Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011634.D
Acq On : 26 Aug 2020 02:51
Operator : CG/JU
Sample : L3736-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : OUTFALL001-200818

Quant Time: Aug 26 09:05:24 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	2256	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9223	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5939	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13156	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12640	0.40	ng	-0.01
36) Perylene-d12	23.58	264	13483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1030	0.14	ng	0.00
5) Phenol-d6	6.91	99	820	0.08	ng	0.00
8) Nitrobenzene-d5	8.89	82	4263	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4790	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1213	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	12118	0.52	ng	-0.01
27) Fluoranthene-d10	19.17	212	13734	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	23595	0.73	ng	0.00
Target Compounds						Qvalue

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

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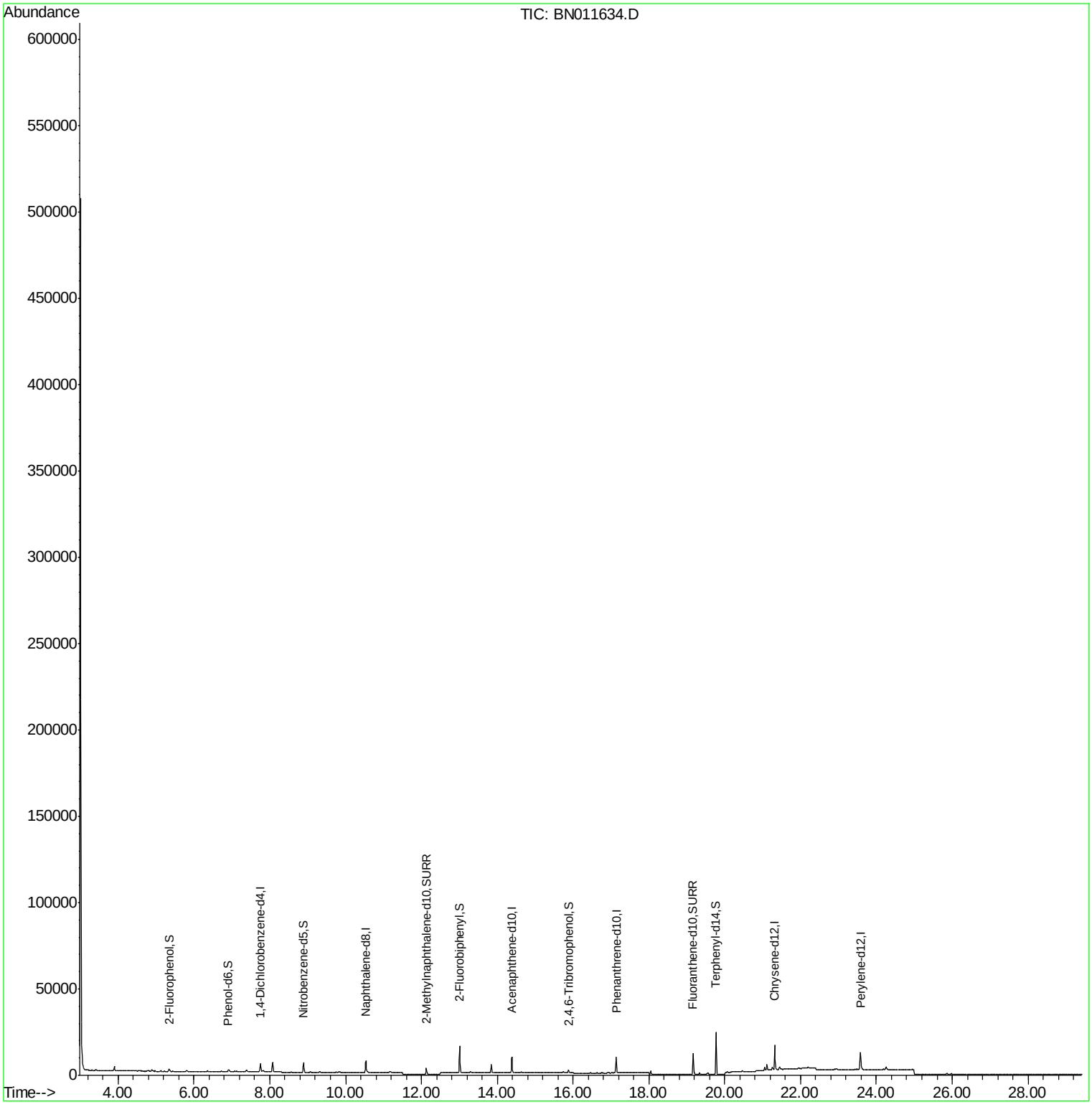
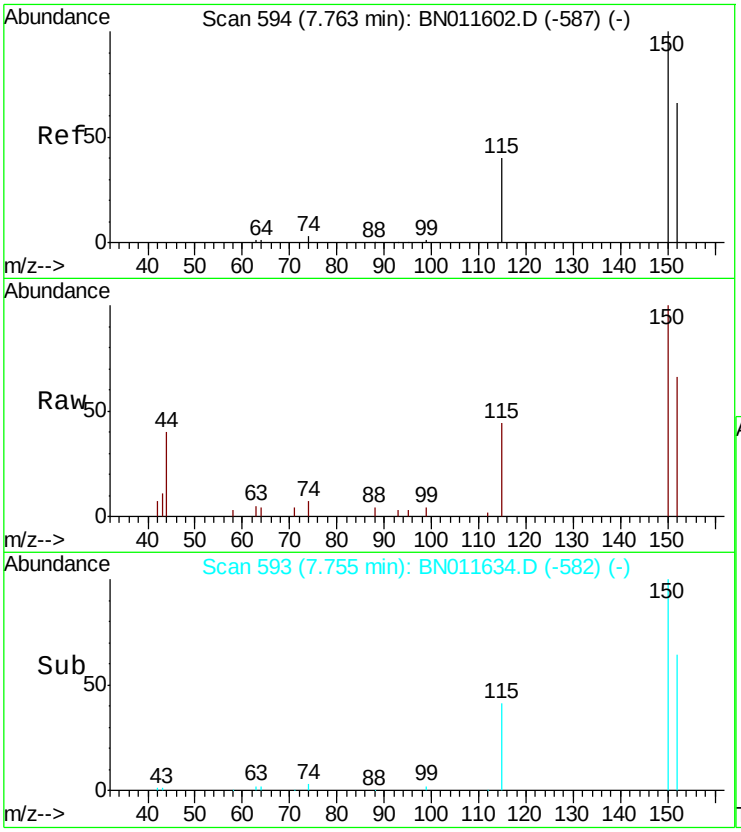


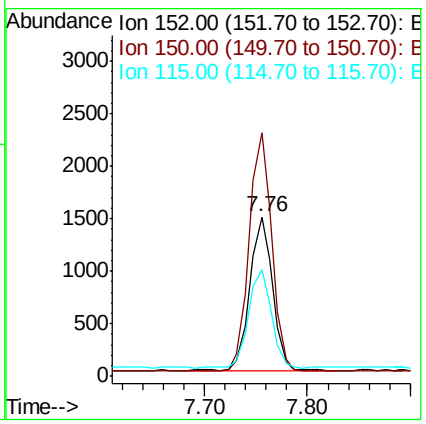


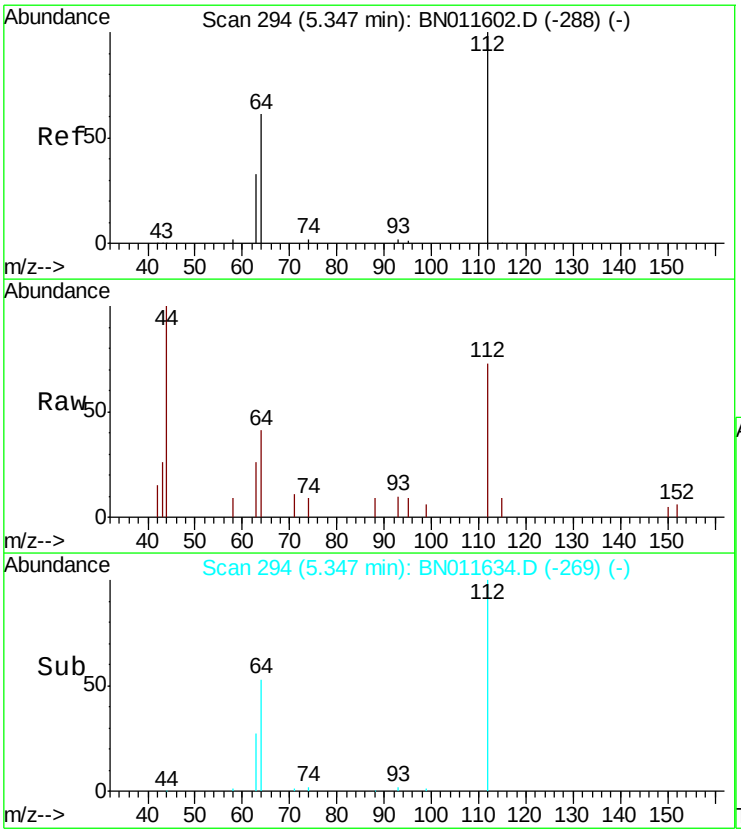
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion:152 Resp: 2256

Ion	Ratio	Lower	Upper
152	100		
150	152.5	112.4	168.6
115	66.8	56.9	85.3

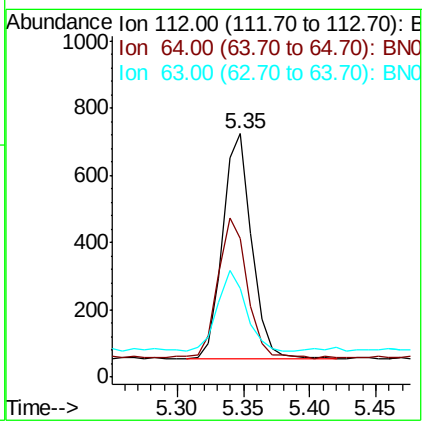


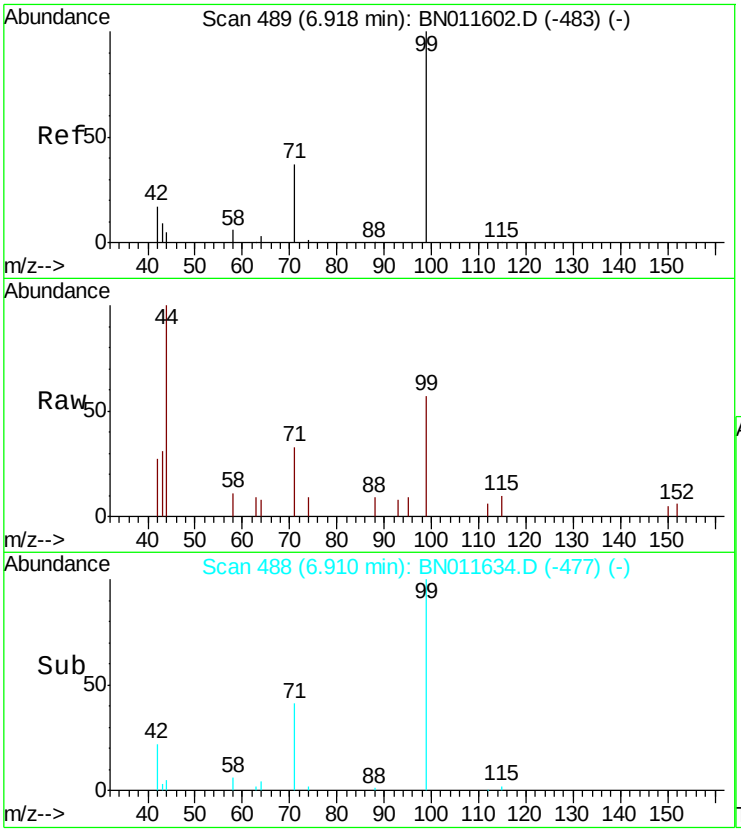


#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:112 Resp: 1030

Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.6	74.4
63	35.2	26.4	39.6



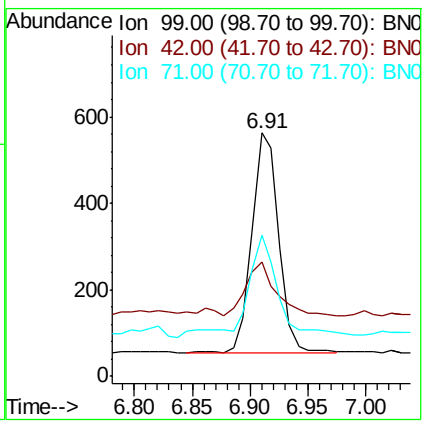


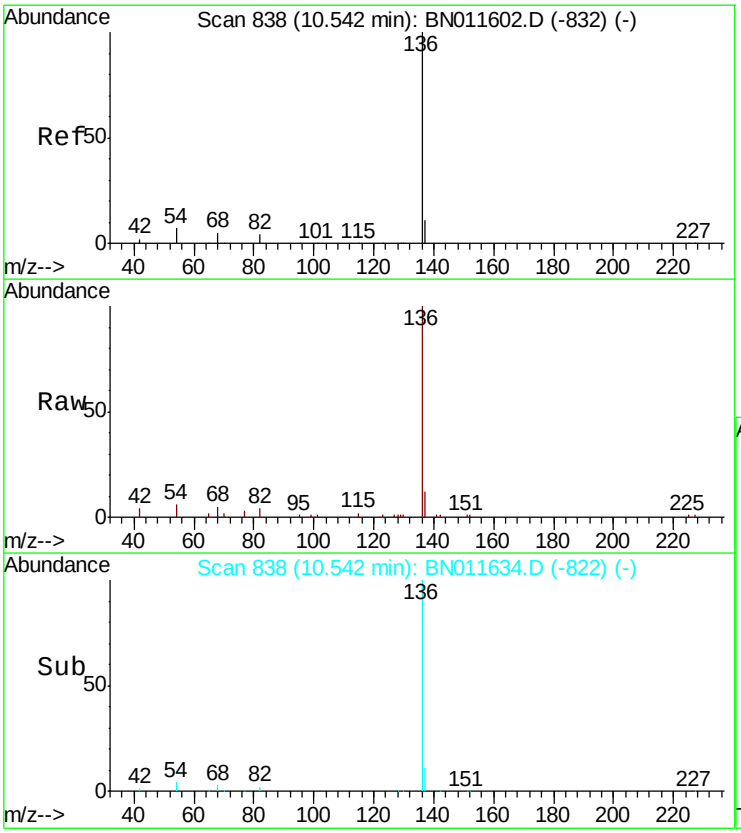
#5
Phenol-d6
Concen: 0.080 ng
RT: 6.91 min Scan# 488
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion: 99 Resp: 820

Ion	Ratio	Lower	Upper
99	100		
42	28.0	0.0	0.0#
71	46.8	0.0	0.0#

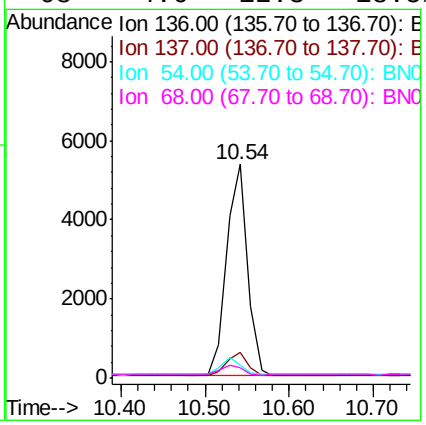


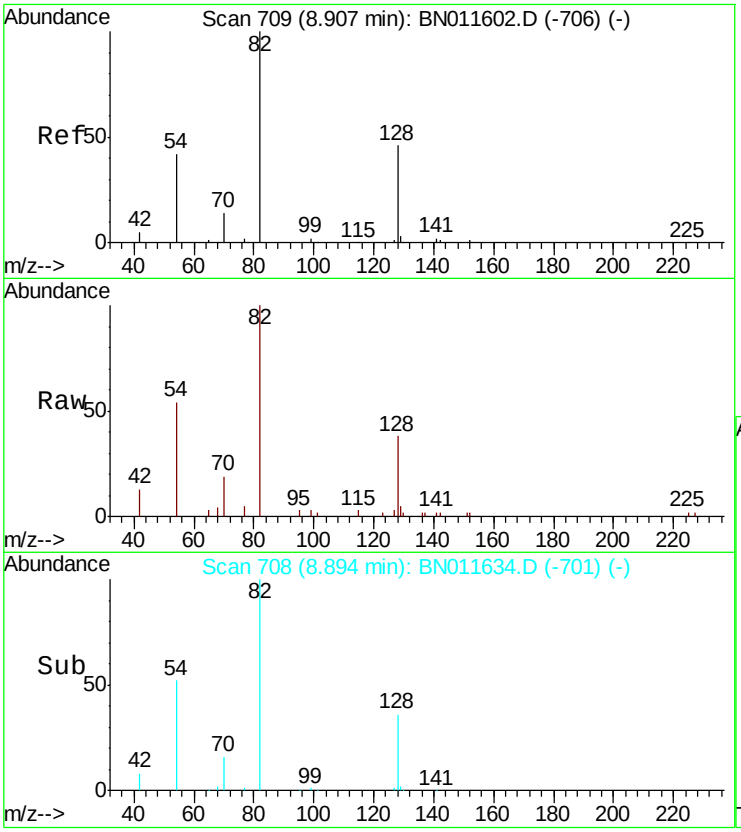


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 838
Delta R.T. -0.00 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:136 Resp: 9223

Ion	Ratio	Lower	Upper
136	100		
137	11.8	11.5	17.3
54	5.9	11.9	17.9#
68	4.6	12.3	18.5#



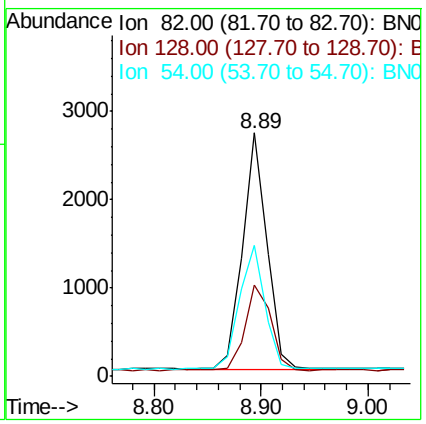


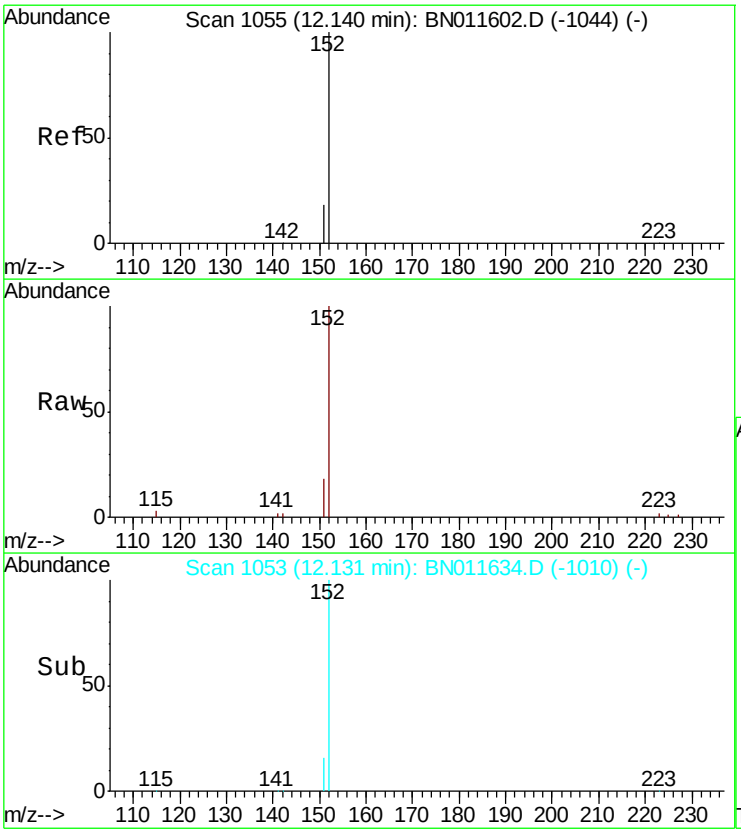
#8
Nitrobenzene-d5
Concen: 0.534 ng
RT: 8.89 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion: 82 Resp: 4263

Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.1	46.7
54	53.6	37.1	55.7

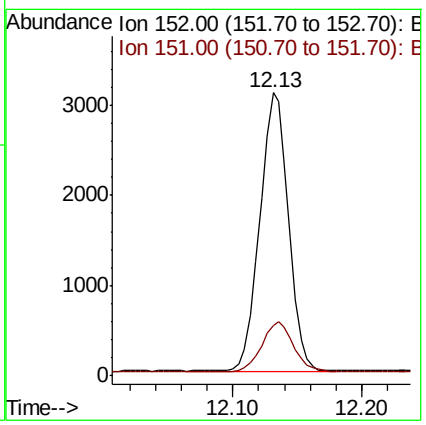


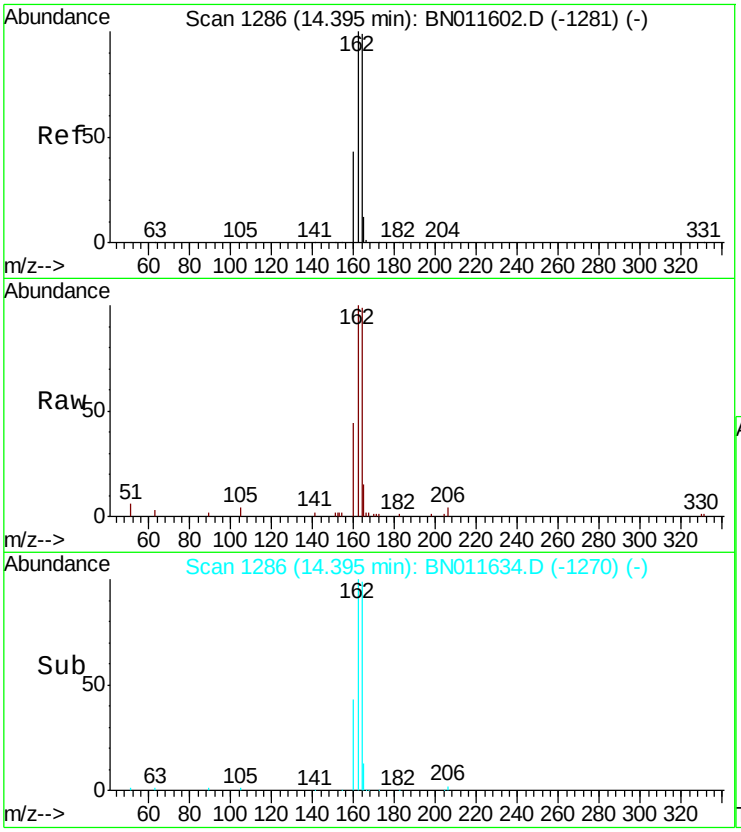


#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:152 Resp: 4790

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.4	24.6



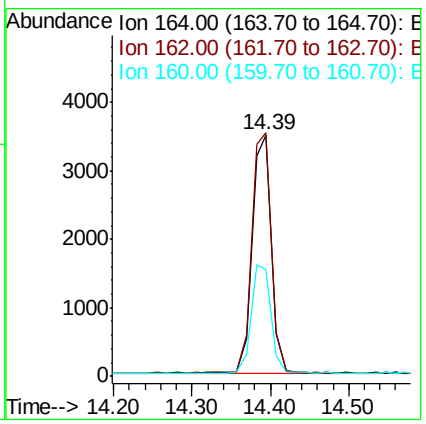


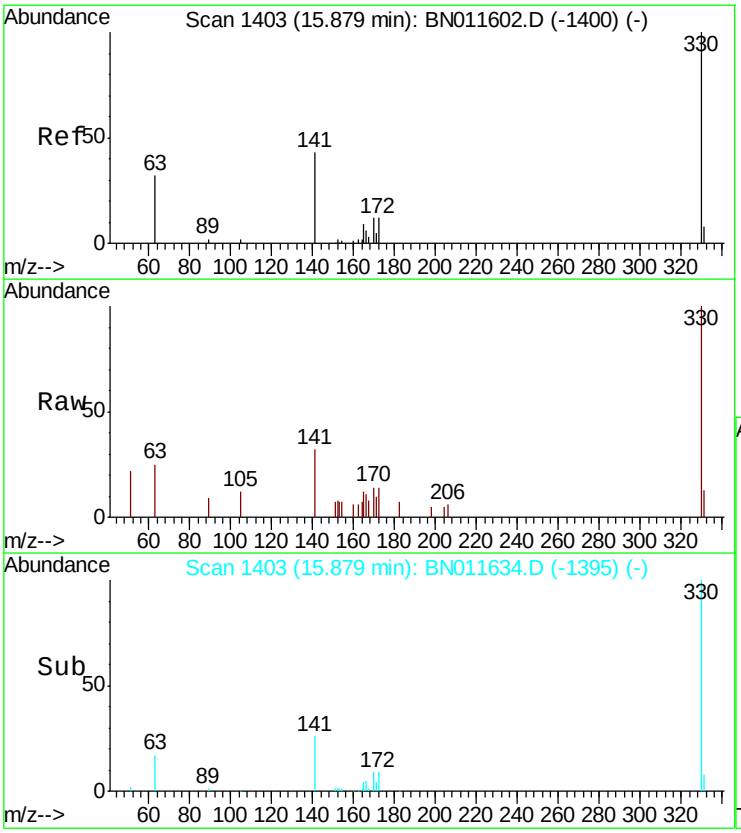
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion:164 Resp: 5939

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	44.3	35.6	53.4

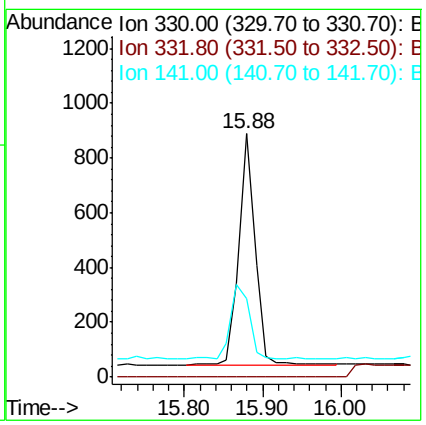


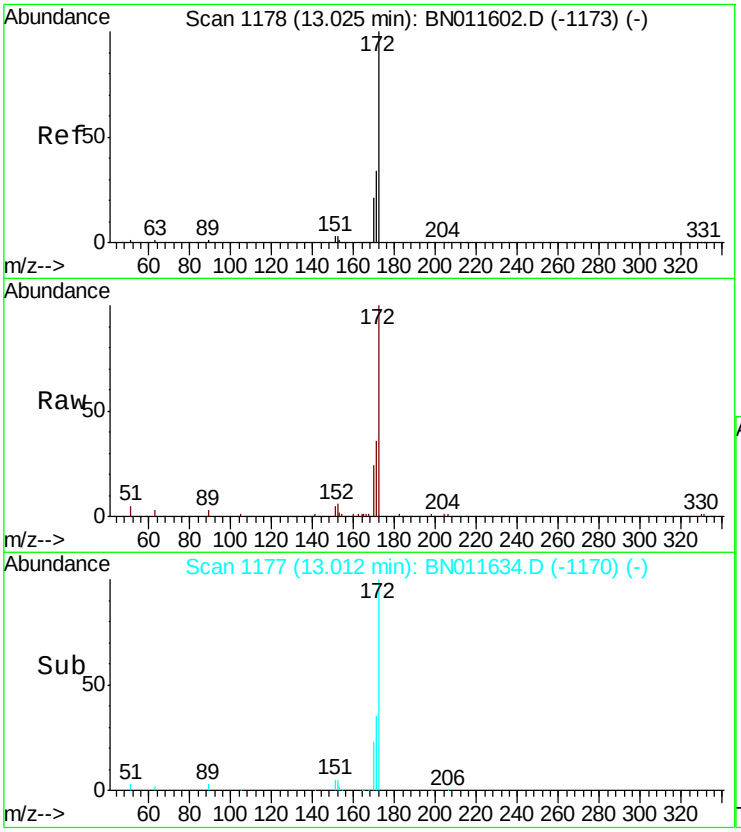


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:330 Resp: 1213

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	29.4	44.2



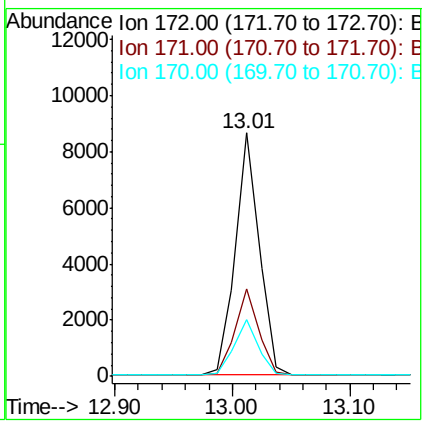


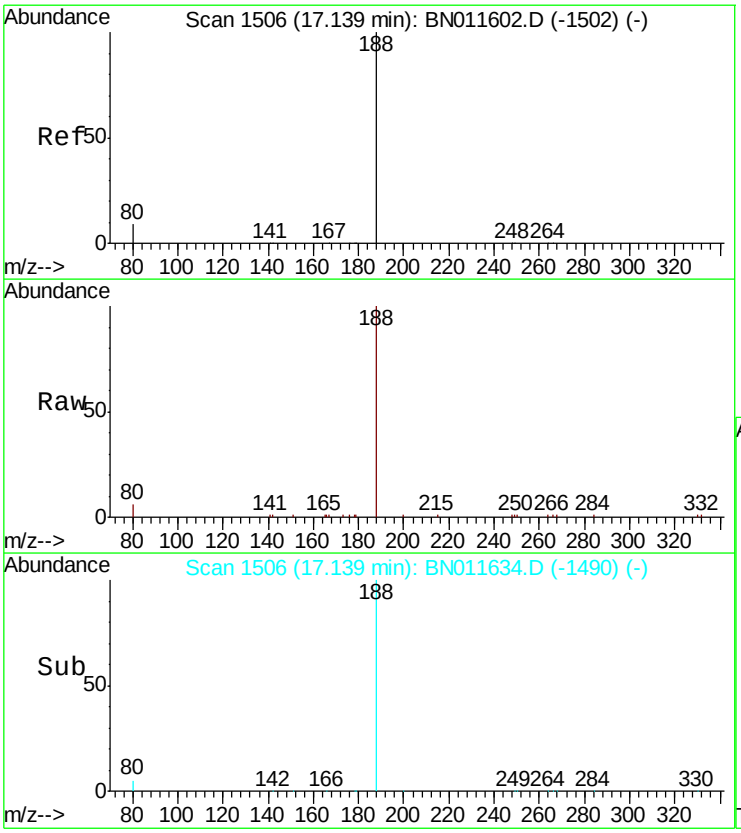
#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion:172 Resp: 12118

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.5	18.2	27.2

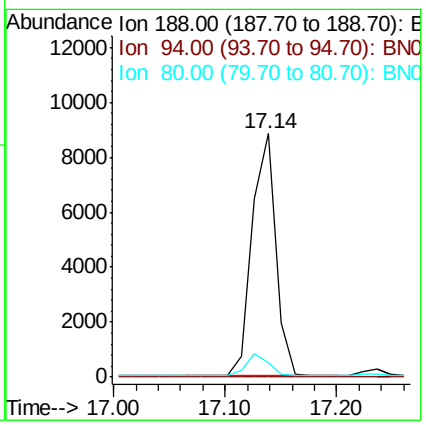


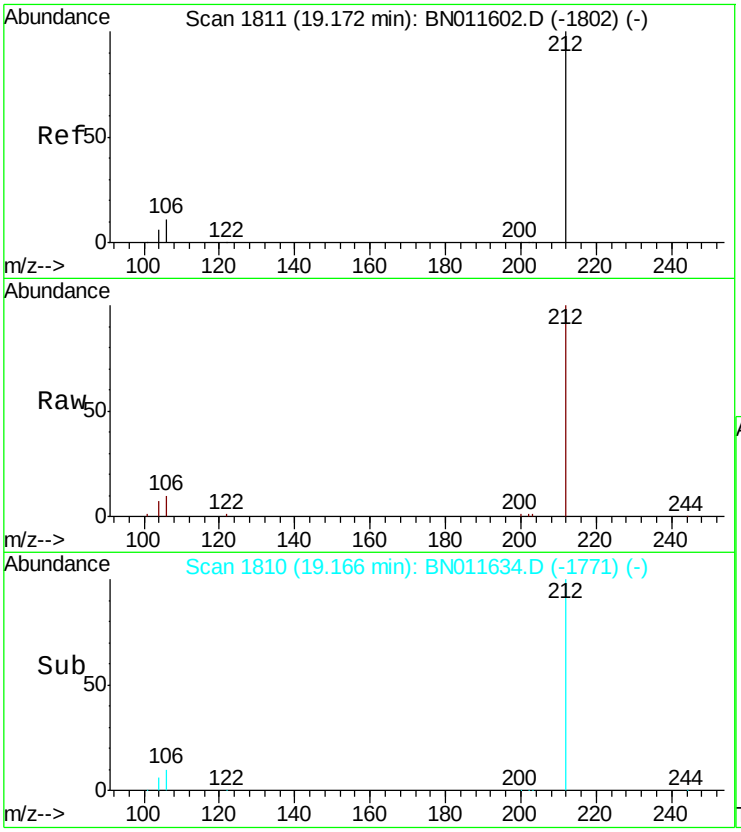


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:188 Resp: 13156

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	9.2	13.8#



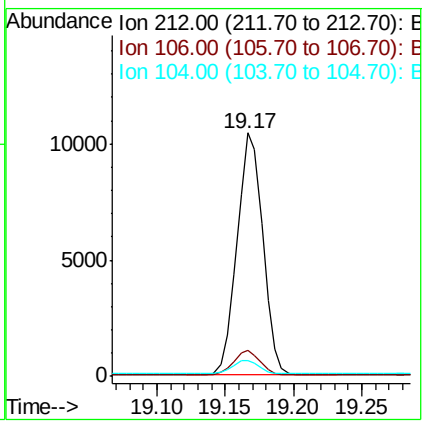


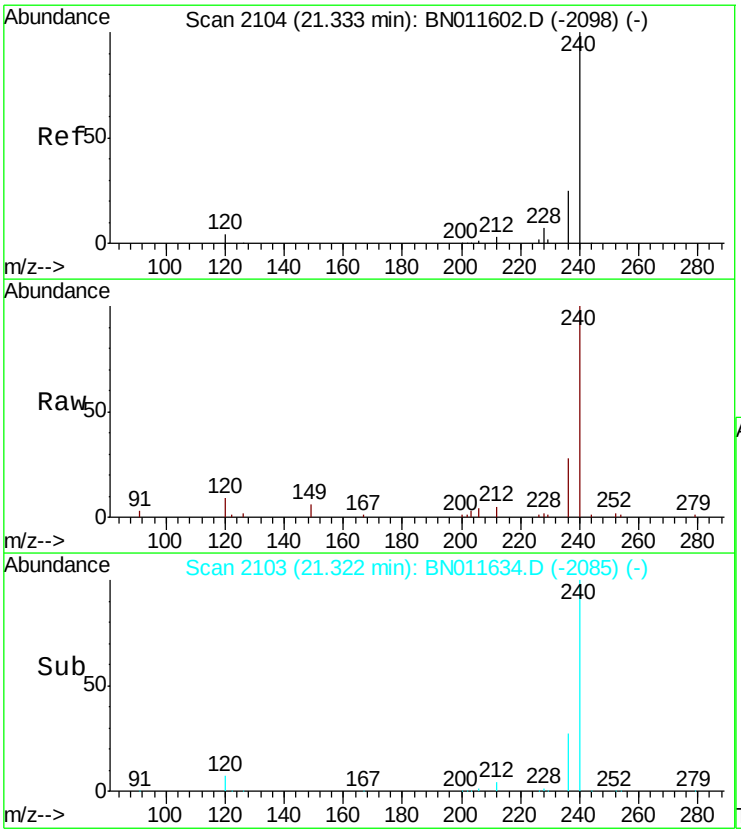
#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.17 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion:212 Resp: 13734

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.9	13.3
104	5.9	5.3	7.9

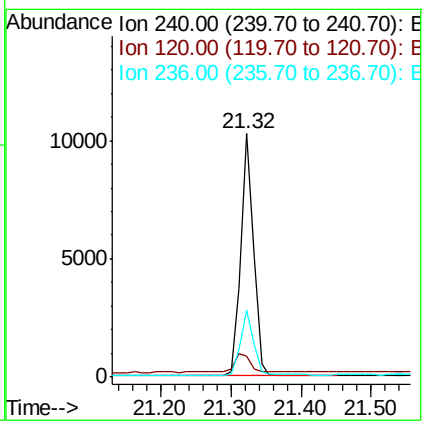


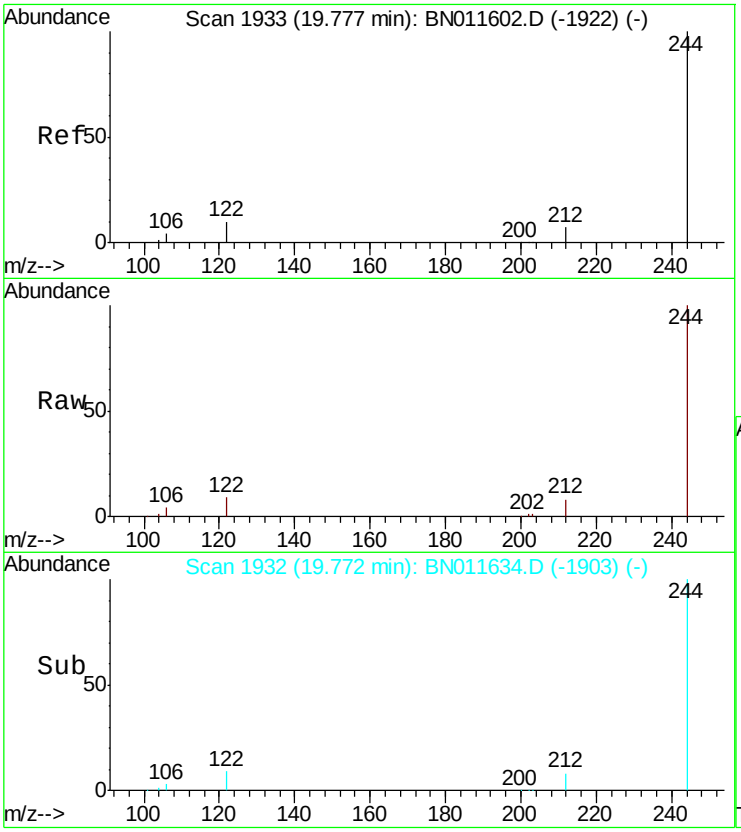


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:240 Resp: 12640

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.0	9.0
236	27.7	20.8	31.2



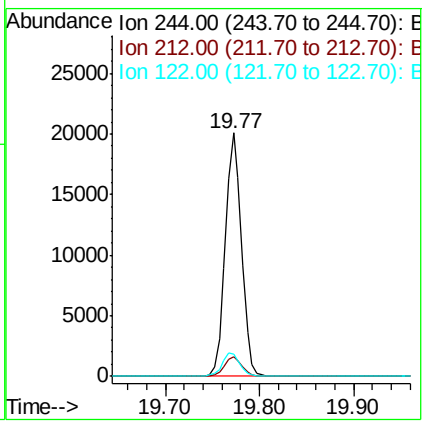


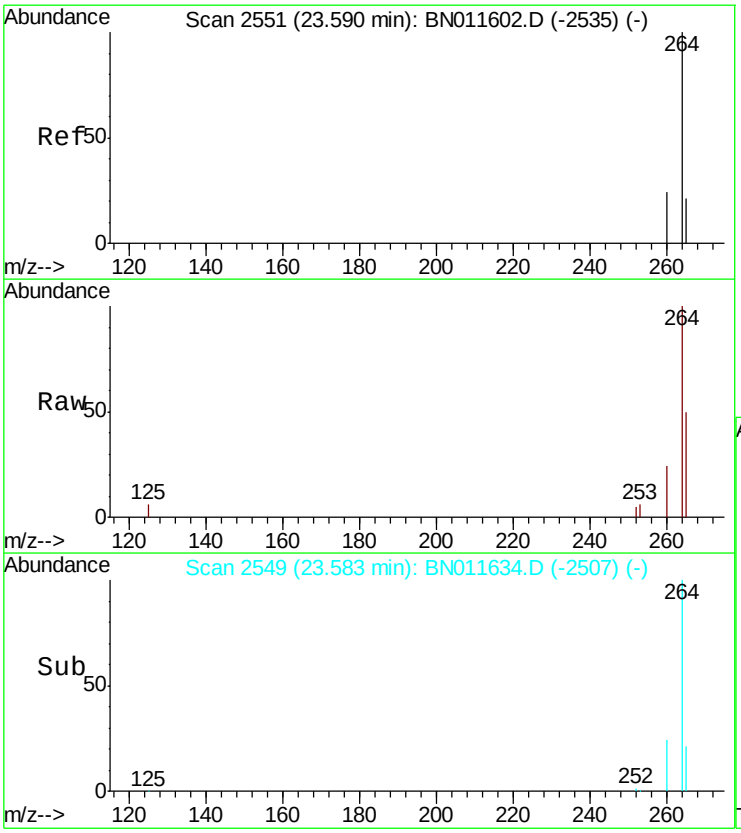
#31
Terphenyl-d14
Concen: 0.731 ng
RT: 19.77 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

Tgt Ion:244 Resp: 23595

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.3	9.5	14.3#





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:264 Resp: 13483

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	50.4	40.7	61.1