Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013874.D
Acq On : 08 Mar 2021 17:48
Operator : CG/JU
Sample : M1594-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GWBR3-175-185-030421

Quant Time: Mar 08 23:12:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	5819	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	22498	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12678	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	28568	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	28136	0.40	ng	0.00
36) Perylene-d12	23.489	264	26257	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	1835	0.12	ng	0.00
5) Phenol-d6	6.887	99	1345	0.06	ng	0.00
8) Nitrobenzene-d5	8.857	82	4350	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	10075	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1510	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	14028	0.31	ng	0.00
27) Fluoranthene-d10	19.119	212	30345	0.36	ng	0.00
31) Terphenyl-d14	19.720	244	25789	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	7279	1.03	ng	# 89
25) Phenanthrene	17.129	178	3252	0.04	ng	# 95
28) Fluoranthene	19.149	202	2806	0.03	ng	# 92
30) Pyrene	19.511	202	1983	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.186	149	2957	0.07	ng	98

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

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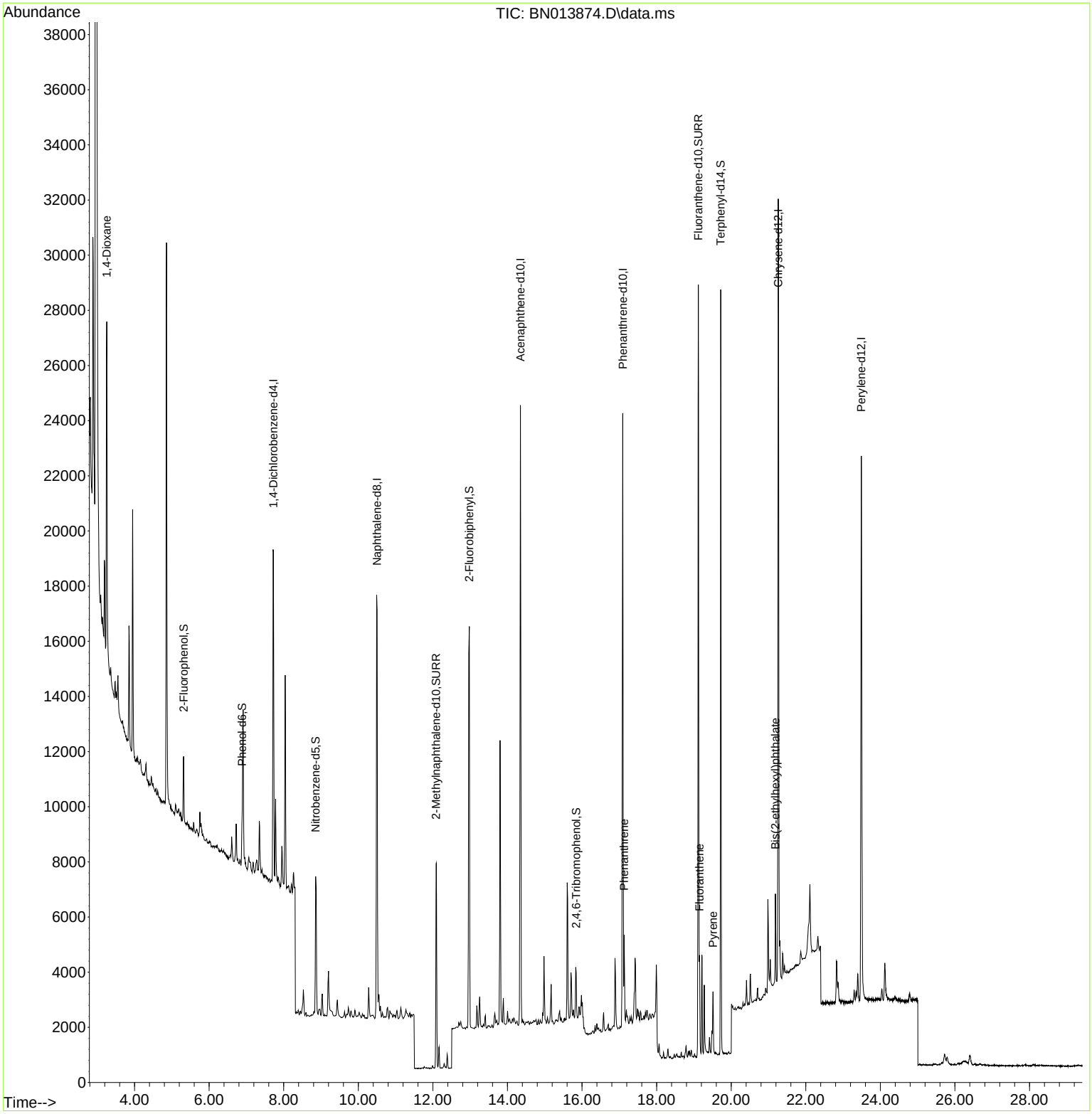
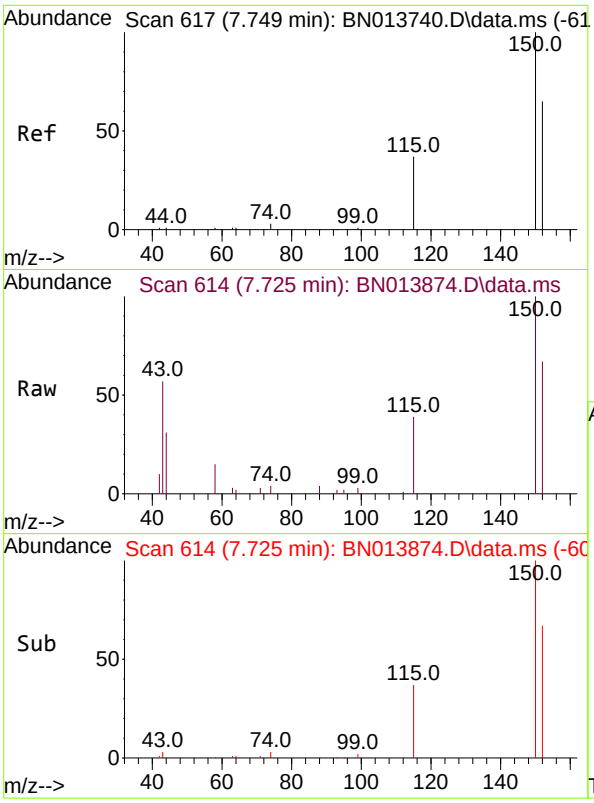
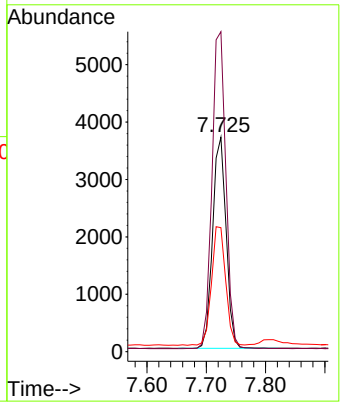




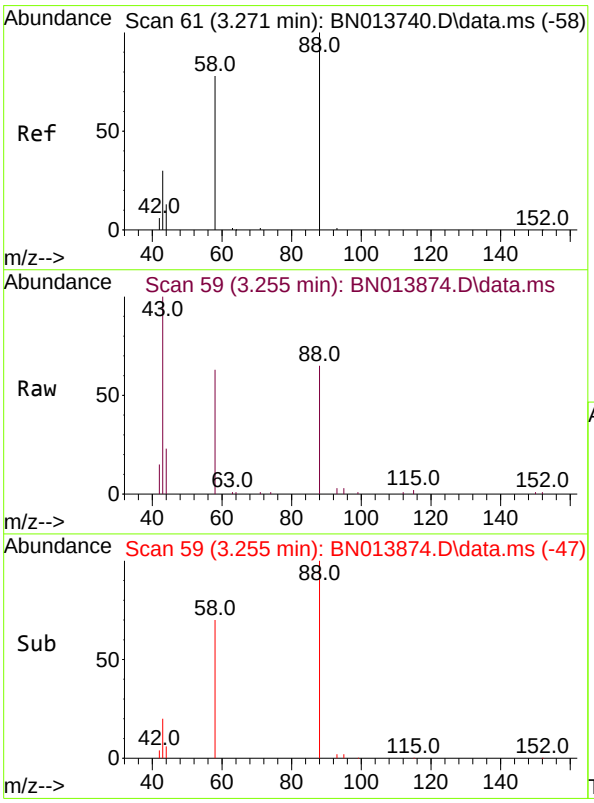
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 614
Delta R.T. 0.001 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:152 Resp: 5819

Ion	Ratio	Lower	Upper
152	100		
150	149.2	121.8	182.8
115	57.8	46.6	69.8



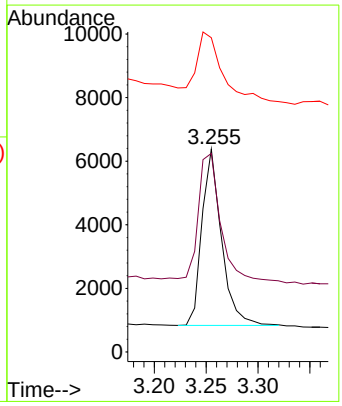
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

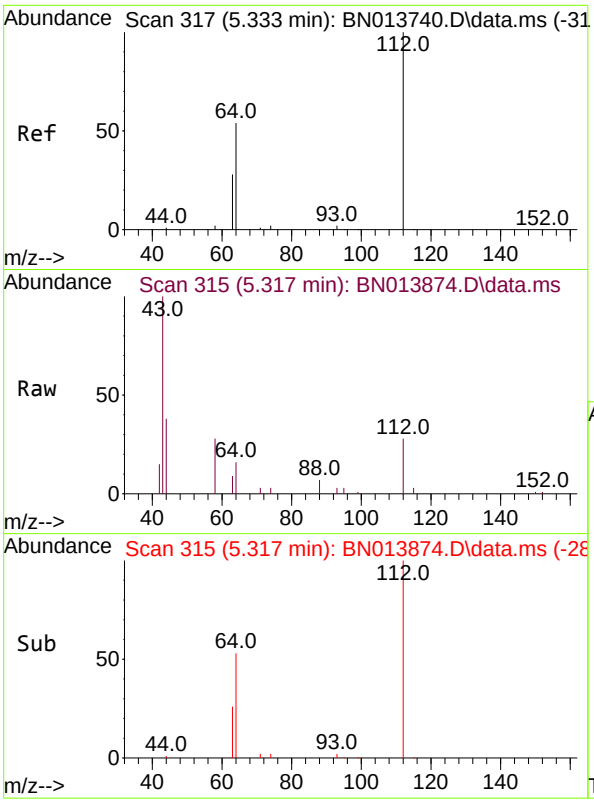


#2
1,4-Dioxane
Concen: 1.03 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion: 88 Resp: 7279

Ion	Ratio	Lower	Upper
88	100		
58	80.4	64.6	96.8
43	53.4	26.6	40.0#

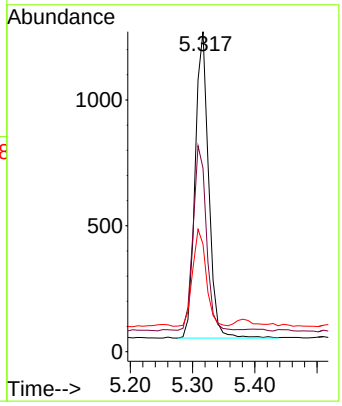




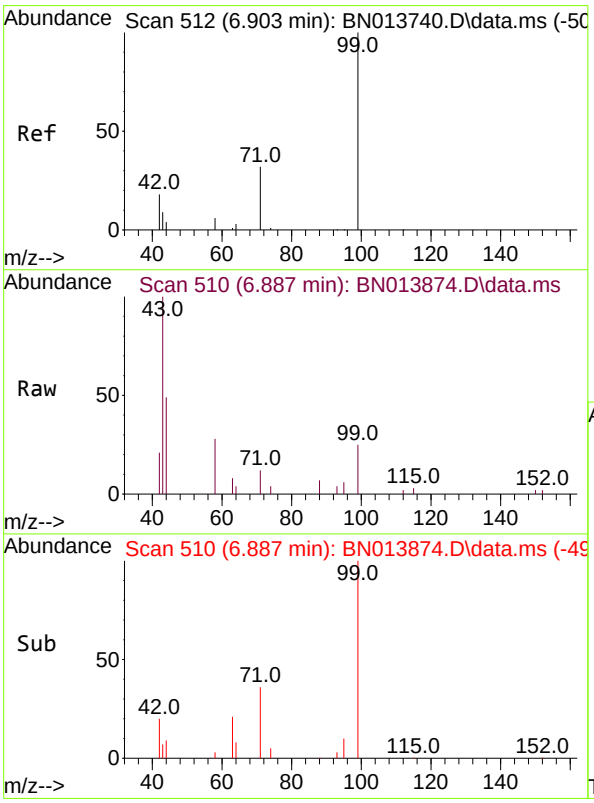
#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:112 Resp: 1835

Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.3	66.5
63	31.7	23.0	34.6



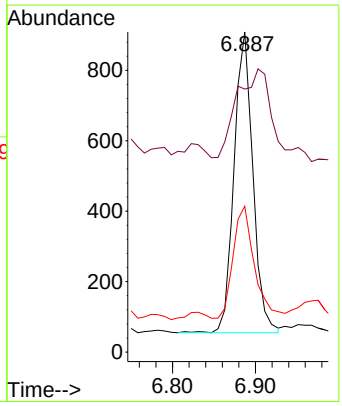
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421



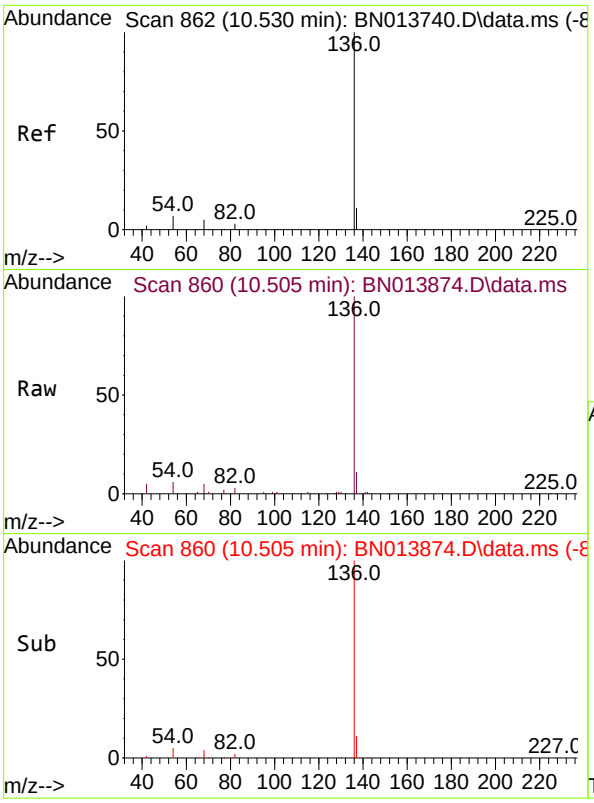
#5
Phenol-d6
Concen: 0.06 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion: 99 Resp: 1345

Ion	Ratio	Lower	Upper
99	100		
42	60.4	15.2	22.8#
71	44.0	26.1	39.1#



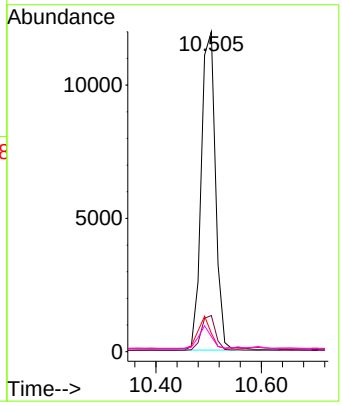
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

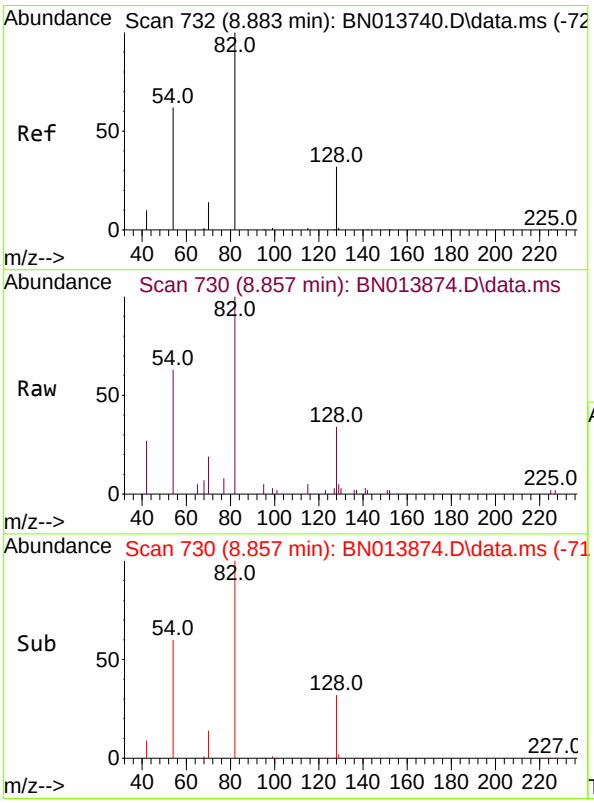


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:136 Resp: 22498

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	5.7	6.4	9.6#
68	4.7	4.5	6.7

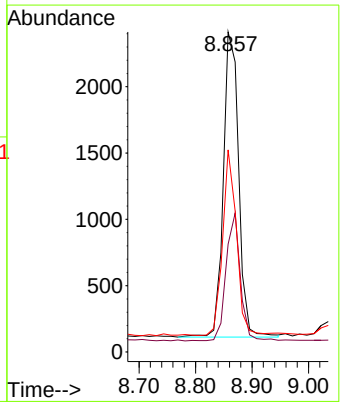


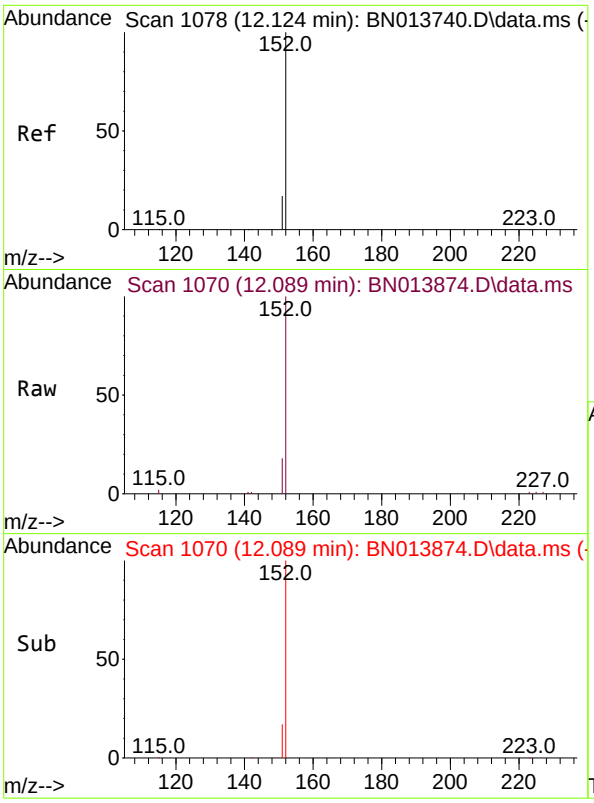


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion: 82 Resp: 4350

Ion	Ratio	Lower	Upper
82	100		
128	33.7	39.2	58.8#
54	63.2	40.1	60.1#

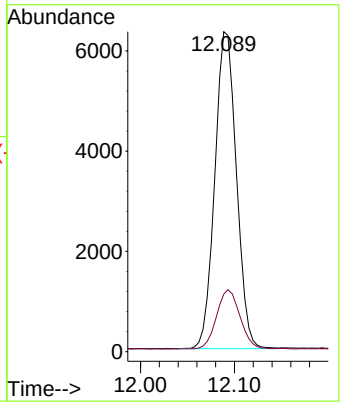




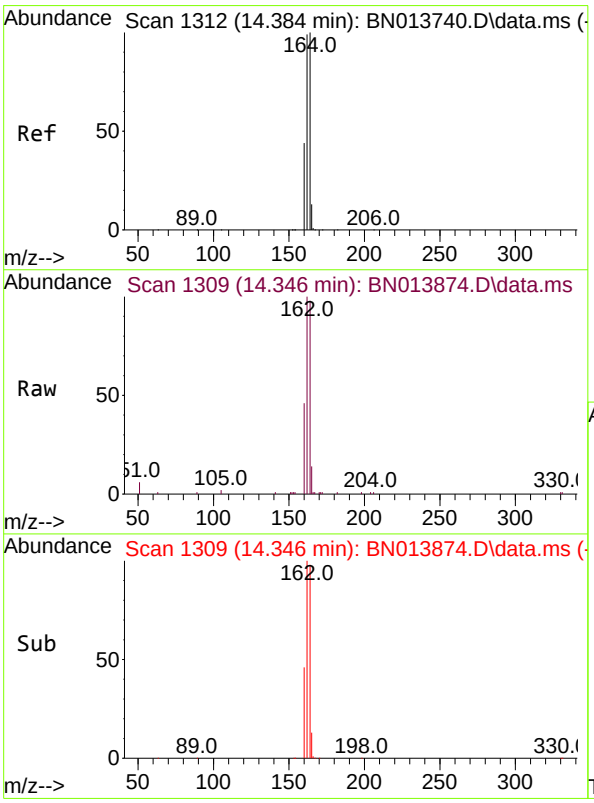
#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.089 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:152 Resp: 10075

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2



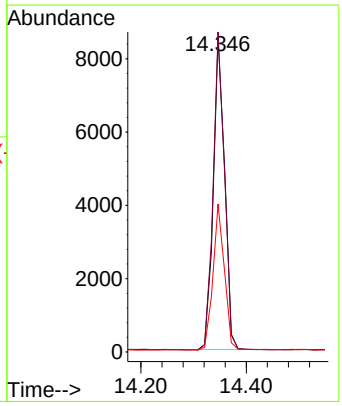
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421



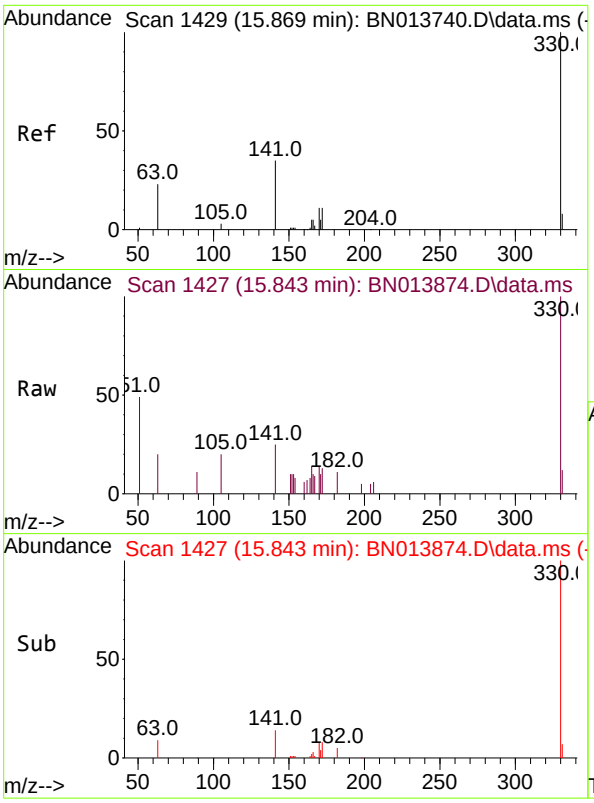
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:164 Resp: 12678

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.6	119.4
160	47.0	36.0	54.0



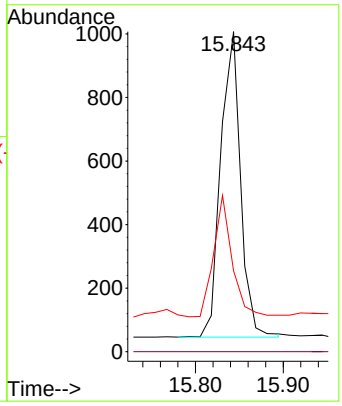
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

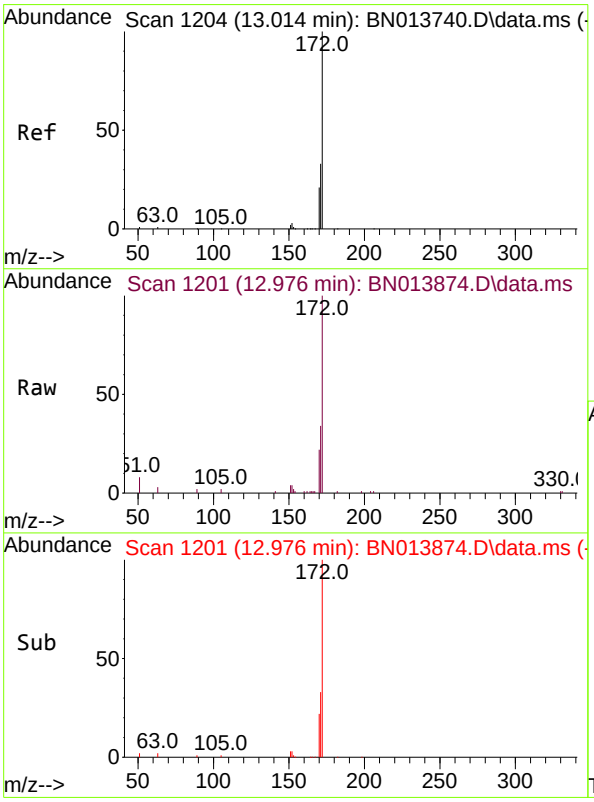


#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:330 Resp: 1510

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.8	26.8	40.2

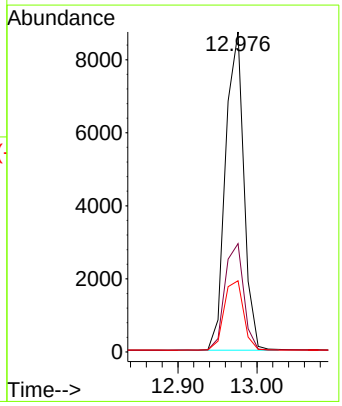


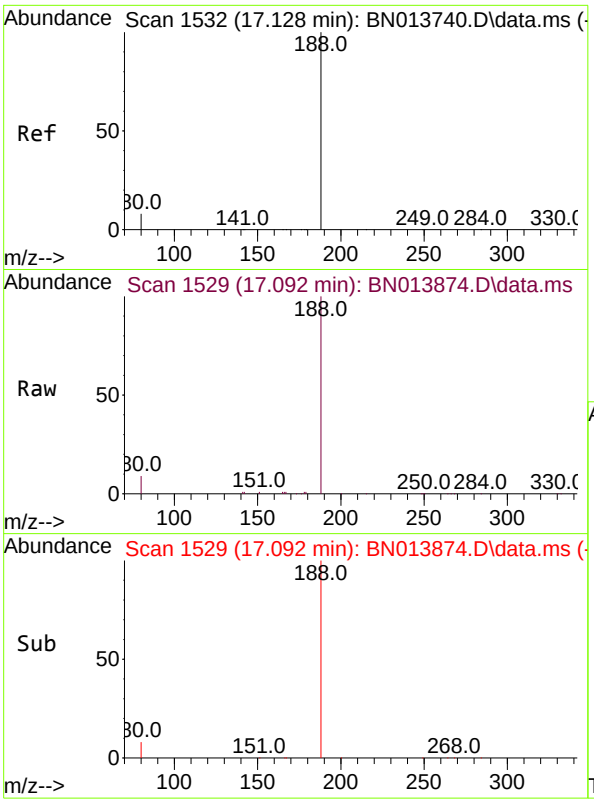


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:172 Resp: 14028

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	22.2	18.9	28.3

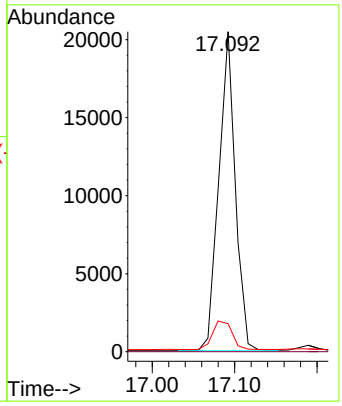




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.001 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:188 Resp: 28568

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	9.0	13.6#



Instrument :
BNA_N
ClientSampleId :
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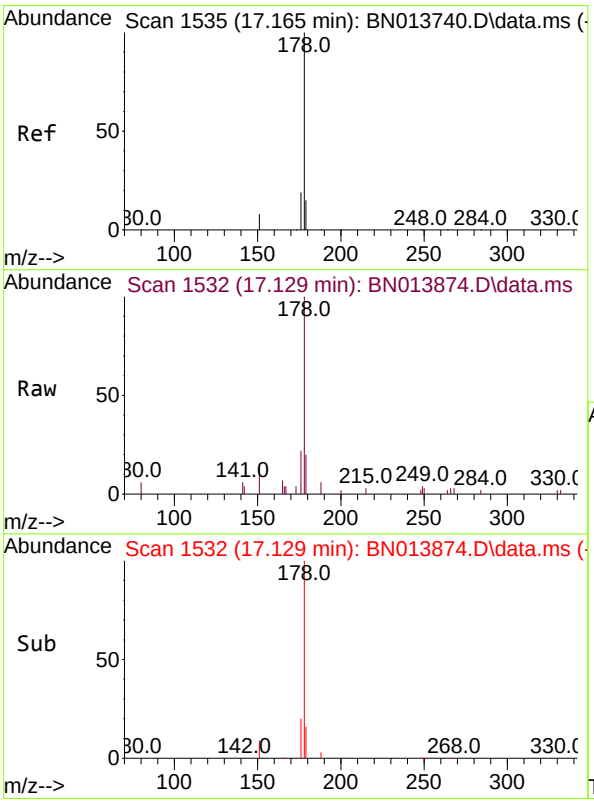
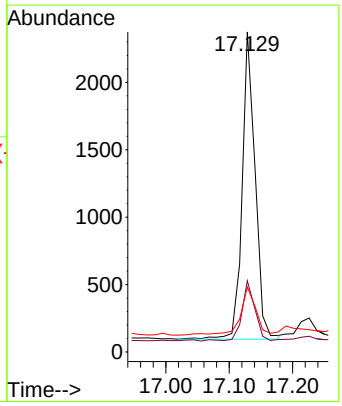
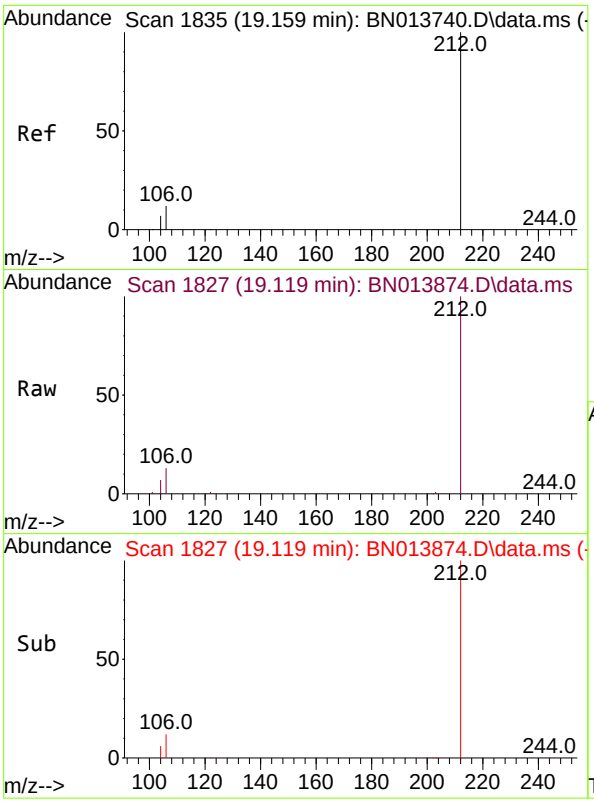


#25
Phenanthrene
Concen: 0.04 ng
RT: 17.129 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:178 Resp: 3252

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.4
179	18.7	12.3	18.5#

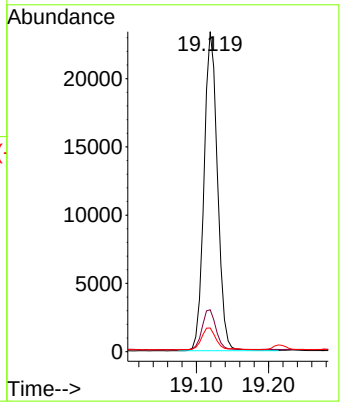




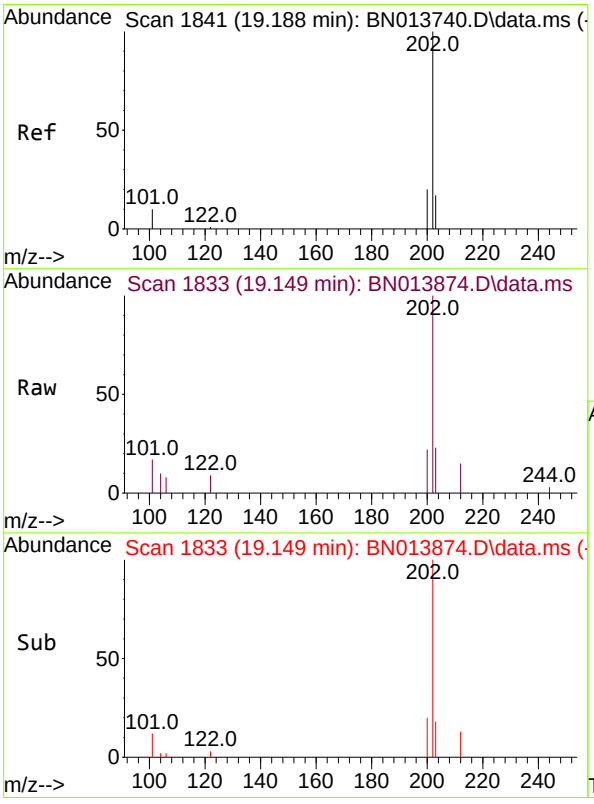
#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:212 Resp: 30345

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.7	14.5
104	7.6	5.5	8.3



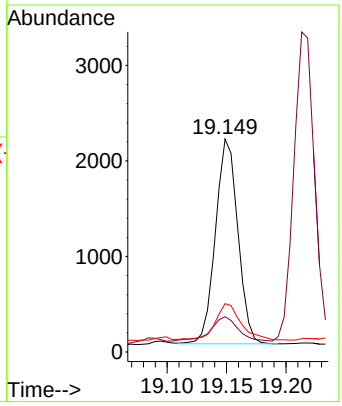
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

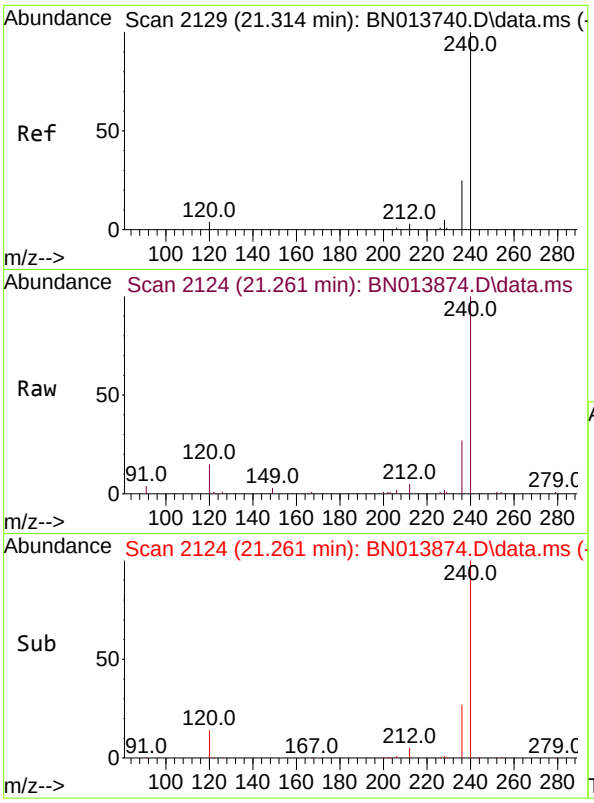


#28
Fluoranthene
Concen: 0.03 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:202 Resp: 2806

Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.1	12.1#
203	20.4	13.9	20.9

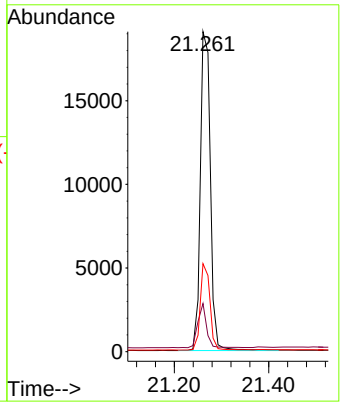




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:240 Resp: 28136

Ion	Ratio	Lower	Upper
240	100		
120	15.0	10.2	15.4
236	27.5	21.3	31.9



Instrument :
BNA_N
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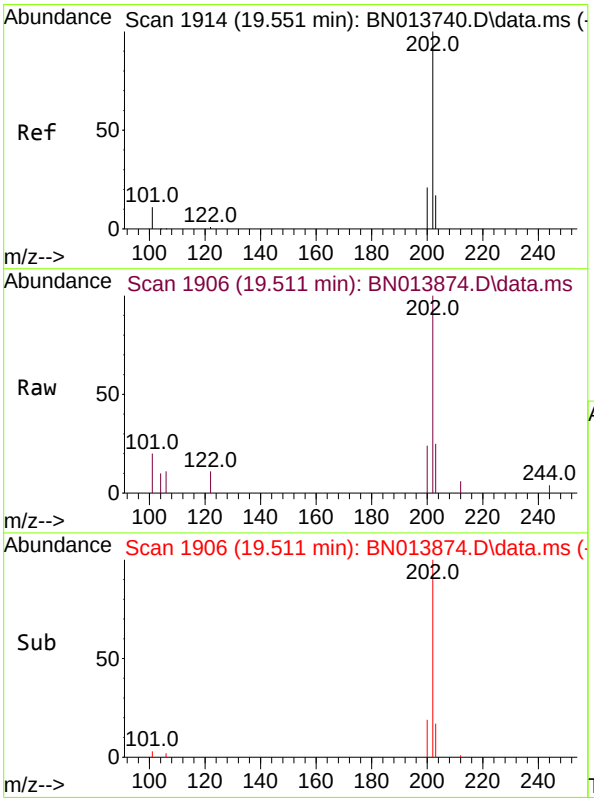
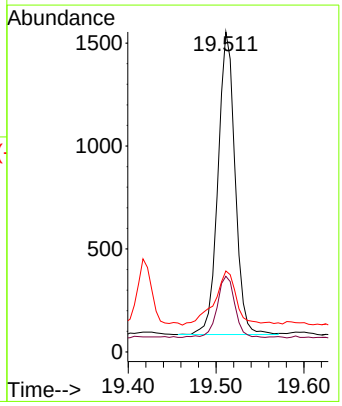
GWBR3-175-185-030421

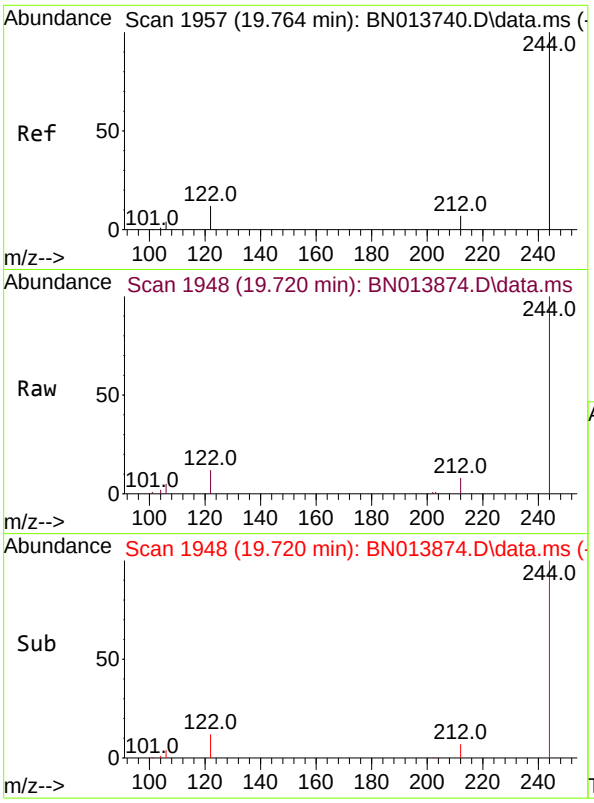


#30
Pyrene
Concen: 0.02 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:202 Resp: 1983

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	24.0	14.0	21.0#

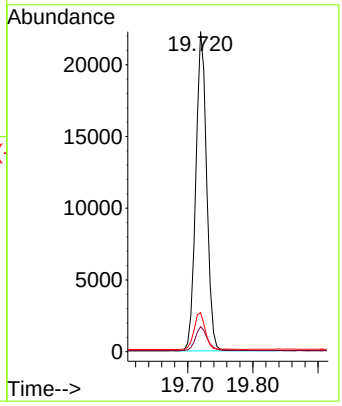




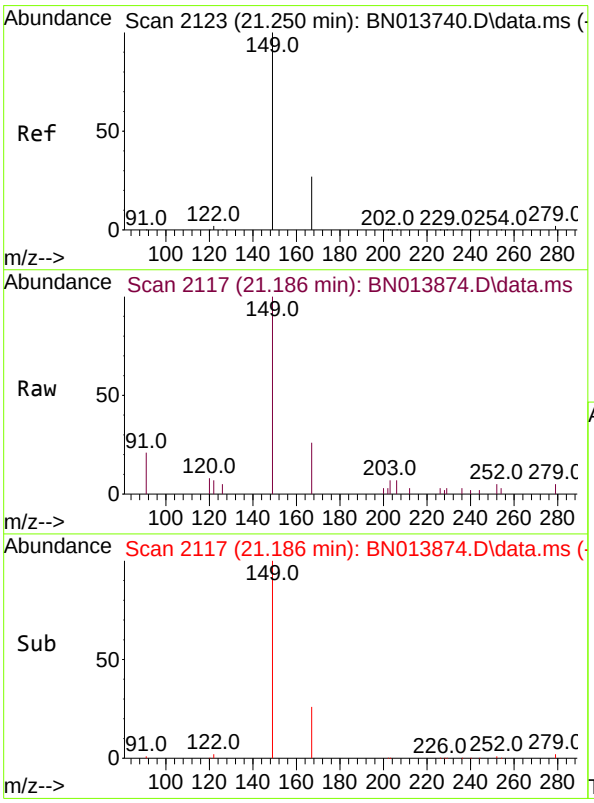
#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.720 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:244 Resp: 25789

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	12.2	9.8	14.8



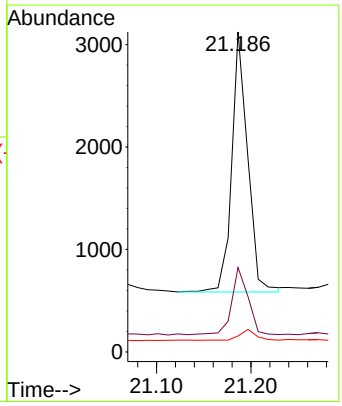
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

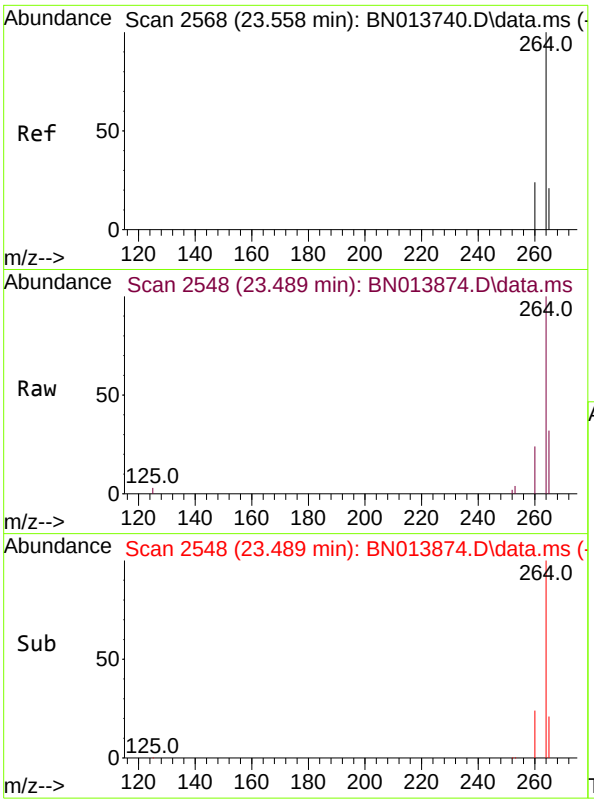


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.186 min Scan# 2117
Delta R.T. -0.008 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:149 Resp: 2957

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.1	33.1
279	4.3	3.5	5.3

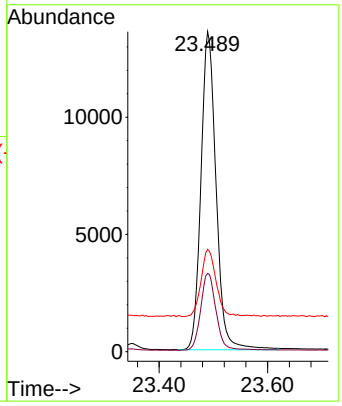




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.489 min Scan# 2548
Delta R.T. -0.004 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:264 Resp: 26257

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	32.0	66.2	99.4#



Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421