Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007650.D
Acq On : 14 Sep 2019 06:10
Operator : HP/JU
Sample : K4858-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D3-20190910

Quant Time: Sep 16 01:37:30 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	8975	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	34443	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18762	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38399	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36592	0.40	ng	-0.01
34) Perylene-d12	23.48	264	38736	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3525	0.12	ng	0.00
5) Phenol-d6	6.89	99	2821	0.09	ng	0.00
8) Nitrobenzene-d5	8.85	82	9424	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	21748	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	901	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	32442	0.40	ng	-0.01
25) Fluoranthene-d10	19.11	212	48335	0.40	ng	-0.01
29) Terphenyl-d14	19.71	244	44269	0.46	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	15041	1.399	ng	# 86
3) n-Nitrosodimethylamine	3.03	42	174709	35.801	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	1721	0.039	ng	# 97

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

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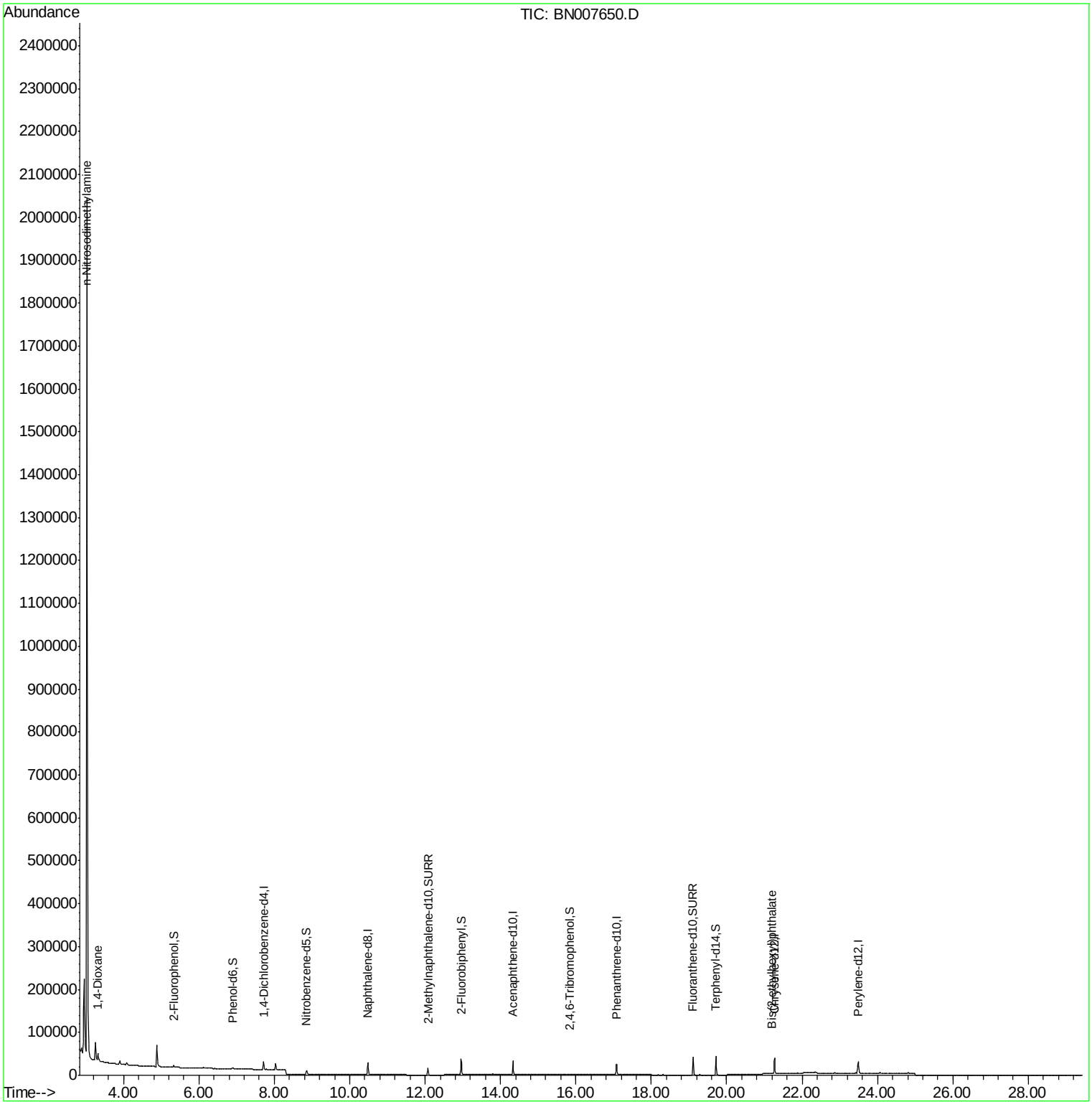
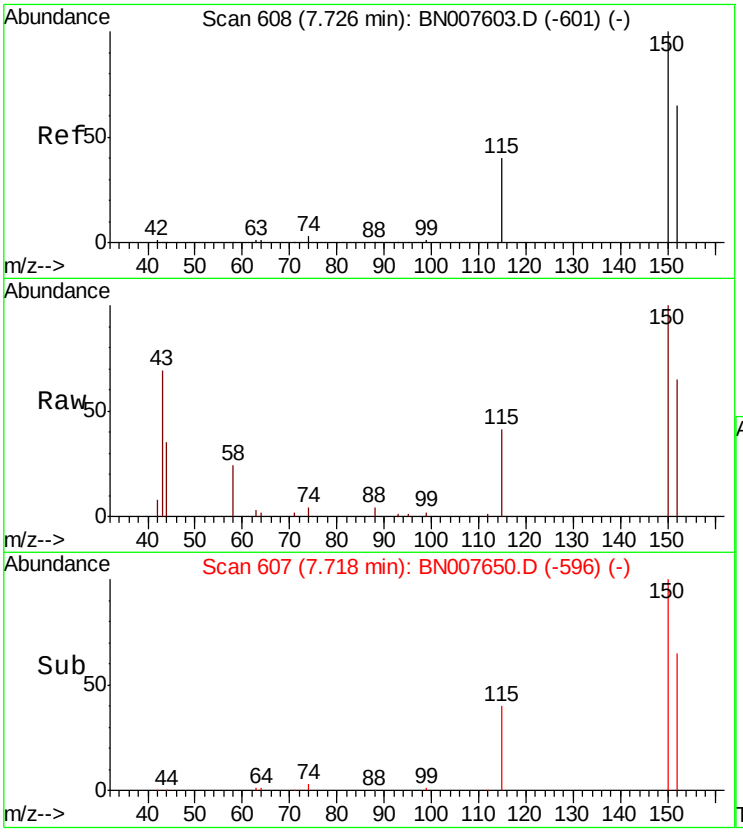
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



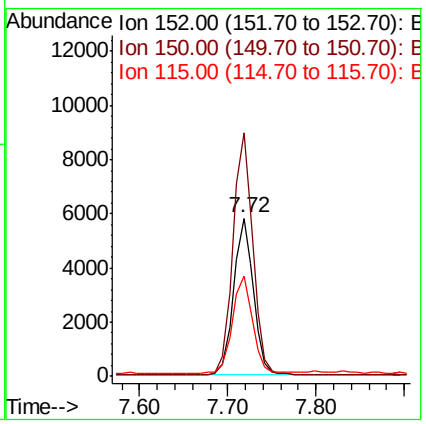


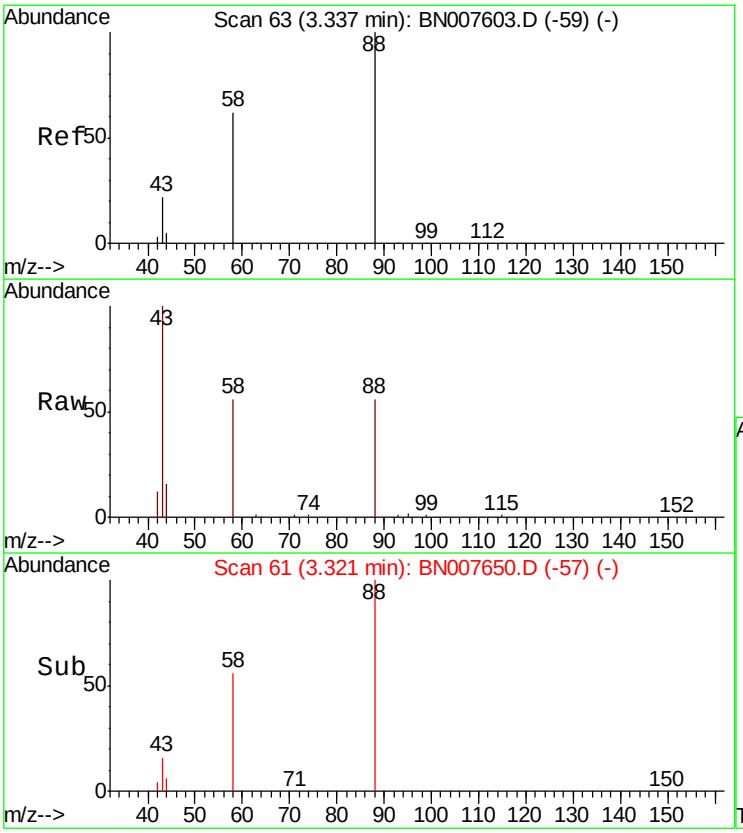
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion:152 Resp: 8975

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.4	183.6
115	63.3	50.4	75.6

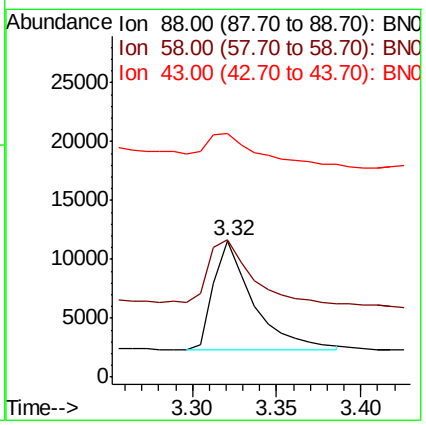


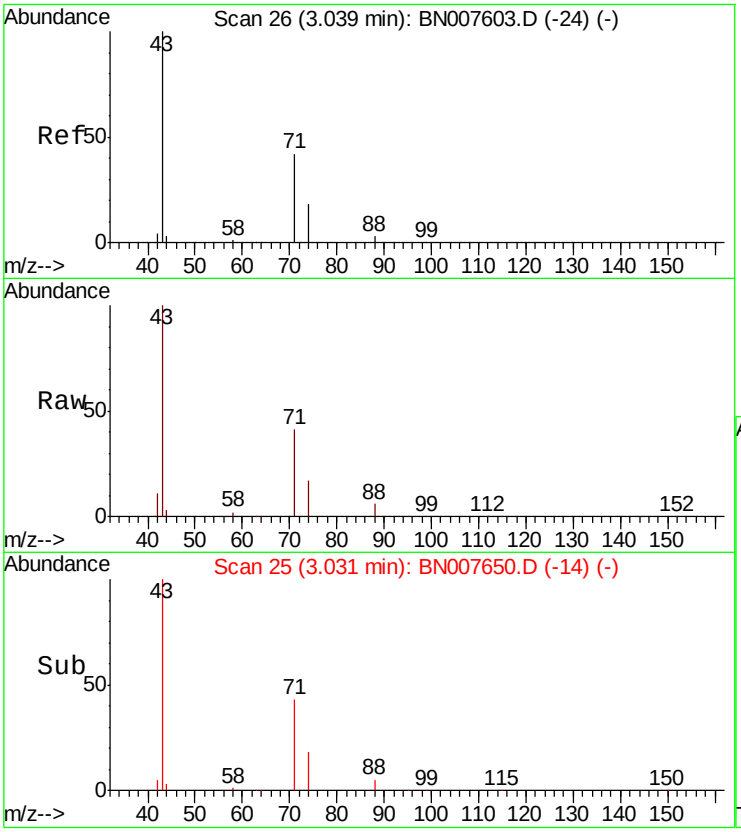


#2
1,4-Dioxane
Concen: 1.399 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion: 88 Resp: 15041

Ion	Ratio	Lower	Upper
88	100		
58	61.2	57.0	85.4
43	34.6	20.0	30.0#



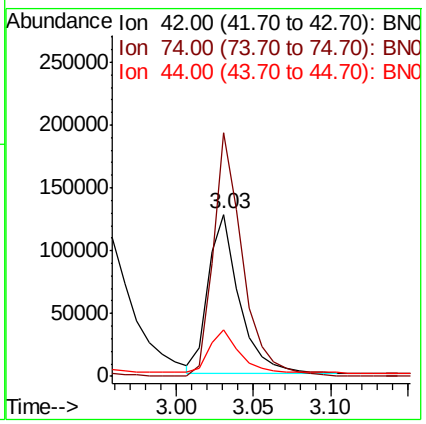


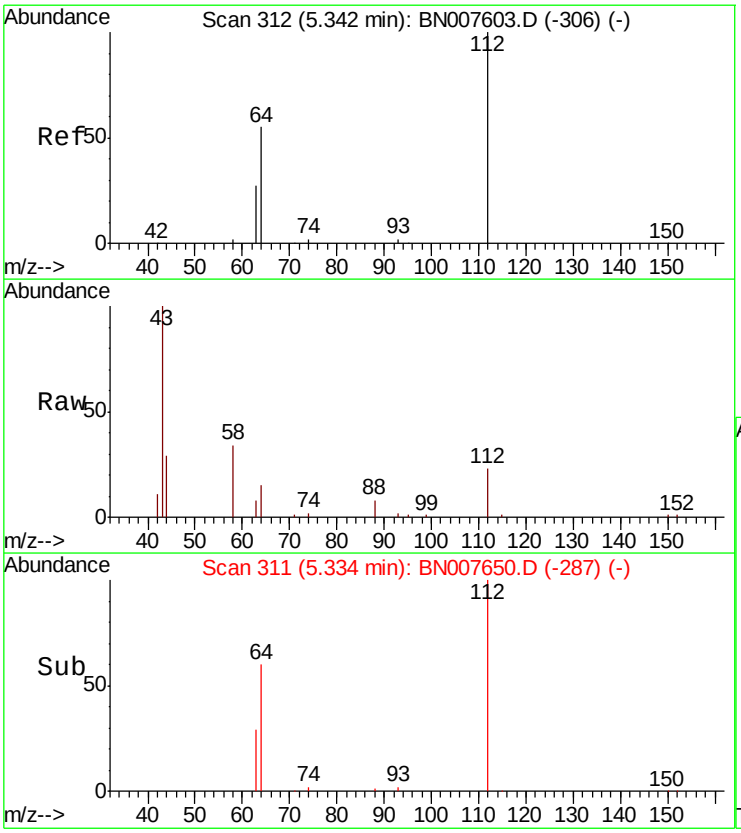
#3
n-Nitrosodimethylamine
Concen: 35.801 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion: 42 Resp: 174709

Ion	Ratio	Lower	Upper
42	100		
74	145.3	9.8	14.8#
44	26.4	0.0	0.0#

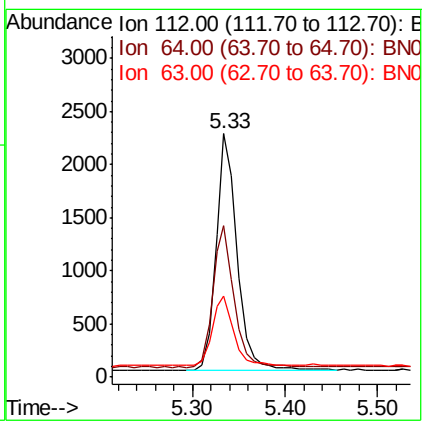


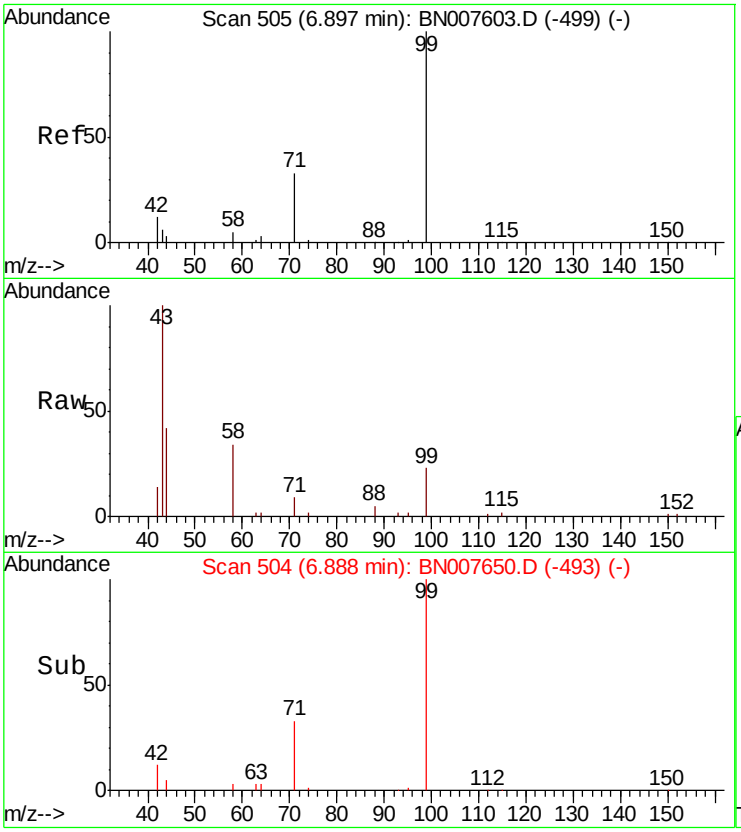


#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:112 Resp: 3525

Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.5	72.7
63	29.9	24.4	36.6



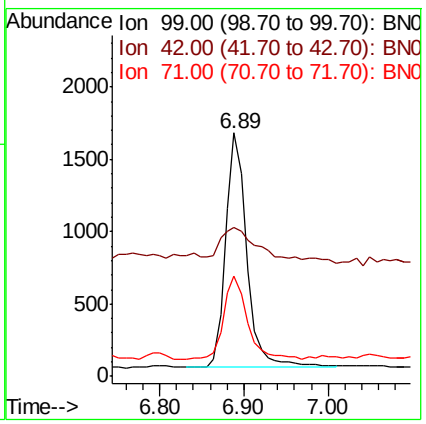


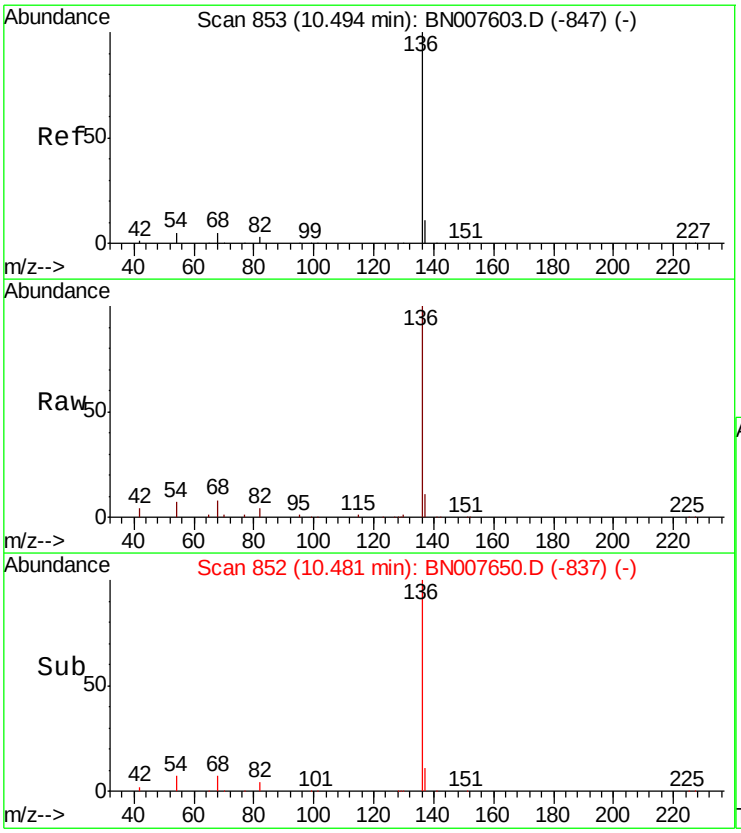
#5
Phenol-d6
Concen: 0.087 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion: 99 Resp: 2821

Ion	Ratio	Lower	Upper
99	100		
42	22.1	11.8	17.6#
71	39.3	28.0	42.0

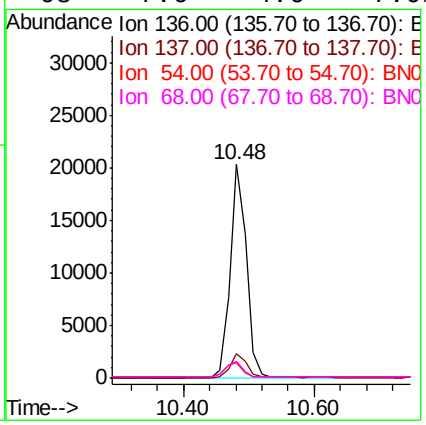


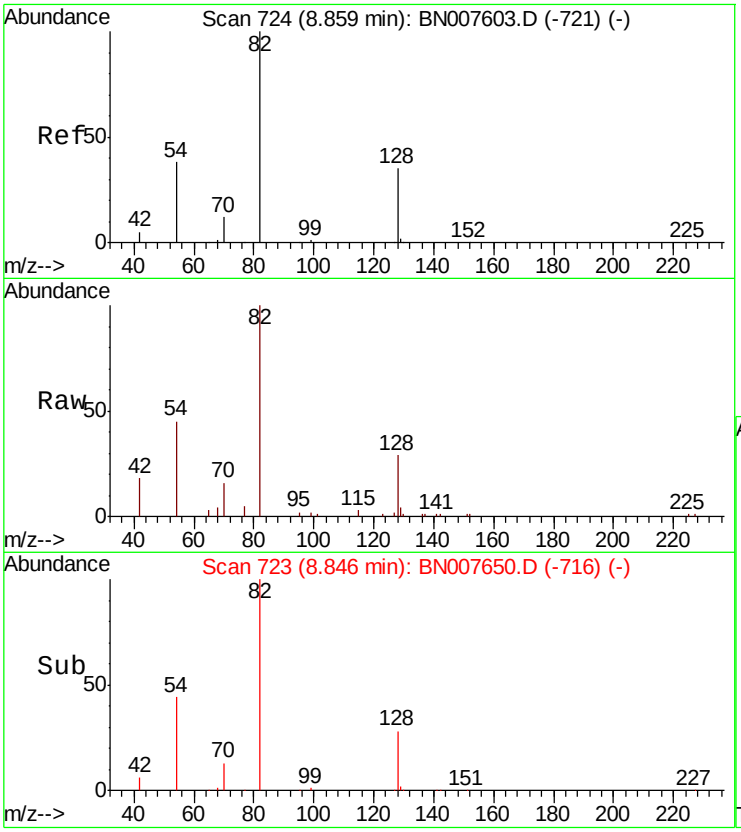


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:136 Resp: 34443

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.1	4.2	6.4#
68	7.6	4.6	7.0#



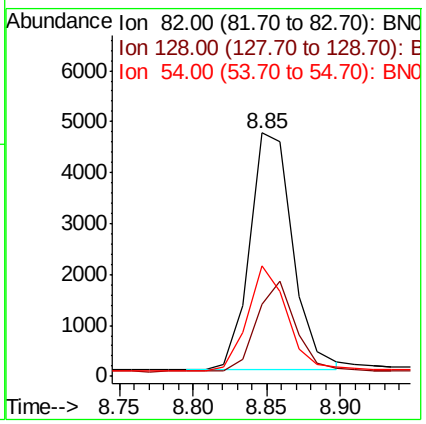


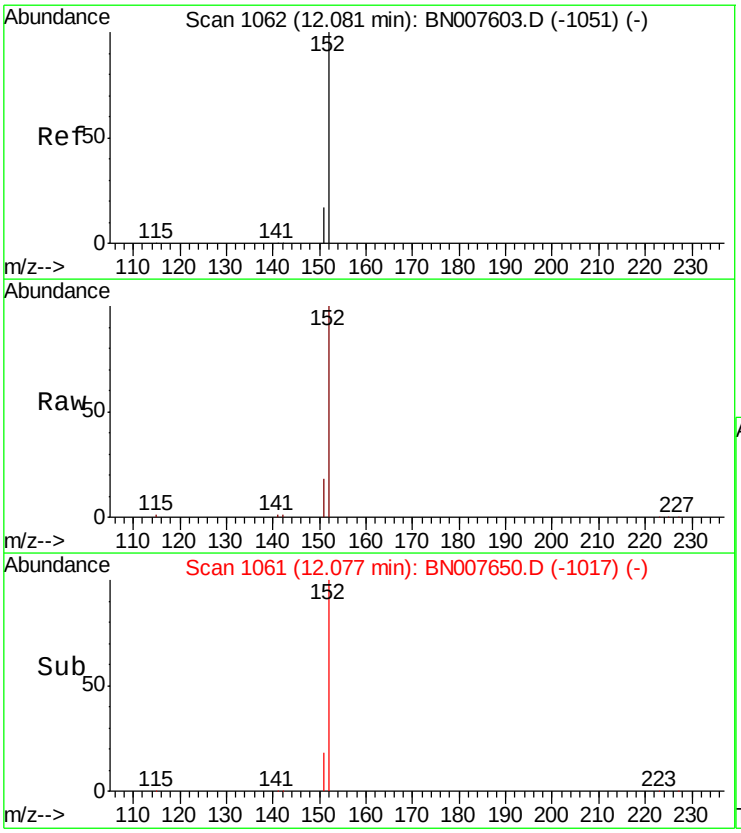
#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion: 82 Resp: 9424

Ion	Ratio	Lower	Upper
82	100		
128	29.4	27.9	41.9
54	45.3	30.9	46.3

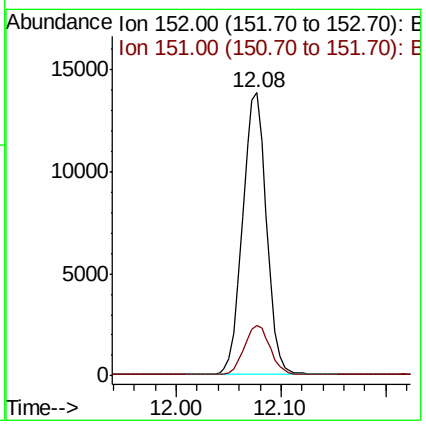


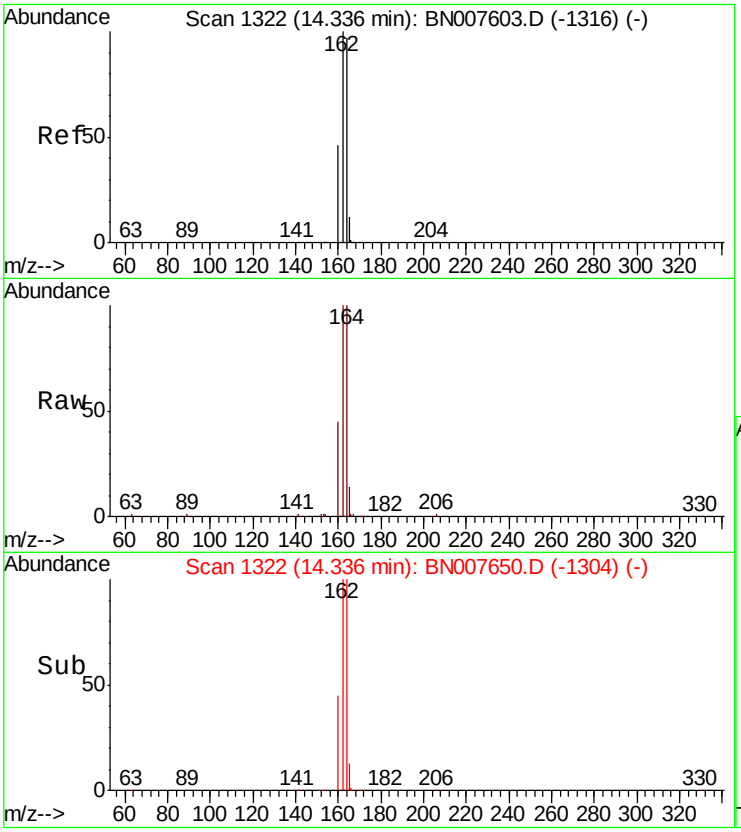


#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:152 Resp: 21748

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9



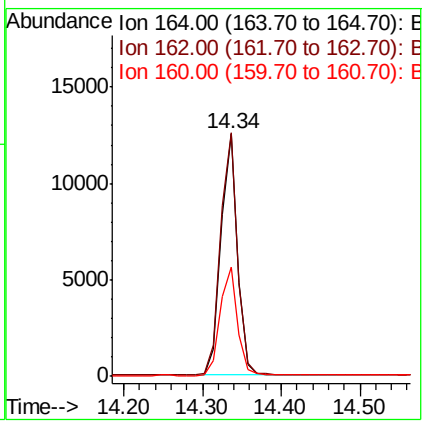


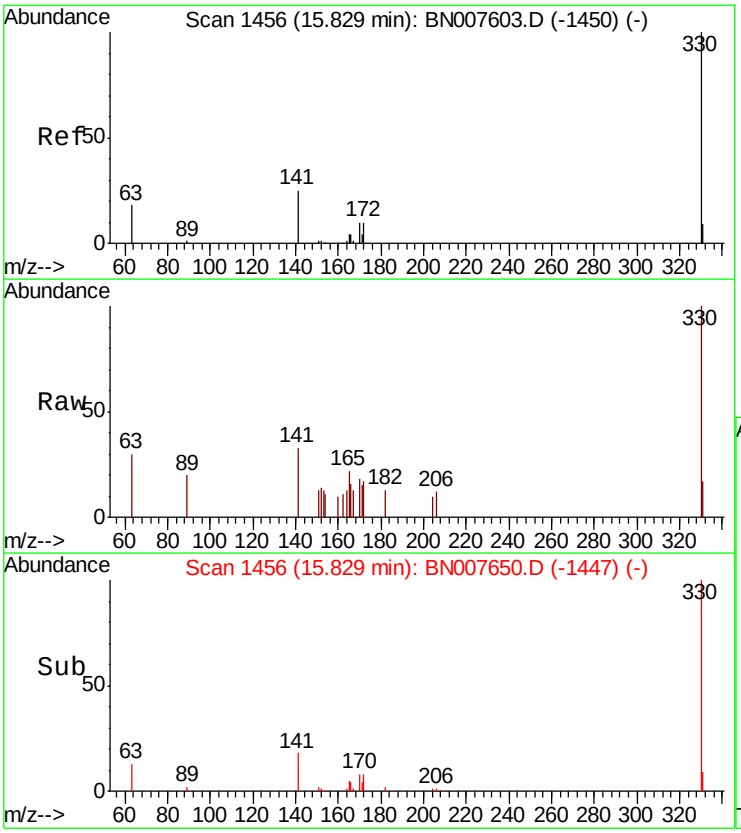
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion:164 Resp: 18762

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.8	124.2
160	45.2	38.0	57.0

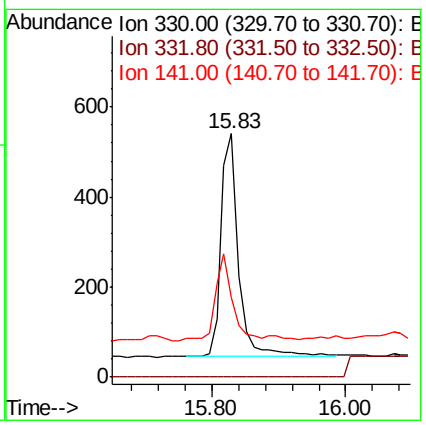


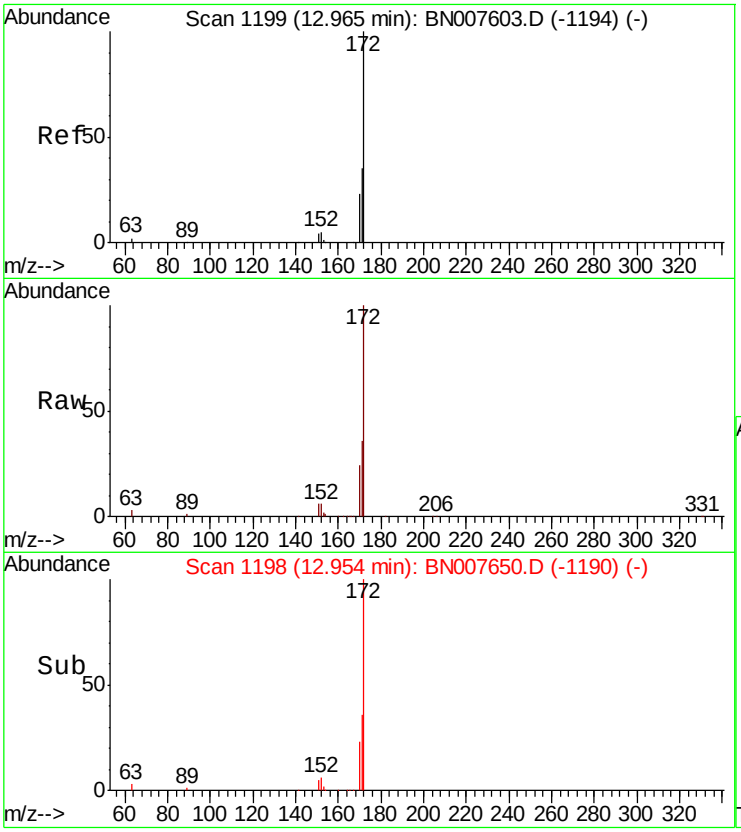


#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:330 Resp: 901

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.1	30.1	45.1



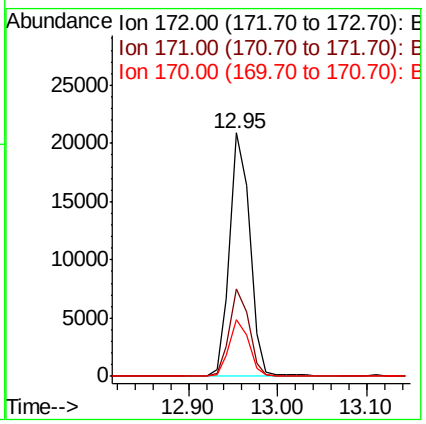


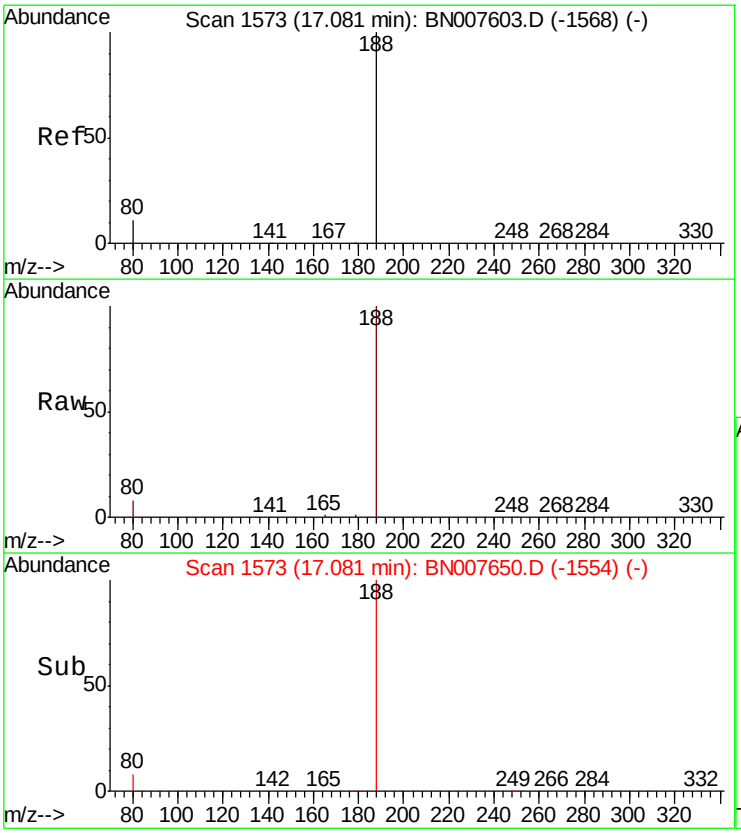
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion:172 Resp: 32442

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.6	18.5	27.7

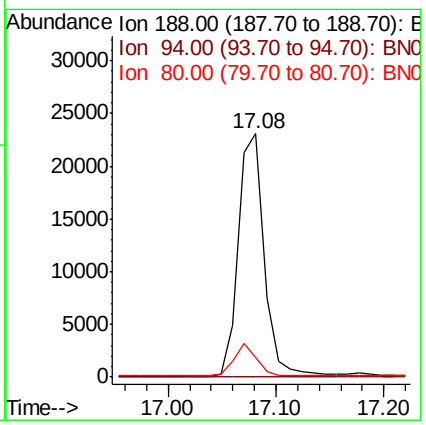


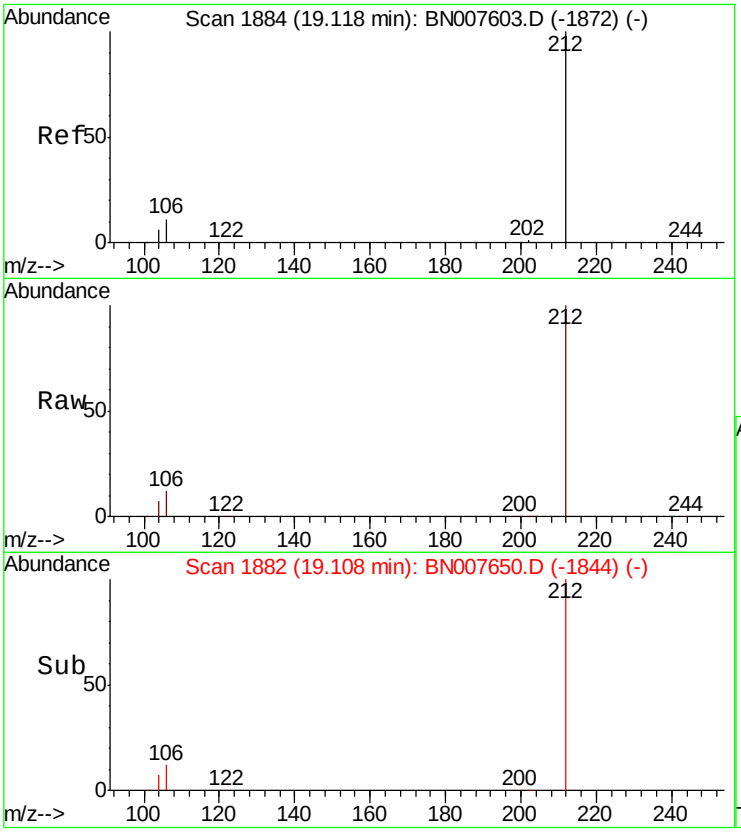


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:188 Resp: 38399

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	8.8	13.2#



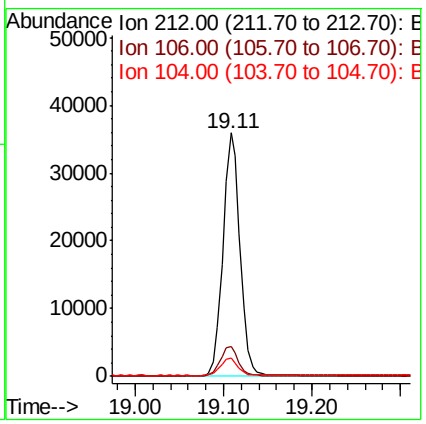


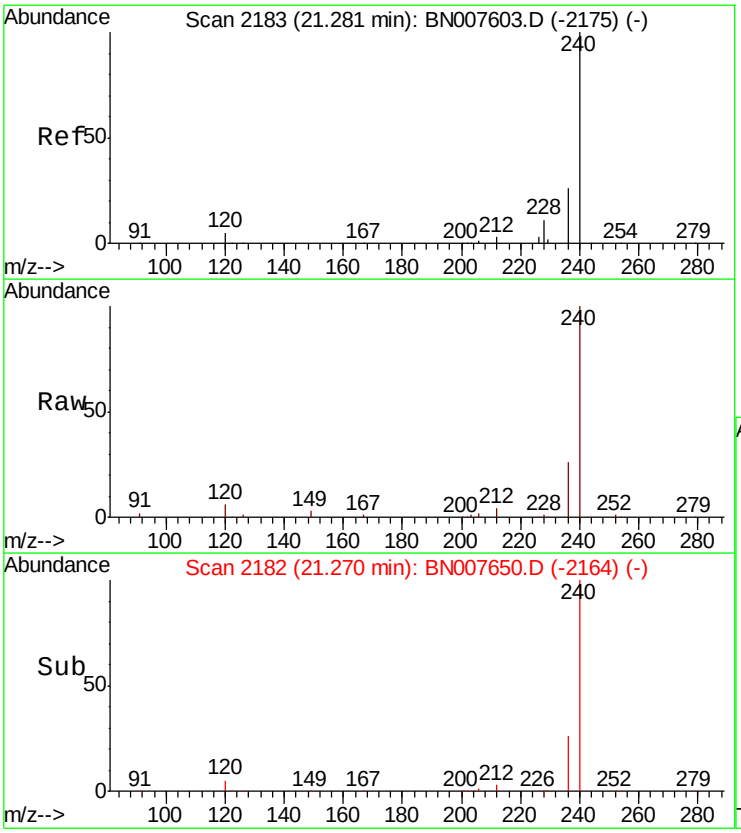
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion:212 Resp: 48335

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.6	14.4
104	7.0	5.4	8.0

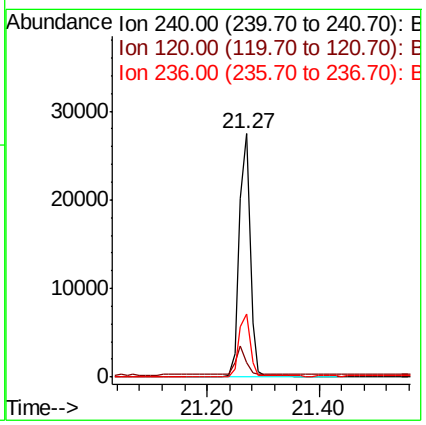


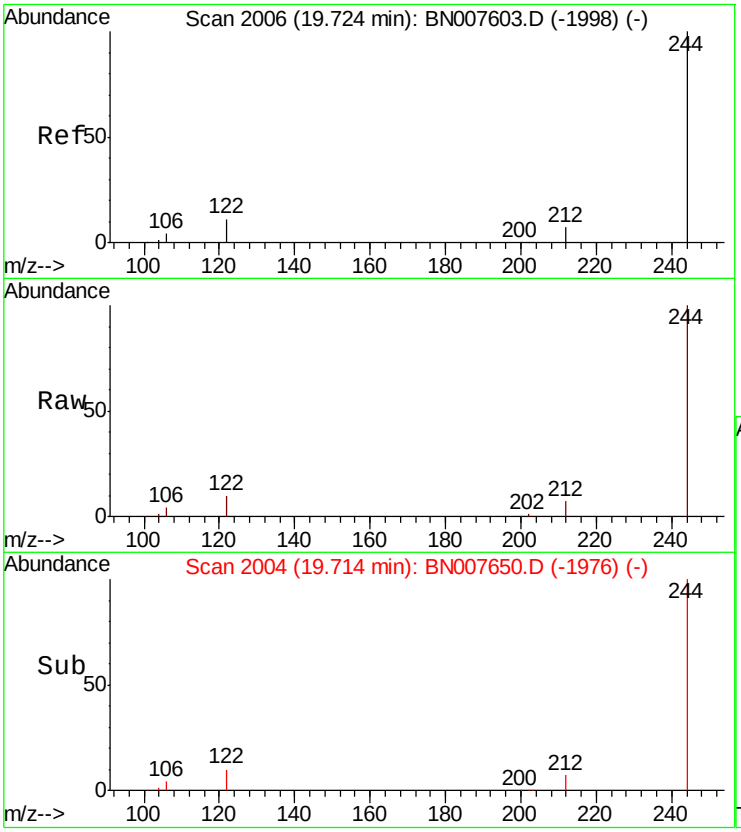


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:240 Resp: 36592

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.3	6.5
236	26.0	20.8	31.2



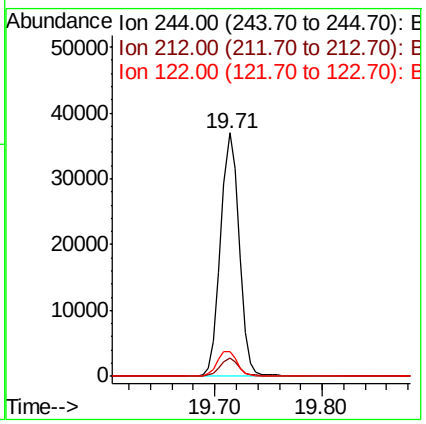


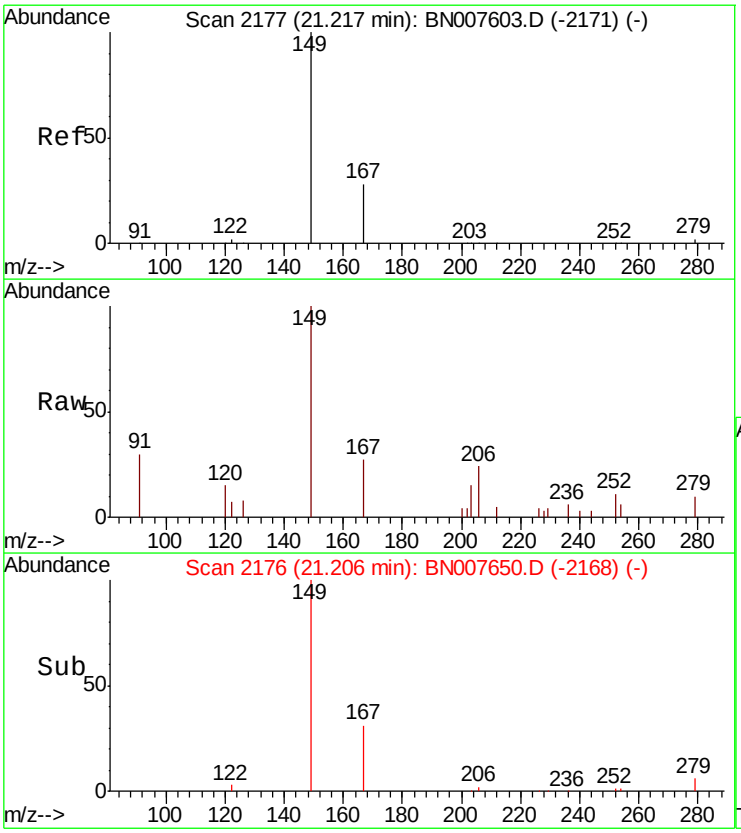
#29
Terphenyl-d14
Concen: 0.459 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion:244 Resp: 44269

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.4	8.6	12.8

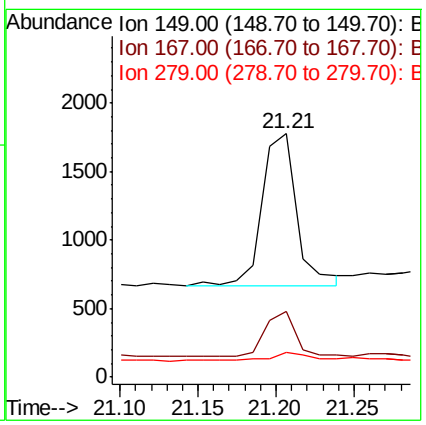


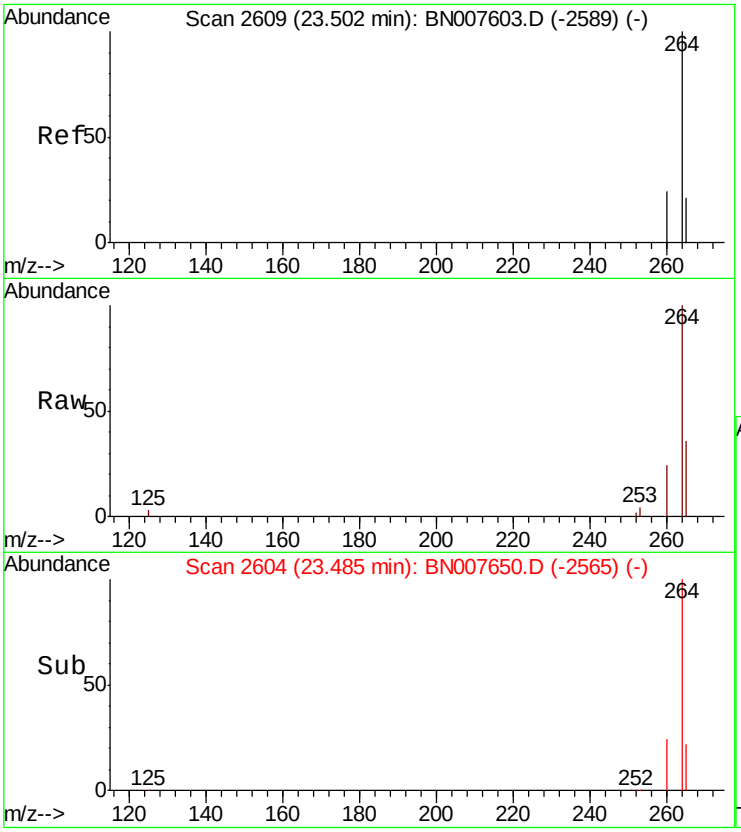


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Tgt Ion:149 Resp: 1721

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.6	34.0
279	7.3	3.8	5.6#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BN007650.D
Acq: 14 Sep 2019 06:10

Instrument :
BNA_N
ClientSampleId :
RE131D3-20190910

Tgt Ion:264 Resp: 38736

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	36.1	24.6	37.0