Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013176.D
Acq On : 16 Dec 2020 21:32
Operator : CG/JU
Sample : L4960-03RE
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_N
ClientSampleId : MW-5RE

Quant Time: Dec 17 07:39:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 16:49:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	882	0.80	ng	0.00
7) Naphthalene-d8	10.099	136	3502	0.80	ng	#-0.01
13) Acenaphthene-d10	14.004	164	4744	0.80	ng	-0.01
19) Phenanthrene-d10	16.763	188	5158	0.80	ng	#-0.01
29) Chrysene-d12	21.003	240	5296	0.80	ng	# 0.00
36) Perylene-d12	23.093	264	5187	0.80	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	386	0.21	ng	0.00
5) Phenol-d6	6.541	99	225	0.12	ng	-0.02
8) Nitrobenzene-d5	8.490	82	1087	0.60	ng	-0.03
11) 2-Methylnaphthalene-d10	11.697	152	2007	0.65	ng	-0.03
14) 2,4,6-Tribromophenol	15.513	330	266	0.18	ng	-0.03
15) 2-Fluorobiphenyl	12.608	172	3209	0.32	ng	-0.03
27) Fluoranthene-d10	18.818	212	6139	0.72	ng	0.00
31) Terphenyl-d14	19.439	244	6584	0.98	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.150	128	10940	2.04	ng	# 1
17) Acenaphthene	14.067	154	873	0.11	ng	# 81
18) Fluorene	15.069	166	1089	0.10	ng	96
30) Pyrene	19.215	202	1187	0.12	ng	# 86
34) Bis(2-ethylhexyl)phtha...	20.929	149	3252	0.16	ng	96

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

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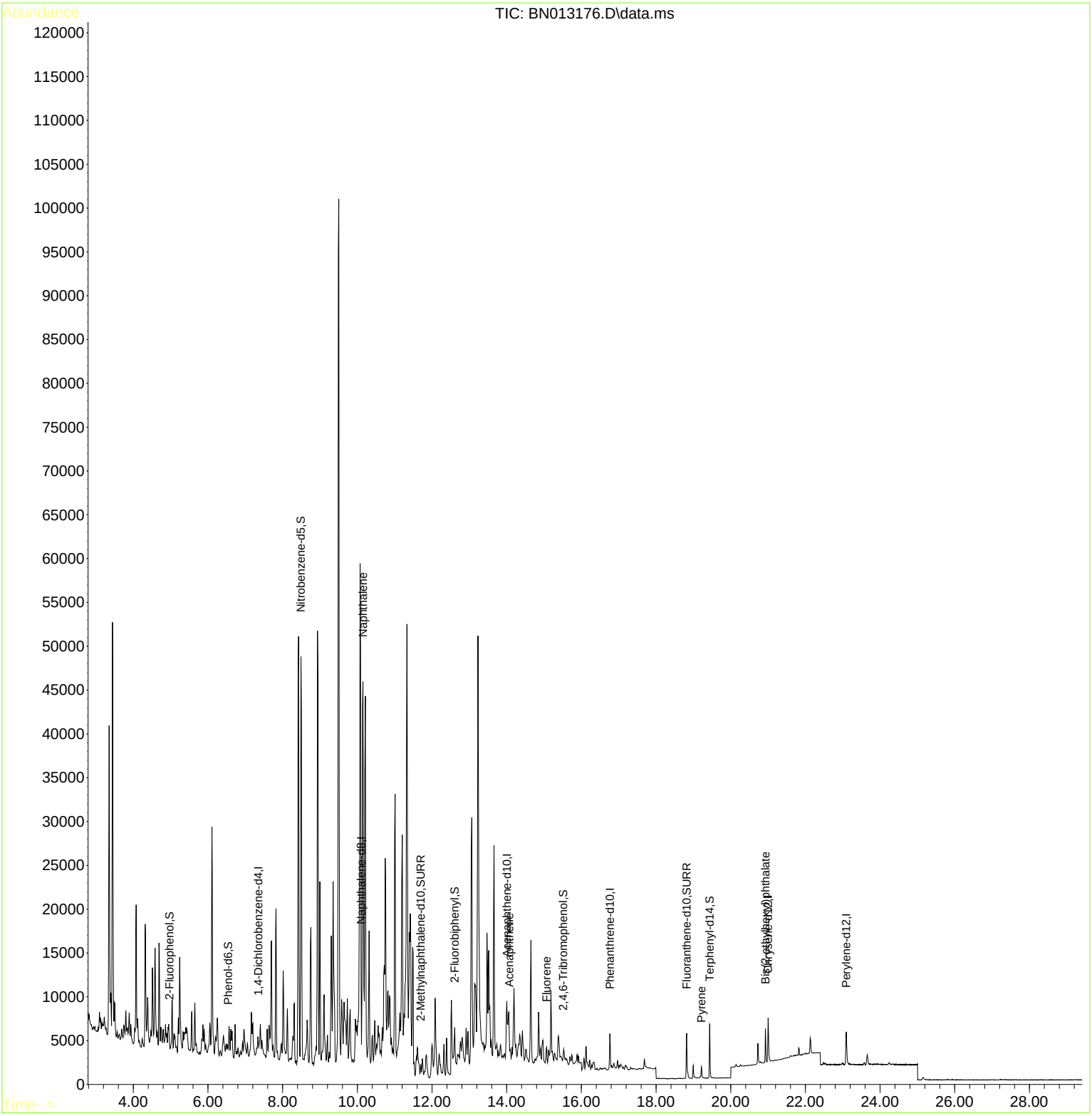
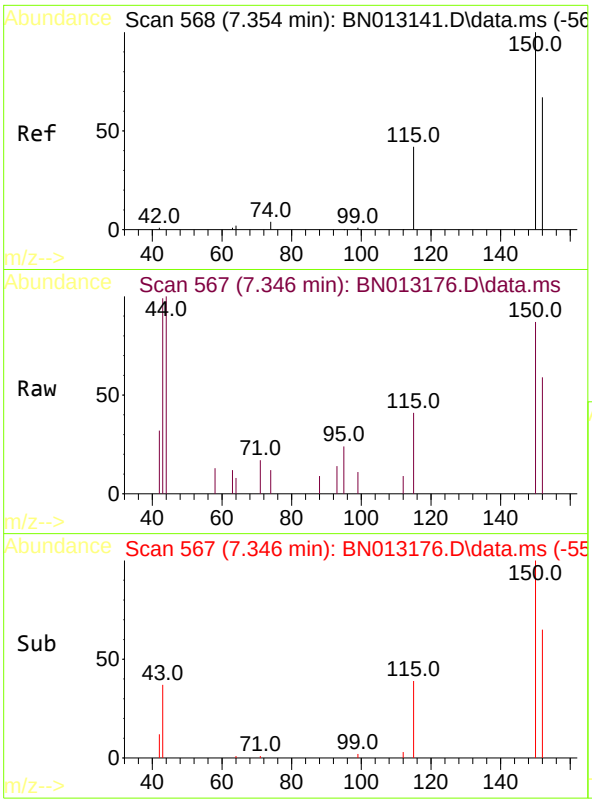


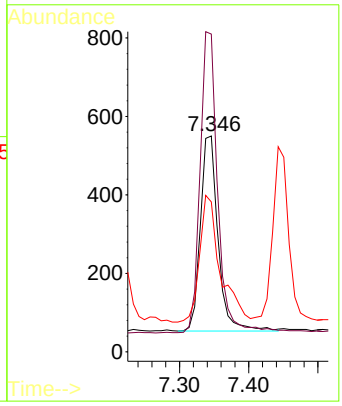
Instrument :
BNA_N
ClientSampleId :
MW-5RE

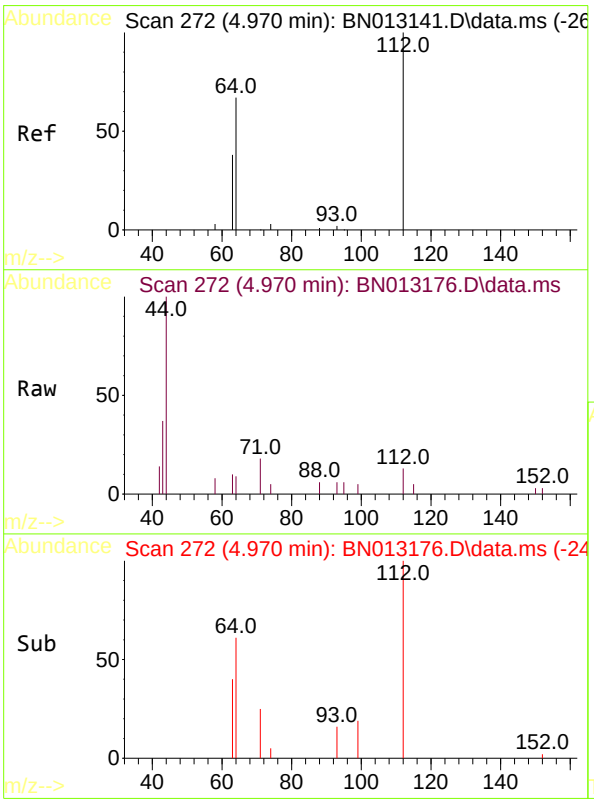


#1
1,4-Dichlorobenzene-d4
Concen: 0.80 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:152 Resp: 882

Ion	Ratio	Lower	Upper
152	100		
150	147.3	116.6	174.8
115	69.5	52.9	79.3

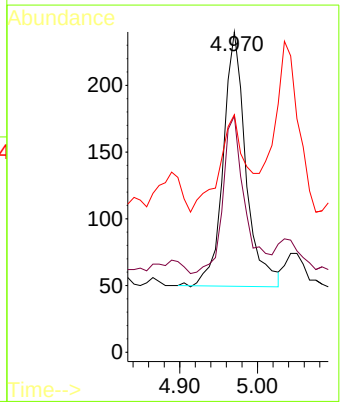




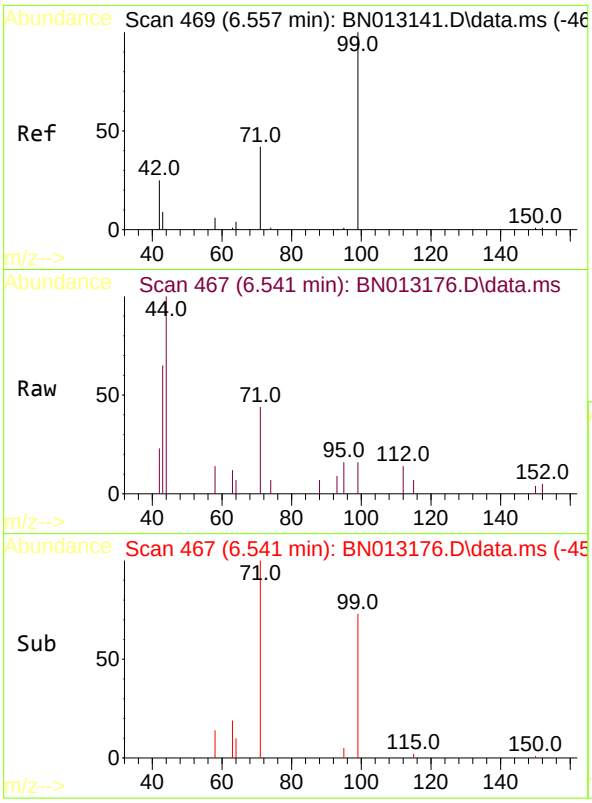
#4
2-Fluorophenol
Concen: 0.21 ng
RT: 4.970 min Scan# 272
Delta R.T. -0.000 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:112 Resp: 386

Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.5	74.3
63	42.7	32.0	48.0



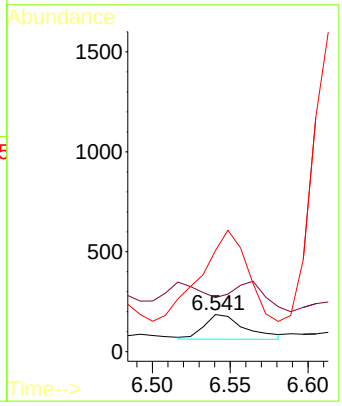
Instrument :
BNA_N
ClientSampleId :
MW-5RE

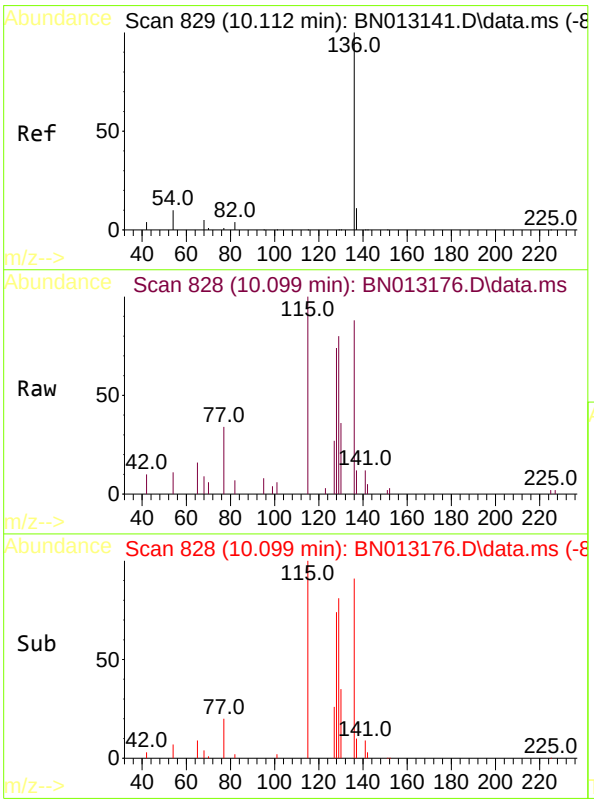


#5
Phenol-d6
Concen: 0.12 ng
RT: 6.541 min Scan# 467
Delta R.T. -0.016 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion: 99 Resp: 225

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	439.6	37.8	56.6#

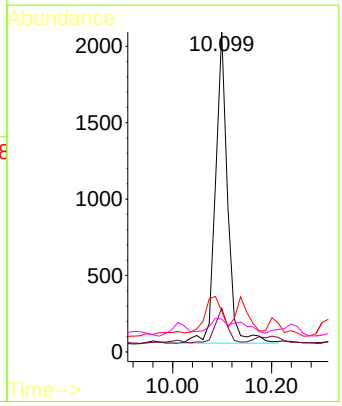




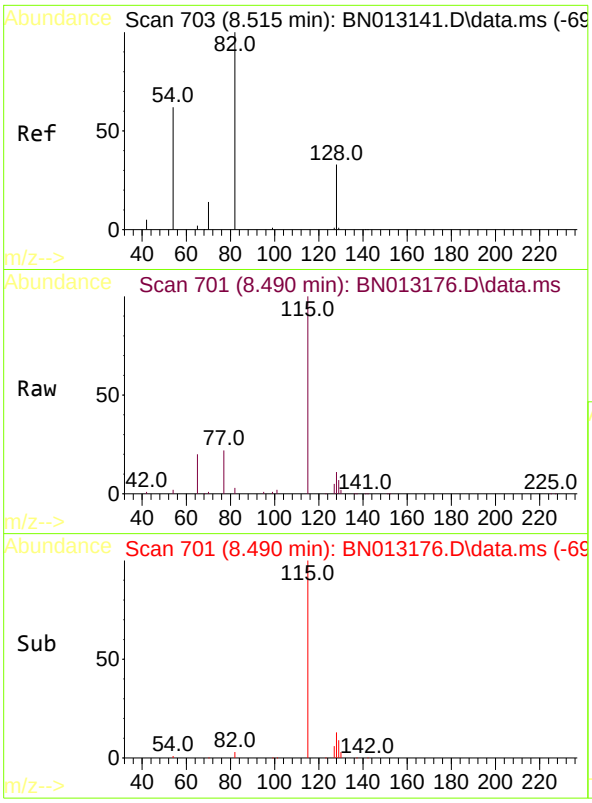
#7
Naphthalene-d8
Concen: 0.80 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.013 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:136 Resp: 3502

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.6	15.8
54	12.8	8.6	12.8
68	10.3	5.7	8.5#



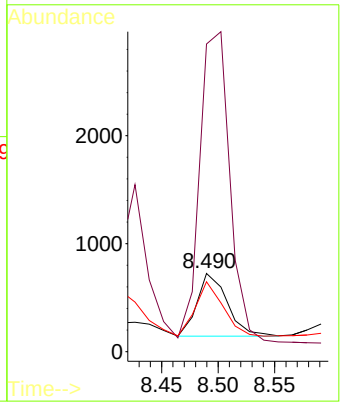
Instrument :
BNA_N
ClientSampleId :
MW-5RE

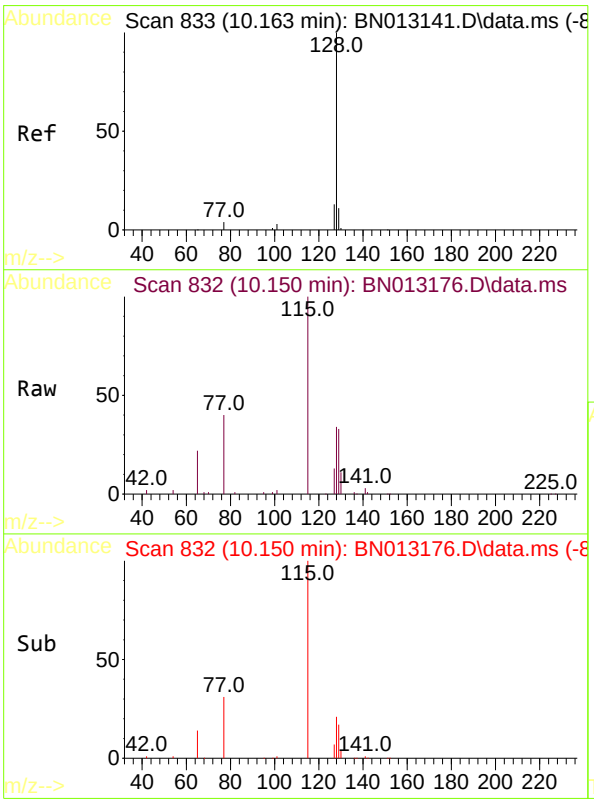


#8
Nitrobenzene-d5
Concen: 0.60 ng
RT: 8.490 min Scan# 701
Delta R.T. -0.025 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion: 82 Resp: 1087

Ion	Ratio	Lower	Upper
82	100		
128	393.1	30.6	46.0#
54	89.2	48.3	72.5#

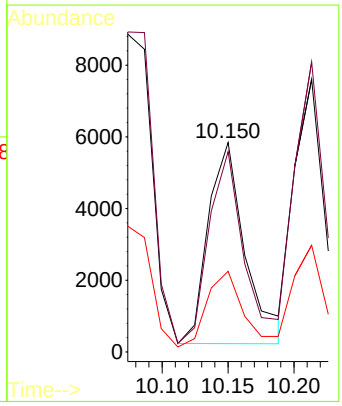




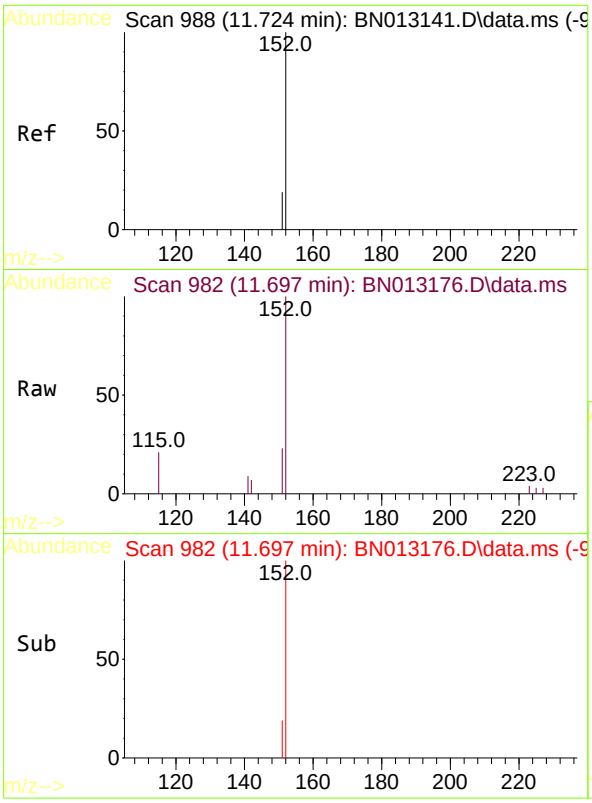
#9
Naphthalene
Concen: 2.04 ng
RT: 10.150 min Scan# 832
Delta R.T. -0.013 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:128 Resp: 10940

Ion	Ratio	Lower	Upper
128	100		
129	95.6	9.8	14.8#
127	38.5	12.2	18.4#



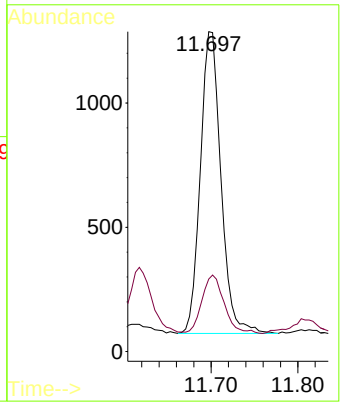
Instrument :
BNA_N
ClientSampleId :
MW-5RE

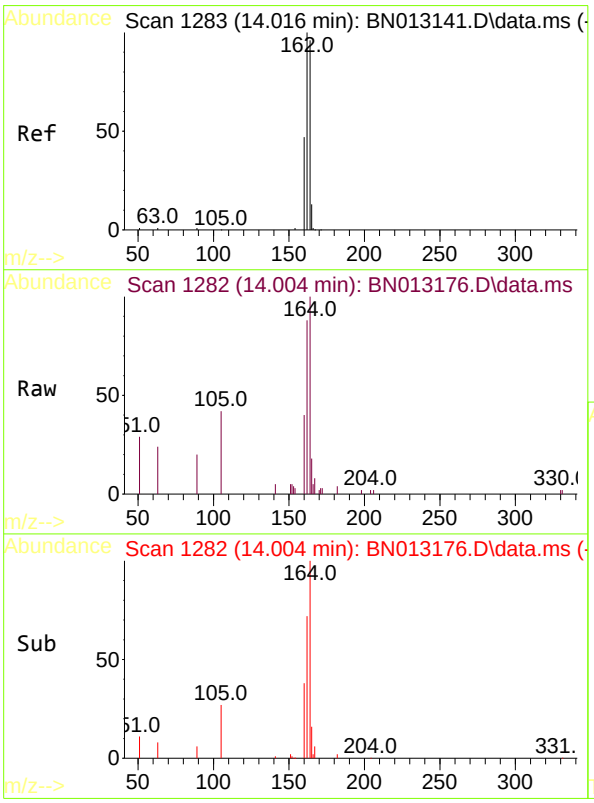


#11
2-Methylnaphthalene-d10
Concen: 0.65 ng
RT: 11.697 min Scan# 982
Delta R.T. -0.027 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:152 Resp: 2007

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.7	25.1

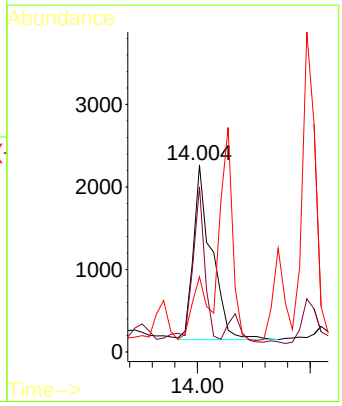




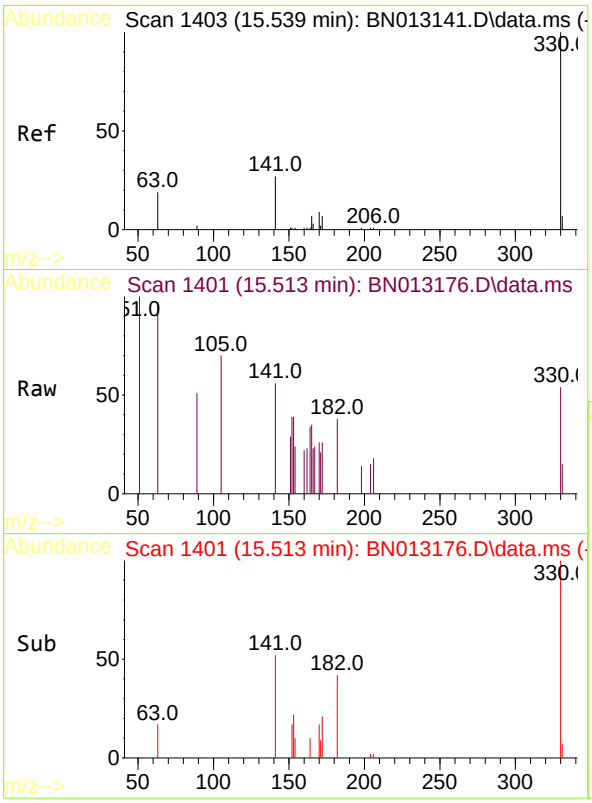
#13
Acenaphthene-d10
Concen: 0.80 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:164 Resp: 4744

Ion	Ratio	Lower	Upper
164	100		
162	88.2	80.6	120.8
160	40.2	39.5	59.3



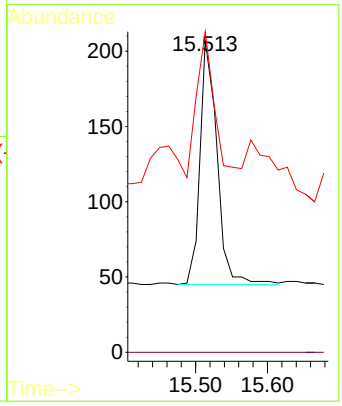
Instrument :
BNA_N
ClientSampleId :
MW-5RE

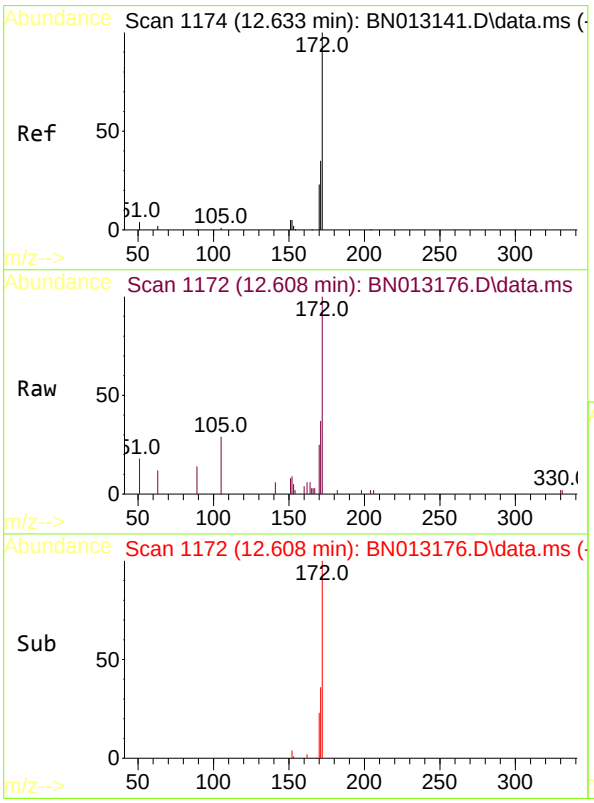


#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.513 min Scan# 1401
Delta R.T. -0.025 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:330 Resp: 266

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	68.8	34.4	51.6#

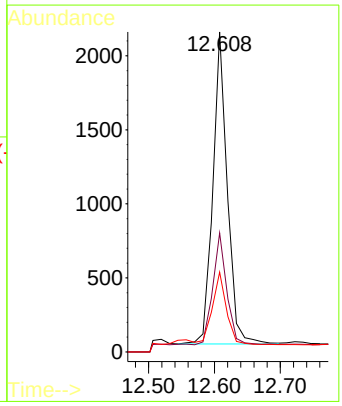




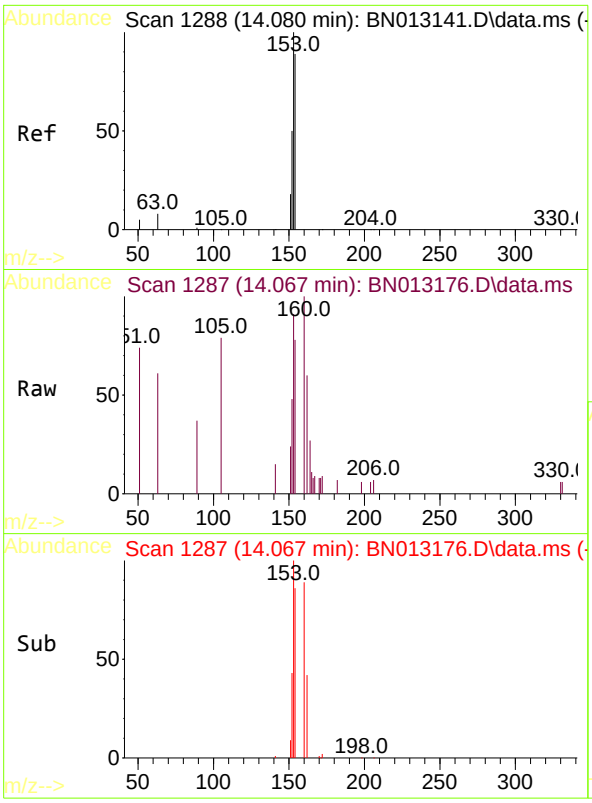
#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:172 Resp: 3209

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.2	42.4
170	24.9	20.0	30.0



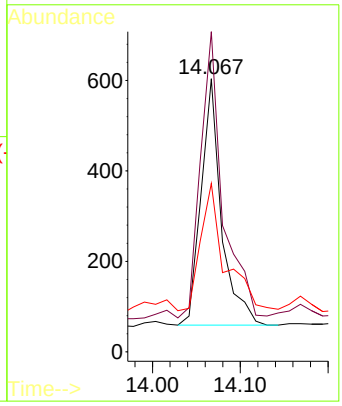
Instrument :
BNA_N
ClientSampleId :
MW-5RE

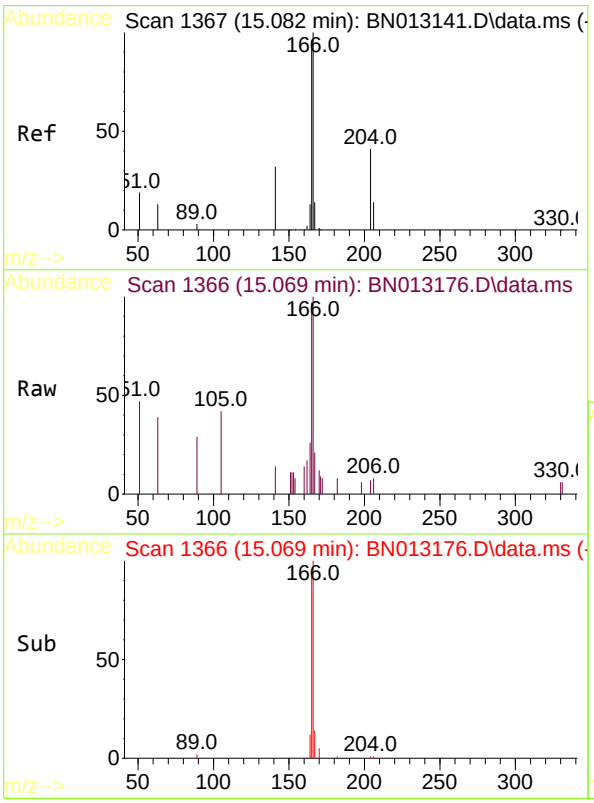


#17
Acenaphthene
Concen: 0.11 ng
RT: 14.067 min Scan# 1287
Delta R.T. -0.013 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:154 Resp: 873

Ion	Ratio	Lower	Upper
154	100		
153	129.4	83.6	125.4#
152	62.2	43.9	65.9

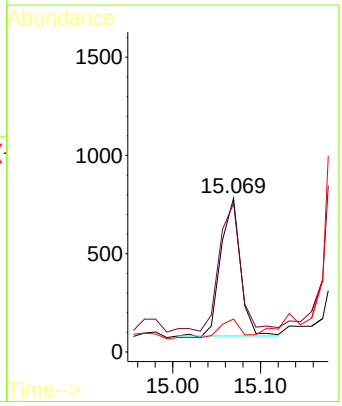




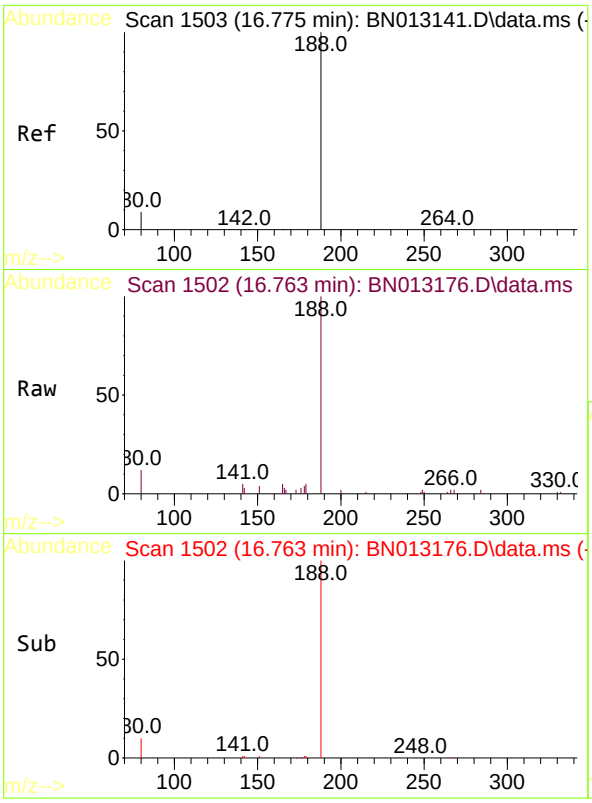
#18
Fluorene
Concen: 0.10 ng
RT: 15.069 min Scan# 1366
Delta R.T. -0.013 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:166 Resp: 1089

Ion	Ratio	Lower	Upper
166	100		
165	94.4	78.6	118.0
167	14.1	10.7	16.1



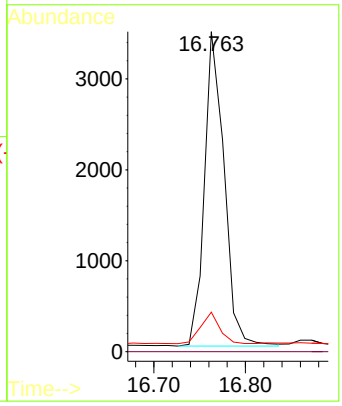
Instrument :
BNA_N
ClientSampleId :
MW-5RE

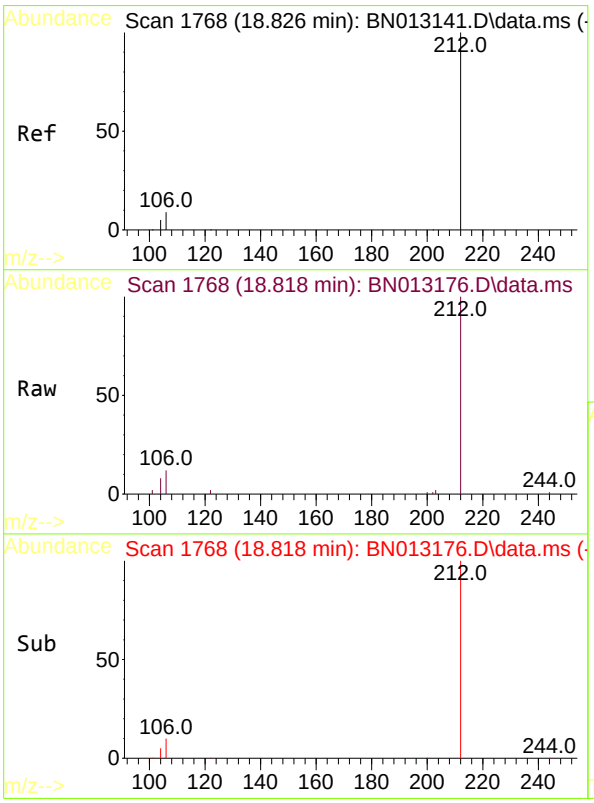


#19
Phenanthrene-d10
Concen: 0.80 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:188 Resp: 5158

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	5.0	7.4#

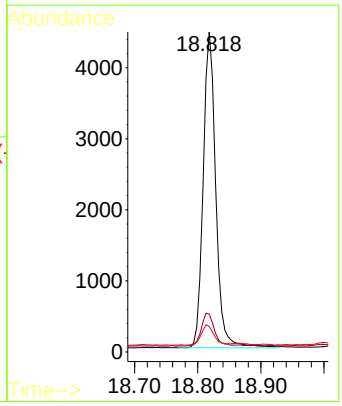




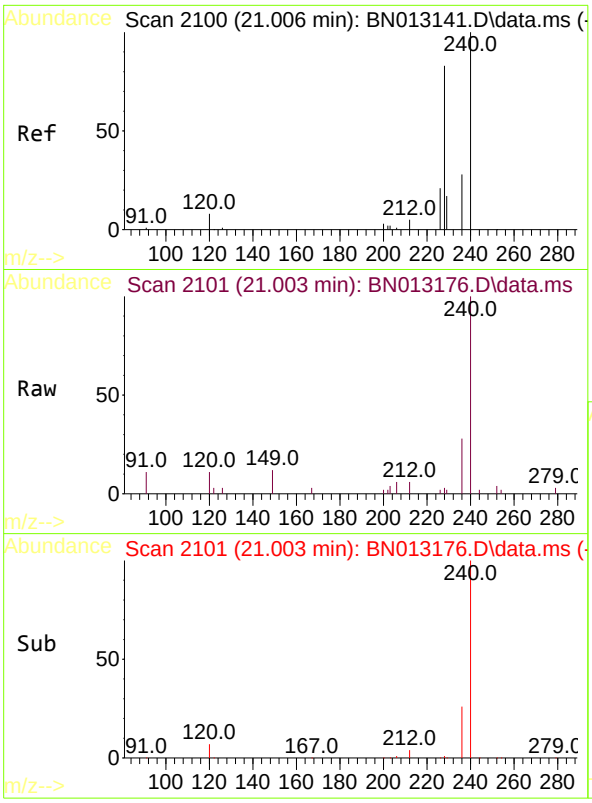
#27
Fluoranthene-d10
Concen: 0.72 ng
RT: 18.818 min Scan# 1768
Delta R.T. -0.008 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:212 Resp: 6139

Ion	Ratio	Lower	Upper
212	100		
106	10.9	6.8	10.2#
104	6.4	4.1	6.1#



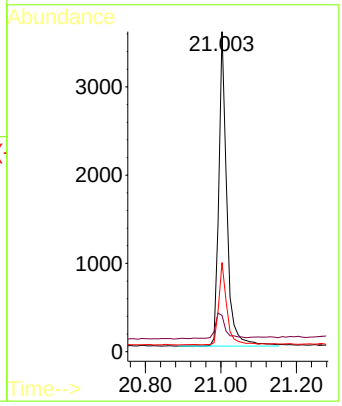
Instrument :
BNA_N
ClientSampleId :
MW-5RE

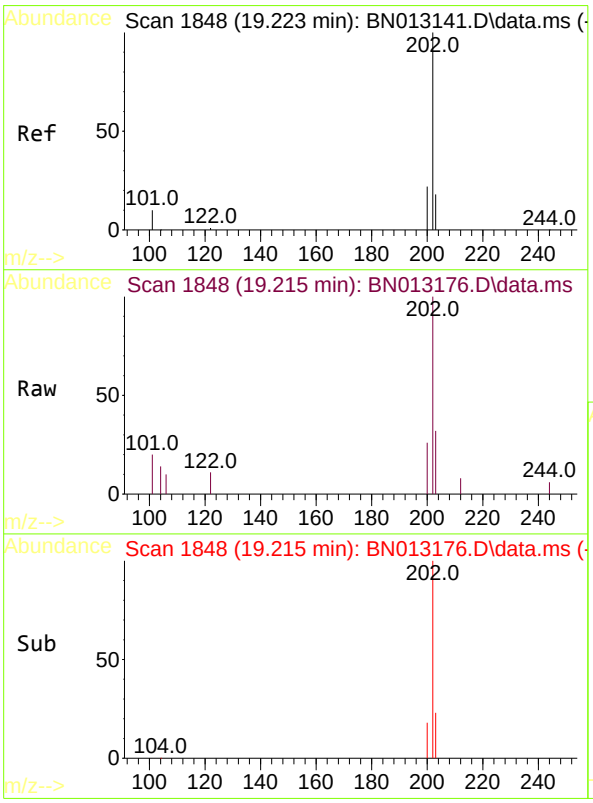


#29
Chrysene-d12
Concen: 0.80 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:240 Resp: 5296

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.3	7.9#
236	27.8	21.8	32.8

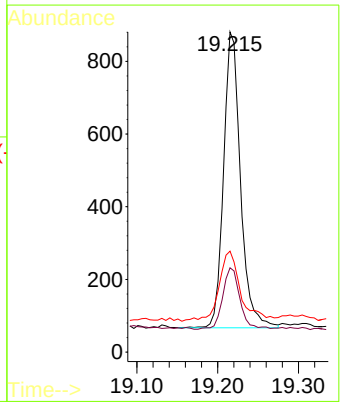




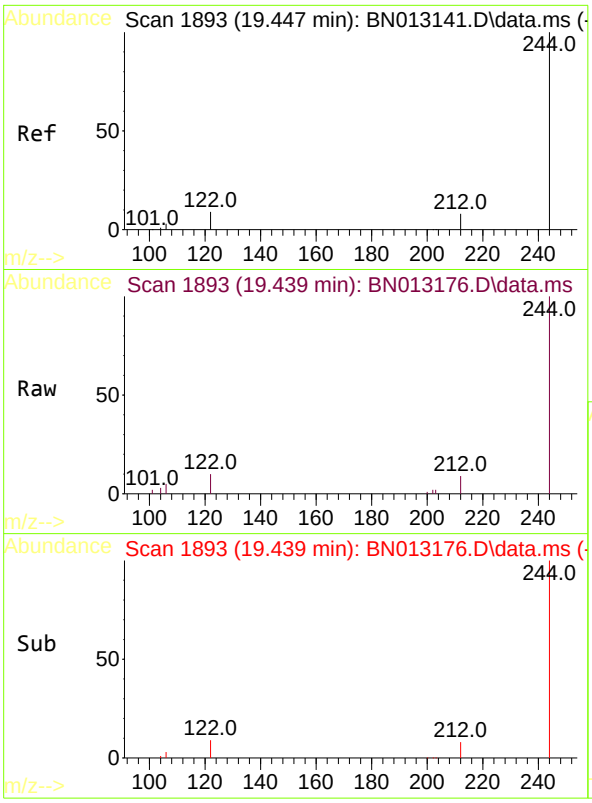
#30
Pyrene
Concen: 0.12 ng
RT: 19.215 min Scan# 1848
Delta R.T. -0.008 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:202 Resp: 1187

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	30.2	13.8	20.8#



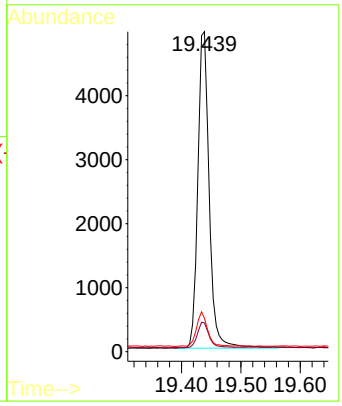
Instrument :
BNA_N
ClientSampleId :
MW-5RE

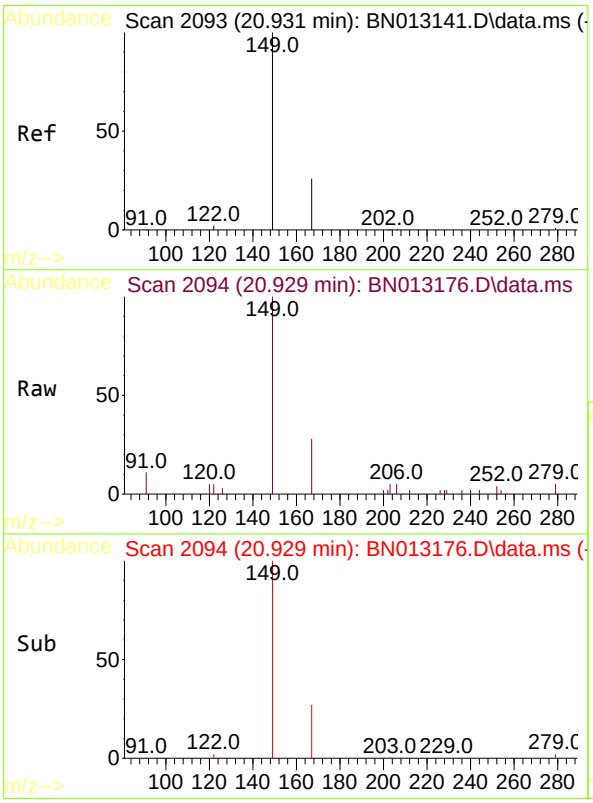


#31
Terphenyl-d14
Concen: 0.98 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:244 Resp: 6584

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.4	7.3	10.9

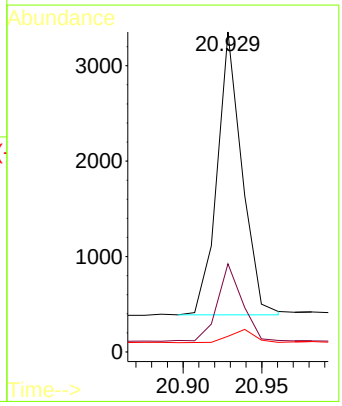


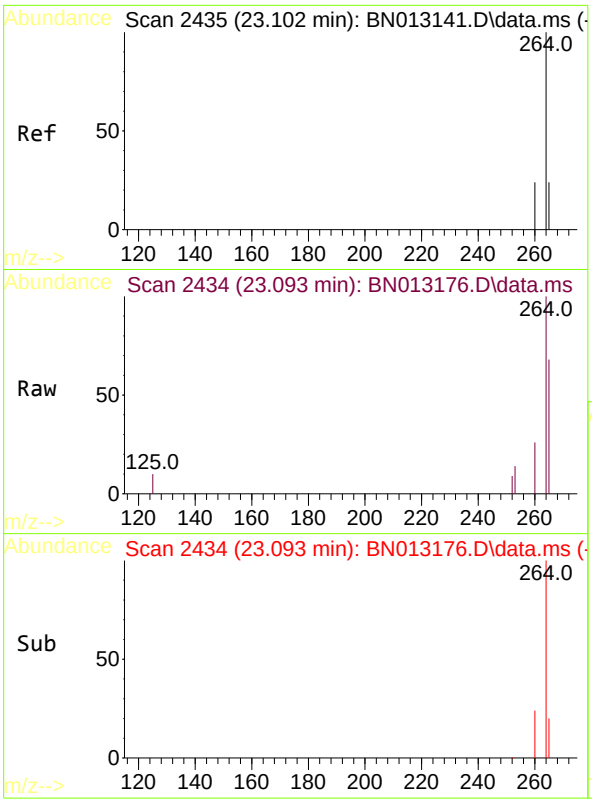


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:149 Resp: 3252

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.2	34.8
279	4.7	3.9	5.9

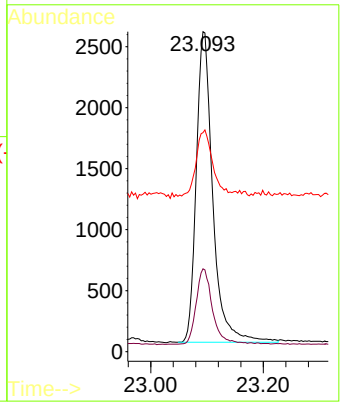




#36
Perylene-d12
Concen: 0.80 ng
RT: 23.093 min Scan# 2434
Delta R.T. -0.010 min
Lab File: BN013176.D
Acq: 16 Dec 2020 21:32

Tgt Ion:264 Resp: 5187

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.8	29.6
265	68.5	51.4	77.0



Instrument :
BNA_N
ClientSampleId :
MW-5RE