Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007754.D
Acq On : 19 Sep 2019 22:57
Operator : HP/JU
Sample : K4858-16DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D1-20190910DL

Quant Time: Sep 20 11:15:43 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	6351	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	24182	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14758	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	34202	0.40	ng	0.00
27) Chrysene-d12	21.26	240	37385	0.40	ng	-0.01
34) Perylene-d12	23.48	264	39107	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	676	0.03	ng	0.00
5) Phenol-d6	6.88	99	617	0.02	ng	0.00
8) Nitrobenzene-d5	8.85	82	1339	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	3028	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	403	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	5079	0.08	ng	0.00
25) Fluoranthene-d10	19.10	212	9196	0.08	ng	0.00
29) Terphenyl-d14	19.71	244	9203	0.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	10345	1.461	ng	# 90

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

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Acq On : 19 Sep 2019 22:57
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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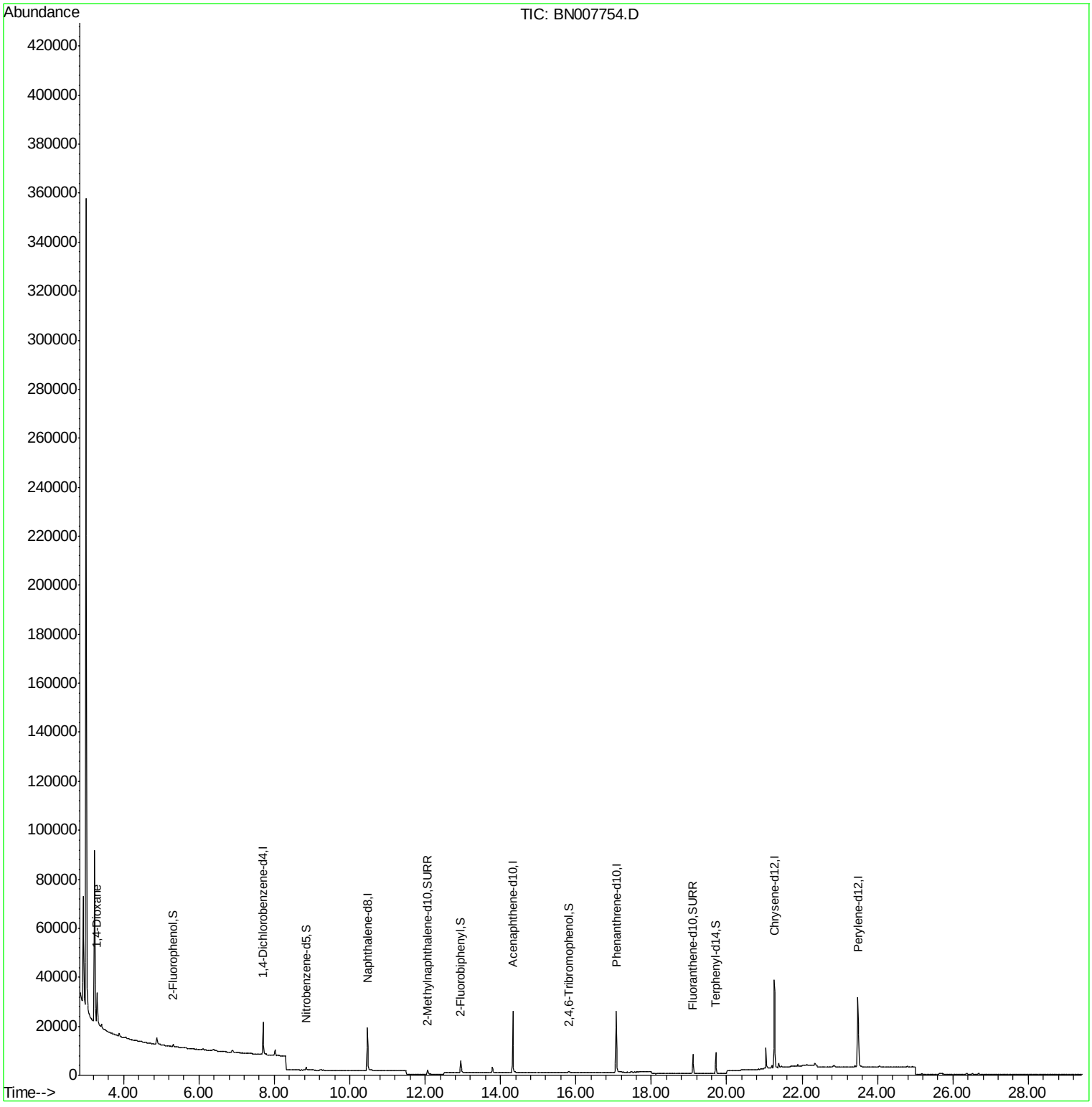
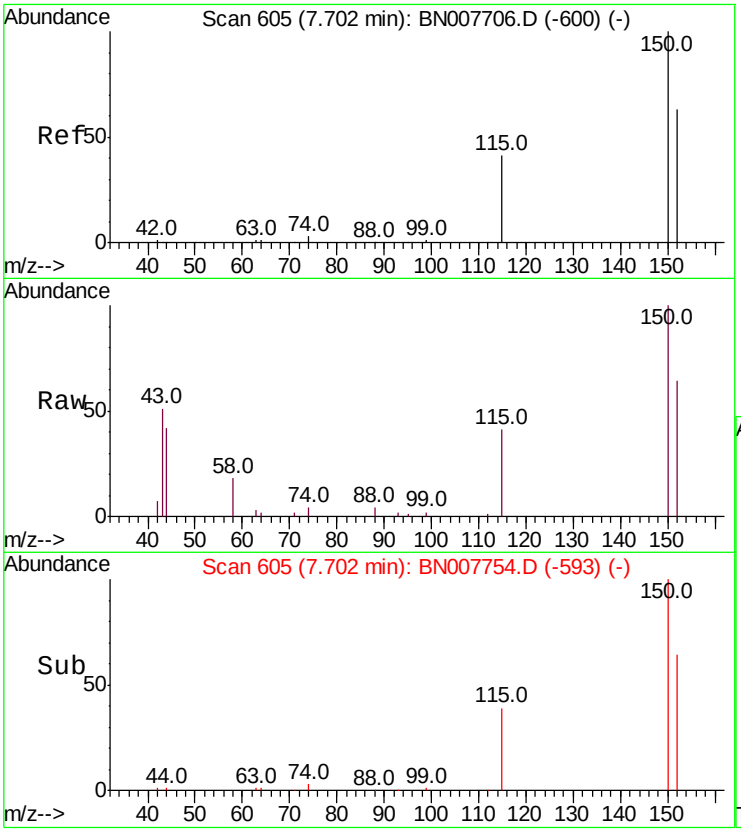


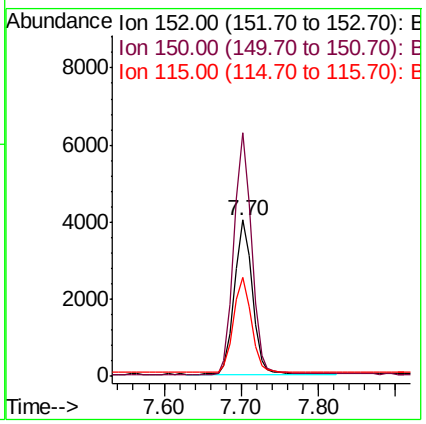


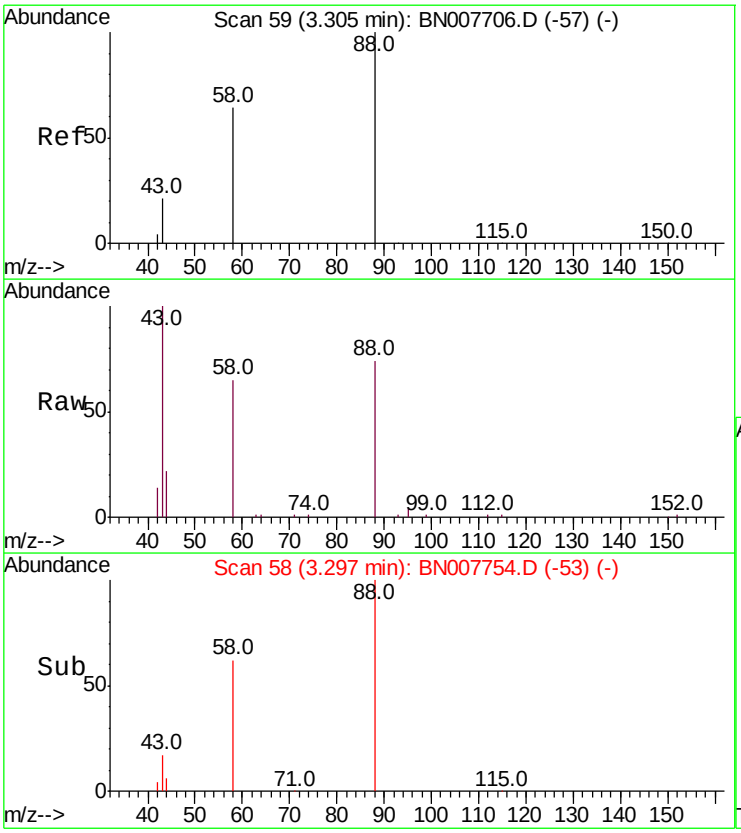
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:152 Resp: 6351

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	63.3	53.3	79.9

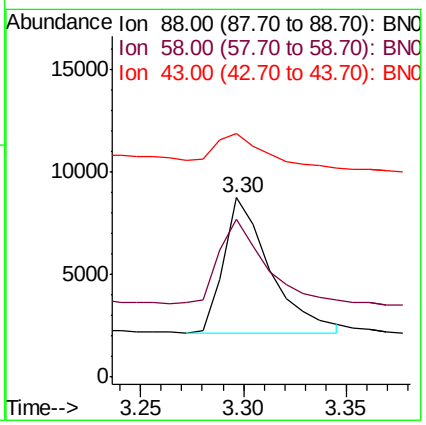


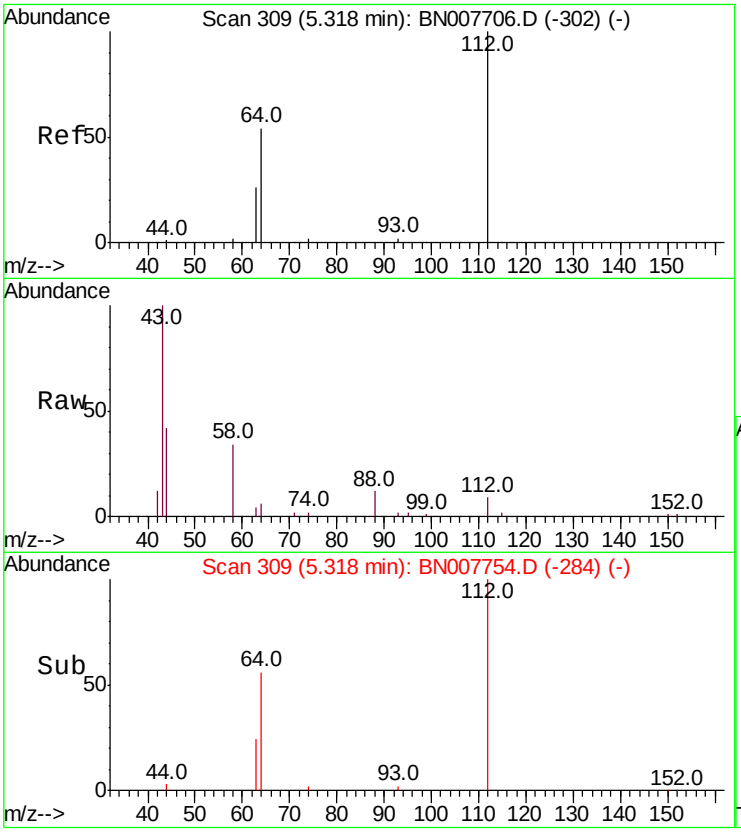


#2
1,4-Dioxane
Concen: 1.461 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion: 88 Resp: 10345

Ion	Ratio	Lower	Upper
88	100		
58	59.8	44.6	66.8
43	28.4	14.4	21.6#



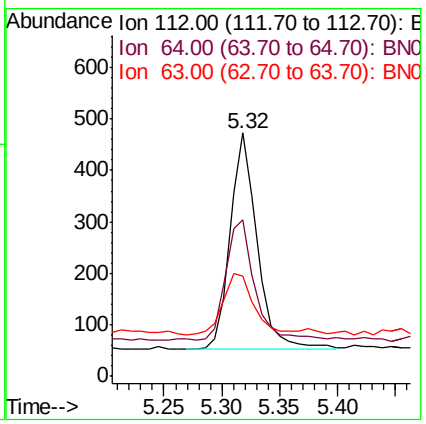


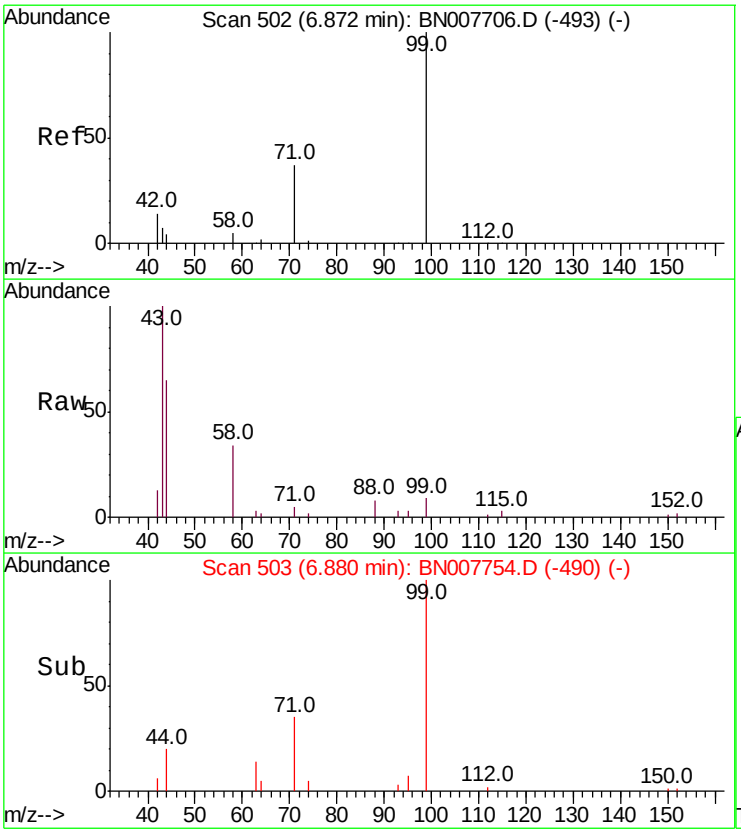
#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:112 Resp: 676

Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.6	70.0
63	32.8	23.1	34.7

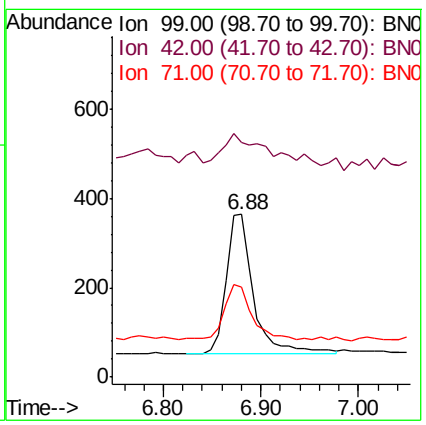


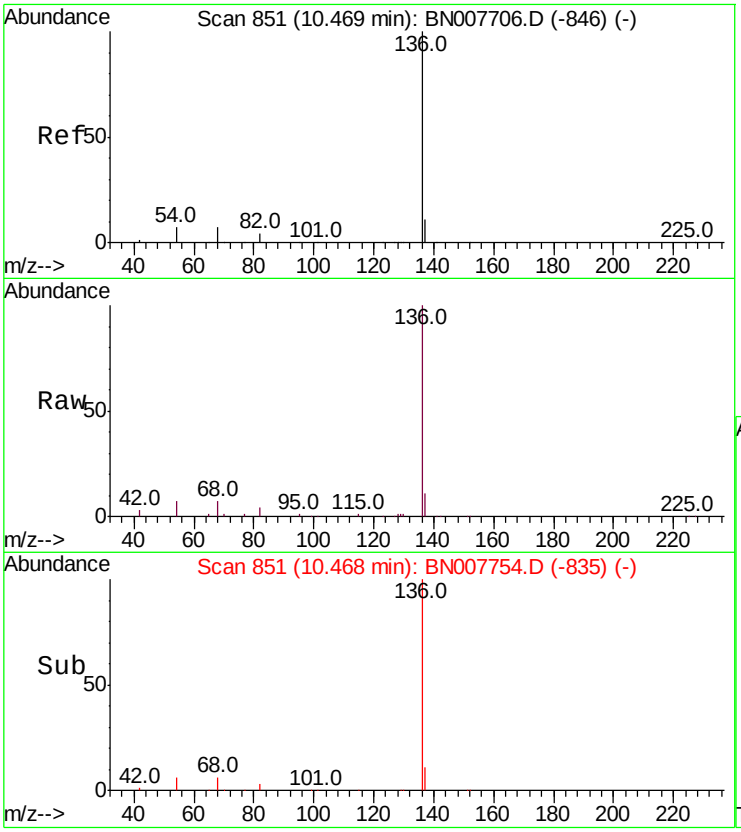


#5
Phenol-d6
Concen: 0.017 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion: 99 Resp: 617

Ion	Ratio	Lower	Upper
99	100		
42	36.8	12.8	19.2#
71	40.2	27.6	41.4



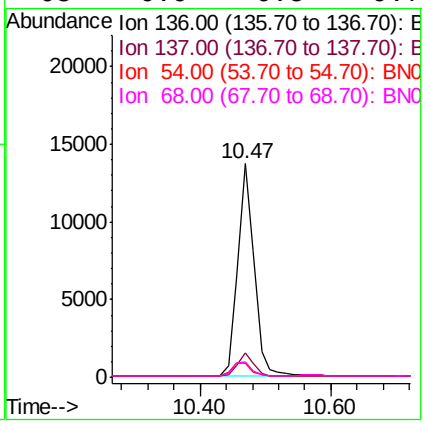


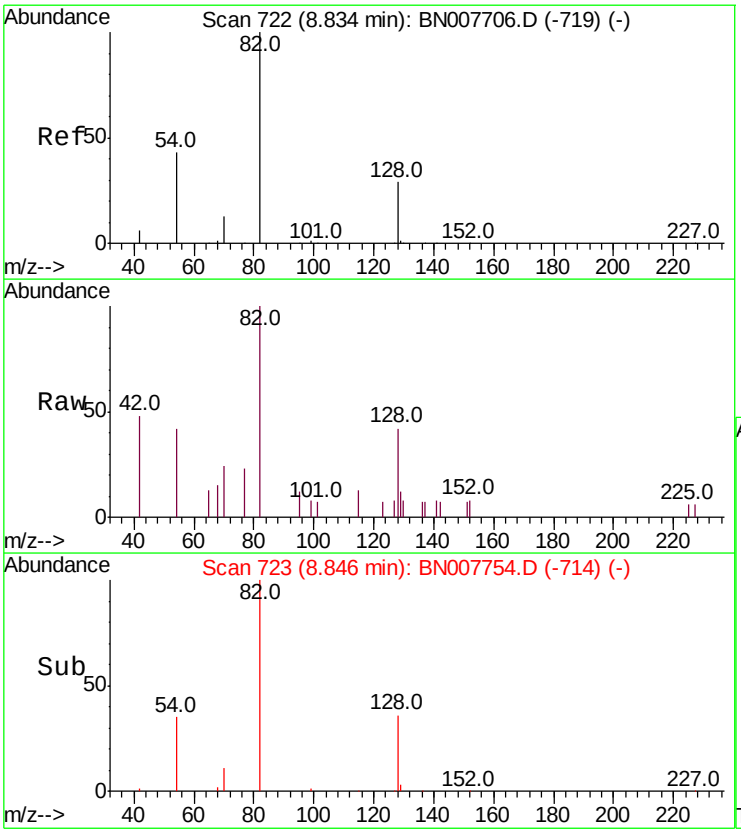
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:136 Resp: 24182

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.6	5.8	8.8
68	6.9	6.5	9.7

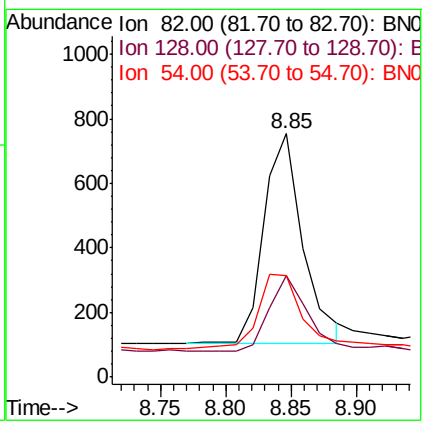


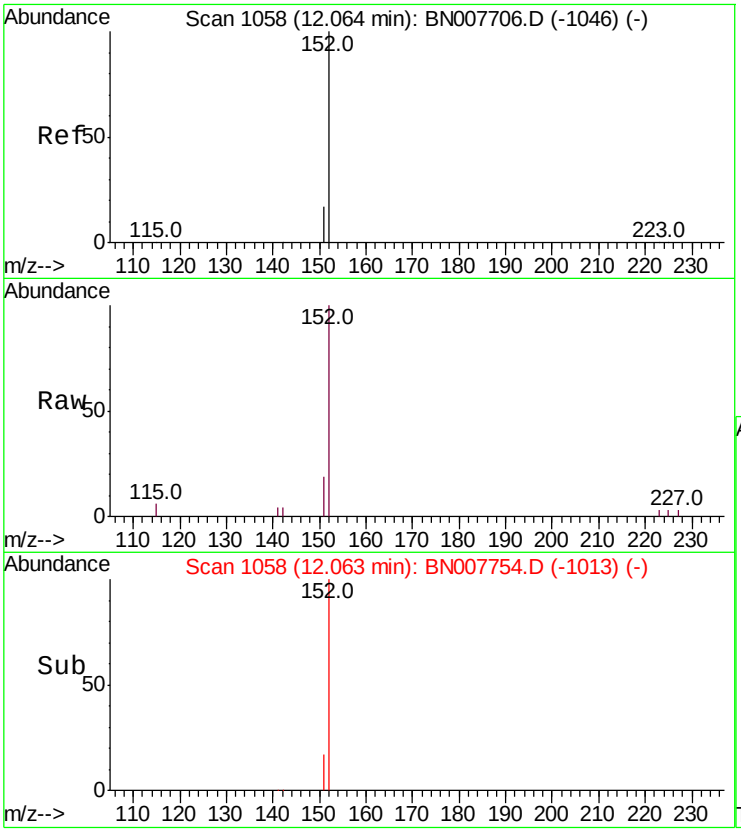


#8
Nitrobenzene-d5
Concen: 0.063 ng
RT: 8.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion: 82 Resp: 1339

Ion	Ratio	Lower	Upper
82	100		
128	41.9	24.5	36.7#
54	41.6	35.2	52.8



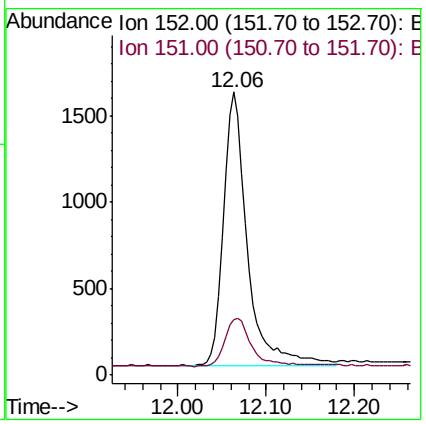


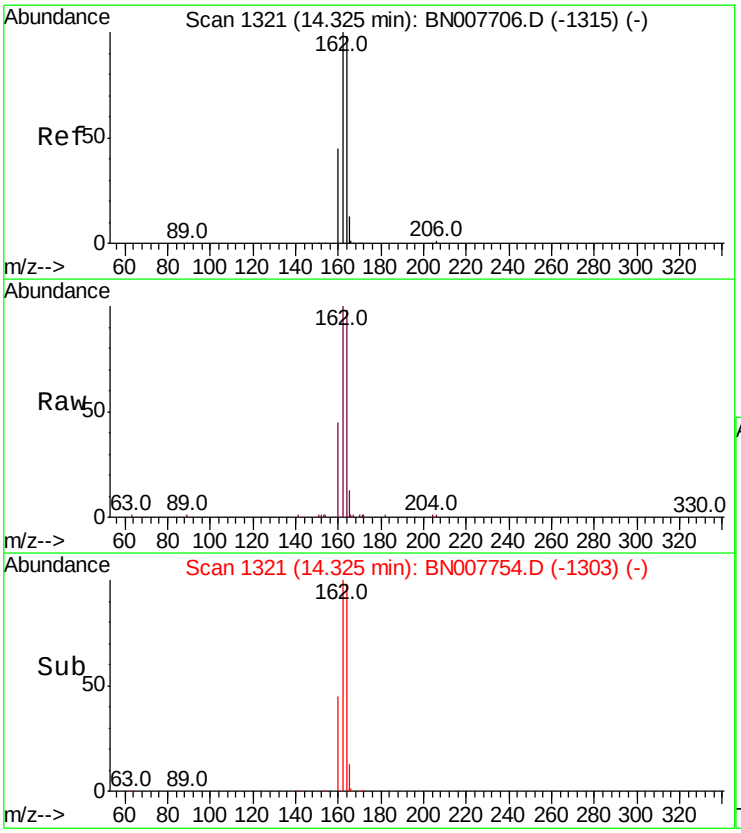
#11
2-Methylnaphthalene-d10
Concen: 0.074 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:152 Resp: 3028

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2

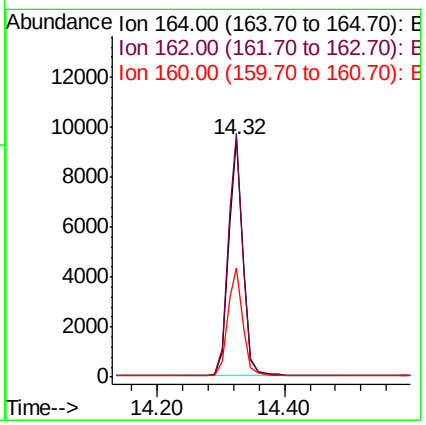


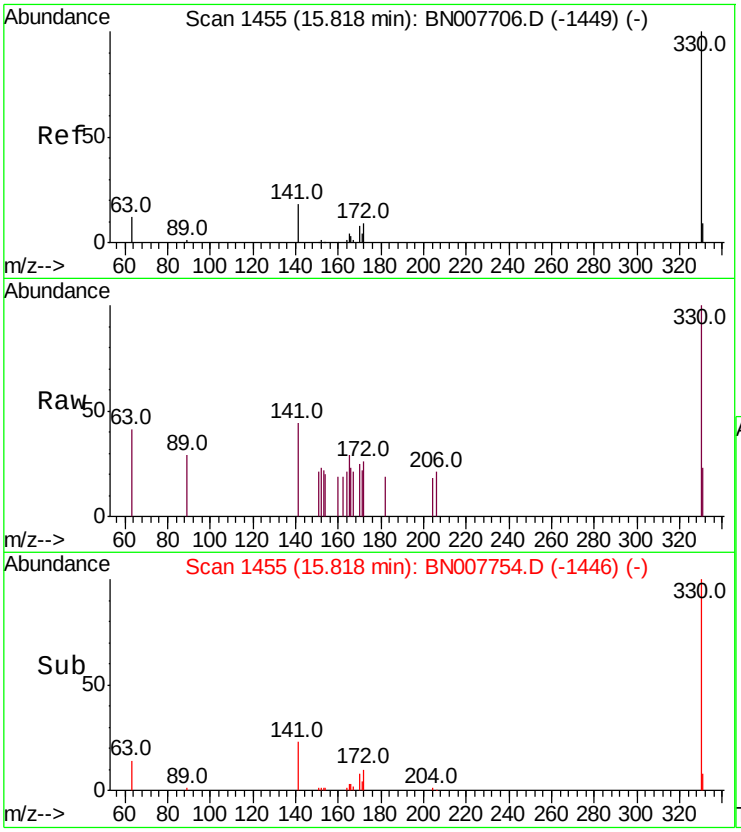


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:164 Resp: 14758

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	46.0	37.0	55.4



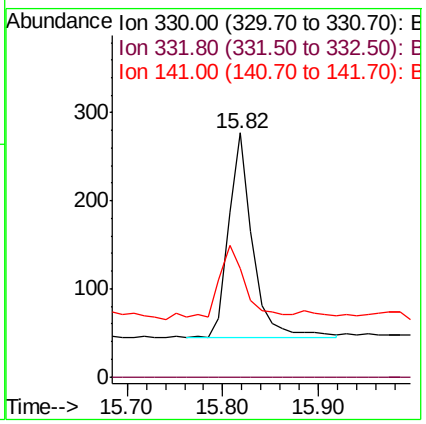


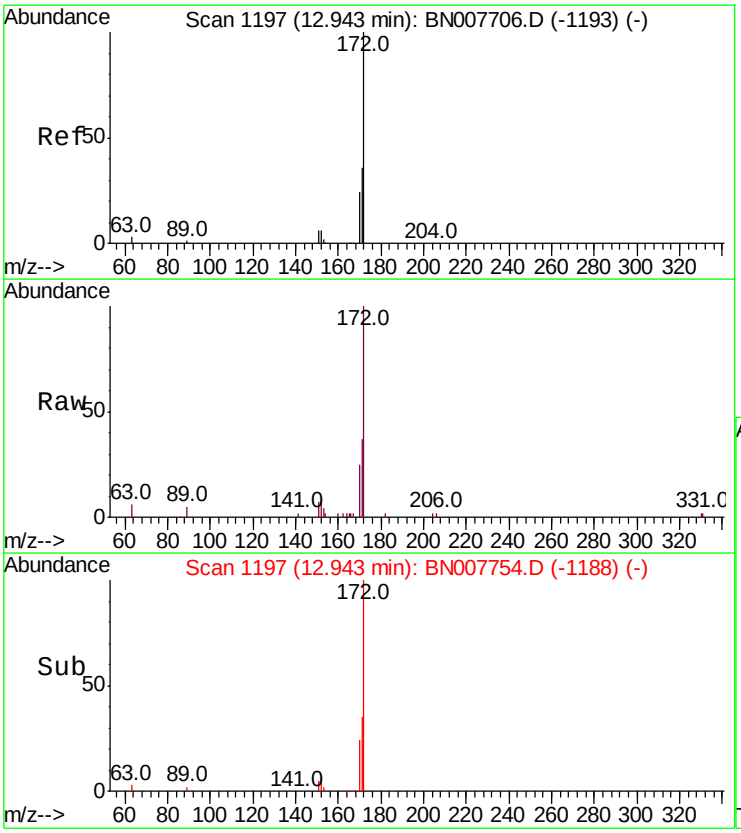
#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:330 Resp: 403

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.7	28.7	43.1

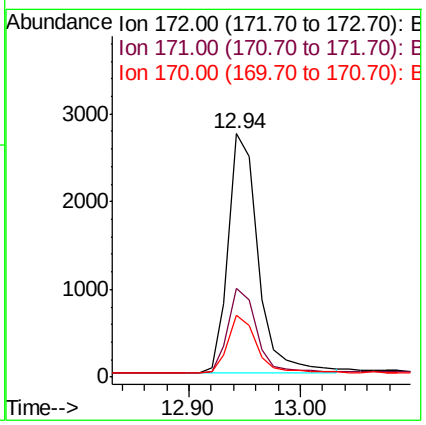


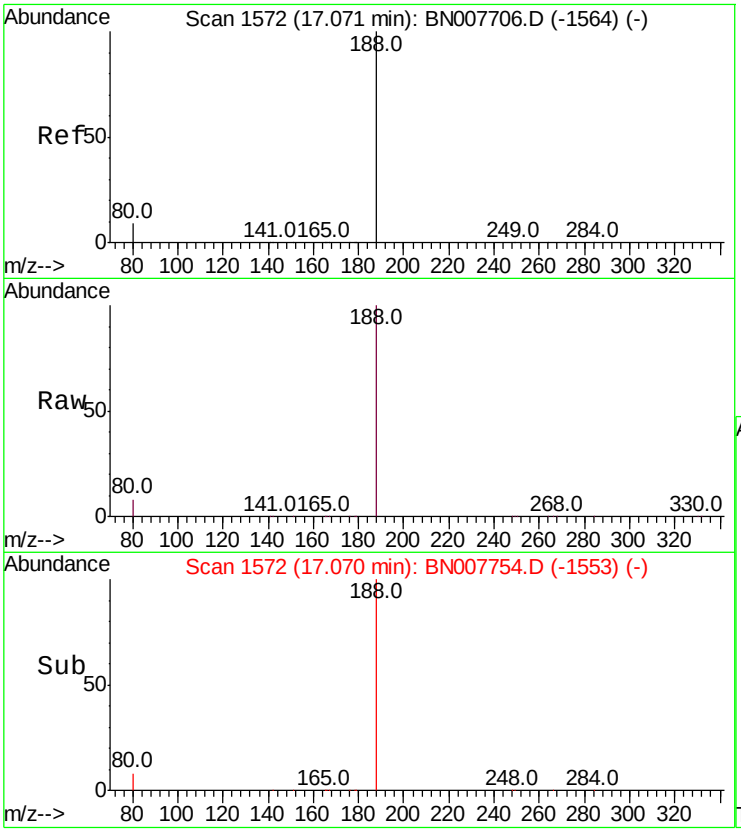


#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:172 Resp: 5079

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.8	43.2
170	25.2	19.5	29.3



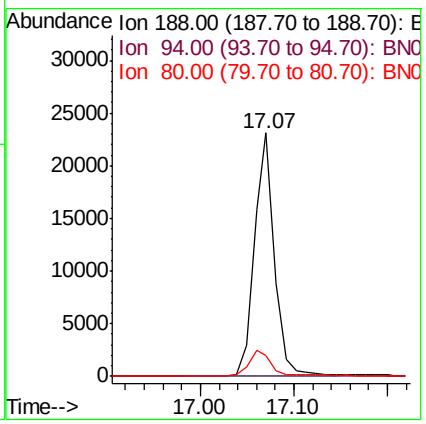


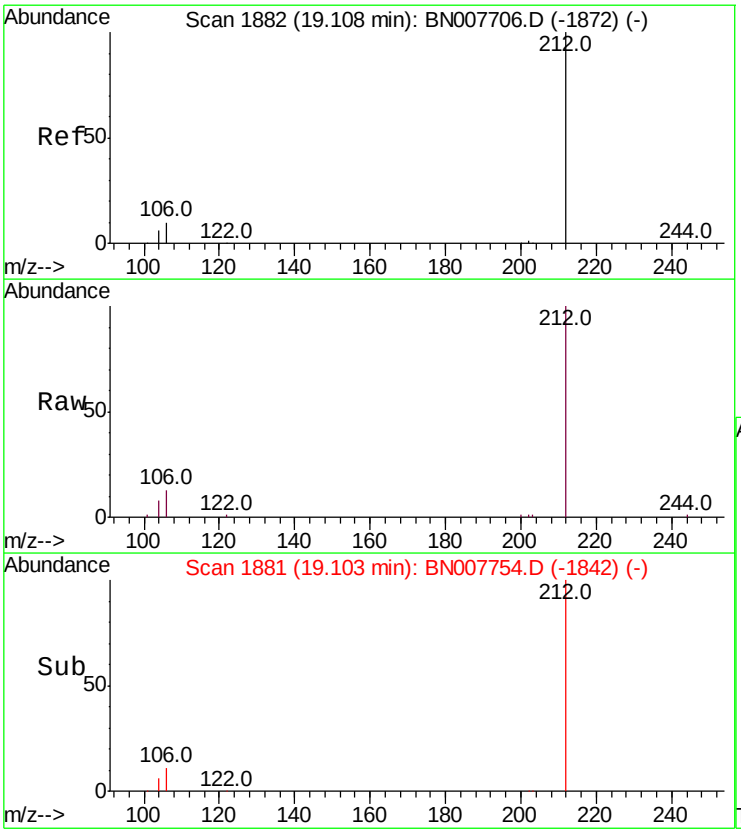
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:188 Resp: 34202

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.4	11.2

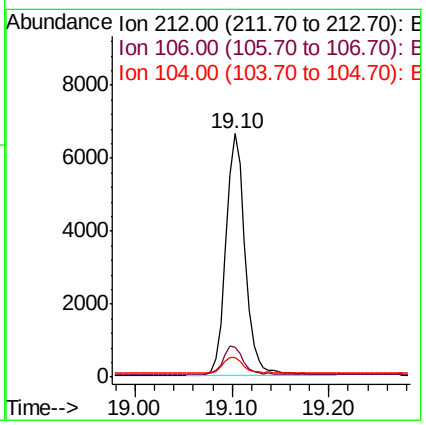


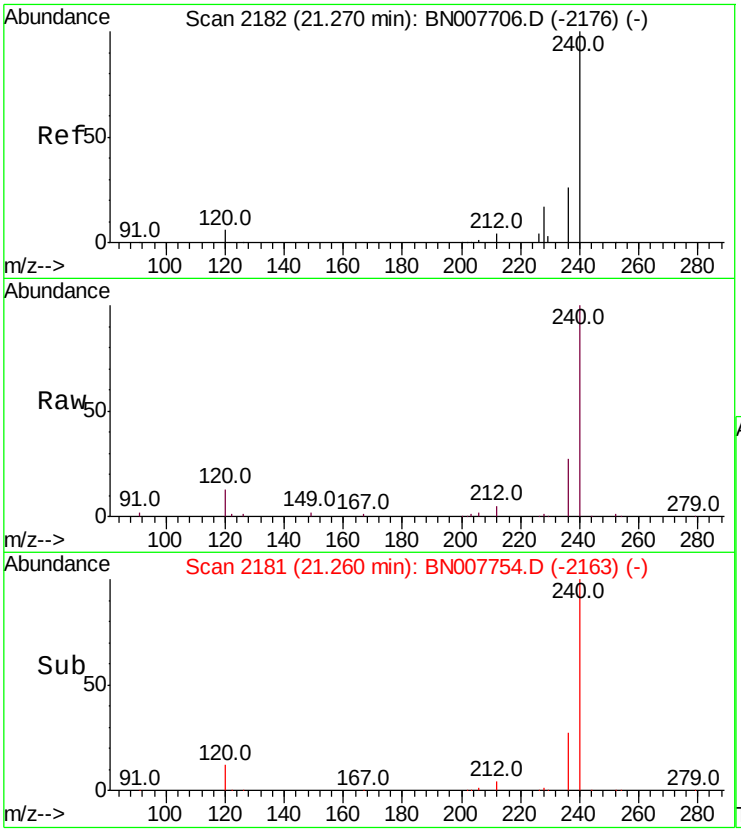


#25
Fluoranthene-d10
Concen: 0.080 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:212 Resp: 9196

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.4	14.0
104	6.8	5.3	7.9



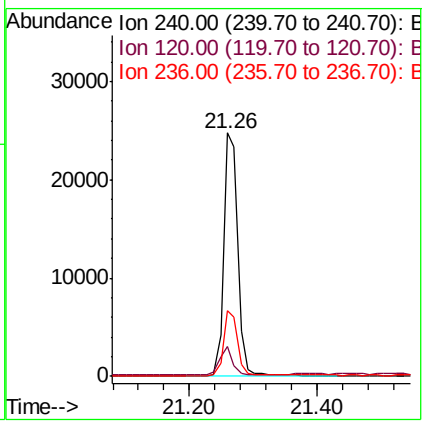


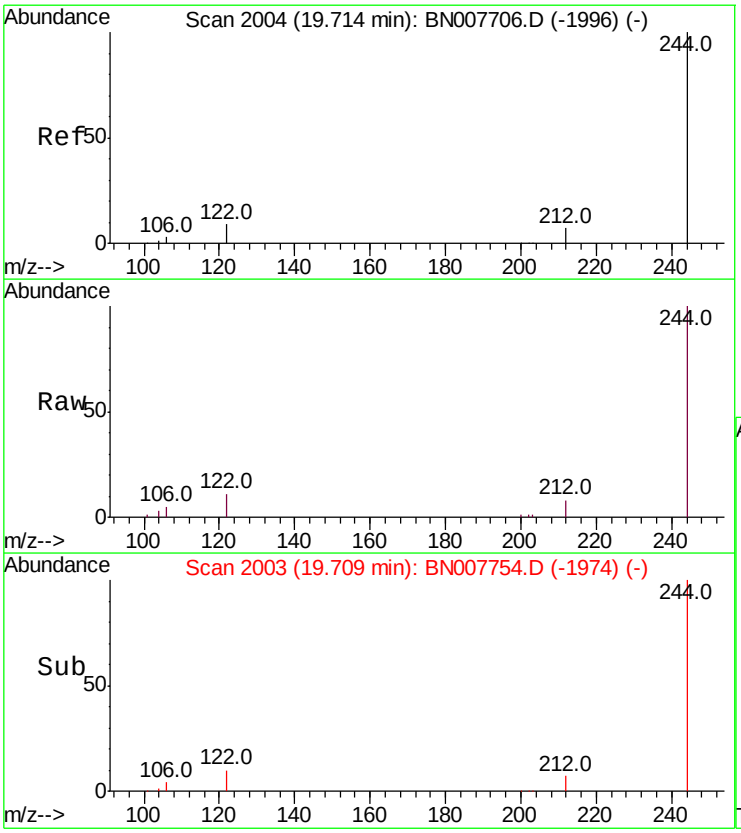
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:240 Resp: 37385

Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.4	8.2#
236	27.0	21.0	31.4

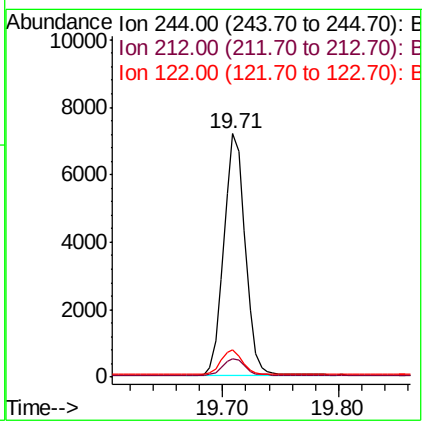


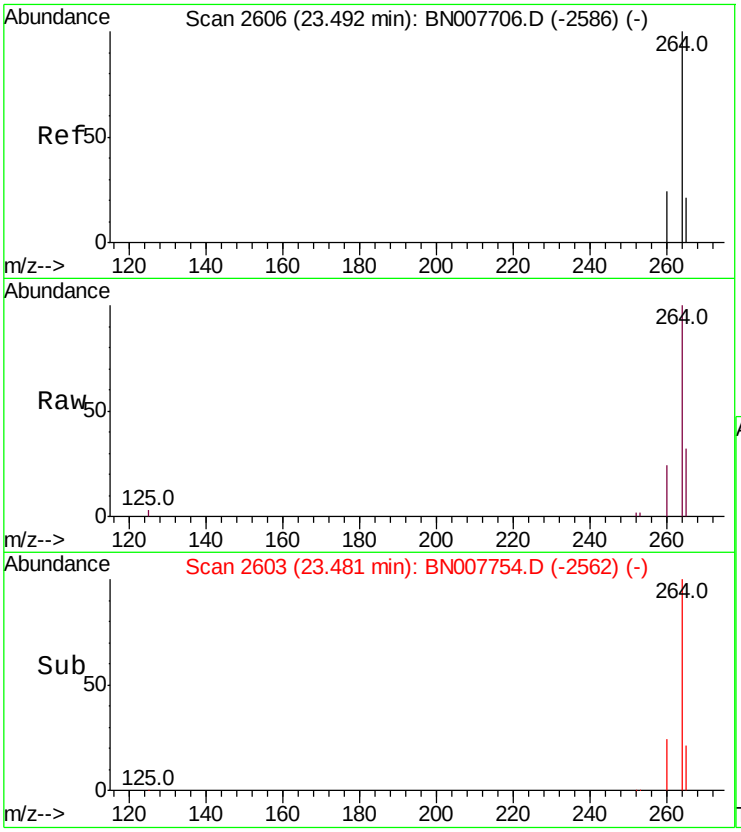


#29
Terphenyl-d14
Concen: 0.100 ng
RT: 19.71 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:244 Resp: 9203

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	11.0	7.4	11.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tgt Ion:264 Resp: 39107

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	31.8	26.9	40.3