Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007749.D
Acq On : 19 Sep 2019 19:58
Operator : HP/JU
Sample : K4858-12DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DUP01-20190909DL

Quant Time: Sep 20 11:10:20 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	6374	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23712	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14007	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	32345	0.40	ng	0.00
27) Chrysene-d12	21.27	240	34589	0.40	ng	0.00
34) Perylene-d12	23.48	264	35466	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1551	0.07	ng	0.00
5) Phenol-d6	6.88	99	1257	0.04	ng	0.00
8) Nitrobenzene-d5	8.85	82	3230	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	7288	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	992	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	11794	0.20	ng	0.00
25) Fluoranthene-d10	19.10	212	20815	0.19	ng	0.00
29) Terphenyl-d14	19.71	244	18730	0.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	23222	3.269	ng	# 92

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

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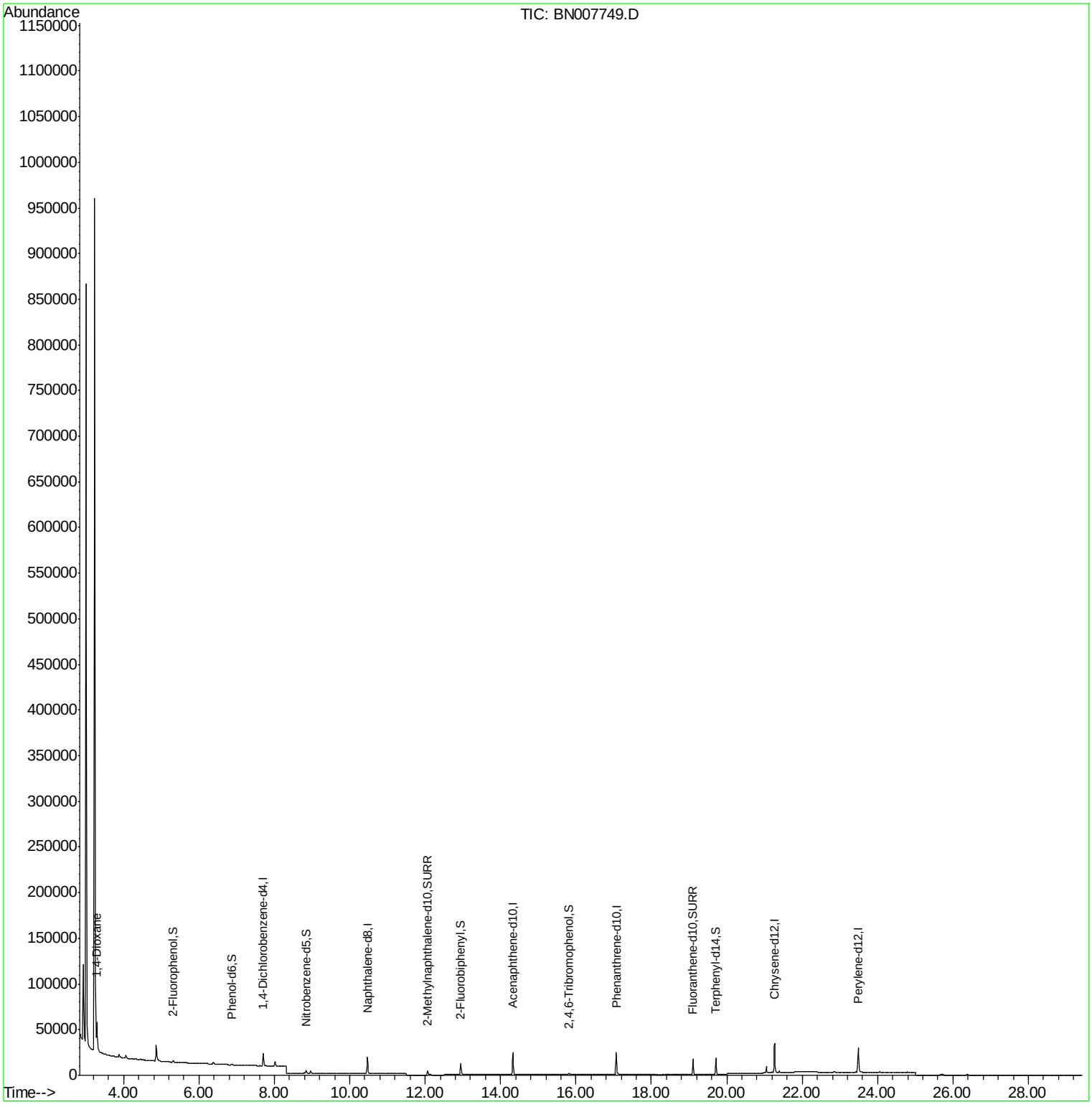
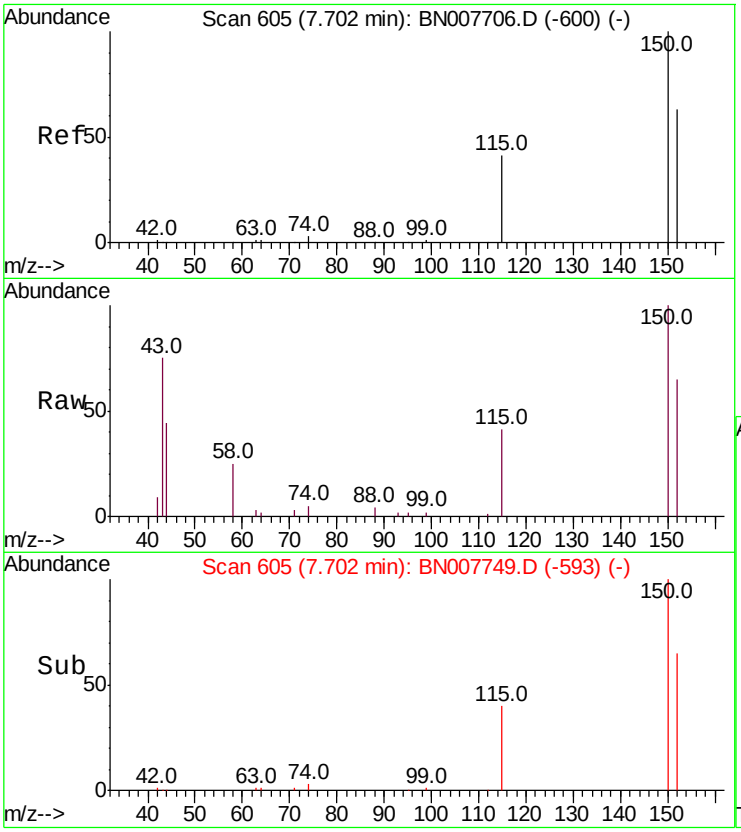


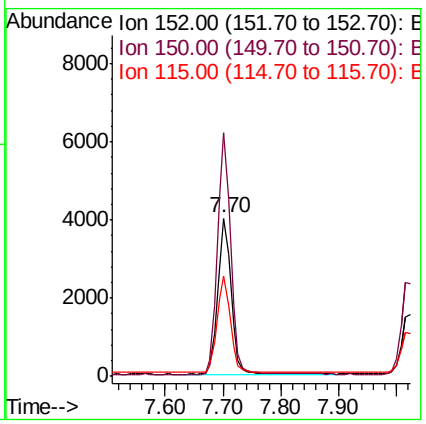


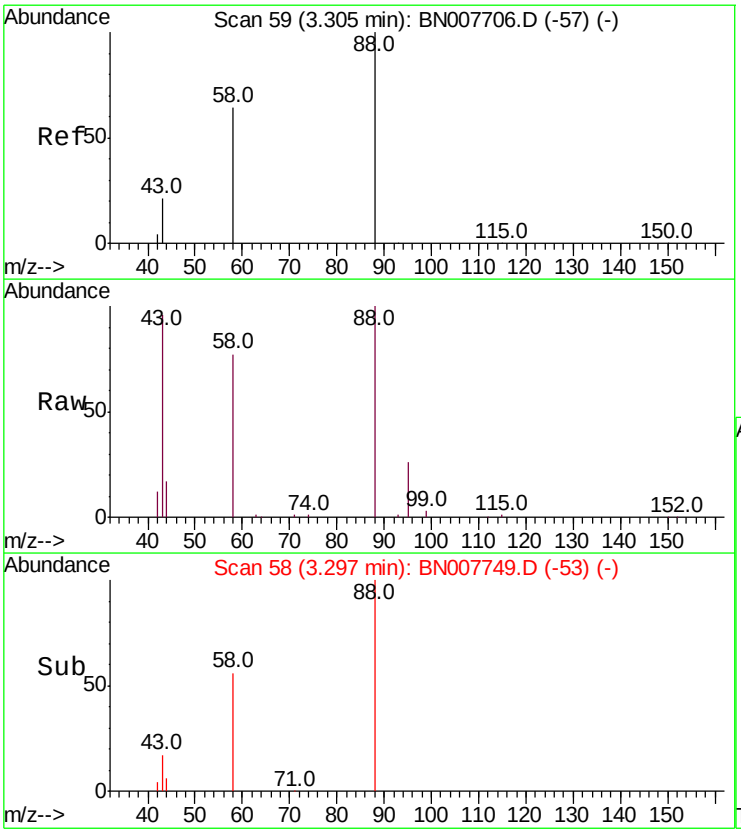
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:152 Resp: 6374

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.6	188.4
115	63.1	53.3	79.9

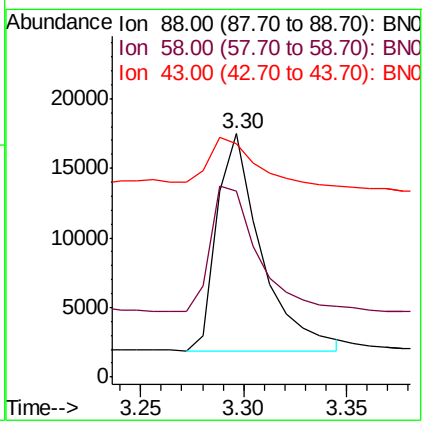


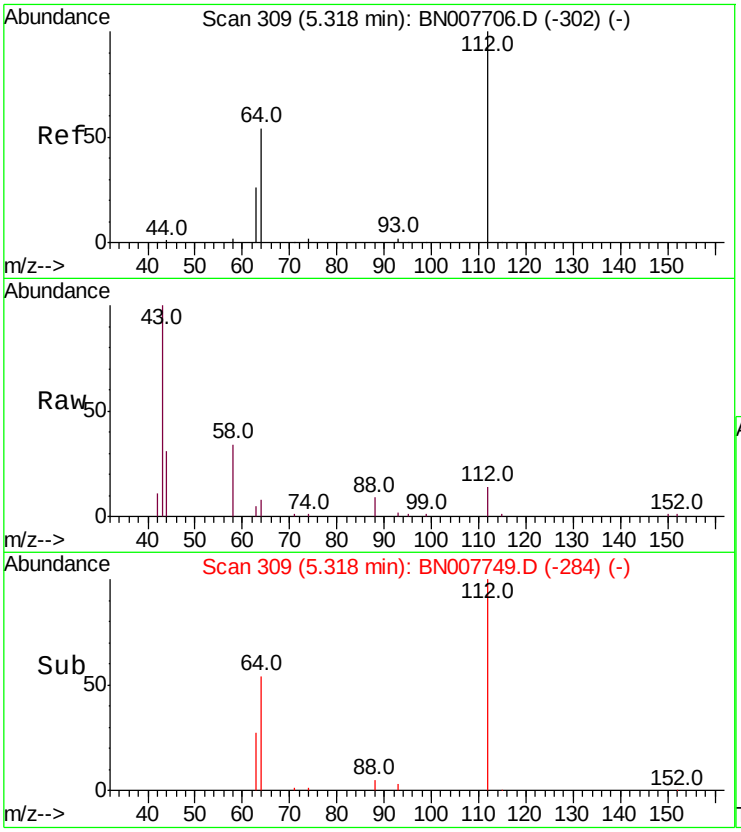


#2
1,4-Dioxane
Concen: 3.269 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion: 88 Resp: 23222

Ion	Ratio	Lower	Upper
88	100		
58	60.9	44.6	66.8
43	22.8	14.4	21.6#



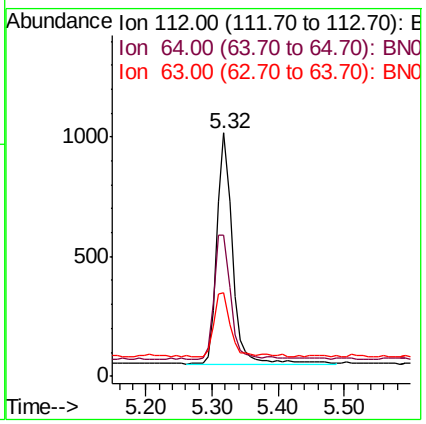


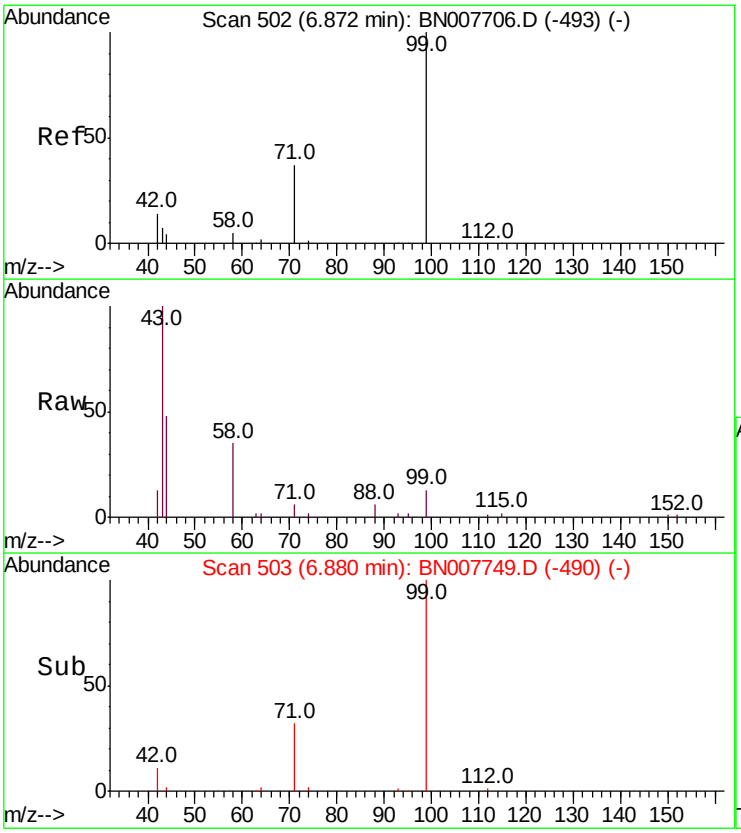
#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:112 Resp: 1551

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.6	70.0
63	29.3	23.1	34.7

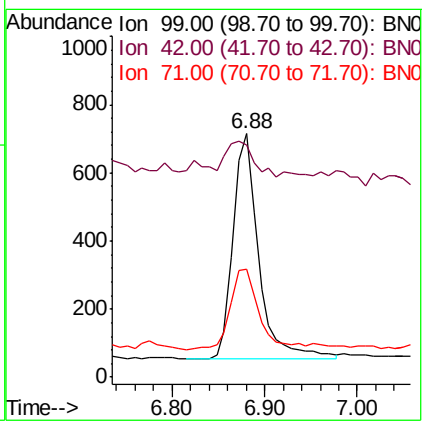


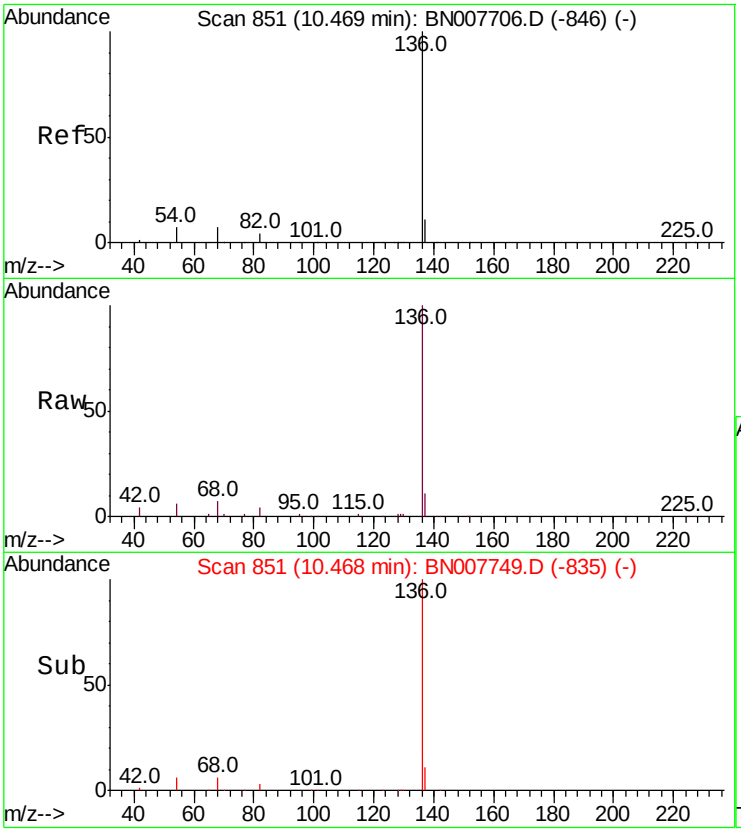


#5
Phenol-d6
Concen: 0.040 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion: 99 Resp: 1257

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.8	19.2
71	40.3	27.6	41.4



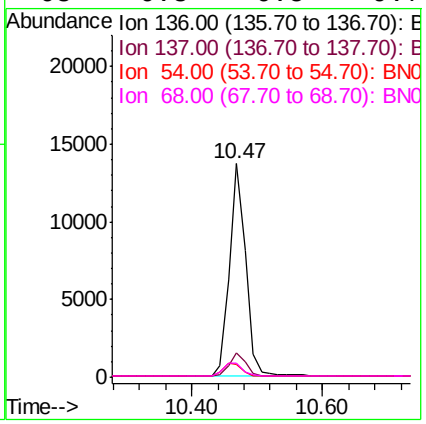


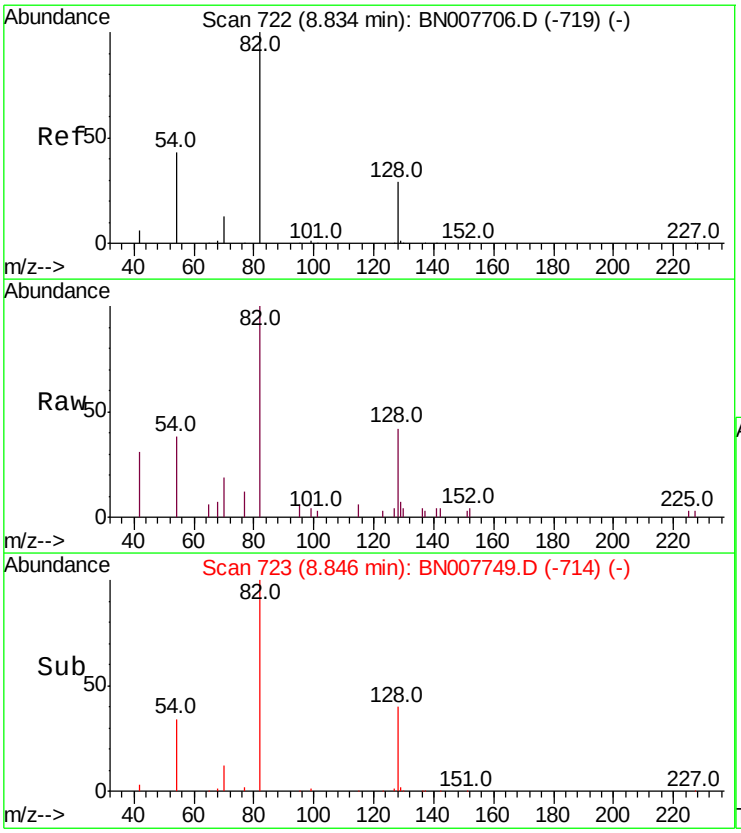
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:136 Resp: 23712

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.3	5.8	8.8
68	6.8	6.5	9.7

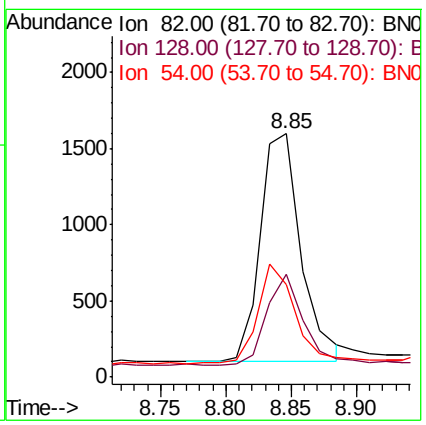


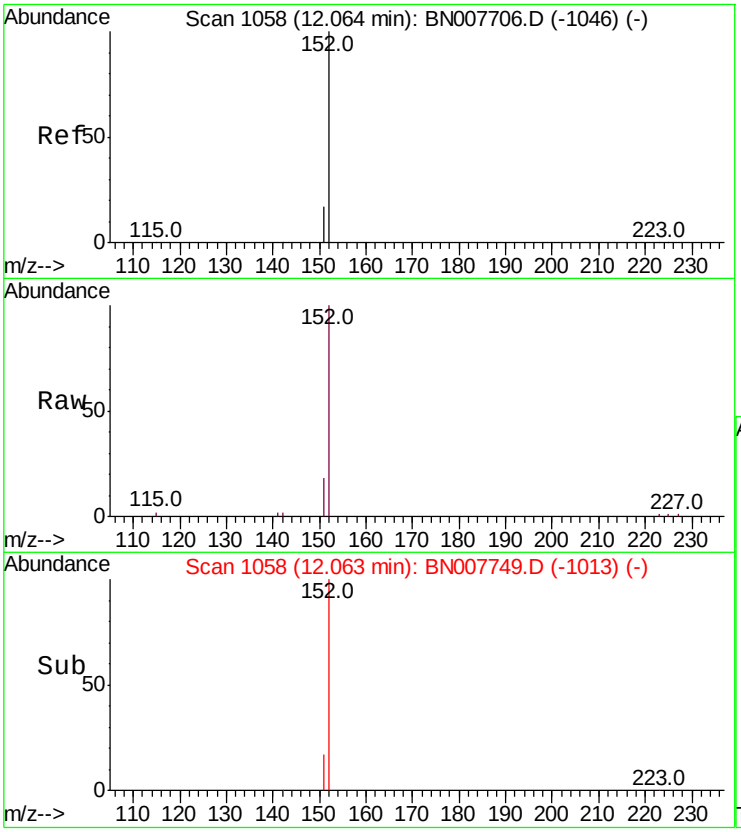


#8
Nitrobenzene-d5
Concen: 0.156 ng
RT: 8.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion: 82 Resp: 3230

Ion	Ratio	Lower	Upper
82	100		
128	42.2	24.5	36.7#
54	38.1	35.2	52.8



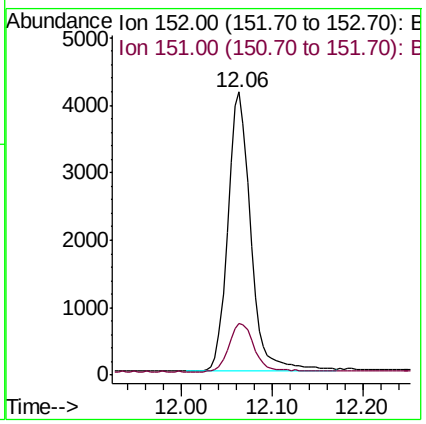


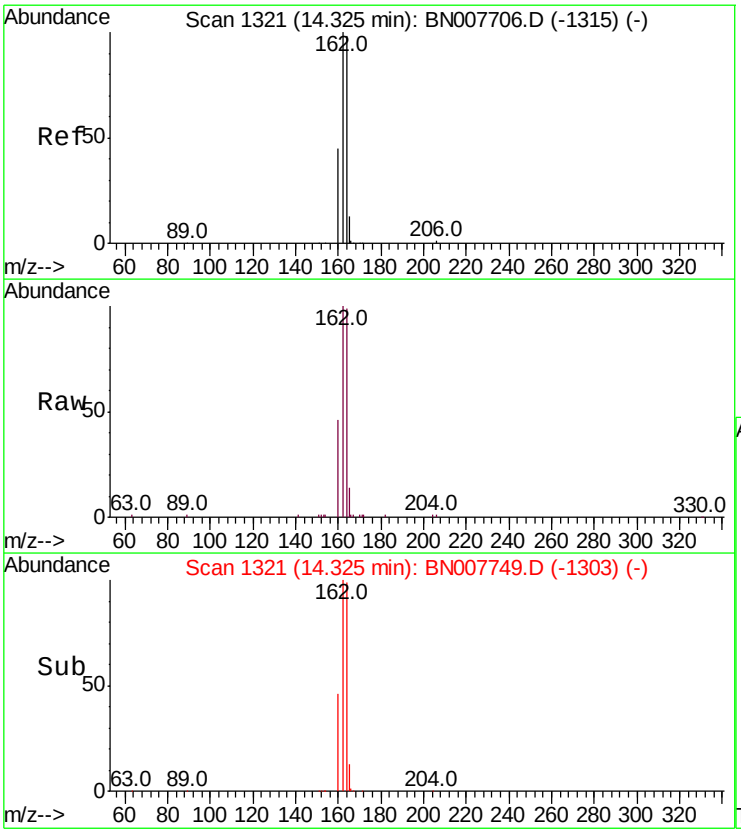
#11
2-Methylnaphthalene-d10
Concen: 0.182 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:152 Resp: 7288

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2

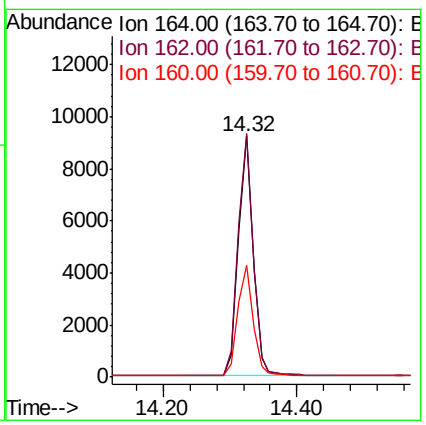


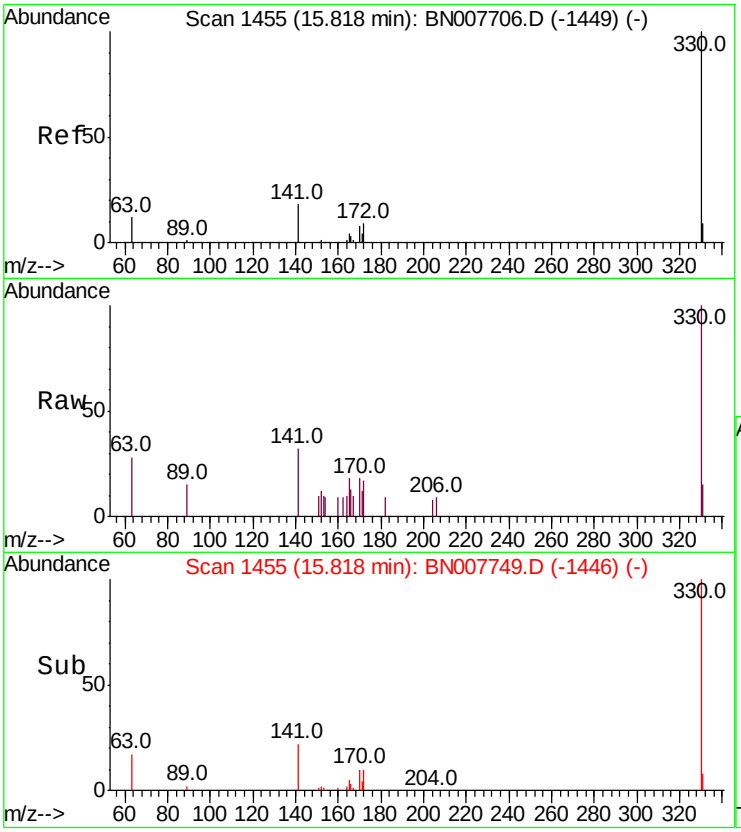


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:164 Resp: 14007

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	46.6	37.0	55.4



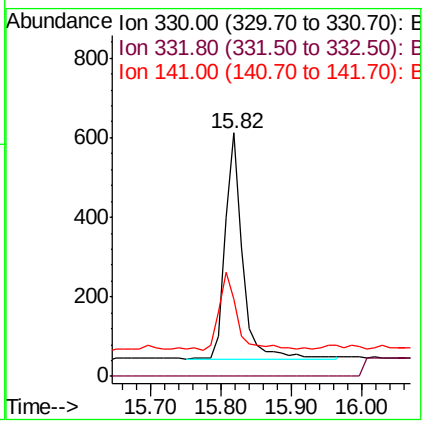


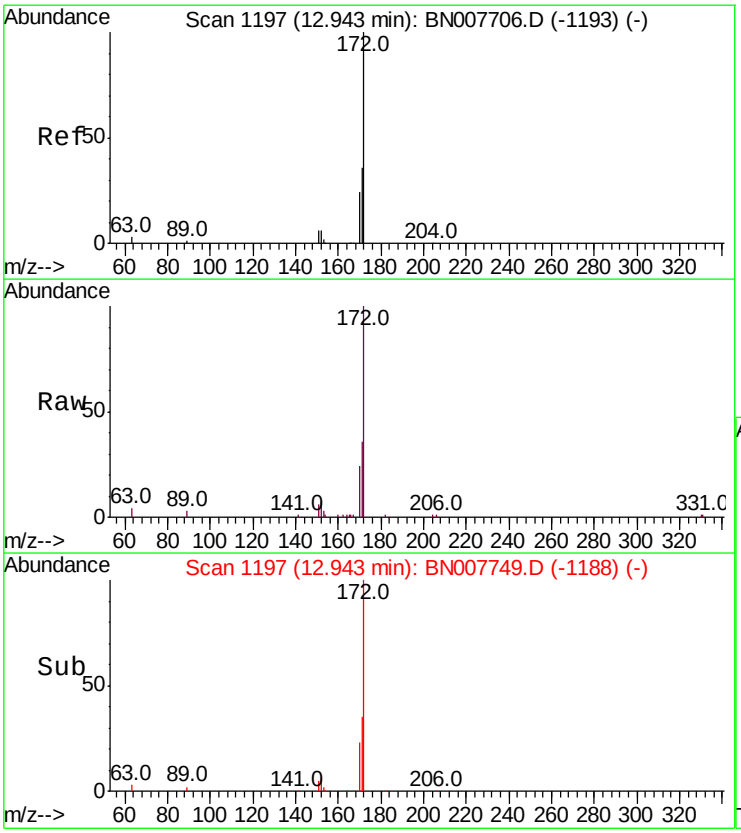
#14
2,4,6-Tribromophenol
Concen: 0.130 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:330 Resp: 992

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.3	28.7	43.1

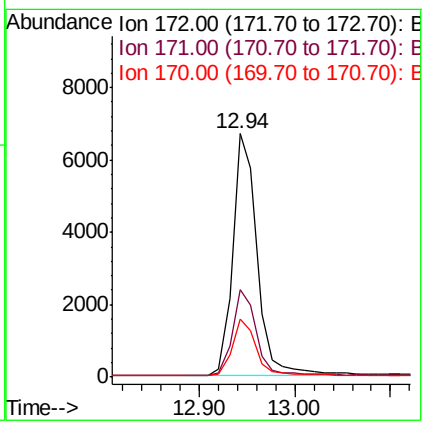


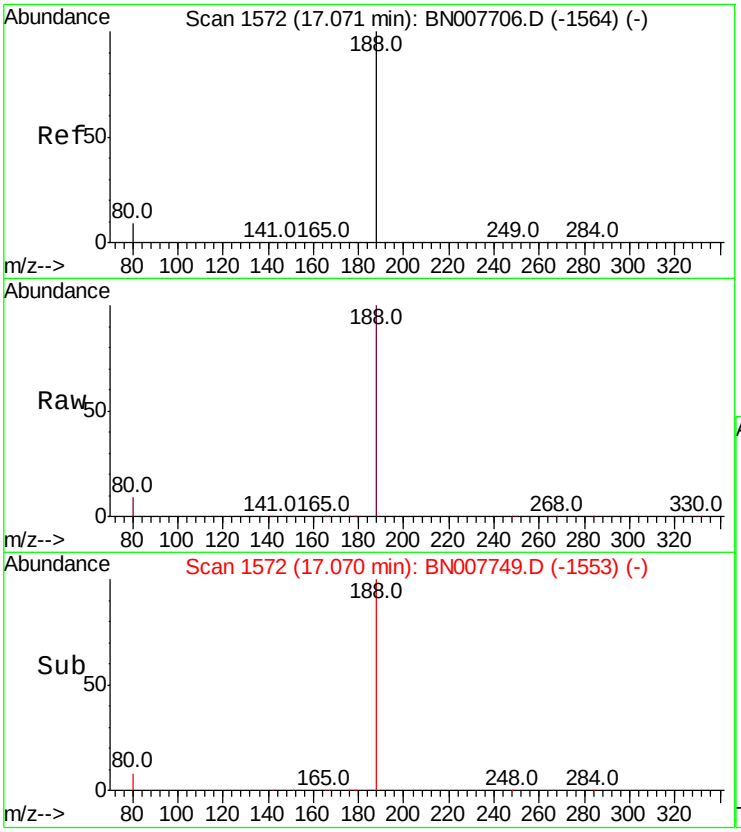


#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:172 Resp: 11794

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.9	19.5	29.3



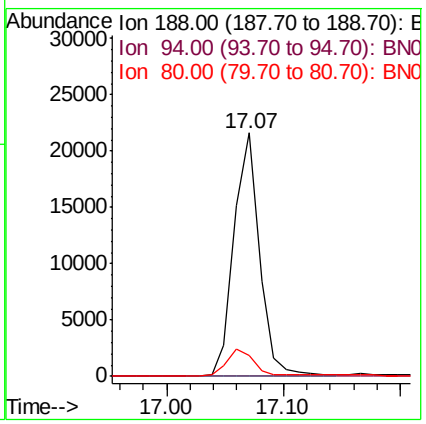


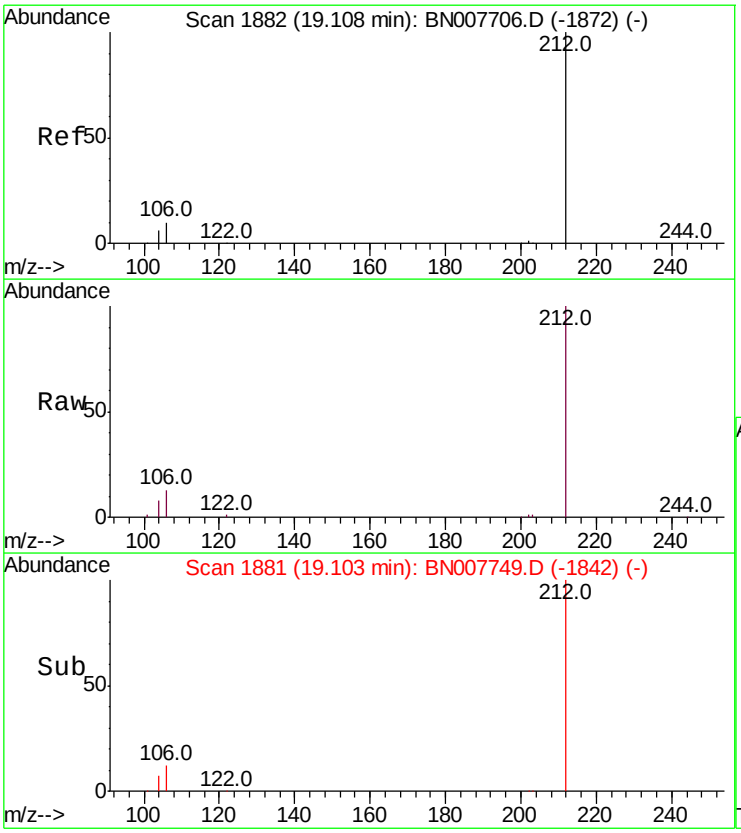
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:188 Resp: 32345

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.2

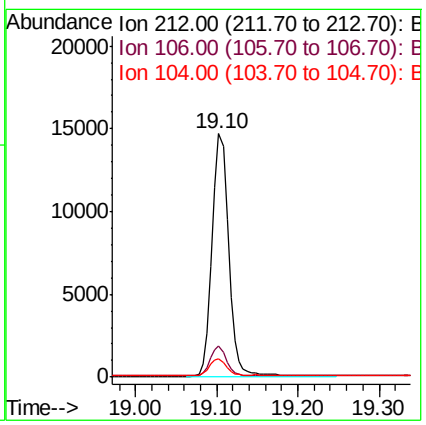


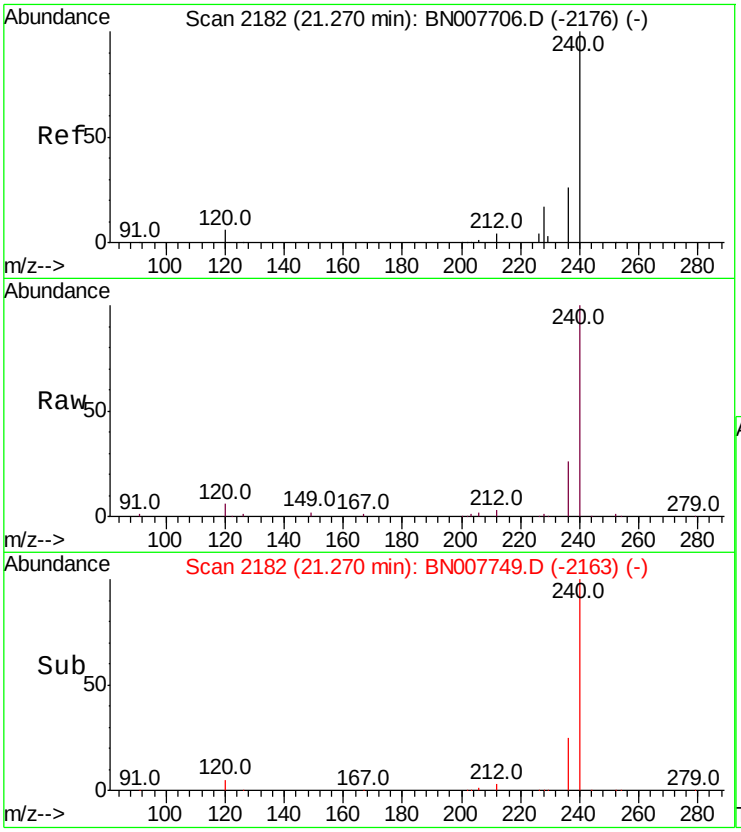


#25
Fluoranthene-d10
Concen: 0.191 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:212 Resp: 20815

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.7	5.3	7.9



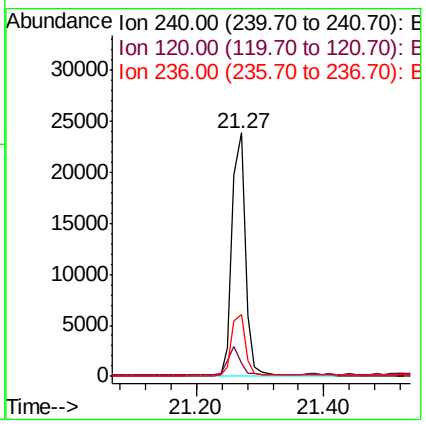


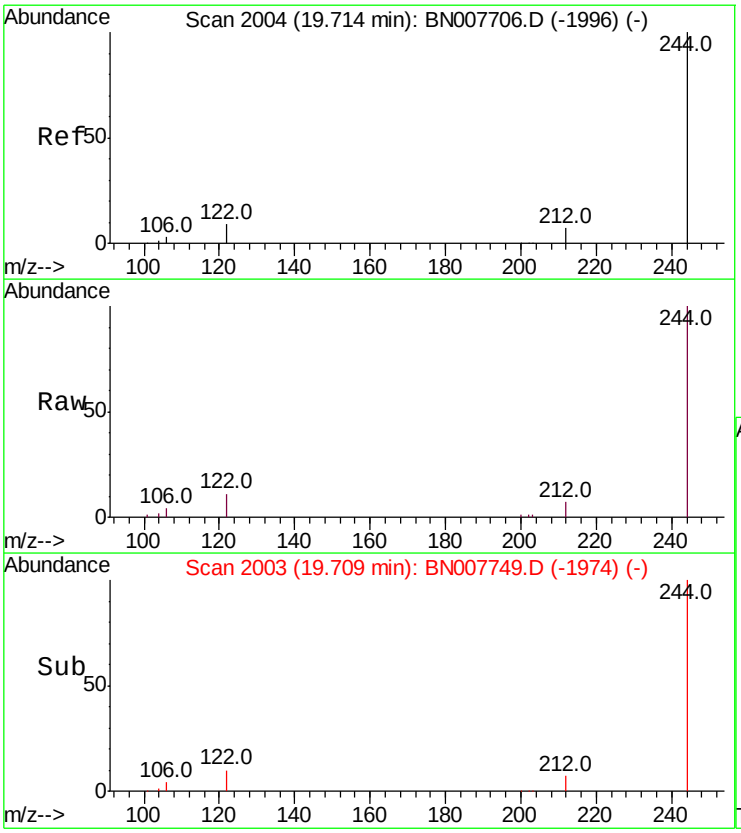
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:240 Resp: 34589

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.4	8.2
236	25.6	21.0	31.4

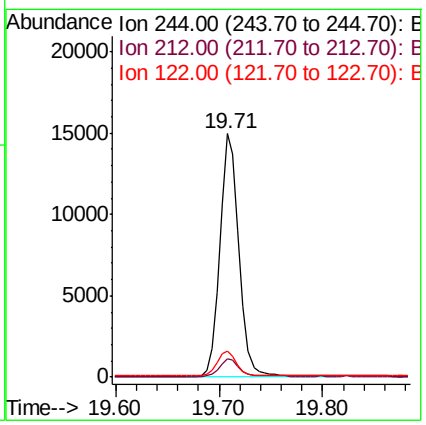


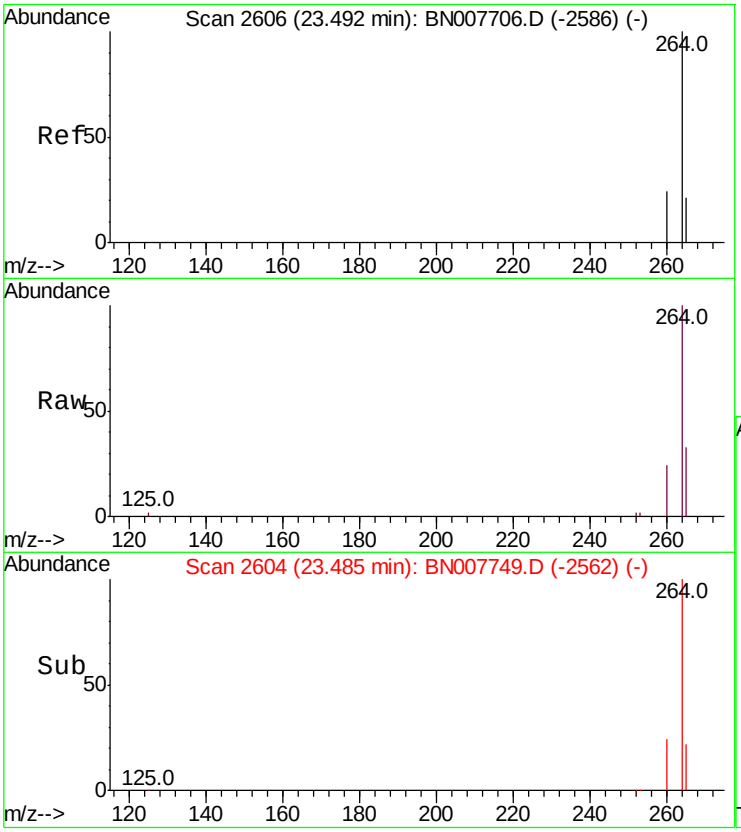


#29
Terphenyl-d14
Concen: 0.220 ng
RT: 19.71 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Tgt Ion:244 Resp: 18730

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.5	7.4	11.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BN007749.D
Acq: 19 Sep 2019 19:58

Instrument :
BNA_N
ClientSampleId :
DUP01-20190909DL

Tgt Ion:264 Resp: 35466

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	33.3	26.9	40.3