Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007636.D
Acq On : 13 Sep 2019 20:37
Operator : HP/JU
Sample : K4858-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DUP01-20190909

Quant Time: Sep 14 03:01:45 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	8771	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	33522	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	18339	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	37394	0.40	ng		0.00
27) Chrysene-d12	21.27	240	34835	0.40	ng		-0.01
34) Perylene-d12	23.49	264	33501	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	4541	0.16	ng		0.00
5) Phenol-d6	6.89	99	3919	0.12	ng		0.00
8) Nitrobenzene-d5	8.86	82	10037	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	22608	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2122	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	34691	0.43	ng		0.00
25) Fluoranthene-d10	19.11	212	49966	0.42	ng		0.00
29) Terphenyl-d14	19.72	244	44089	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	70243	6.684	ng		88
3) n-Nitrosodimethylamine	3.03	42	175312	36.760	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	760	0.030	ng		88
32) Bis(2-ethylhexyl)phthalate	21.21	149	1193	0.028	ng	#	88

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

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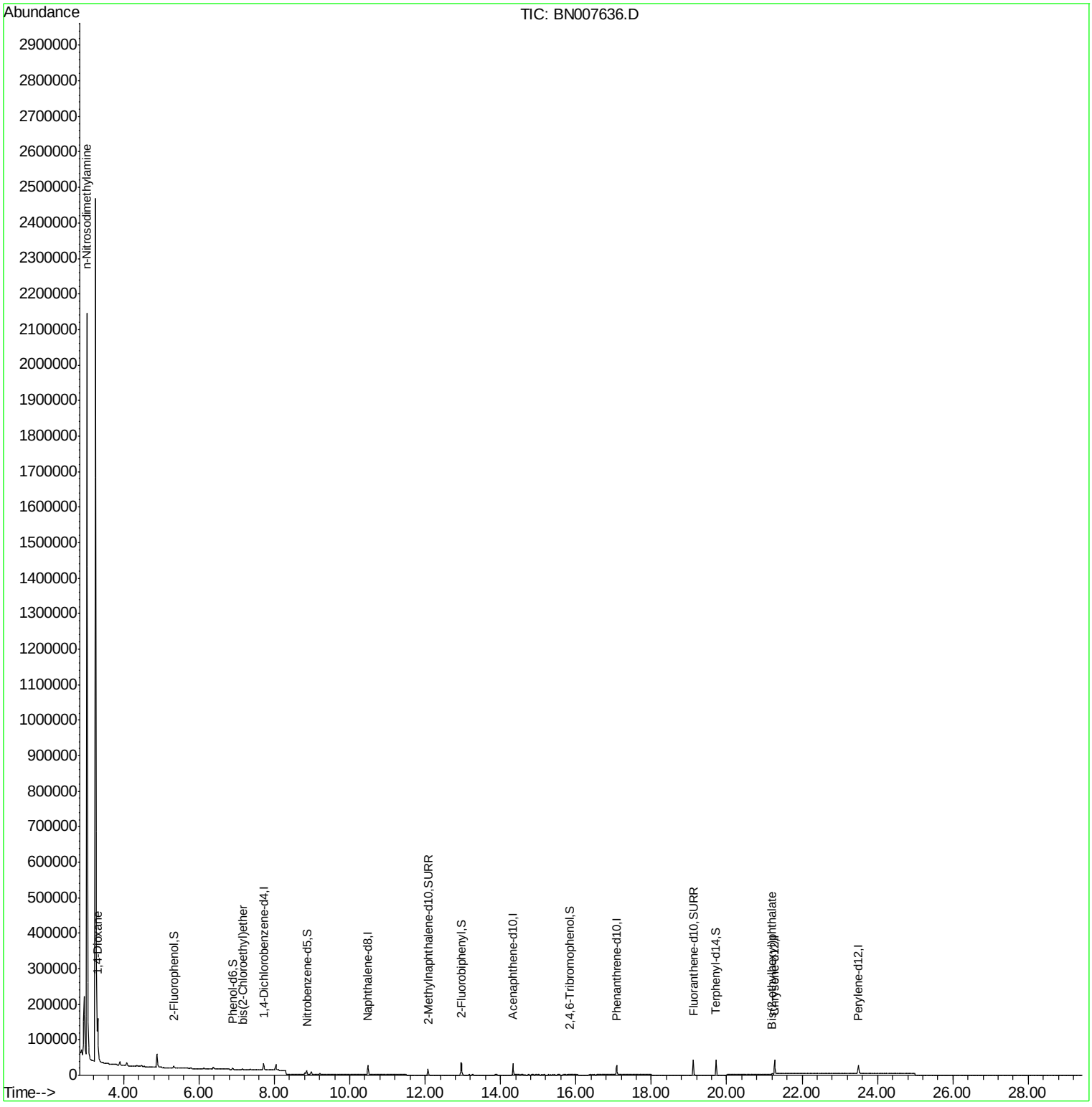
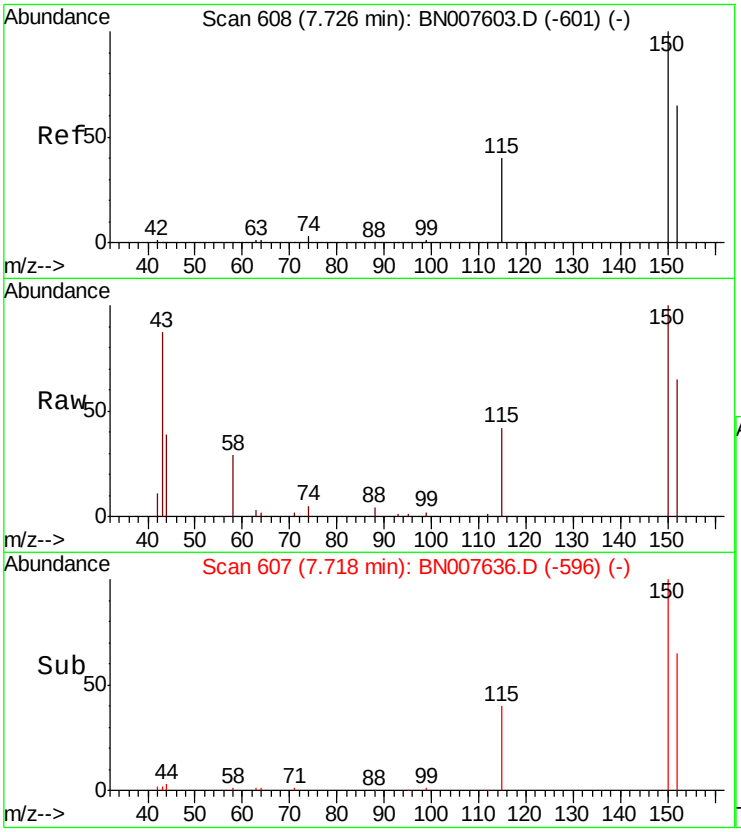
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



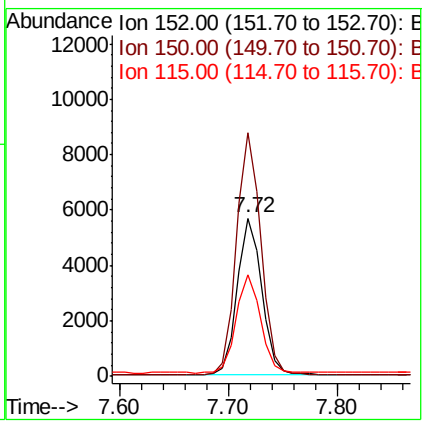


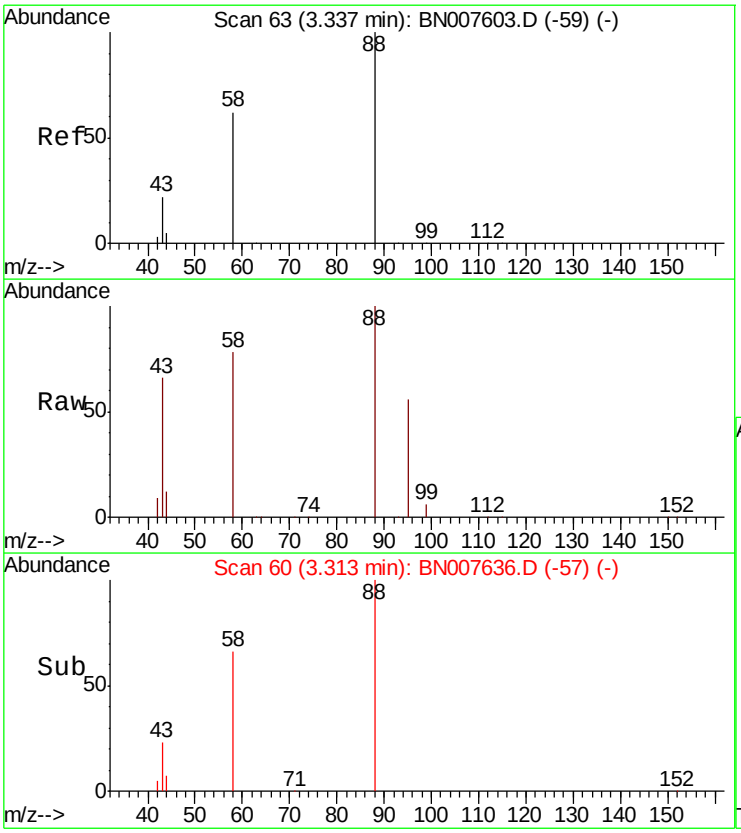
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:152 Resp: 8771

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.4	183.6
115	64.2	50.4	75.6

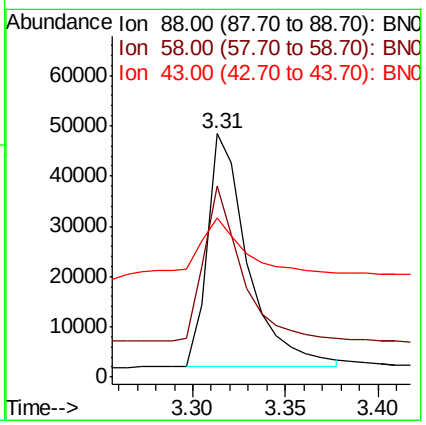


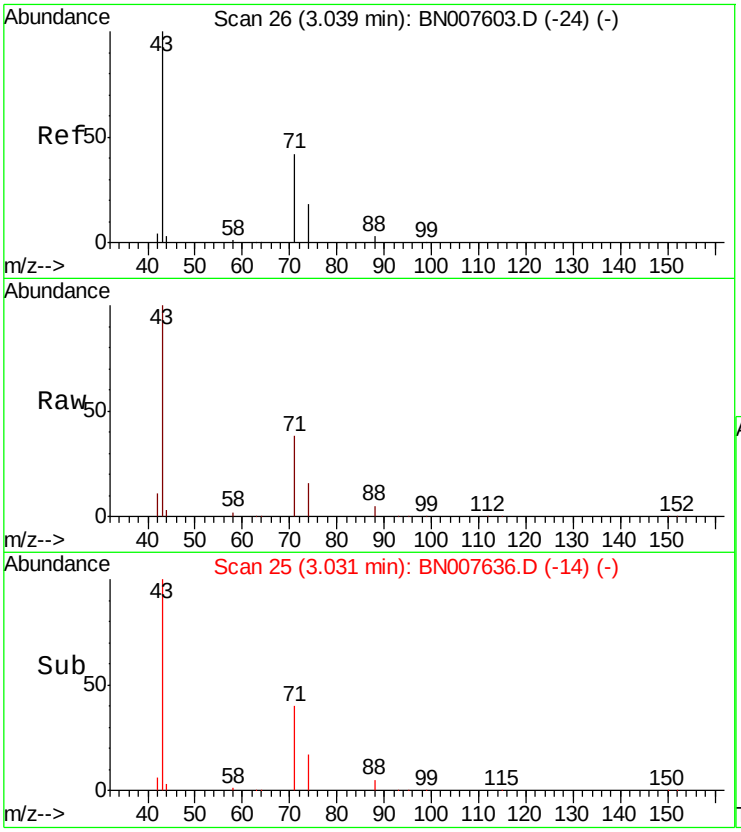


#2
1,4-Dioxane
Concen: 6.684 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion: 88 Resp: 70243

Ion	Ratio	Lower	Upper
88	100		
58	59.4	57.0	85.4
43	22.8	20.0	30.0



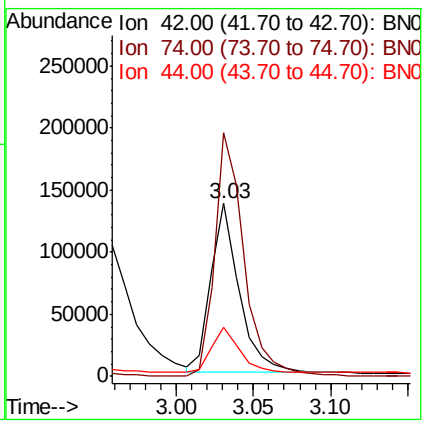


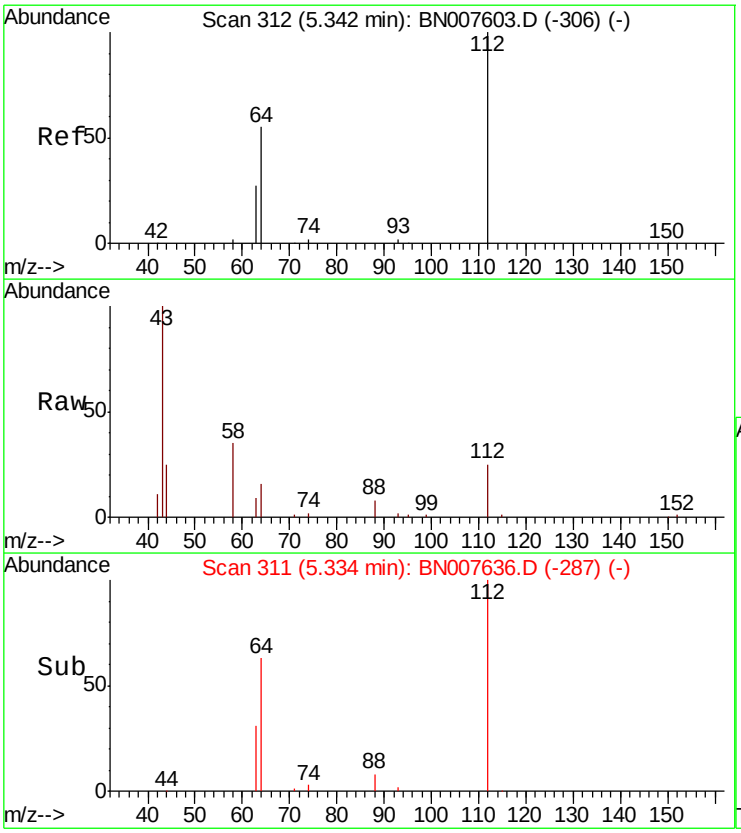
#3
n-Nitrosodimethylamine
Concen: 36.760 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion: 42 Resp: 175312

Ion	Ratio	Lower	Upper
42	100		
74	145.9	9.8	14.8#
44	26.7	0.0	0.0#

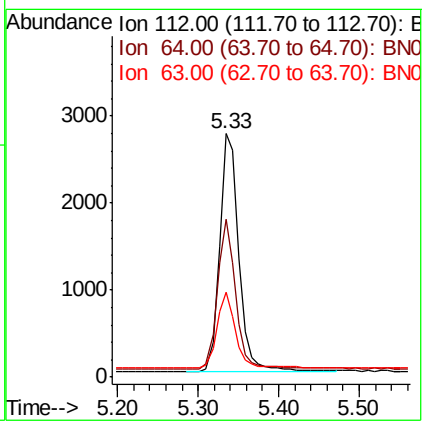


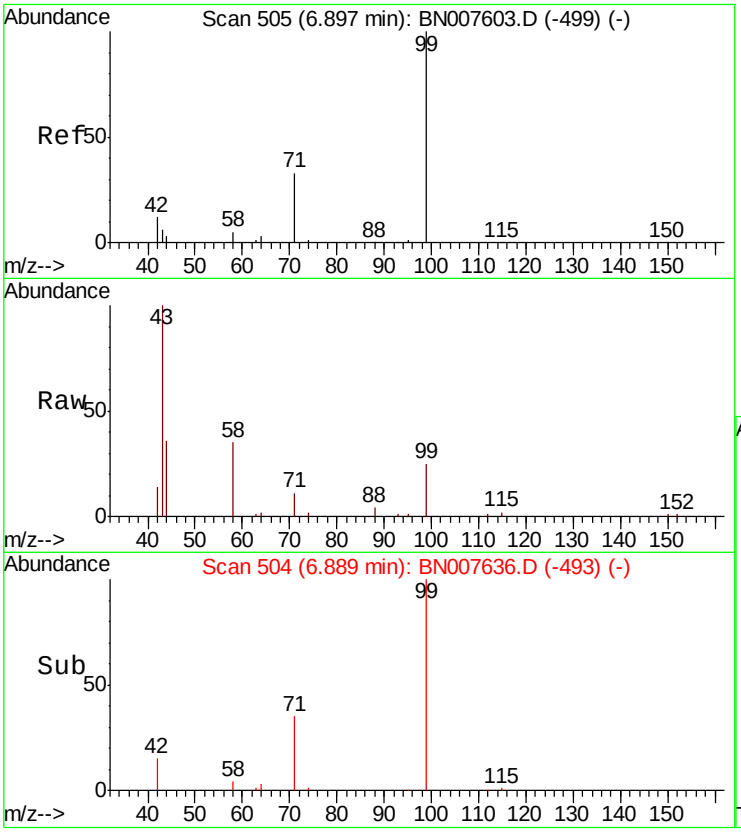


#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:112 Resp: 4541

Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.5	72.7
63	29.8	24.4	36.6



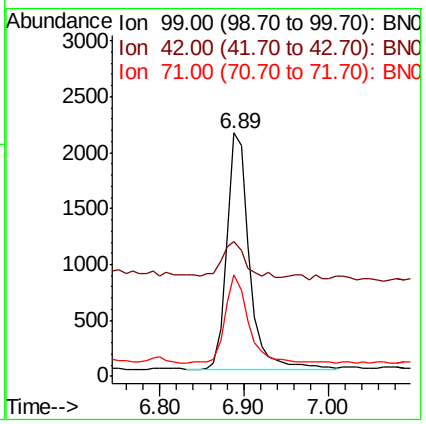


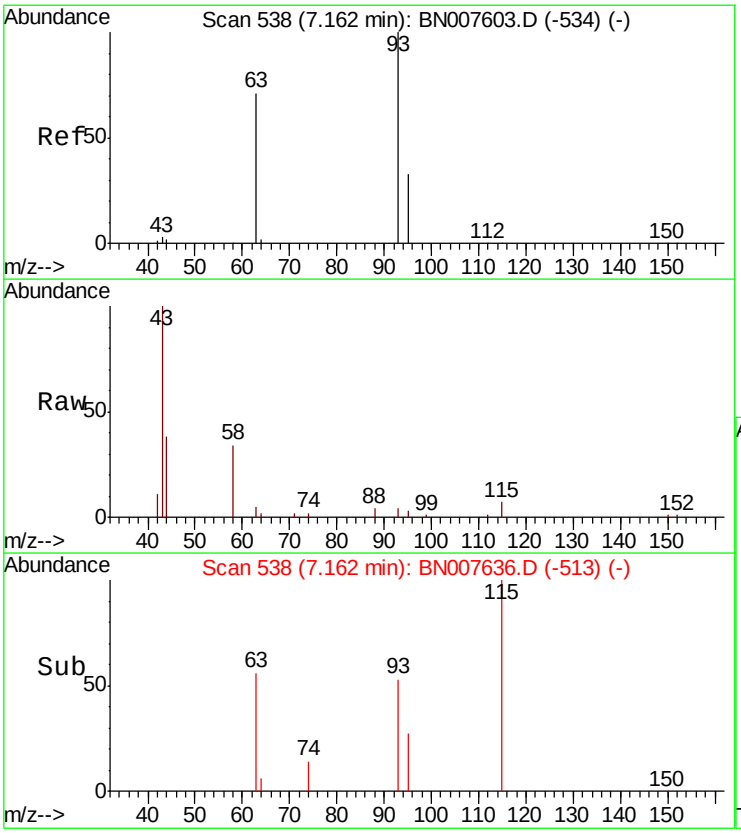
#5
Phenol-d6
Concen: 0.120 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion: 99 Resp: 3919

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.8	17.6
71	38.3	28.0	42.0

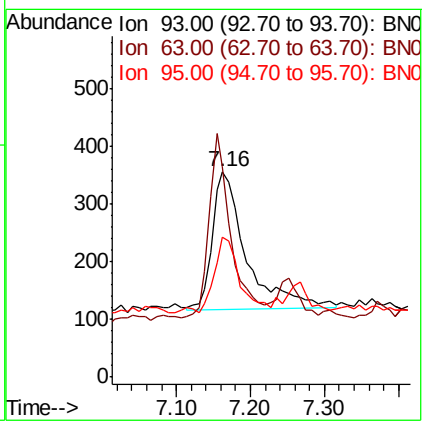


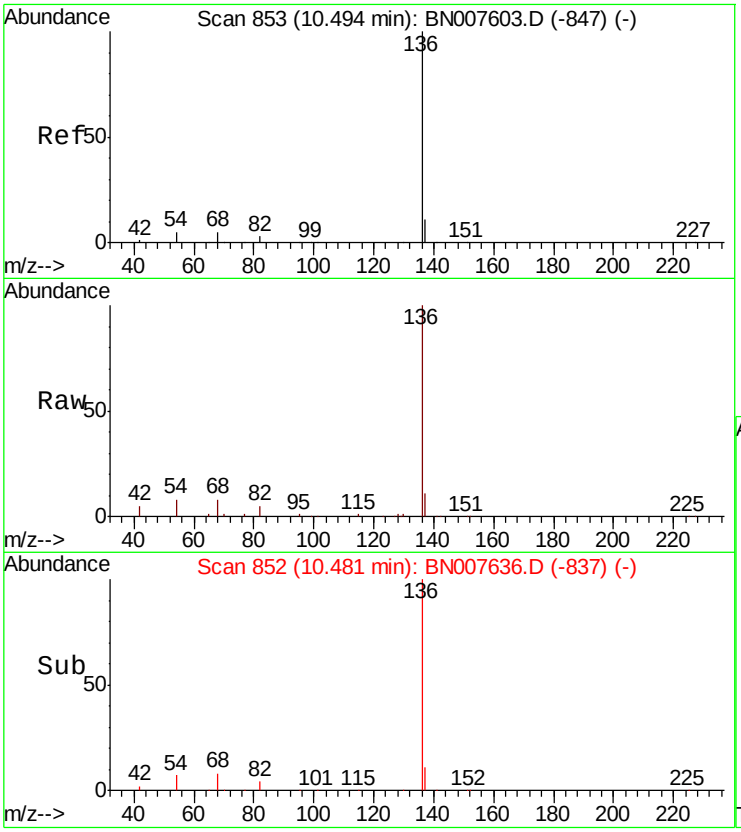


#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion: 93 Resp: 760

Ion	Ratio	Lower	Upper
93	100		
63	87.5	61.2	91.8
95	40.4	27.2	40.8



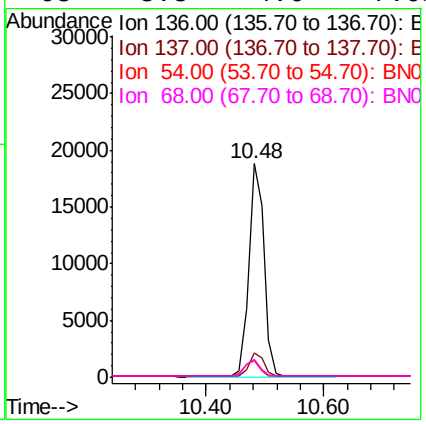


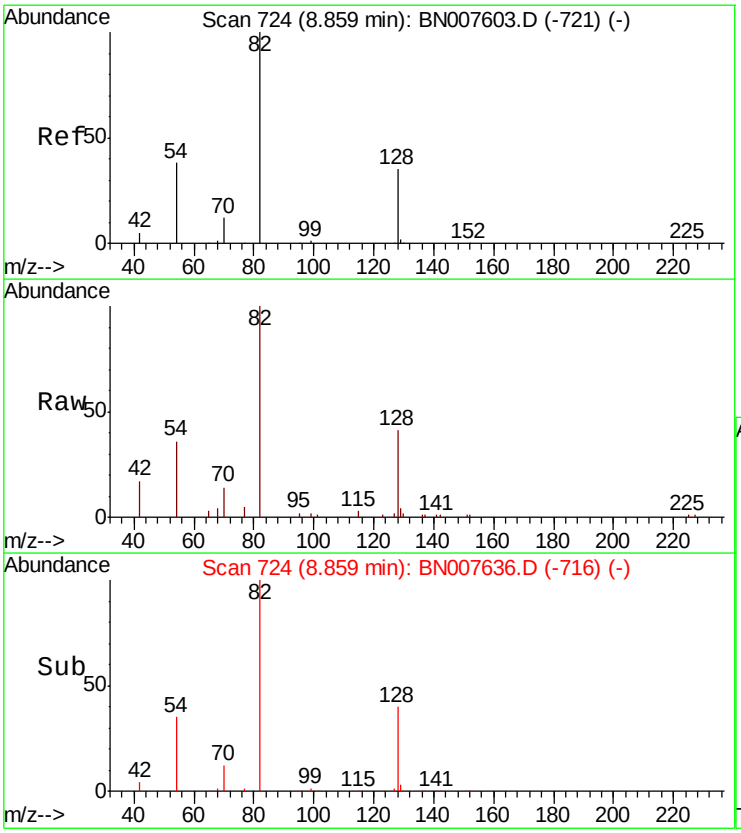
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:136 Resp: 33522

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.9	4.2	6.4#
68	8.3	4.6	7.0#

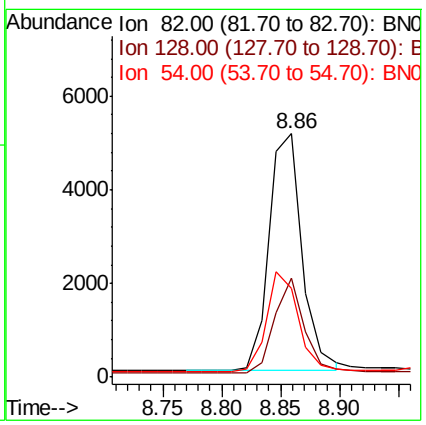


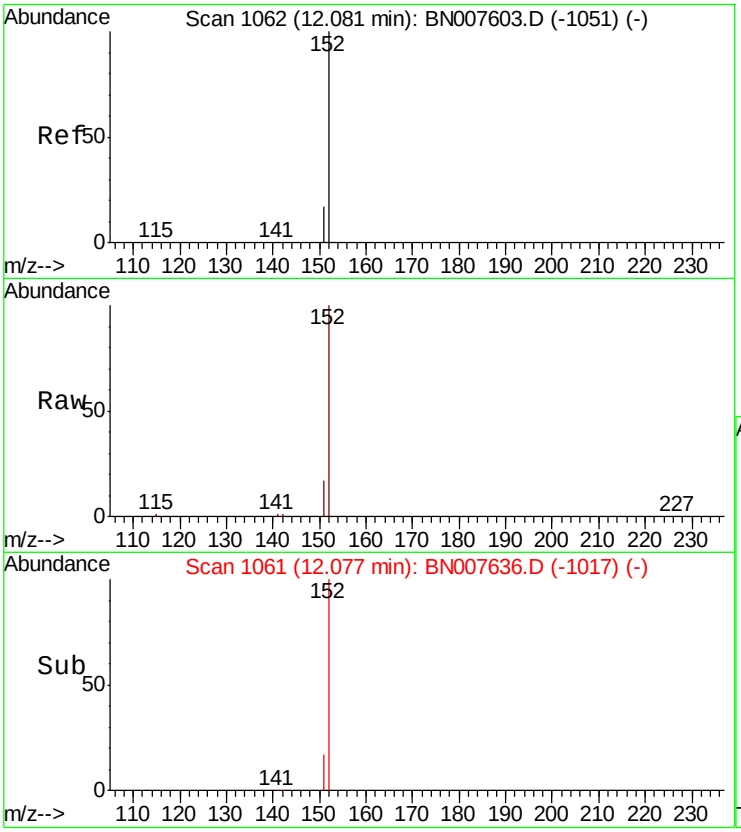


#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion: 82 Resp: 10037

Ion	Ratio	Lower	Upper
82	100		
128	40.9	27.9	41.9
54	36.4	30.9	46.3



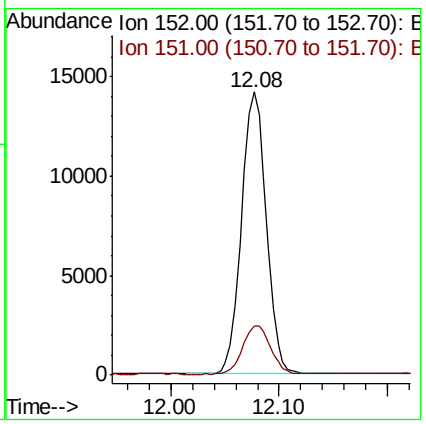


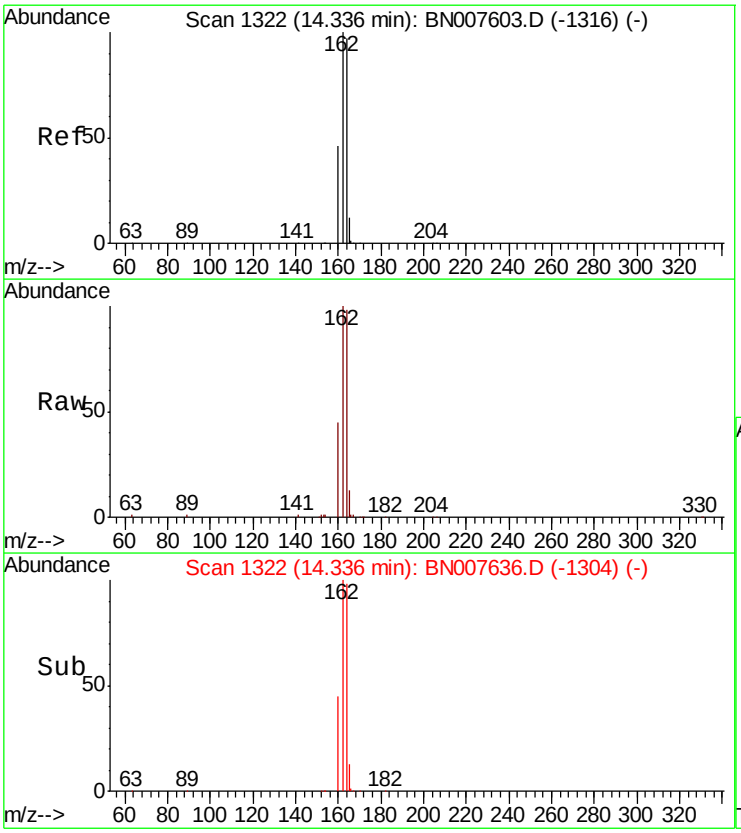
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:152 Resp: 22608

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

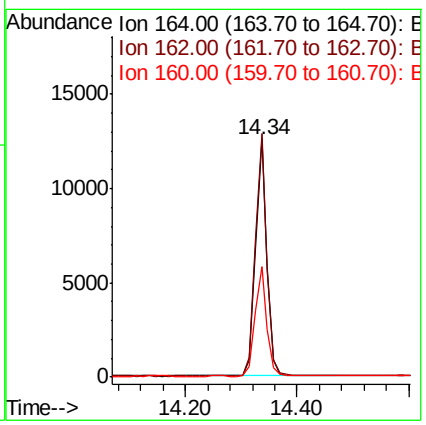


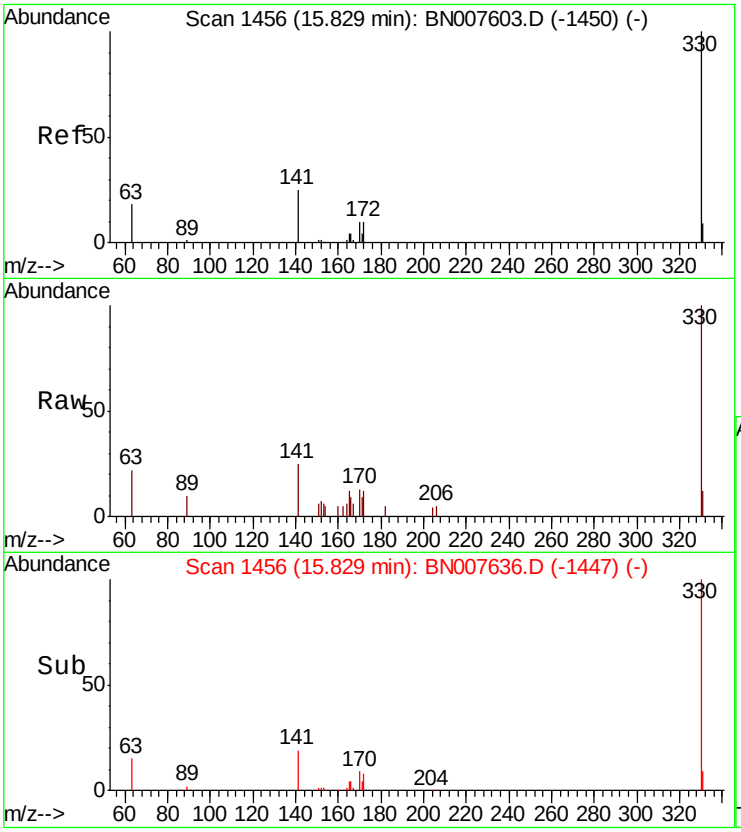


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:164 Resp: 18339

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.3	38.0	57.0



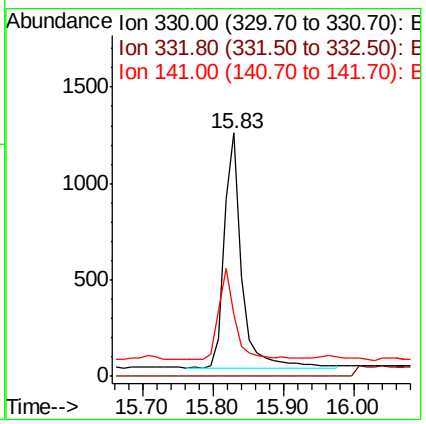


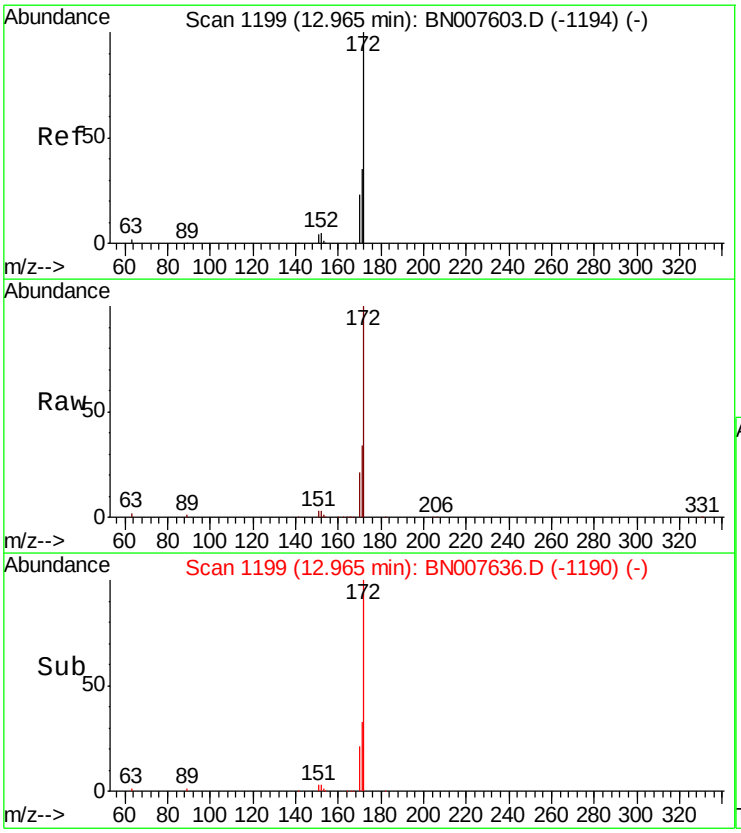
#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:330 Resp: 2122

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.5	30.1	45.1

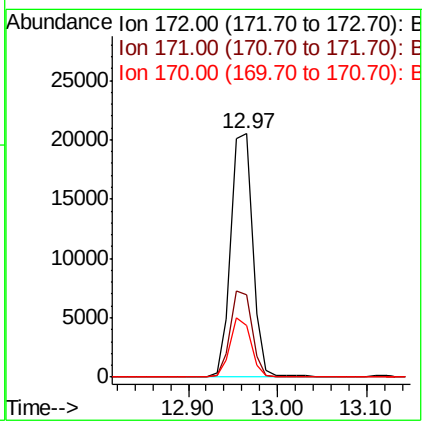


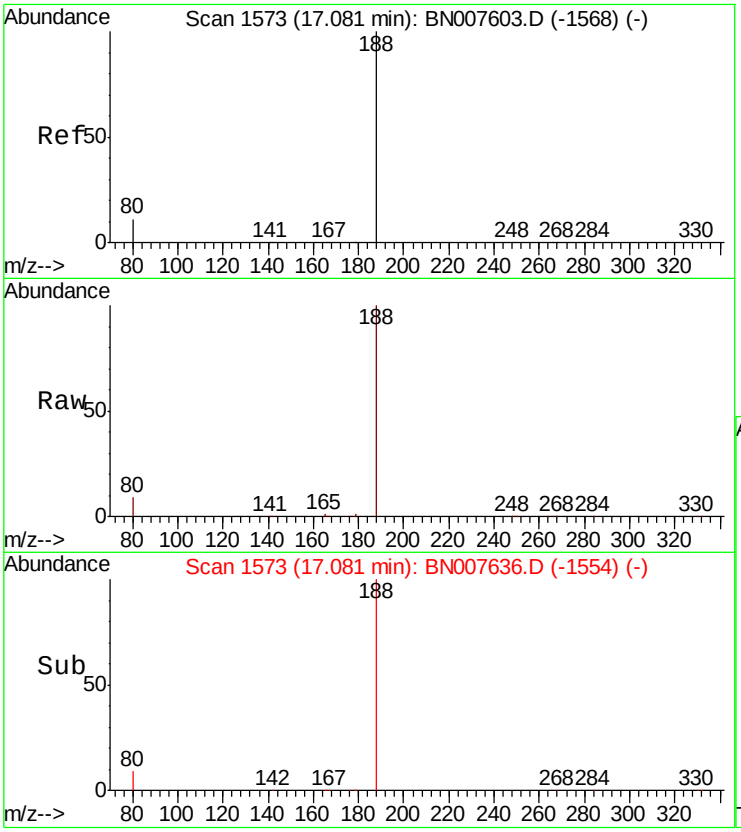


#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:172 Resp: 34691

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.9	41.9
170	21.2	18.5	27.7



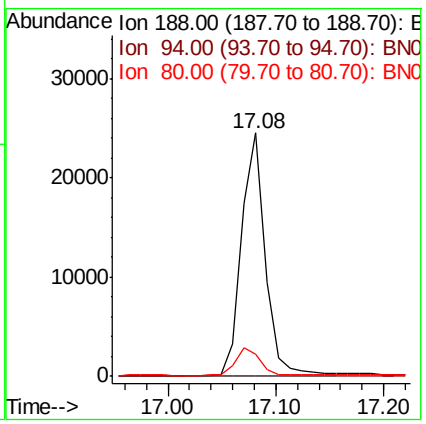


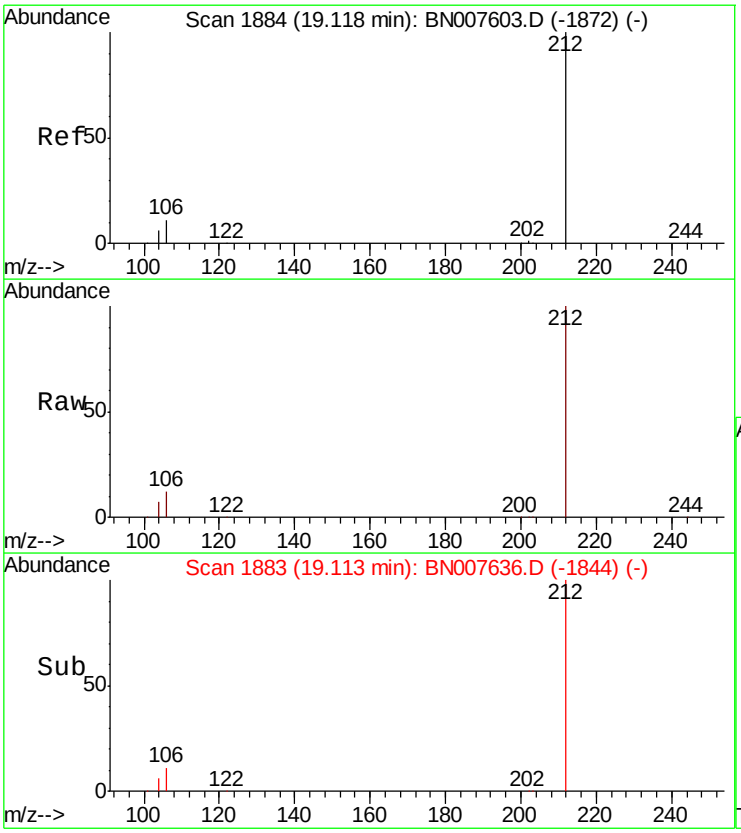
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:188 Resp: 37394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	8.8	13.2

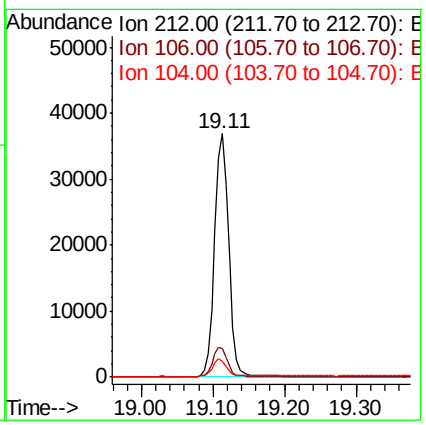


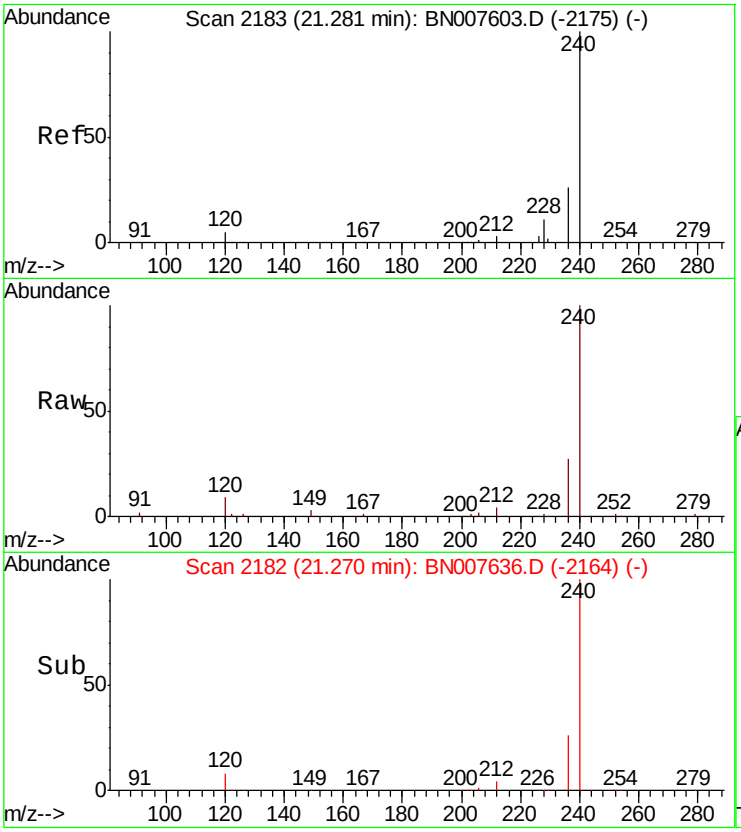


#25
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:212 Resp: 49966

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.6	14.4
104	6.9	5.4	8.0



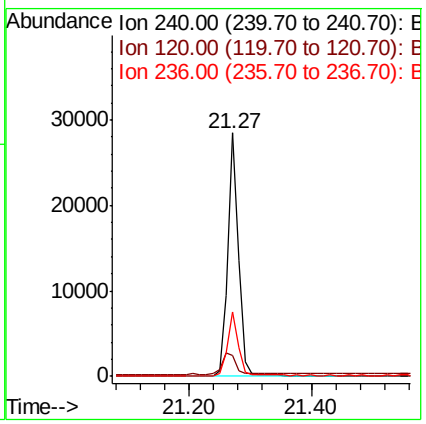


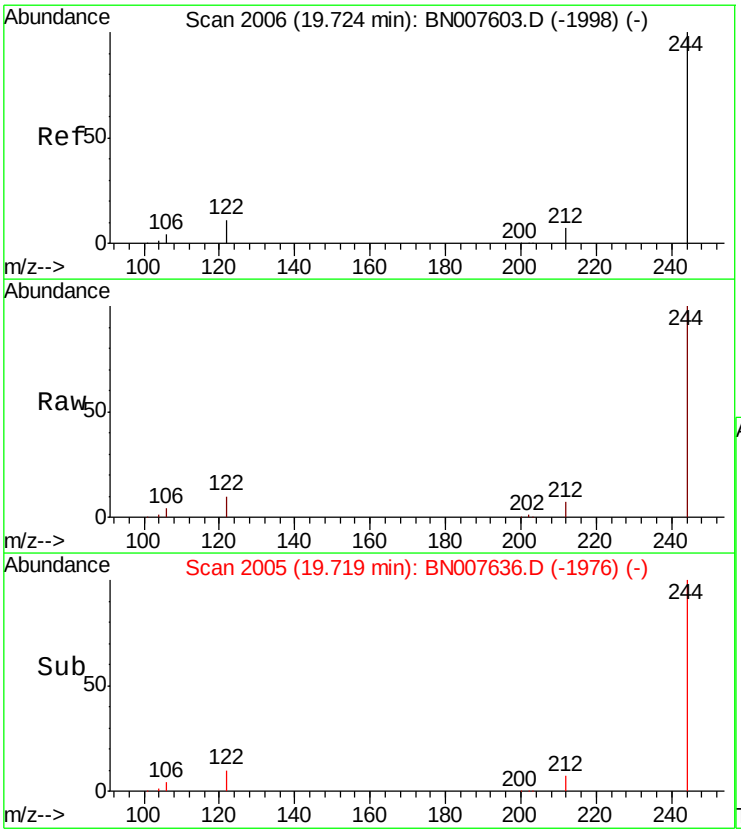
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:240 Resp: 34835

Ion	Ratio	Lower	Upper
240	100		
120	8.7	4.3	6.5#
236	26.7	20.8	31.2

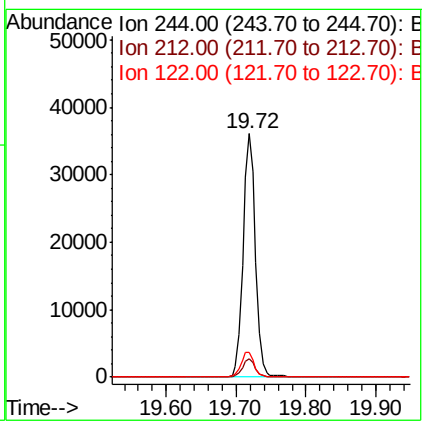


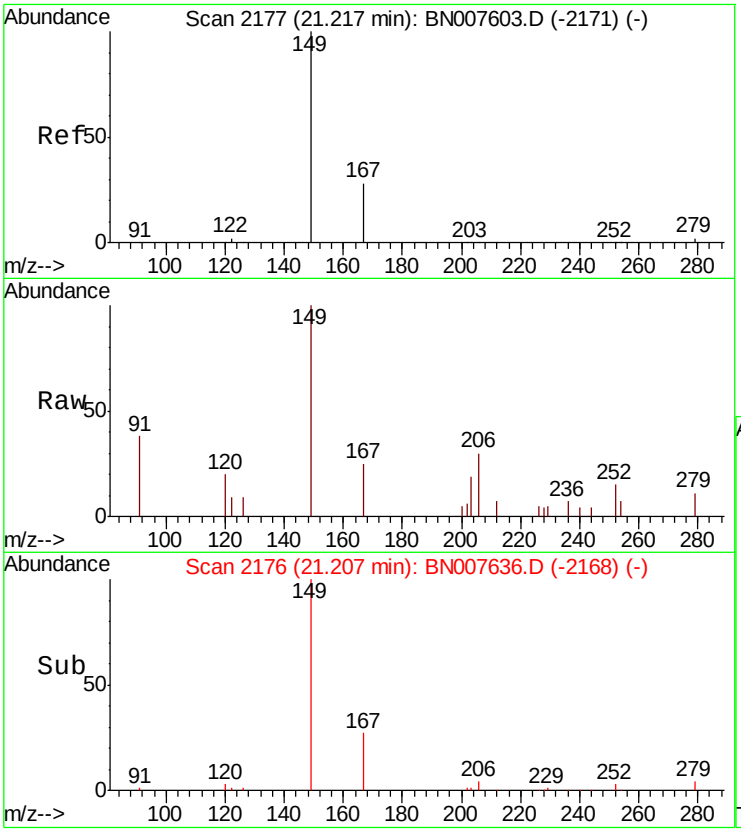


#29
Terphenyl-d14
Concen: 0.480 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:244 Resp: 44089

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.2	8.6	12.8



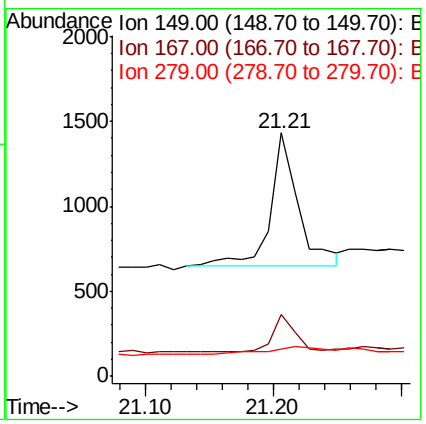


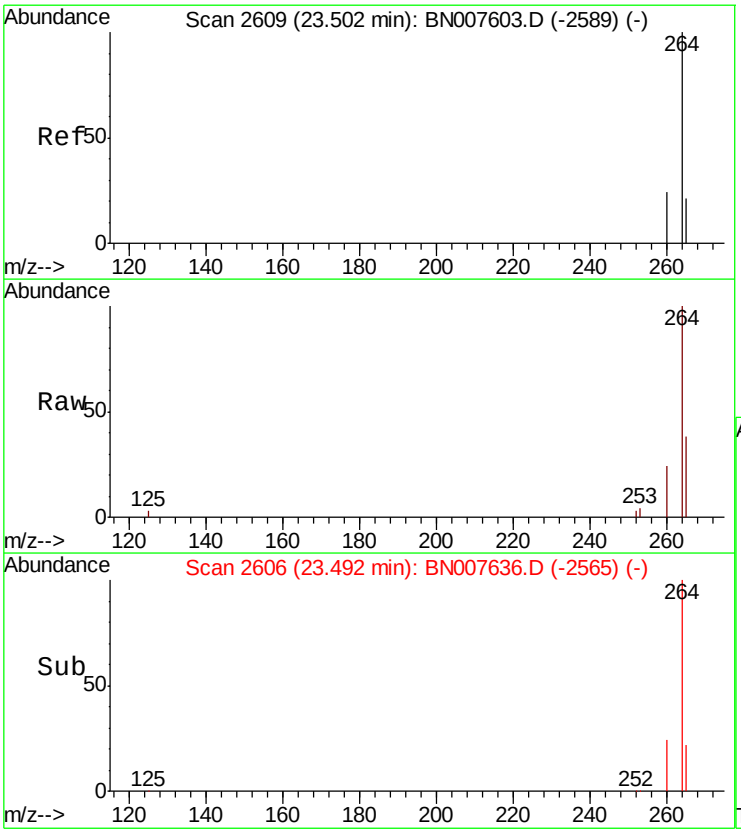
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007636.D
Acq: 13 Sep 2019 20:37

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909

Tgt Ion:149 Resp: 1193

Ion	Ratio	Lower	Upper
149	100		
167	23.0	22.6	34.0
279	12.3	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: BN007636.D
Acq: 13 Sep 2019 20:37

Tgt Ion:264 Resp: 33501

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	38.4	24.6	37.0#