Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007780.D
Acq On : 21 Sep 2019 01:54
Operator : HP/JU
Sample : K4975-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE105D1-20190918

Quant Time: Sep 21 04:25:02 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	7.69	152	6561	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	25469	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15507	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	34784	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	36681	0.40	ng		-0.02
34) Perylene-d12	23.46	264	38750	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2150	0.10	ng		0.00
5) Phenol-d6	6.87	99	1564	0.05	ng		0.00
8) Nitrobenzene-d5	8.83	82	5912	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	14057	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1674	0.20	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	20211	0.32	ng		0.00
25) Fluoranthene-d10	19.09	212	38785	0.33	ng		-0.01
29) Terphenyl-d14	19.70	244	35109	0.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	27022	3.695	ng	#	93
6) bis(2-Chloroethyl)ether	7.14	93	644	0.035	ng		86
32) Bis(2-ethylhexyl)phthalate	21.19	149	2459	0.035	ng	#	89

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

Quantitation Report (QT Reviewed)

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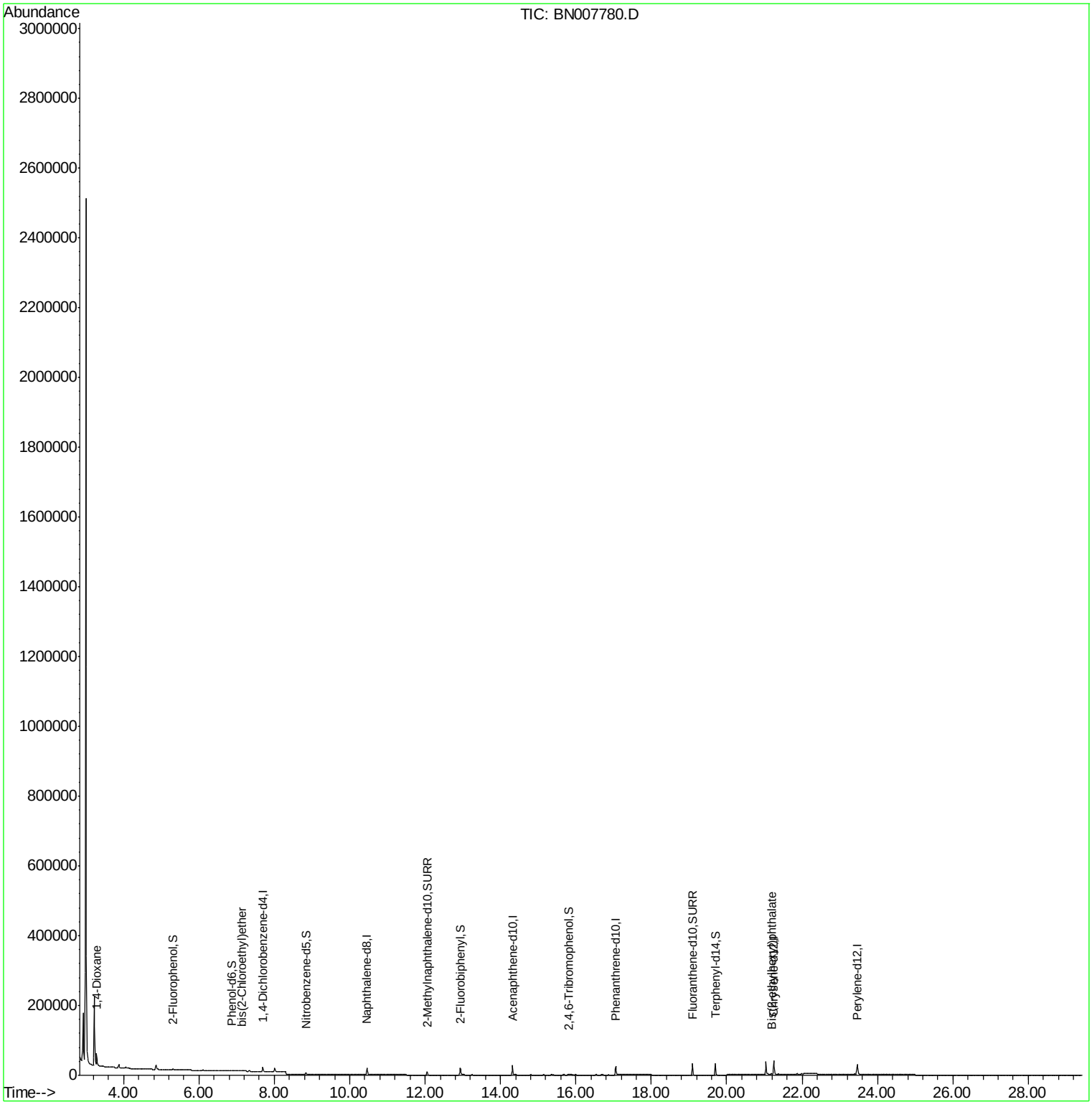
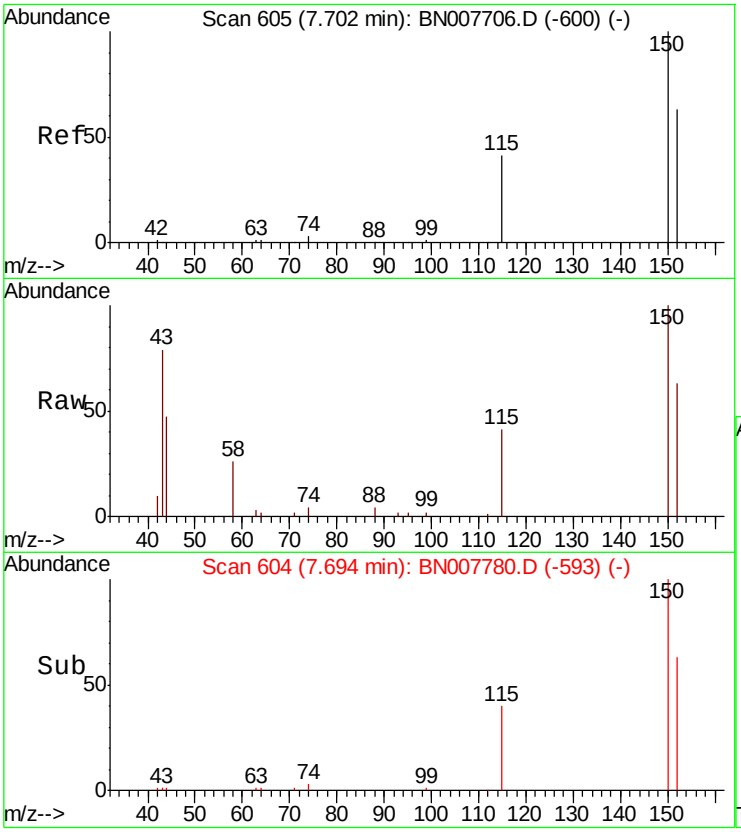
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



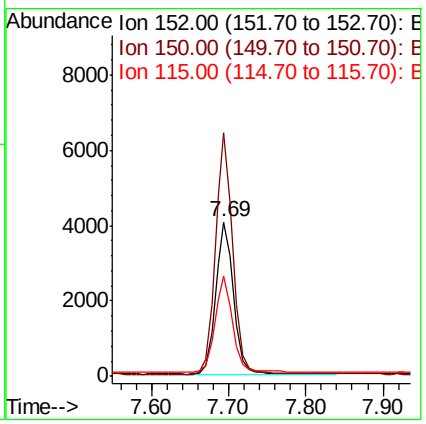


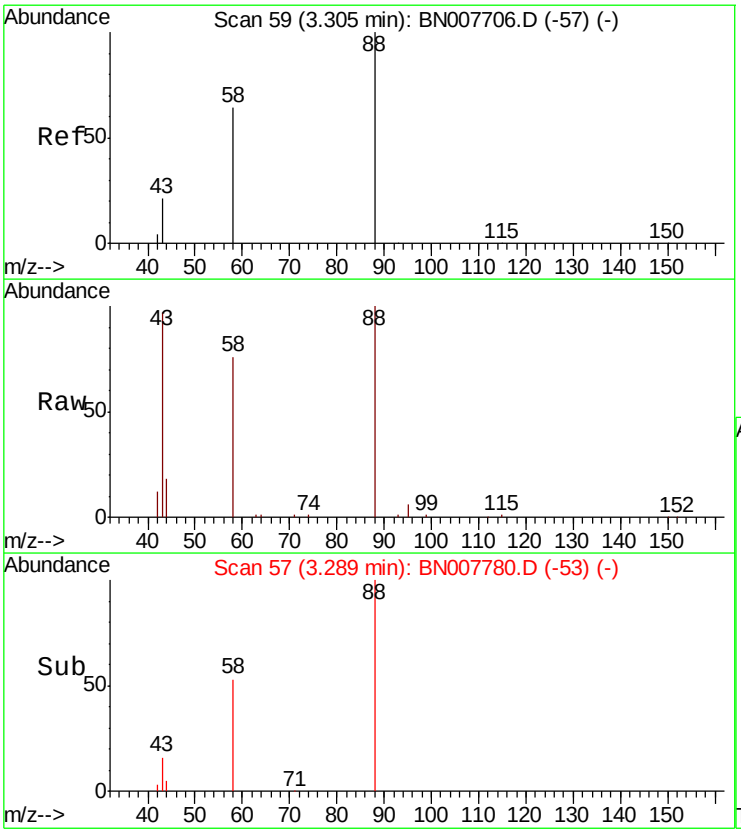
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:152 Resp: 6561

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.6	188.4
115	64.9	53.3	79.9

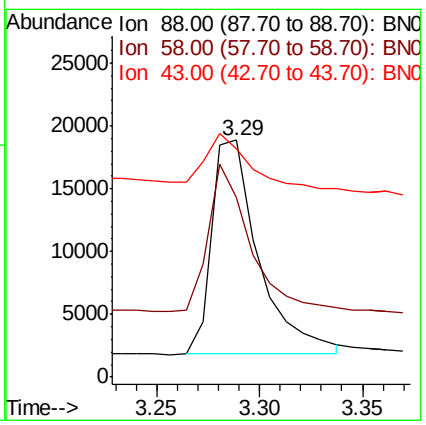


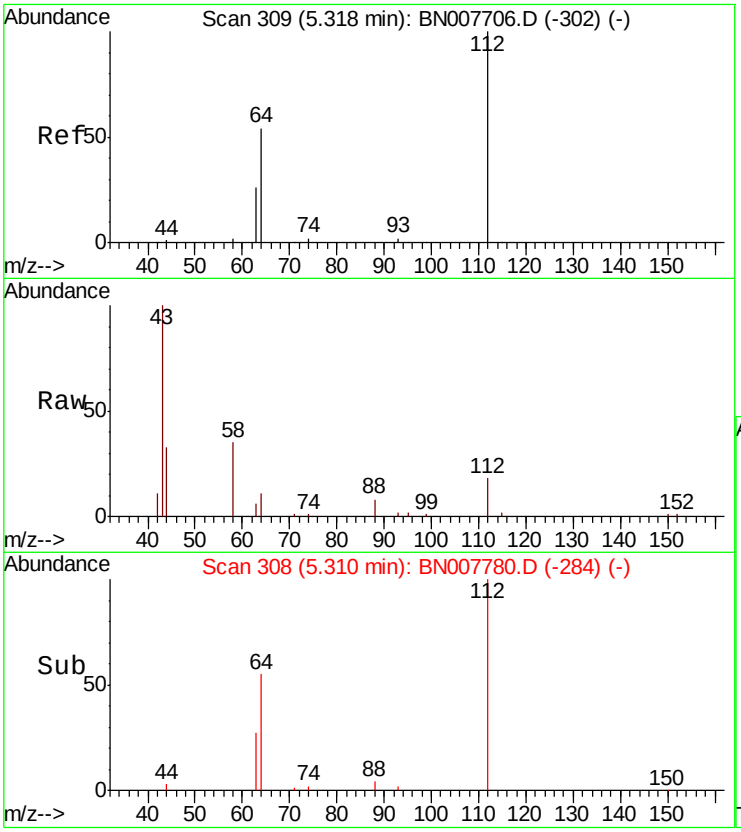


#2
1,4-Dioxane
Concen: 3.695 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion: 88 Resp: 27022

Ion	Ratio	Lower	Upper
88	100		
58	59.8	44.6	66.8
43	23.2	14.4	21.6#



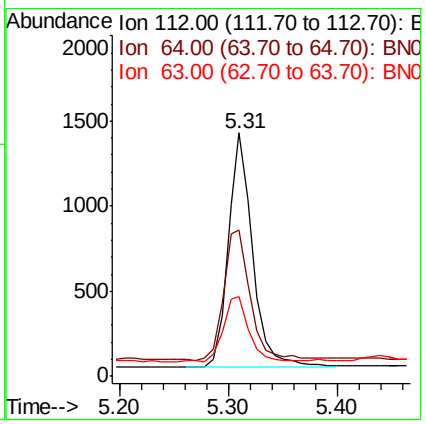


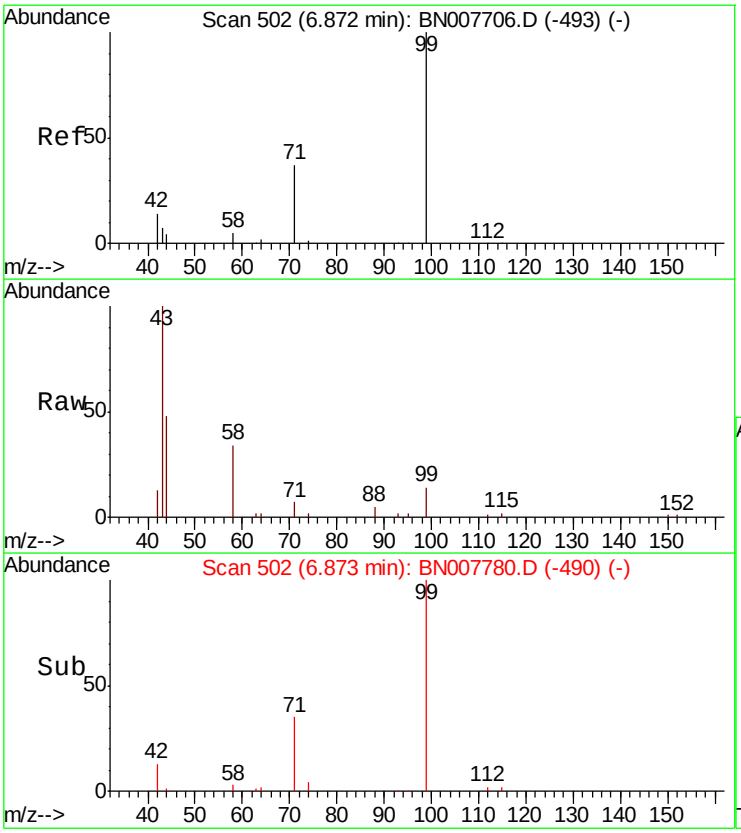
#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:112 Resp: 2150

Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.6	70.0
63	30.2	23.1	34.7

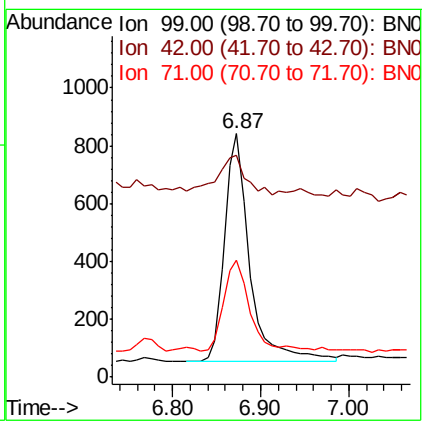


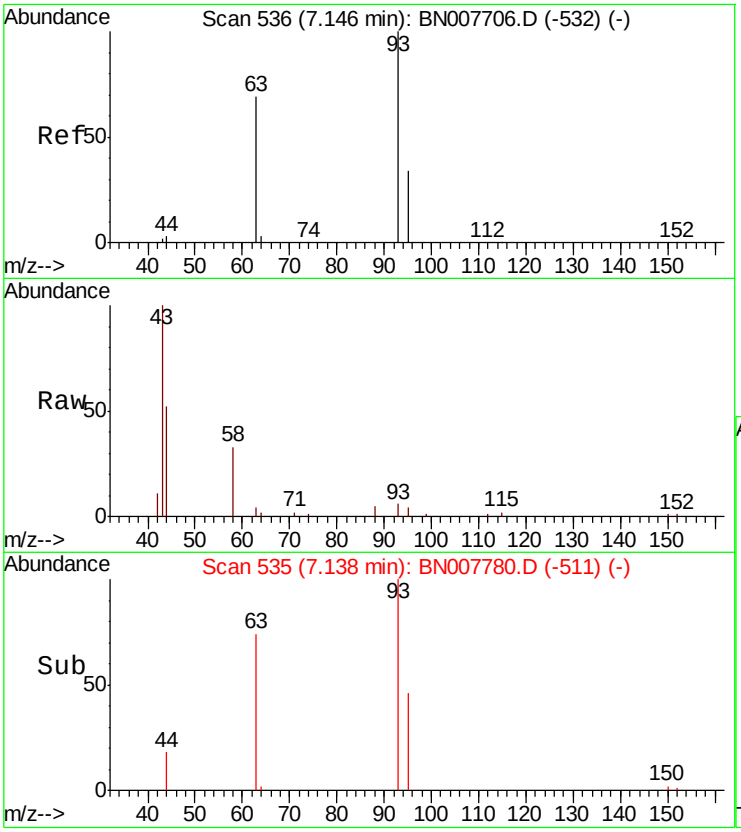


#5
Phenol-d6
Concen: 0.050 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion: 99 Resp: 1564

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.8	19.2
71	41.4	27.6	41.4



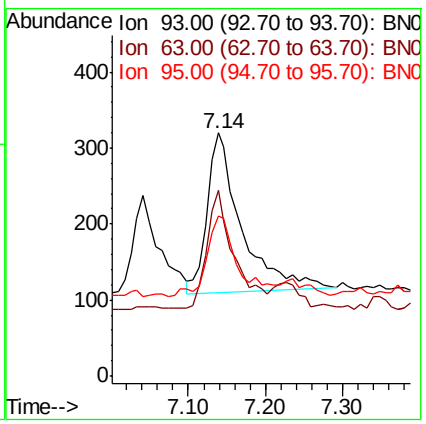


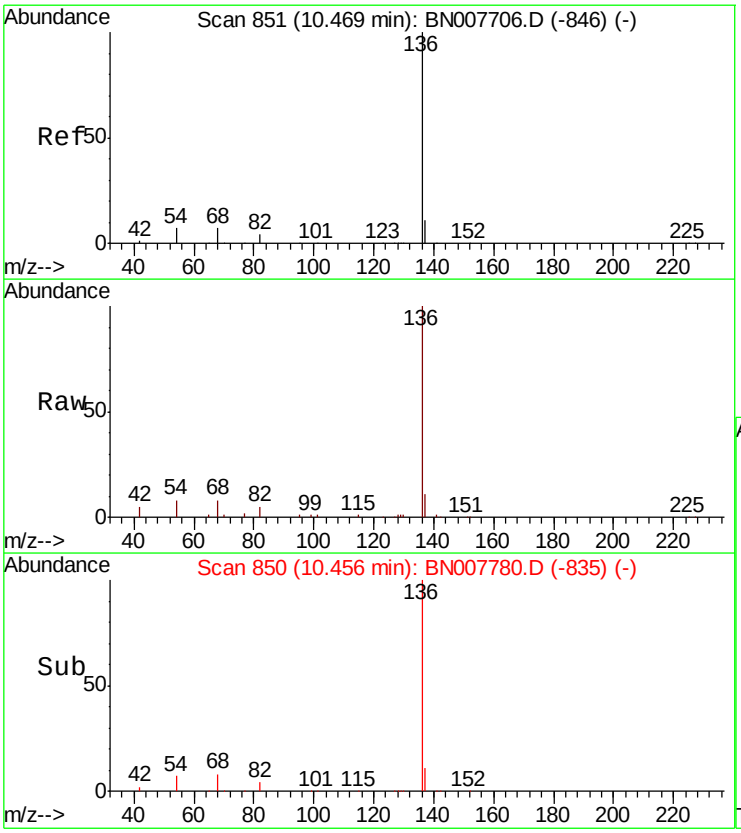
#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion: 93 Resp: 644

Ion	Ratio	Lower	Upper
93	100		
63	60.4	59.3	88.9
95	45.2	31.4	47.0

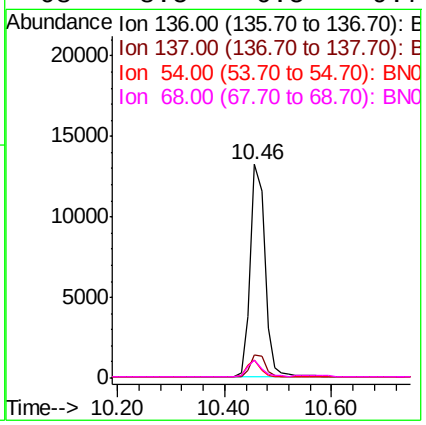


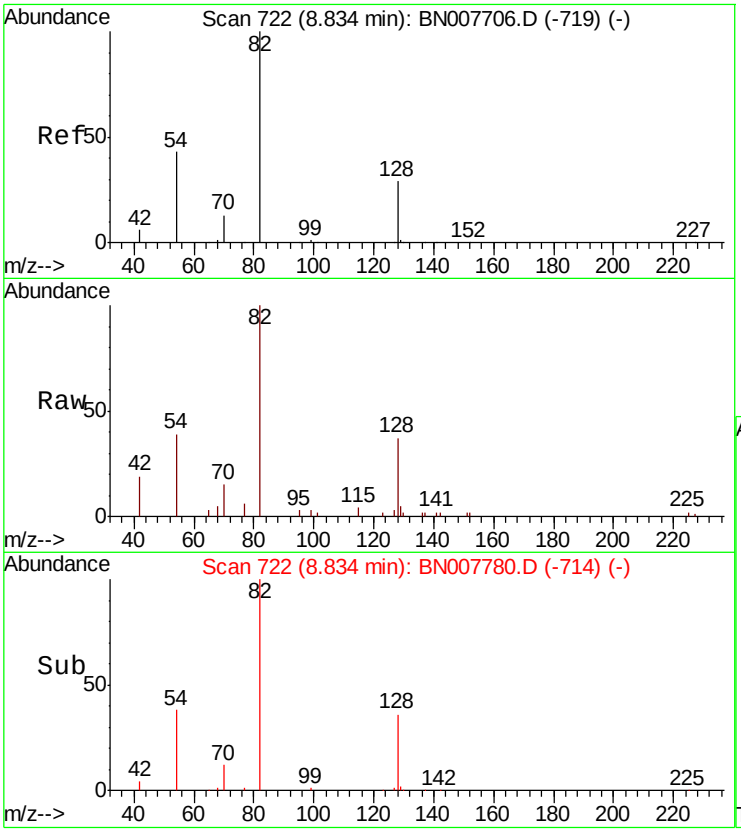


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion:136 Resp: 25469

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.1	5.8	8.8
68	8.5	6.5	9.7



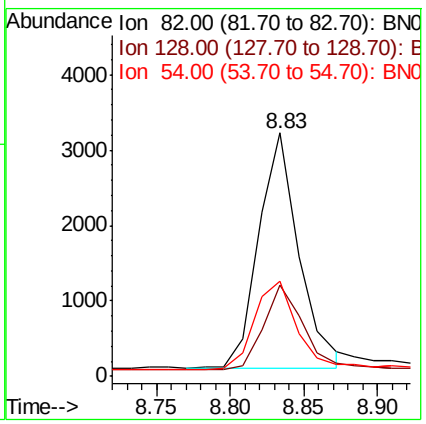


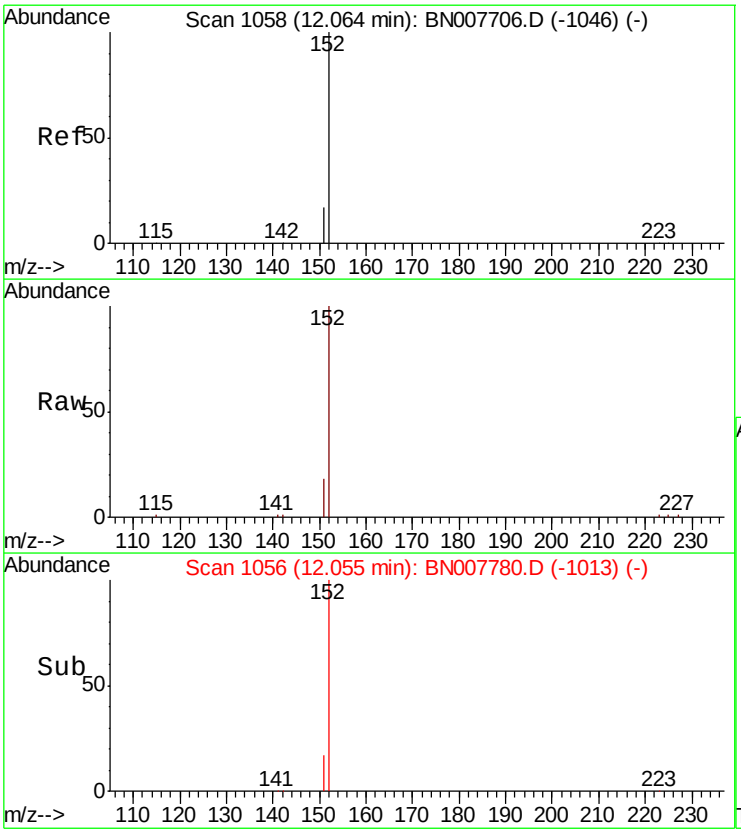
#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion: 82 Resp: 5912

Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.5	36.7#
54	39.3	35.2	52.8

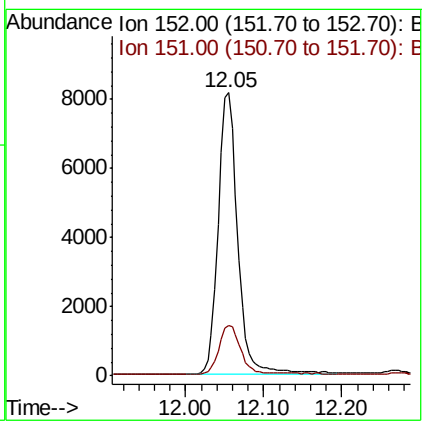


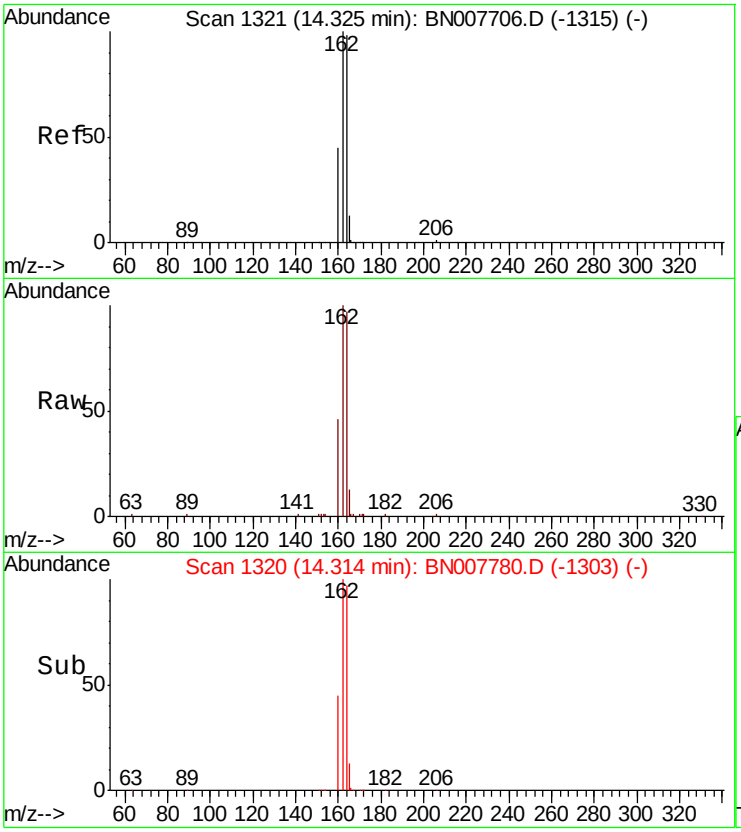


#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion:152 Resp: 14057

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2



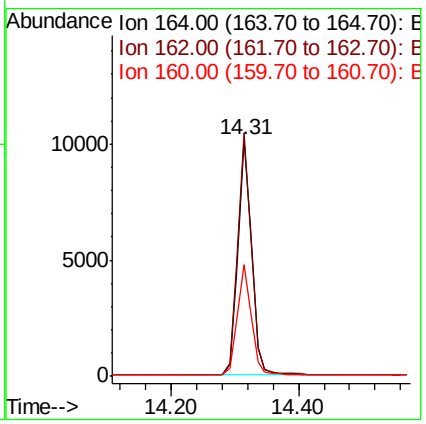


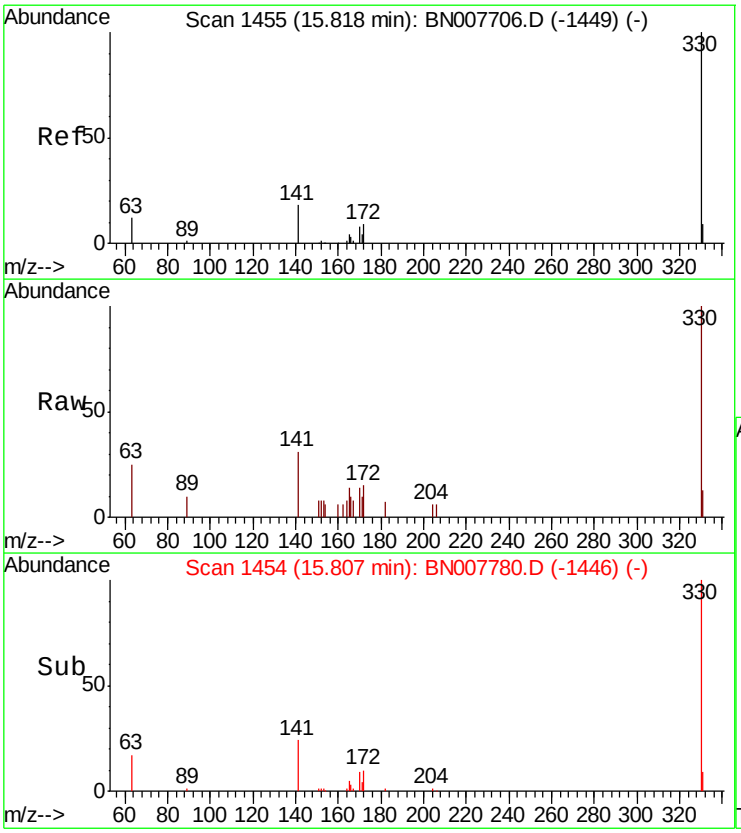
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:164 Resp: 15507

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.7	122.5
160	47.2	37.0	55.4

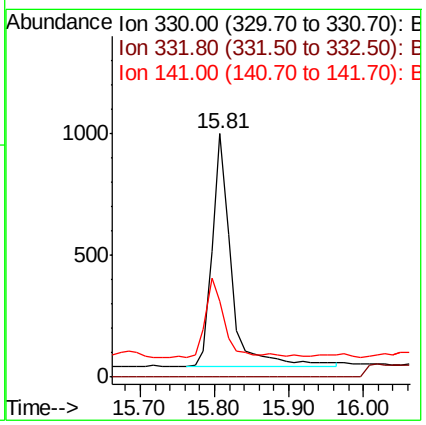


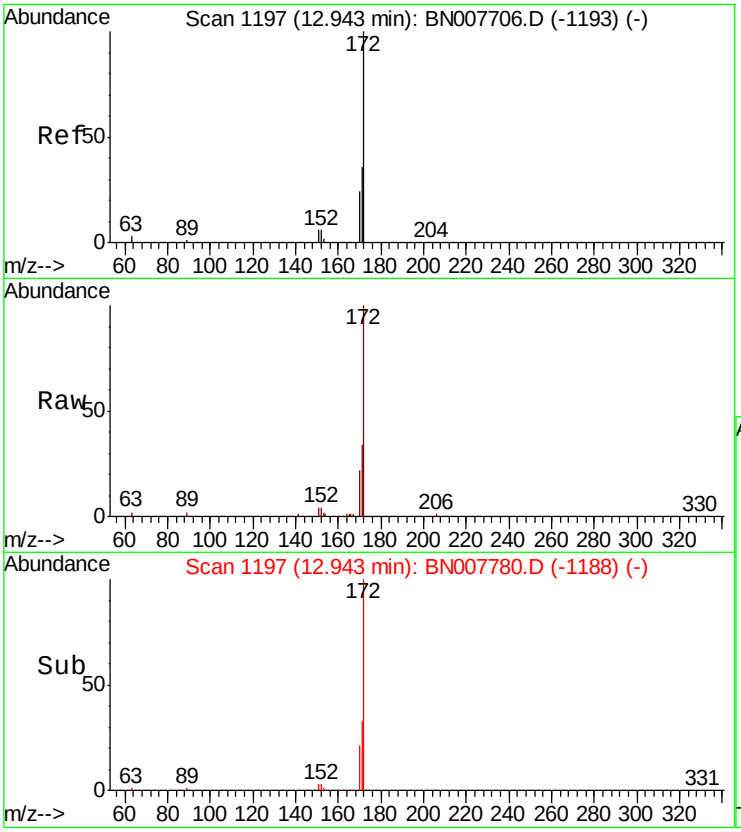


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion:330 Resp: 1674

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.8	28.7	43.1



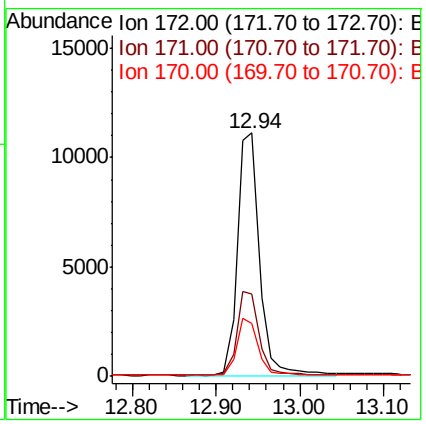


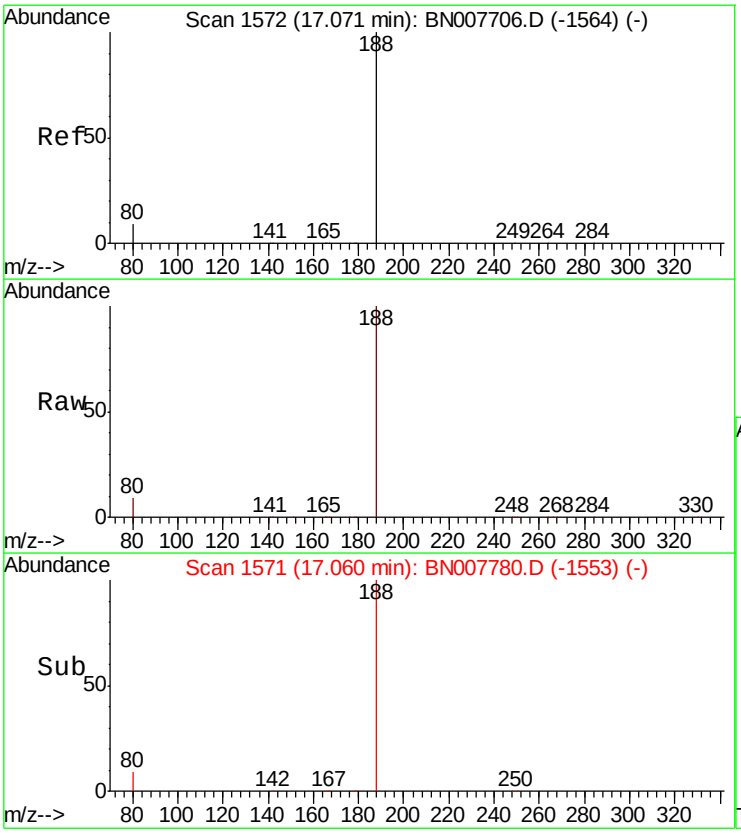
#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:172 Resp: 20211

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.8	43.2
170	21.8	19.5	29.3

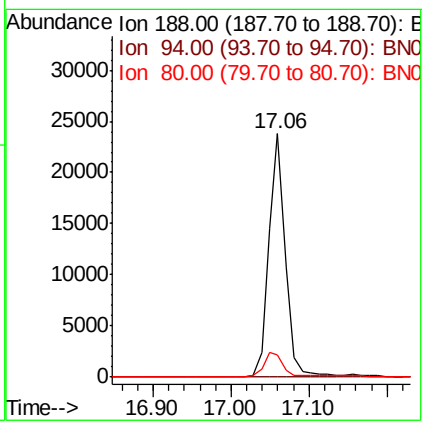


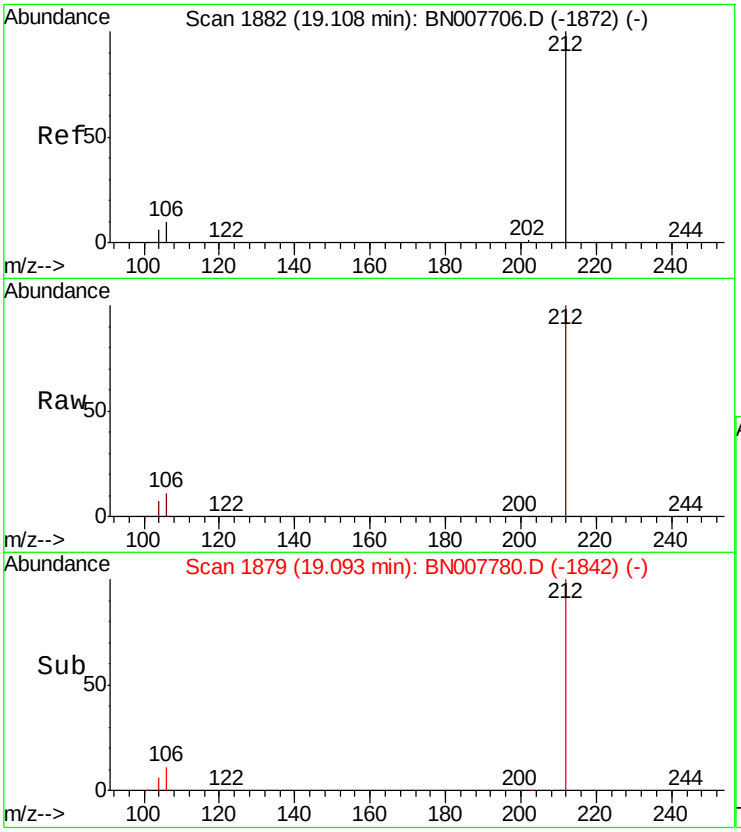


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion:188 Resp: 34784

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.4	11.2



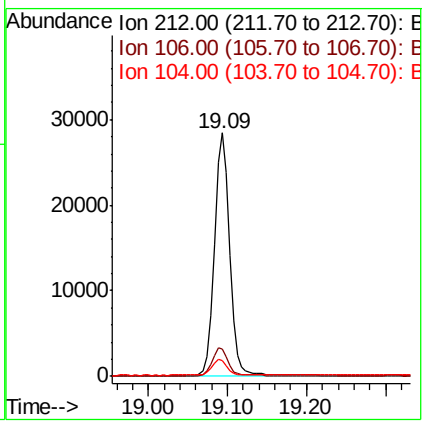


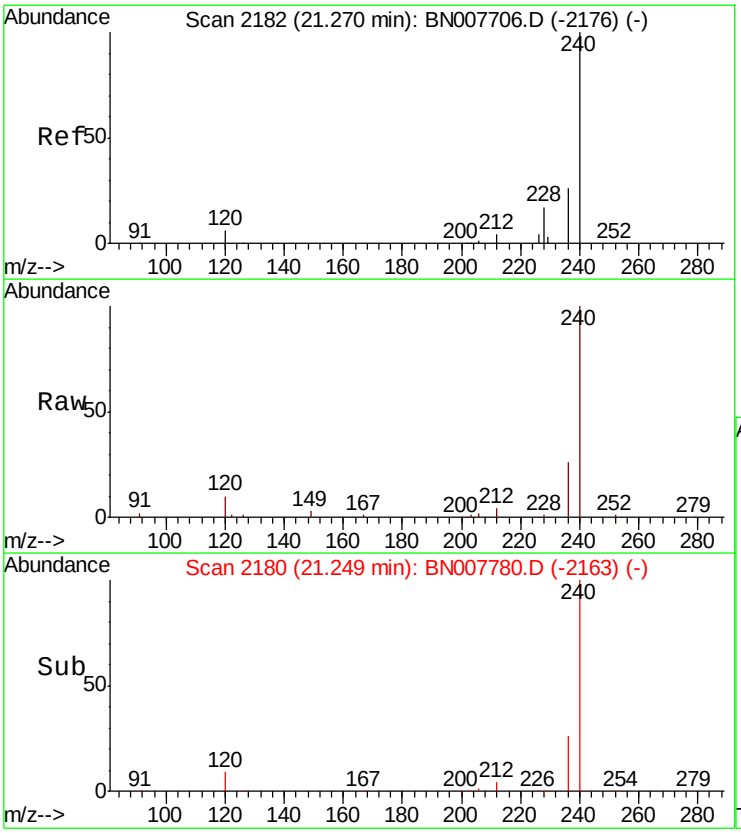
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:212 Resp: 38785

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.5	5.3	7.9

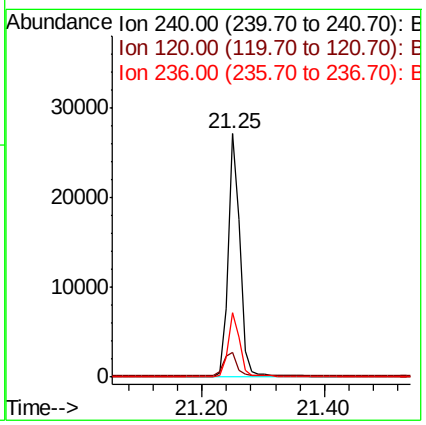


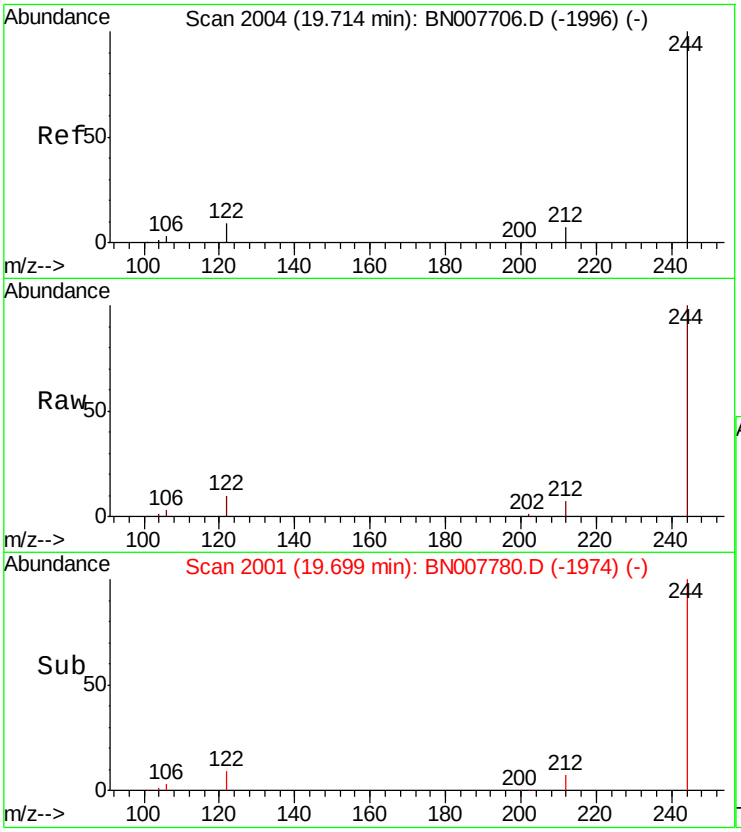


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion:240 Resp: 36681

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.4	8.2#
236	26.5	21.0	31.4



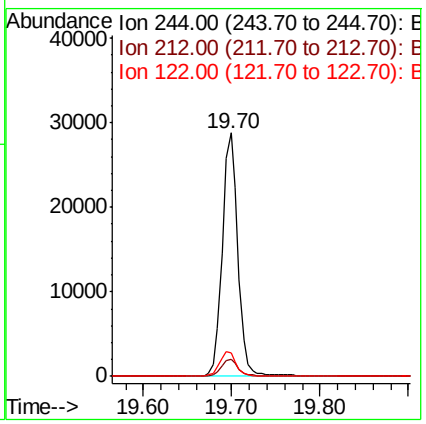


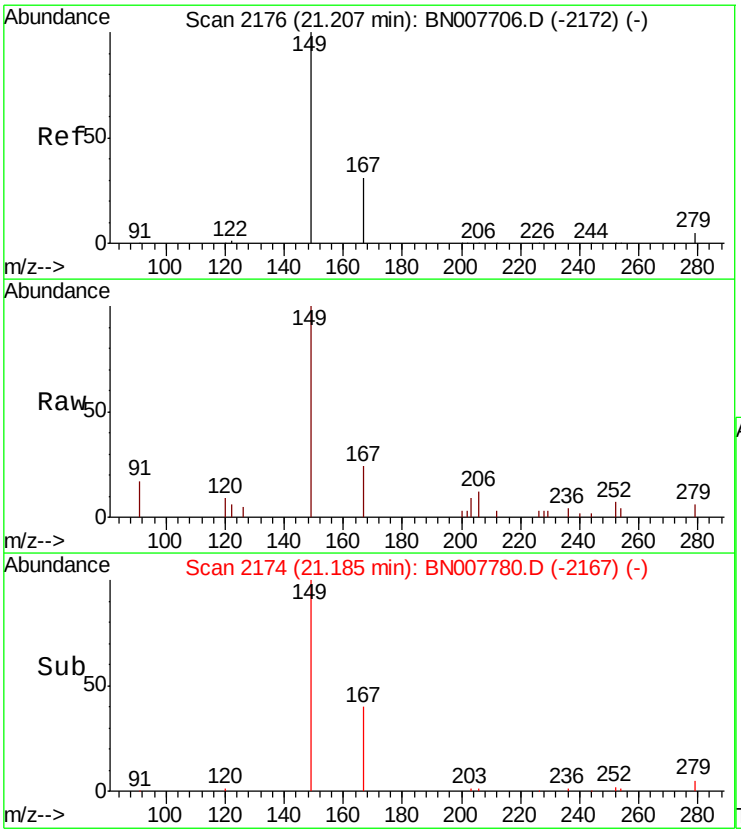
#29
Terphenyl-d14
Concen: 0.390 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:244 Resp: 35109

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.6	7.4	11.2

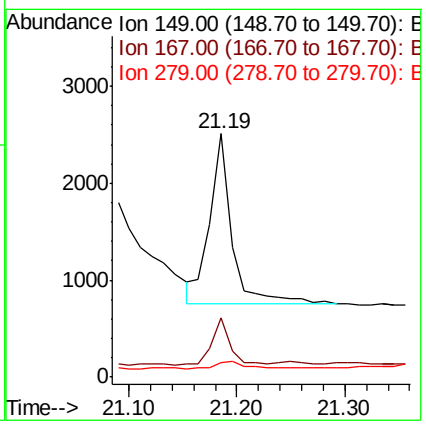


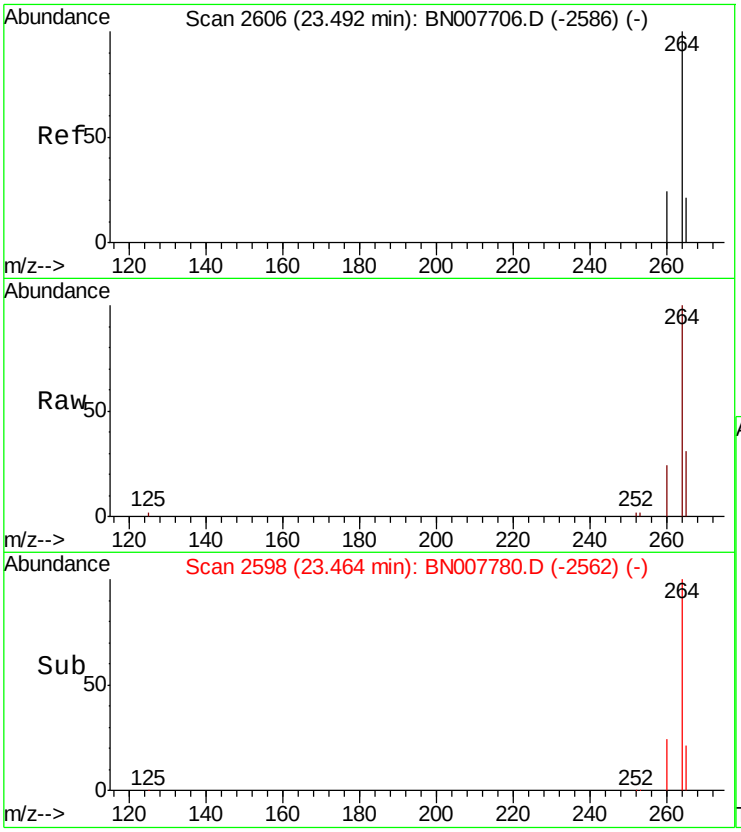


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.035 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Tgt Ion:149 Resp: 2459

Ion	Ratio	Lower	Upper
149	100		
167	22.4	23.7	35.5#
279	5.0	4.2	6.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007780.D
Acq: 21 Sep 2019 01:54

Instrument :
BNA_N
ClientSampleId :
RE105D1-20190918

Tgt Ion:264 Resp: 38750

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	31.4	26.9	40.3