Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092019\

Quantitation Report (Not Reviewed)

Data File : BN007795.D
Acq On : 21 Sep 2019 10:50
Operator : HP/JU
Sample : K4975-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE105D2-20190918

Quant Time: Sep 23 01:57:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6496	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24459	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14162	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	31385	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	35261	0.40	ng	-0.01
34) Perylene-d12	23.47	264	38176	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2075	0.09	ng	0.00
5) Phenol-d6	6.86	99	1496	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5639	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13264	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1391	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	19033	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	35497	0.34	ng	-0.01
29) Terphenyl-d14	19.70	244	30872	0.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	20484	2.829	ng	# 91
3) n-Nitrosodimethylamine	3.00	42	215498	64.982	ng	# 67
6) bis(2-Chloroethyl)ether	7.14	93	1140	0.062	ng	95
32) Bis(2-ethylhexyl)phthalate	21.19	149	2857	0.043	ng	95

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

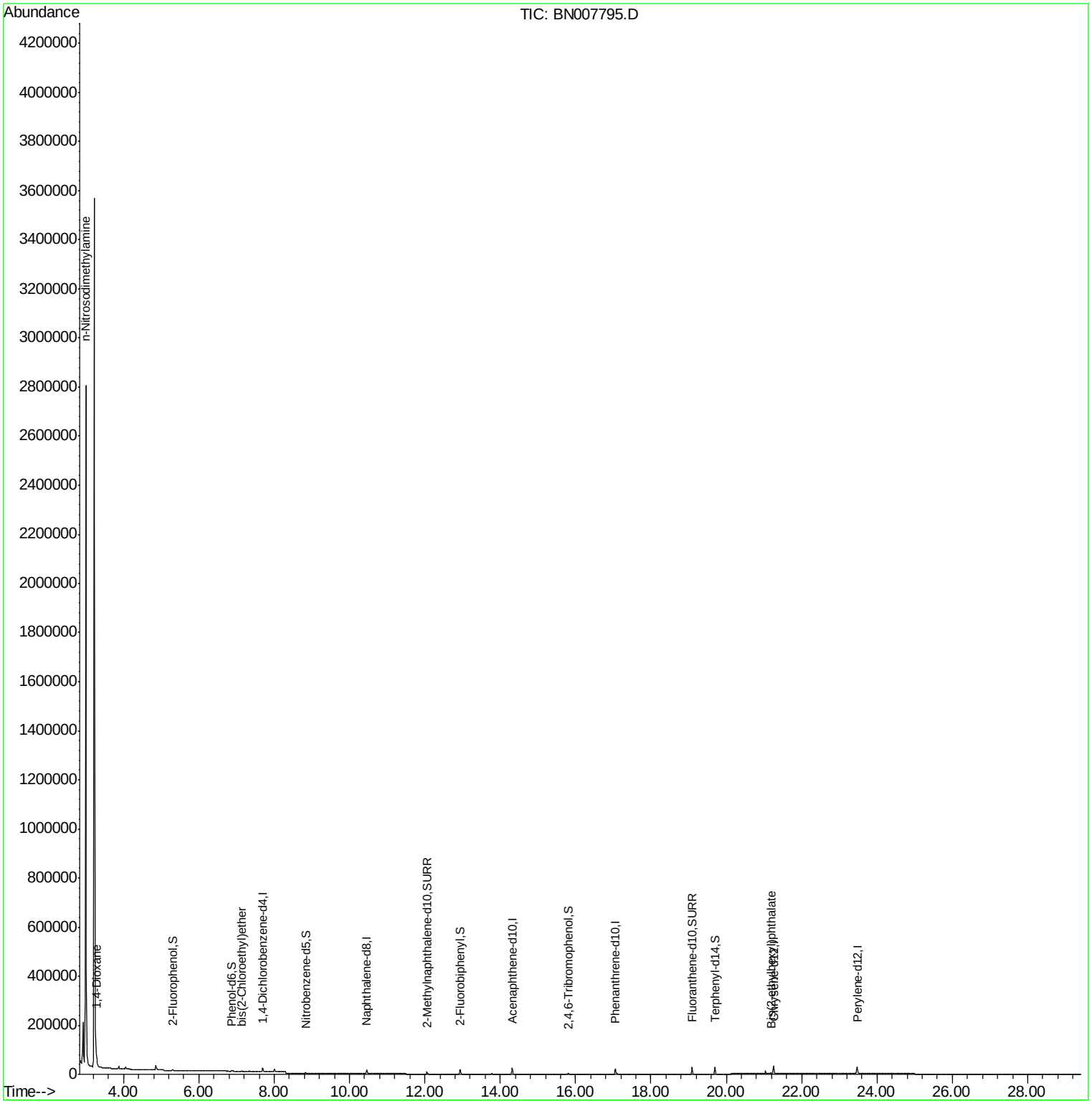
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092019\

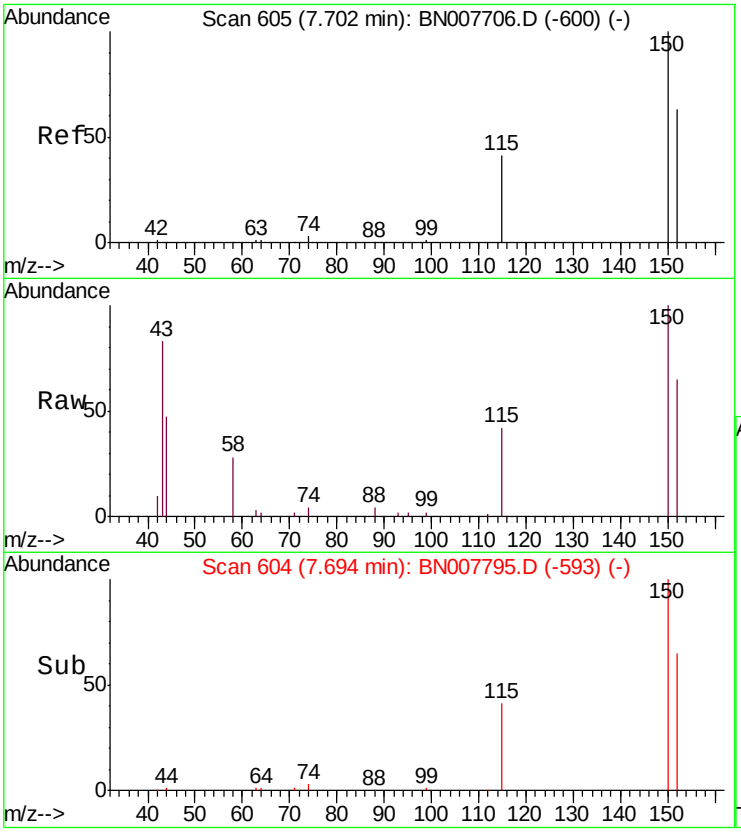
Quantitation Report (Not Reviewed)

Data File : BN007795.D
Acq On : 21 Sep 2019 10:50
Operator : HP/JU
Sample : K4975-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Quant Time: Sep 23 01:57:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



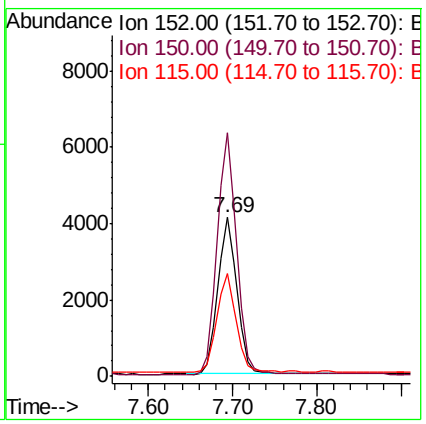


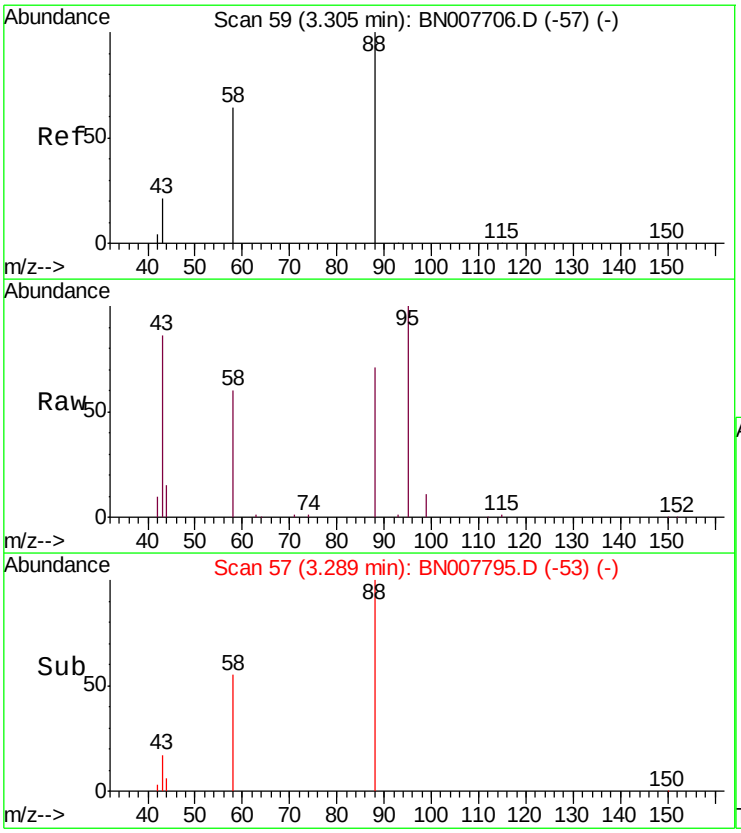
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:152 Resp: 6496

Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	64.5	53.3	79.9

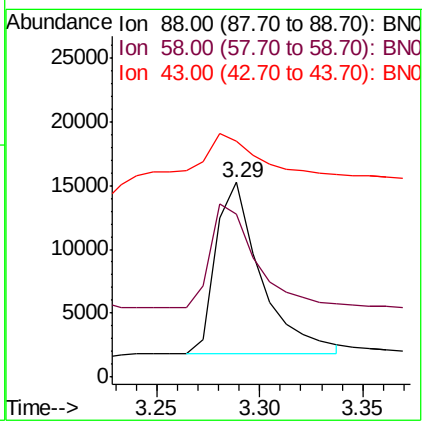


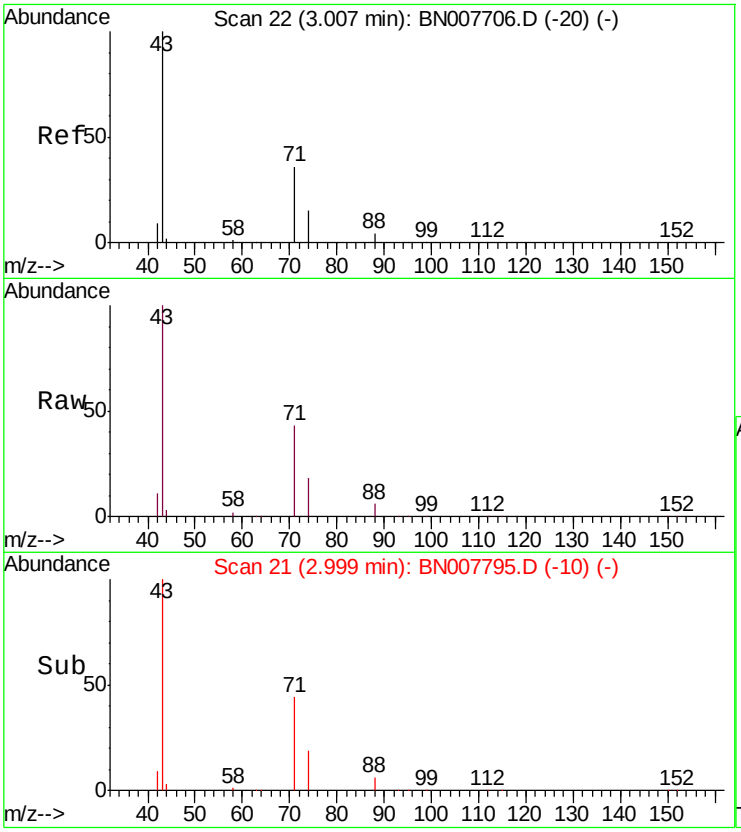


#2
1,4-Dioxane
Concen: 2.829 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion: 88 Resp: 20484

Ion	Ratio	Lower	Upper
88	100		
58	61.5	44.6	66.8
43	22.5	14.4	21.6#



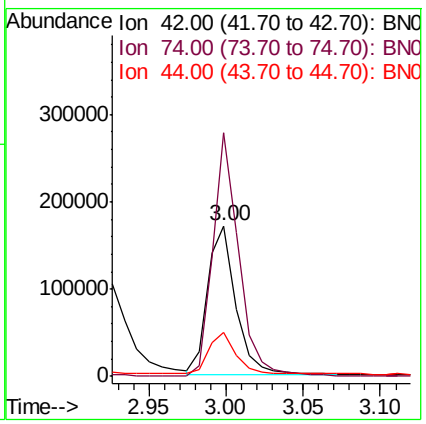


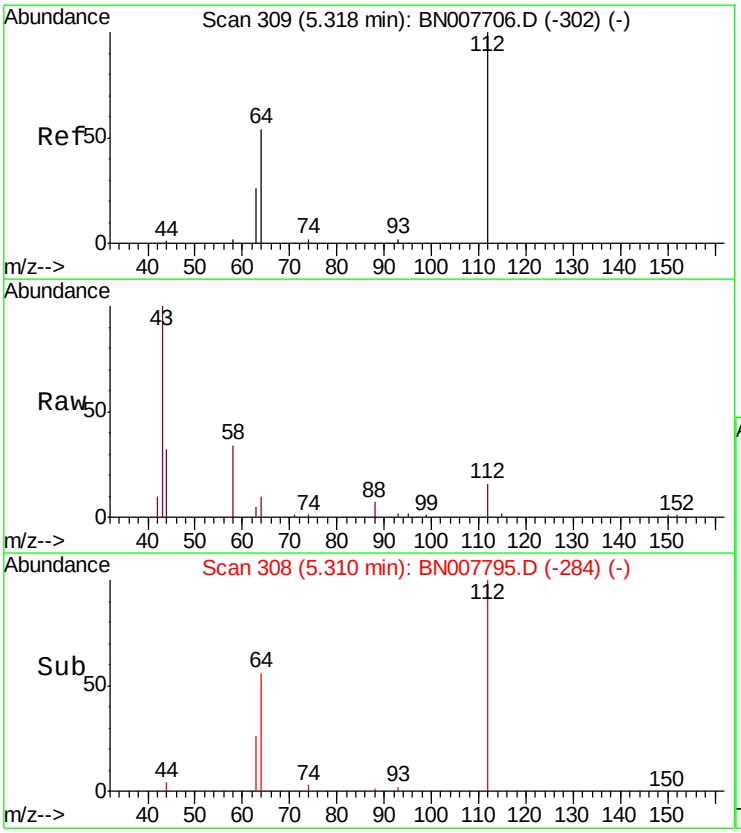
#3
n-Nitrosodimethylamine
Concen: 64.982 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion: 42 Resp: 215498

Ion	Ratio	Lower	Upper
42	100		
74	150.9	87.9	131.9#
44	26.8	29.4	44.0#

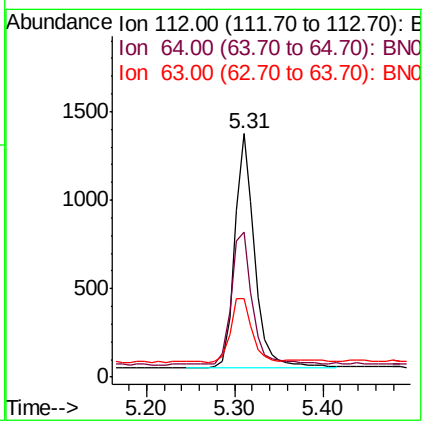


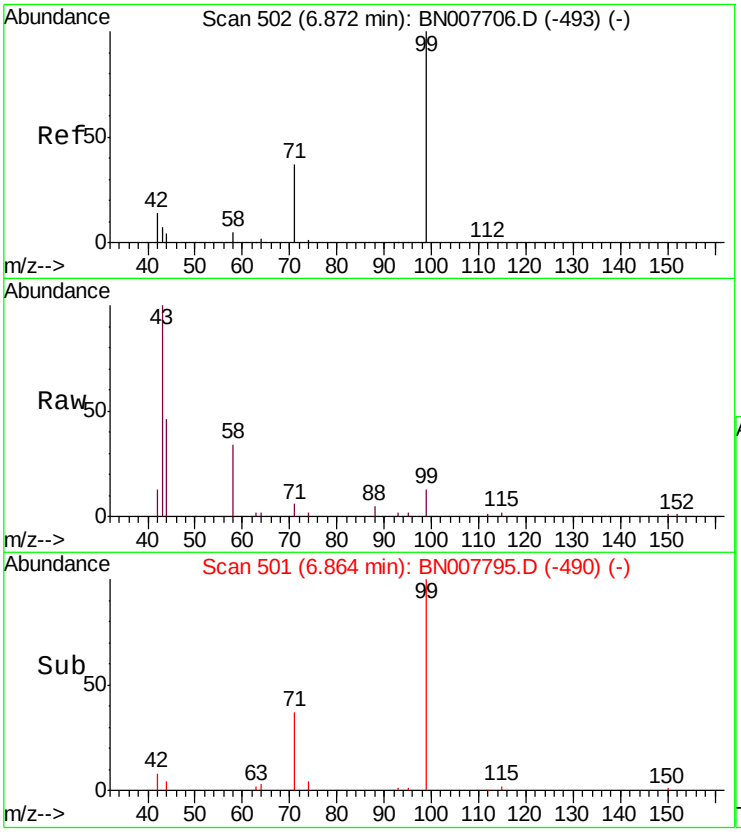


#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion:112 Resp: 2075

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.6	70.0
63	29.1	23.1	34.7



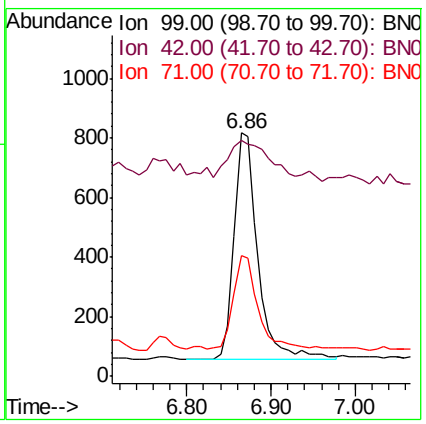


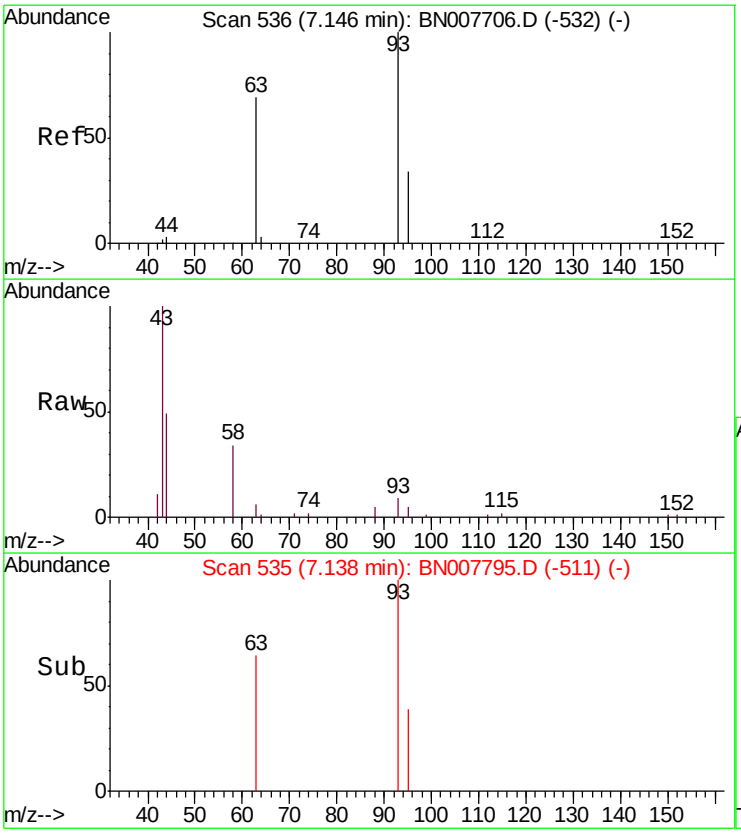
#5
Phenol-d6
Concen: 0.048 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion: 99 Resp: 1496

Ion	Ratio	Lower	Upper
99	100		
42	27.7	12.8	19.2#
71	41.4	27.6	41.4

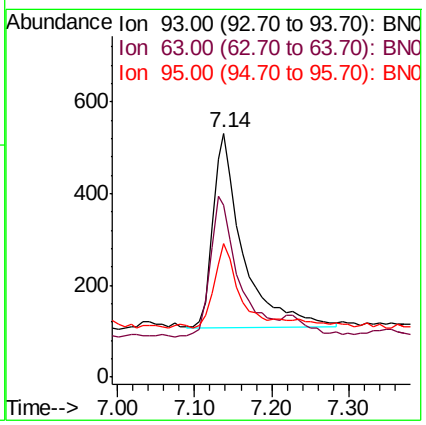


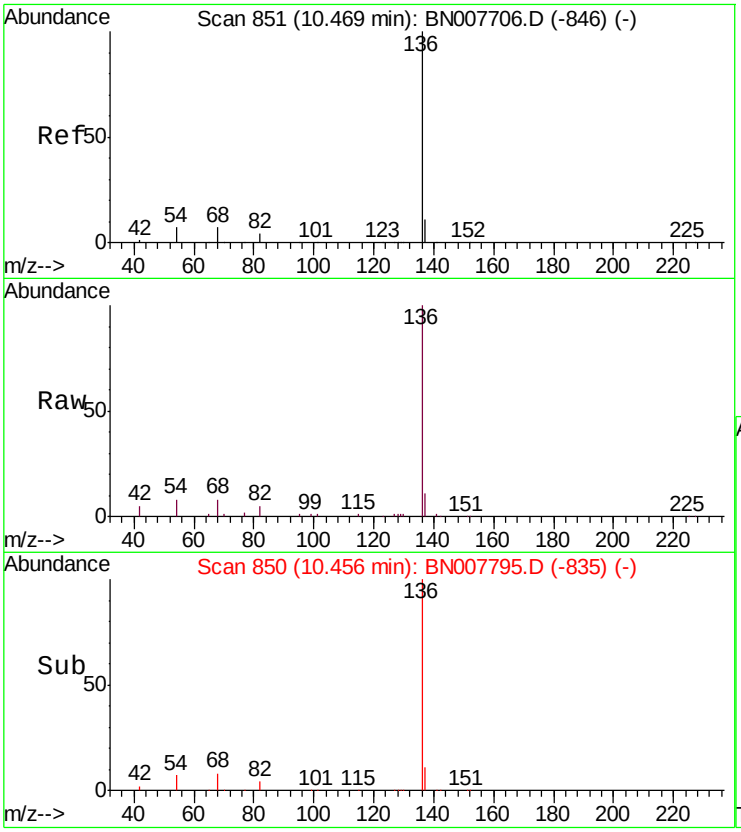


#6
bis(2-Chloroethyl)ether
Concen: 0.062 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion: 93 Resp: 1140

Ion	Ratio	Lower	Upper
93	100		
63	69.6	59.3	88.9
95	37.0	31.4	47.0



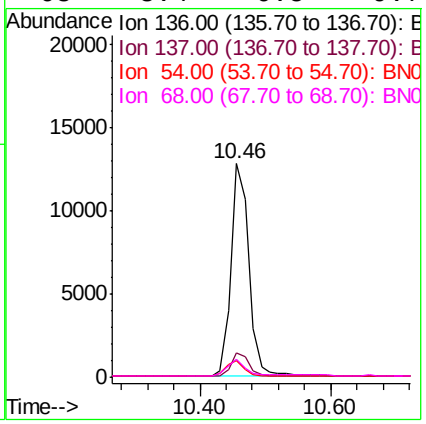


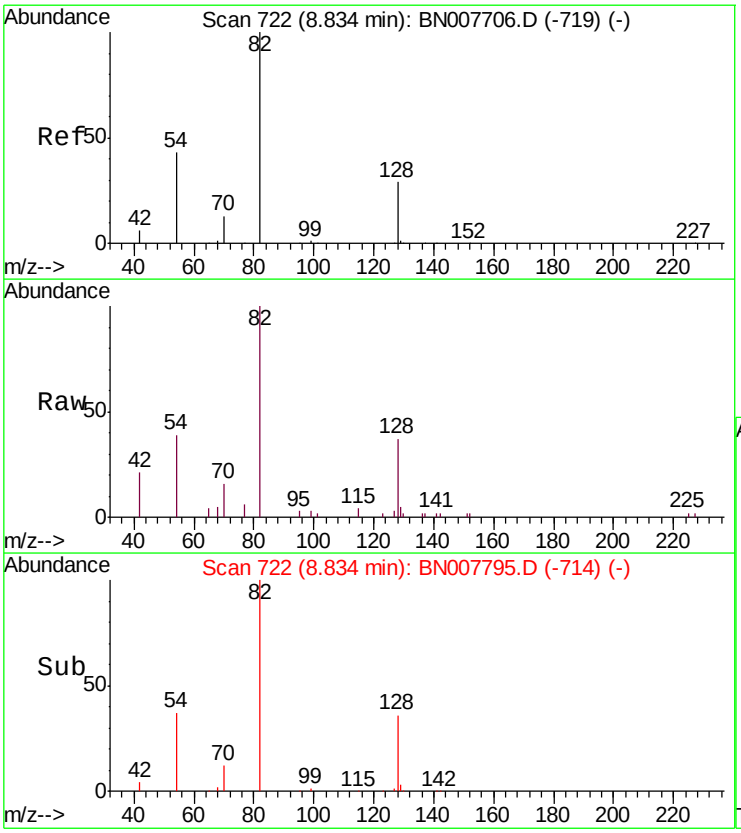
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:136 Resp: 24459

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	5.8	8.8
68	8.4	6.5	9.7

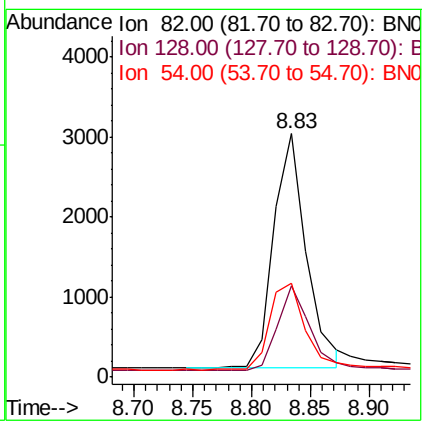


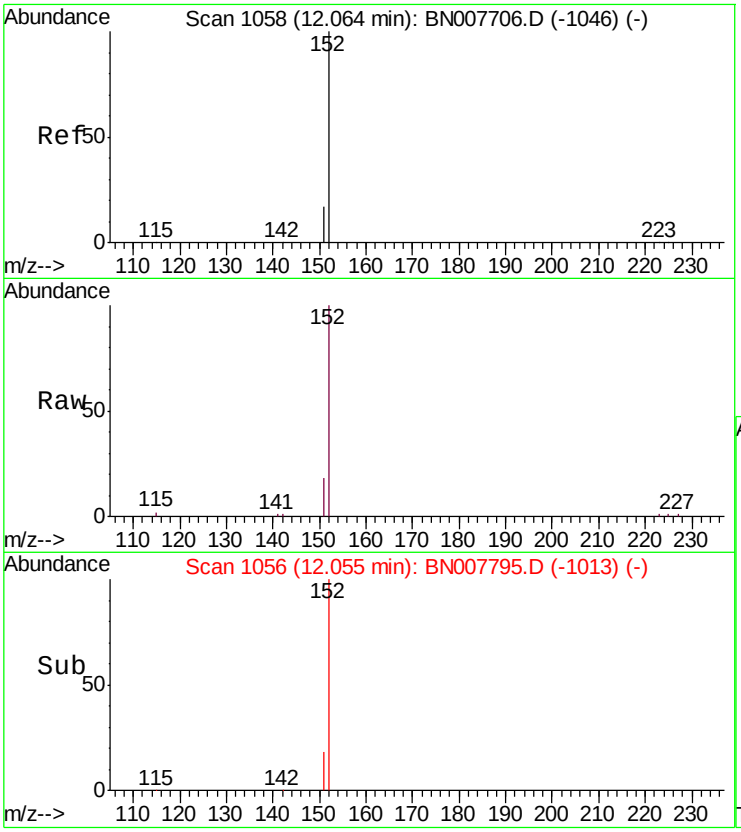


#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion: 82 Resp: 5639

Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.5	36.7#
54	38.8	35.2	52.8



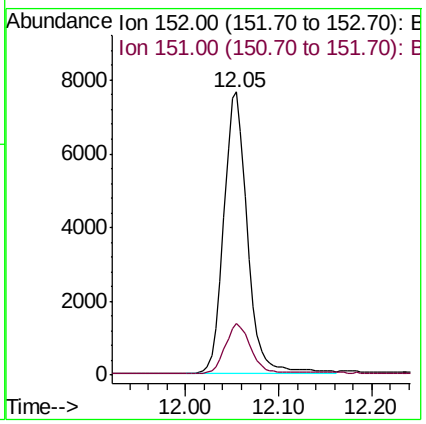


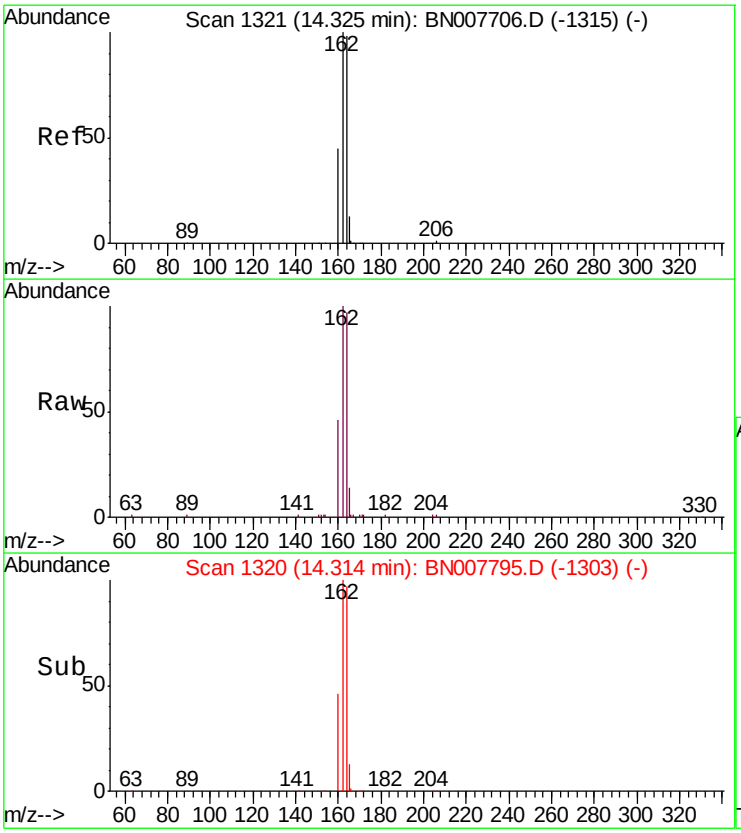
#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:152 Resp: 13264

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

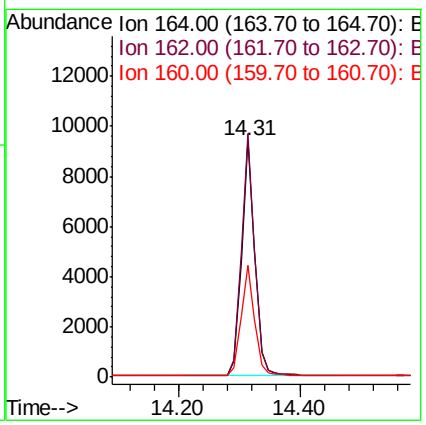


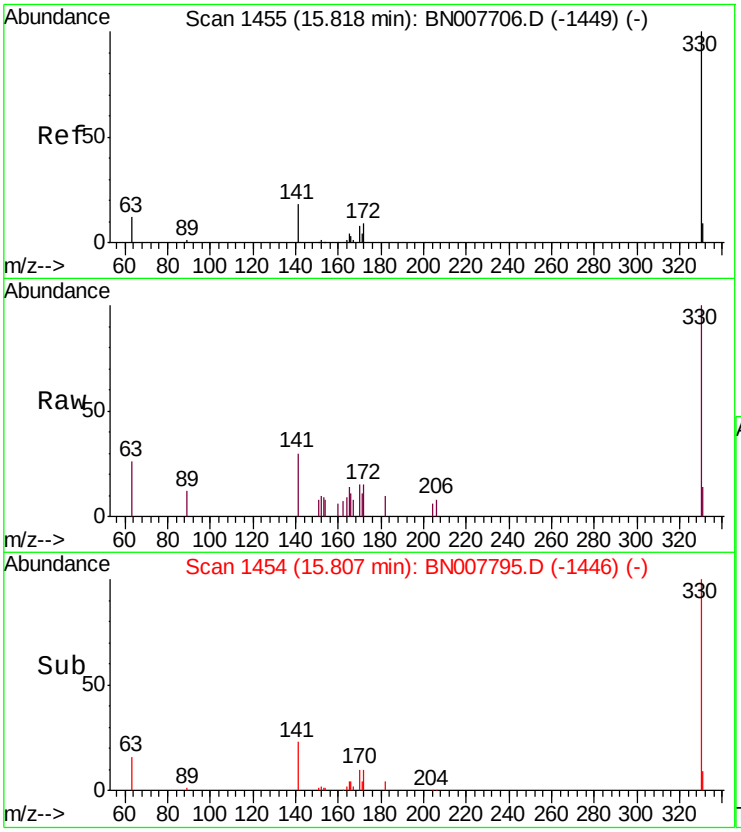


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion:164 Resp: 14162

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.7	122.5
160	47.3	37.0	55.4



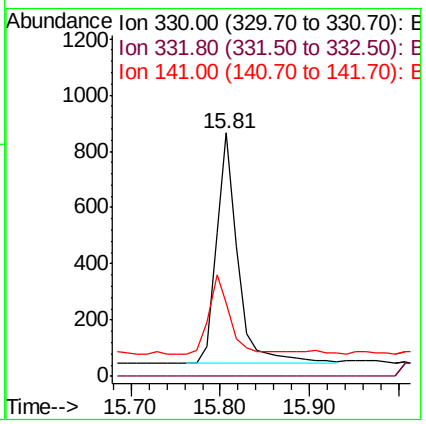


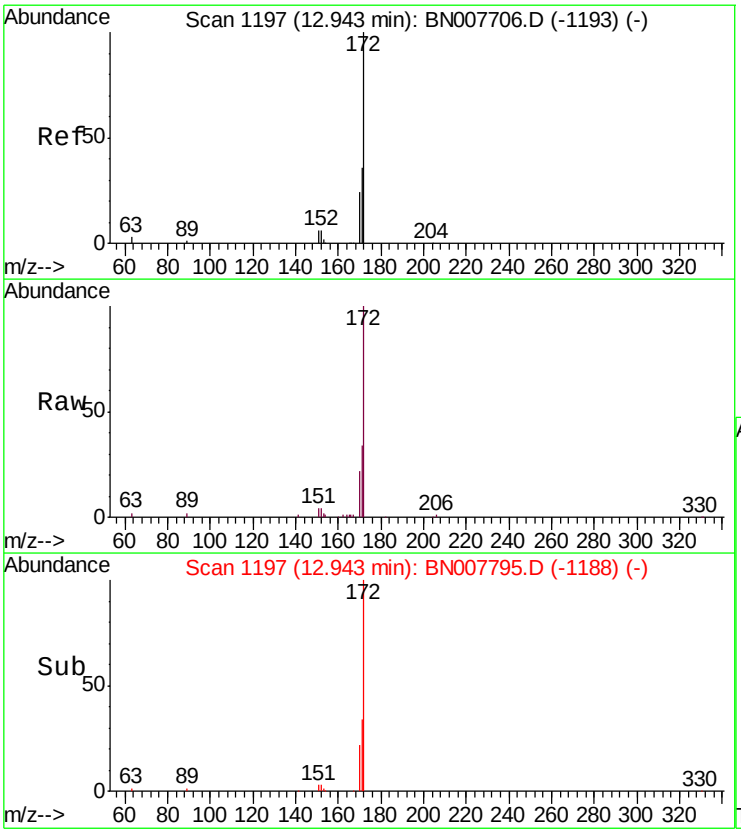
#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:330 Resp: 1391

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.9	28.7	43.1

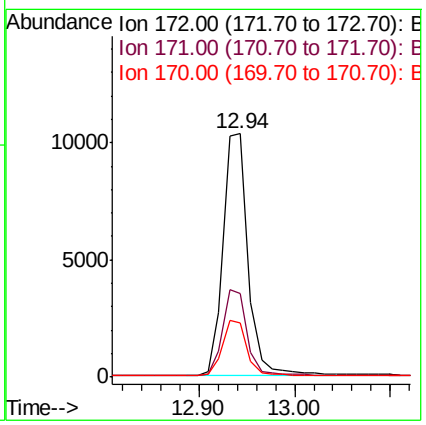


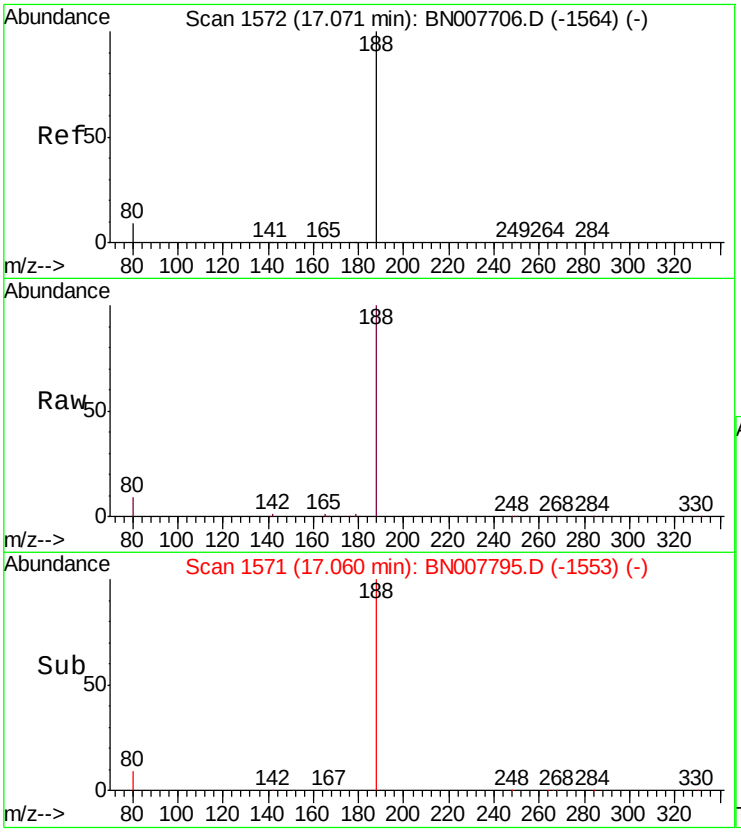


#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion:172 Resp: 19033

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	22.2	19.5	29.3



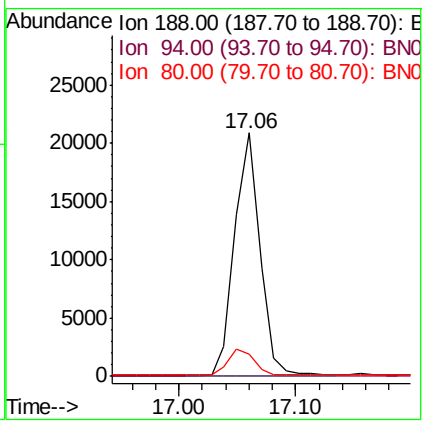


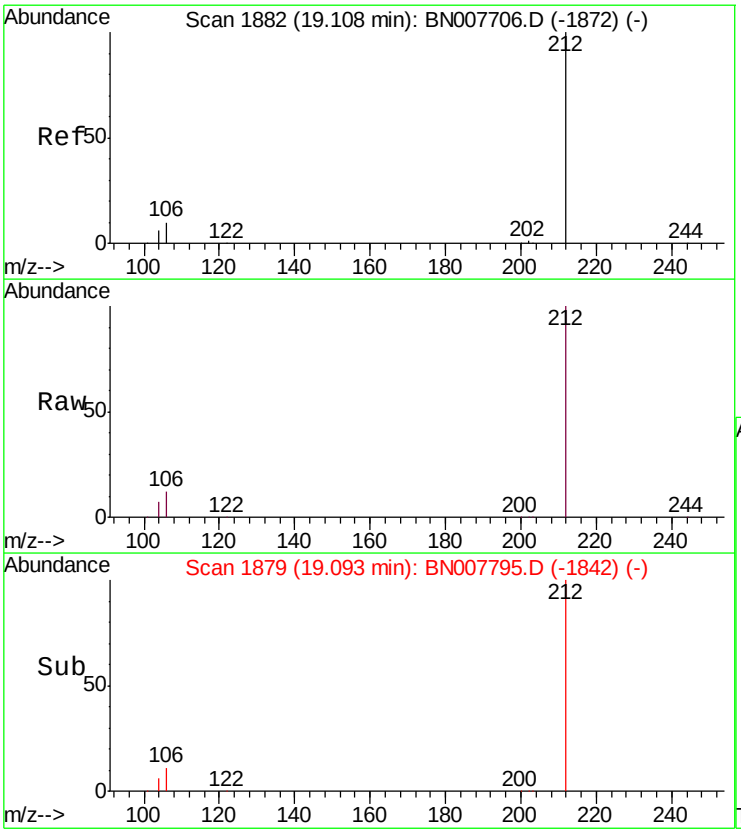
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:188 Resp: 31385

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.4	11.2

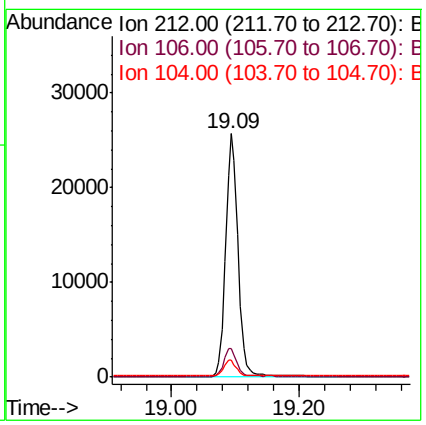


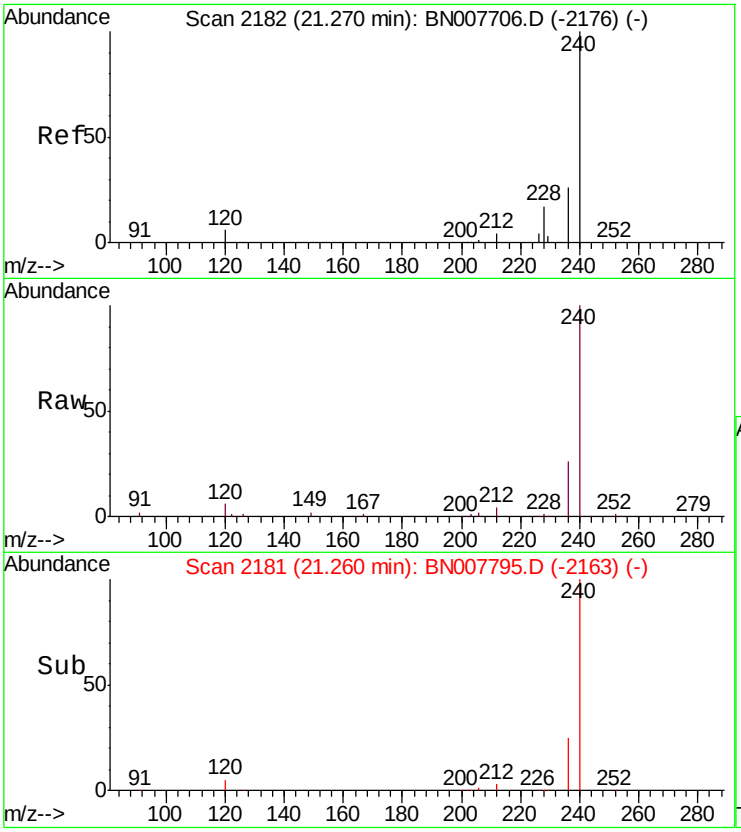


#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion:212 Resp: 35497

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.7	5.3	7.9



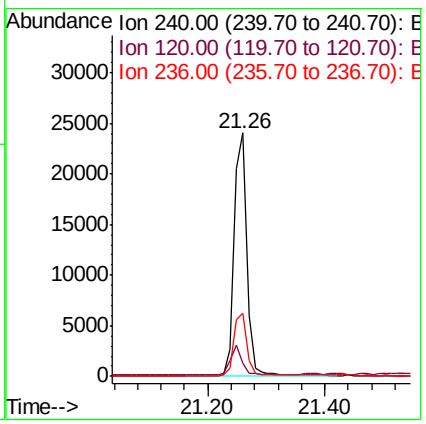


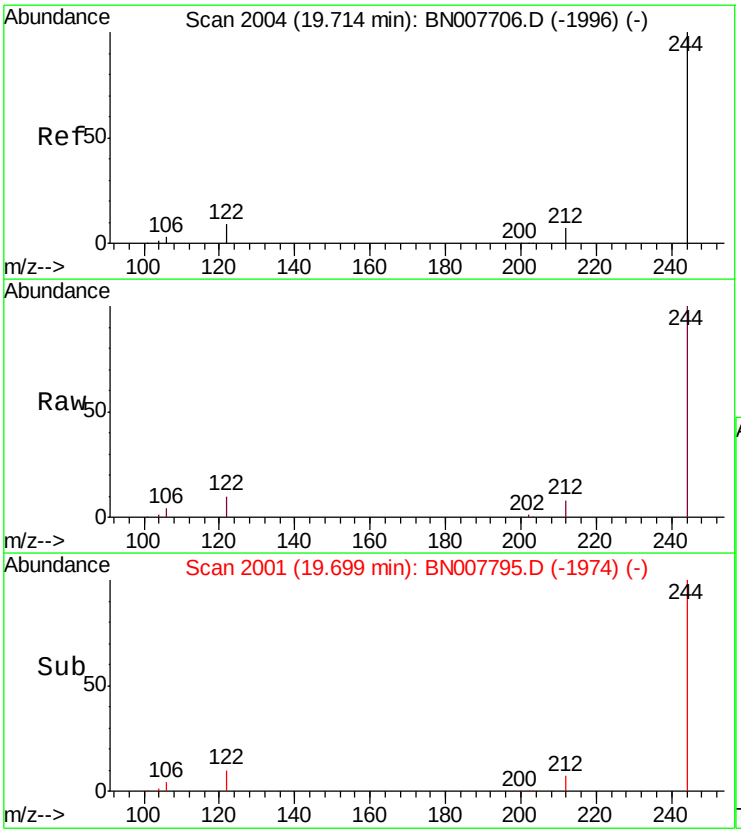
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:240 Resp: 35261

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.4	8.2
236	25.8	21.0	31.4

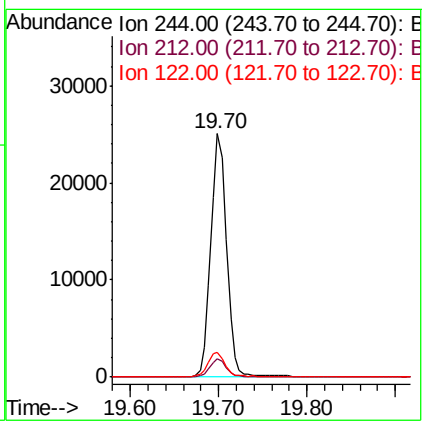


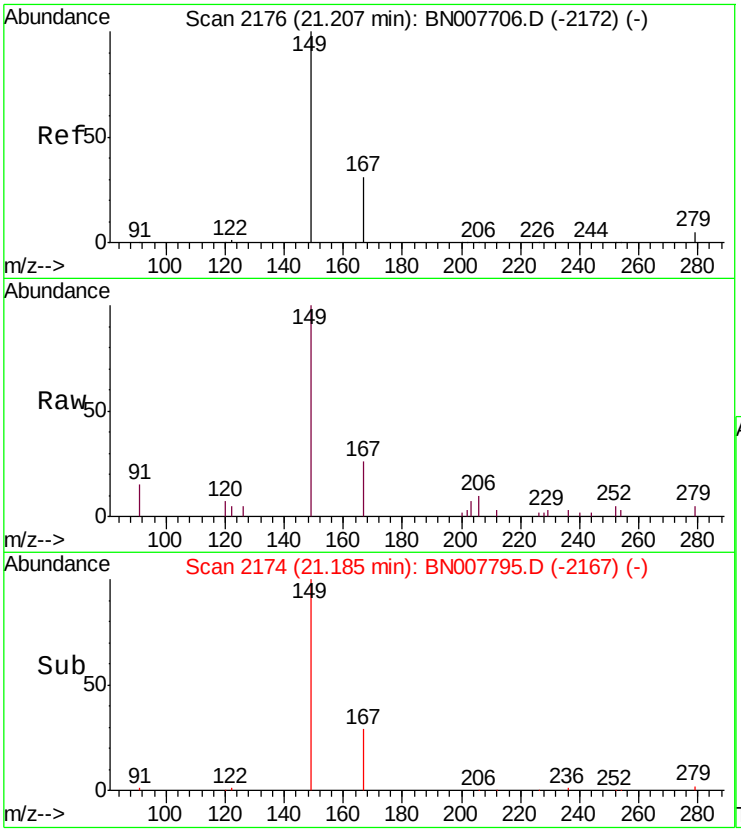


#29
Terphenyl-d14
Concen: 0.356 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion:244 Resp: 30872

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.3	7.4	11.2



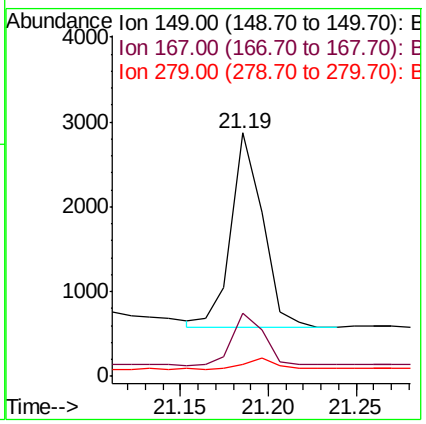


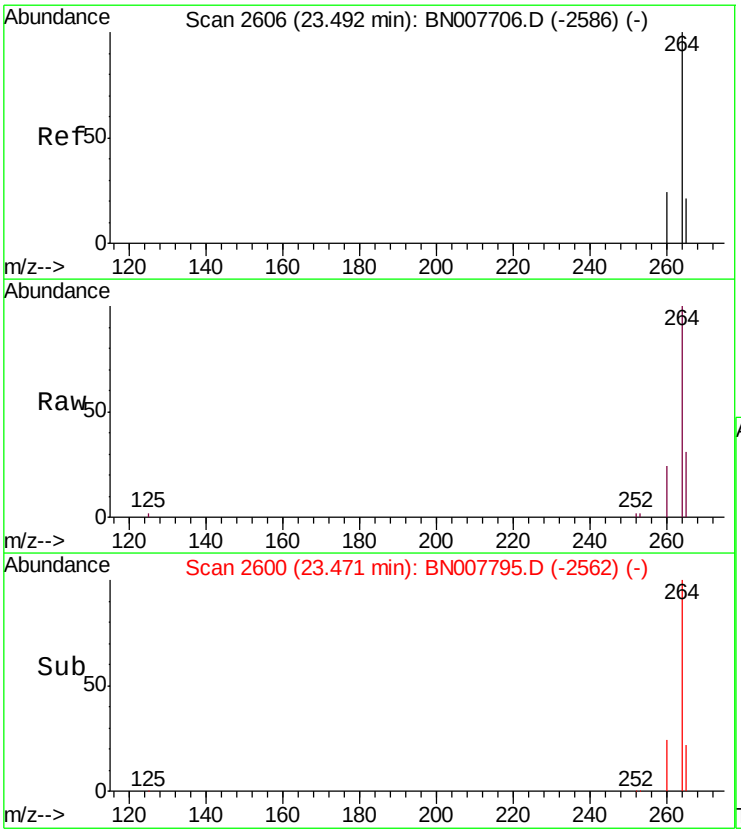
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Instrument :
BNA_N
ClientSampleId :
RE105D2-20190918

Tgt Ion:149 Resp: 2857

Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.7	35.5
279	5.4	4.2	6.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007795.D
Acq: 21 Sep 2019 10:50

Tgt Ion:264 Resp: 38176

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	31.4	26.9	40.3