Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007747.D
Acq On : 19 Sep 2019 18:47
Operator : HP/JU
Sample : K4975-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT101D-20190917

Quant Time: Sep 20 11:08:25 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	6234	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23734	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14309	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	32550	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37050	0.40	ng	0.00
34) Perylene-d12	23.49	264	40231	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1579	0.07	ng	0.00
5) Phenol-d6	6.87	99	1204	0.04	ng	0.00
8) Nitrobenzene-d5	8.83	82	5613	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	12236	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1163	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	19826	0.34	ng	0.00
25) Fluoranthene-d10	19.10	212	37500	0.34	ng	0.00
29) Terphenyl-d14	19.71	244	46067	0.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	30747	4.425	ng	# 92
6) bis(2-Chloroethyl)ether	7.14	93	971	0.055	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	3615	0.052	ng	99

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

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QLast Update : Wed Sep 18 18:24:40 2019
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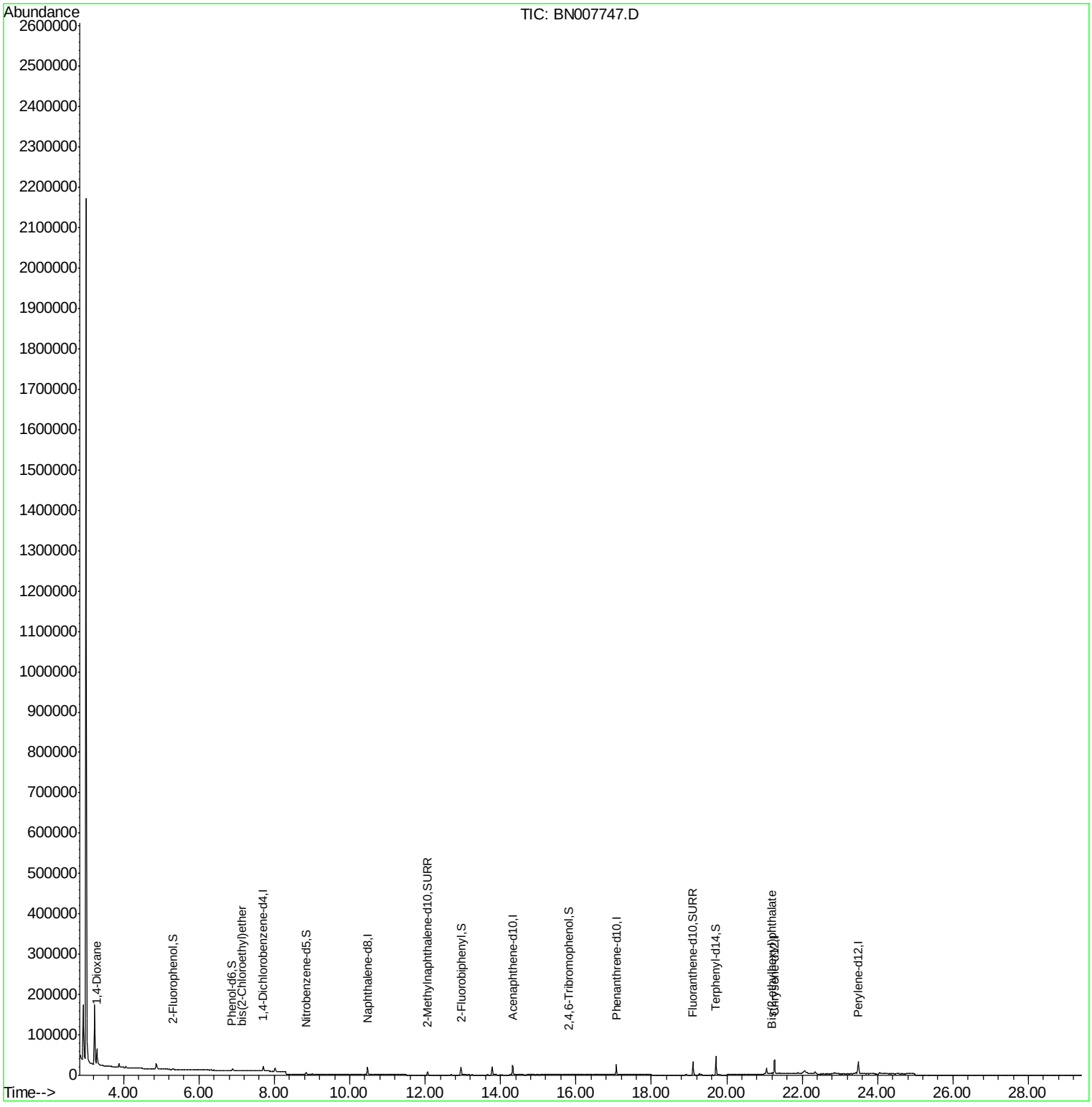
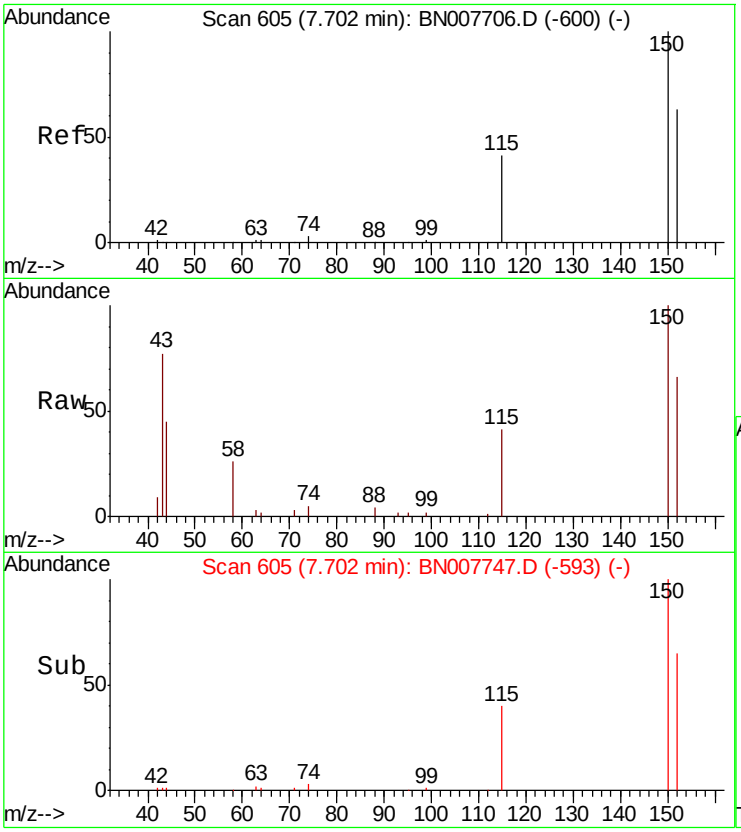


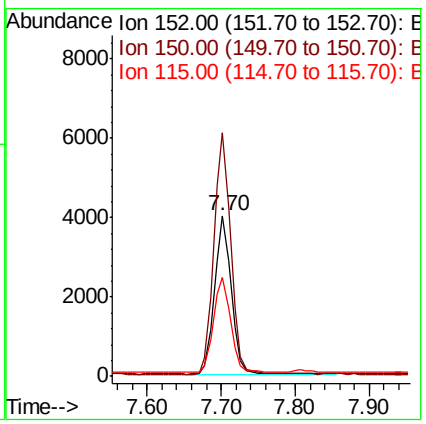


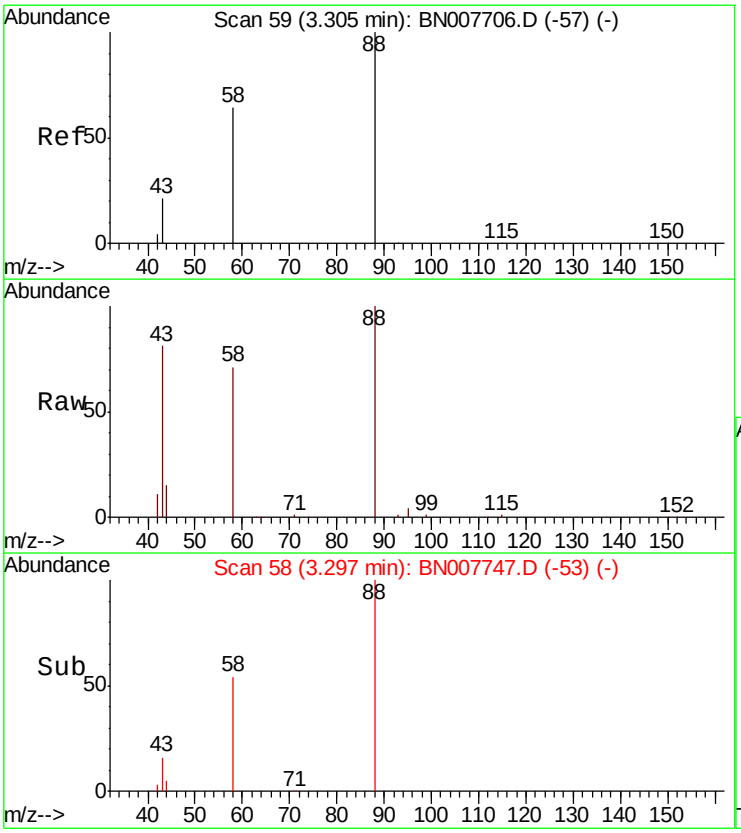
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:152 Resp: 6234

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.6	188.4
115	62.0	53.3	79.9

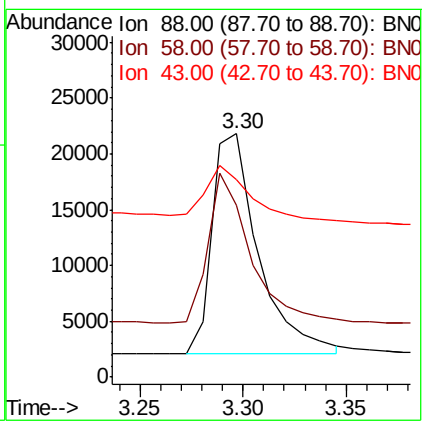


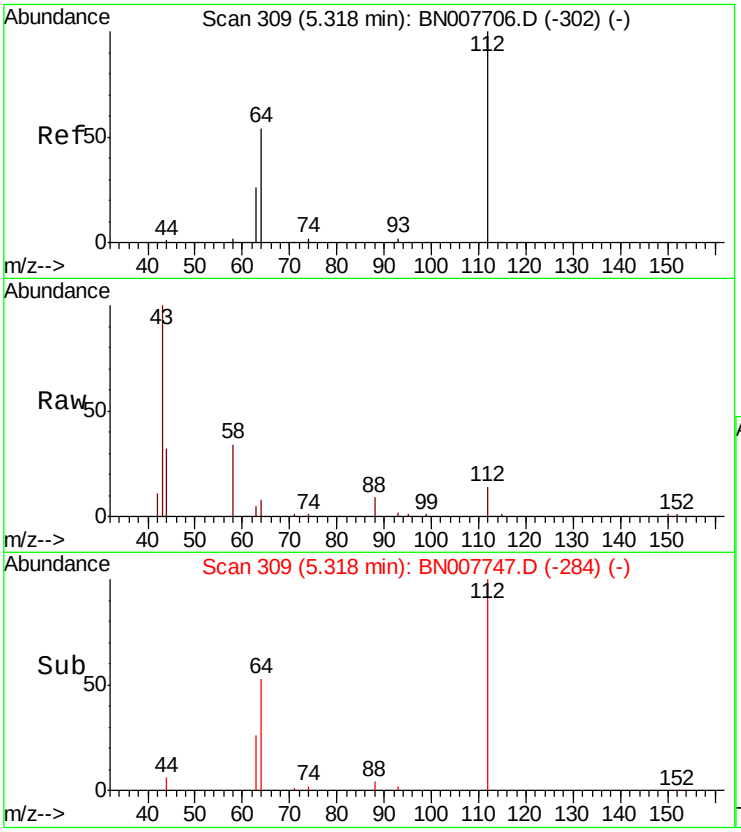


#2
1,4-Dioxane
Concen: 4.425 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion: 88 Resp: 30747

Ion	Ratio	Lower	Upper
88	100		
58	60.8	44.6	66.8
43	23.3	14.4	21.6#



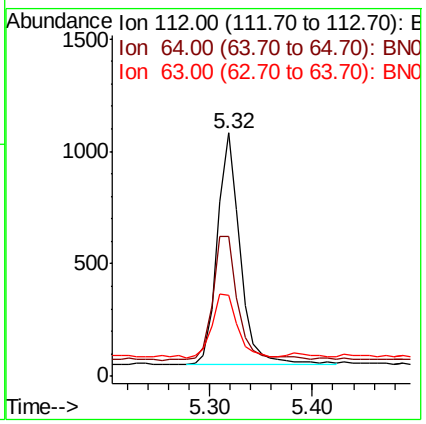


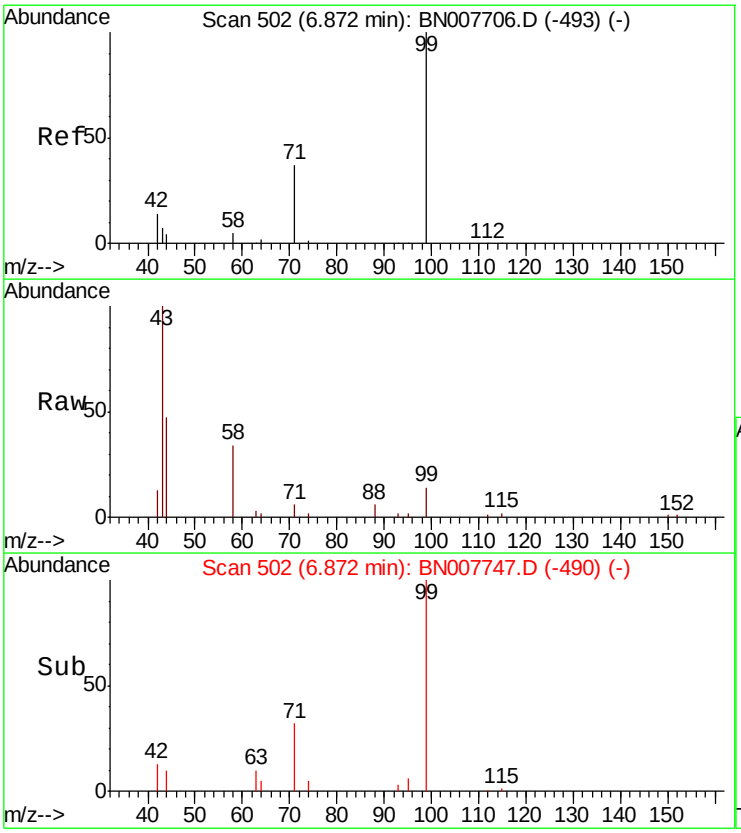
#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:112 Resp: 1579

Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.6	70.0
63	30.2	23.1	34.7

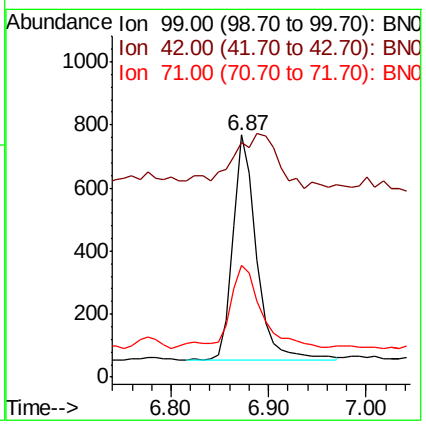


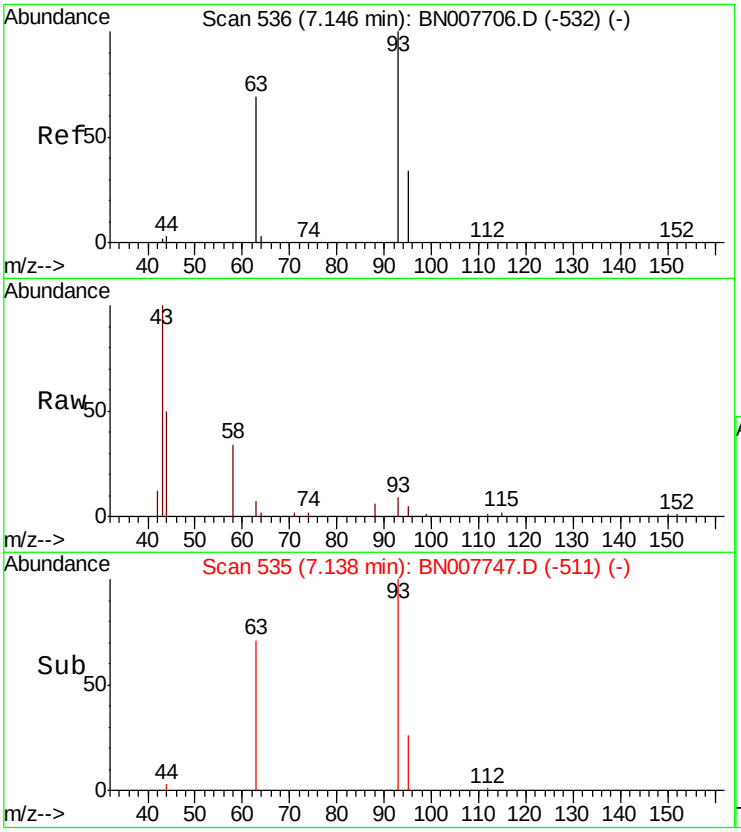


#5
Phenol-d6
Concen: 0.039 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion: 99 Resp: 1204

Ion	Ratio	Lower	Upper
99	100		
42	48.2	12.8	19.2#
71	47.8	27.6	41.4#



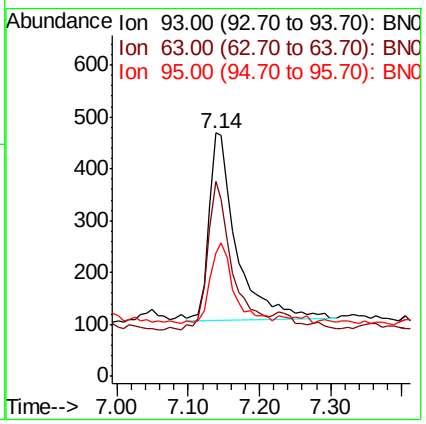


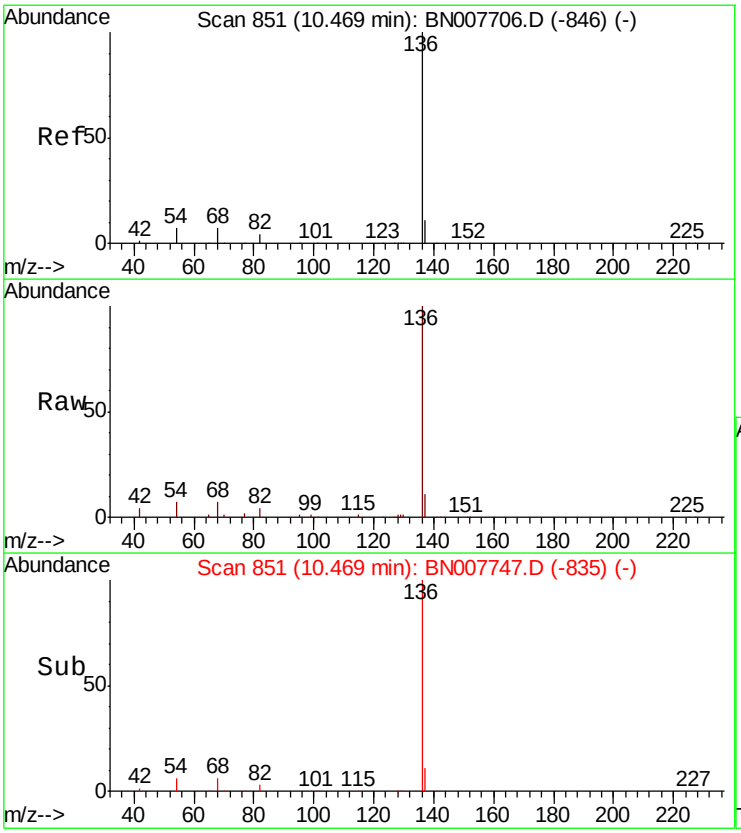
#6
bis(2-Chloroethyl)ether
Concen: 0.055 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion: 93 Resp: 971

Ion	Ratio	Lower	Upper
93	100		
63	70.6	59.3	88.9
95	35.8	31.4	47.0

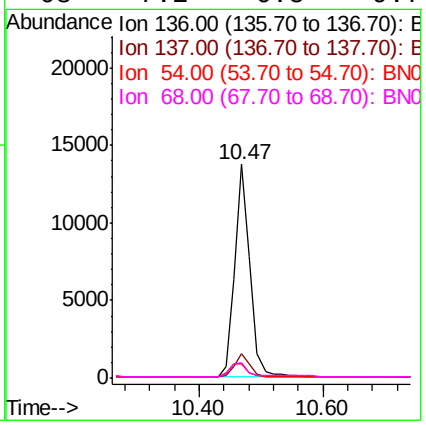


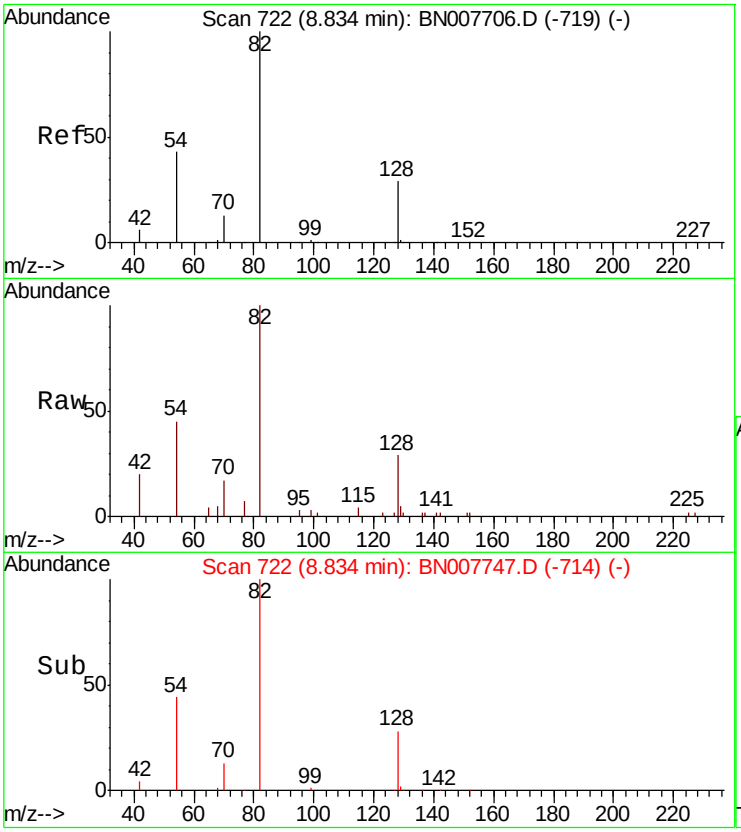


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:136 Resp: 23734

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.6	5.8	8.8
68	7.2	6.5	9.7



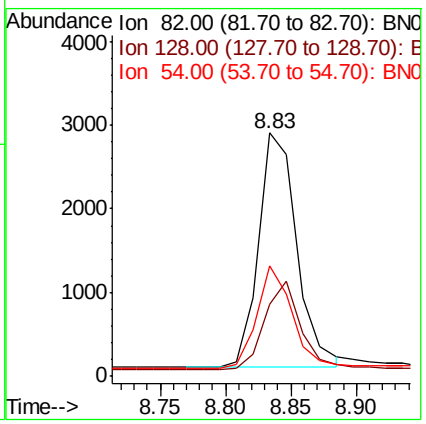


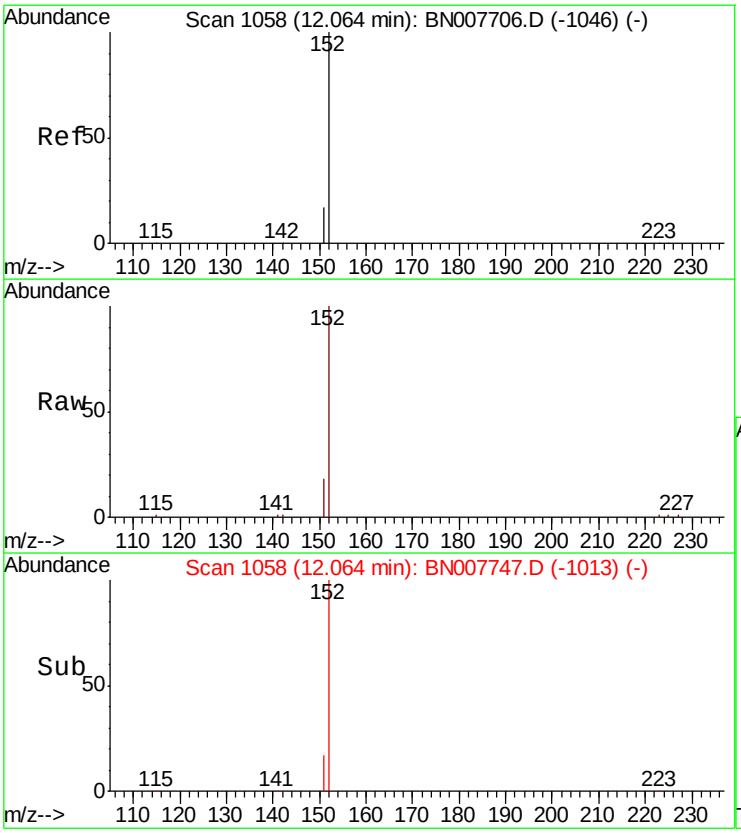
#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion: 82 Resp: 5613

Ion	Ratio	Lower	Upper
82	100		
128	29.4	24.5	36.7
54	45.5	35.2	52.8

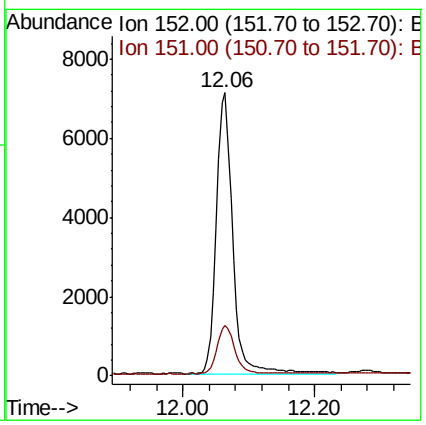


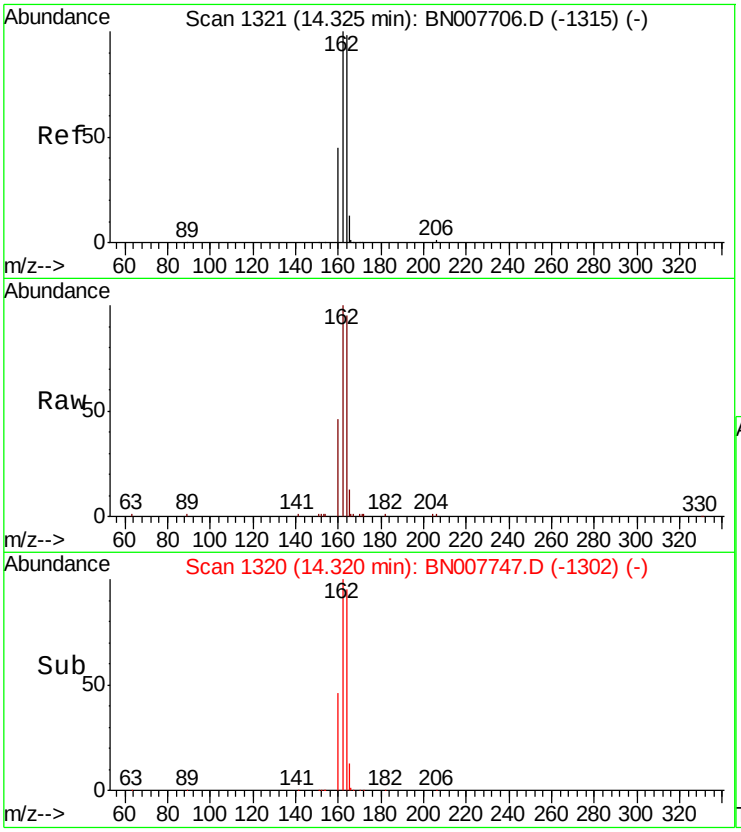


#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:152 Resp: 12236

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.2



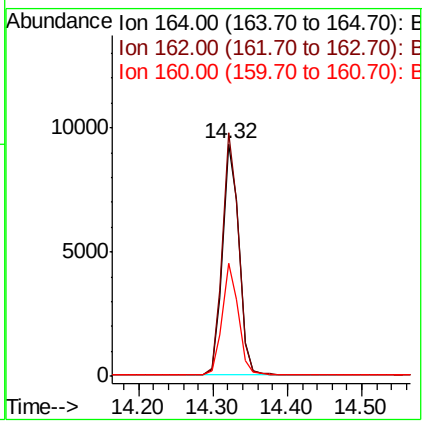


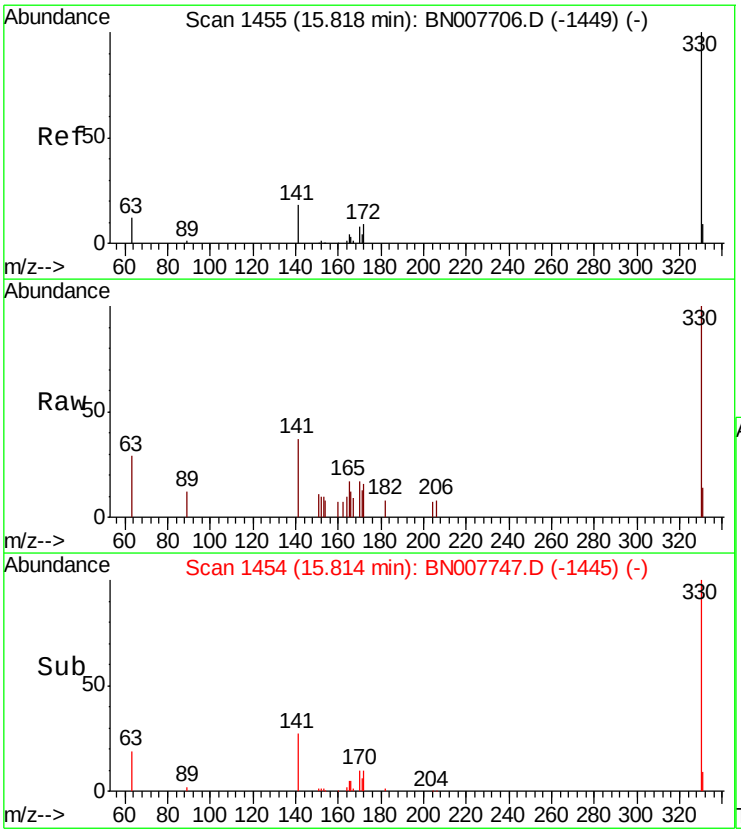
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:164 Resp: 14309

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.7	122.5
160	48.6	37.0	55.4

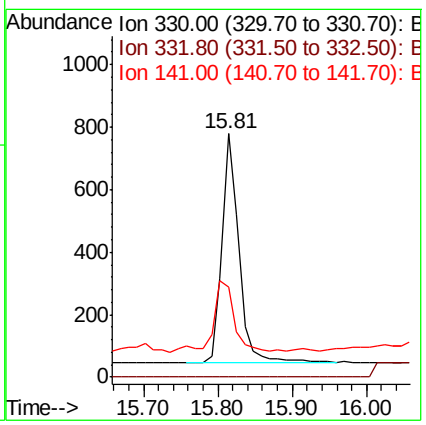


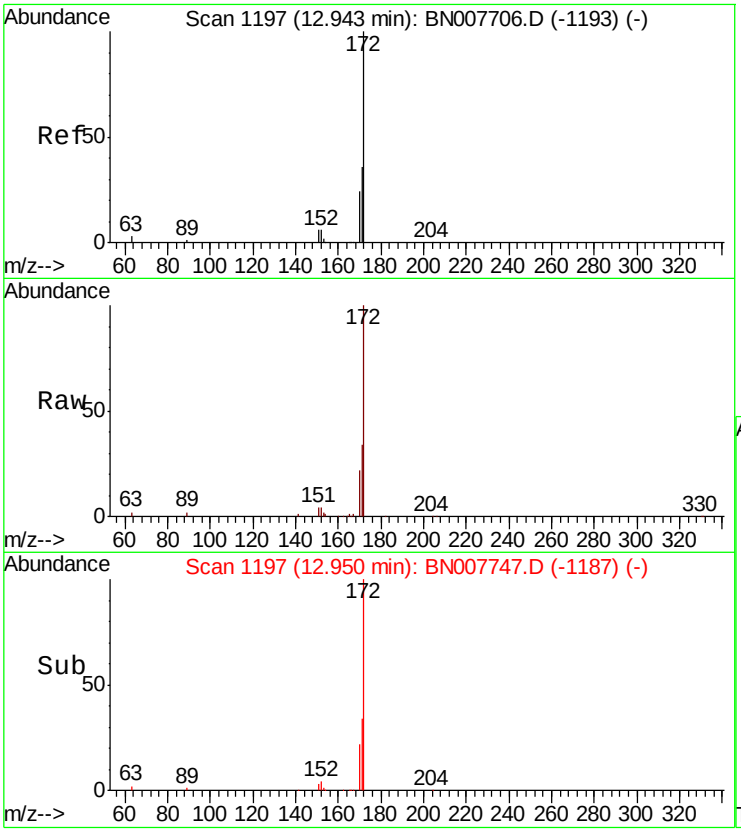


#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:330 Resp: 1163

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	28.7	43.1



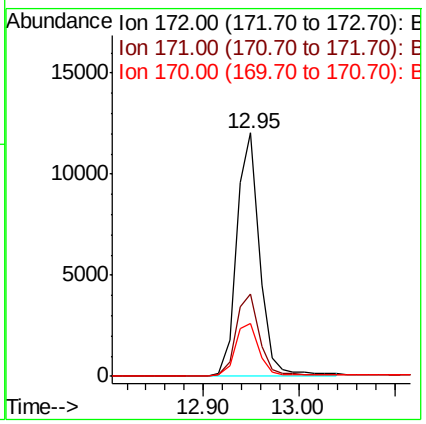


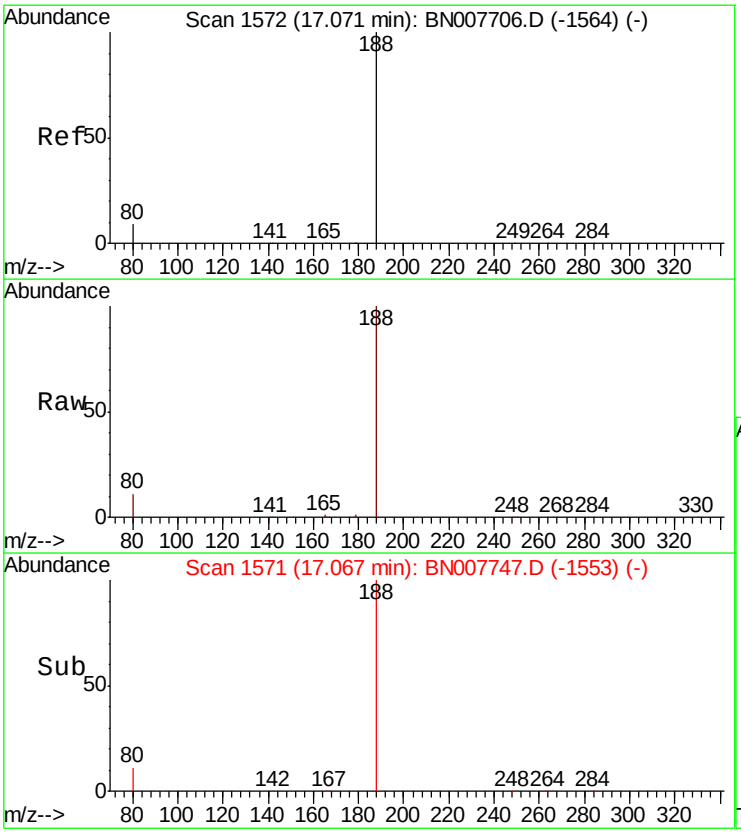
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:172 Resp: 19826

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.8	43.2
170	22.0	19.5	29.3

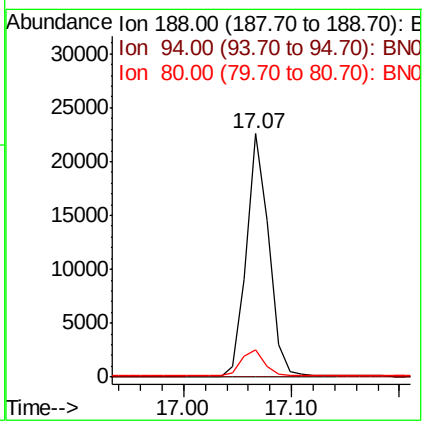


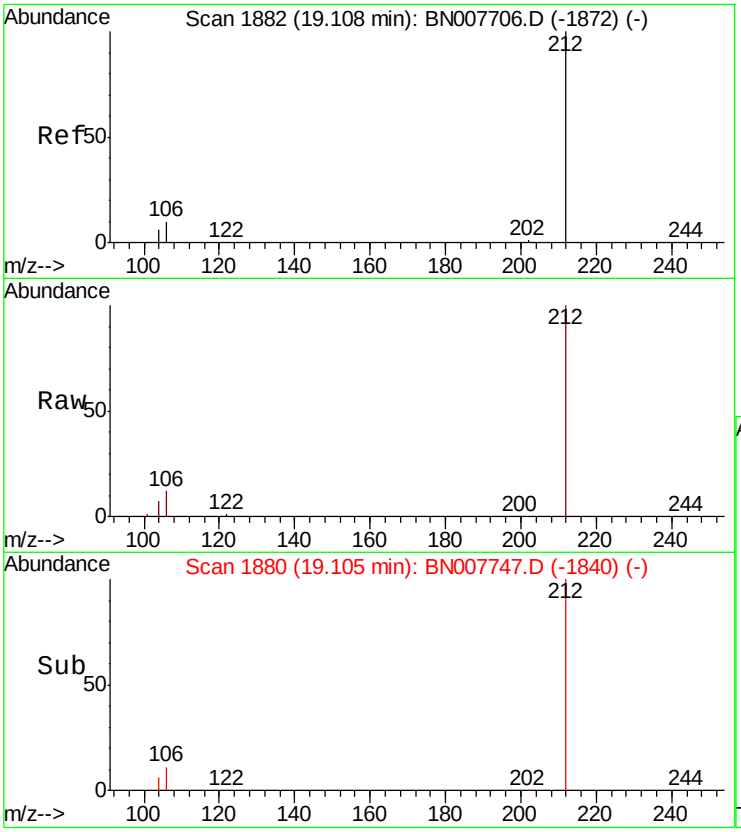


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:188 Resp: 32550

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	7.4	11.2



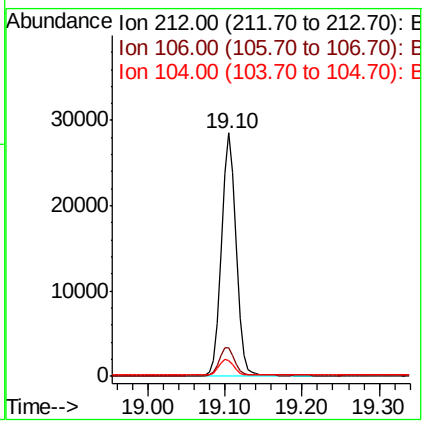


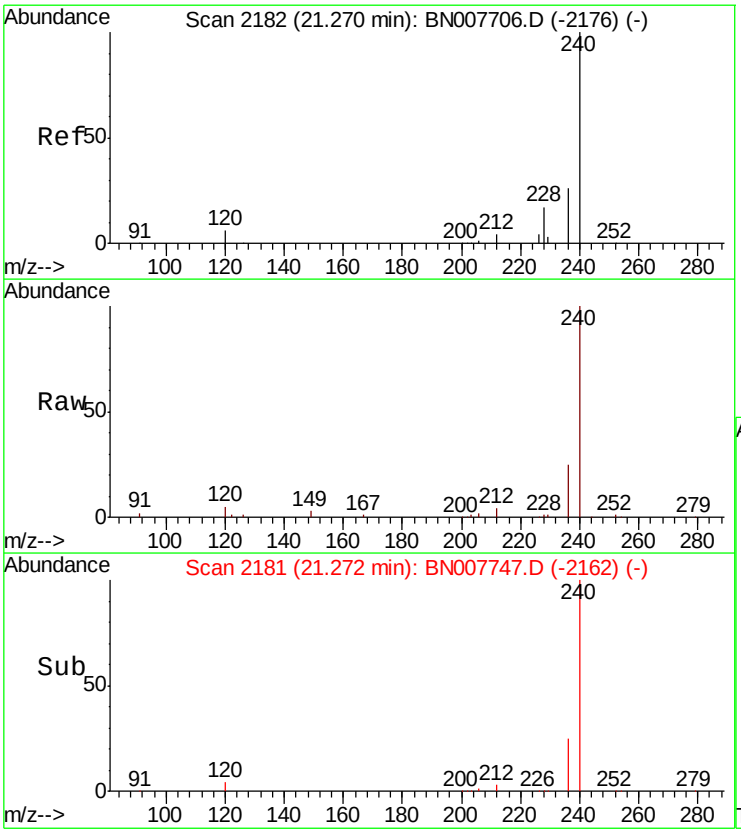
#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:212 Resp: 37500

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.0
104	6.8	5.3	7.9

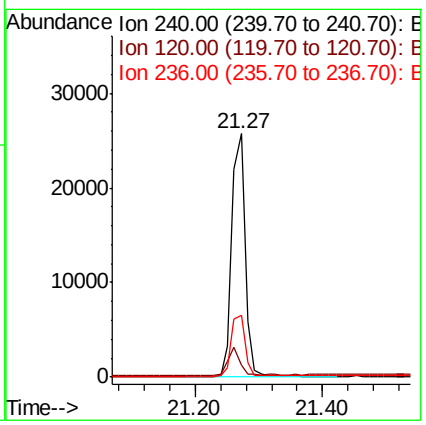


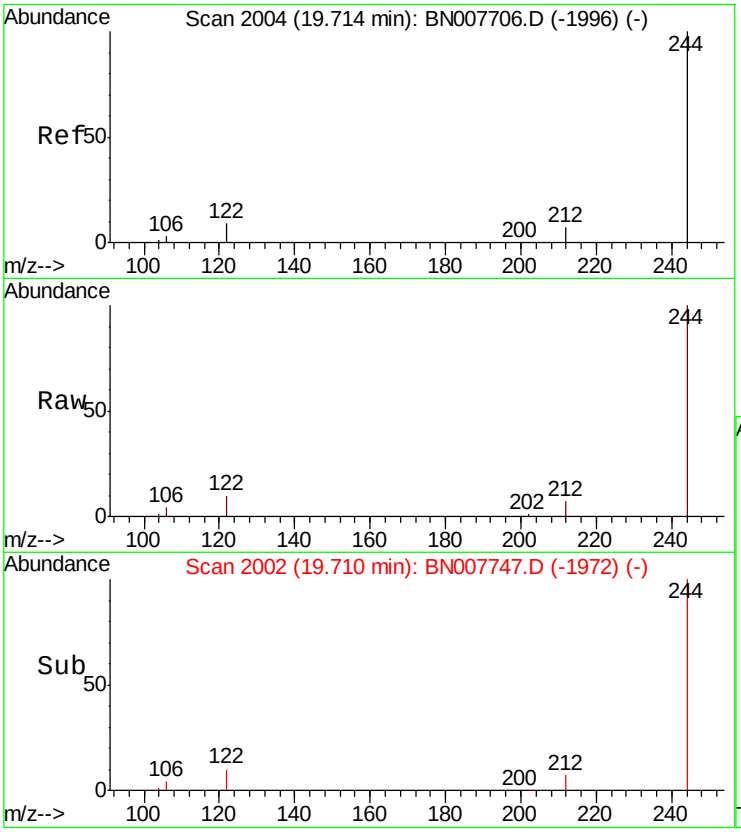


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:240 Resp: 37050

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.4	8.2#
236	25.4	21.0	31.4



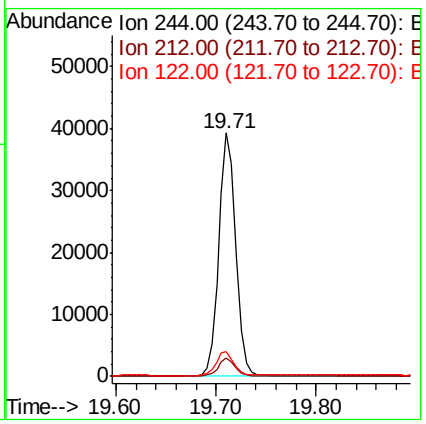


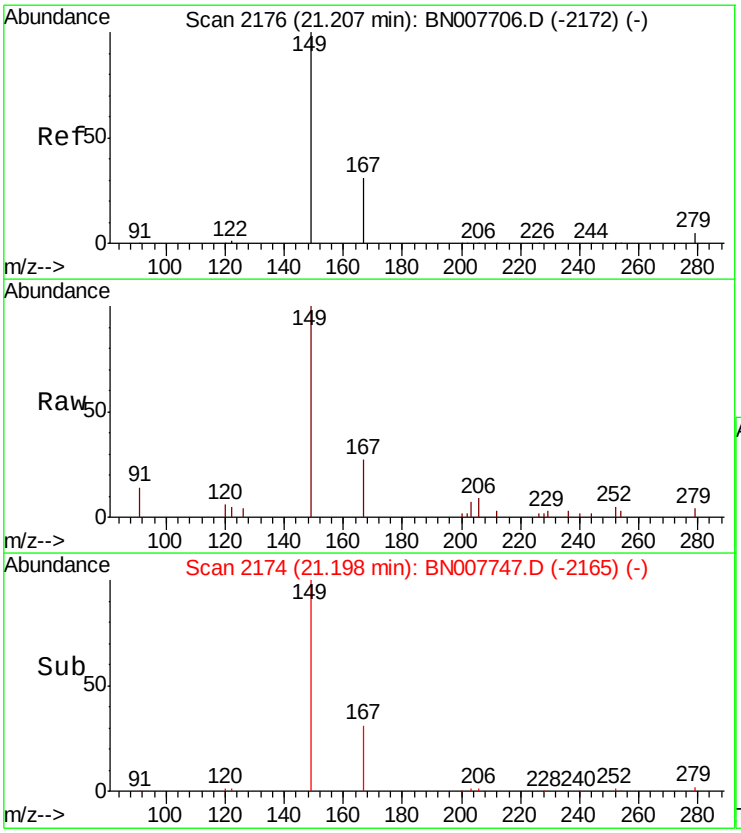
#29
Terphenyl-d14
Concen: 0.506 ng
RT: 19.71 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:244 Resp: 46067

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	7.4	11.2

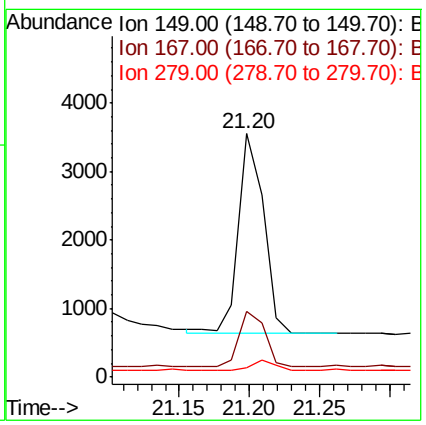


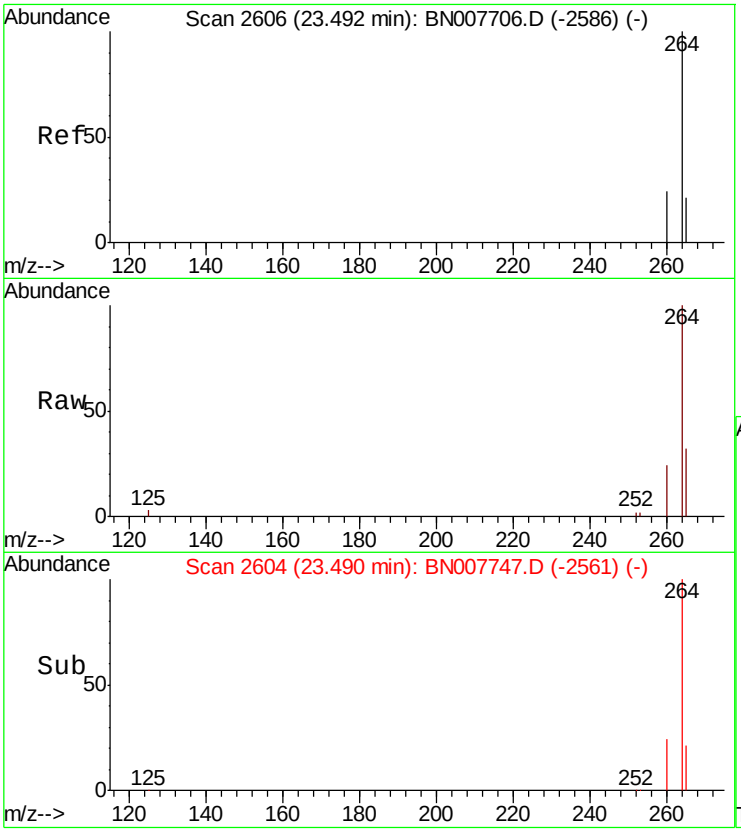


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.20 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Tgt Ion:149 Resp: 3615

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	4.9	4.2	6.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BN007747.D
Acq: 19 Sep 2019 18:47

Instrument :
BNA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:264 Resp: 40231

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	31.8	26.9	40.3