Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007653.D
Acq On : 14 Sep 2019 07:58
Operator : HP/JU
Sample : K4858-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE135D3-20190910

Quant Time: Sep 16 01:37:57 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	9067	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34574	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	18669	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38698	0.40	ng	0.00
27) Chrysene-d12	21.27	240	34935	0.40	ng	0.00
34) Perylene-d12	23.49	264	35790	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3496	0.12	ng	0.00
5) Phenol-d6	6.89	99	2794	0.09	ng	0.00
8) Nitrobenzene-d5	8.85	82	8990	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	21207	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1832	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	31947	0.39	ng	0.00
25) Fluoranthene-d10	19.11	212	45966	0.38	ng	0.00
29) Terphenyl-d14	19.72	244	41813	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1579	0.145	ng	# 68
3) n-Nitrosodimethylamine	3.03	42	174790	35.454	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	1304	0.031	ng	# 99

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
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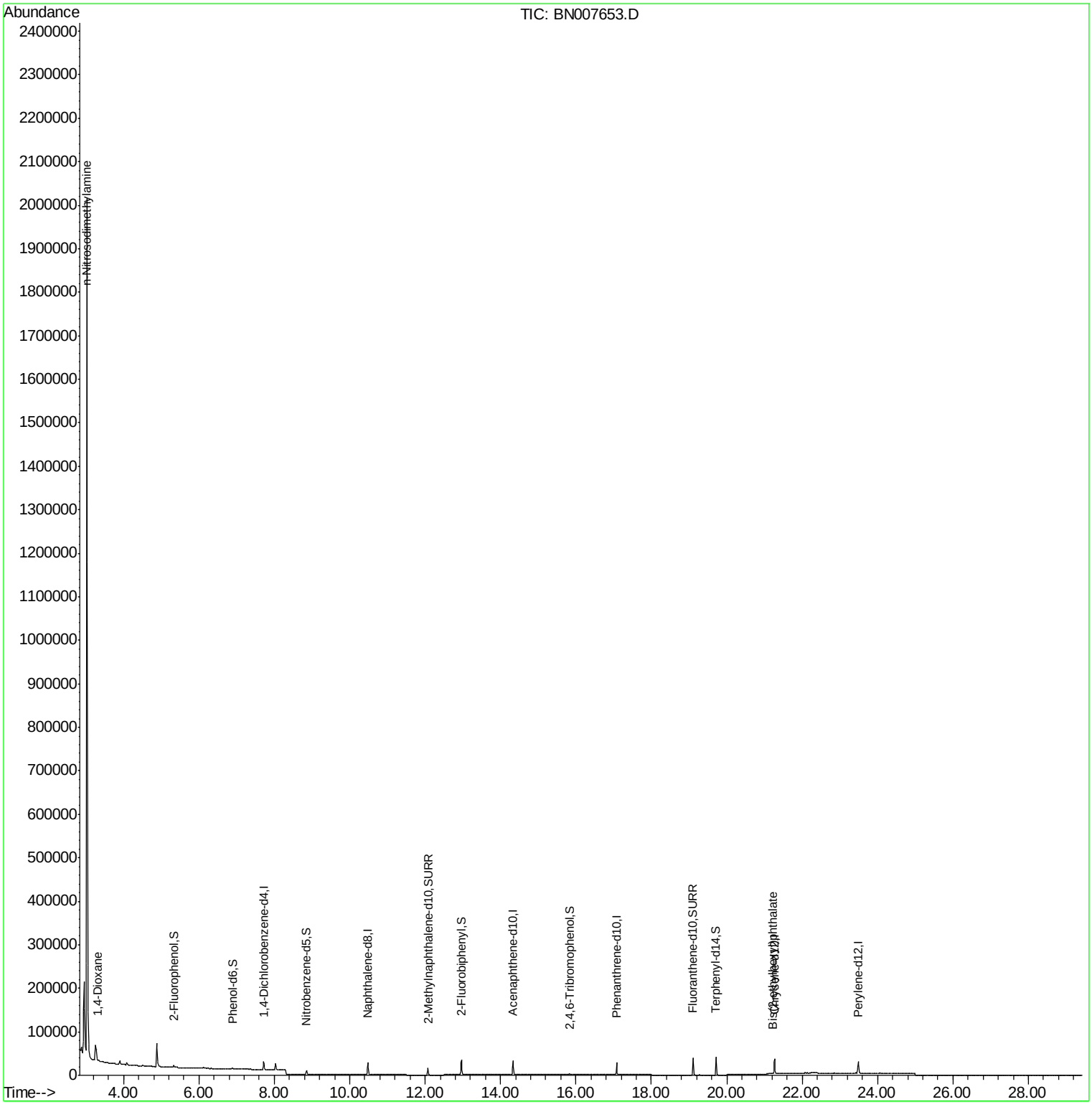
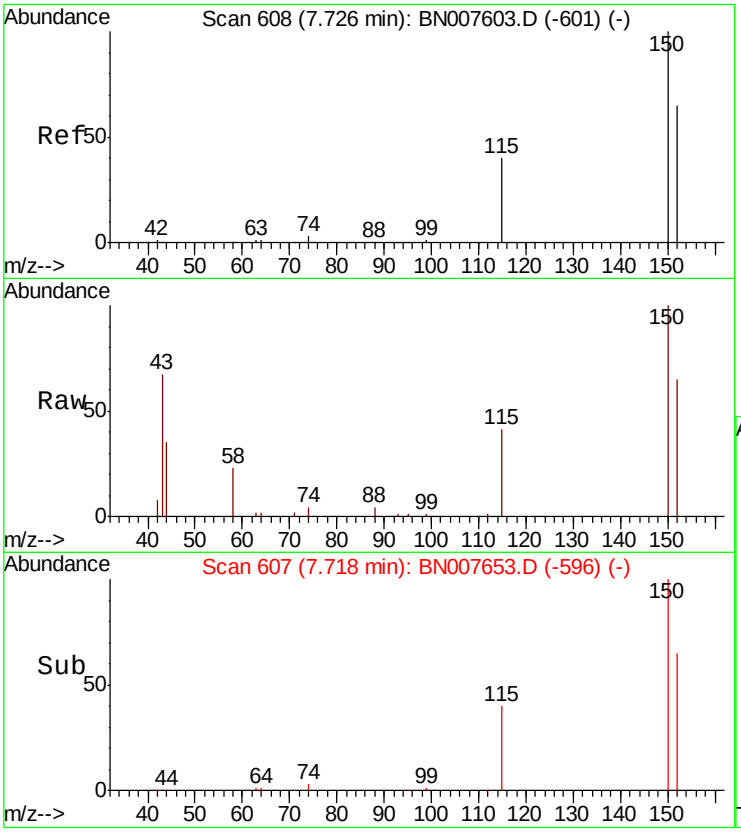


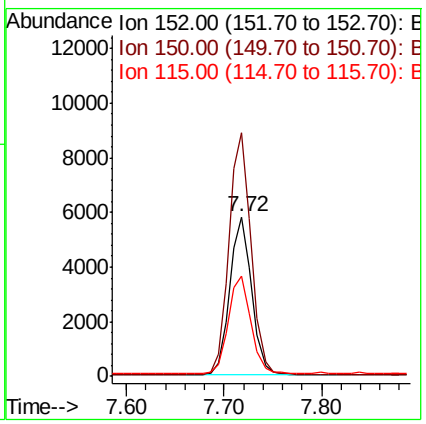


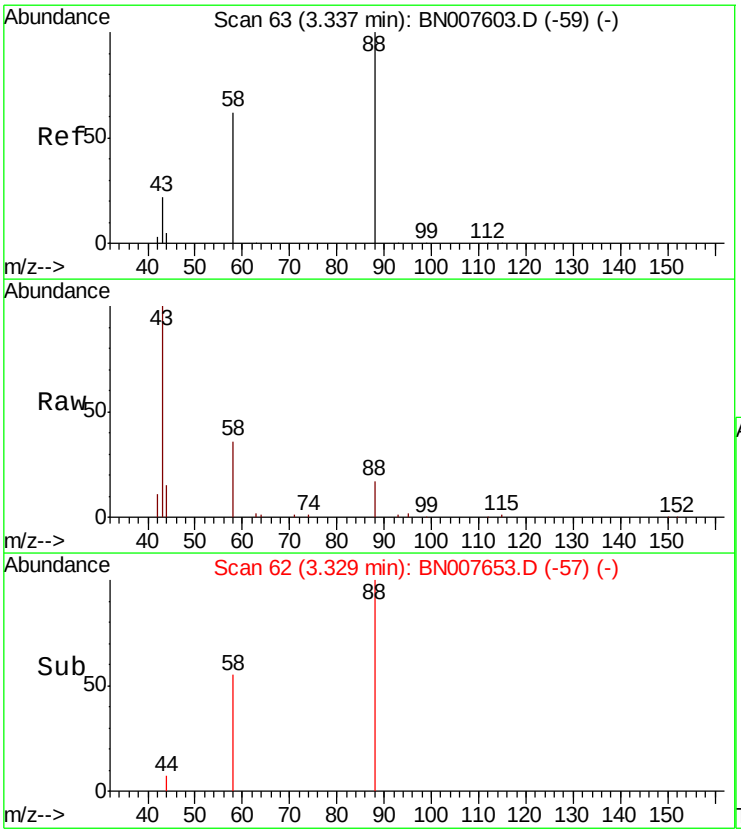
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion:152 Resp: 9067

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.4	183.6
115	62.7	50.4	75.6

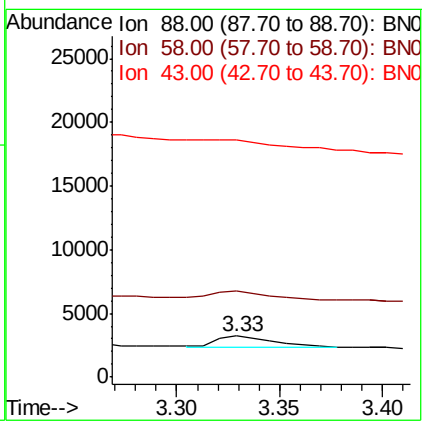


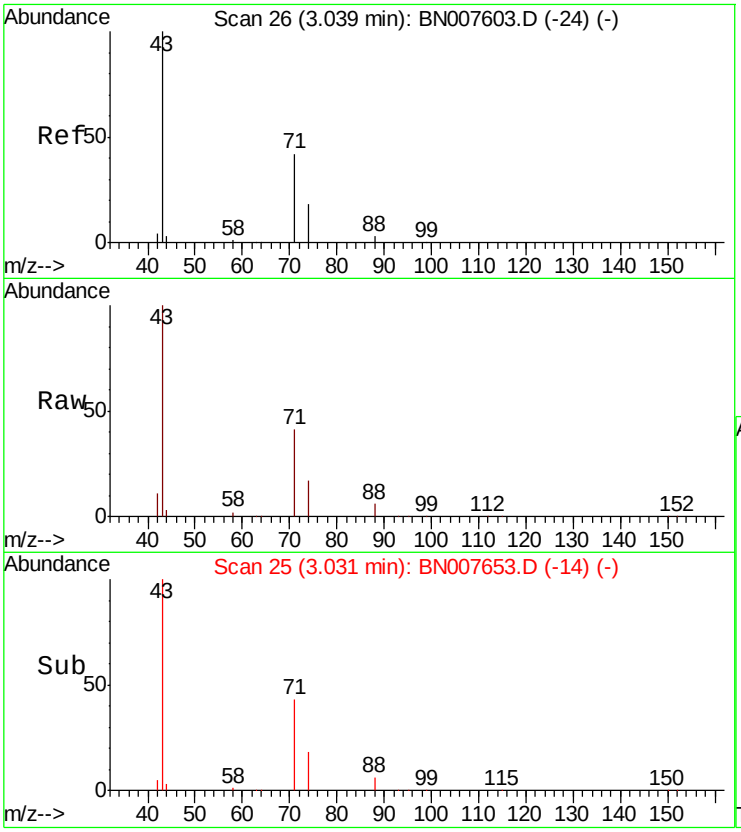


#2
1,4-Dioxane
Concen: 0.145 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion: 88 Resp: 1579

Ion	Ratio	Lower	Upper
88	100		
58	92.8	57.0	85.4#
43	0.0	20.0	30.0#



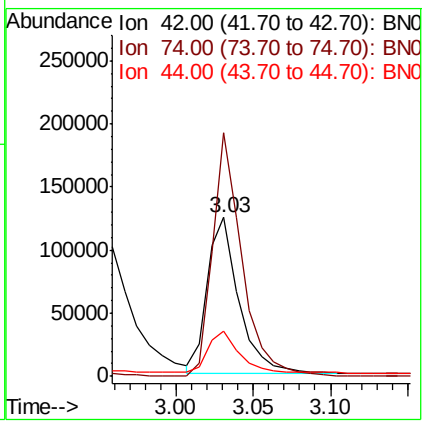


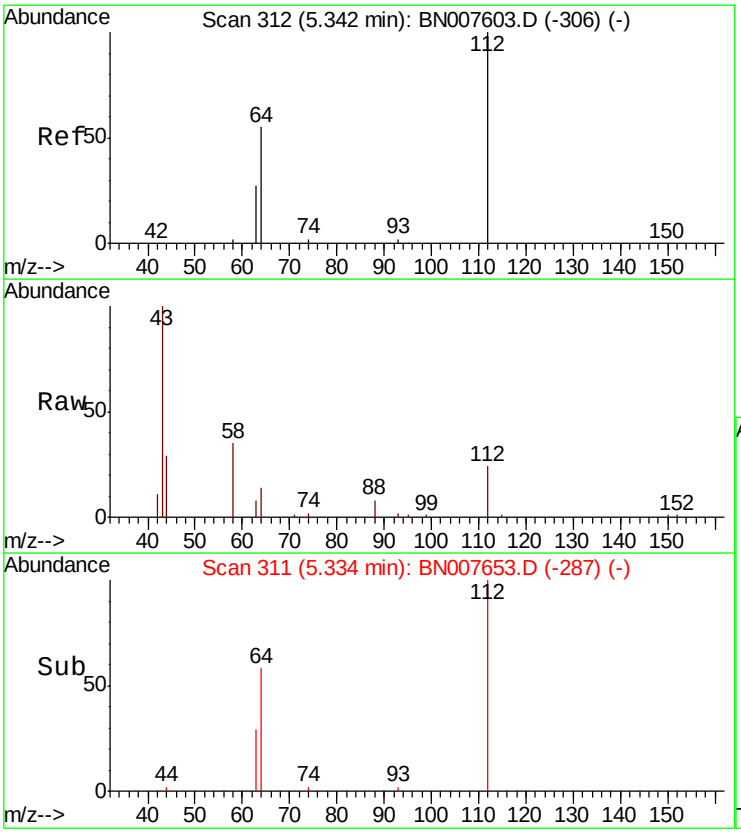
#3
n-Nitrosodimethylamine
Concen: 35.454 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion: 42 Resp: 174790

Ion	Ratio	Lower	Upper
42	100		
74	144.9	9.8	14.8#
44	26.4	0.0	0.0#

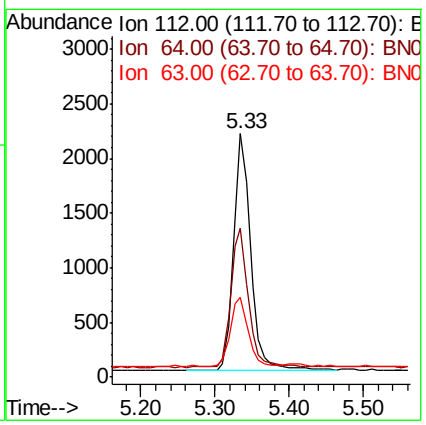


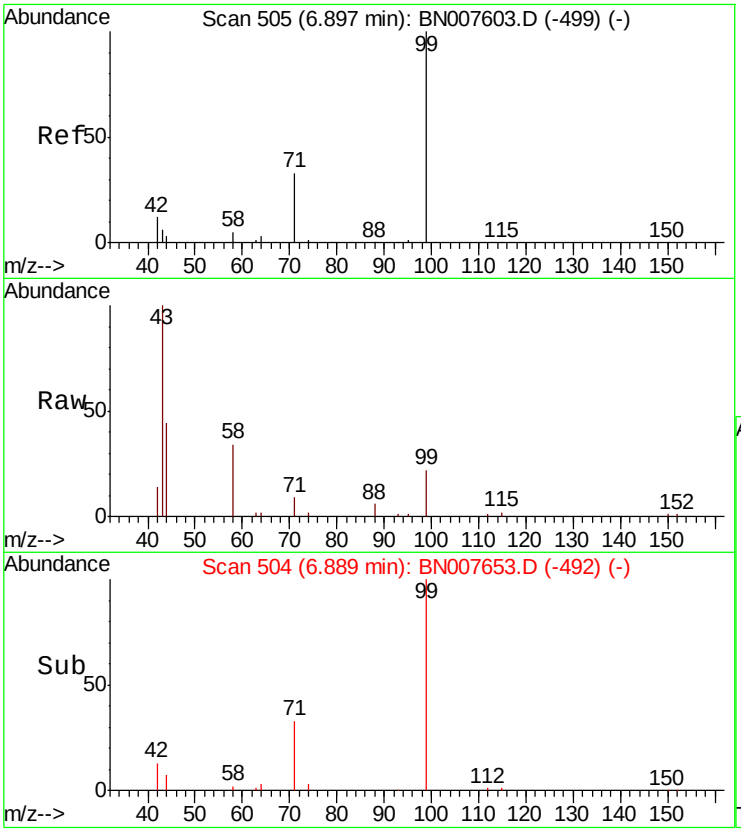


#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:112 Resp: 3496

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.5	72.7
63	30.0	24.4	36.6



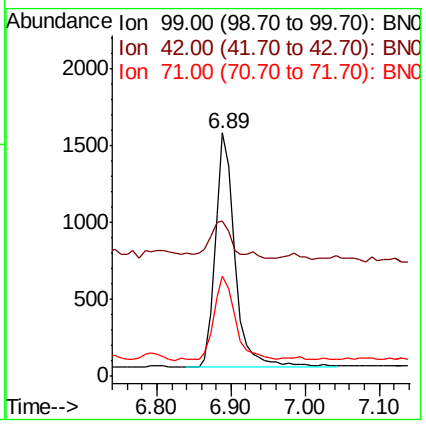


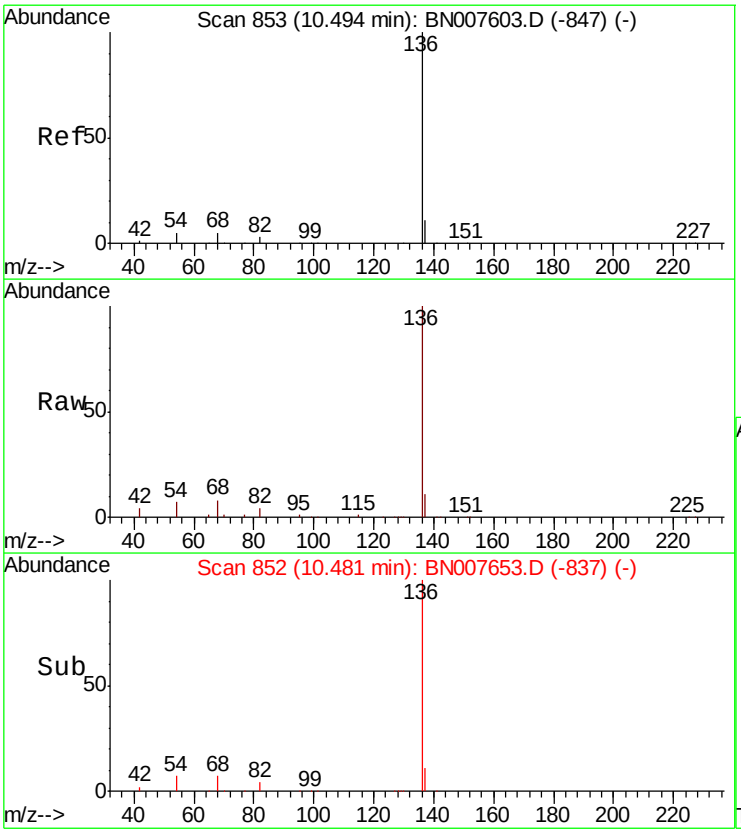
#5
Phenol-d6
Concen: 0.085 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion: 99 Resp: 2794

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.8	17.6#
71	37.6	28.0	42.0

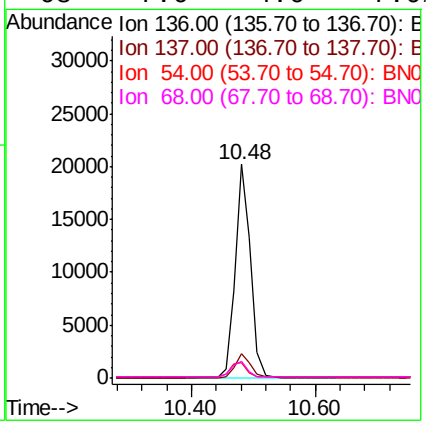


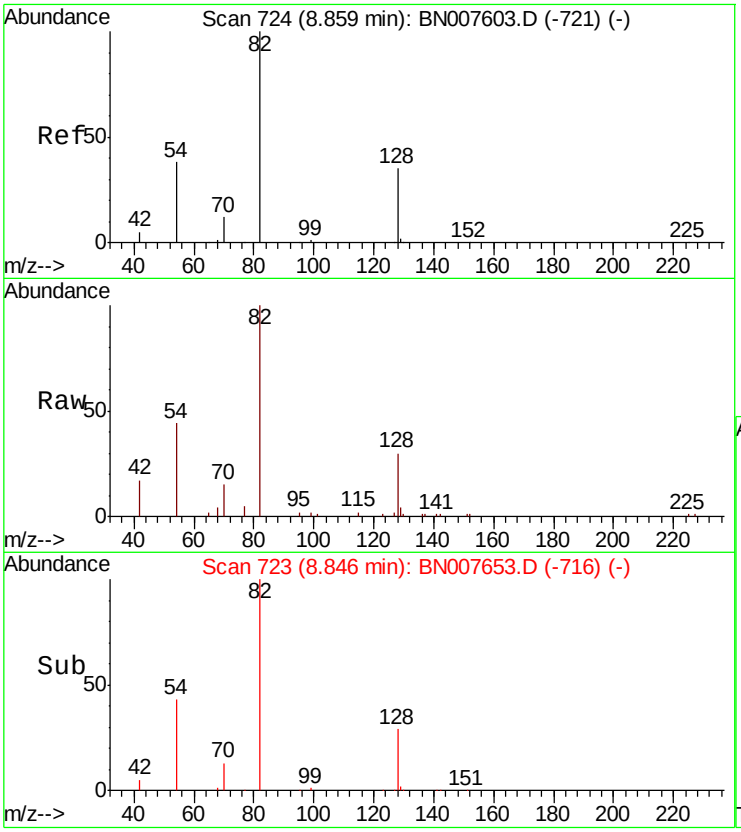


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:136 Resp: 34574

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.0	4.2	6.4#
68	7.6	4.6	7.0#



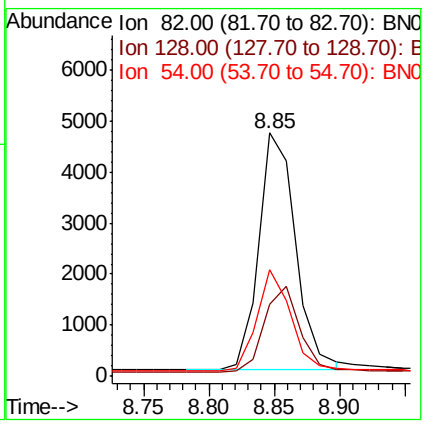


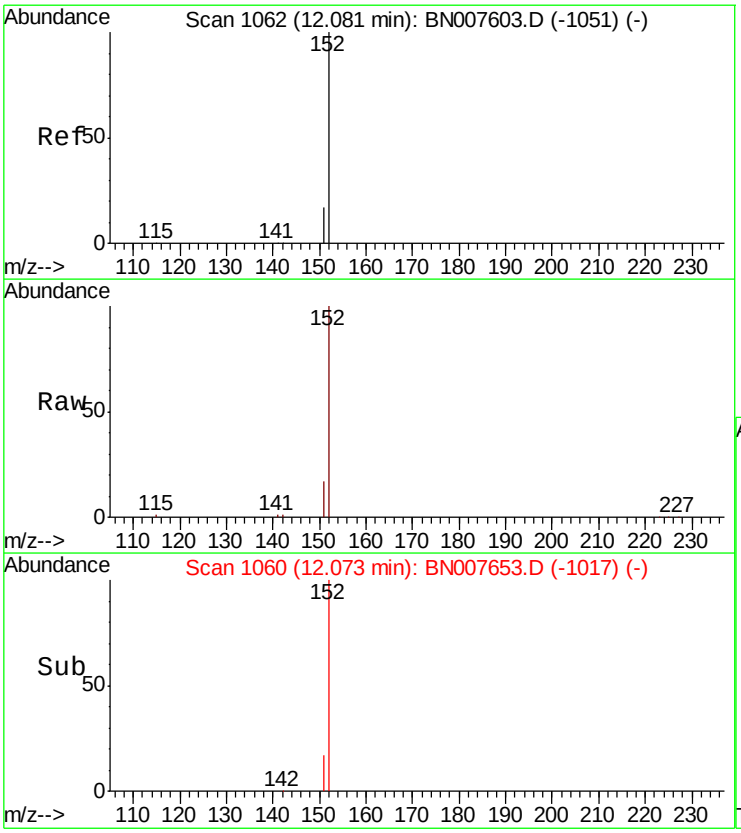
#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion: 82 Resp: 8990

Ion	Ratio	Lower	Upper
82	100		
128	29.7	27.9	41.9
54	43.6	30.9	46.3

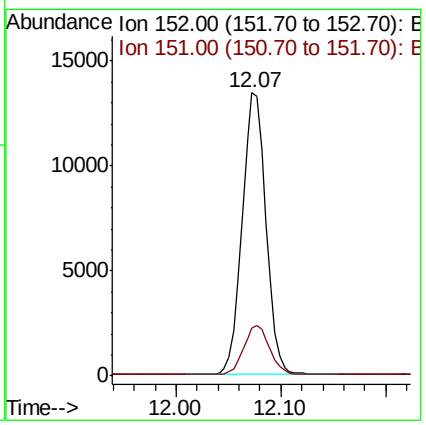


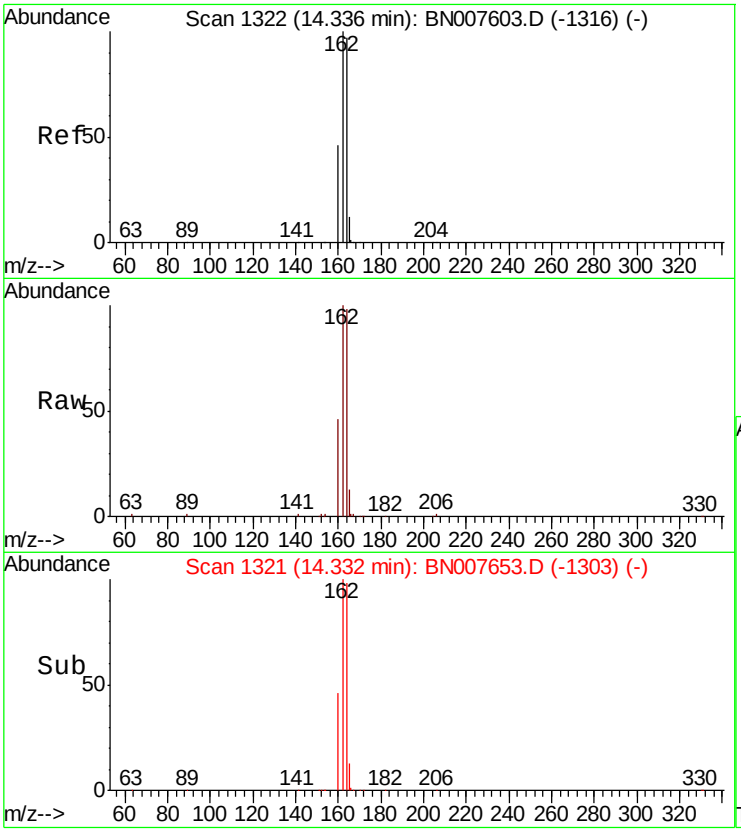


#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:152 Resp: 21207

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9



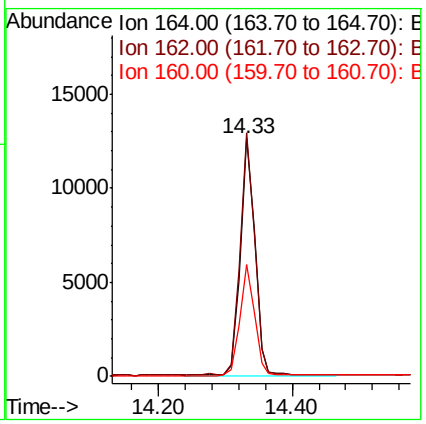


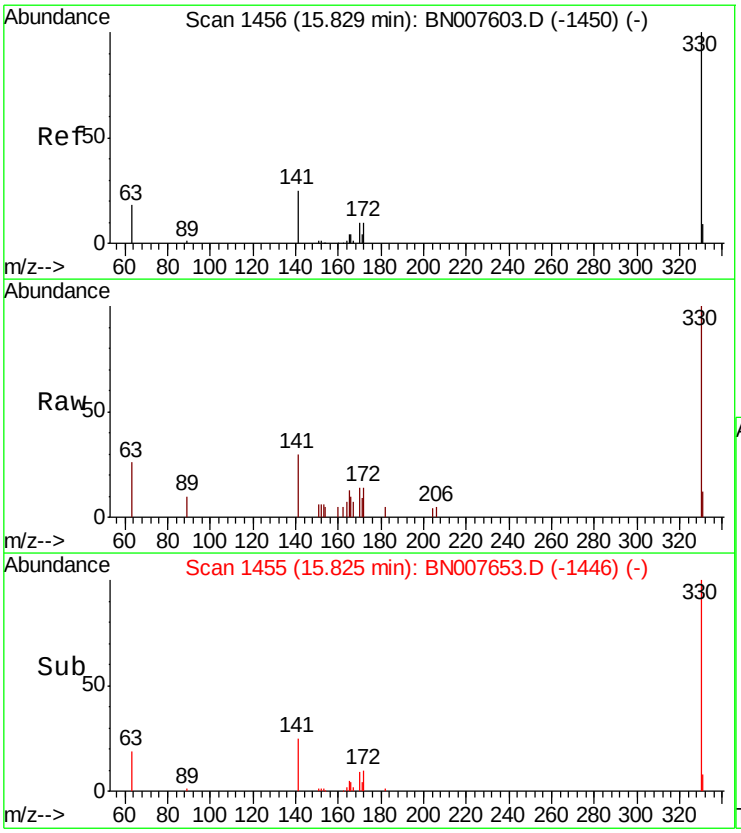
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion:164 Resp: 18669

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.9	38.0	57.0

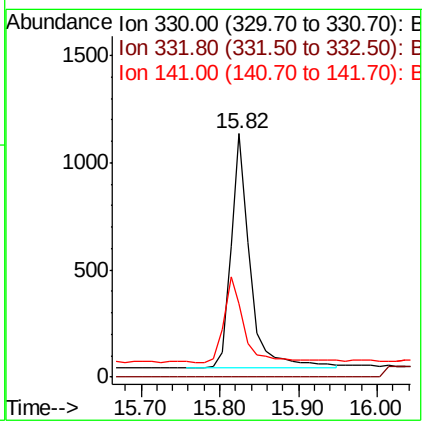


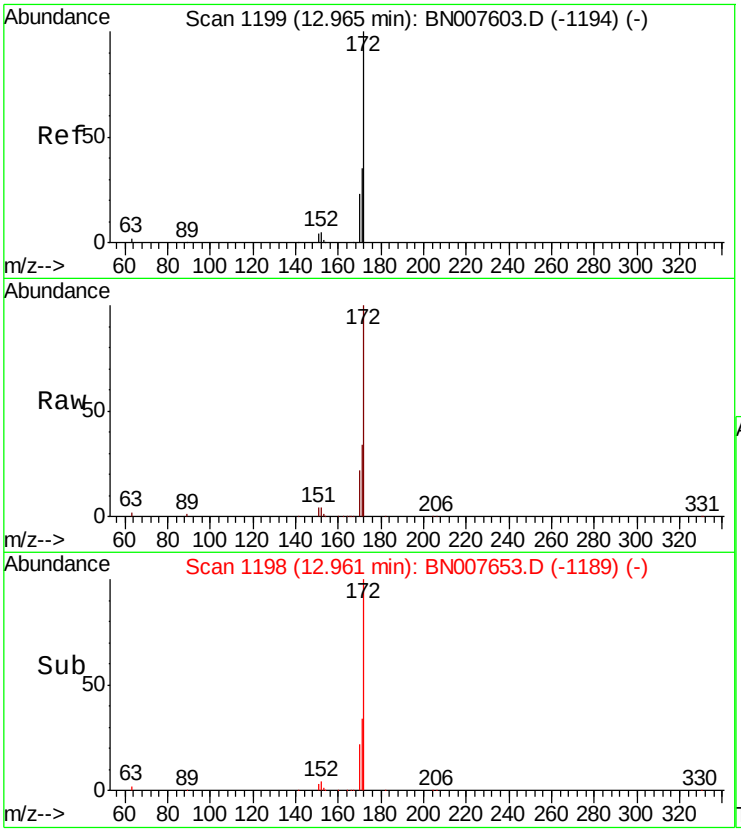


#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:330 Resp: 1832

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	30.1	45.1



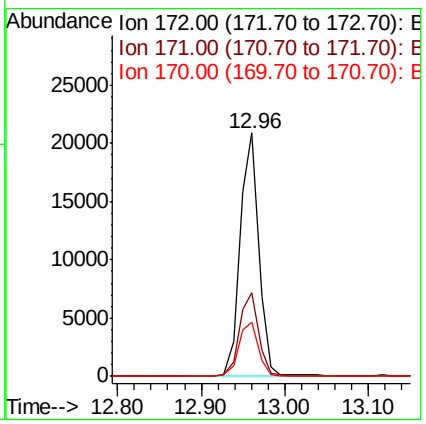


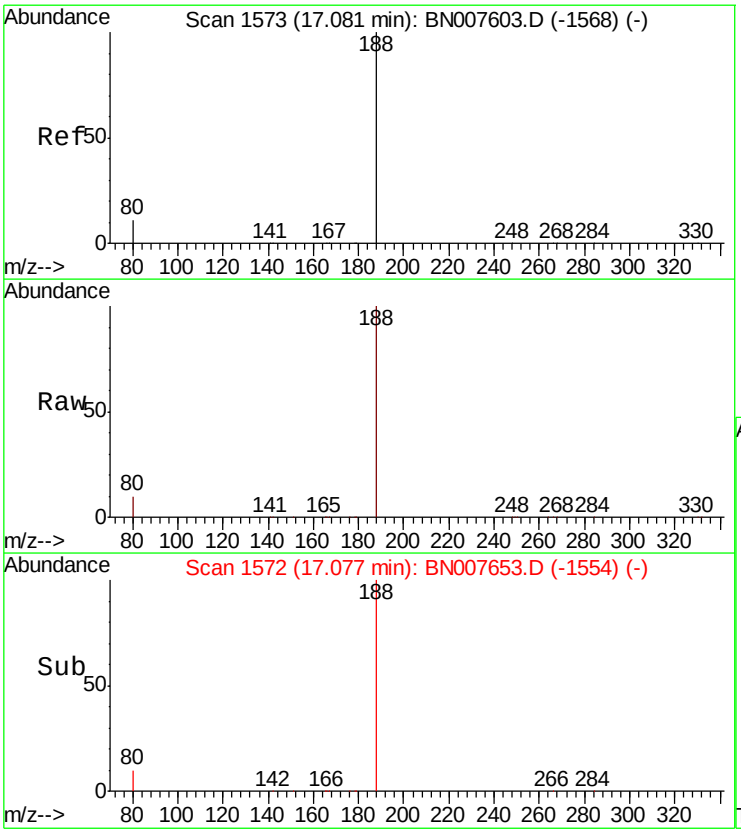
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion:172 Resp: 31947

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	22.1	18.5	27.7

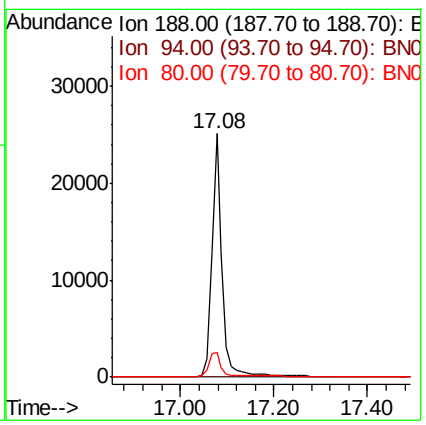


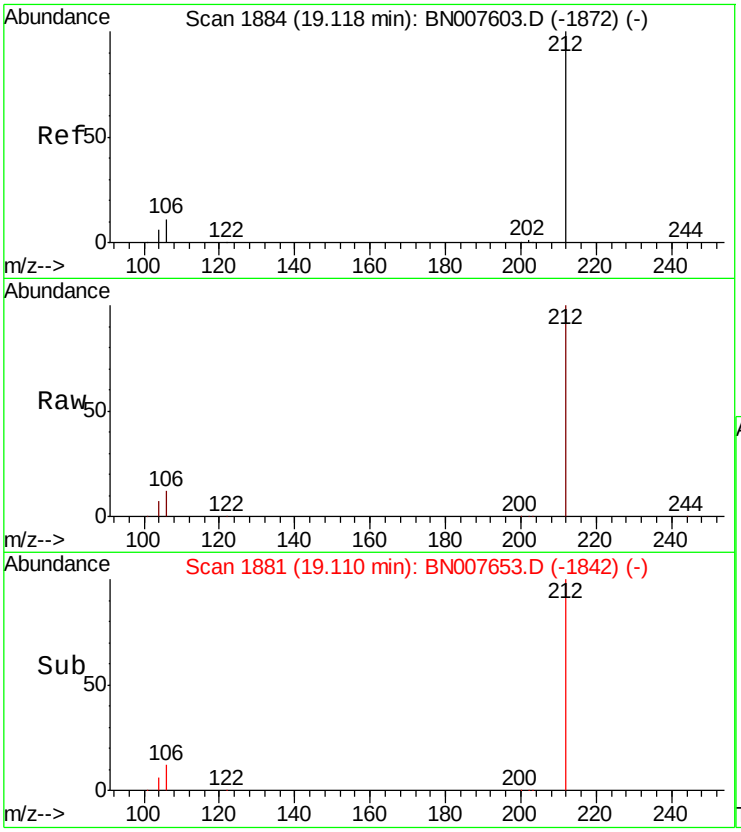


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:188 Resp: 38698

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	8.8	13.2



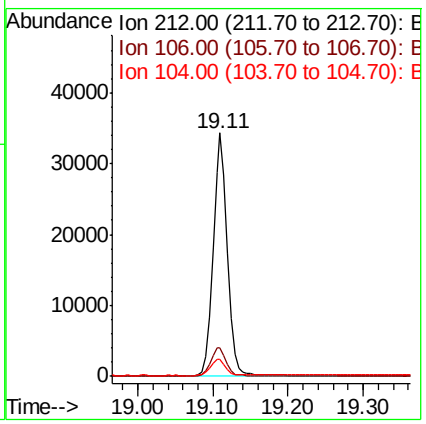


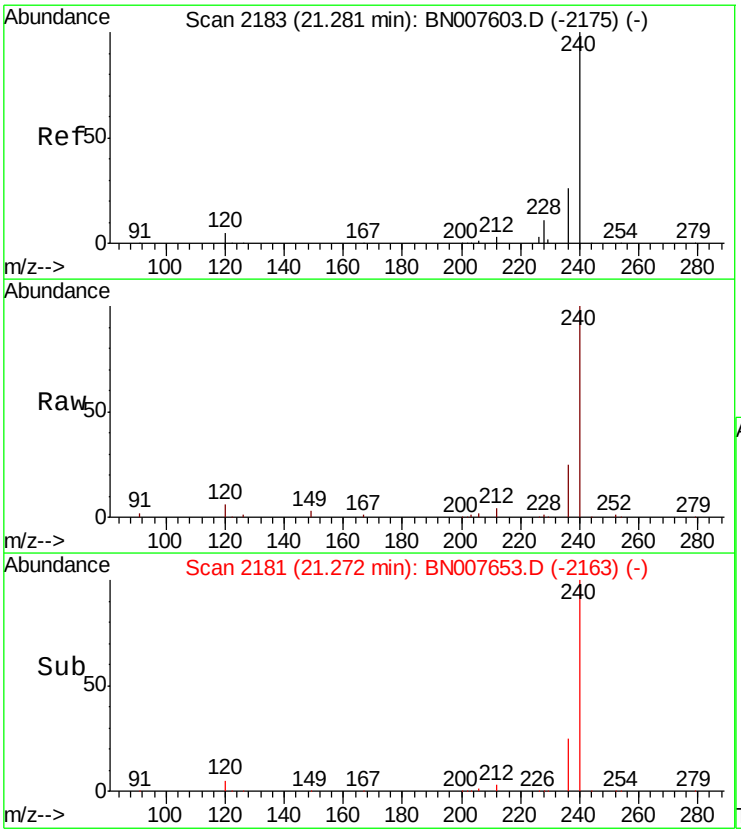
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.11 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument : BNA_N
ClientSampleId : RE135D3-20190910

Tgt Ion:212 Resp: 45966

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.6	14.4
104	6.8	5.4	8.0

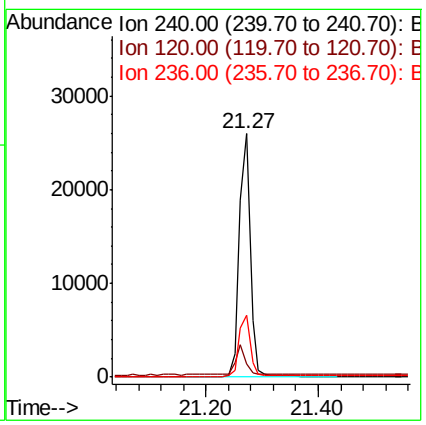


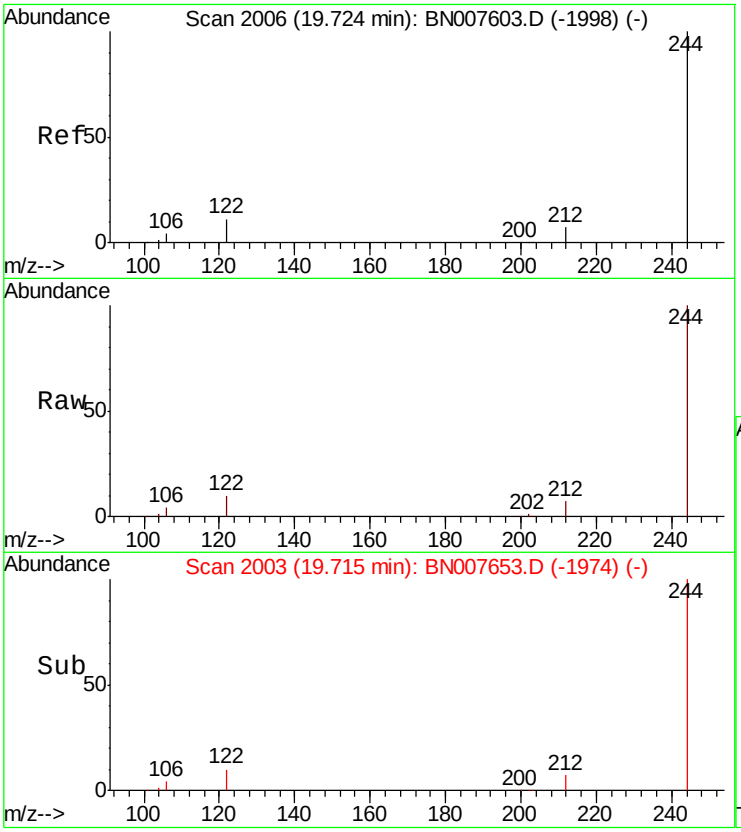


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:240 Resp: 34935

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.3	6.5
236	25.2	20.8	31.2



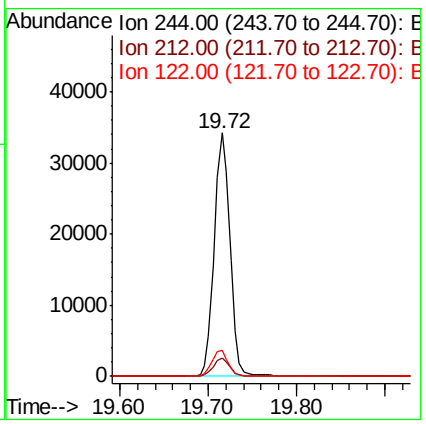


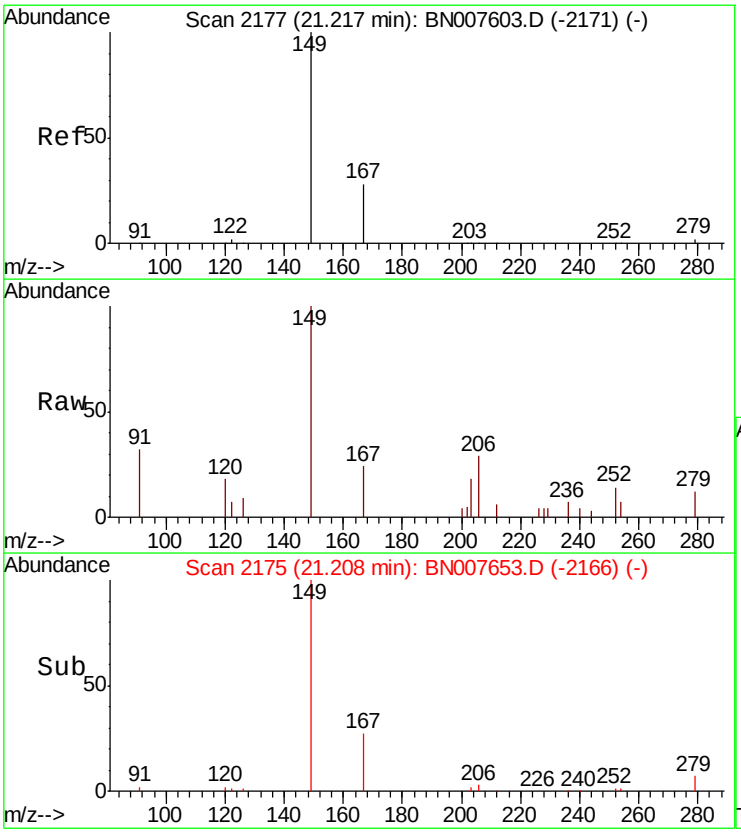
#29
Terphenyl-d14
Concen: 0.454 ng
RT: 19.72 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument : BNA_N
ClientSampleId : RE135D3-20190910

Tgt Ion:244 Resp: 41813

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.4	8.6	12.8

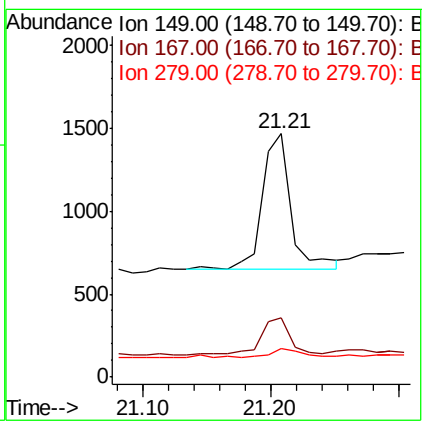


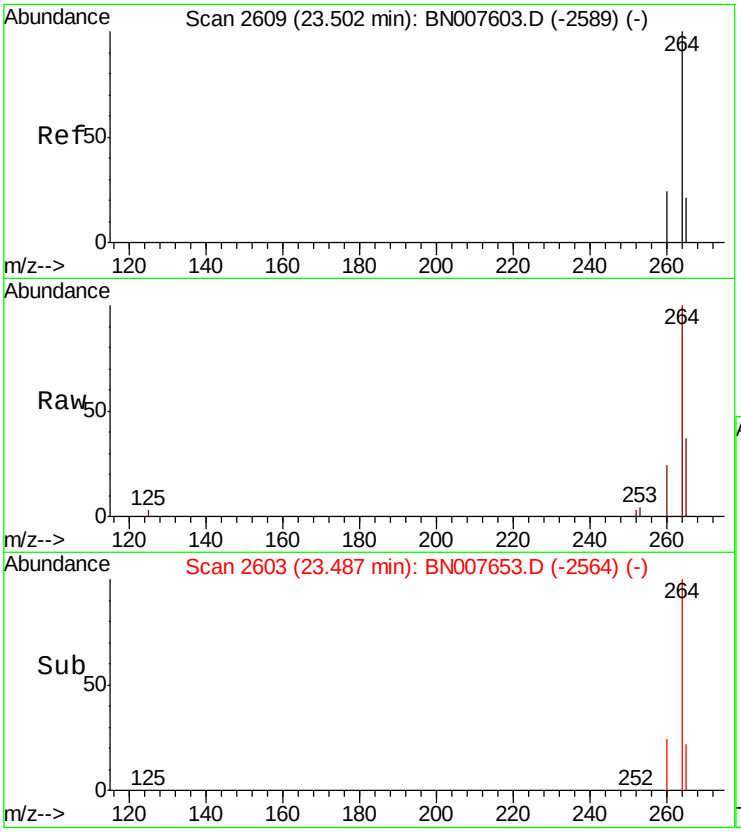


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 21.21 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Tgt Ion:149 Resp: 1304

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	6.9	3.8	5.6#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BN007653.D
Acq: 14 Sep 2019 07:58

Instrument :
BNA_N
ClientSampleId :
RE135D3-20190910

Tgt Ion:264 Resp: 35790

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	37.2	24.6	37.0#