Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007637.D
Acq On : 13 Sep 2019 21:13
Operator : HP/JU
Sample : K4858-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 04:38:56 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

Instrument :
BNA_N
ClientSampleId :
RE125D1-20190910

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9114	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34948	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19153	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38586	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36772	0.40	ng	-0.01
34) Perylene-d12	23.49	264	34819	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3472	0.12	ng	0.00
5) Phenol-d6	6.90	99	2716	0.08	ng	0.00
8) Nitrobenzene-d5	8.86	82	8992	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	20625	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2069	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	31312	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	46274	0.38	ng	0.00
29) Terphenyl-d14	19.72	244	53964	0.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	71362	6.535	ng	88
3) n-Nitrosodimethylamine	3.03	42	182929	36.914	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	544m	0.020	ng	
32) Bis(2-ethylhexyl)phthalate	21.21	149	1520	0.034	ng	94

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

Quantitation Report (QT Reviewed)

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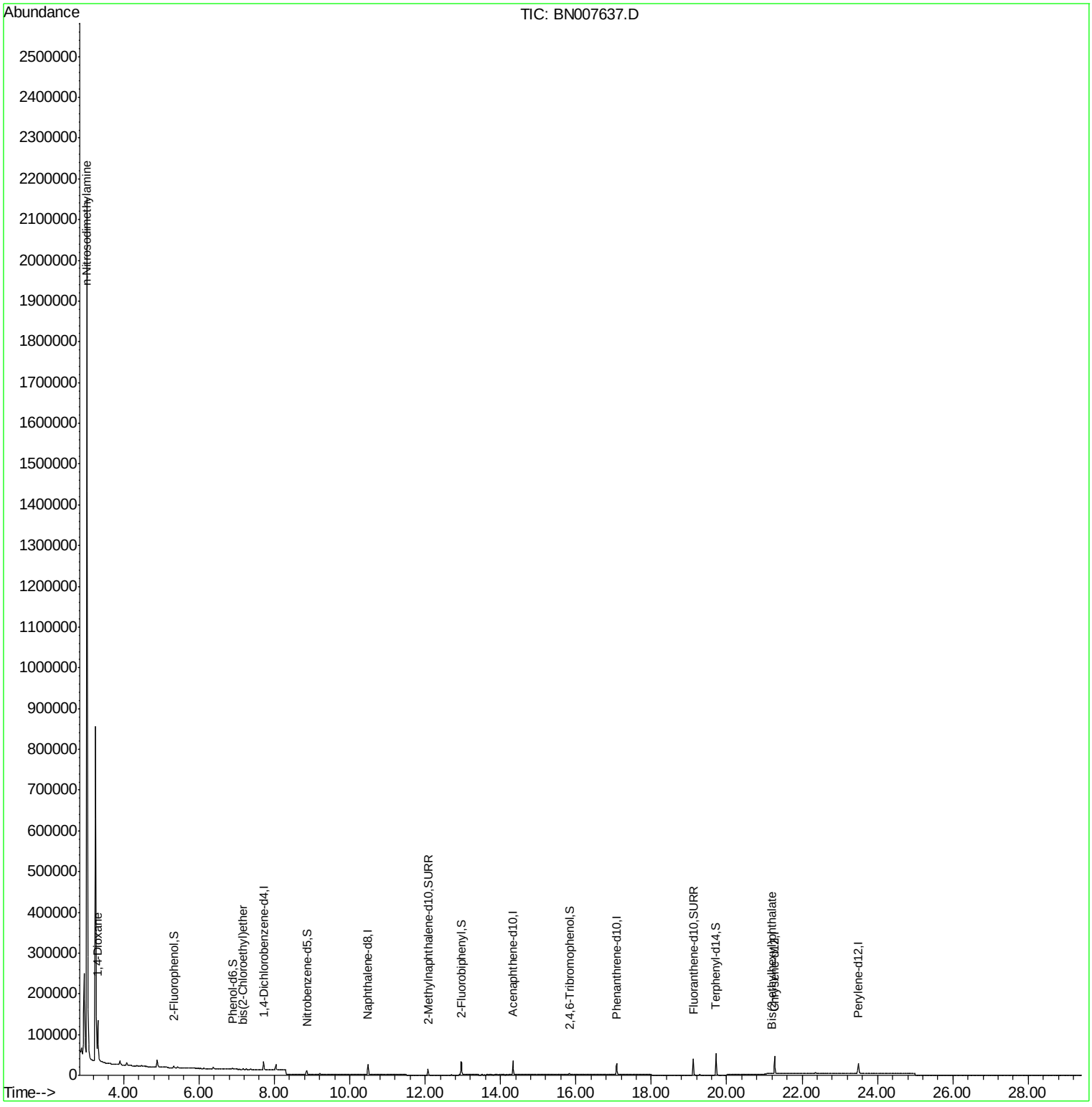
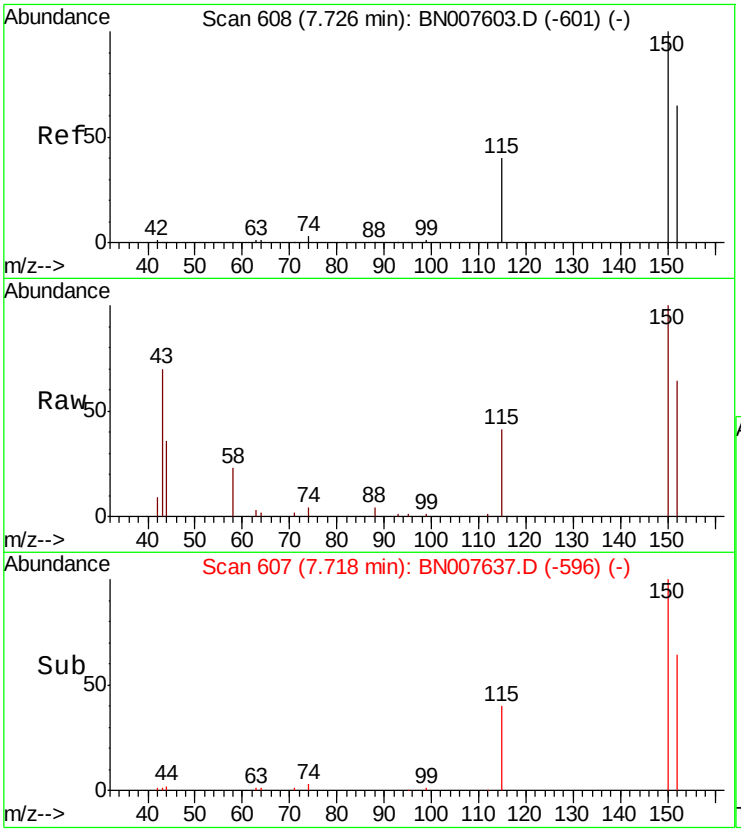
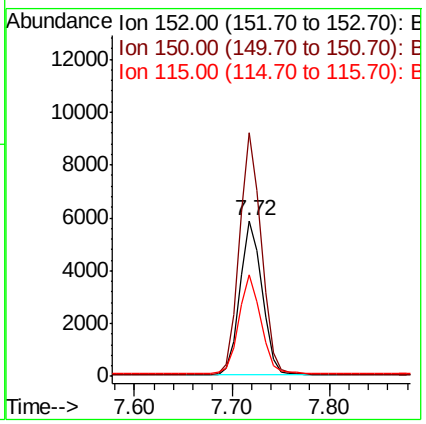




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:152 Resp: 9114

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.4	183.6
115	65.0	50.4	75.6



Instrument :
BNA_N
ClientSampleId :
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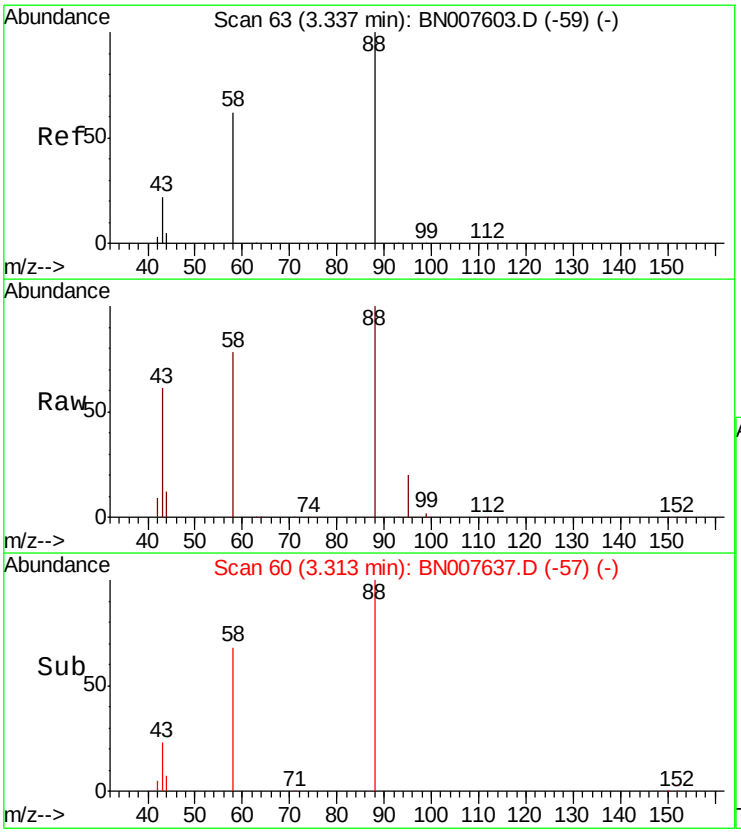
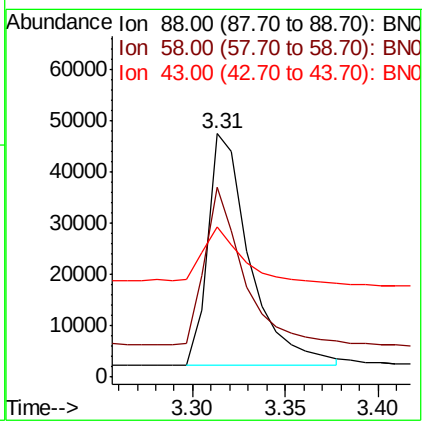
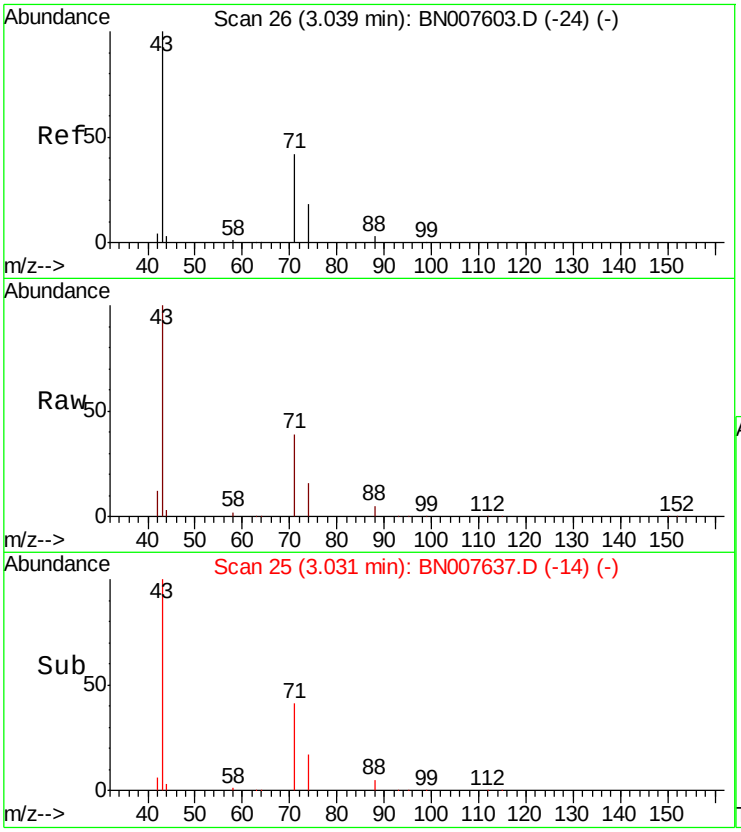


#2
1,4-Dioxane
Concen: 6.535 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion: 88 Resp: 71362

Ion	Ratio	Lower	Upper
88	100		
58	59.9	57.0	85.4
43	22.0	20.0	30.0





#3
n-Nitrosodimethylamine
Concen: 36.914 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion: 42 Resp: 182929

Ion	Ratio	Lower	Upper
42	100		
74	145.0	9.8	14.8#
44	26.4	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
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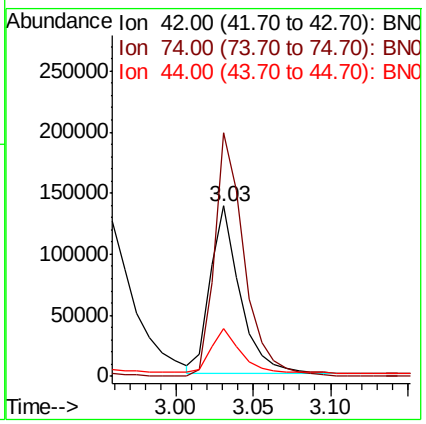
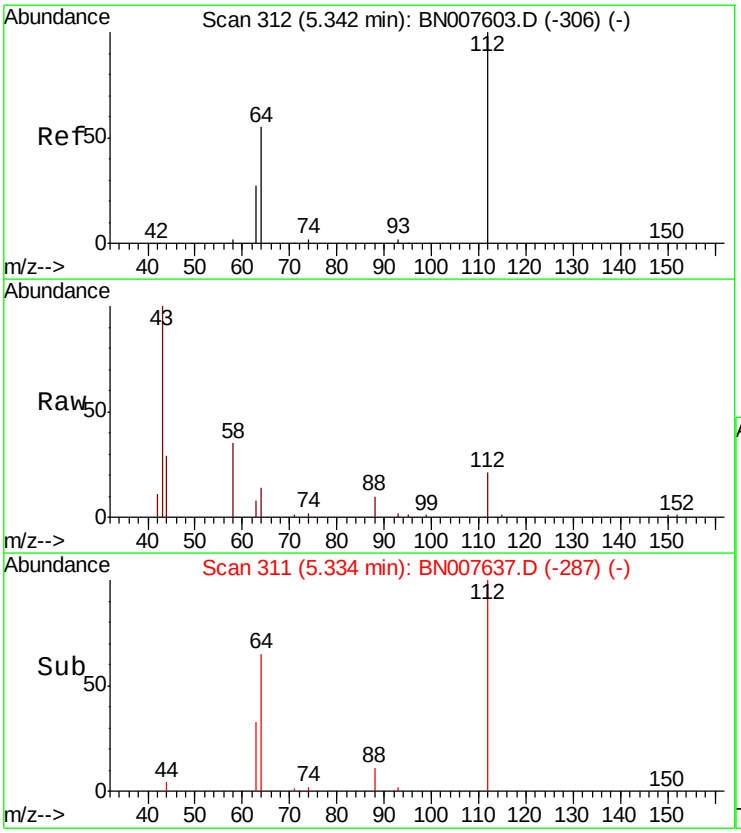
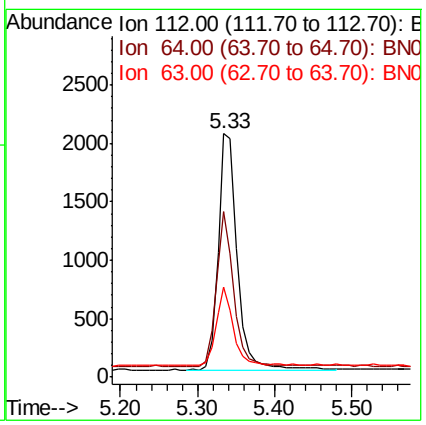


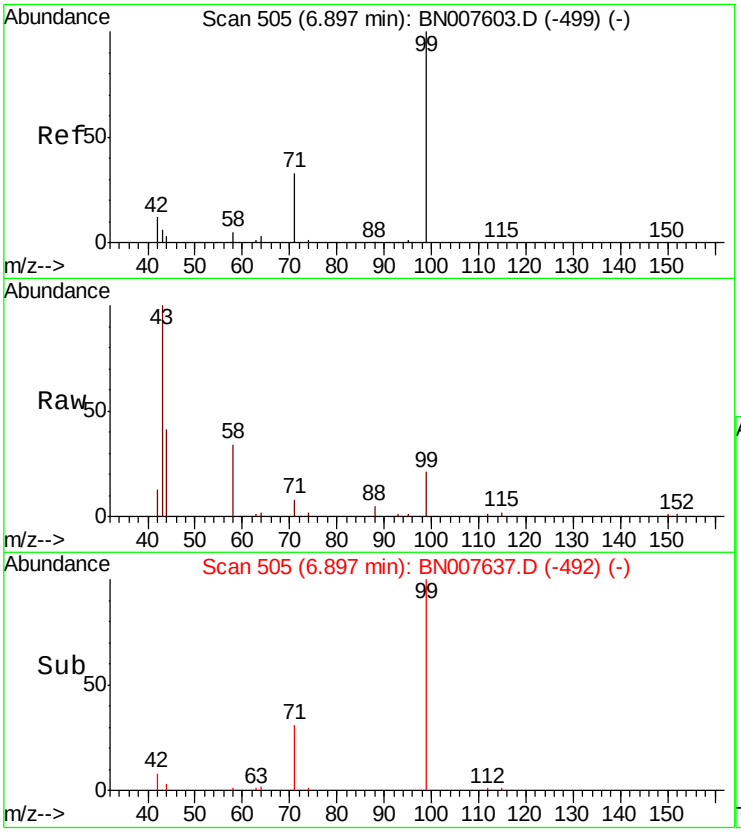


#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:112 Resp: 3472

Ion	Ratio	Lower	Upper
112	100		
64	61.7	48.5	72.7
63	30.2	24.4	36.6





#5
Phenol-d6
Concen: 0.083 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion: 99 Resp: 2716

Ion	Ratio	Lower	Upper
99	100		
42	24.5	11.8	17.6#
71	38.6	28.0	42.0

Instrument :
BNA_N
ClientSampleId :
RE125D1-20190910

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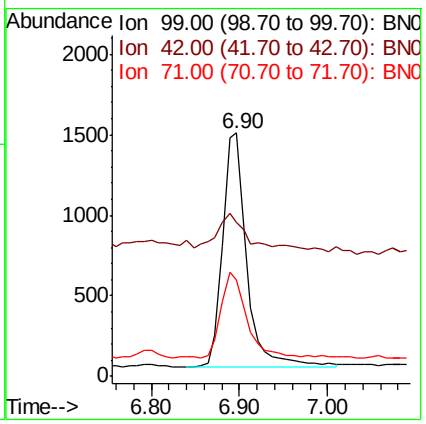
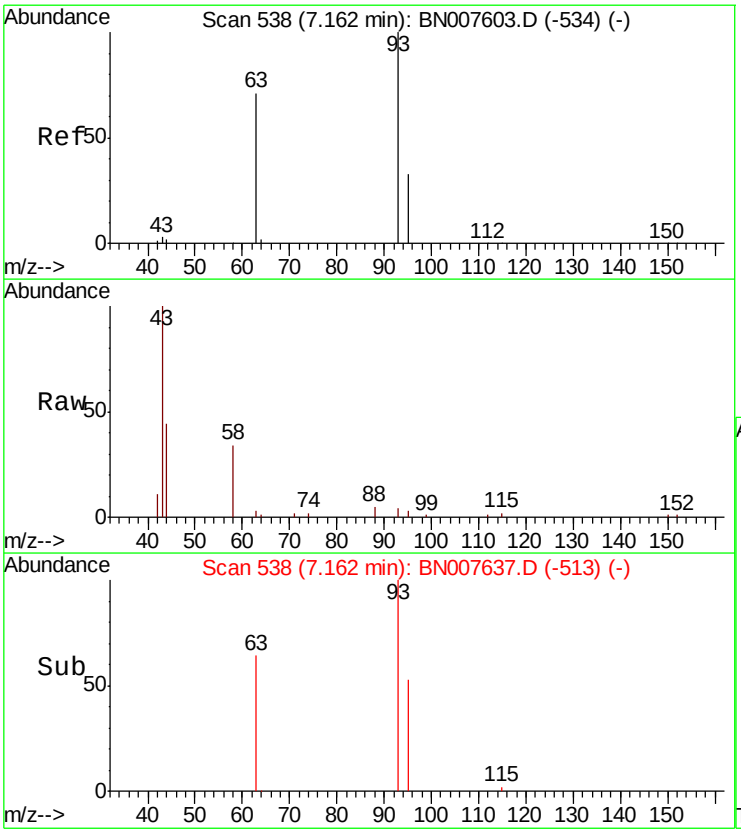
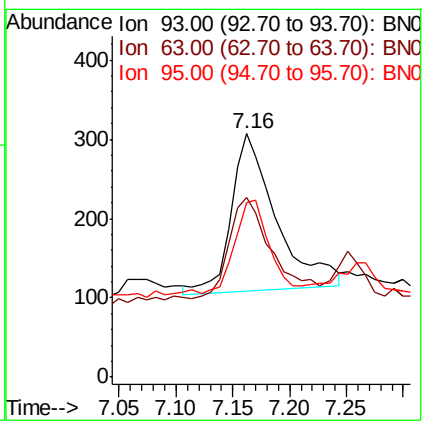


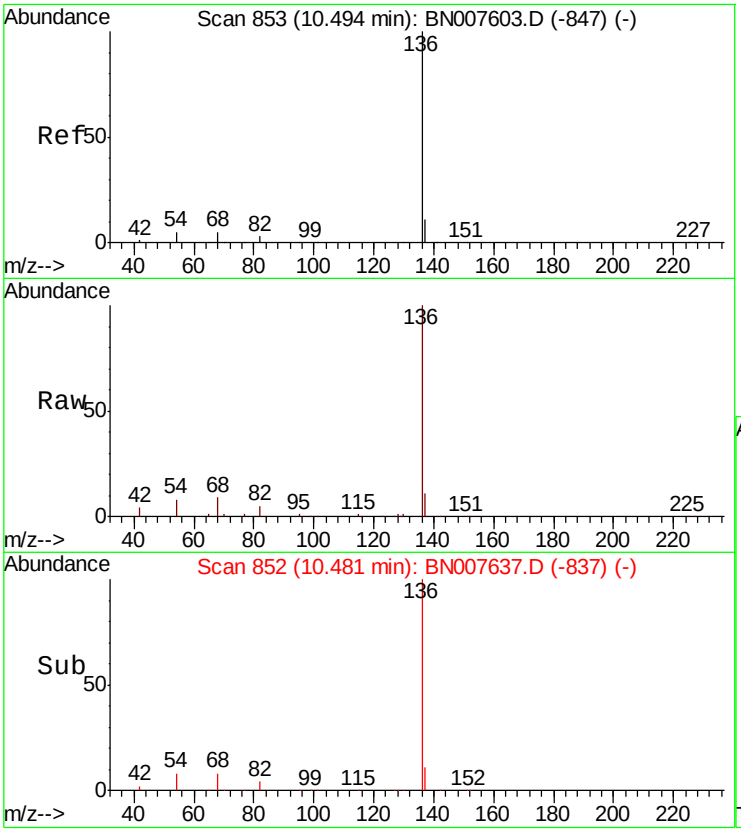


#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng m
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion: 93 Resp: 544

Ion	Ratio	Lower	Upper
93	100		
63	3.3	61.2	91.8#
95	1.5	27.2	40.8#

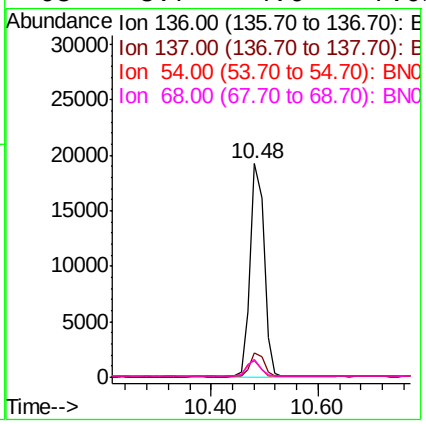




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:136 Resp: 34948

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	4.2	6.4#
68	8.7	4.6	7.0#



Instrument :
BNA_N
ClientSampleId :
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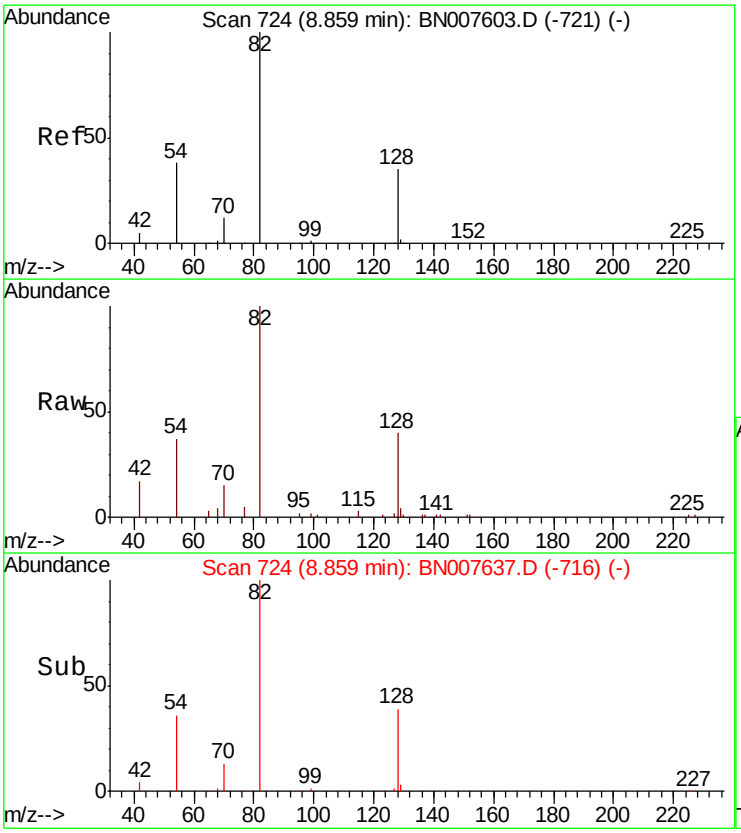
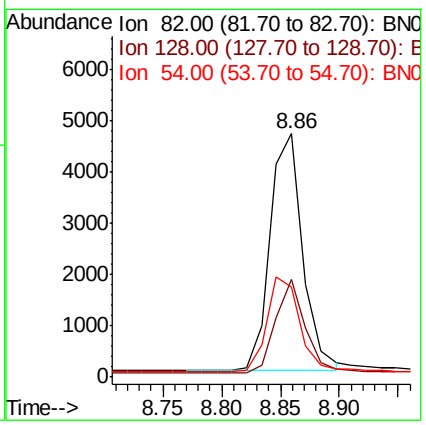
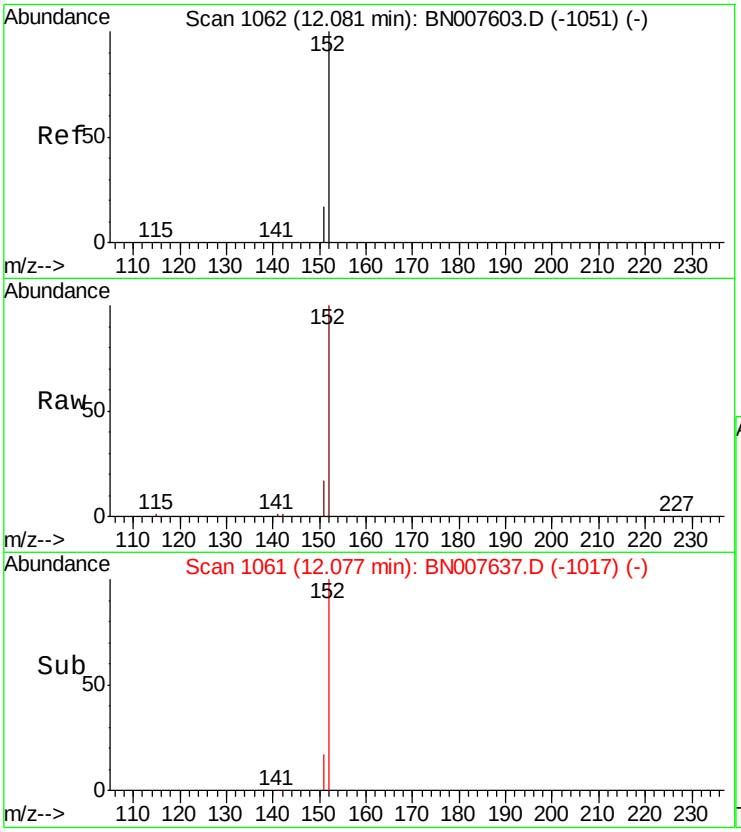


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion: 82 Resp: 8992

Ion	Ratio	Lower	Upper
82	100		
128	40.1	27.9	41.9
54	37.1	30.9	46.3





#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:152 Resp: 20625

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

Instrument :
BNA_N
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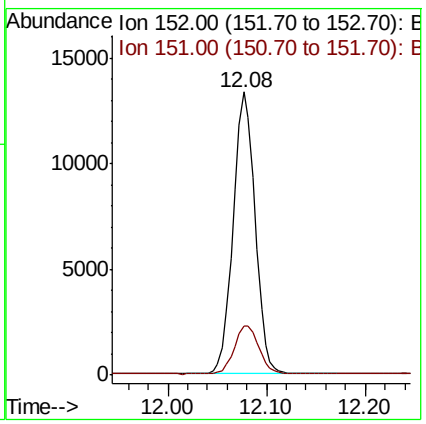
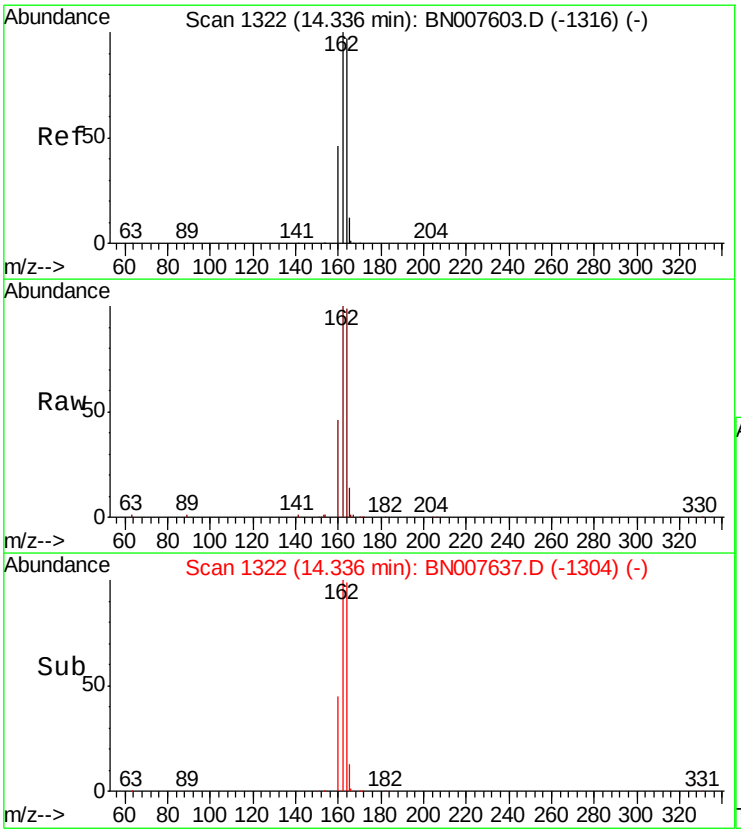
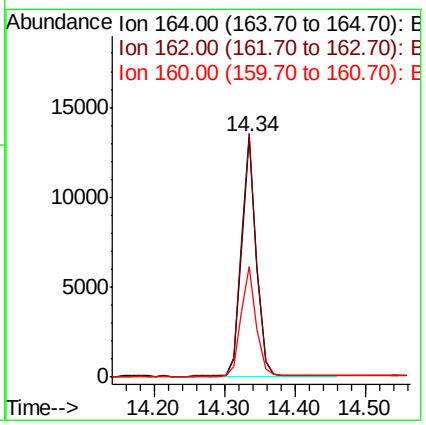


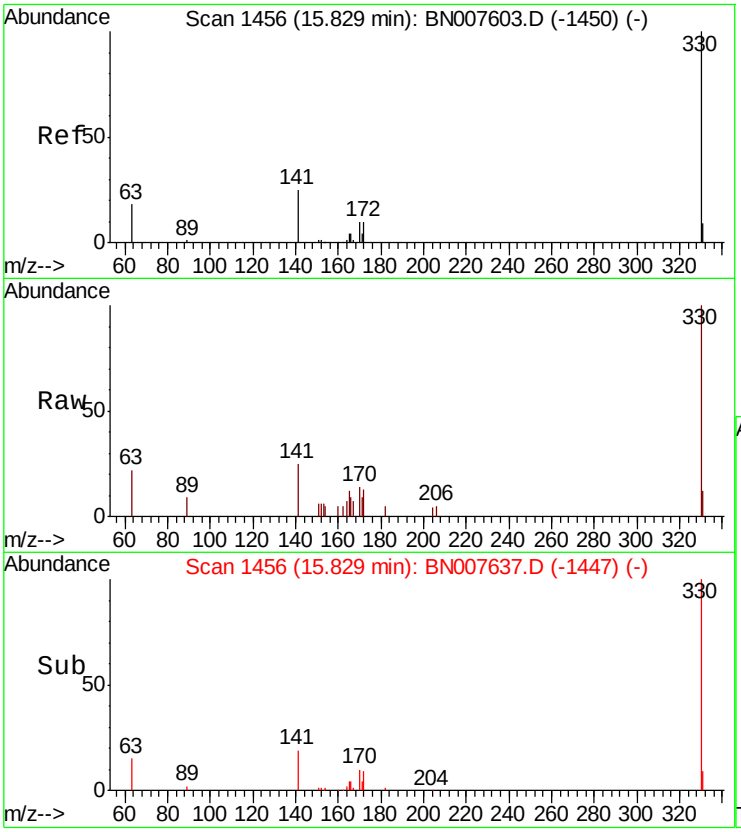


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:164 Resp: 19153

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	46.1	38.0	57.0

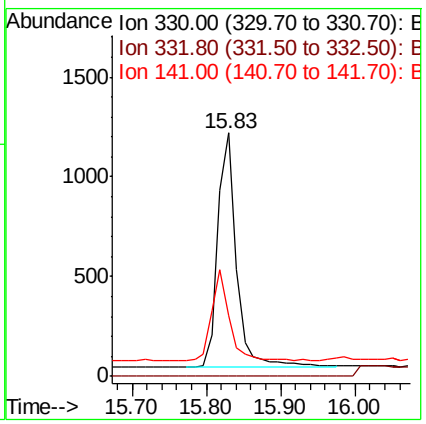




#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:330 Resp: 2069

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	30.1	45.1



Instrument :
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ClientSampleId :
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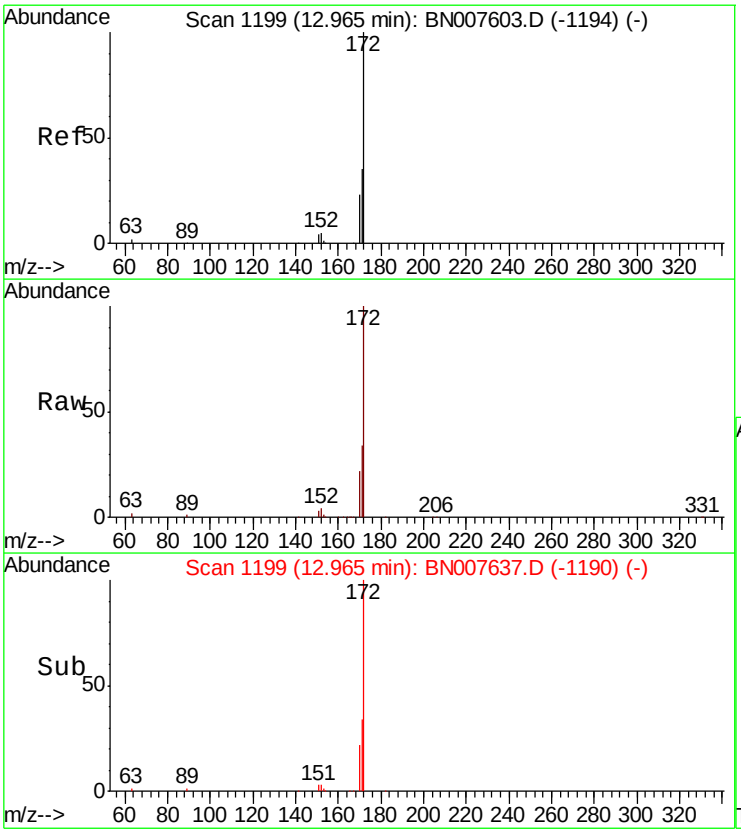
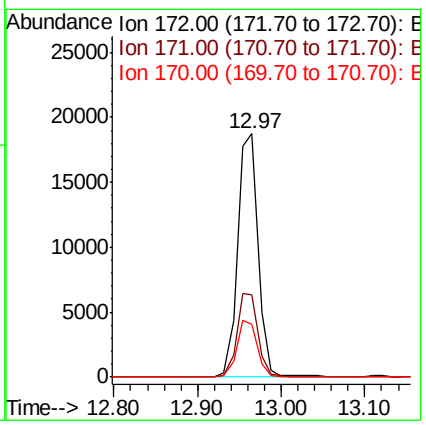
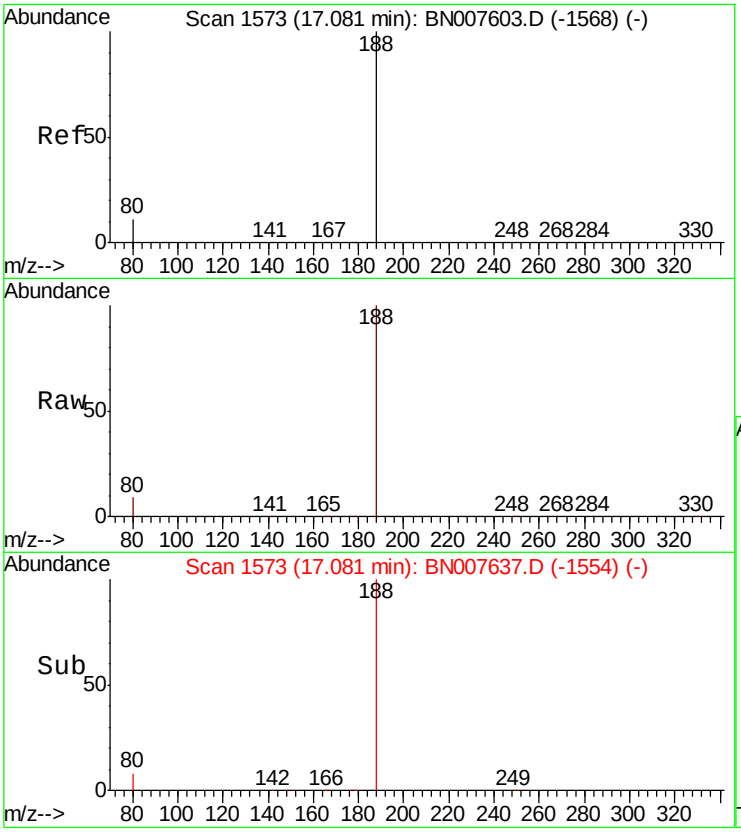


#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:172 Resp: 31312

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.9	41.9
170	21.8	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: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:188 Resp: 38586

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	8.8	13.2#

Instrument :
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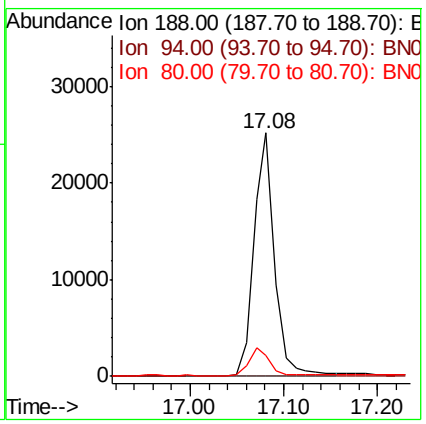
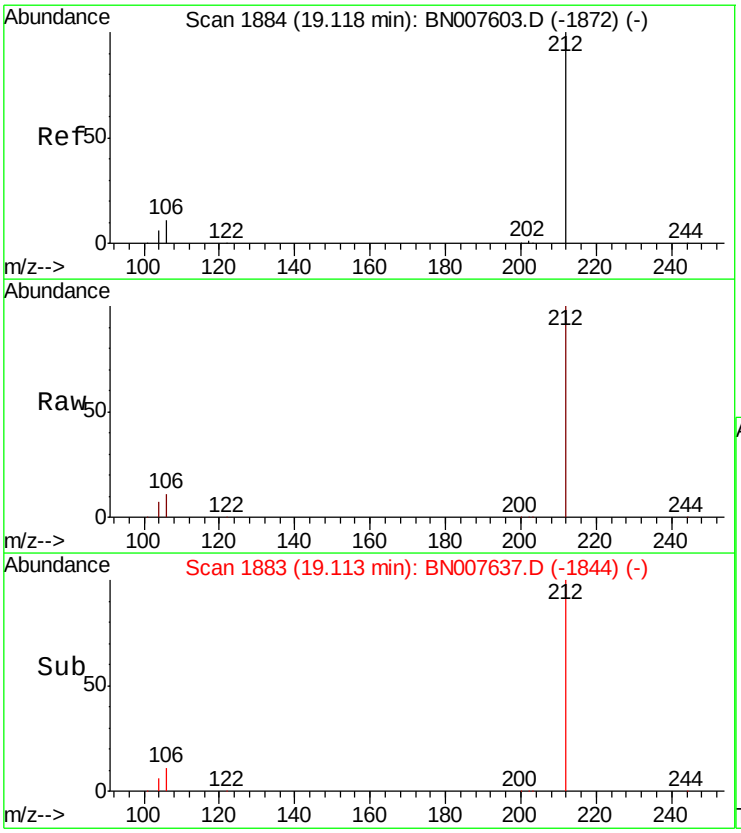
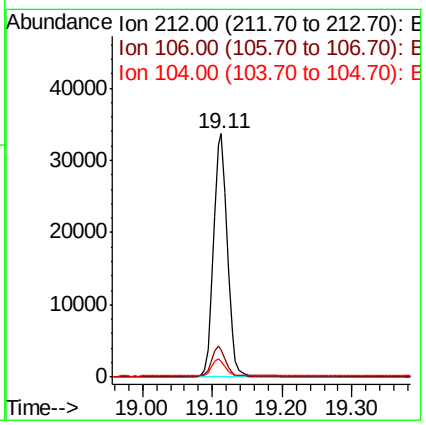


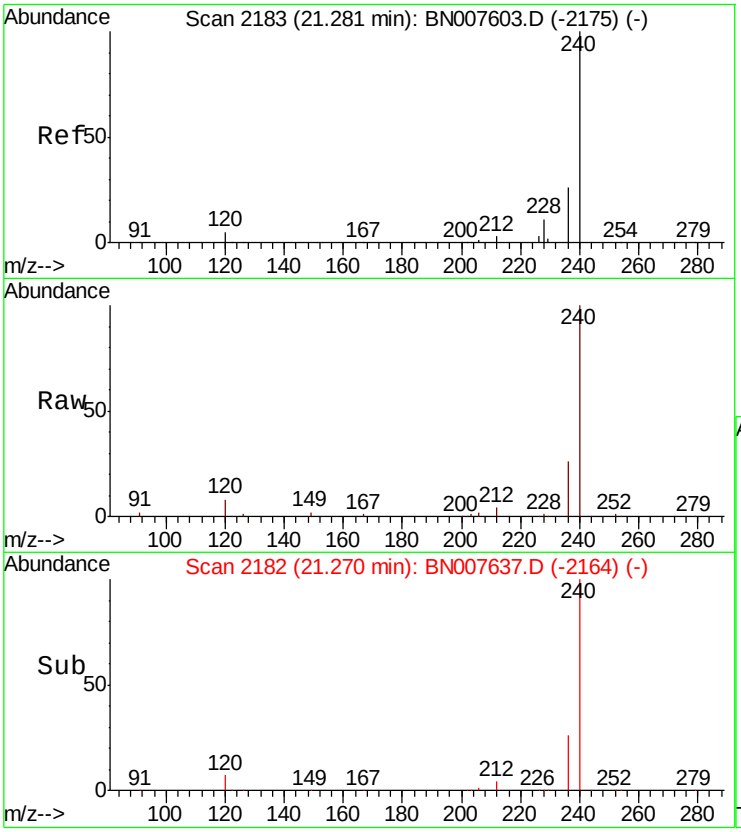


#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:212 Resp: 46274

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.6	14.4
104	6.8	5.4	8.0

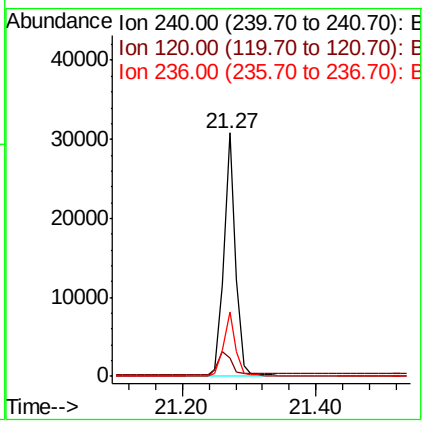




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:240 Resp: 36772

Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.3	6.5#
236	26.2	20.8	31.2



Instrument :
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ClientSampleId :
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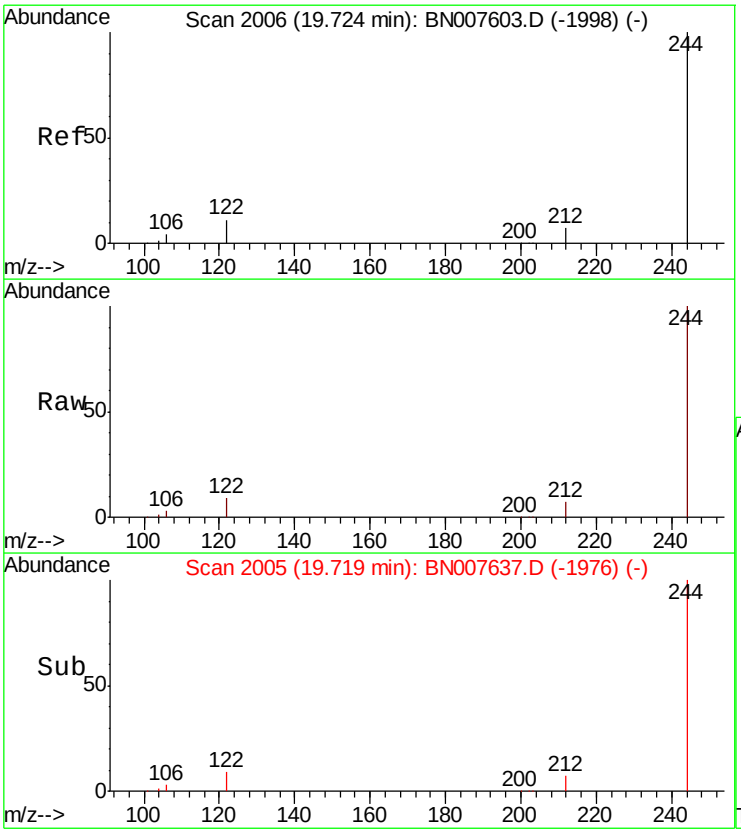
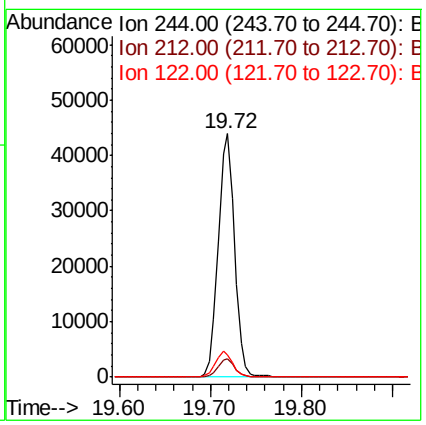
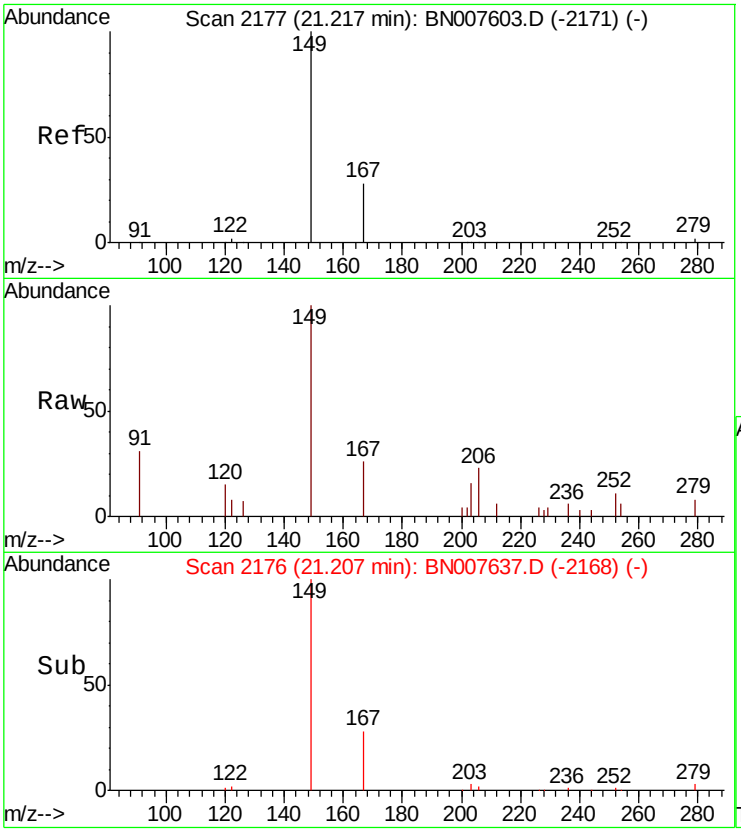


#29
Terphenyl-d14
Concen: 0.557 ng
RT: 19.72 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:244 Resp: 53964

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.3	8.6	12.8





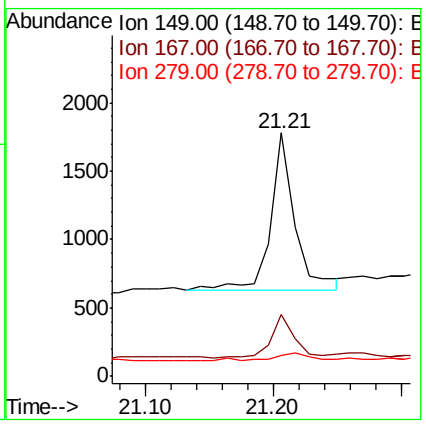
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

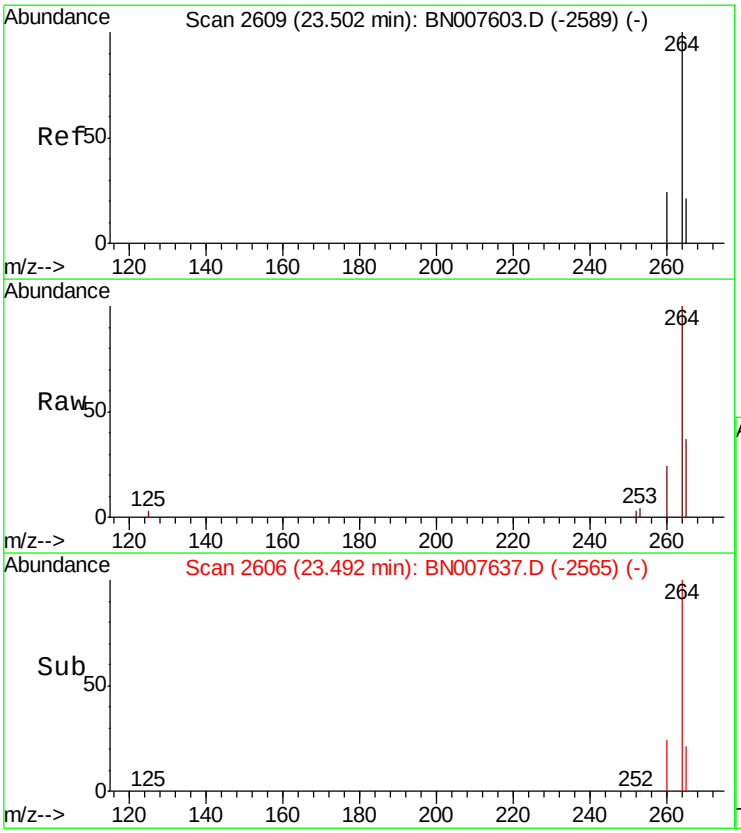
Tgt Ion:149 Resp: 1520

Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.6	34.0
279	5.6	3.8	5.6

Instrument :
BNA_N
ClientSampleId :
RE125D1-20190910

Manual Integrations APPROVED
Jagrut
9/17/2019 9:32:45 AM





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BN007637.D
Acq: 13 Sep 2019 21:13

Tgt Ion:264 Resp: 34819

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	36.9	24.6	37.0