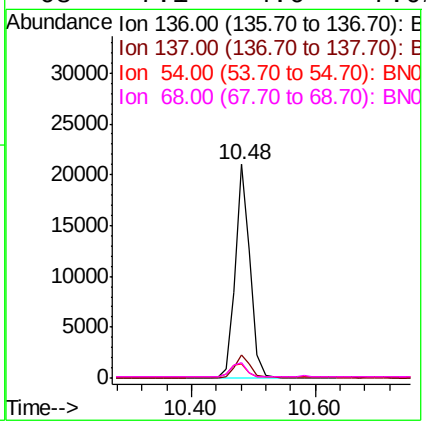


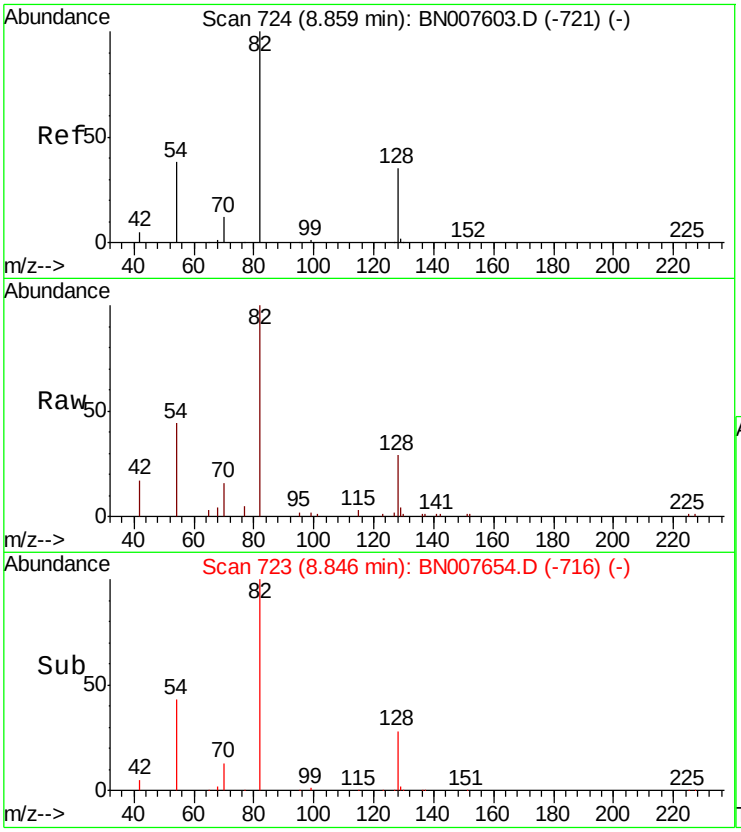


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:136 Resp: 34713

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	4.2	6.4#
68	7.1	4.6	7.0#



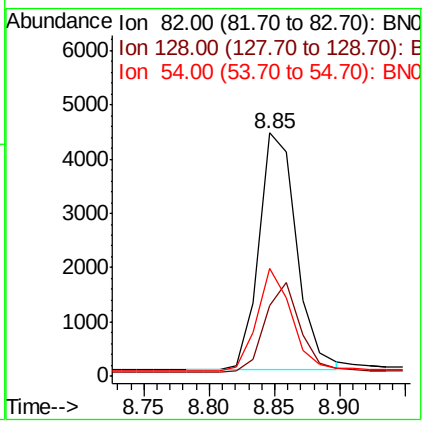


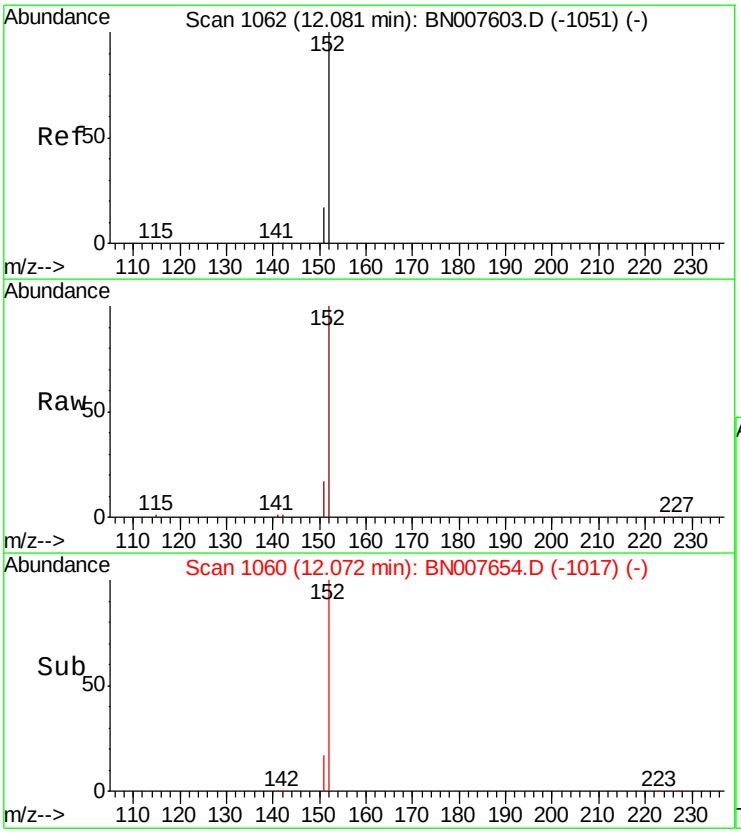
#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion: 82 Resp: 8633

Ion	Ratio	Lower	Upper
82	100		
128	29.3	27.9	41.9
54	44.1	30.9	46.3

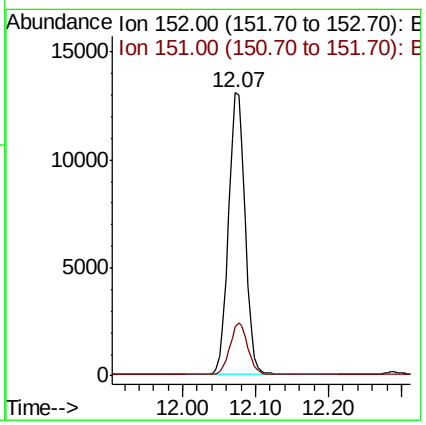


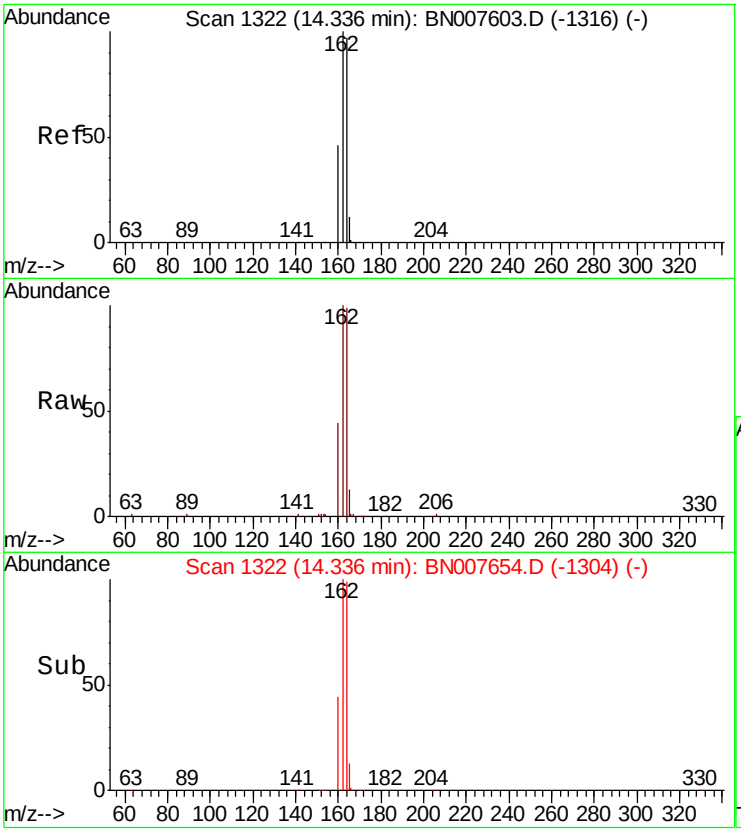


#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:152 Resp: 20940

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9



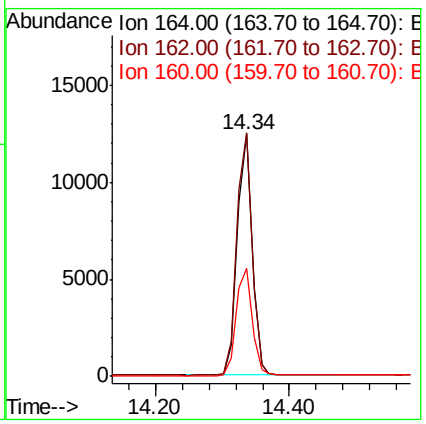


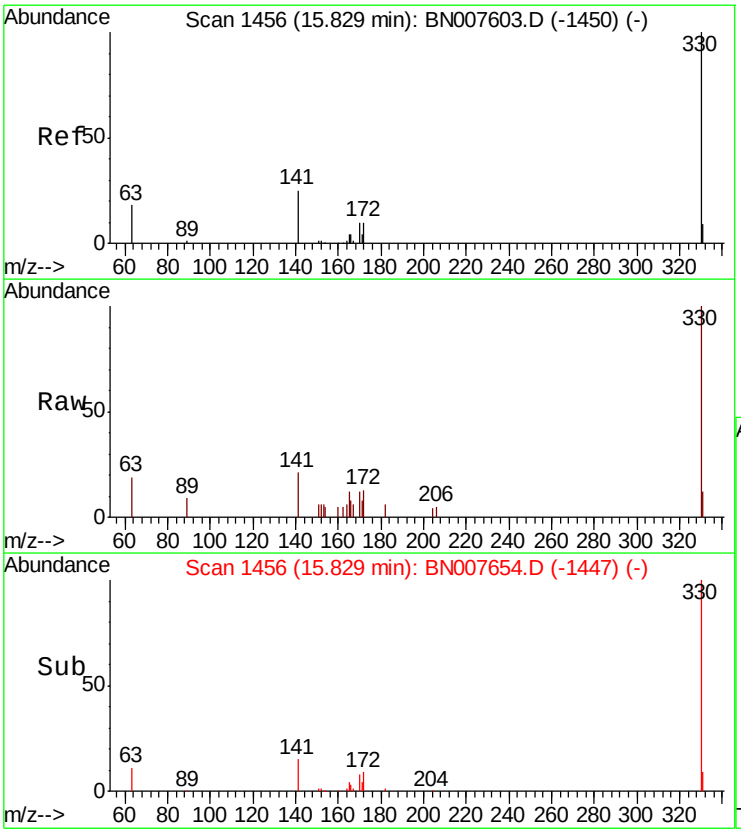
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion:164 Resp: 19006

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	44.5	38.0	57.0

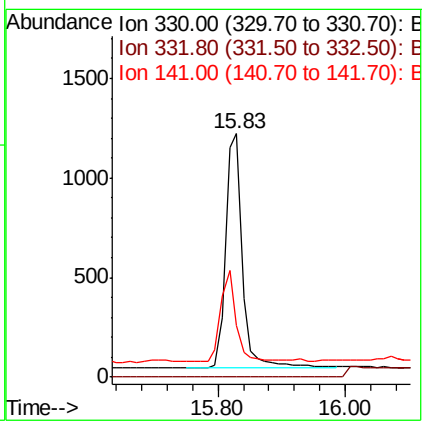


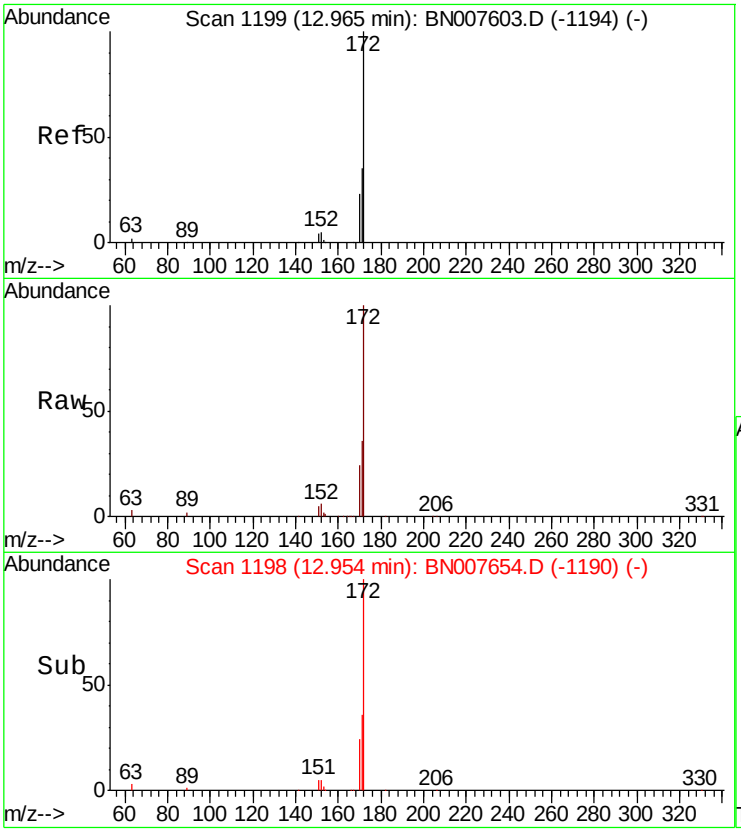


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:330 Resp: 2148

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.1	30.1	45.1



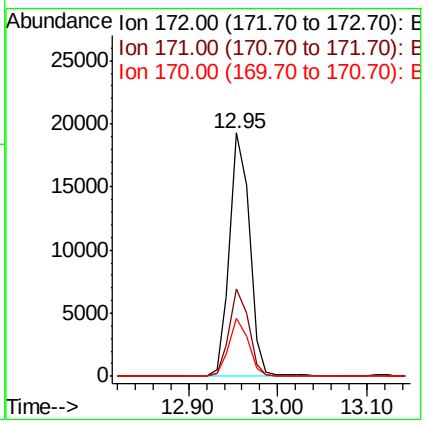


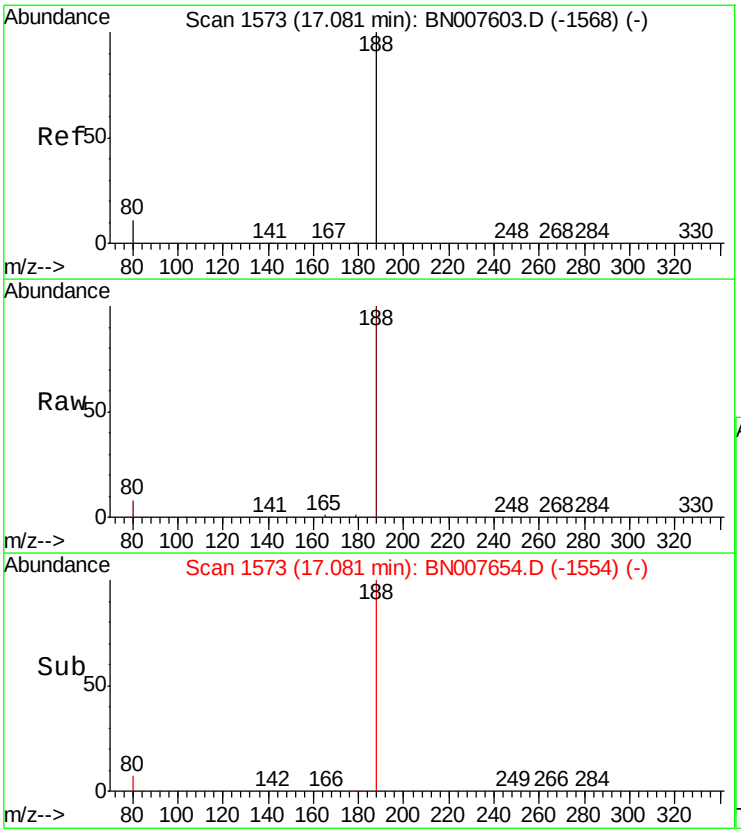
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion:172 Resp: 29738

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.7	18.5	27.7

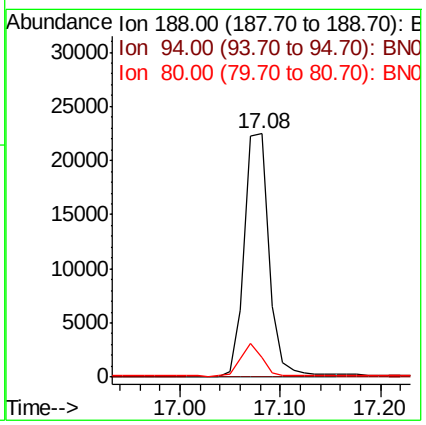


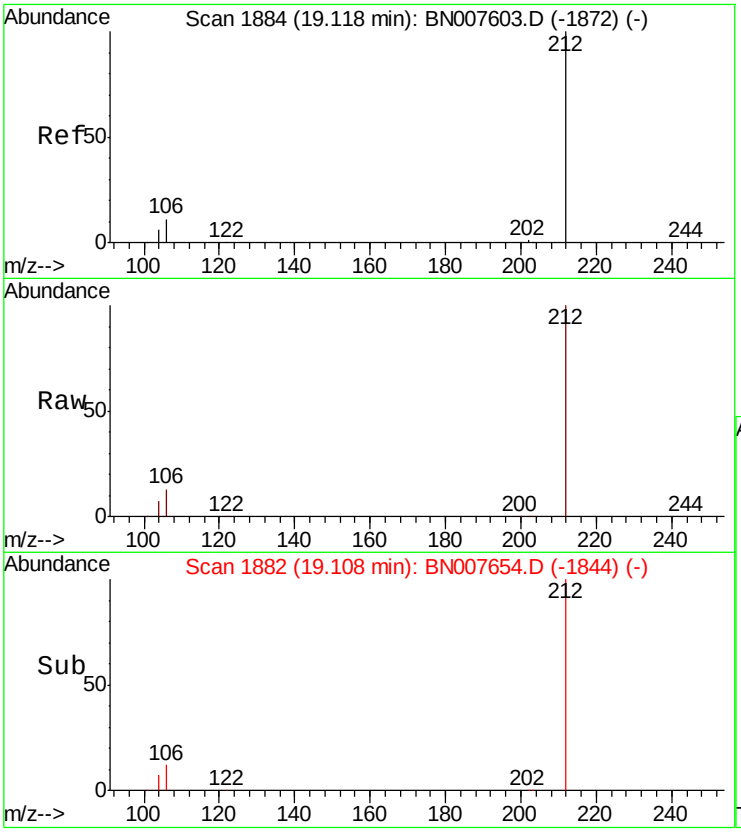


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:188 Resp: 38675

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	8.8	13.2#



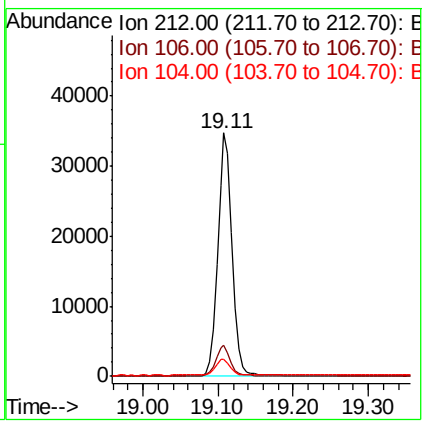


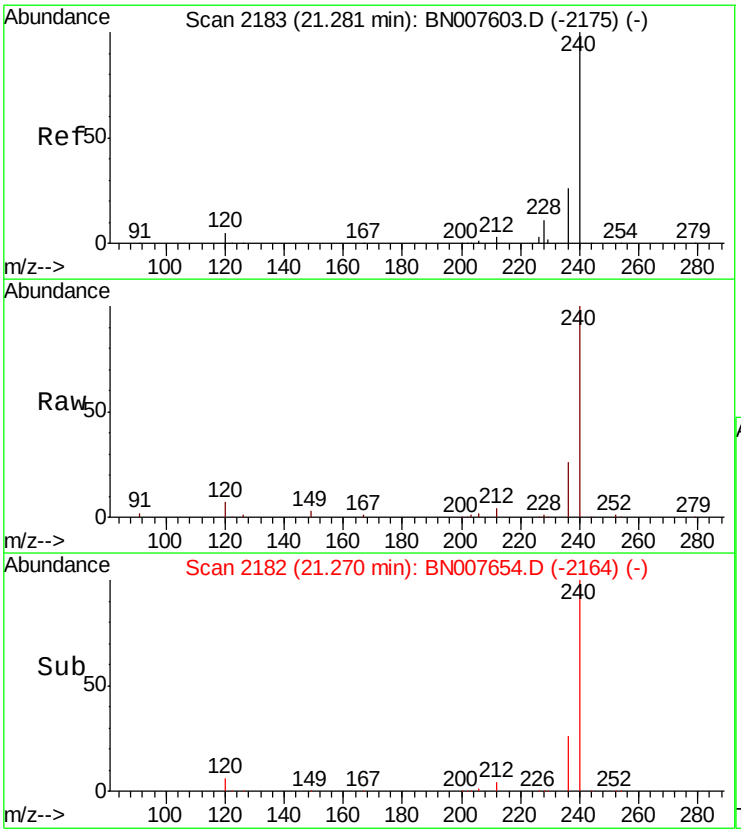
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion:212 Resp: 46767

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.6	14.4
104	6.9	5.4	8.0

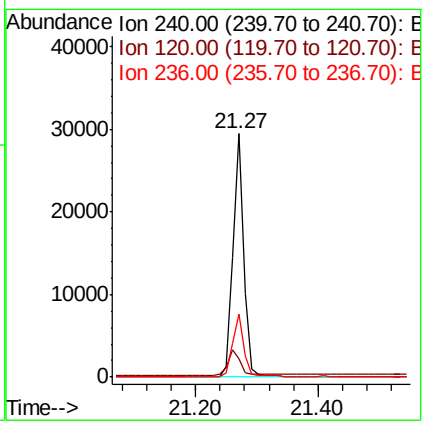


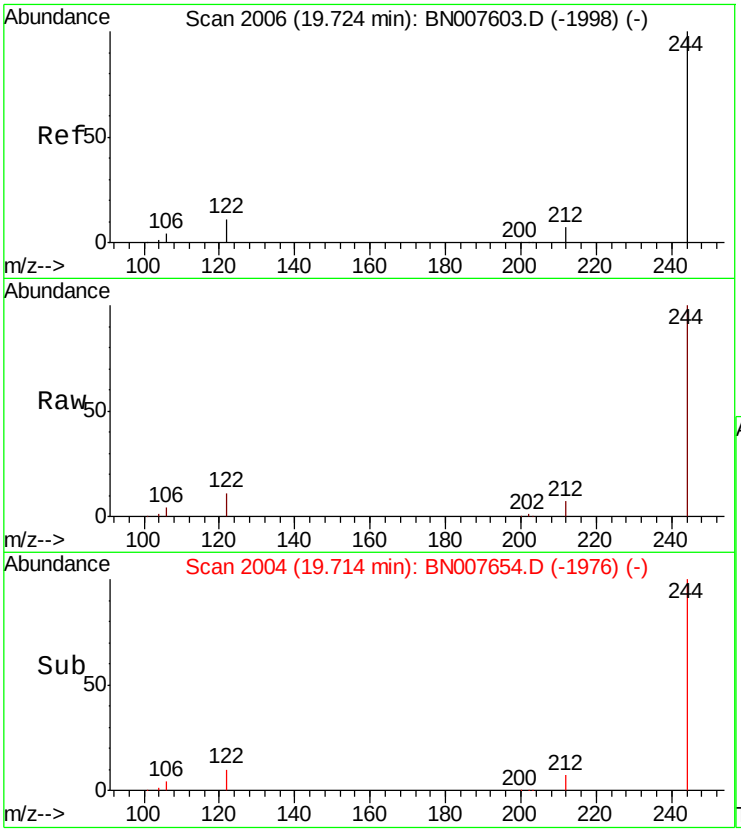


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:240 Resp: 36350

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.3	6.5#
236	26.0	20.8	31.2



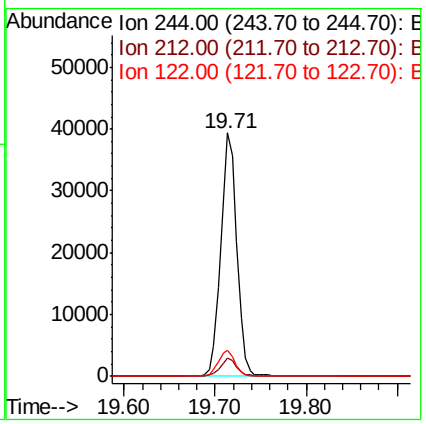


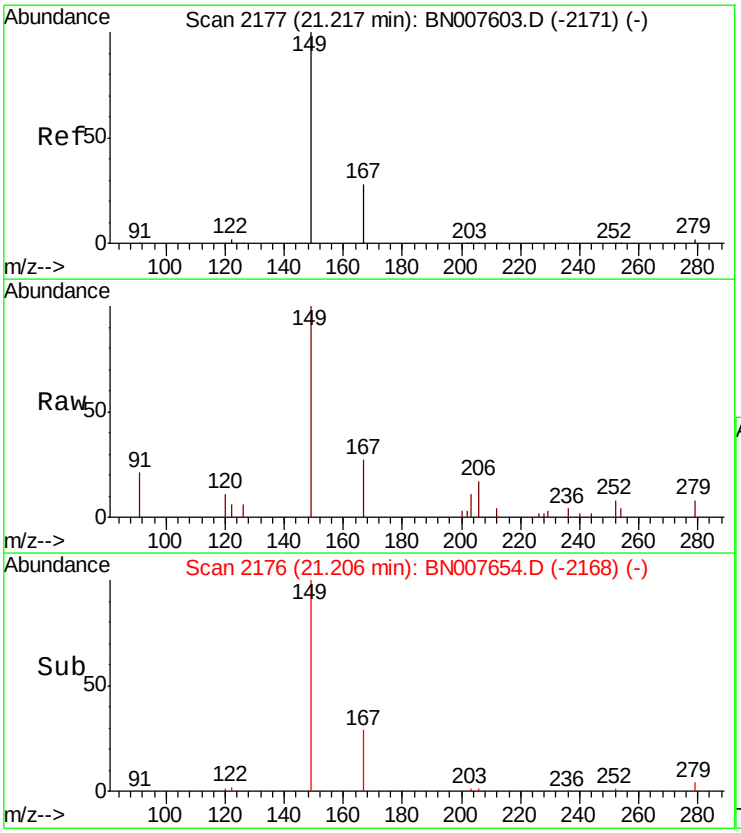
#29
Terphenyl-d14
Concen: 0.499 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion:244 Resp: 47834

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.5	8.6	12.8

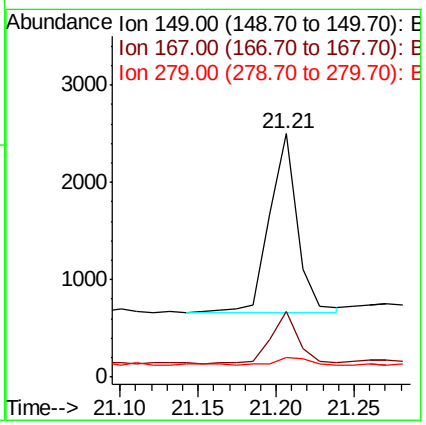


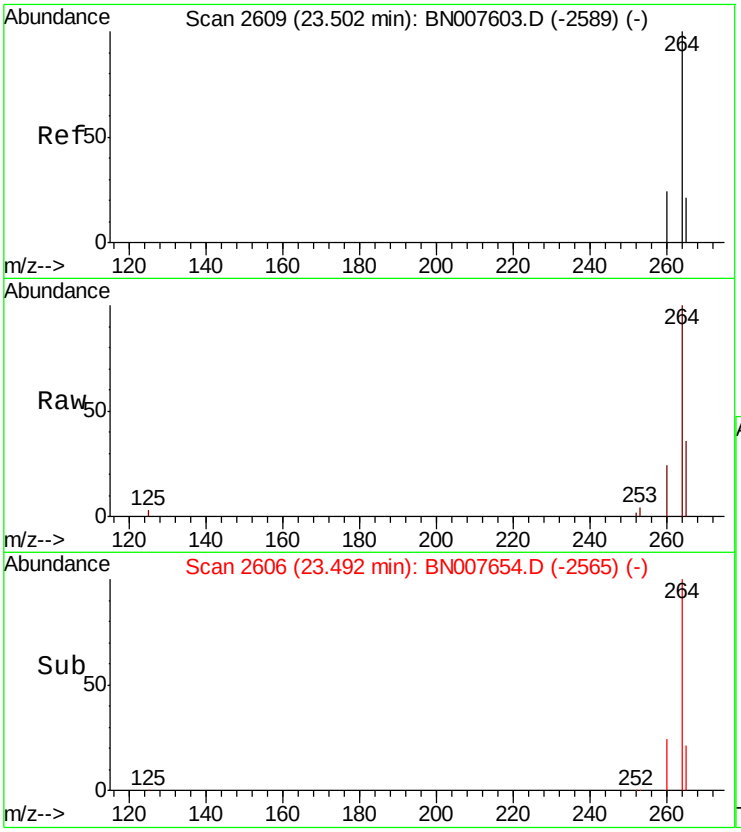


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Tgt Ion:149 Resp: 2260

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	34.0
279	4.4	3.8	5.6





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BN007654.D
Acq: 14 Sep 2019 08:34

Instrument :
BNA_N
ClientSampleId :
DUP02-20190910

Tgt Ion:264 Resp: 37518

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	35.8	24.6	37.0