Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
Data File : BN007715.D
Acq On : 18 Sep 2019 20:53
Operator : HP/JU
Sample : K4883-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW6-R2-1

Quant Time: Sep 19 07:25:47 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	7.70	152	6358	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25960	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	16202	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	36224	0.40	ng	0.00
27) Chrysene-d12	21.27	240	40452	0.40	ng	0.00
34) Perylene-d12	23.49	264	44644	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3182	0.15	ng	0.00
5) Phenol-d6	6.87	99	2448	0.08	ng	0.00
8) Nitrobenzene-d5	8.83	82	8092	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	16632	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2775	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	25800	0.39	ng	0.00
25) Fluoranthene-d10	19.10	212	47458	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	47610	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	160	0.023	ng	# 1
3) n-Nitrosodimethylamine	3.01	42	179919	55.431	ng	# 67
9) Naphthalene	10.52	128	4946	0.068	ng	# 92
26) Fluoranthene	19.13	202	3404	0.024	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.20	149	6638	0.087	ng	94

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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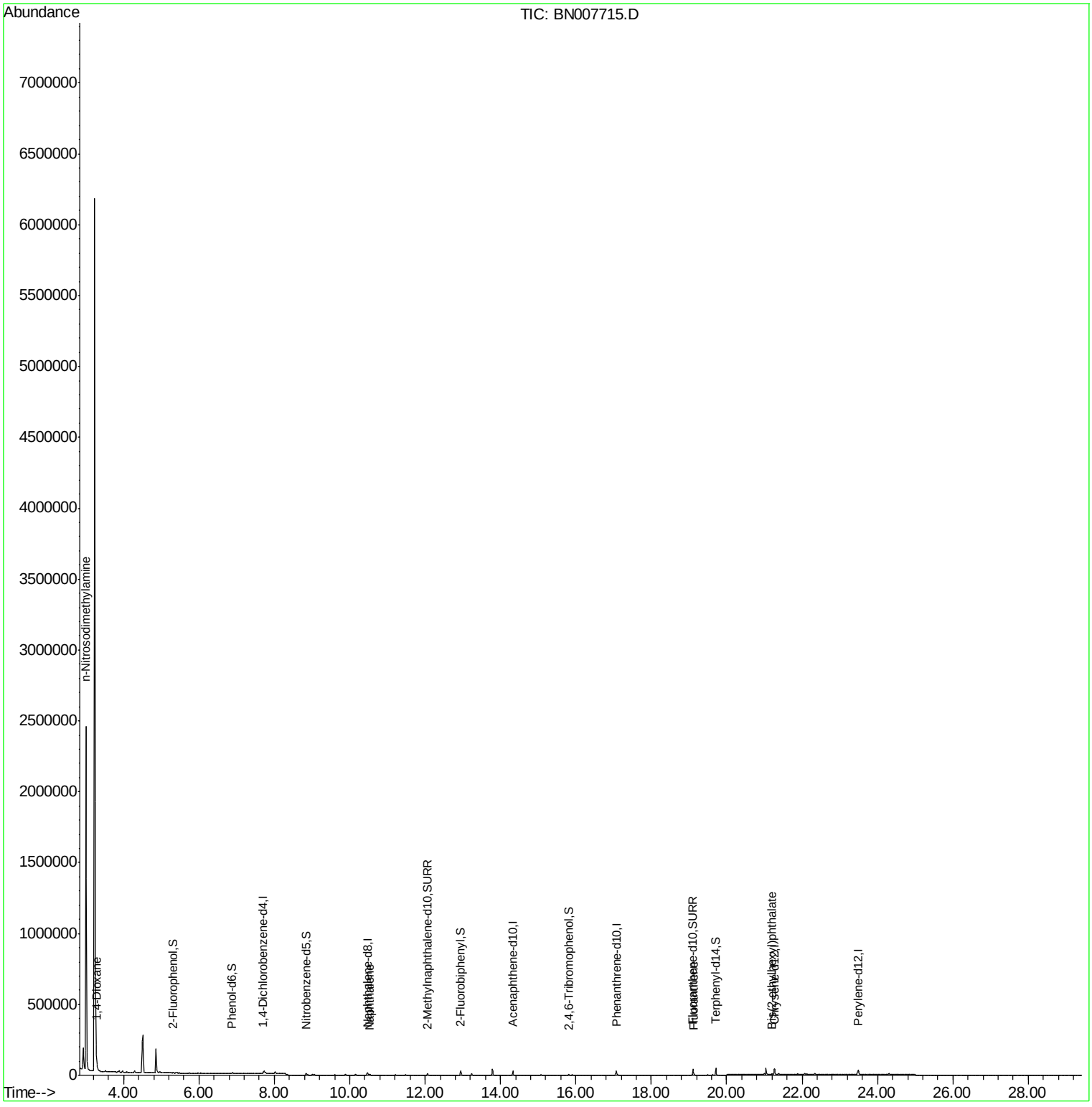
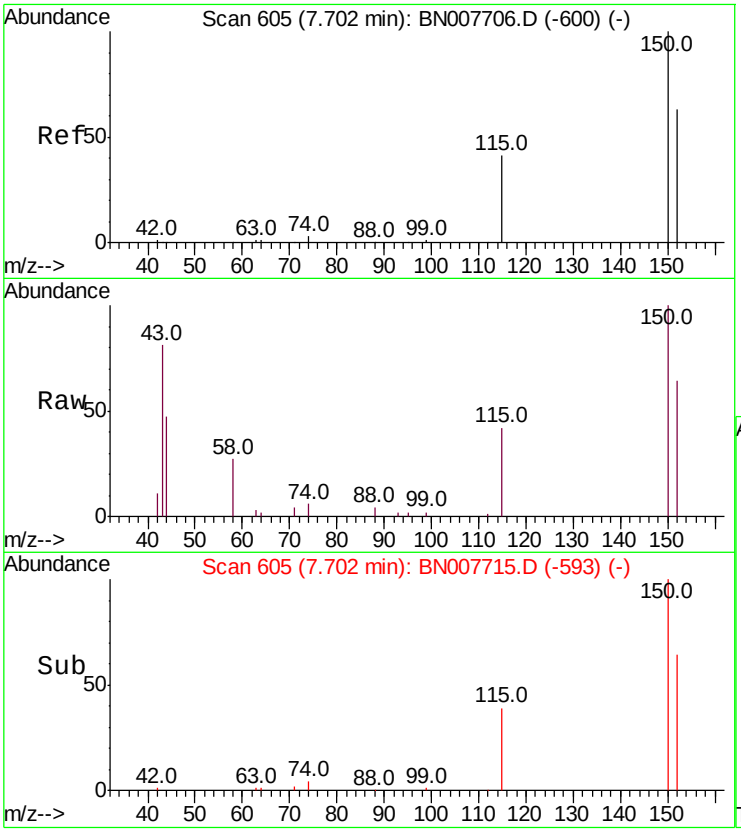


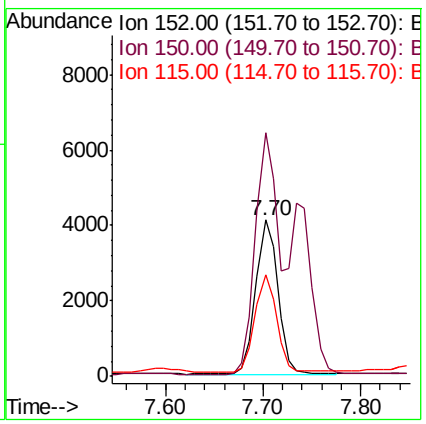


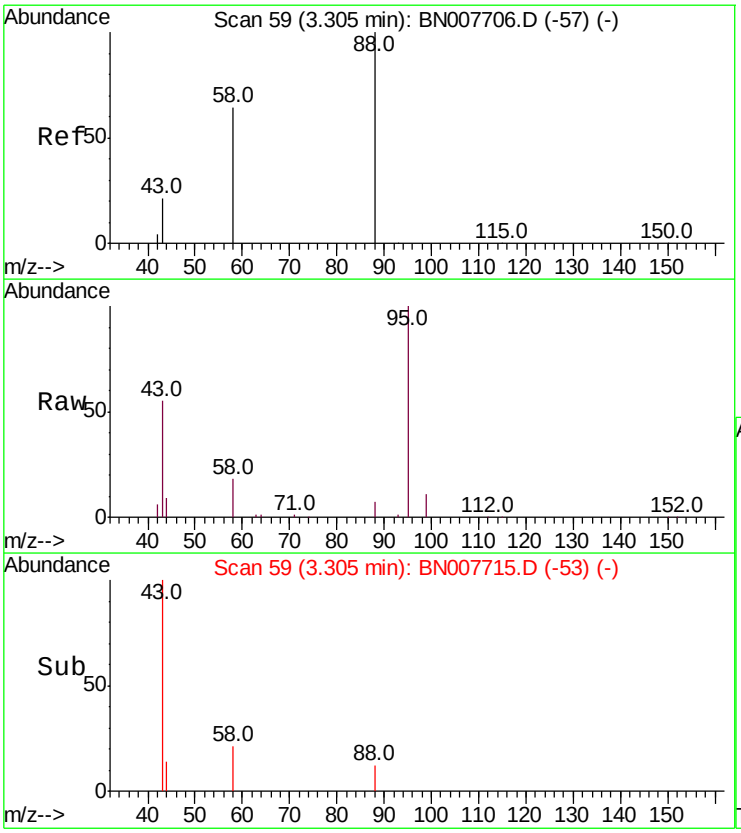
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:152 Resp: 6358

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.6	188.4
115	64.9	53.3	79.9

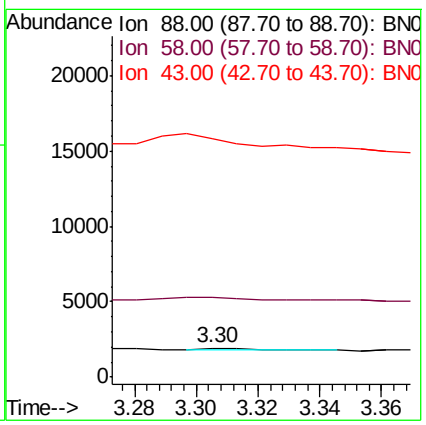


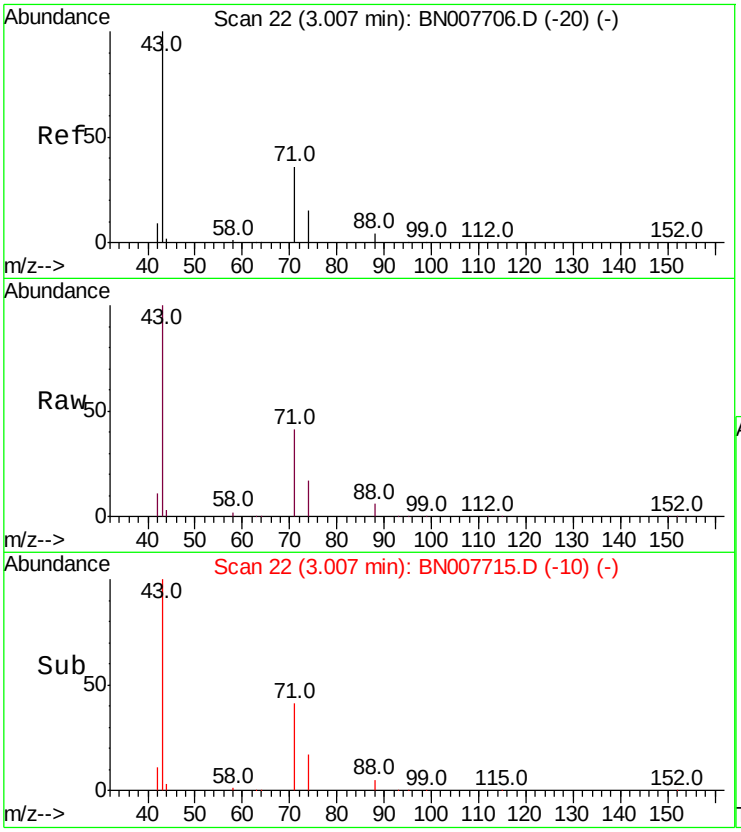


#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.30 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion: 88 Resp: 160

Ion	Ratio	Lower	Upper
88	100		
58	230.6	44.6	66.8#
43	996.9	14.4	21.6#



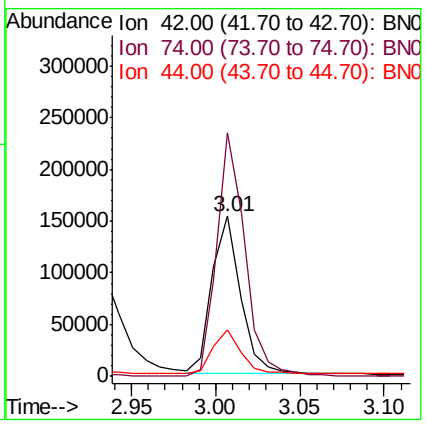


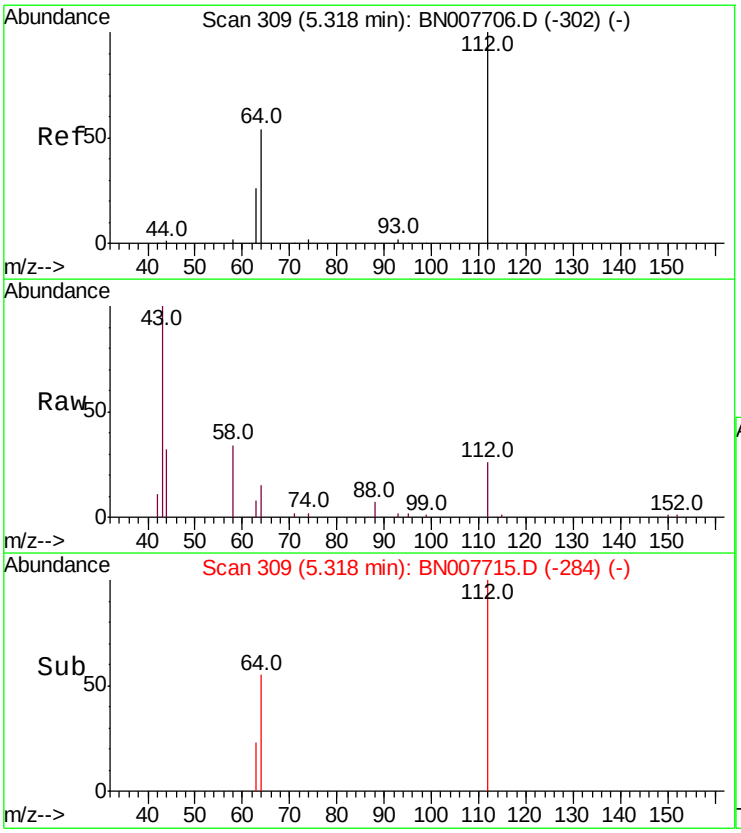
#3
n-Nitrosodimethylamine
Concen: 55.431 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion: 42 Resp: 179919

Ion	Ratio	Lower	Upper
42	100		
74	151.0	87.9	131.9#
44	27.0	29.4	44.0#

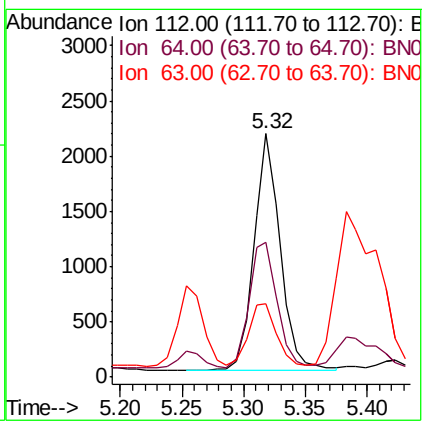


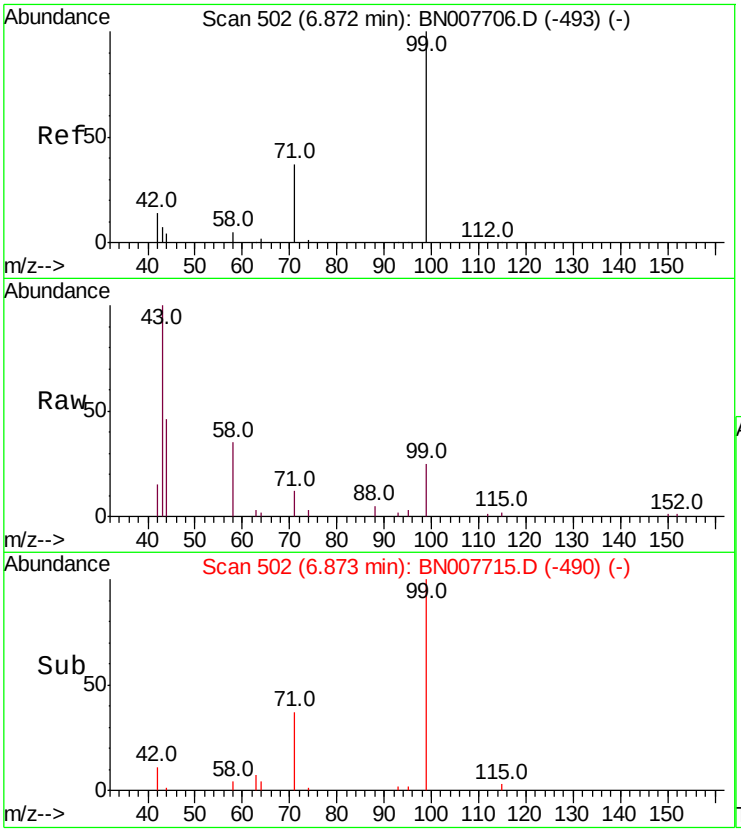


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:112 Resp: 3182

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	28.0	23.1	34.7



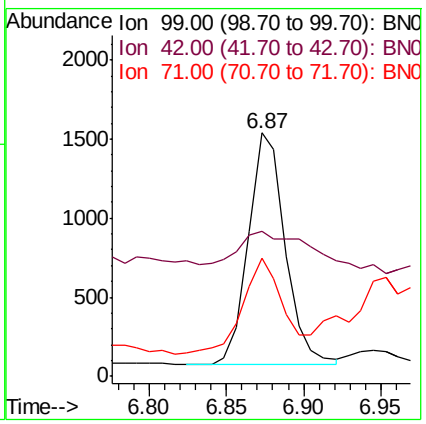


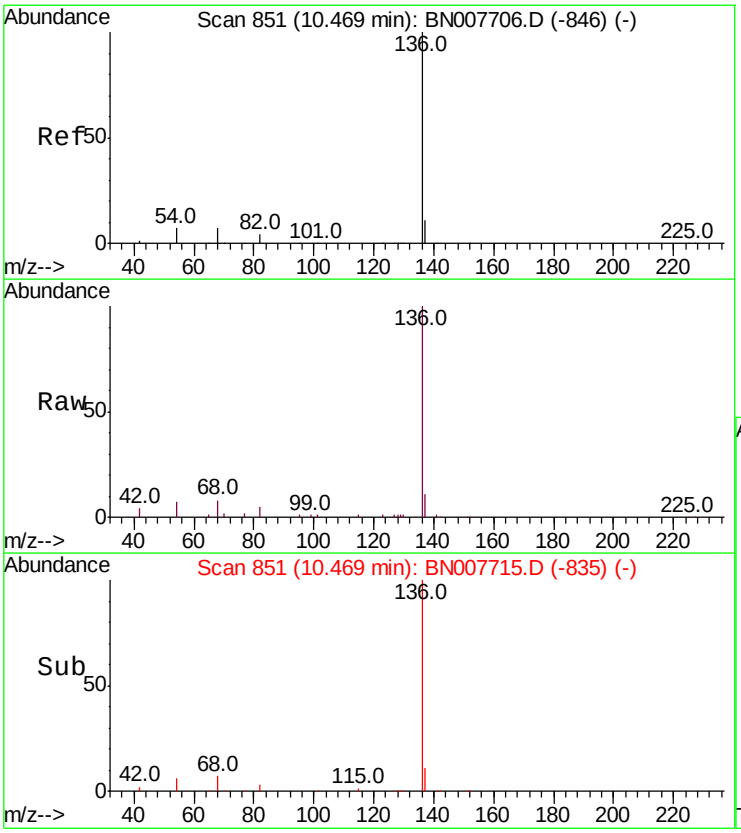
#5
Phenol-d6
Concen: 0.085 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion: 99 Resp: 2448

Ion	Ratio	Lower	Upper
99	100		
42	38.1	12.8	19.2#
71	43.3	27.6	41.4#

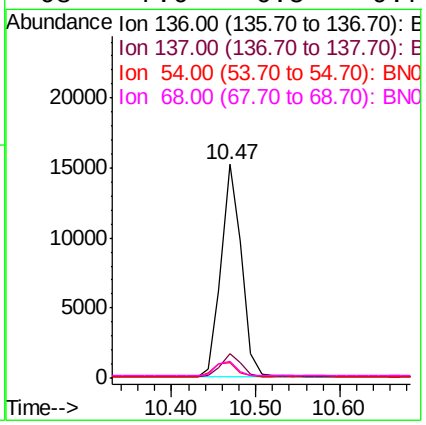


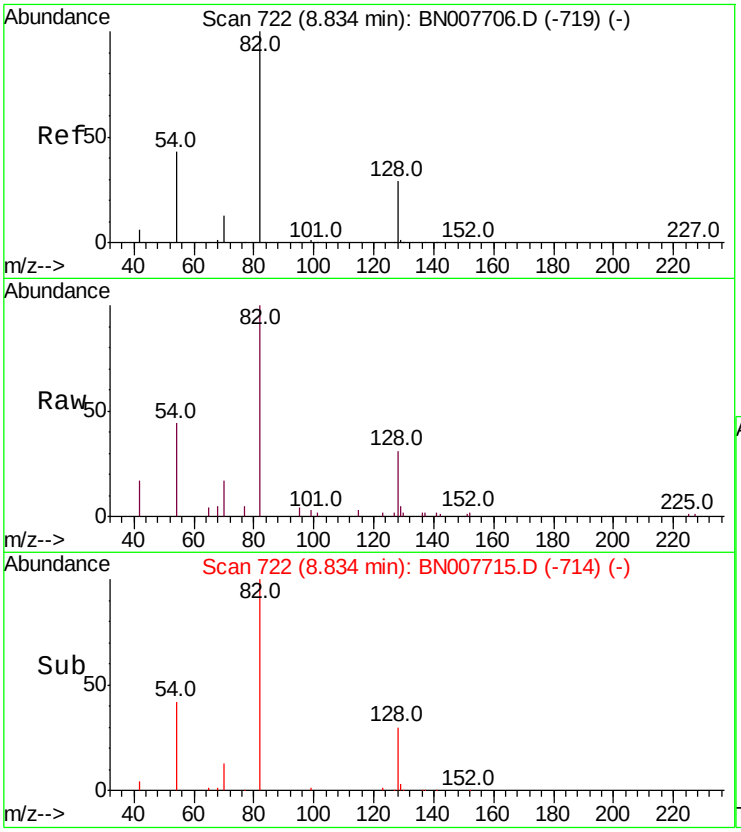


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:136 Resp: 25960

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.2	5.8	8.8
68	7.6	6.5	9.7



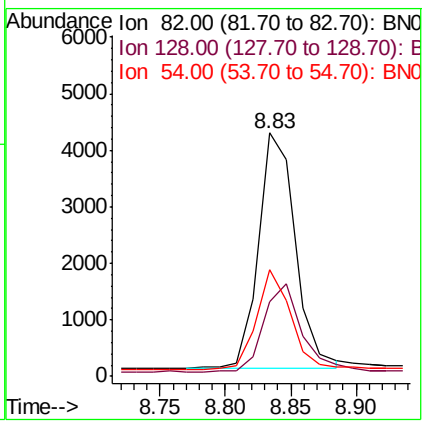


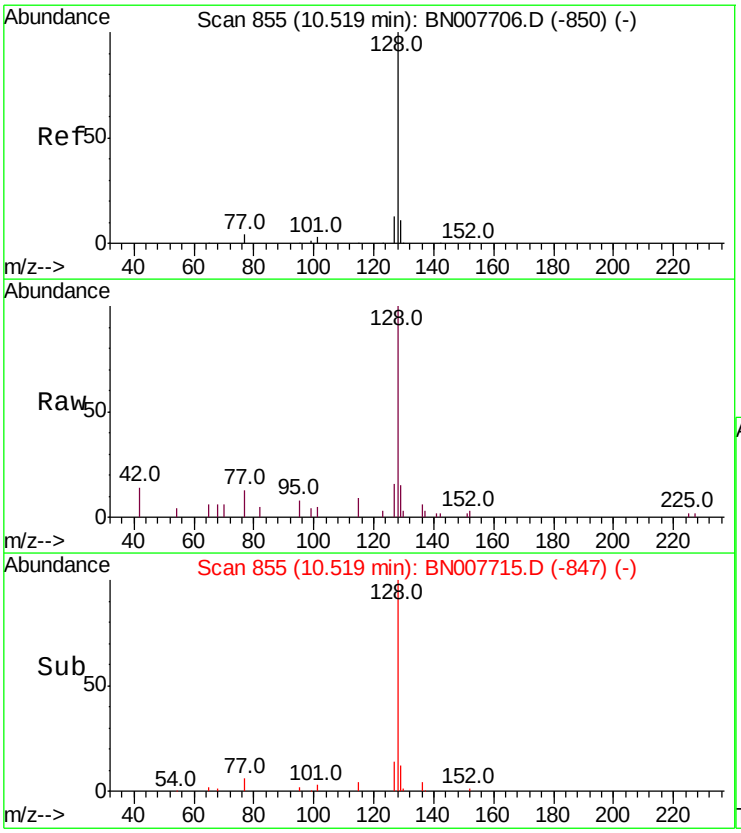
#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion: 82 Resp: 8092

Ion	Ratio	Lower	Upper
82	100		
128	30.7	24.5	36.7
54	43.6	35.2	52.8

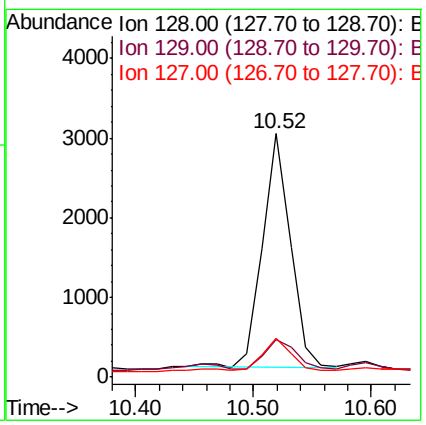


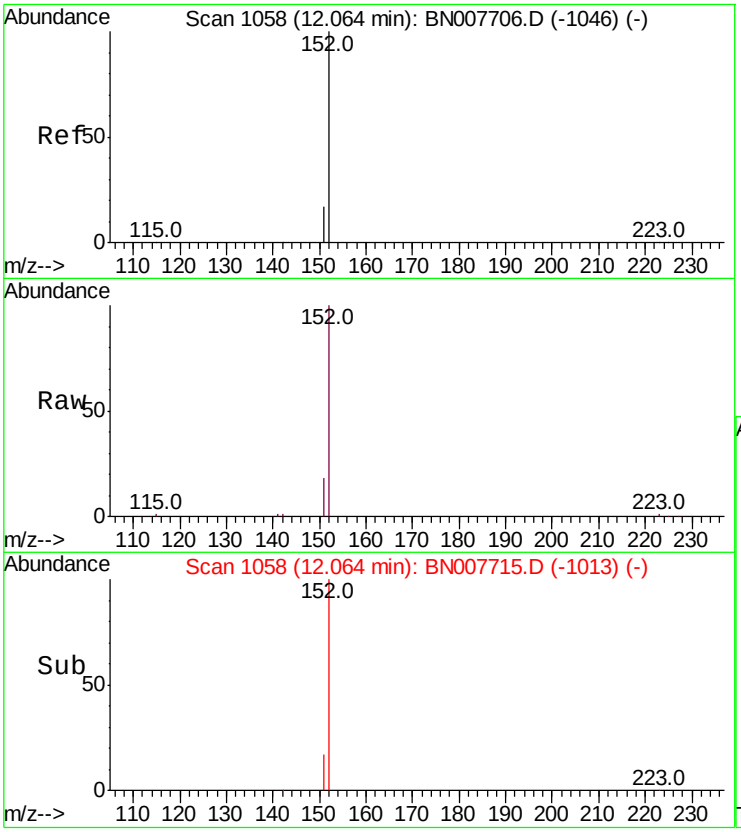


#9
Naphthalene
Concen: 0.068 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:128 Resp: 4946

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.1	13.7#
127	15.9	10.6	15.8#



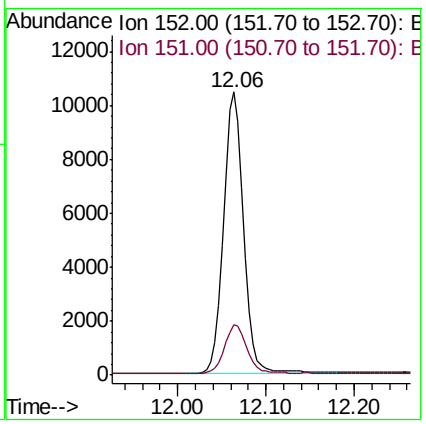


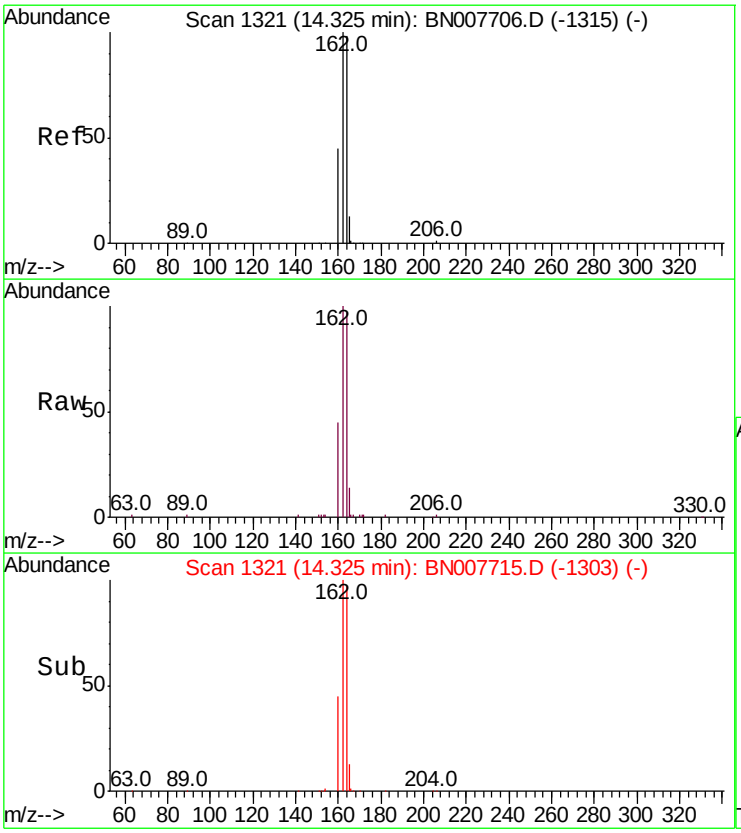
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:152 Resp: 16632

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

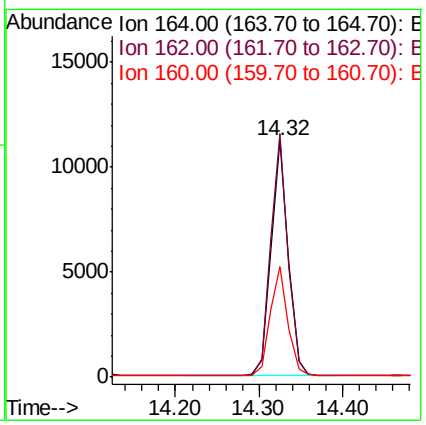


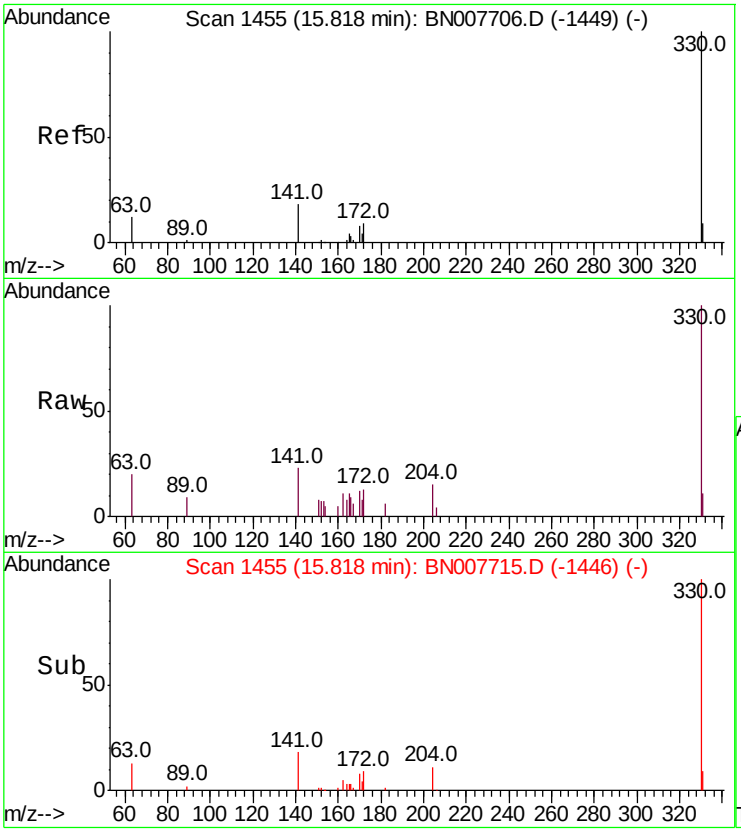


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:164 Resp: 16202

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.7	122.5
160	46.7	37.0	55.4



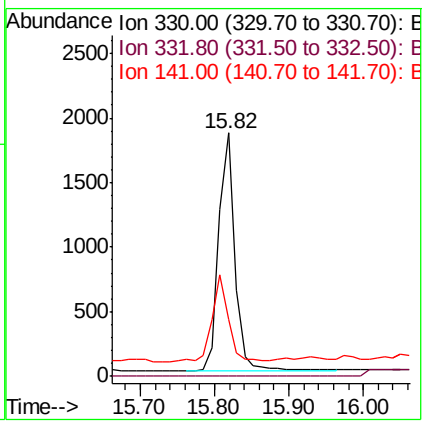


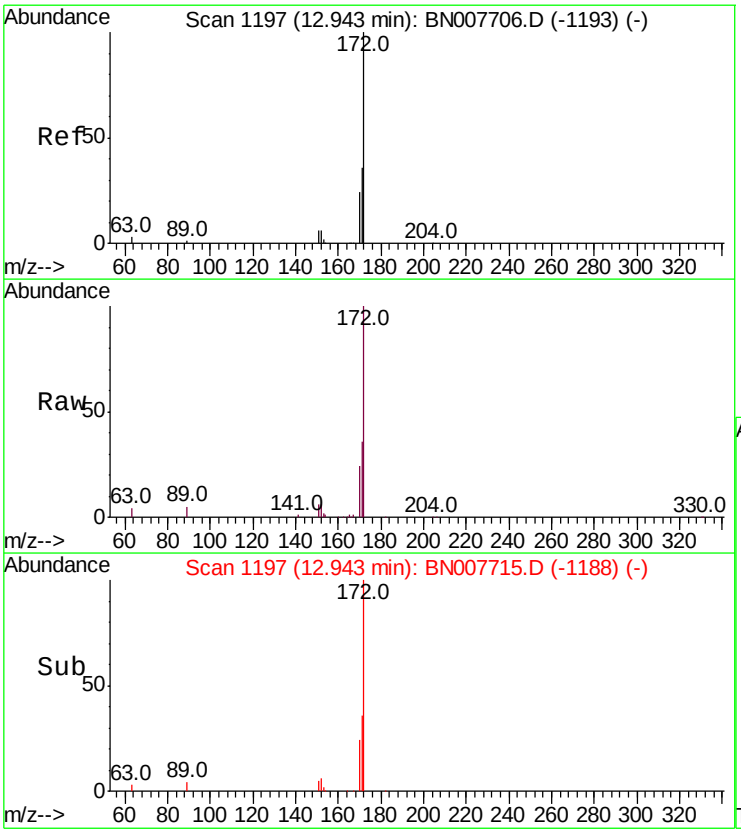
#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.82 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:330 Resp: 2775

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	28.7	43.1

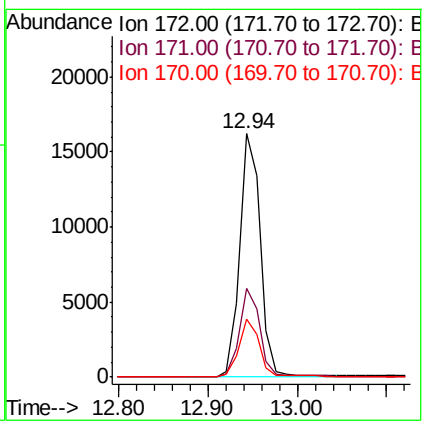


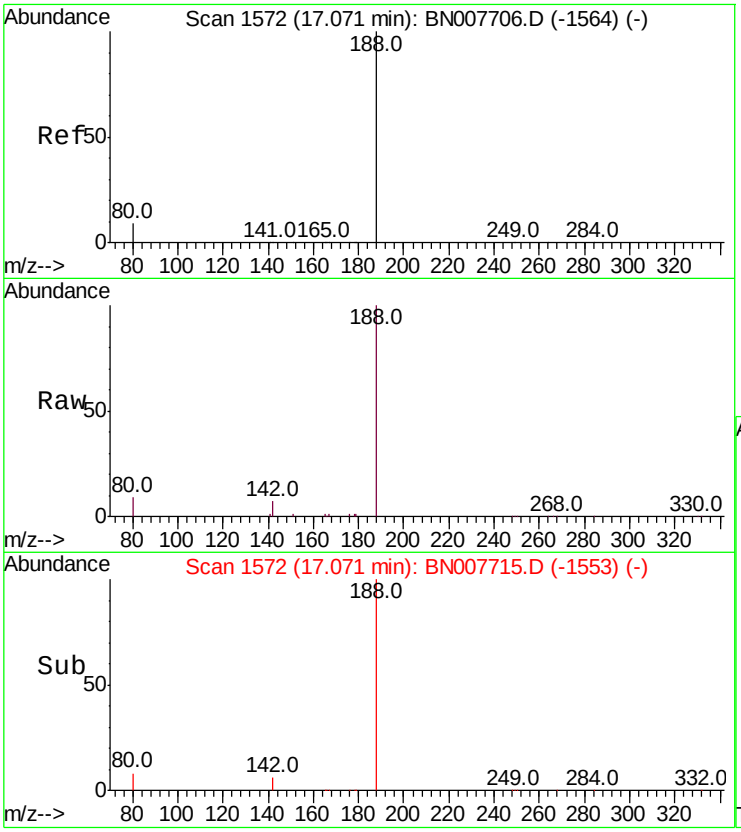


#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:172 Resp: 25800

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	24.0	19.5	29.3



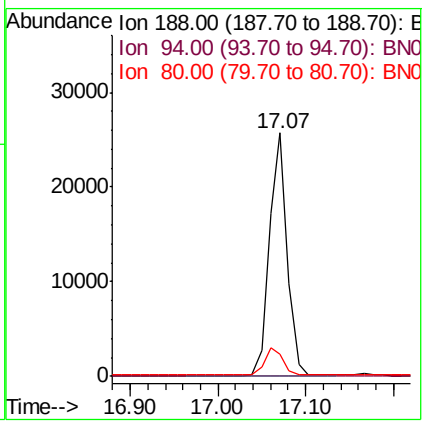


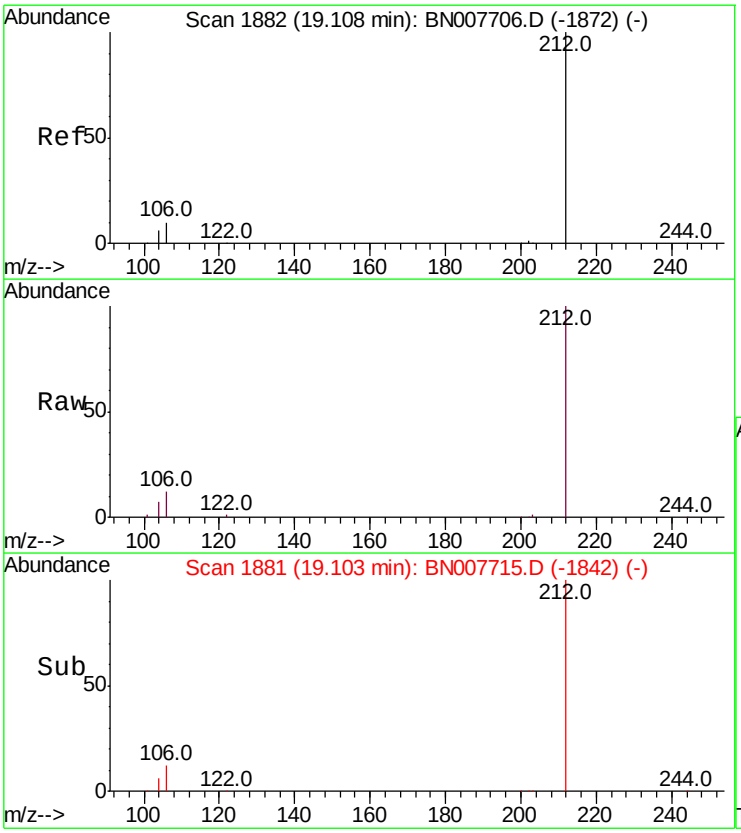
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:188 Resp: 36224

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

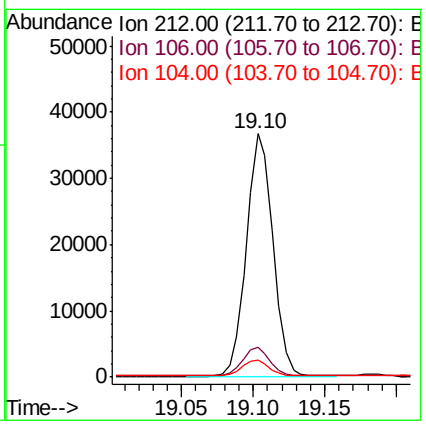


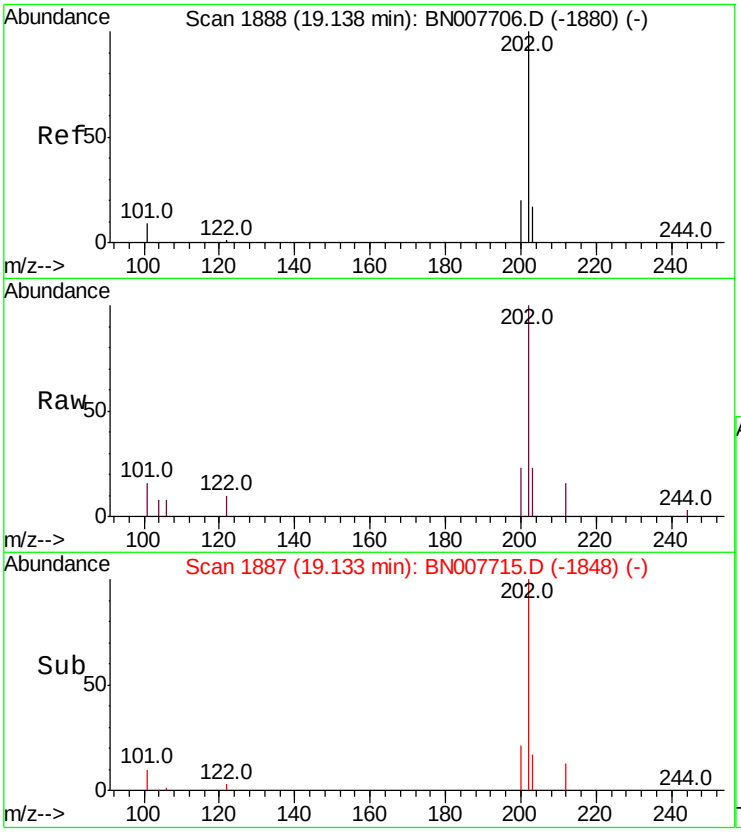


#25
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:212 Resp: 47458

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.6	5.3	7.9



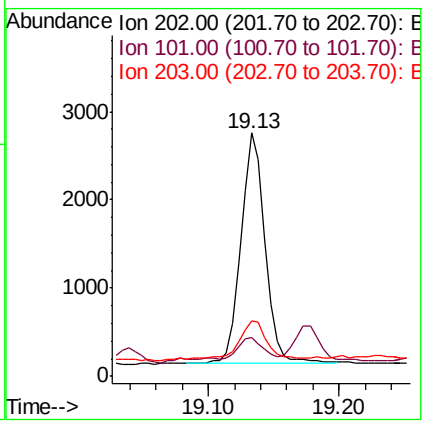


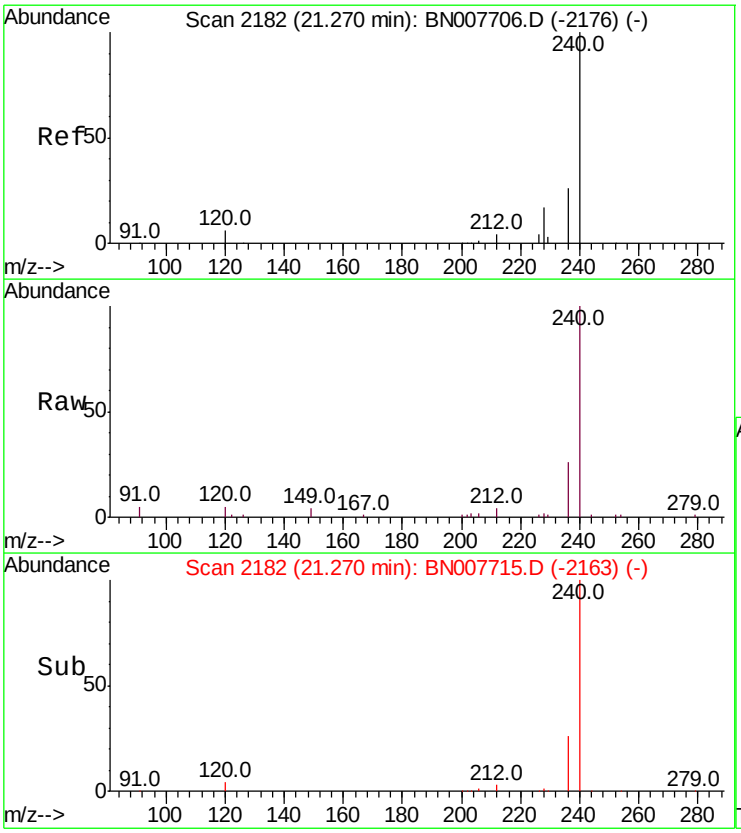
#26
Fluoranthene
Concen: 0.024 ng
RT: 19.13 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:202 Resp: 3404

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
203	21.2	13.8	20.8#

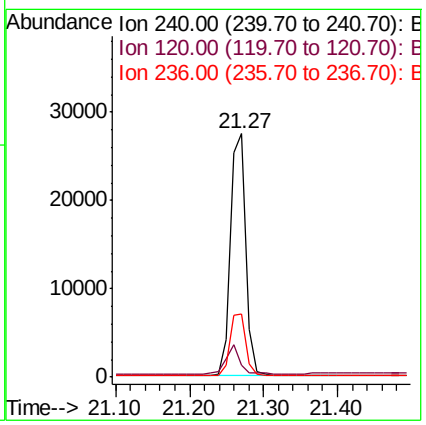


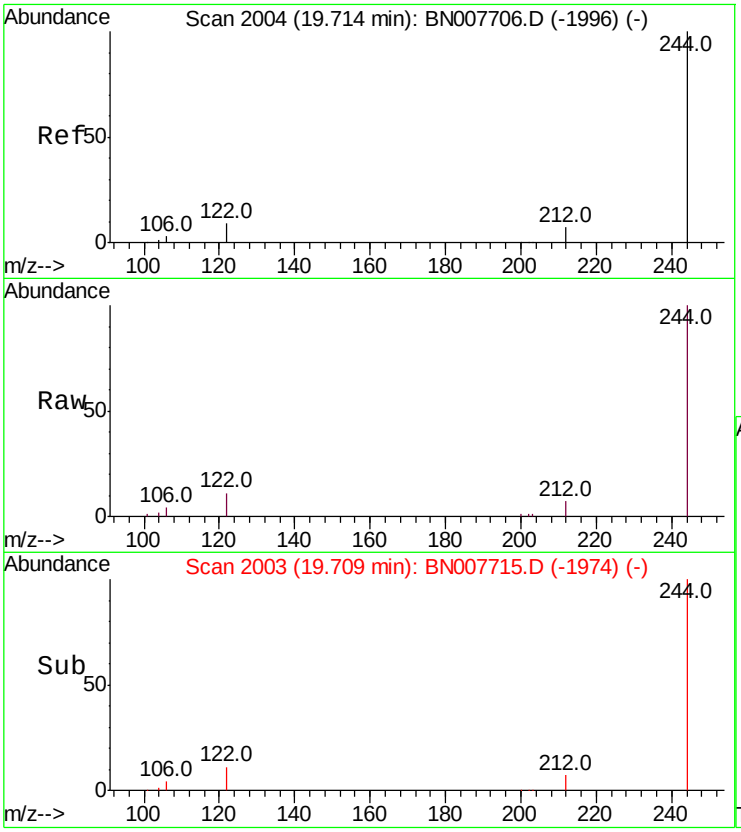


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:240 Resp: 40452

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.4	8.2#
236	26.1	21.0	31.4



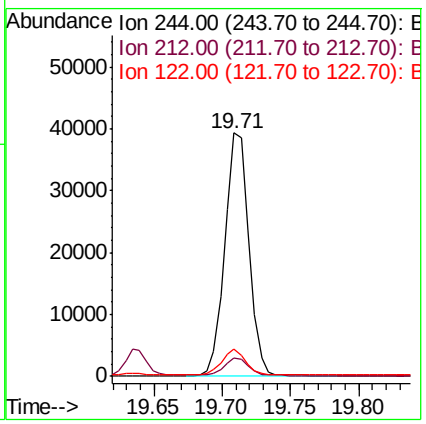


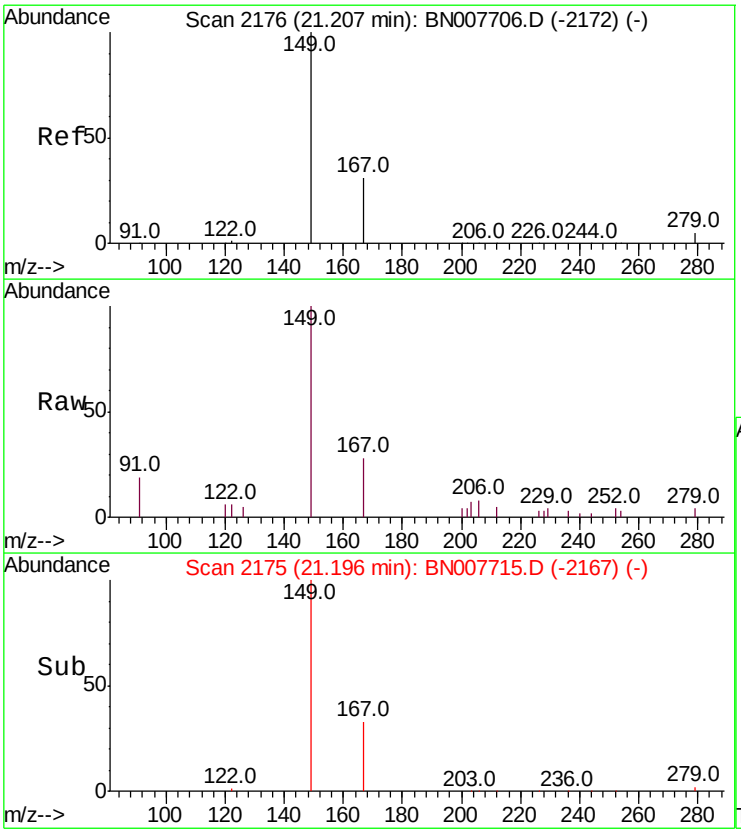
#29
Terphenyl-d14
Concen: 0.479 ng
RT: 19.71 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:244 Resp: 47610

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

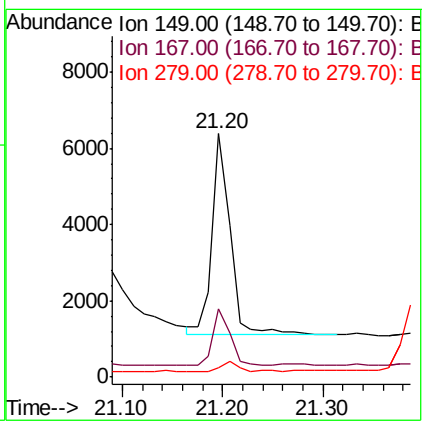


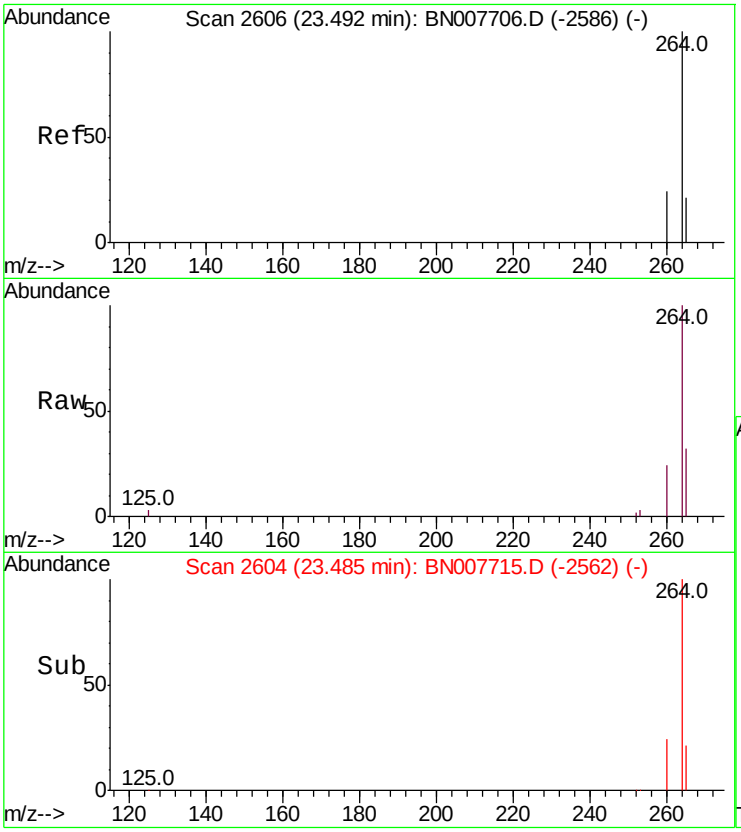


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Tgt Ion:149 Resp: 6638

Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.7	35.5
279	4.7	4.2	6.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BN007715.D
Acq: 18 Sep 2019 20:53

Instrument :
BNA_N
ClientSampleId :
MW6-R2-1

Tgt Ion:264 Resp: 44644

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	32.1	26.9	40.3