Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007093.D
Acq On : 12 Aug 2019 12:17
Operator : HP/JU
Sample : PB122090BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122090BL

Quant Time: Aug 13 04:41:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7425	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	27483	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	14712	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	36266	0.40	ng	0.00
26) Chrysene-d12	21.05	240	31971	0.40	ng	-0.01
32) Perylene-d12	23.16	264	29771	0.40	ng	-0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	5655	0.32	ng	0.00
4) Phenol-d6	6.61	99	7408	0.34	ng	0.00
7) Nitrobenzene-d5	8.56	82	5986	0.27	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	15731	0.31	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1066	0.13	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4662	0.22	ng	0.00
24) Fluoranthene-d10	18.87	212	38253	0.30	ng	0.00
28) Terphenyl-d14	19.49	244	30196	0.35	ng	0.00
Target Compounds						Qvalue

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

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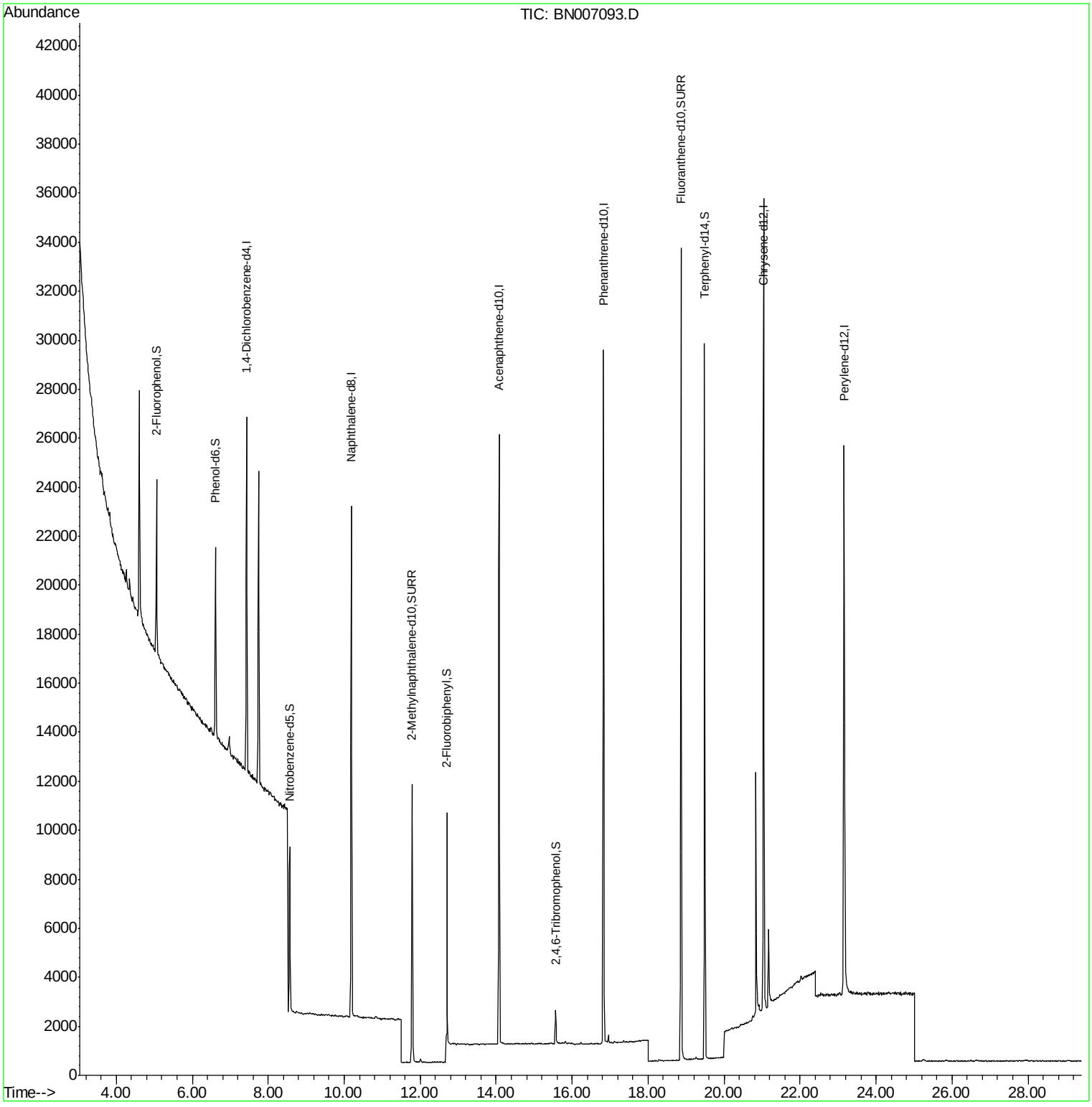
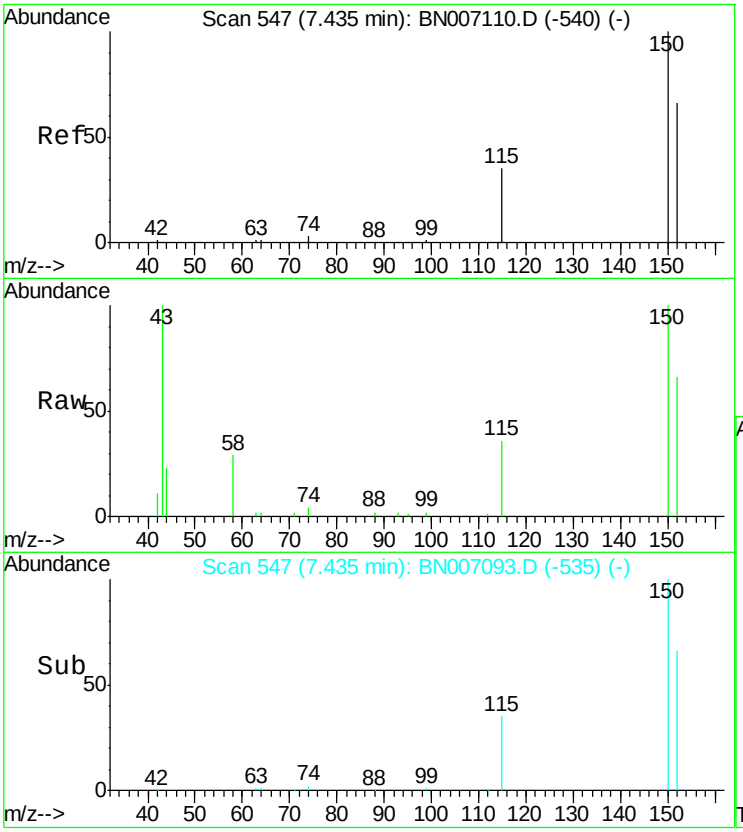


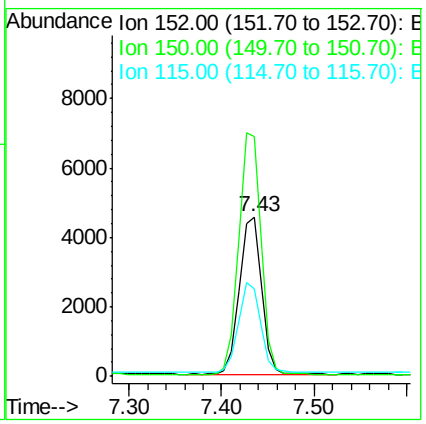


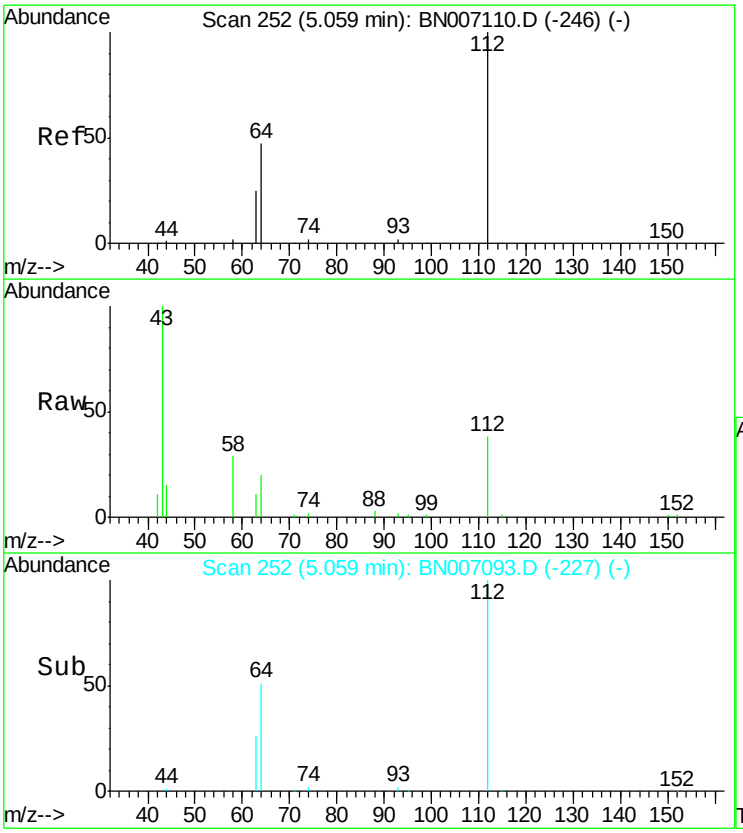
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion:152 Resp: 7425

Ion	Ratio	Lower	Upper
152	100		
150	150.4	121.7	182.5
115	54.8	46.2	69.4

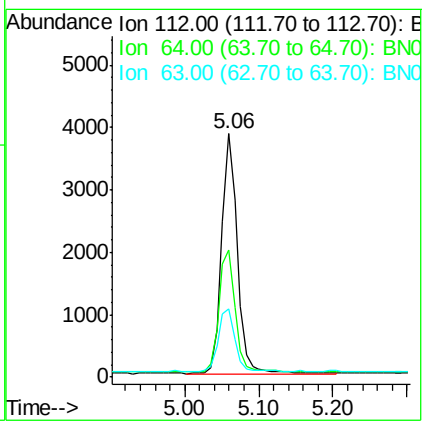


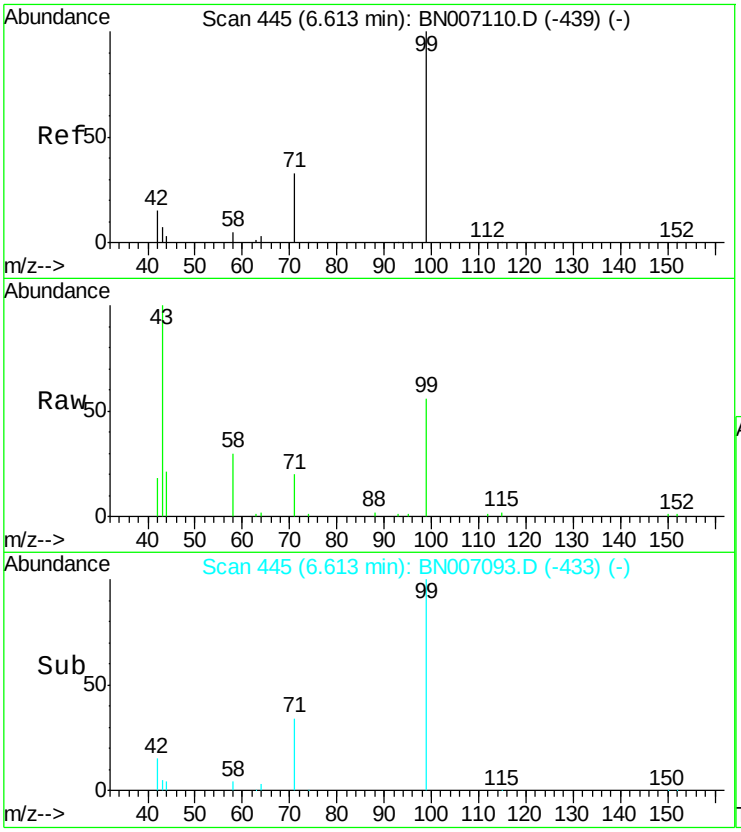


#3
2-Fluorophenol
Concen: 0.317 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:112 Resp: 5655

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	63.8
63	27.9	22.2	33.2



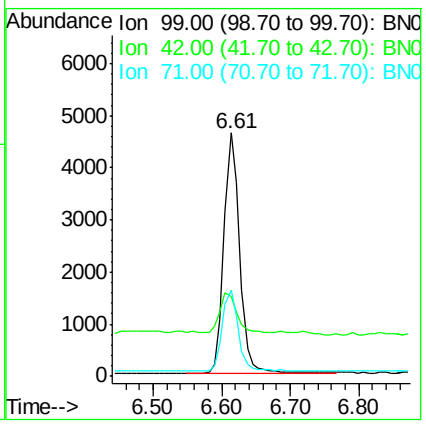


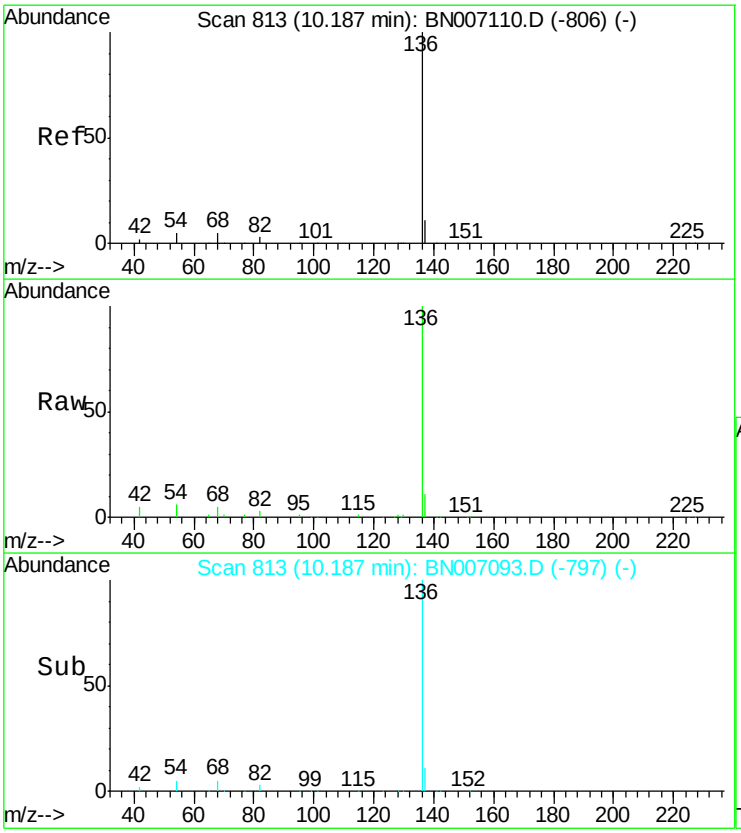
#4
Phenol-d6
Concen: 0.335 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion: 99 Resp: 7408

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.8	23.6
71	34.3	27.0	40.4

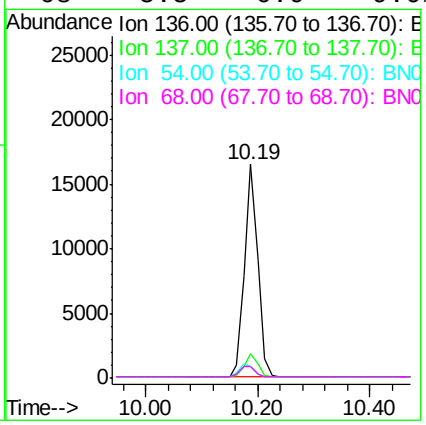


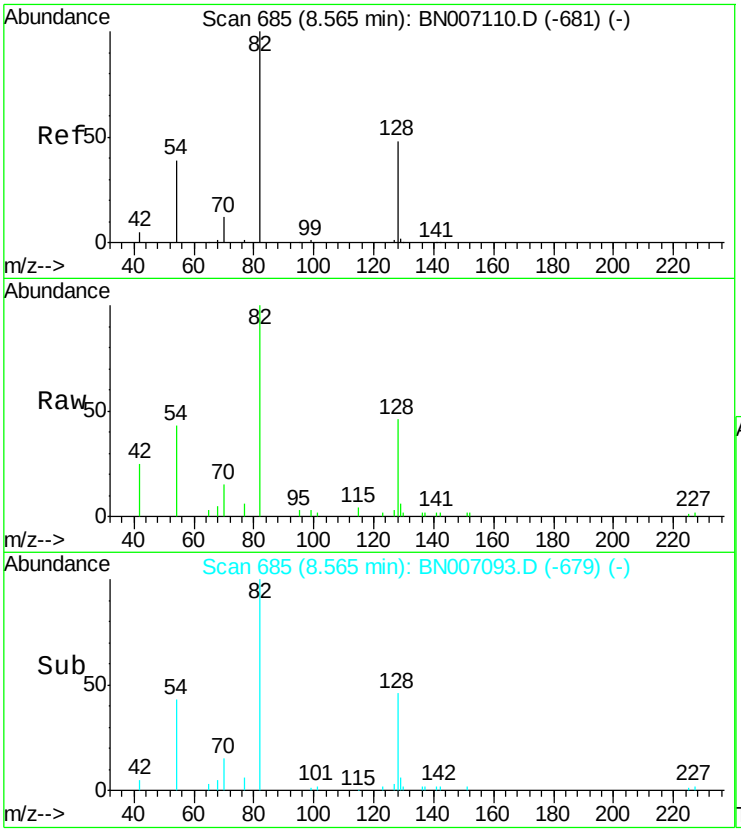


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:136 Resp: 27483

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	5.7	6.6	9.8#
68	5.5	6.0	9.0#



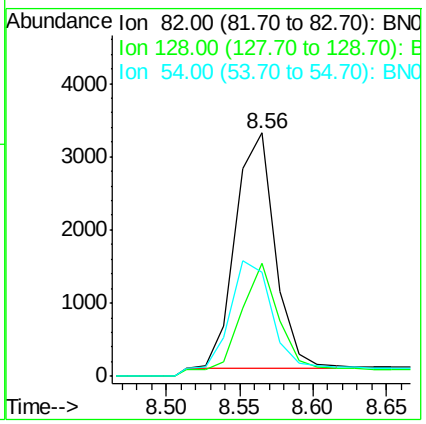


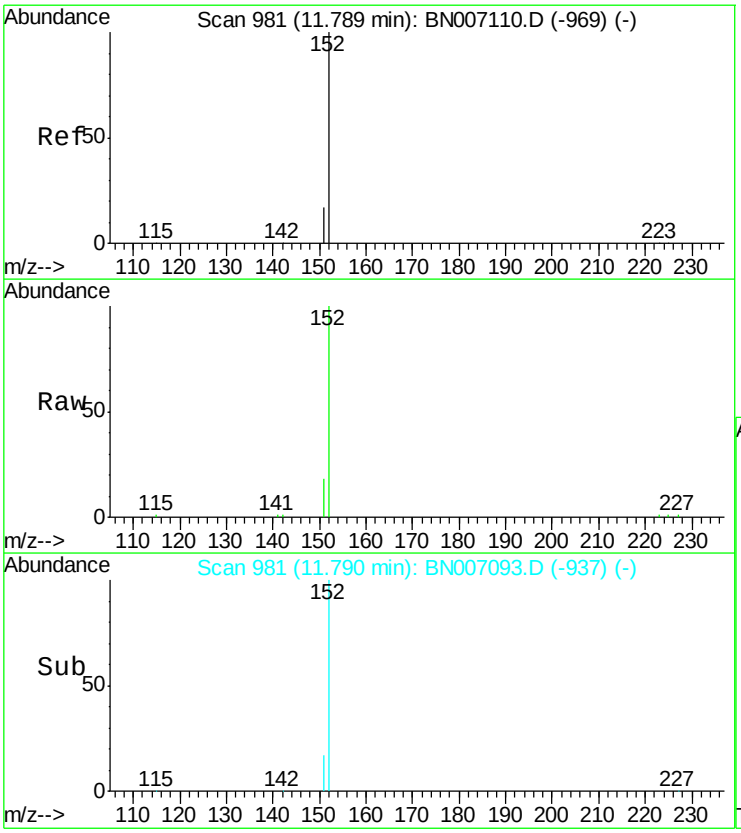
#7
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion: 82 Resp: 5986

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.6	51.8
54	42.9	36.2	54.4

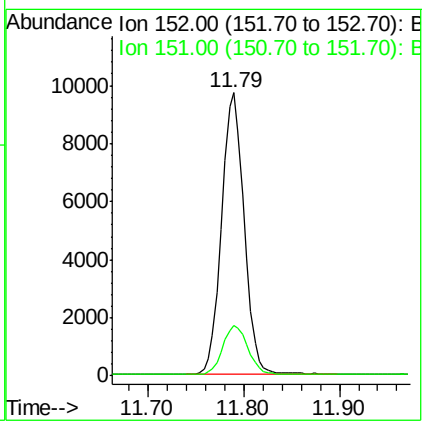


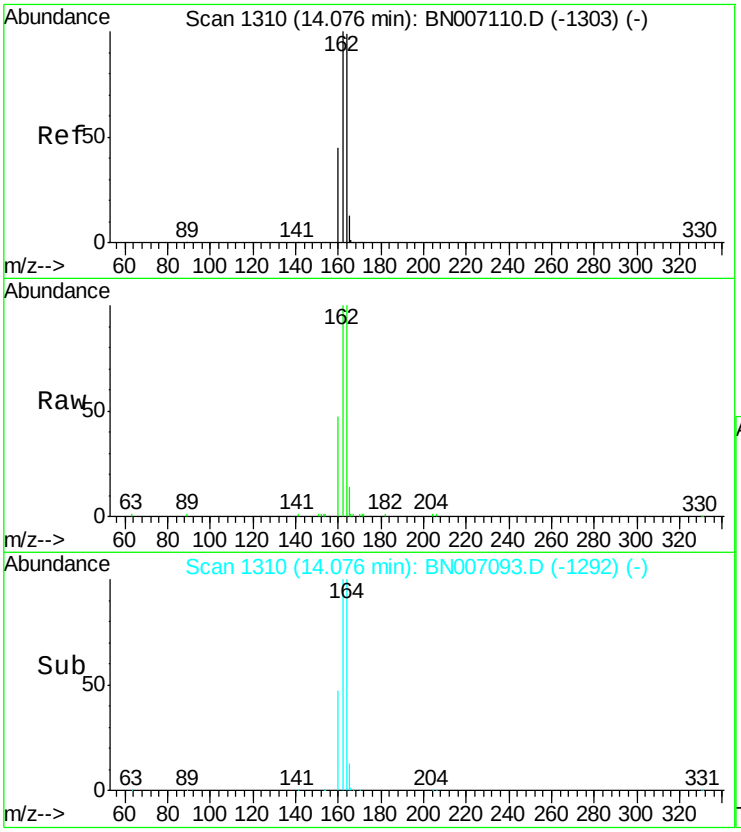


#10
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:152 Resp: 15731

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



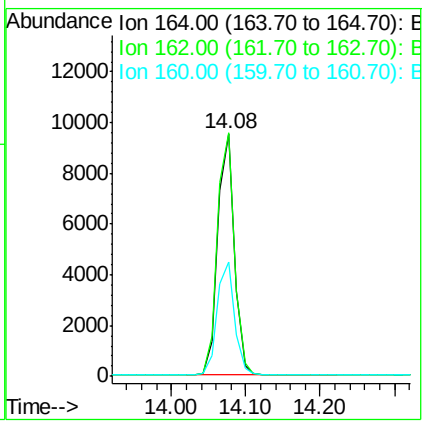


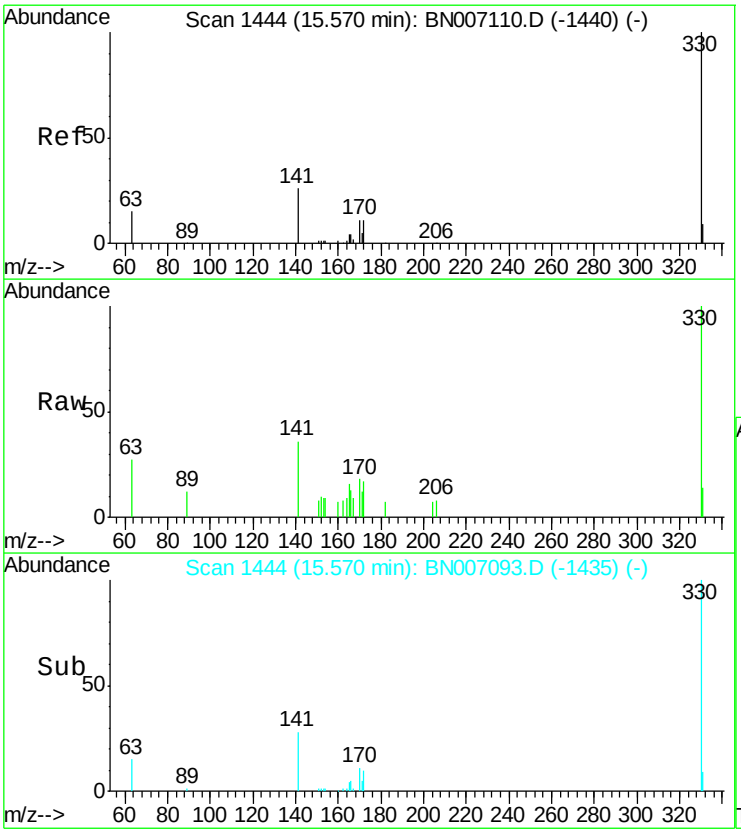
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion:164 Resp: 14712

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.4
160	47.0	38.3	57.5

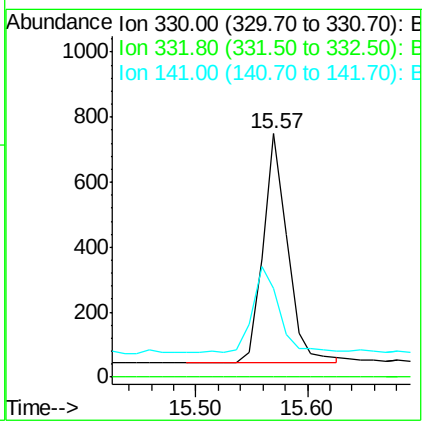


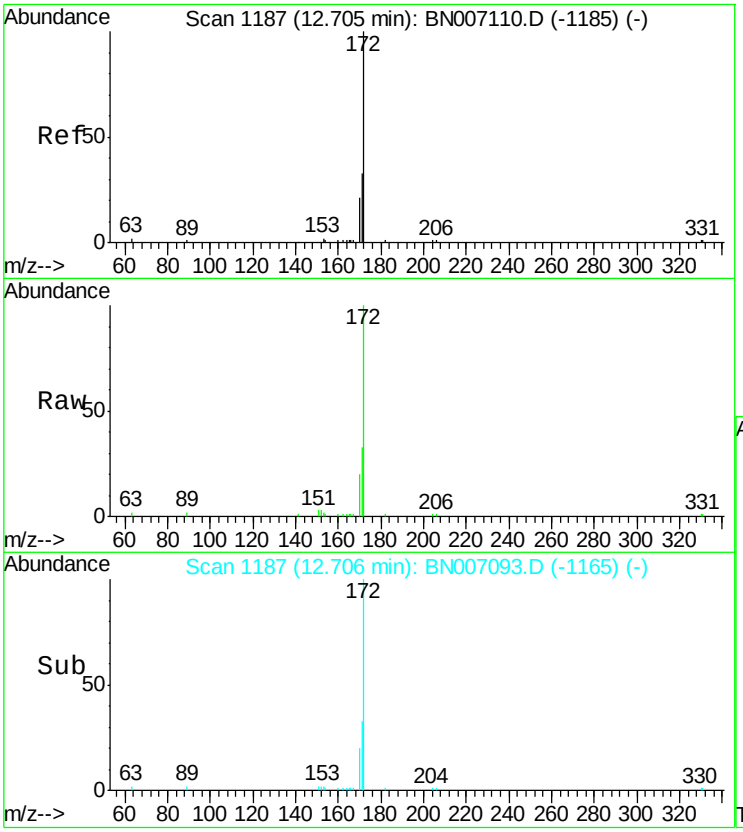


#13
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:330 Resp: 1066

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.6	33.6	50.4



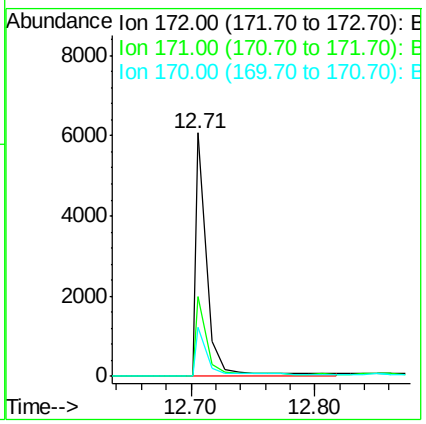


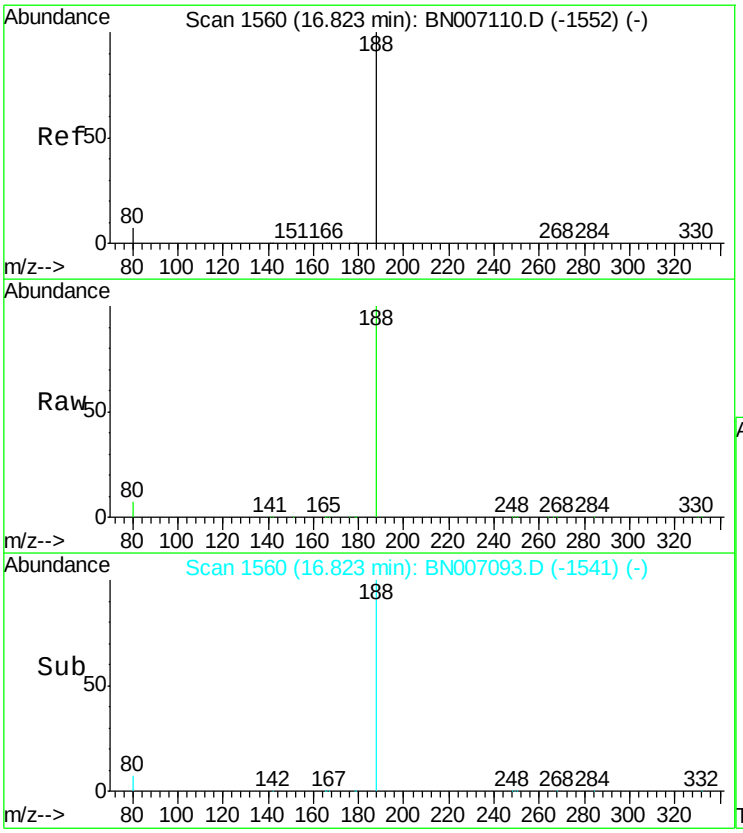
#14
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion:172 Resp: 4662

Ion	Ratio	Lower	Upper
172	100		
171	32.7	26.3	39.5
170	20.3	17.0	25.4

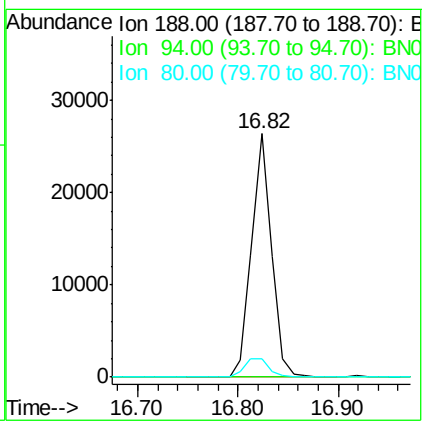


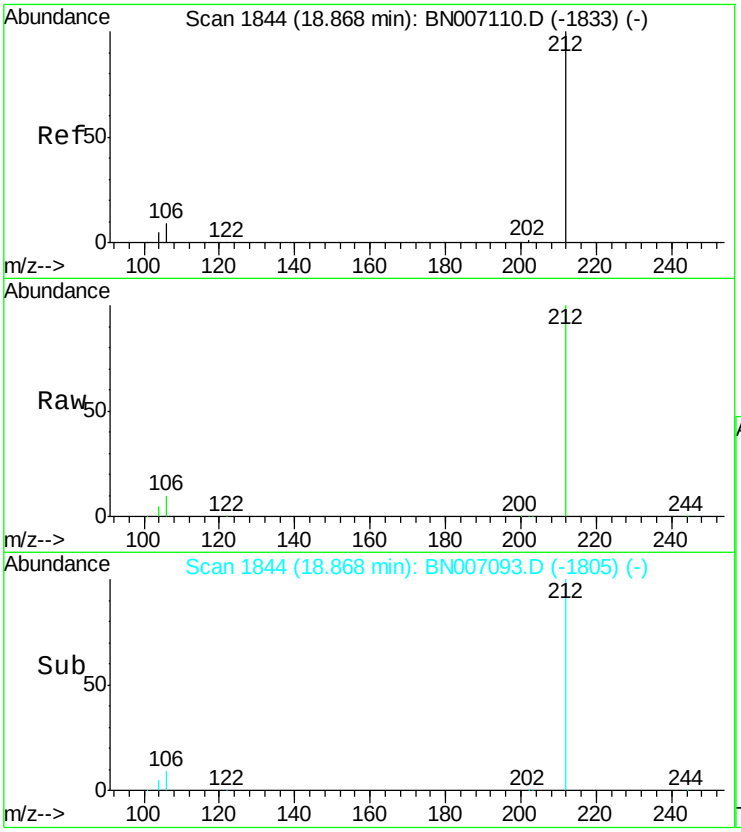


#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:188 Resp: 36266

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	7.8	11.6#



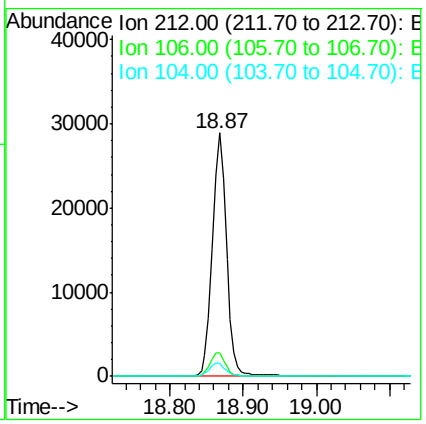


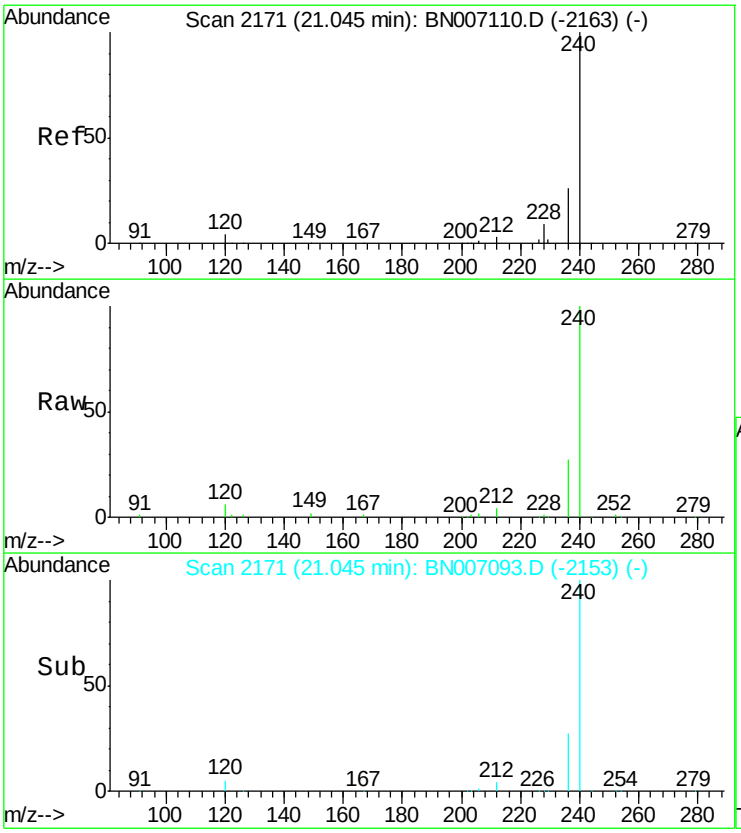
#24
Fluoranthene-d10
Concen: 0.297 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion:212 Resp: 38253

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.2	12.2
104	5.5	4.5	6.7

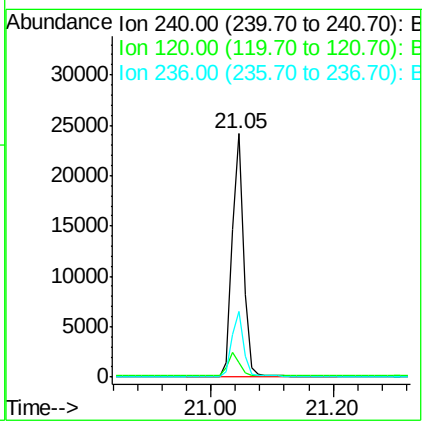


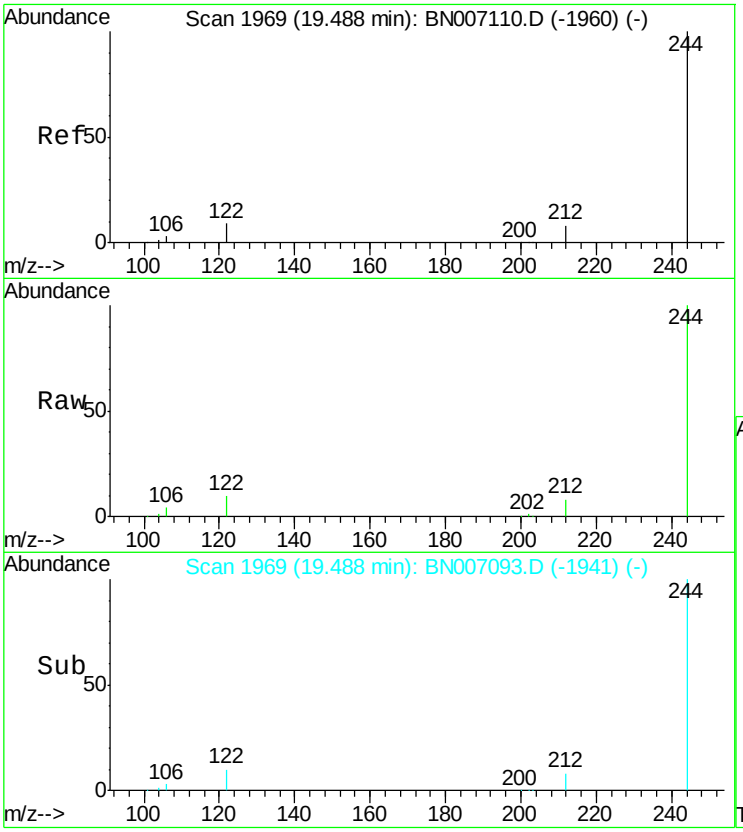


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:240 Resp: 31971

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.0	6.0
236	27.0	21.3	31.9



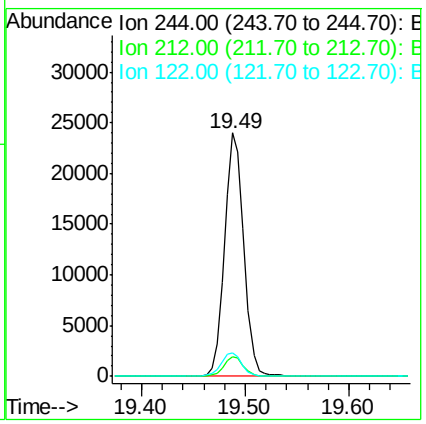


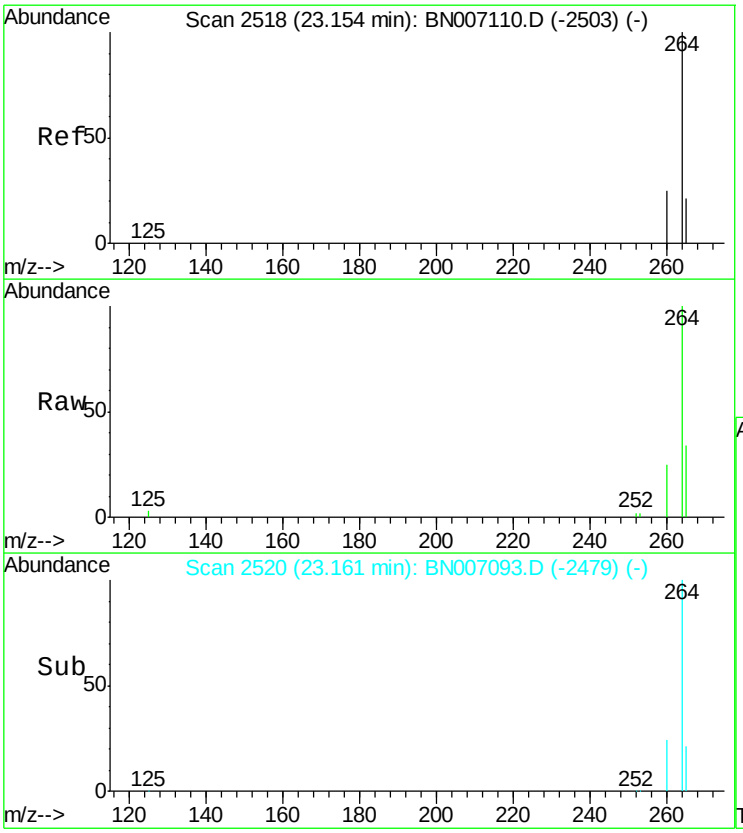
#28
Terphenyl-d14
Concen: 0.347 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

Tgt Ion:244 Resp: 30196

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	9.9	7.4	11.2





#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:264 Resp: 29771

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	34.5	26.2	39.4