Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011629.D
Acq On : 25 Aug 2020 23:50
Operator : CG/JU
Sample : PB131047BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131047BL

Quant Time: Aug 26 02:35:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2092	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8245	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	4846	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	10722	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10197	0.40	ng	-0.01
36) Perylene-d12	23.59	264	11995	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1805	0.27	ng	0.00
5) Phenol-d6	6.92	99	2331	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2116	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	3967	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	274	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	5651	0.30	ng	-0.01
27) Fluoranthene-d10	19.17	212	8749	0.25	ng	0.00
31) Terphenyl-d14	19.77	244	7849	0.30	ng	0.00
Target Compounds						Qvalue

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

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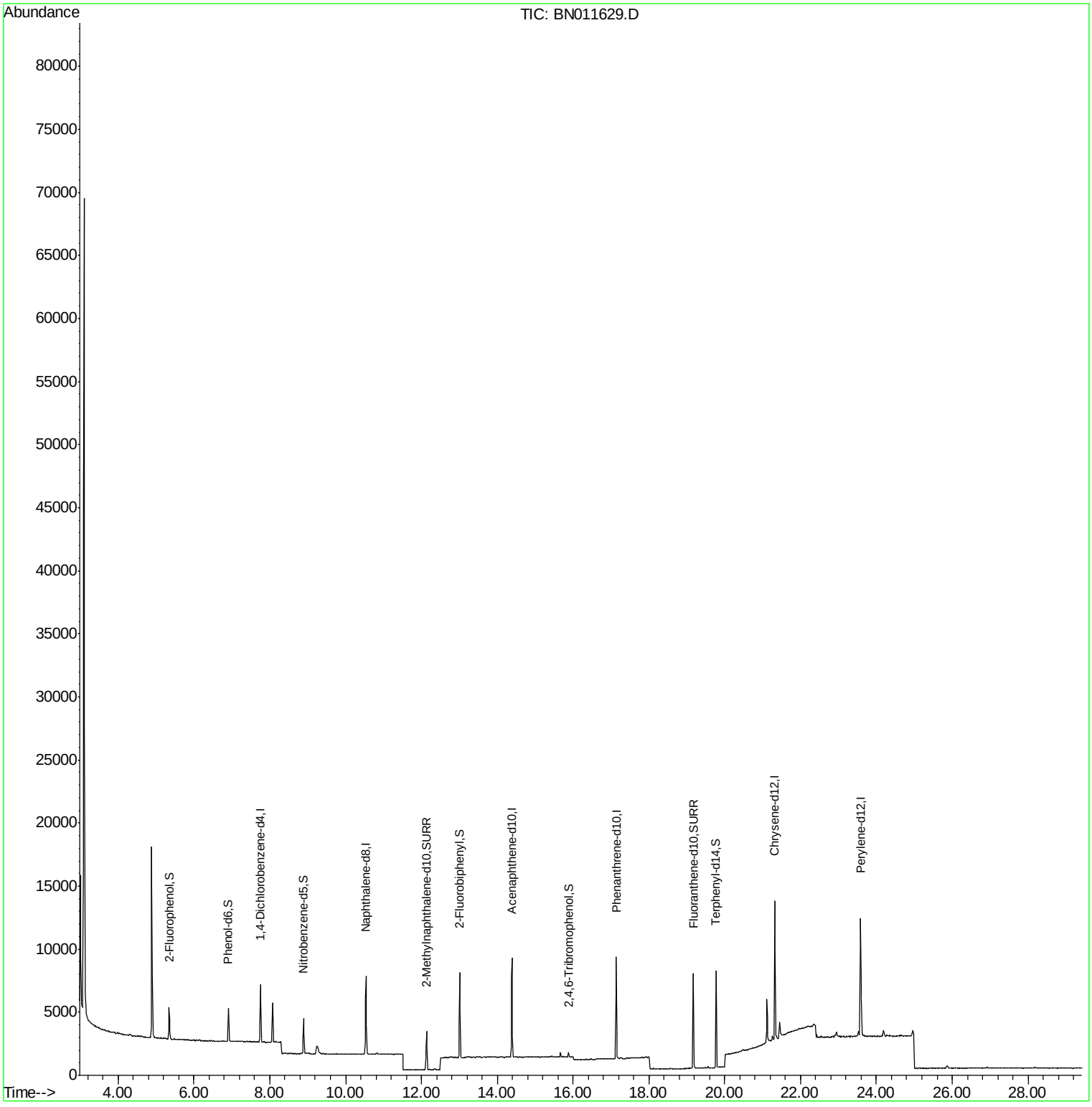
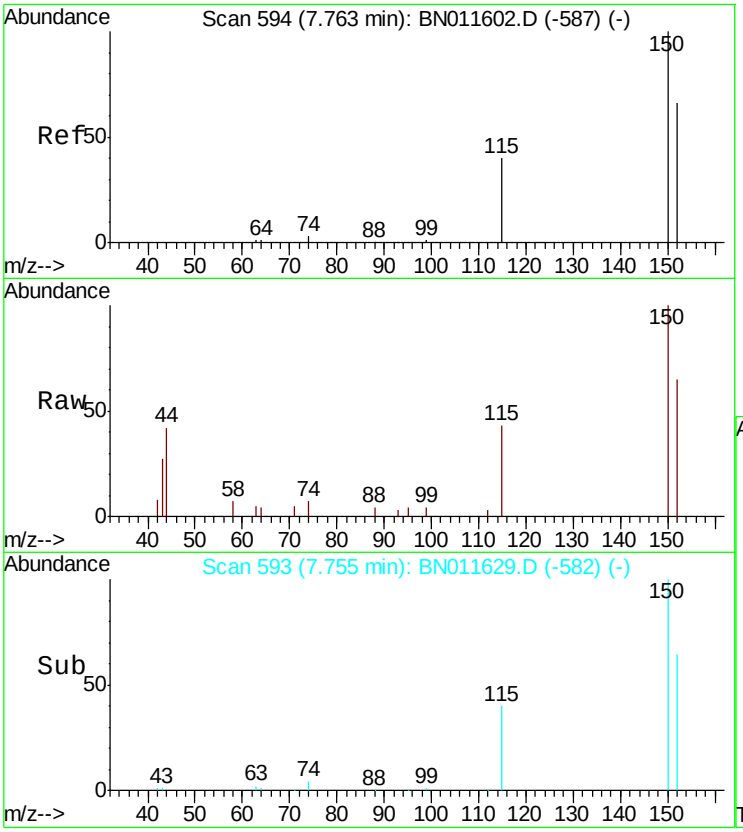


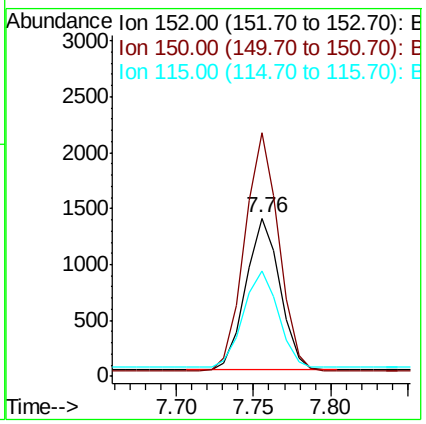


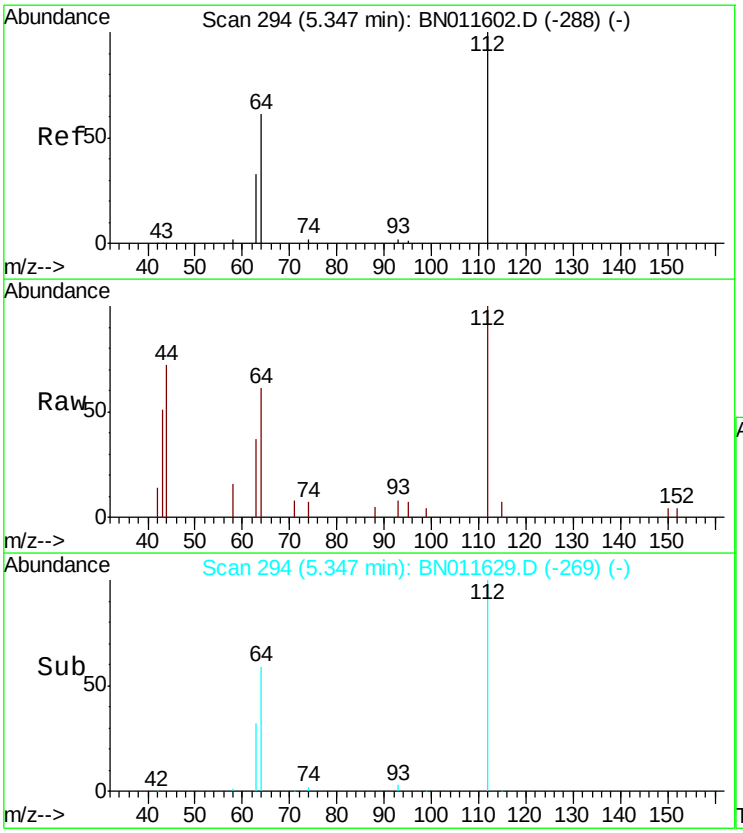
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion:152 Resp: 2092

Ion	Ratio	Lower	Upper
152	100		
150	154.0	112.4	168.6
115	66.5	56.9	85.3

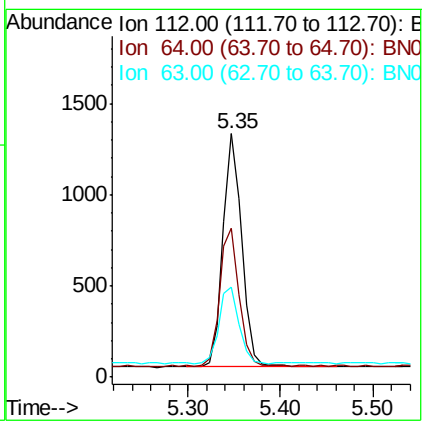


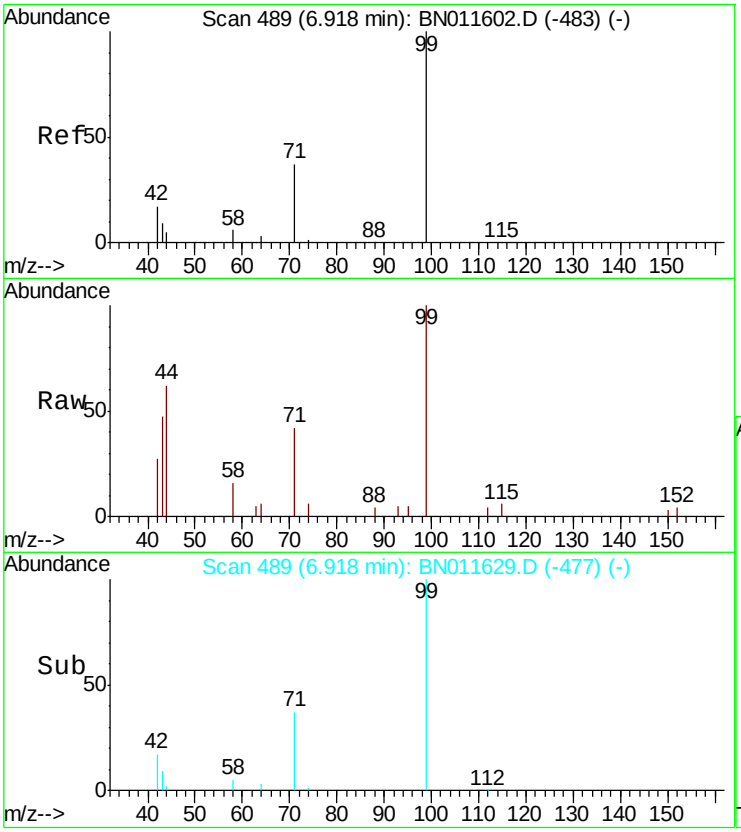


#4
2-Fluorophenol
Concen: 0.270 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:112 Resp: 1805

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.6	74.4
63	35.3	26.4	39.6



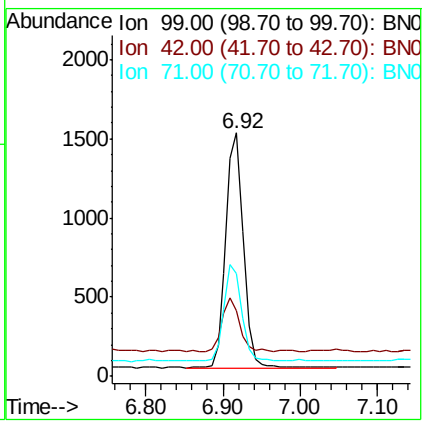


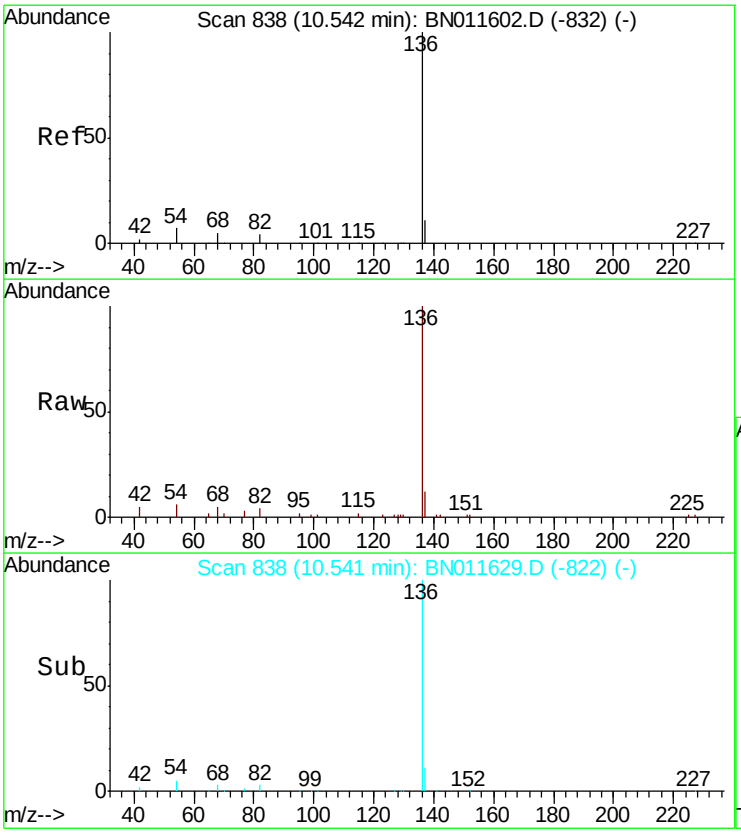
#5
Phenol-d6
Concen: 0.246 ng
RT: 6.92 min Scan# 489
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion: 99 Resp: 2331

Ion	Ratio	Lower	Upper
99	100		
42	23.5	0.0	0.0#
71	42.0	0.0	0.0#

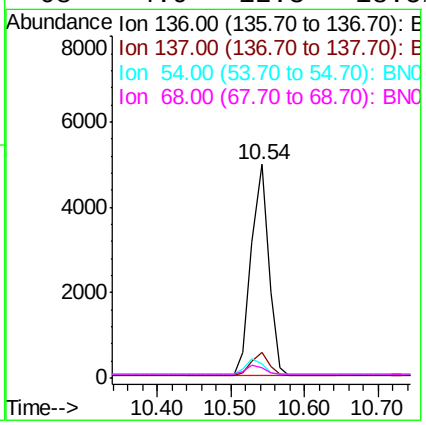


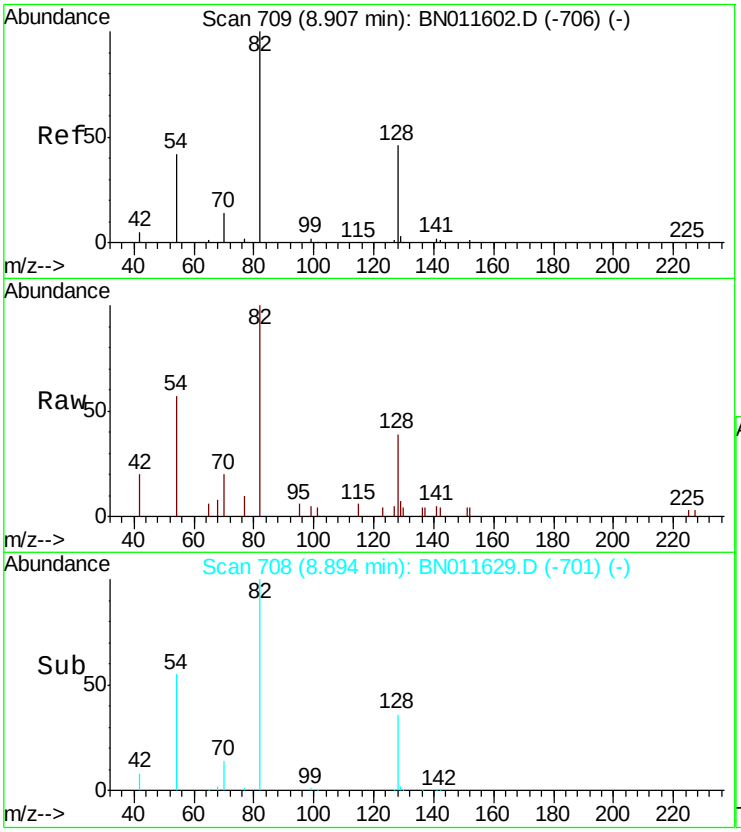


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 838
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:136 Resp: 8245

Ion	Ratio	Lower	Upper
136	100		
137	11.9	11.5	17.3
54	6.4	11.9	17.9#
68	4.9	12.3	18.5#



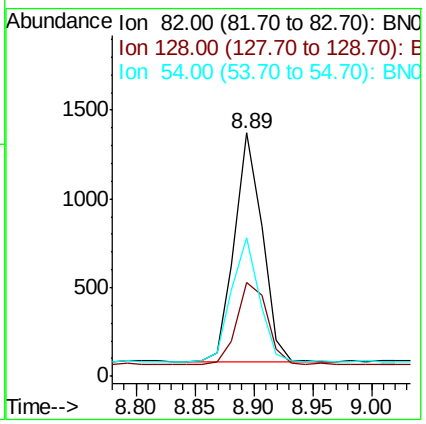


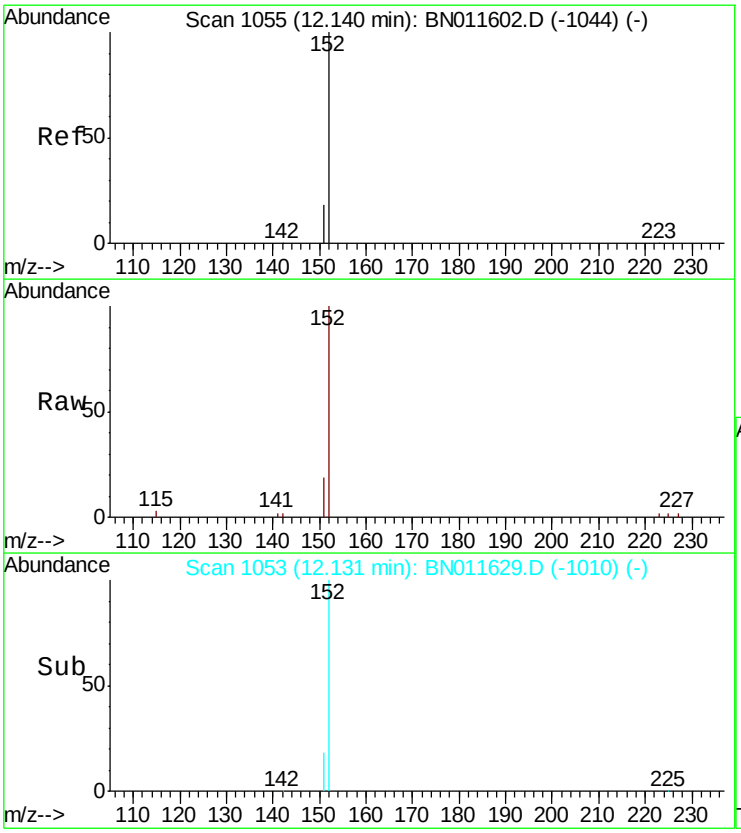
#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.89 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion: 82 Resp: 2116

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.1	46.7
54	57.1	37.1	55.7#

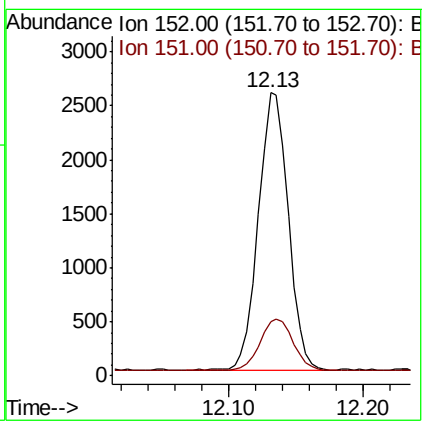


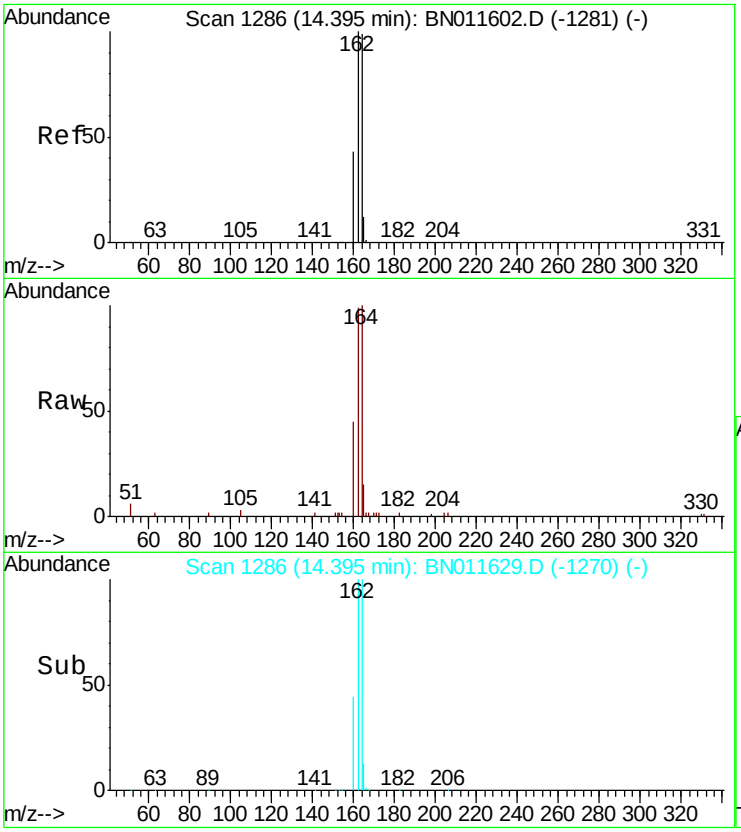


#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:152 Resp: 3967

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6



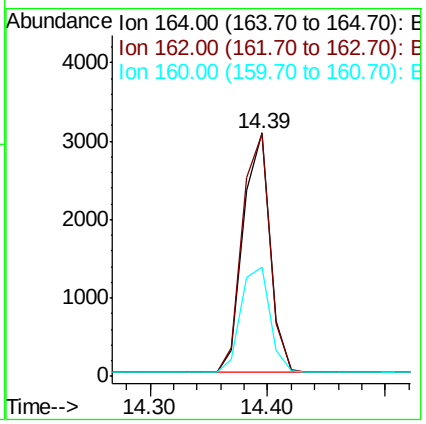


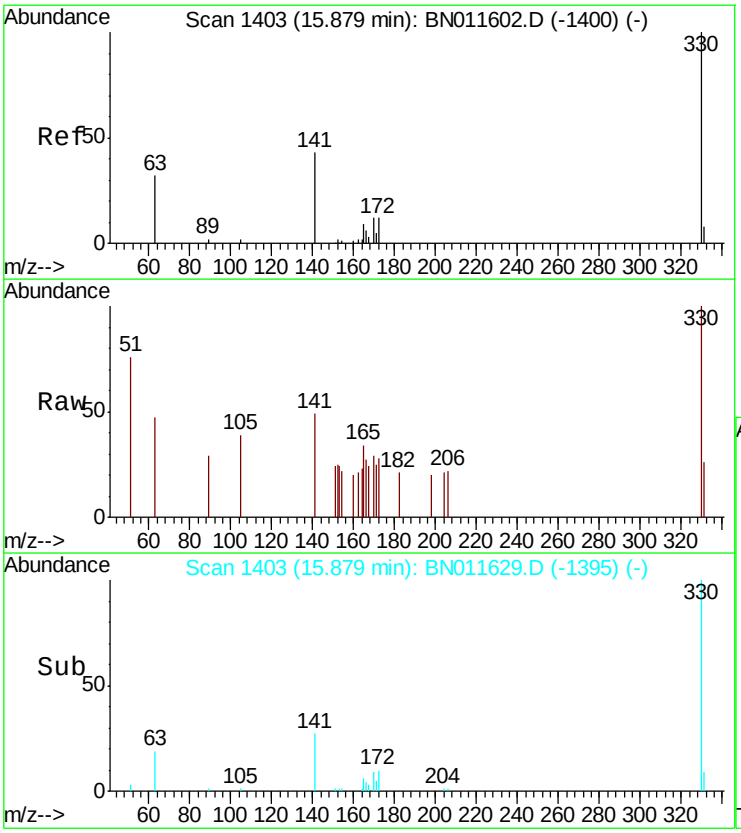
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion:164 Resp: 4846

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.8	121.2
160	44.6	35.6	53.4

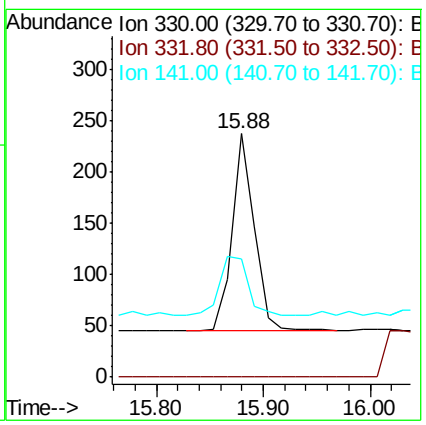


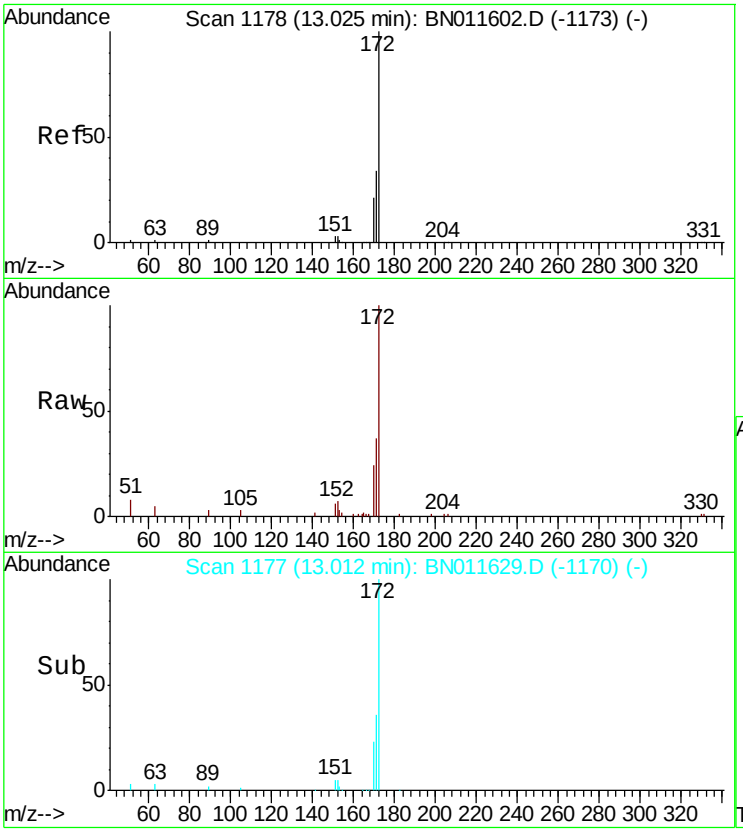


#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:330 Resp: 274

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.1	29.4	44.2



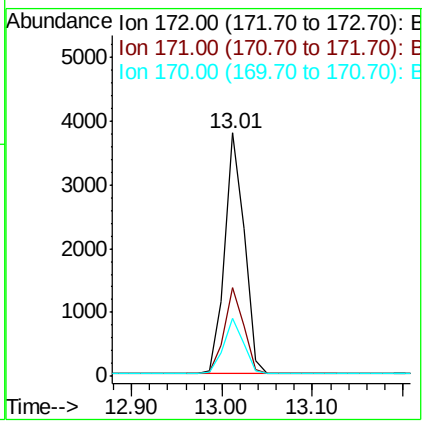


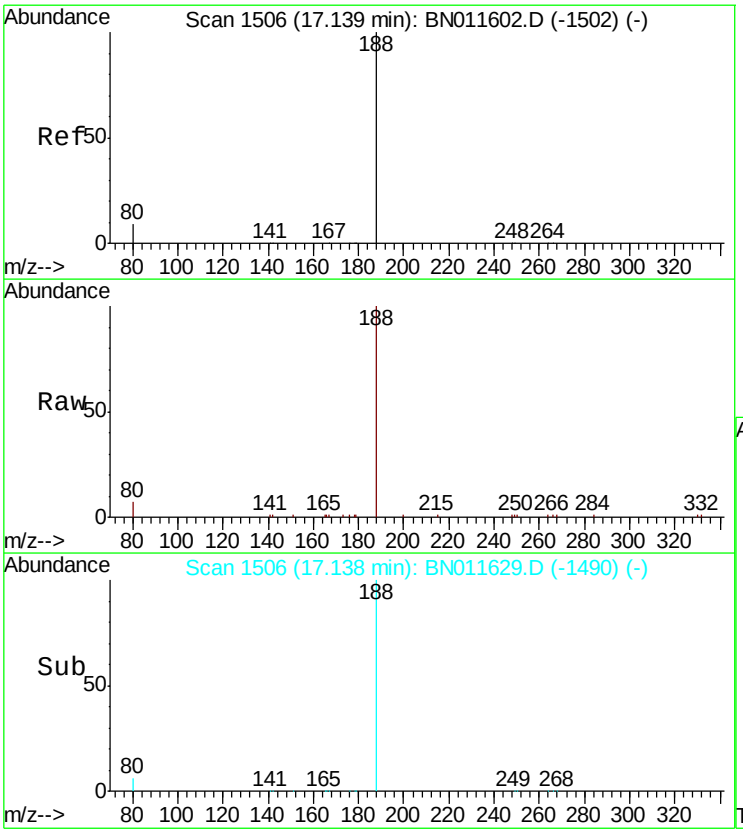
#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion:172 Resp: 5651

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.0	18.2	27.2

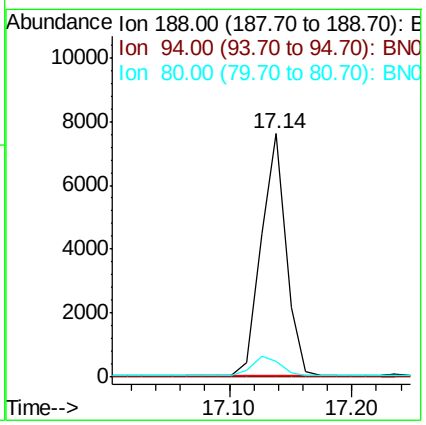


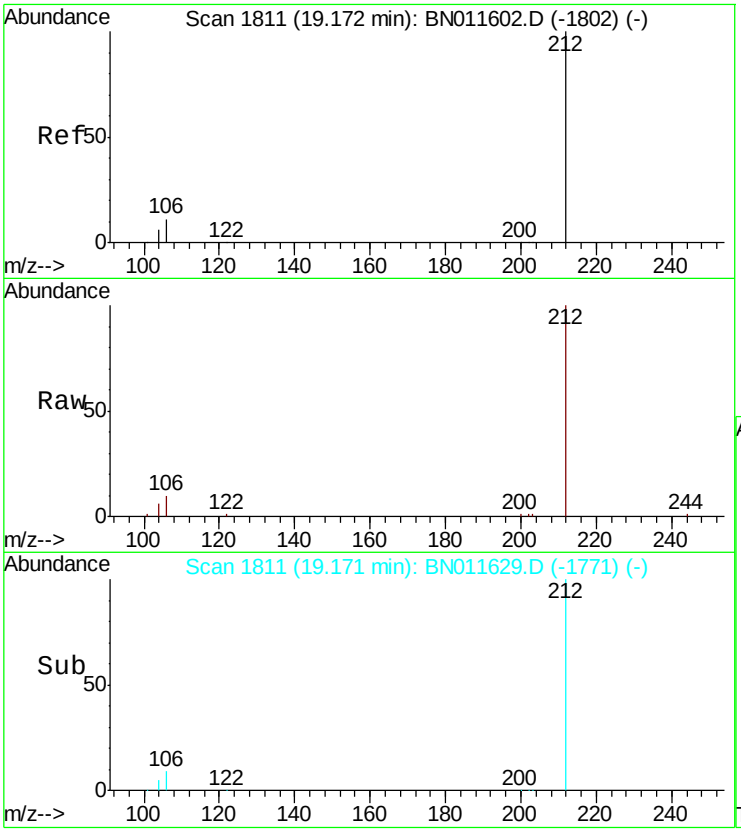


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:188 Resp: 10722

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	9.2	13.8#



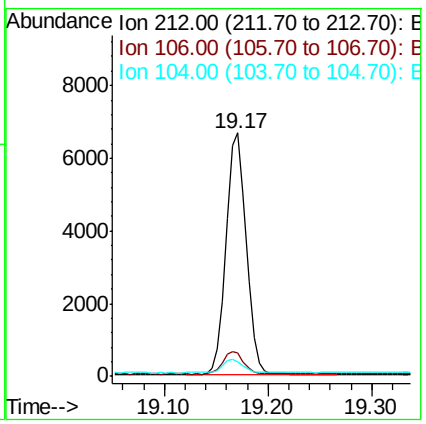


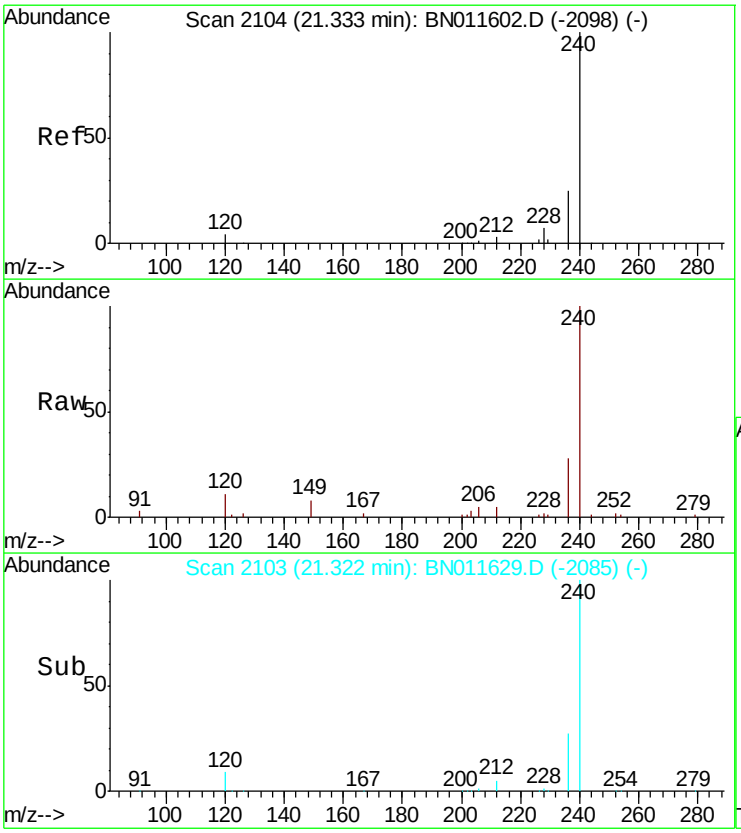
#27
Fluoranthene-d10
Concen: 0.250 ng
RT: 19.17 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion:212 Resp: 8749

Ion	Ratio	Lower	Upper
212	100		
106	9.7	8.9	13.3
104	5.7	5.3	7.9

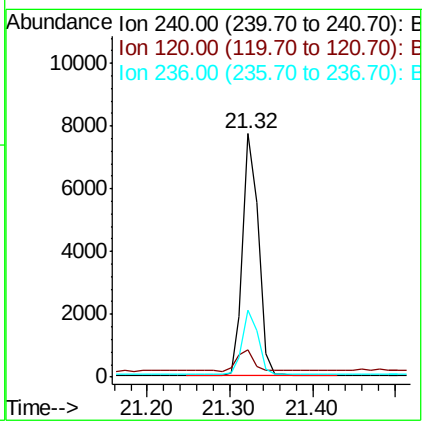


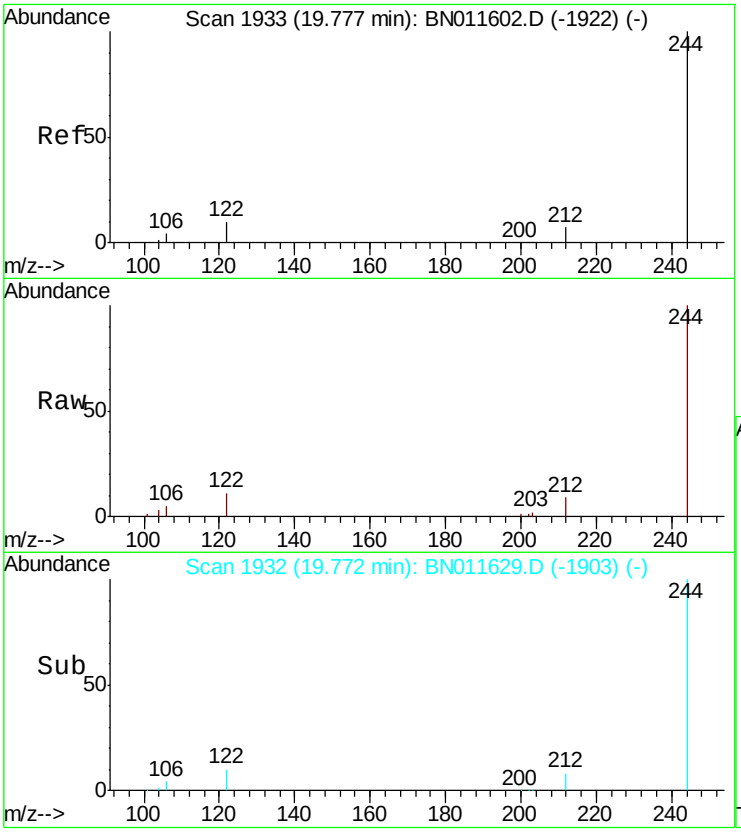


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:240 Resp: 10197

Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.0	9.0#
236	27.6	20.8	31.2



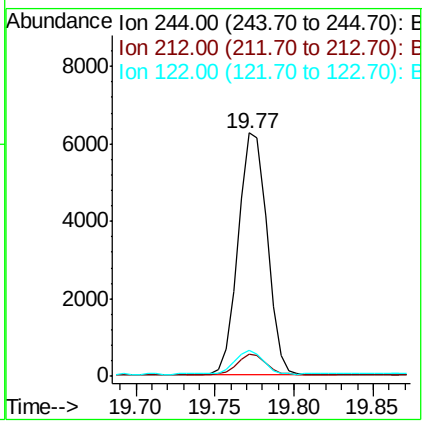


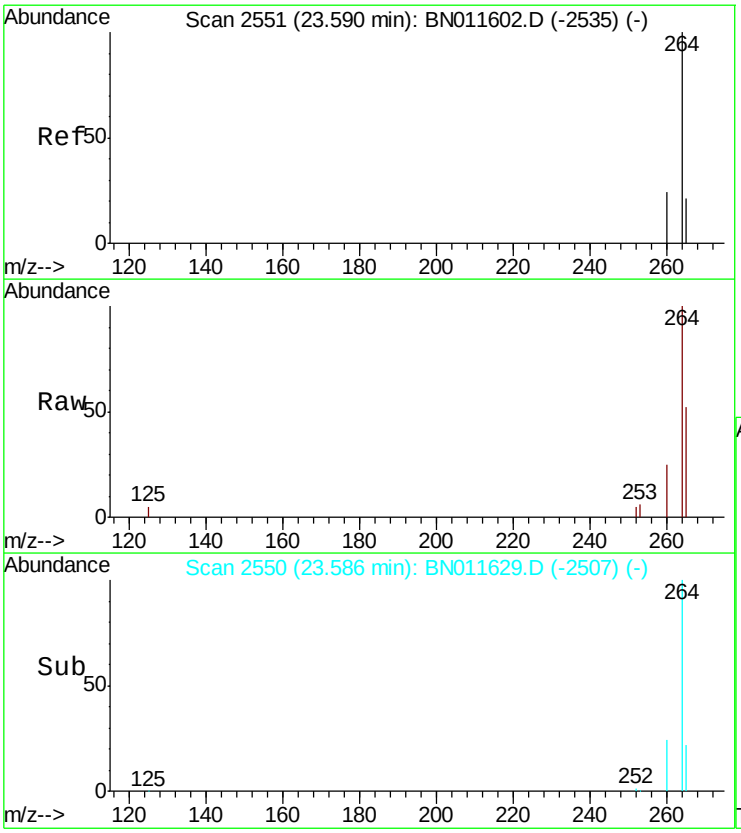
#31
Terphenyl-d14
Concen: 0.301 ng
RT: 19.77 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Instrument :
BNA_N
ClientSampleId :
PB131047BL

Tgt Ion:244 Resp: 7849

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	10.6	9.5	14.3





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.59 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BN011629.D
Acq: 25 Aug 2020 23:50

Tgt Ion:264 Resp: 11995

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	51.6	40.7	61.1