Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013254.D
Acq On : 22 Dec 2020 01:53
Operator : CG/JU
Sample : L5123-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DUP06-20201213

Quant Time: Dec 22 02:53:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	819	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2553	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1535	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3250	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3839	0.40	ng	#-0.01
36) Perylene-d12	23.083	264	4358	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	326	0.10	ng	0.00
5) Phenol-d6	6.565	99	200	0.06	ng	0.02
8) Nitrobenzene-d5	8.528	82	791	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.715	152	1086	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	292	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1746	0.27	ng	-0.03
27) Fluoranthene-d10	18.813	212	4462	0.42	ng	0.00
31) Terphenyl-d14	19.429	244	3840	0.39	ng	-0.02
Target Compounds						Qvalue
18) Fluorene	15.082	166	148	0.02	ng	84
25) Phenanthrene	16.811	178	605	0.06	ng	97
28) Fluoranthene	18.843	202	297	0.02	ng	# 92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013254.D
Acq On : 22 Dec 2020 01:53
Operator : CG/JU
Sample : L5123-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
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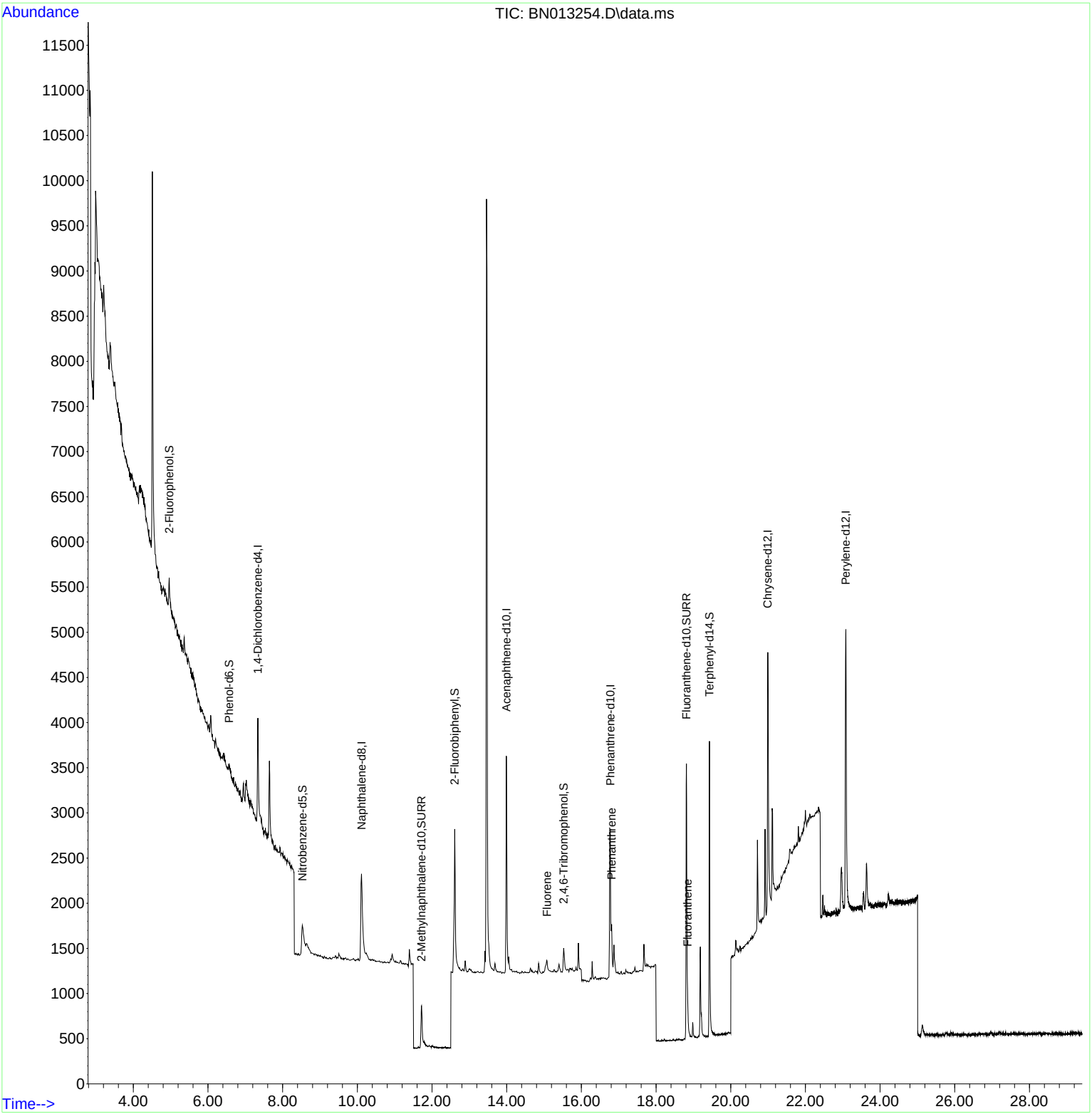
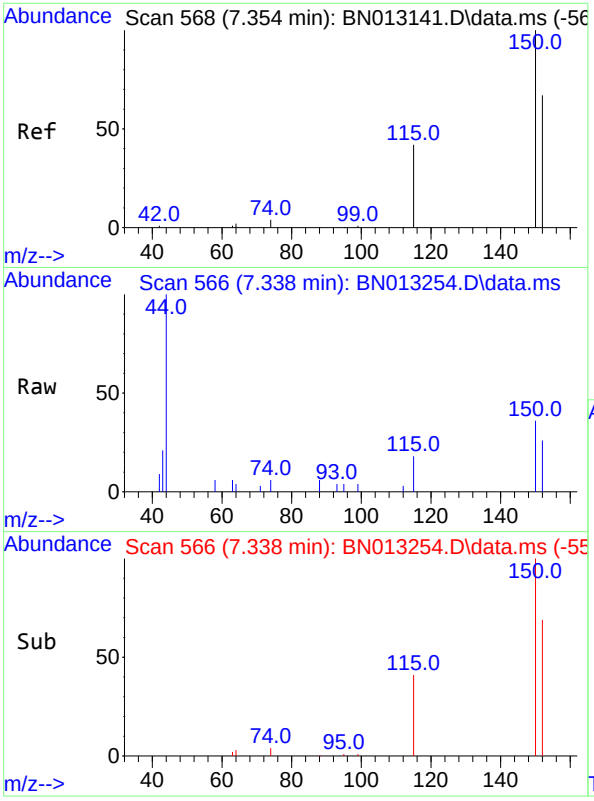
DUP06-20201213

Quant Time: Dec 22 02:53:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration



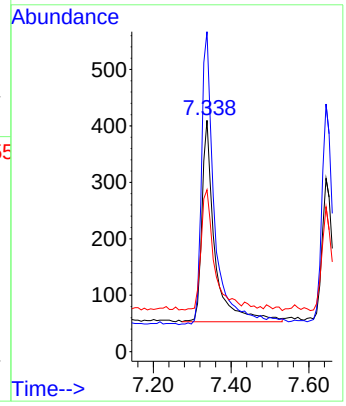
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

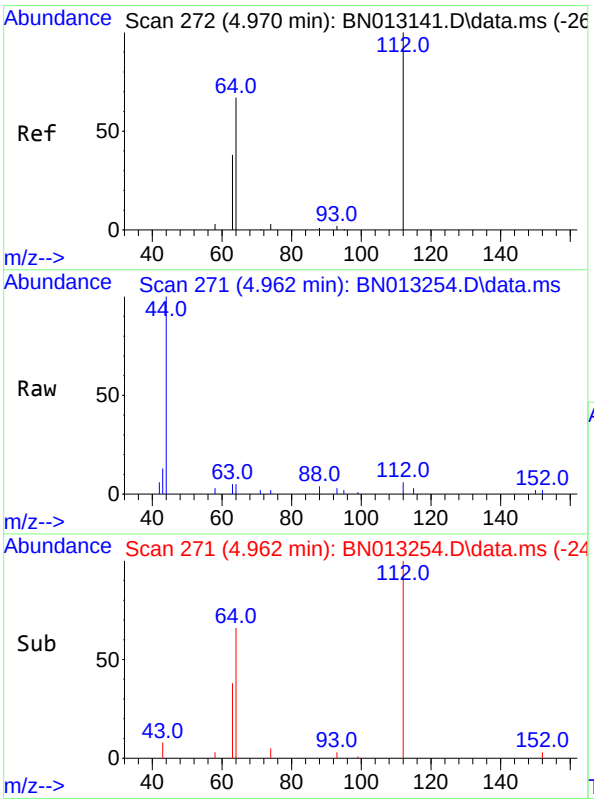


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:152 Resp: 819

Ion	Ratio	Lower	Upper
152	100		
150	138.3	116.6	174.8
115	70.0	52.9	79.3

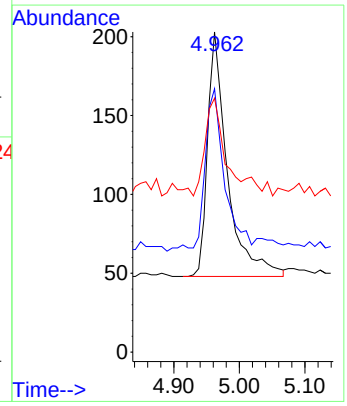




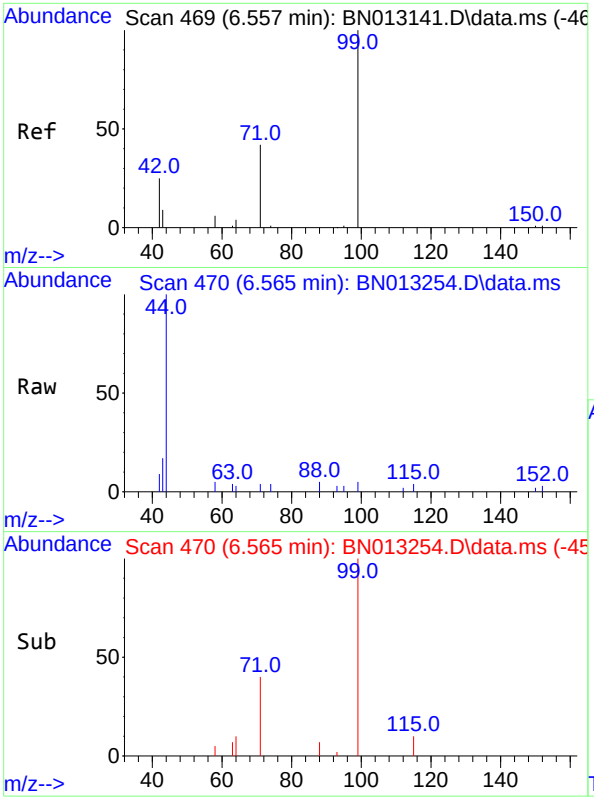
#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:112 Resp: 326

Ion	Ratio	Lower	Upper
112	100		
64	66.9	49.5	74.3
63	37.7	32.0	48.0



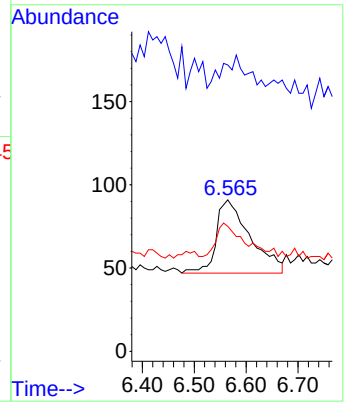
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

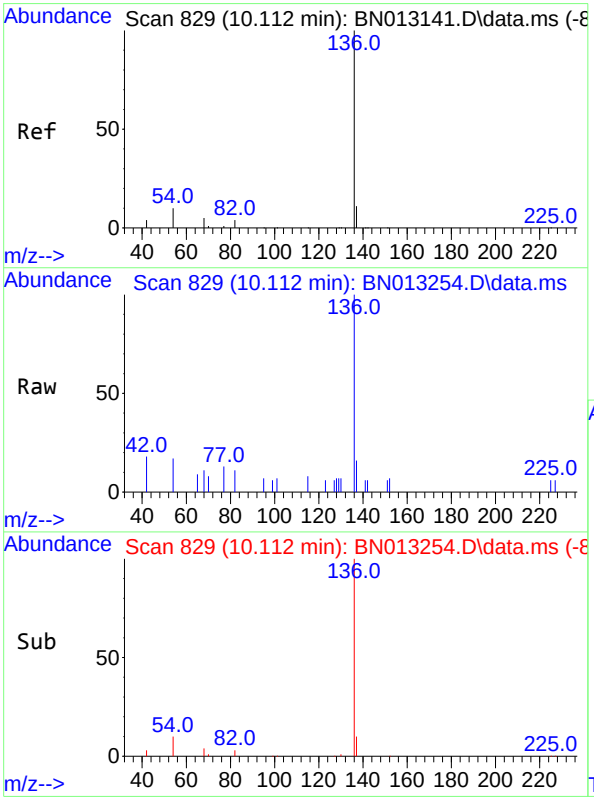


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion: 99 Resp: 200

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	39.5	37.8	56.6

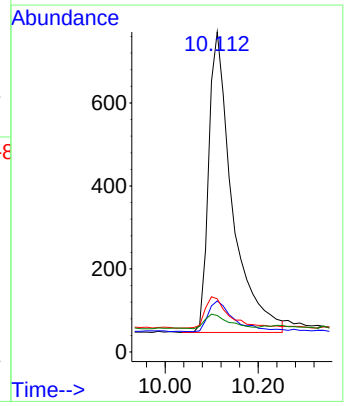




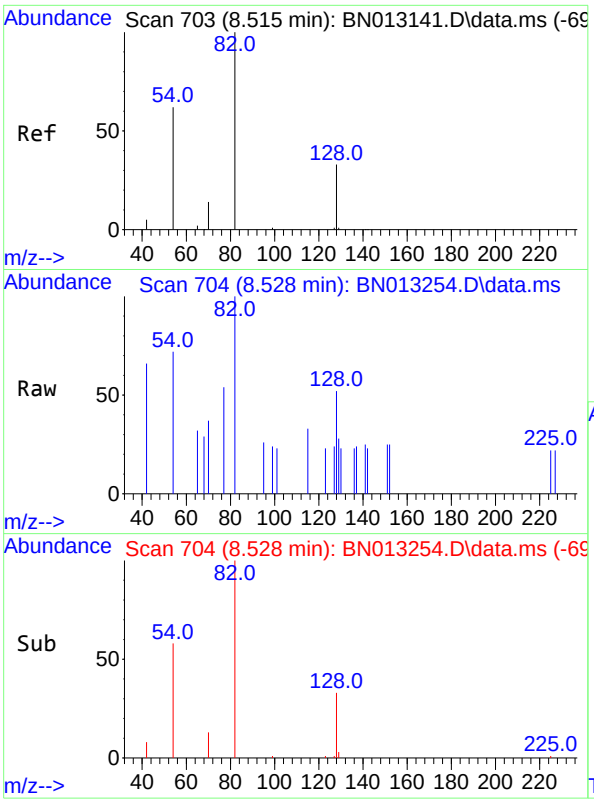
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:136 Resp: 2553

Ion	Ratio	Lower	Upper
136	100		
137	16.0	10.6	15.8#
54	16.6	8.6	12.8#
68	11.4	5.7	8.5#



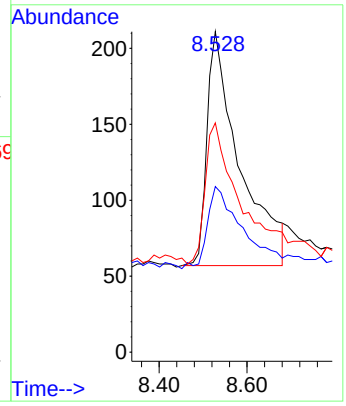
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

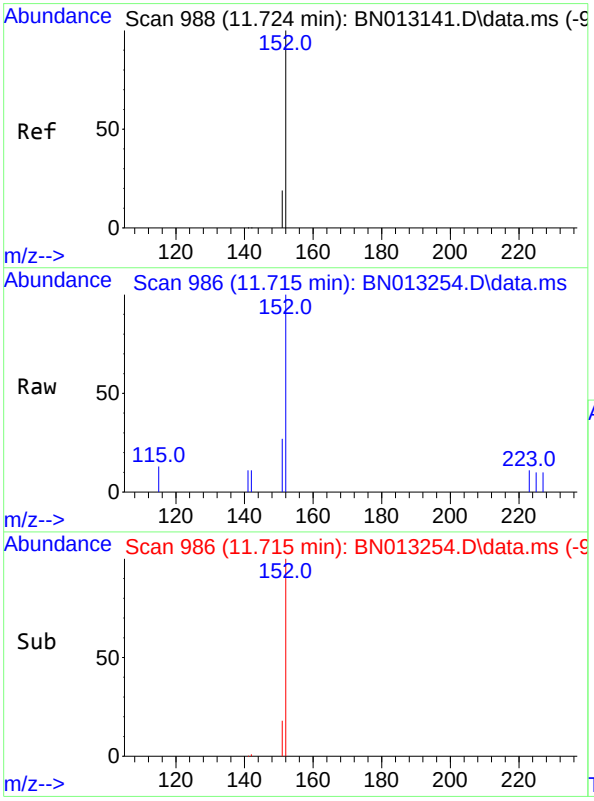


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion: 82 Resp: 791

Ion	Ratio	Lower	Upper
82	100		
128	51.7	30.6	46.0#
54	71.6	48.3	72.5

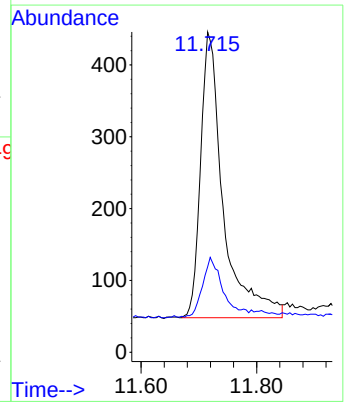




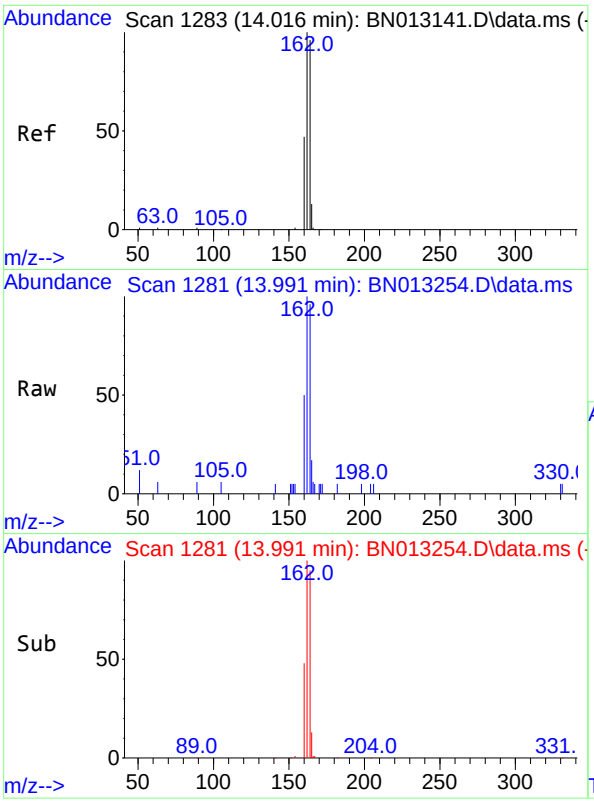
#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.715 min Scan# 986
Delta R.T. -0.009 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:152 Resp: 1086

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.7	25.1



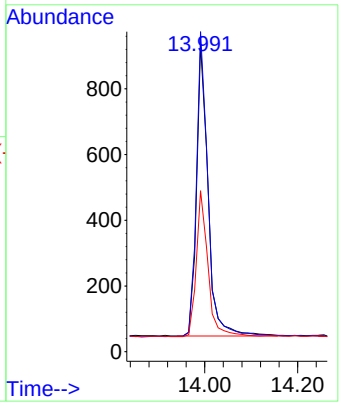
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

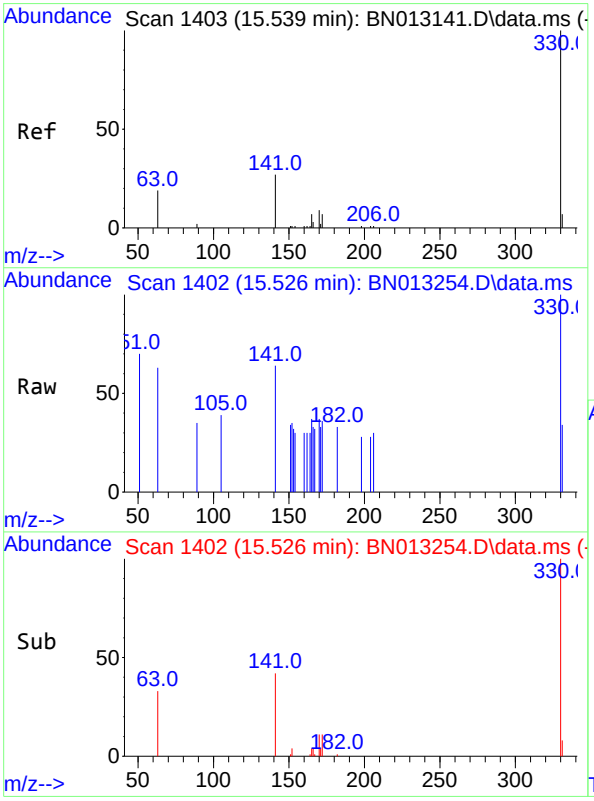


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:164 Resp: 1535

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	52.4	39.5	59.3

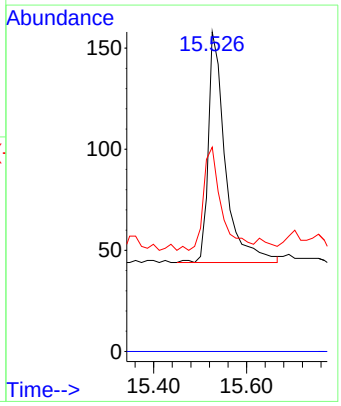




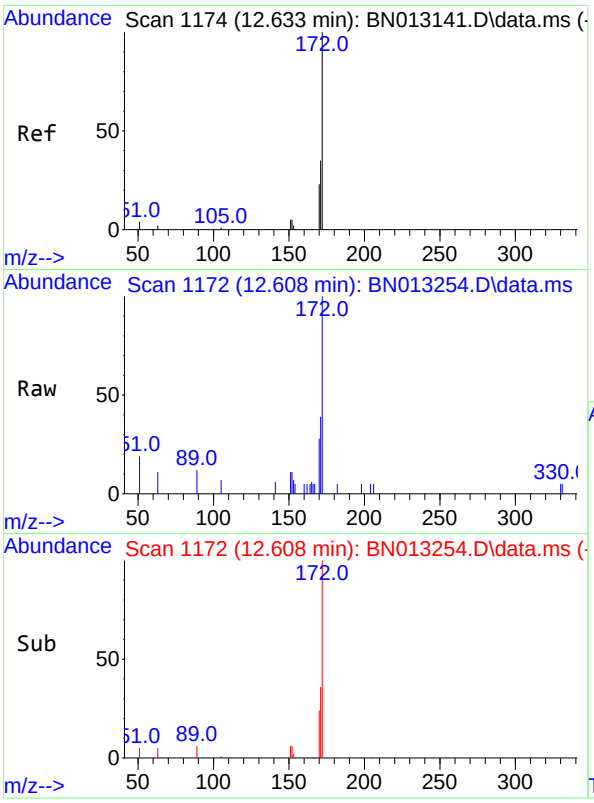
#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:330 Resp: 292

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.9	34.4	51.6



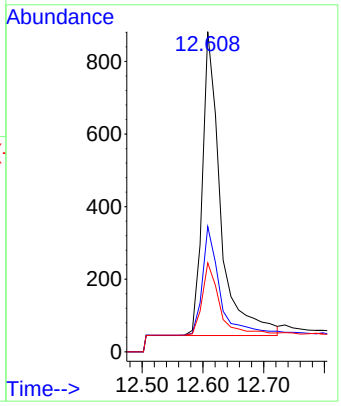
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

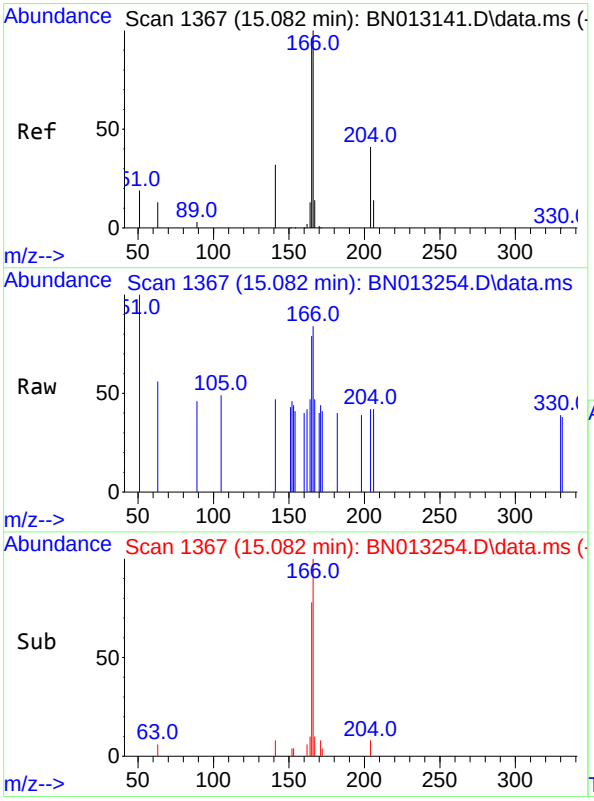


#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:172 Resp: 1746

Ion	Ratio	Lower	Upper
172	100		
171	39.1	28.2	42.4
170	27.8	20.0	30.0

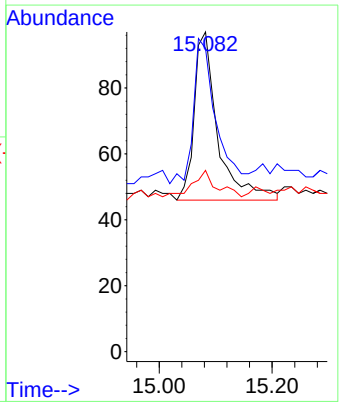




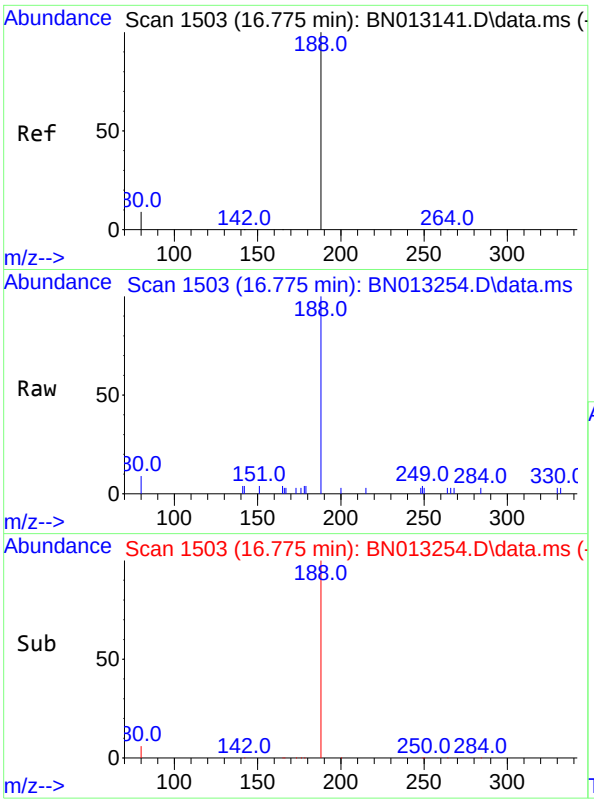
#18
Fluorene
Concen: 0.02 ng
RT: 15.082 min Scan# 1367
Delta R.T. 0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:166 Resp: 148

Ion	Ratio	Lower	Upper
166	100		
165	81.1	78.6	118.0
167	15.5	10.7	16.1



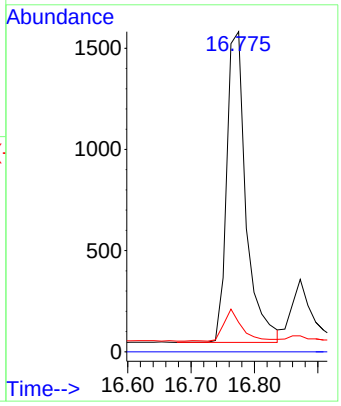
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

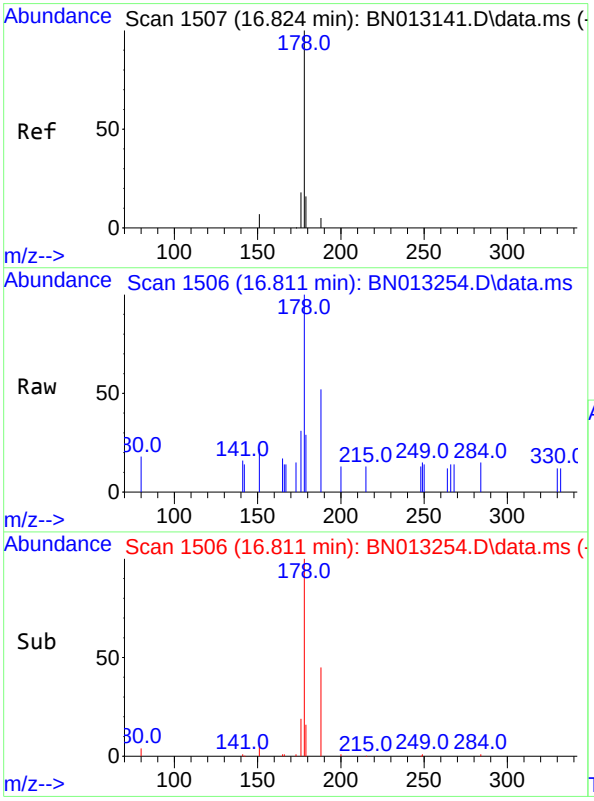


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.001 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:188 Resp: 3250

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	5.0	7.4#

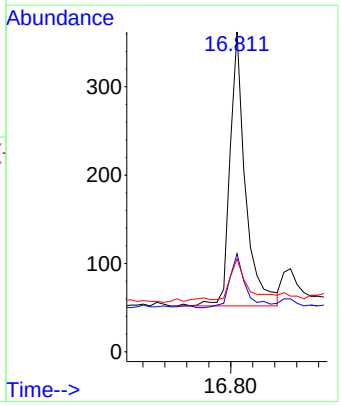




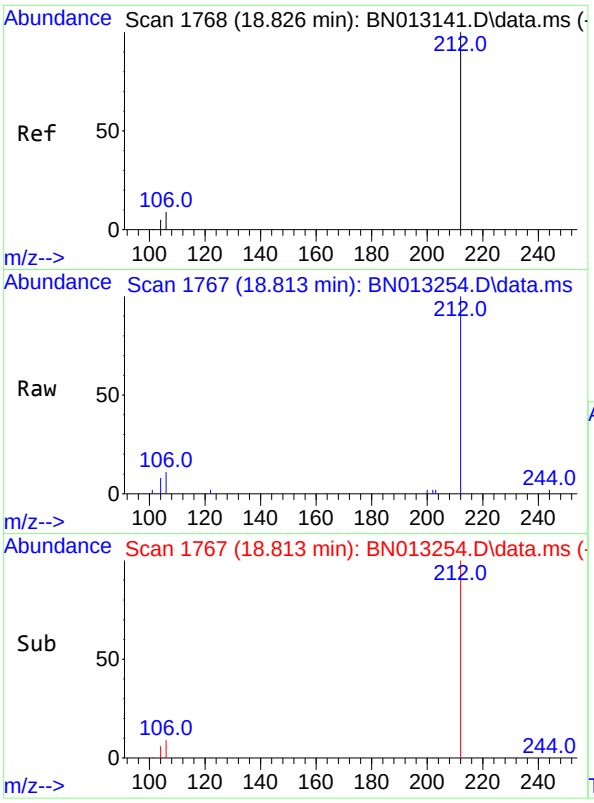
#25
Phenanthrene
Concen: 0.06 ng
RT: 16.811 min Scan# 1506
Delta R.T. -0.001 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:178 Resp: 605

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.8	22.2
179	14.2	12.4	18.6



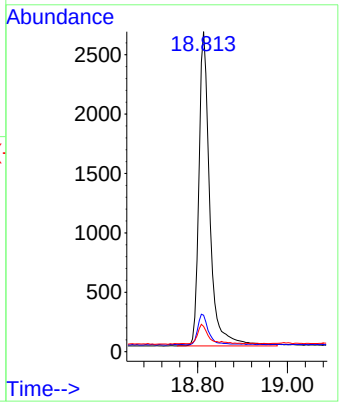
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

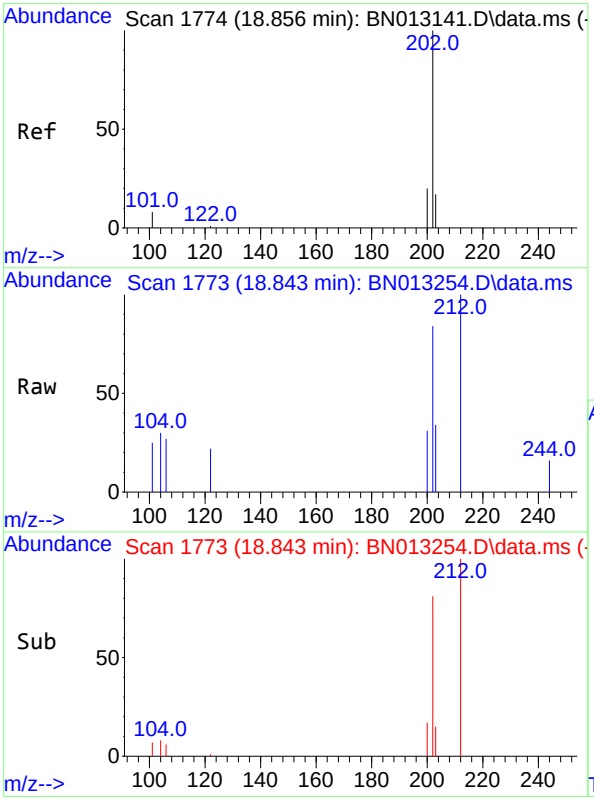


#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:212 Resp: 4462

Ion	Ratio	Lower	Upper
212	100		
106	9.7	6.8	10.2
104	5.5	4.1	6.1

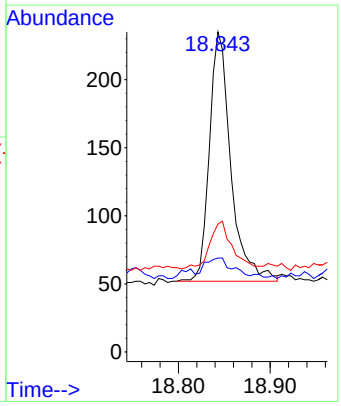




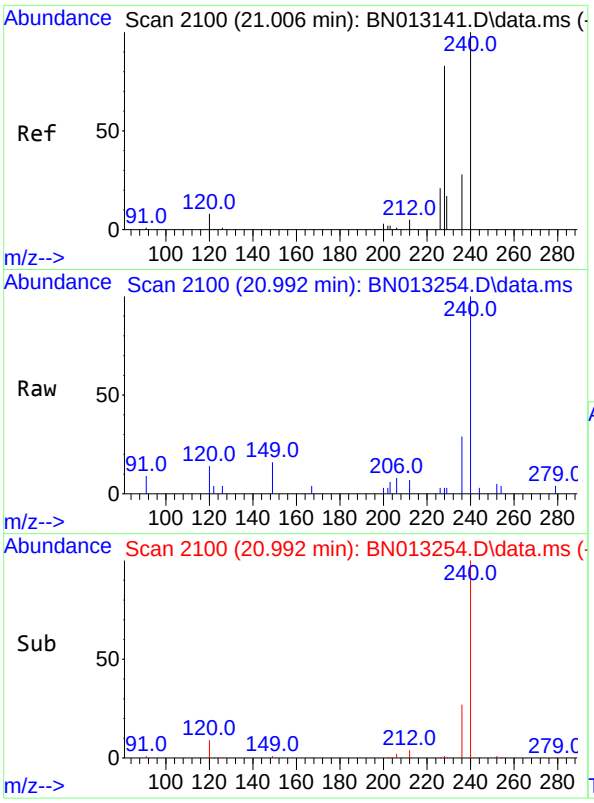
#28
Fluoranthene
Concen: 0.02 ng
RT: 18.843 min Scan# 1773
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:202 Resp: 297

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.8	8.6#
203	20.9	13.7	20.5#



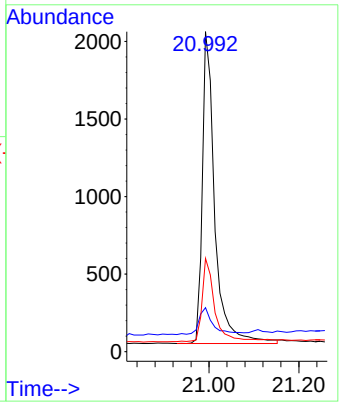
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

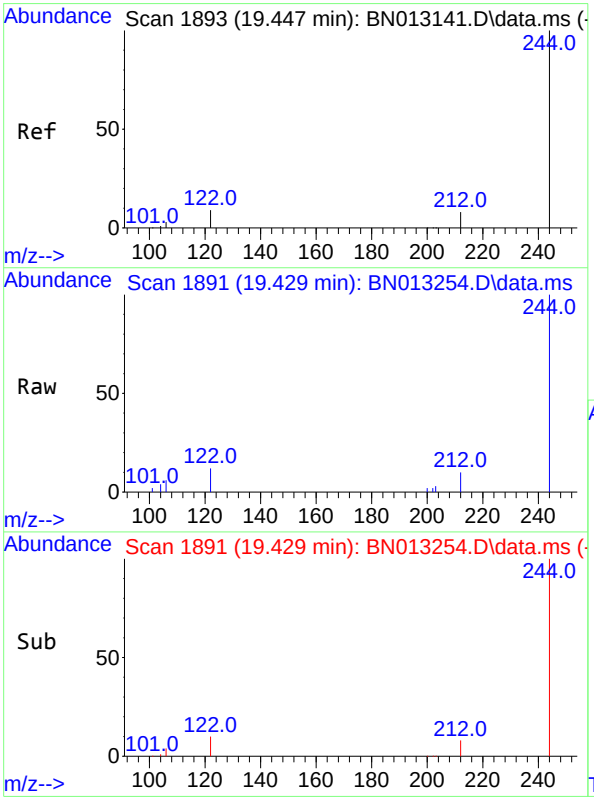


#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:240 Resp: 3839

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.3	7.9#
236	29.1	21.8	32.8

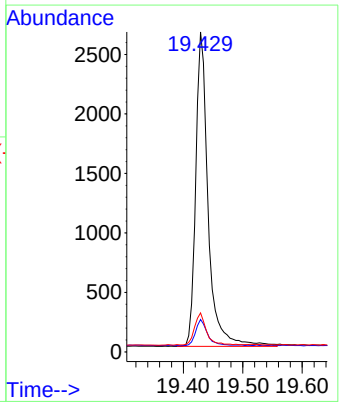


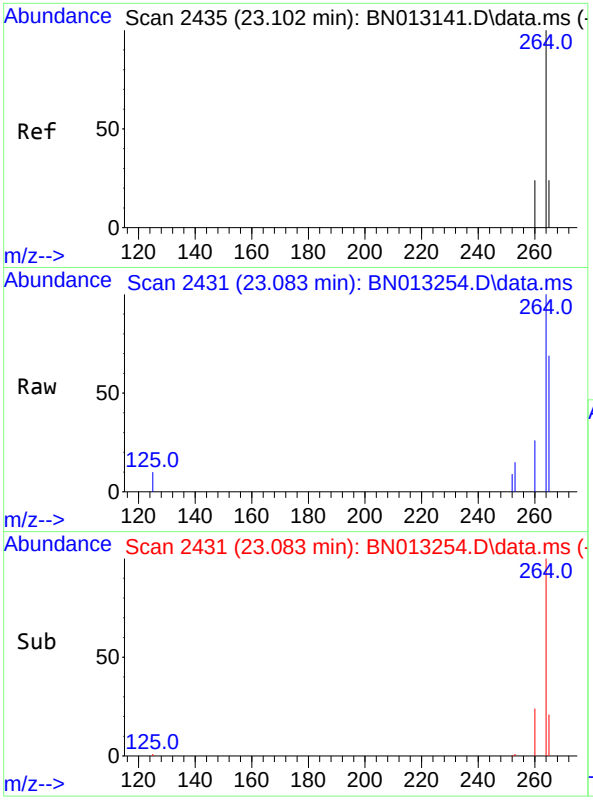


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:244 Resp: 3840

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.3	10.9
122	12.2	7.3	10.9#

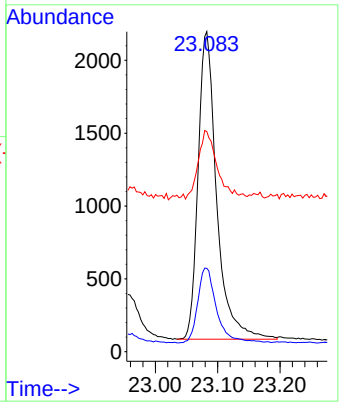




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:264 Resp: 4358

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.6
265	68.8	51.4	77.0



Instrument :
BNA_N
ClientSampleId :
DUP06-20201213