Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004839.D
Acq On : 21 Mar 2019 03:03
Operator : JU/SJ
Sample : K1842-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PR-MW-04_030819

Quant Time: Mar 21 09:20:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1830	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7901	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5107	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	13993	0.40	ng	0.01
27) Chrysene-d12	21.29	240	18556	0.40	ng	0.00
34) Perylene-d12	23.54	264	20515	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	838	0.17	ng	0.00
5) Phenol-d6	6.89	99	639	0.10	ng	0.00
8) Nitrobenzene-d5	8.87	82	1763	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	4798	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1131	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	8322	0.39	ng	0.00
25) Fluoranthene-d10	19.13	212	17628	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	17311	0.46	ng	0.00
Target Compounds						Qvalue

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

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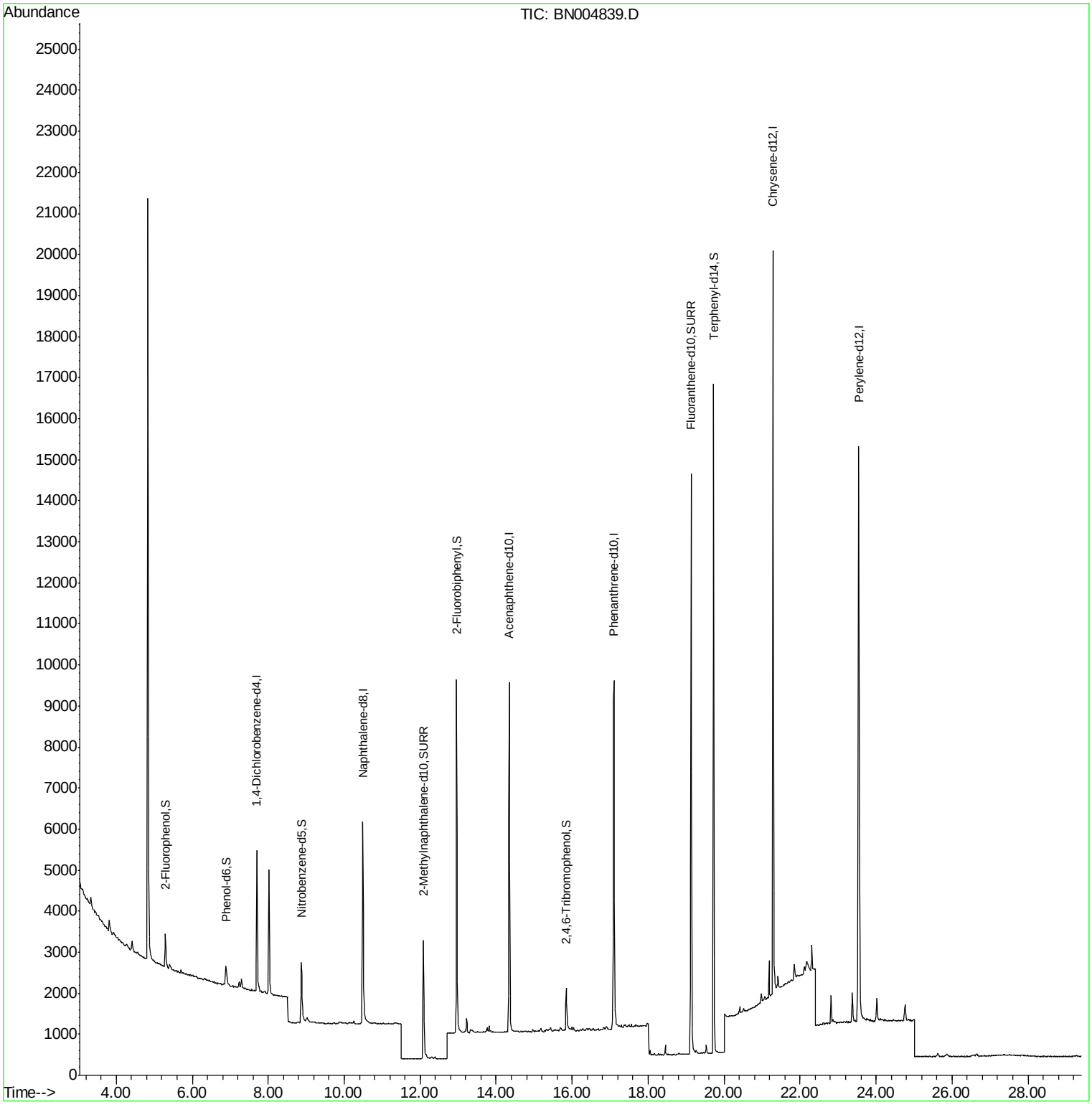
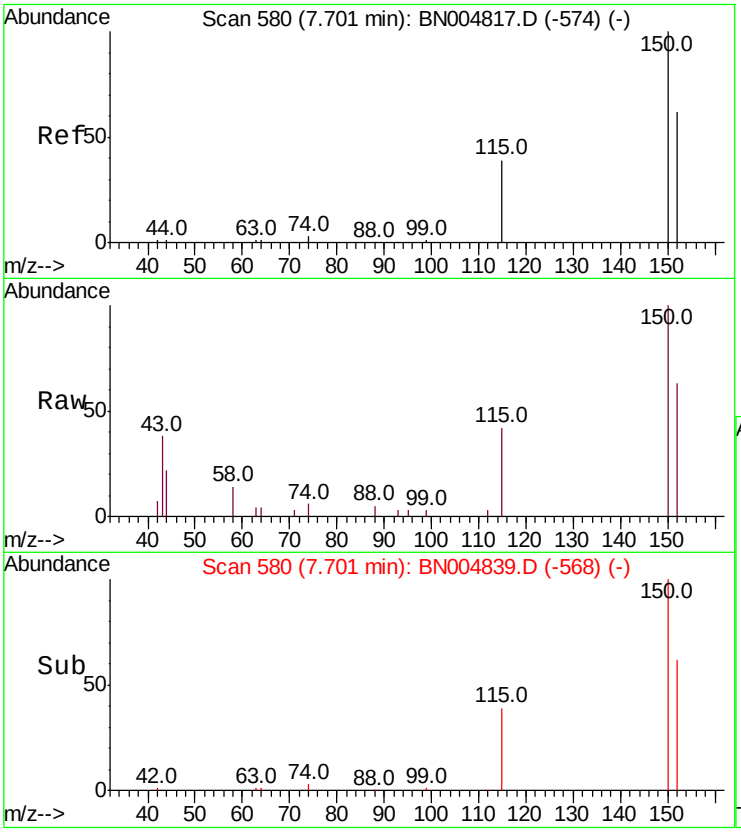


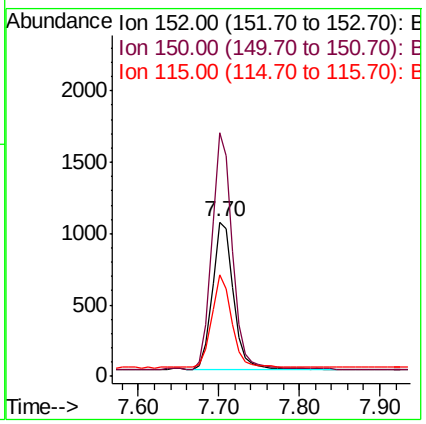


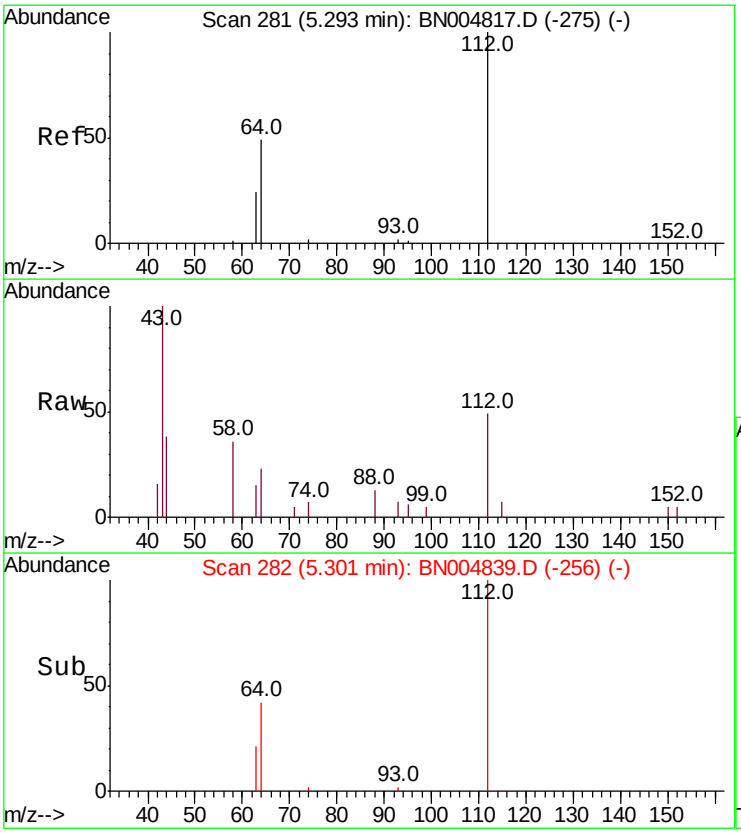
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion:152 Resp: 1830

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.4
115	65.4	52.6	79.0

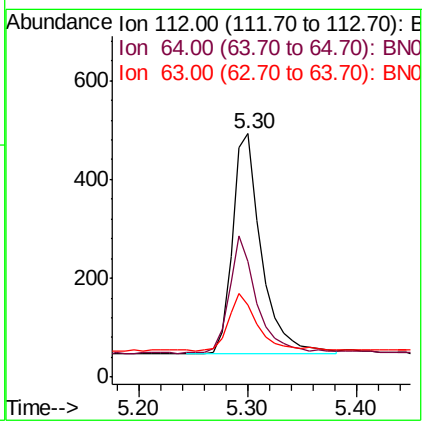


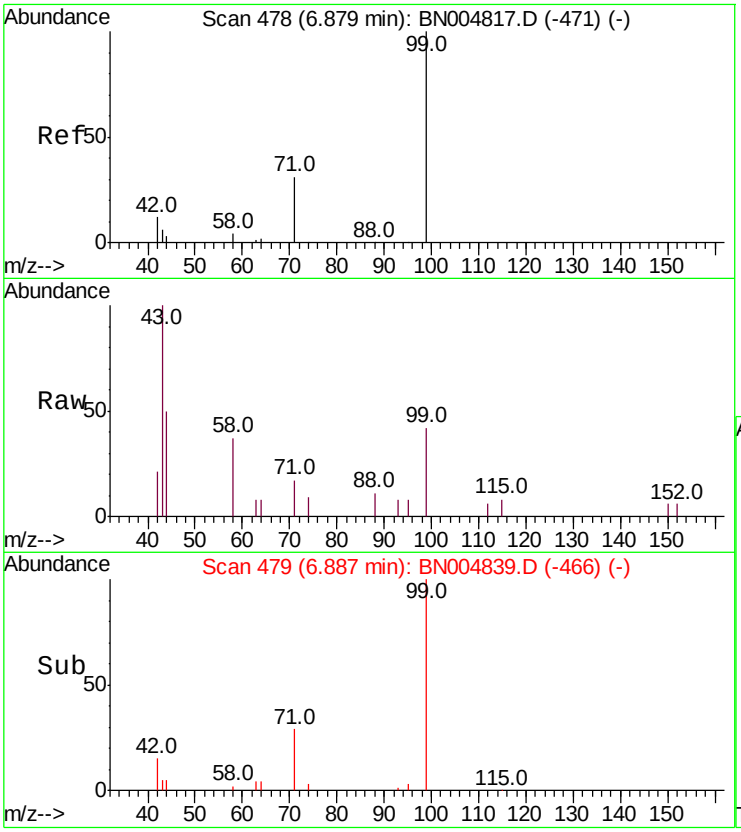


#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:112 Resp: 838

Ion	Ratio	Lower	Upper
112	100		
64	51.6	40.0	60.0
63	26.0	20.2	30.2



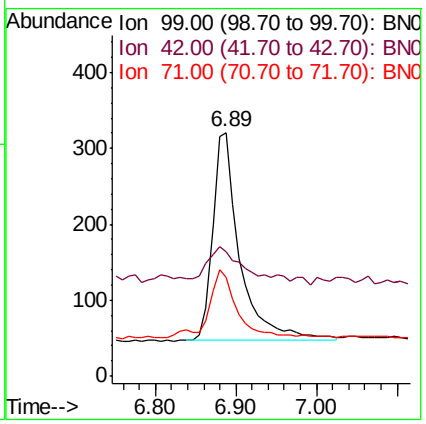


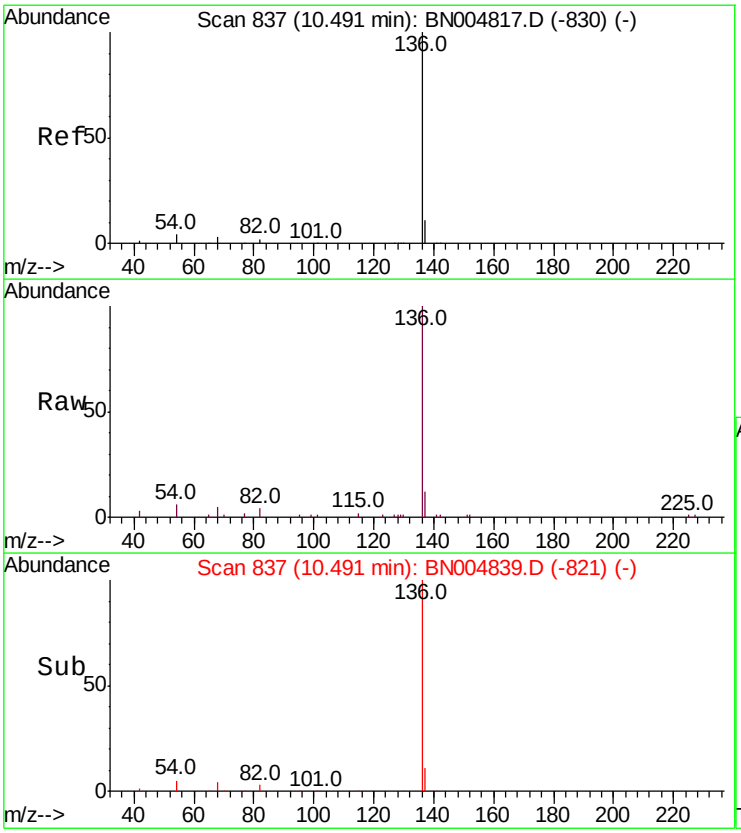
#5
Phenol-d6
Concen: 0.103 ng
RT: 6.89 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 99 Resp: 639

Ion	Ratio	Lower	Upper
99	100		
42	27.2	12.7	19.1#
71	34.0	26.6	40.0

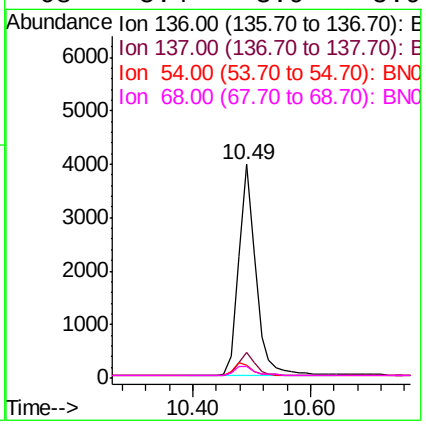


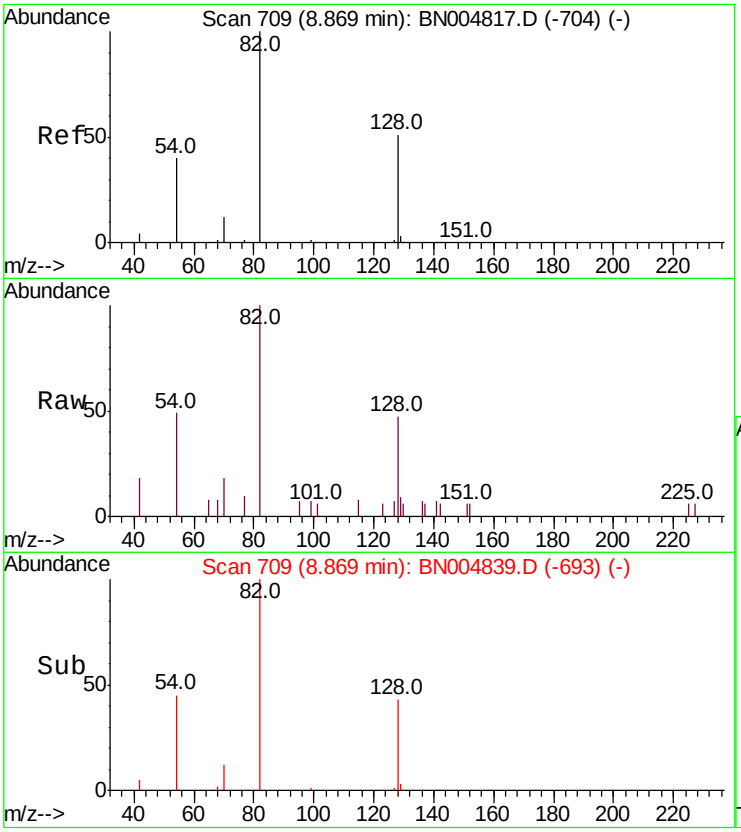


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:136 Resp: 7901

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	6.1	4.2	6.2
68	5.4	3.9	5.9



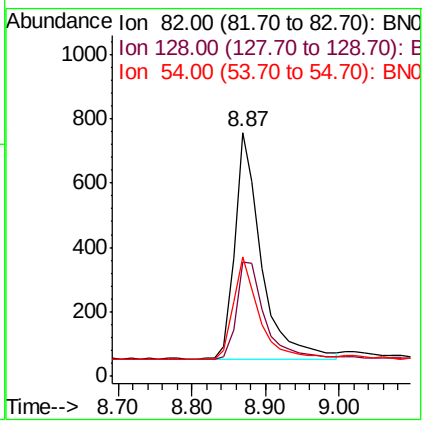


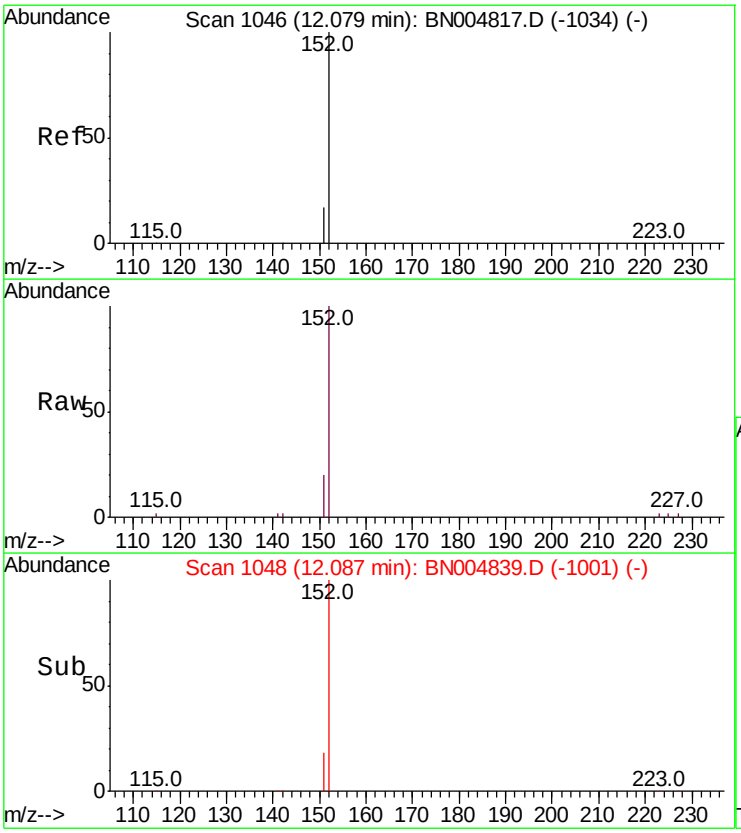
#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 82 Resp: 1763

Ion	Ratio	Lower	Upper
82	100		
128	47.0	43.0	64.6
54	48.8	35.3	52.9

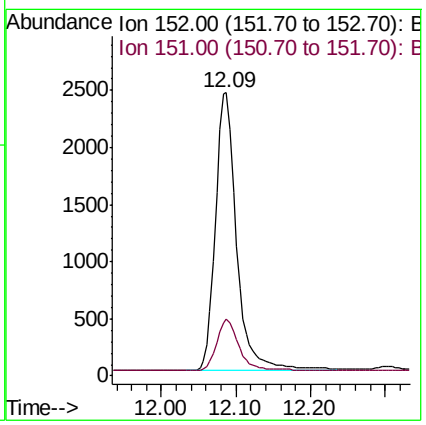


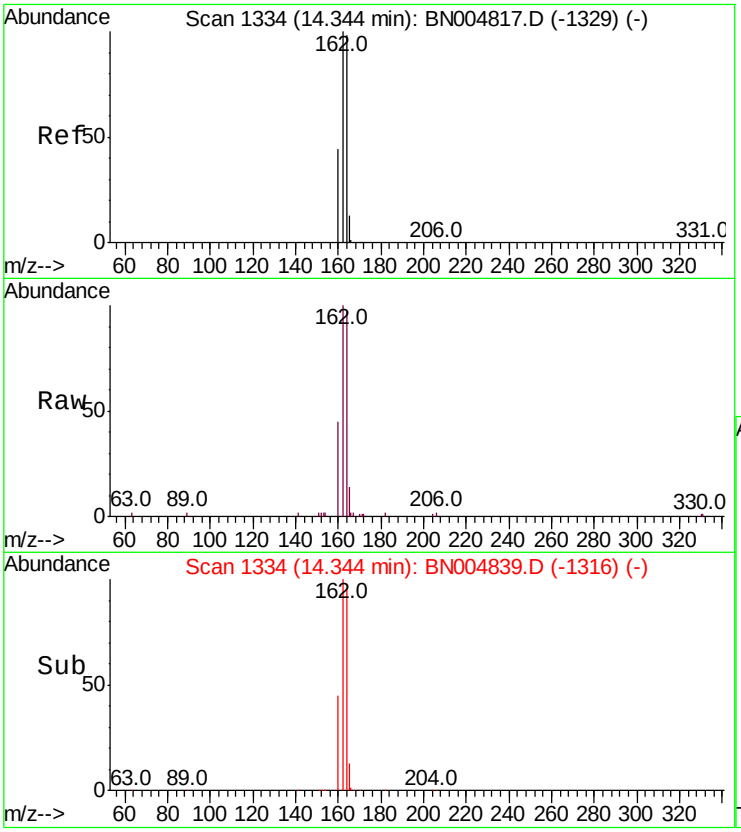


#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.09 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:152 Resp: 4798

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



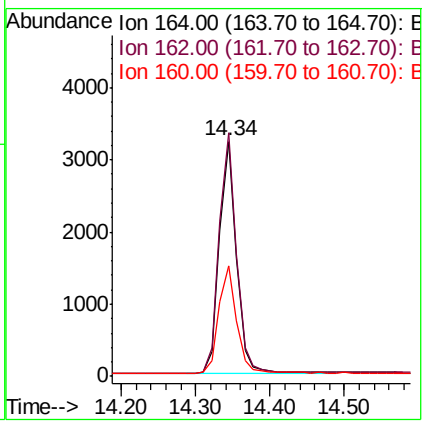


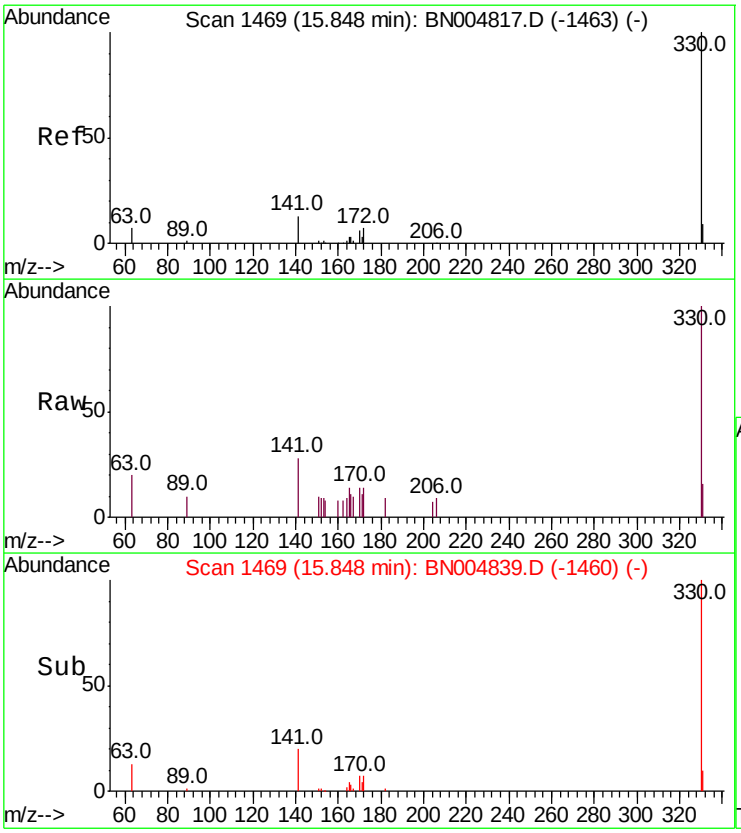
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion:164 Resp: 5107

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.9	122.9
160	47.0	36.6	54.8

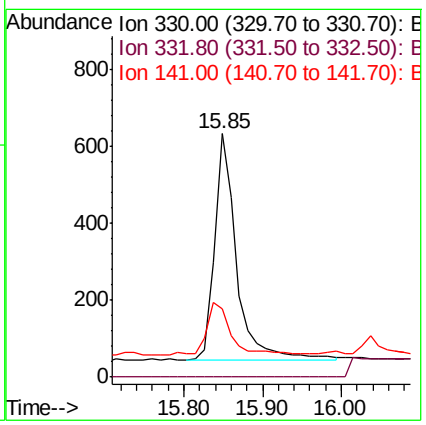


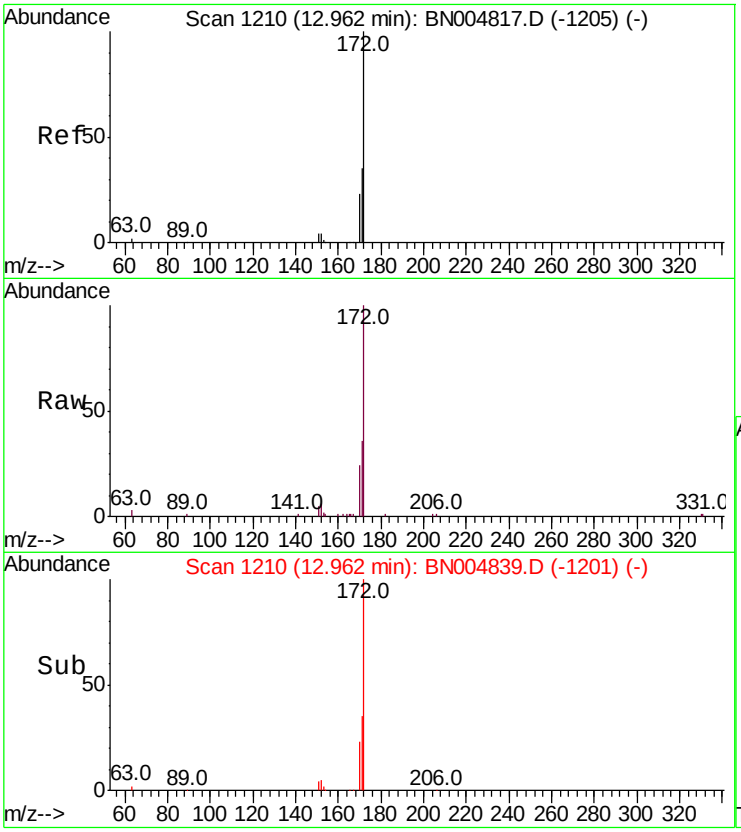


#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:330 Resp: 1131

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.1	20.9	31.3



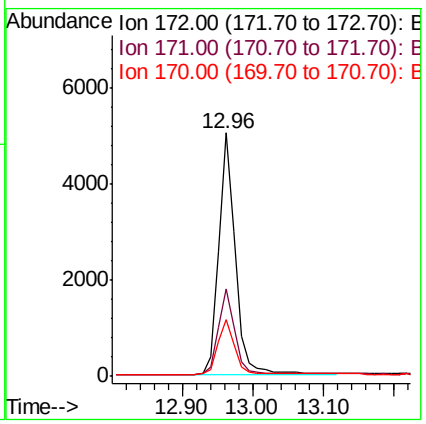


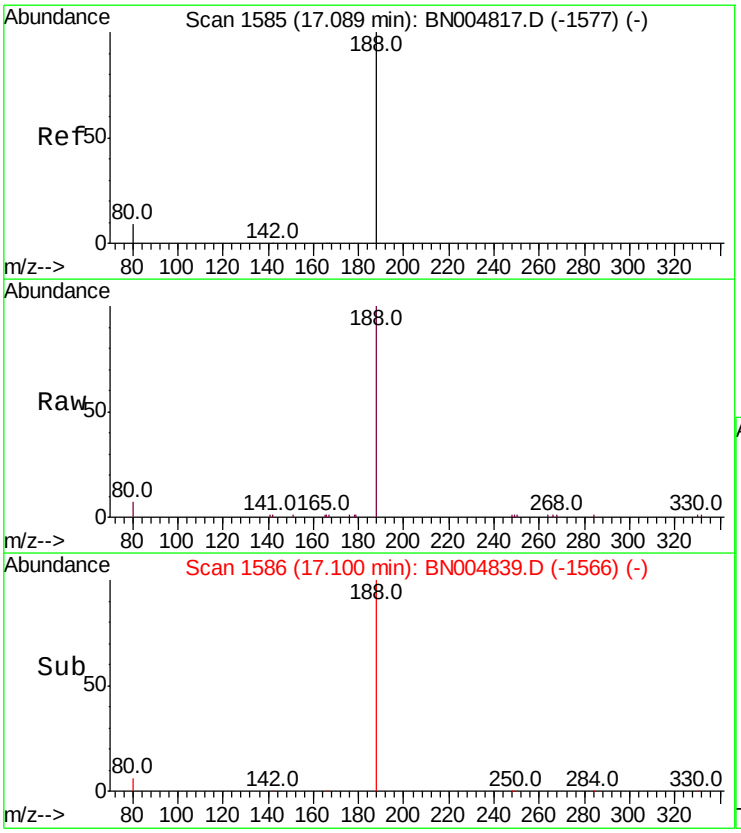
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion:172 Resp: 8322

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.6	18.7	28.1

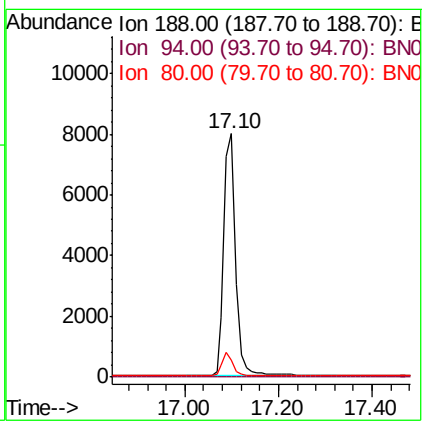


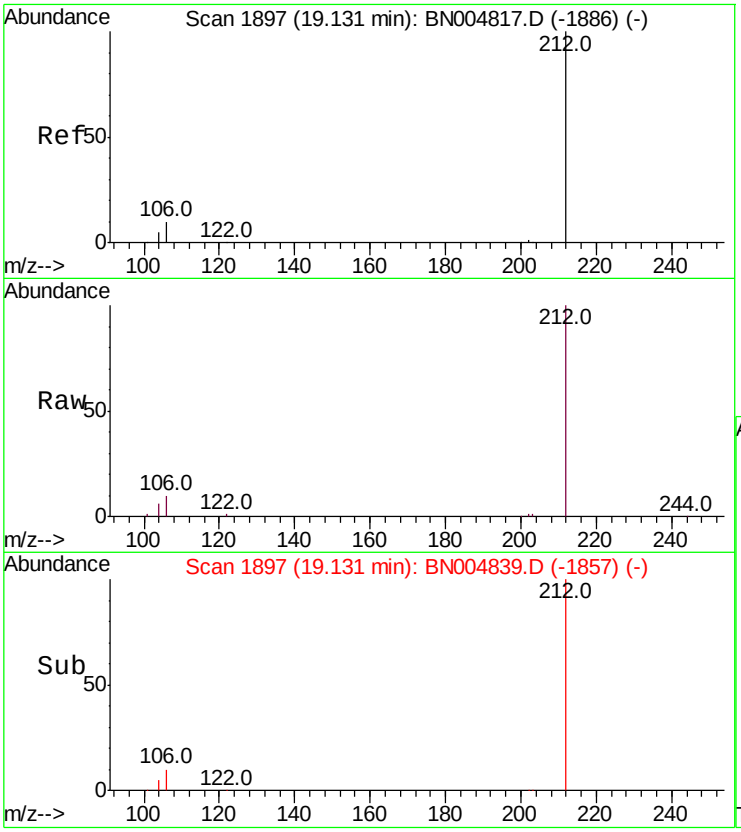


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:188 Resp: 13993

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.4	11.2#



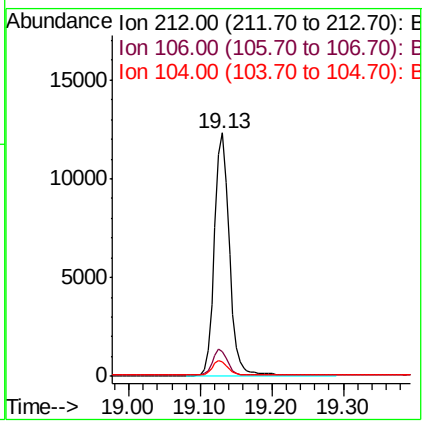


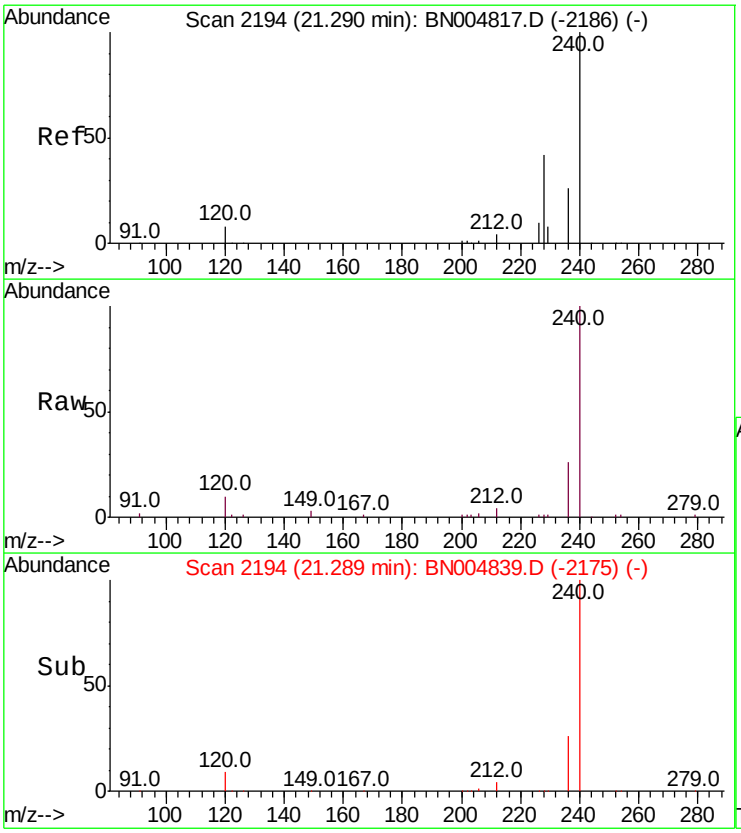
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.13 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion:212 Resp: 17628

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.6	13.0
104	6.0	4.7	7.1

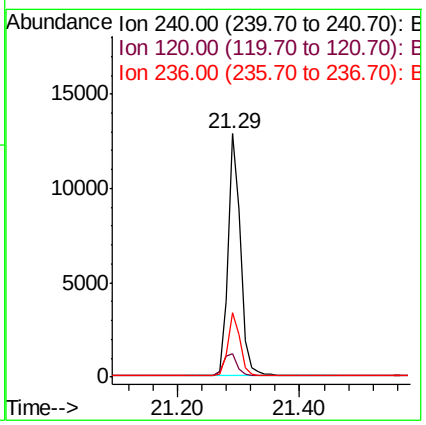


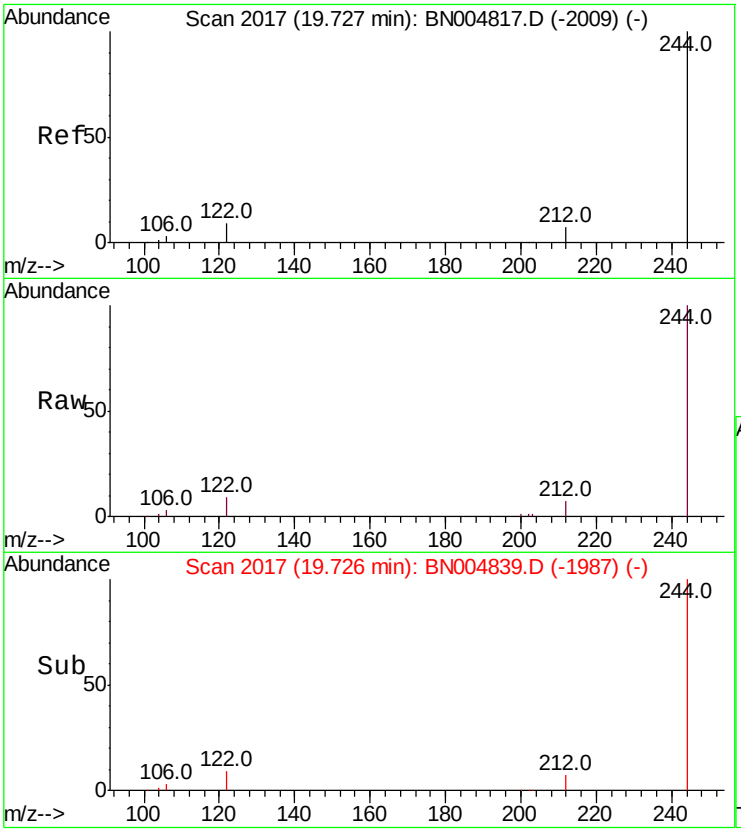


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:240 Resp: 18556

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.2	10.8
236	26.3	20.9	31.3



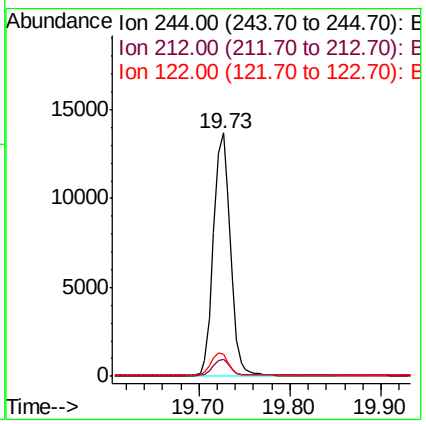


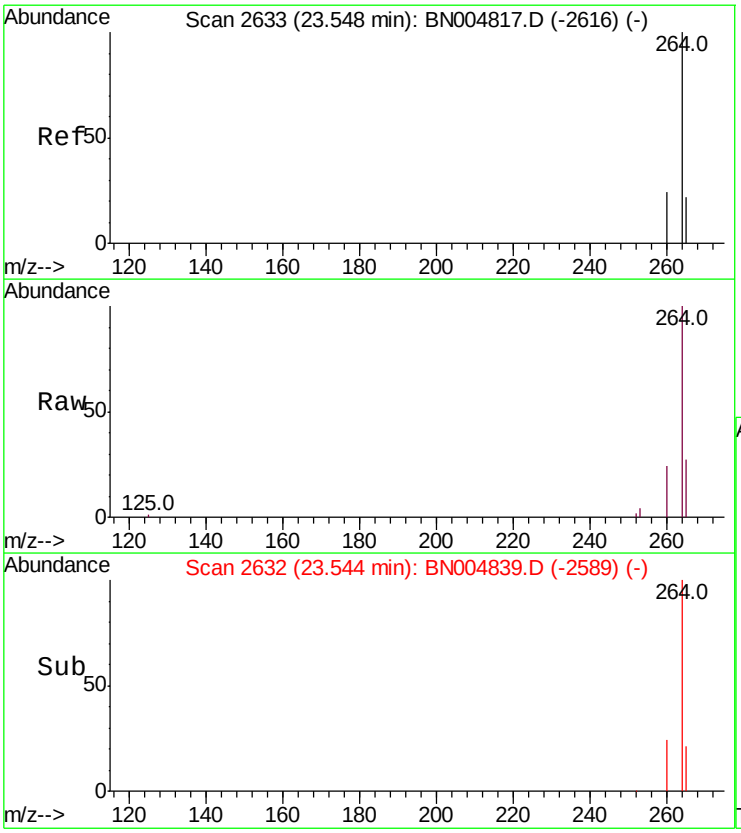
#29
Terphenyl-d14
Concen: 0.456 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Instrument :
BNA_N
ClientSampleId :
PR-MW-04_030819

Tgt Ion:244 Resp: 17311

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.2	7.9	11.9





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004839.D
Acq: 21 Mar 2019 03:03

Tgt Ion:264 Resp: 20515

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	26.7	23.1	34.7