Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014180.D
Acq On : 01 Apr 2021 15:58
Operator : CG/JU
Sample : M1890-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

Quant Time: Apr 01 16:30:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	4998	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	18657	0.40	ng	#	0.00
13) Acenaphthene-d10	14.321	164	10414	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	20076	0.40	ng	#	0.00
29) Chrysene-d12	21.247	240	23837	0.40	ng	#	0.00
36) Perylene-d12	23.469	264	27856	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	2146	0.17	ng		0.00
5) Phenol-d6	6.863	99	1811	0.11	ng		0.00
8) Nitrobenzene-d5	8.832	82	4968	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	8939	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1727	0.52	ng		0.01
15) 2-Fluorobiphenyl	12.938	172	12368	0.32	ng		0.00
27) Fluoranthene-d10	19.096	212	24582	0.47	ng		0.00
31) Terphenyl-d14	19.702	244	21393	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	20570	3.20	ng	#	94
3) n-Nitrosodimethylamine	3.529	42	761	0.15	ng	#	1
6) bis(2-Chloroethyl)ether	7.064	93	2569	0.20	ng	#	20
9) Naphthalene	10.518	128	8441	0.18	ng	#	95
12) 2-Methylnaphthalene	12.129	142	3471	0.12	ng	#	95
16) Acenaphthylene	14.042	152	1226	0.03	ng	#	73
18) Fluorene	15.374	166	937	0.03	ng	#	81
24) Pentachlorophenol	16.714	266	159	0.04	ng		94
25) Phenanthrene	17.104	178	7283	0.14	ng		100
28) Fluoranthene	19.126	202	7056	0.13	ng	#	68
30) Pyrene	19.493	202	6486	0.08	ng	#	85
32) Benzo(a)anthracene	21.237	228	1743	0.03	ng	#	31
33) Chrysene	21.290	228	2146	0.03	ng	#	62
34) Bis(2-ethylhexyl)phtha...	21.173	149	10249	0.51	ng		99
35) Indeno(1,2,3-cd)pyrene	25.698	276	2144	0.03	ng		95
37) Benzo(b)fluoranthene	22.805	252	3399	0.03	ng	#	1
39) Benzo(a)pyrene	23.373	252	1926	0.02	ng	#	1
41) Benzo(g,h,i)perylene	26.382	276	2250	0.02	ng	#	40

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

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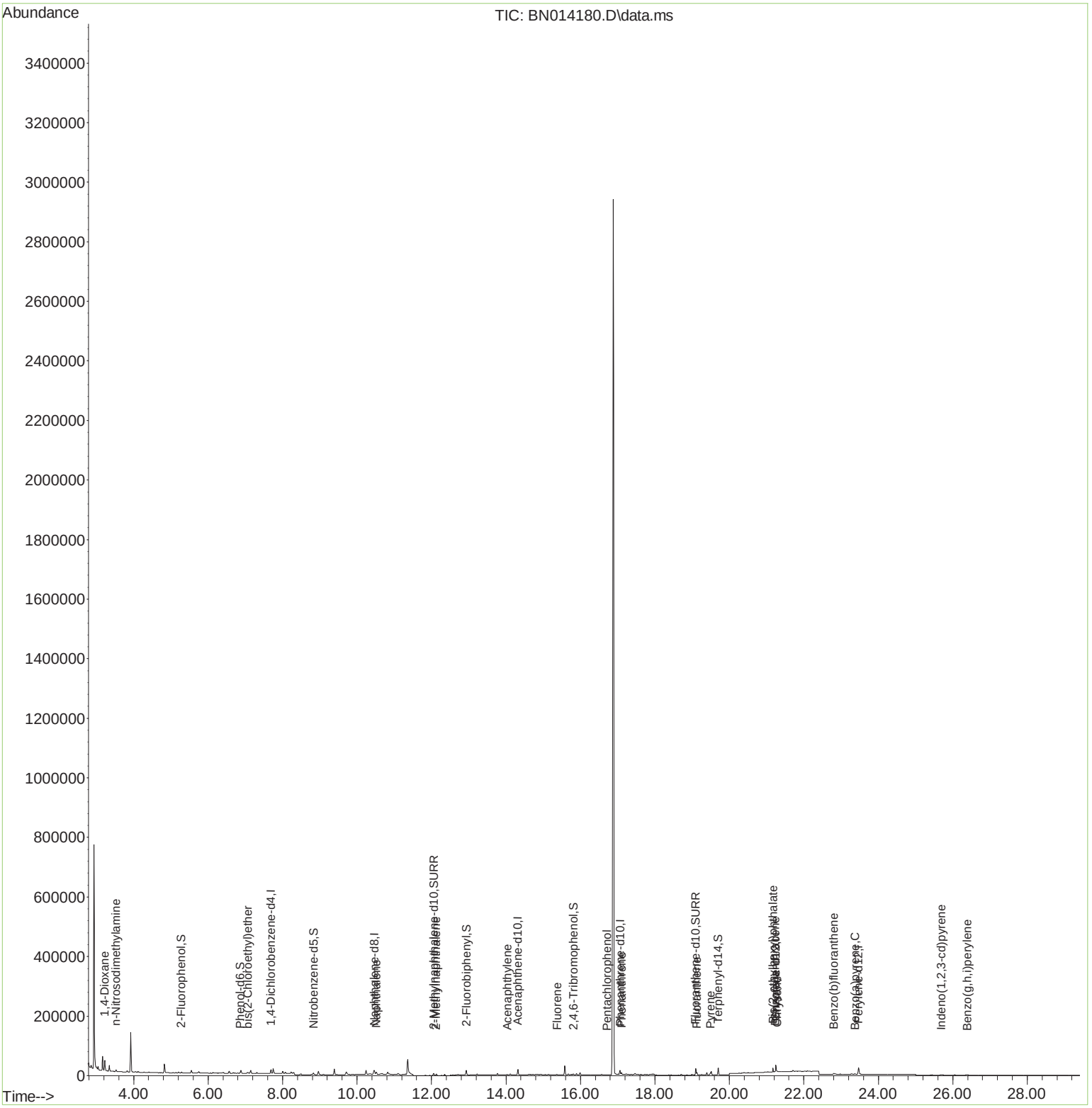
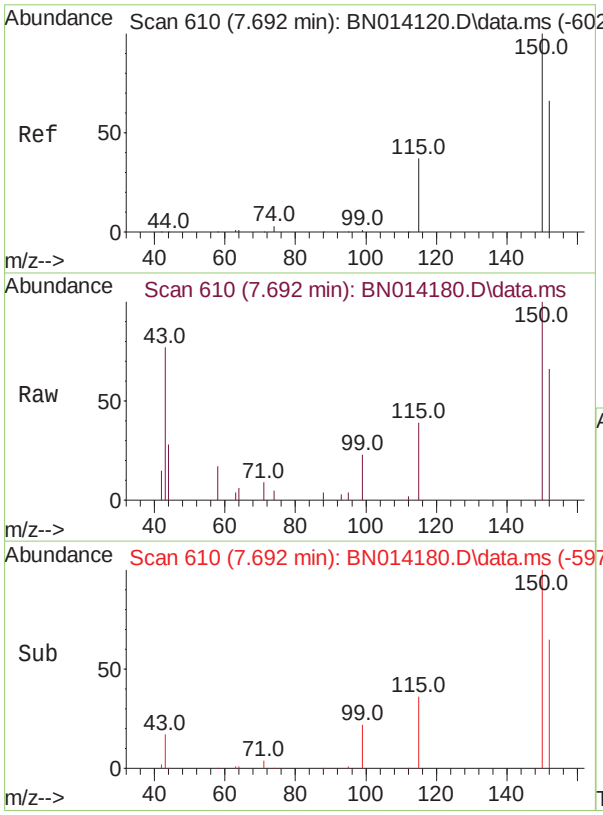


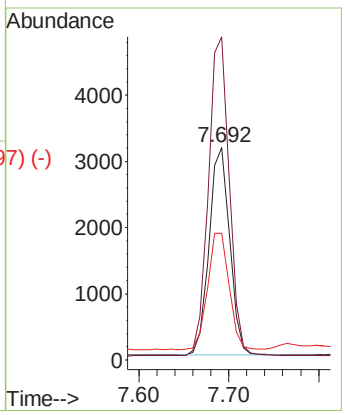
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

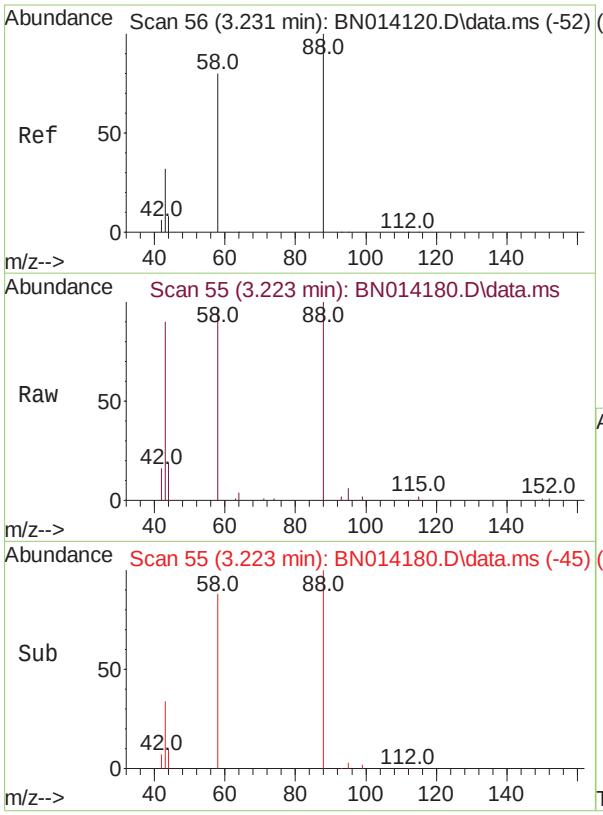


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.008 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:152 Resp: 4998

Ion	Ratio	Lower	Upper
152	100		
150	152.0	121.2	181.8
115	59.5	46.2	69.2

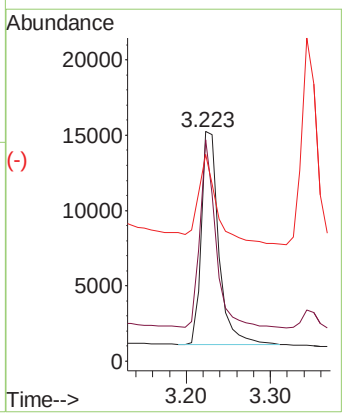




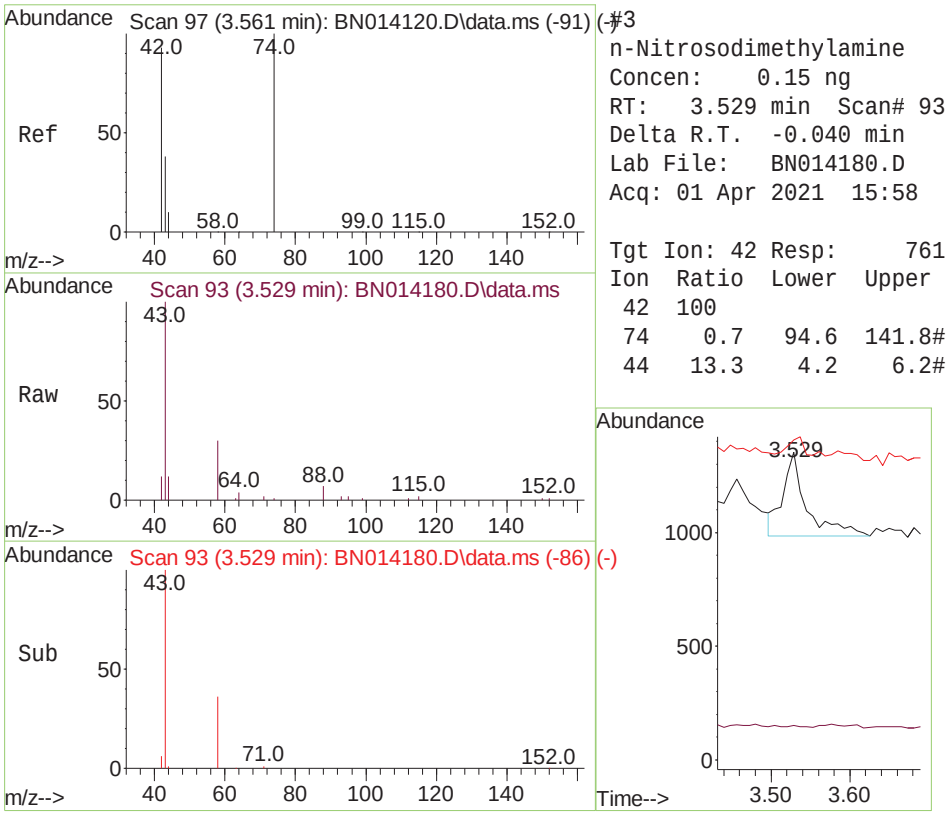
#2
1,4-Dioxane
Concen: 3.20 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.016 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 88 Resp: 20570

Ion	Ratio	Lower	Upper
88	100		
58	78.4	63.1	94.7
43	43.6	26.2	39.2#



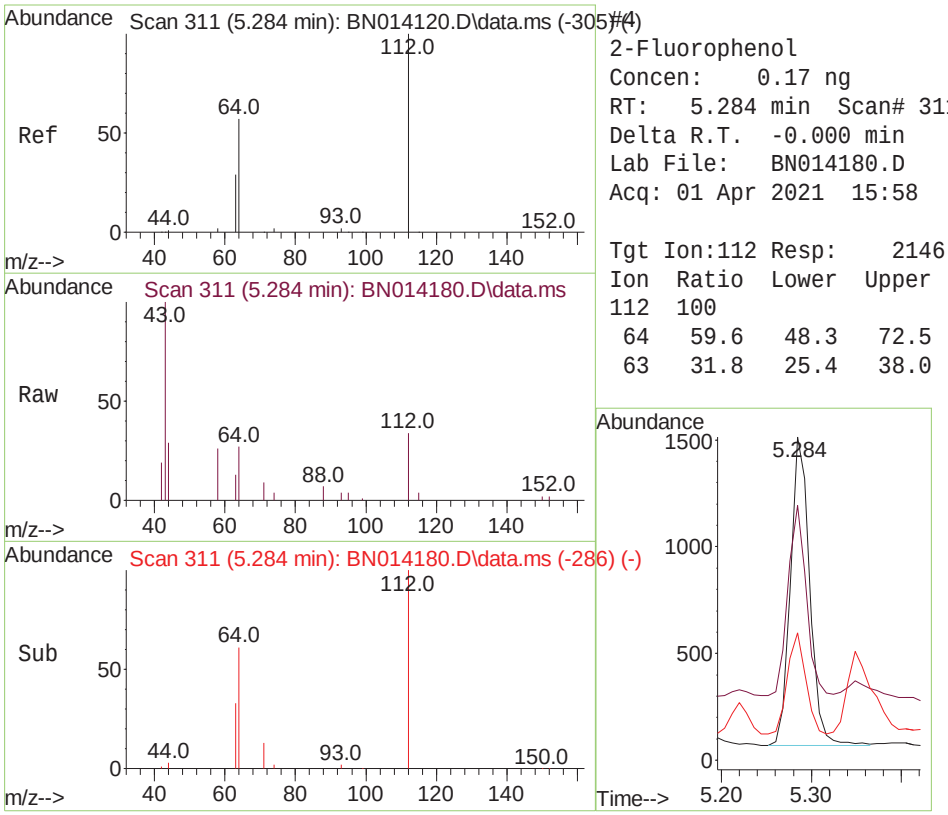
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121



#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.529 min Scan# 93
Delta R.T. -0.040 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 42 Resp: 761

Ion	Ratio	Lower	Upper
42	100		
74	0.7	94.6	141.8#
44	13.3	4.2	6.2#

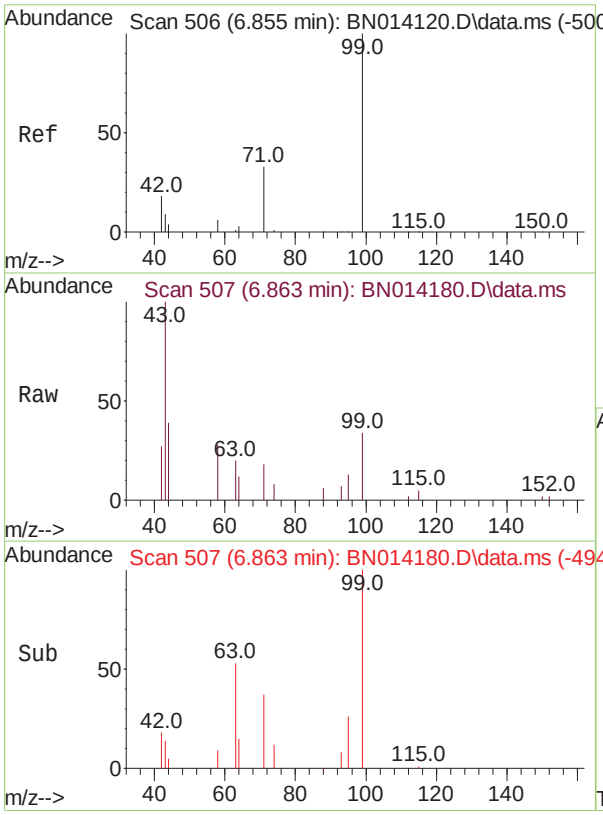


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:112 Resp: 2146

Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.3	72.5
63	31.8	25.4	38.0

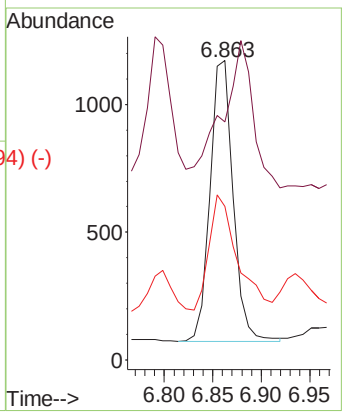
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

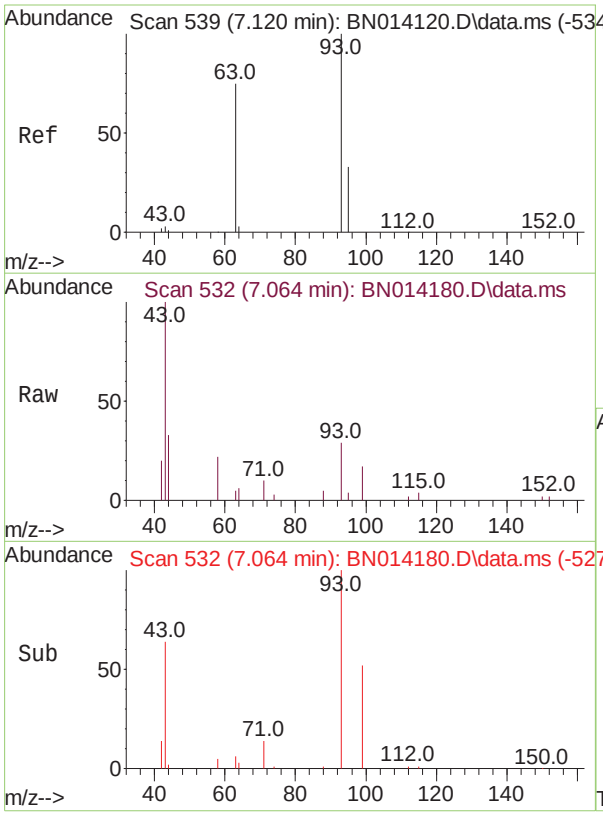


#5
Phenol-d6
Concen: 0.11 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.008 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 99 Resp: 1811

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.2	27.4#
71	50.2	26.7	40.1#

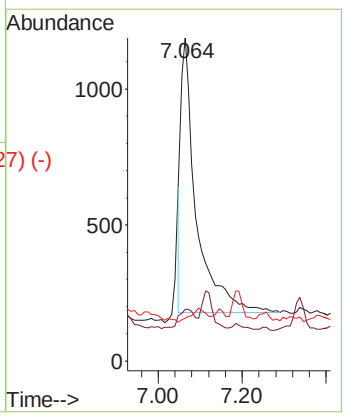




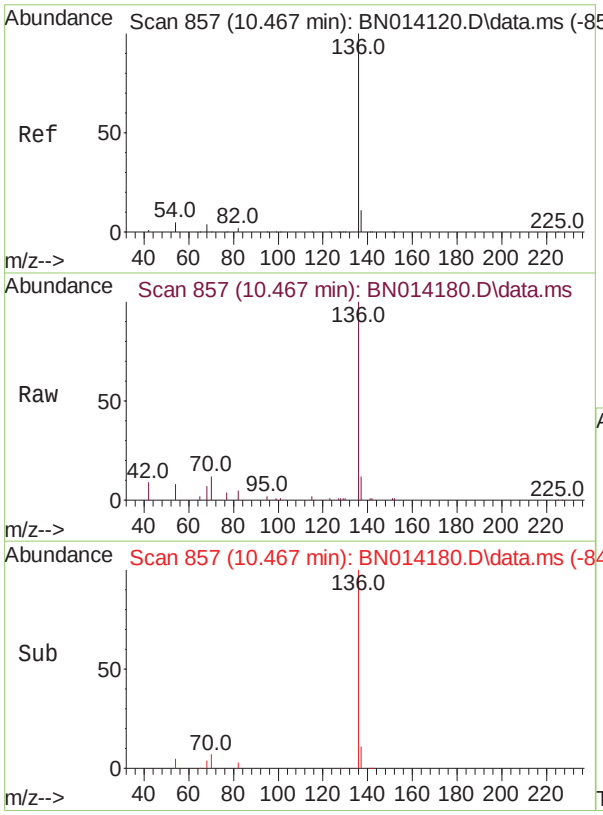
#6
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 7.064 min Scan# 532
Delta R.T. -0.057 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 93 Resp: 2569

Ion	Ratio	Lower	Upper
93	100		
63	2.3	65.1	97.7#
95	0.0	26.6	39.8#



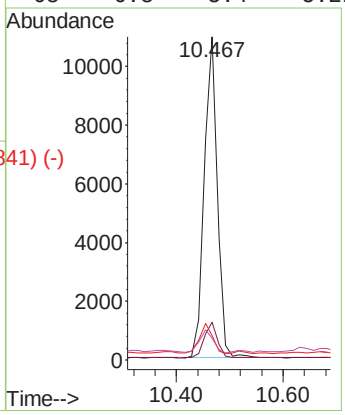
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

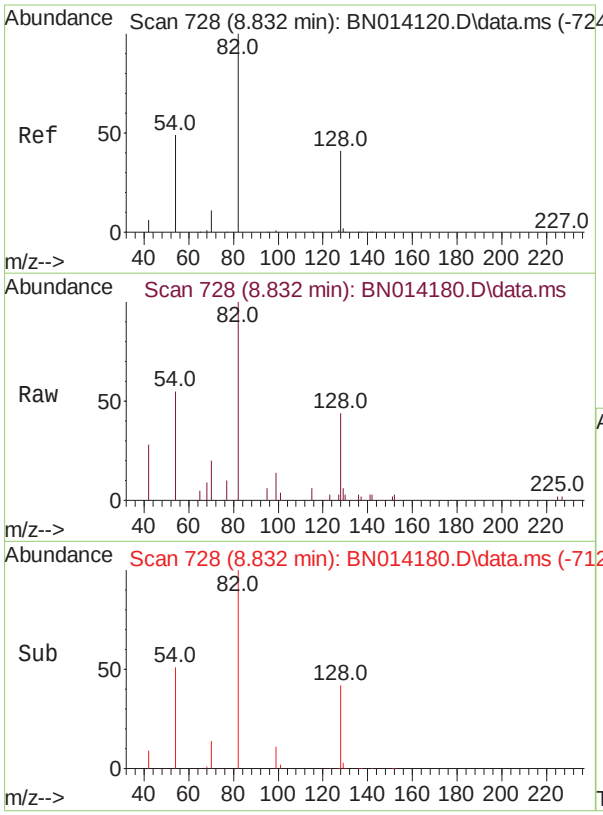


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:136 Resp: 18657

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	4.3	6.5#
68	6.8	3.4	5.2#

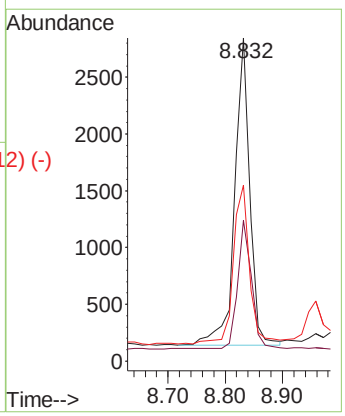




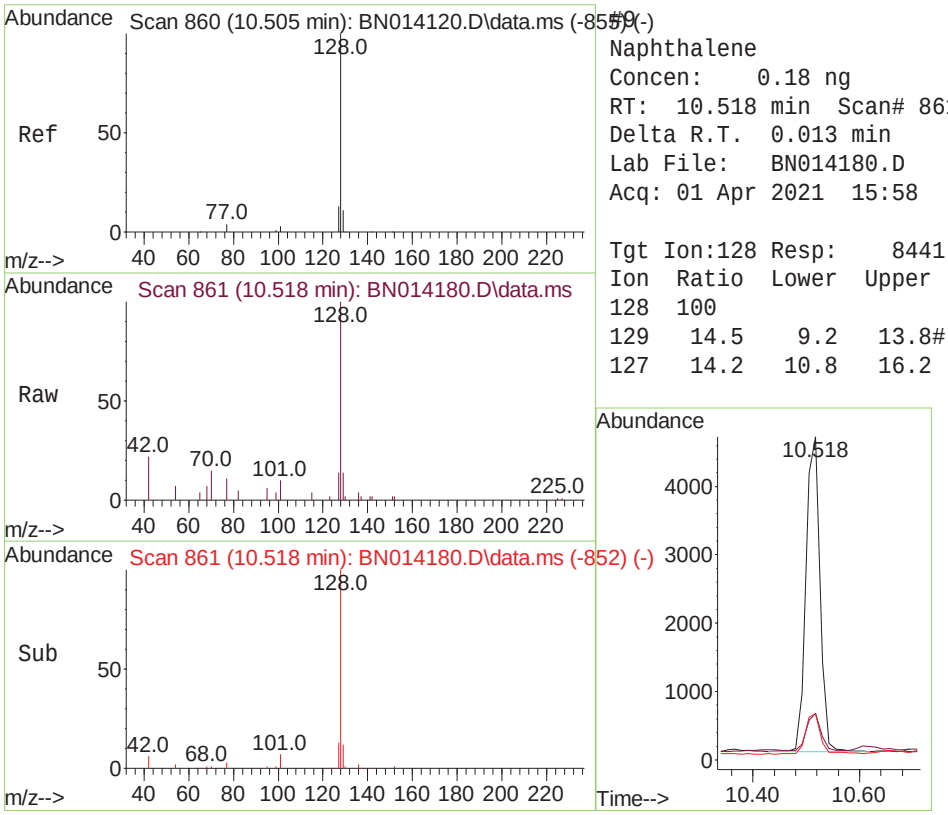
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 82 Resp: 4968

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	54.5	40.3	60.5



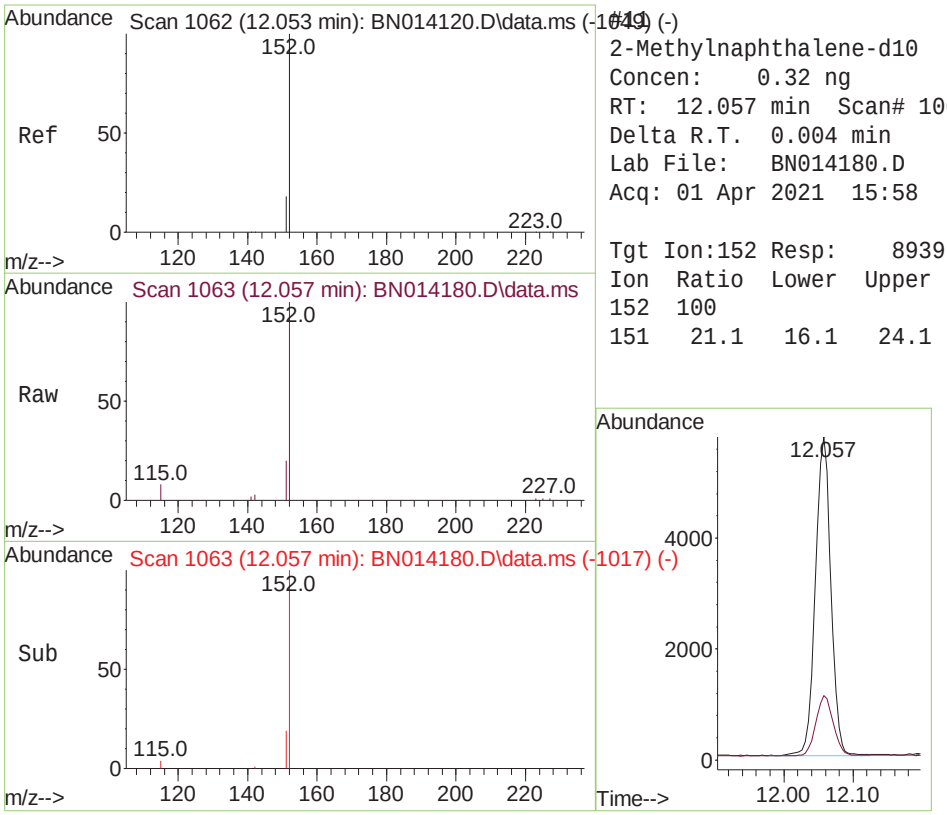
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121



#9
Naphthalene
Concen: 0.18 ng
RT: 10.518 min Scan# 861
Delta R.T. 0.013 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:128 Resp: 8441

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.2	13.8#
127	14.2	10.8	16.2

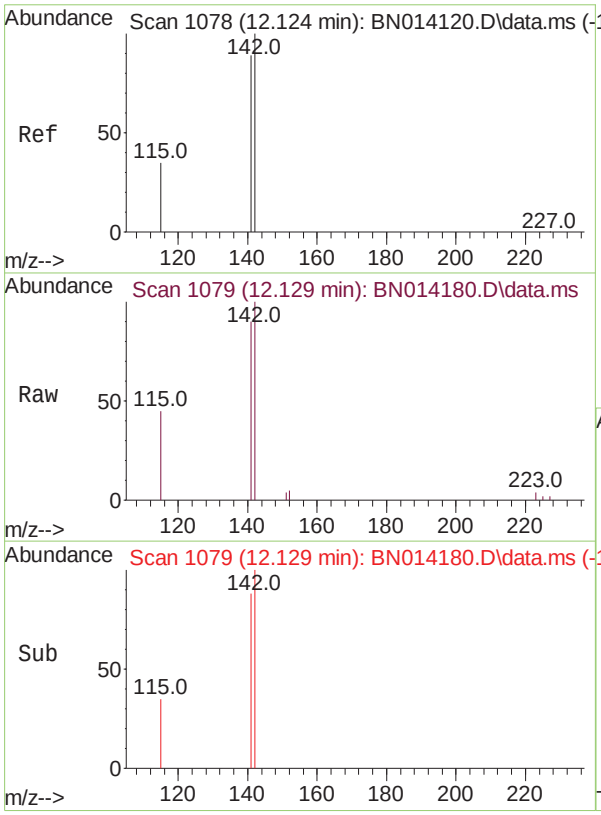


#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:152 Resp: 8939

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.1	24.1

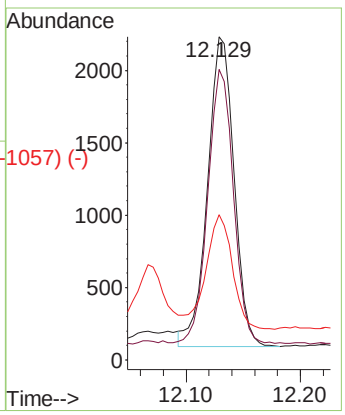
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

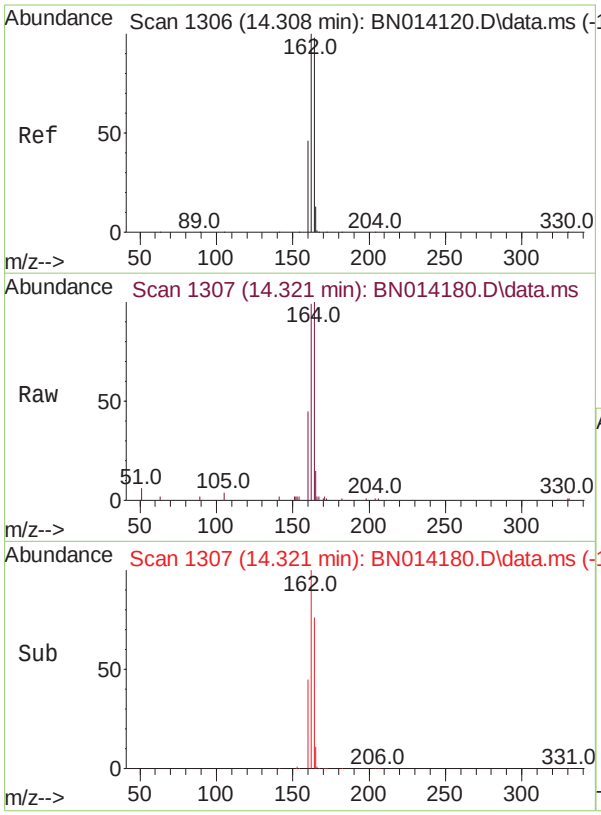


#12
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.129 min Scan# 1079
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:142 Resp: 3471

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.1	106.7
115	45.0	29.0	43.6#

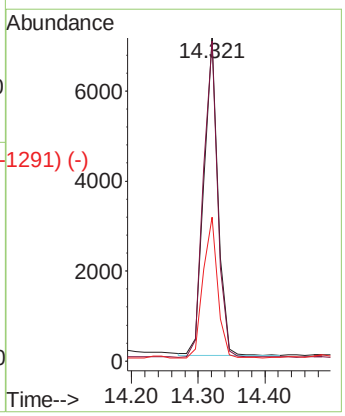




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:164 Resp: 10414

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.2
160	44.6	37.5	56.3



Instrument :
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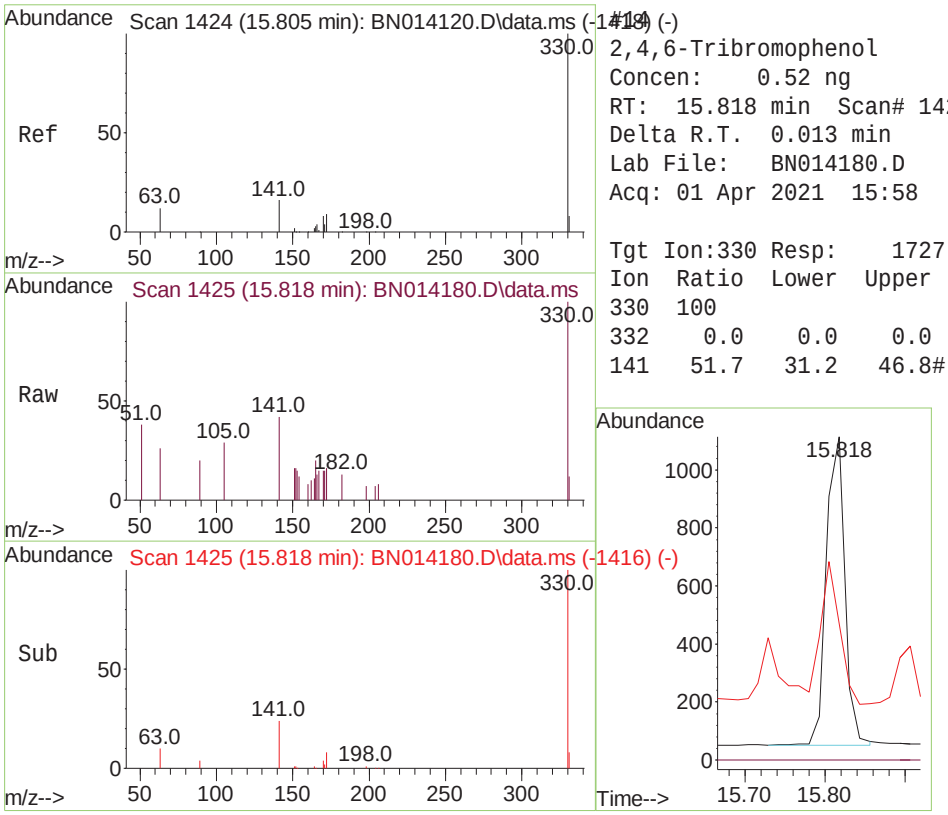
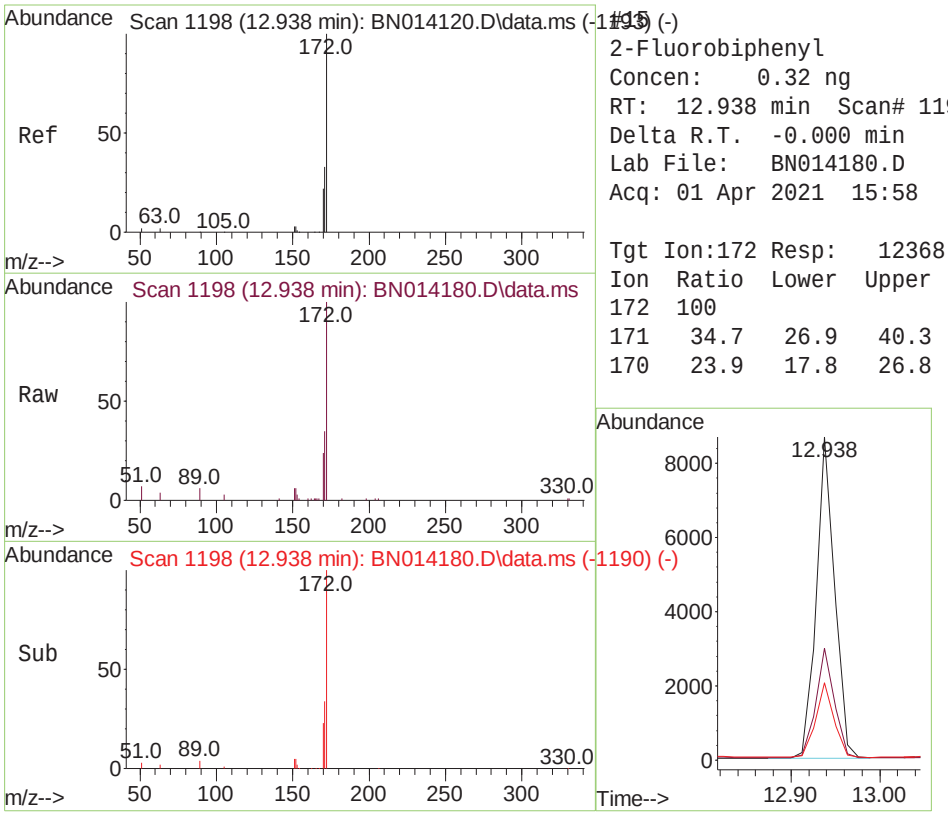
GWBR3-175-185-033121



#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:330 Resp: 1727

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.7	31.2	46.8#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:172 Resp: 12368

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.9	40.3
170	23.9	17.8	26.8

Instrument :
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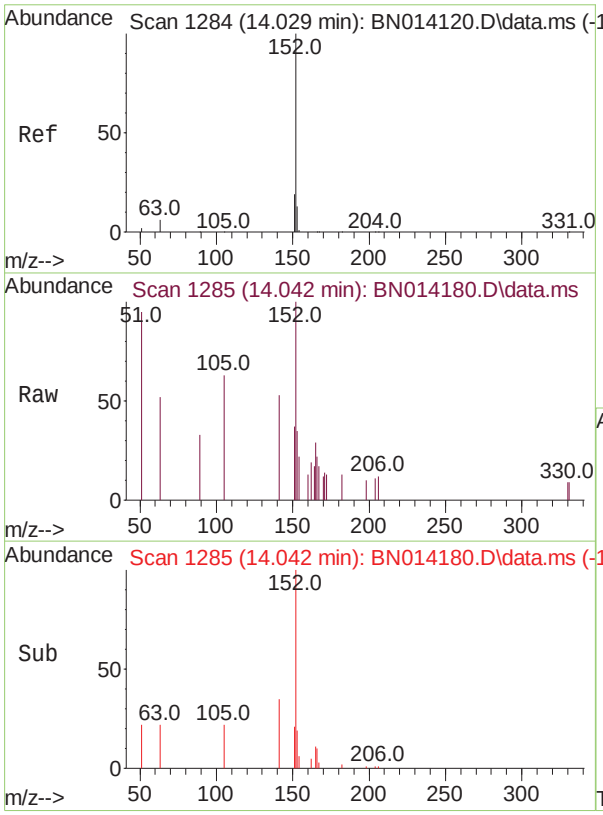
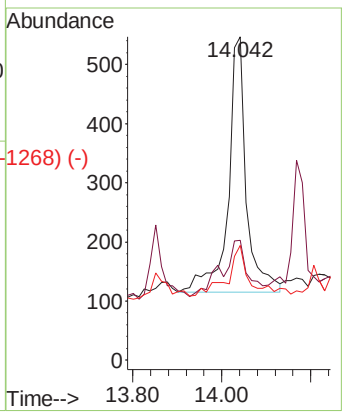
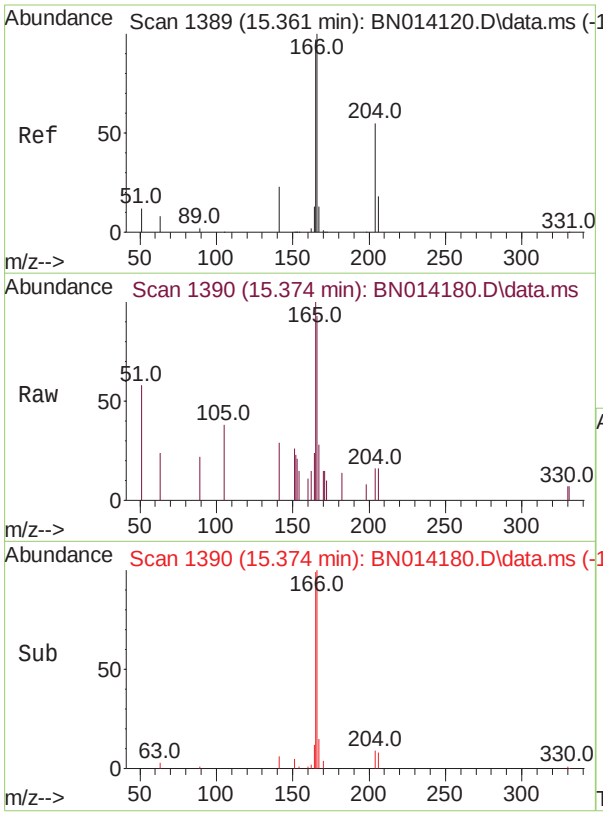


#10
Acenaphthylene
Concen: 0.03 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.013 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:152 Resp: 1226

Ion	Ratio	Lower	Upper
152	100		
151	31.3	15.4	23.2#
153	23.8	10.3	15.5#

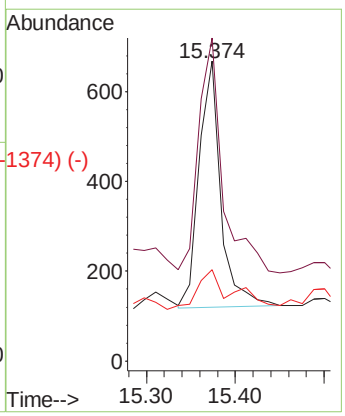




#18
Fluorene
Concen: 0.03 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:166 Resp: 937

Ion	Ratio	Lower	Upper
166	100		
165	113.8	77.9	116.9
167	0.0	10.6	16.0#



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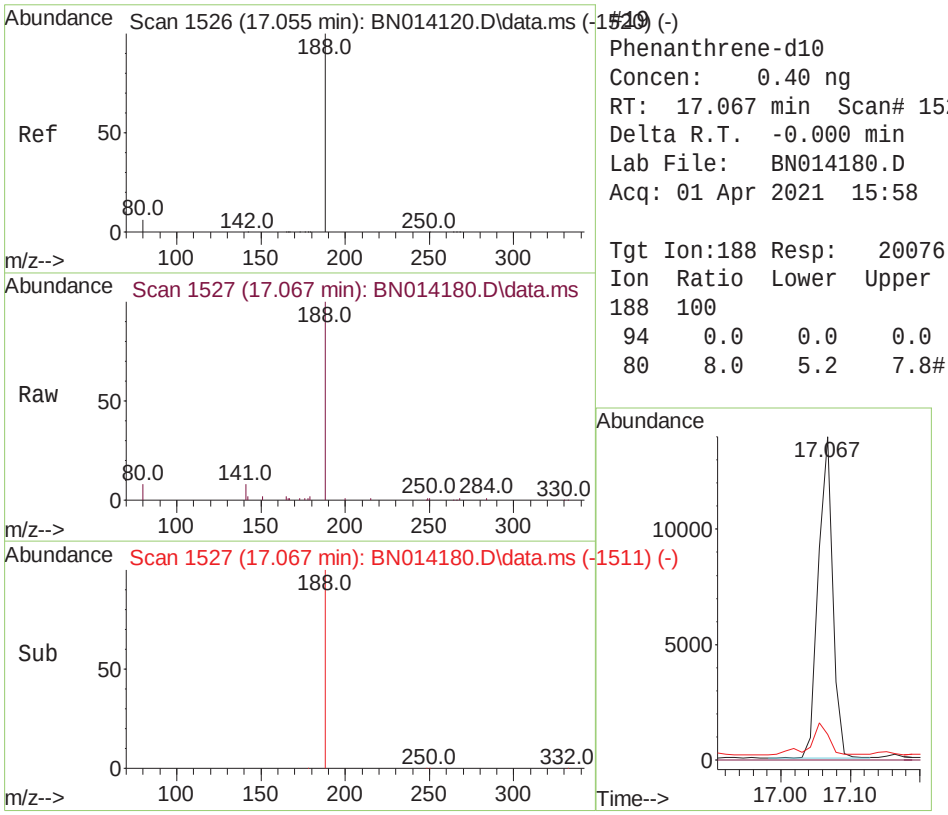
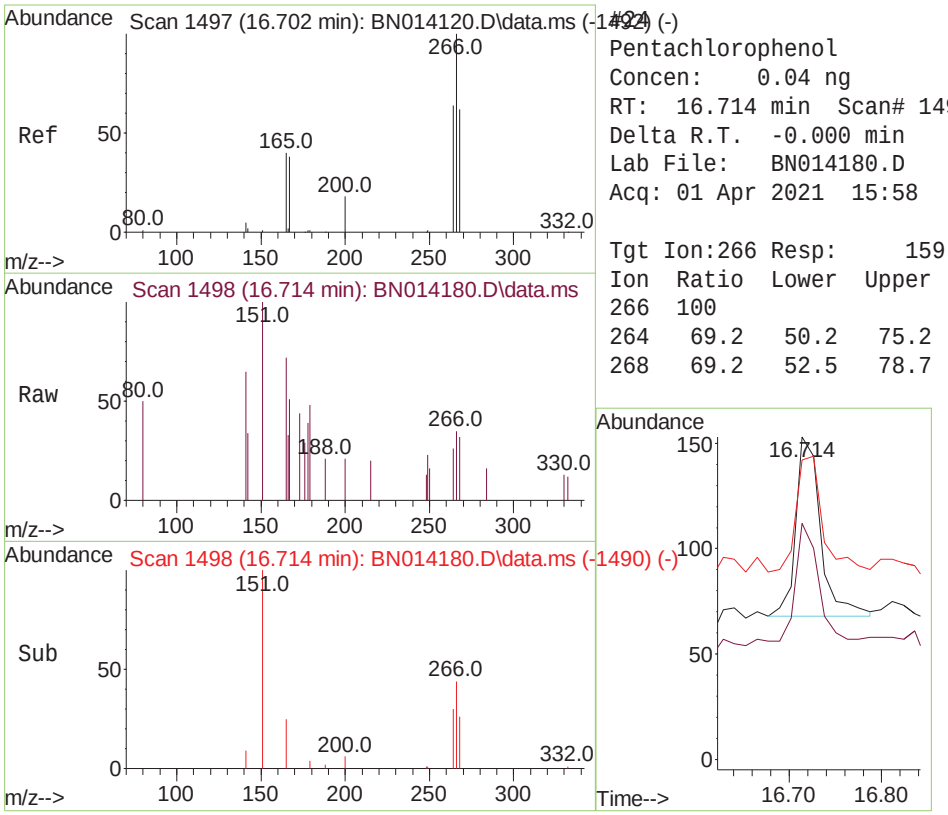


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:188 Resp: 20076

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	5.2	7.8#



#24
Pentachlorophenol
Concen: 0.04 ng
RT: 16.714 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:266 Resp: 159

Ion	Ratio	Lower	Upper
266	100		
264	69.2	50.2	75.2
268	69.2	52.5	78.7

Instrument :
BNA_N
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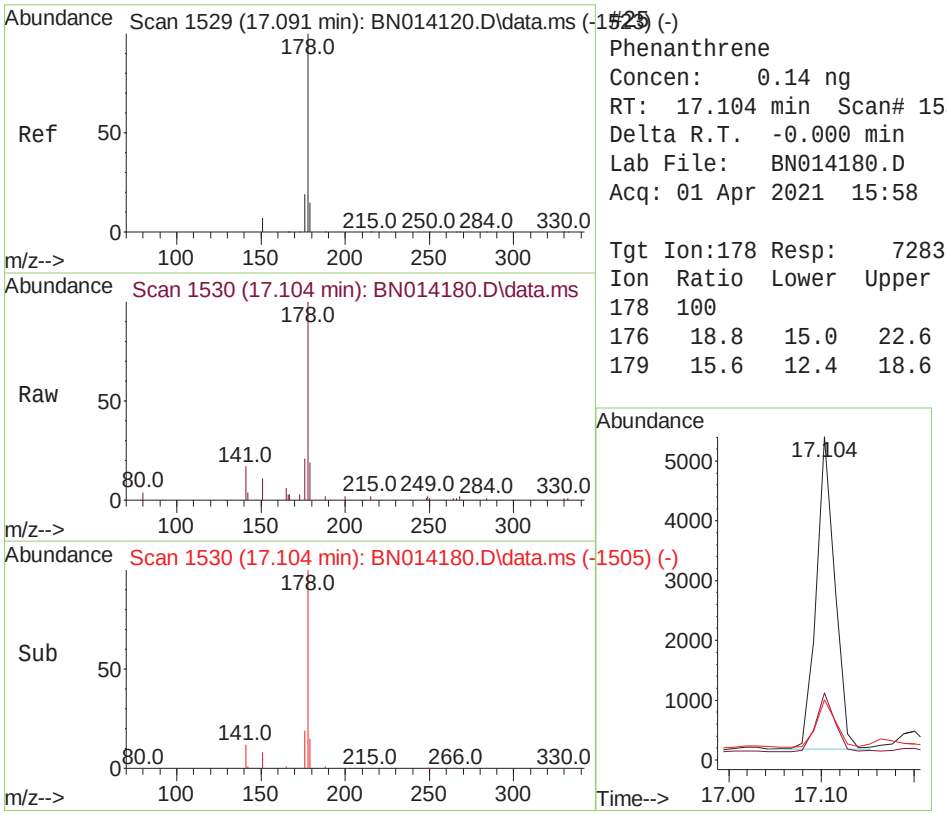
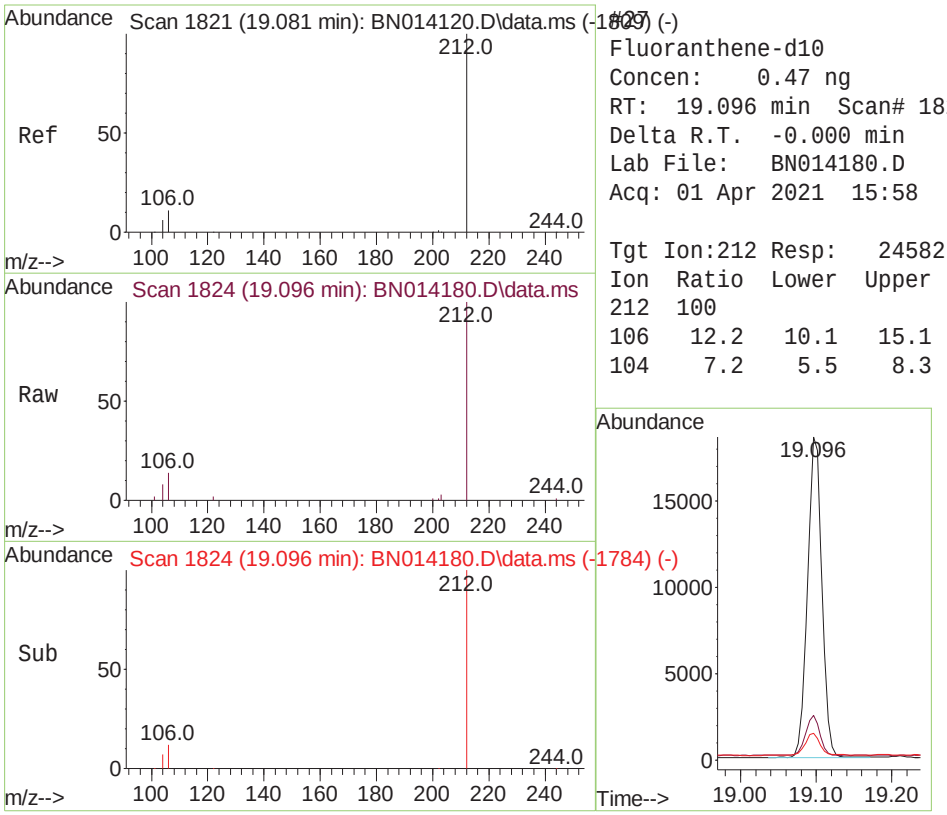


#23
Phenanthrene
Concen: 0.14 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:178 Resp: 7283

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.4	18.6

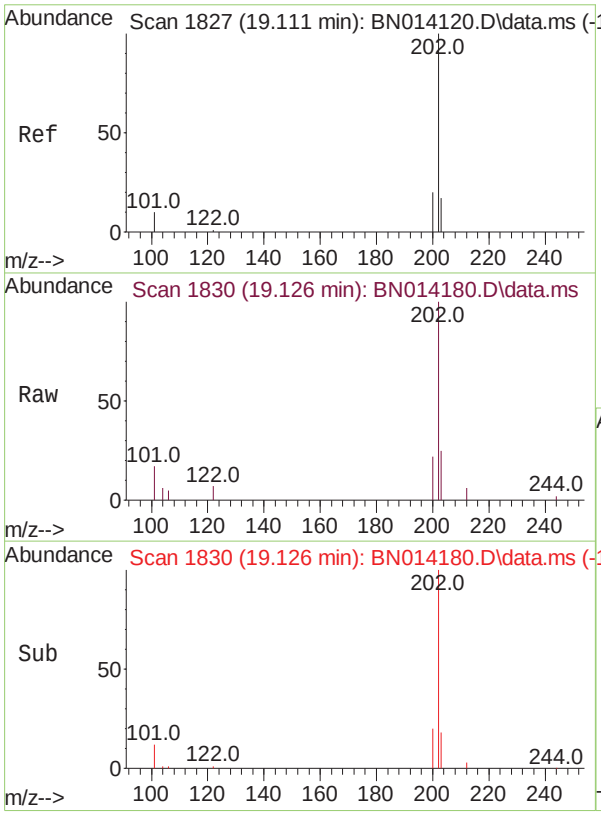


#27
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:212 Resp: 24582

Ion	Ratio	Lower	Upper
212	100		
106	12.2	10.1	15.1
104	7.2	5.5	8.3

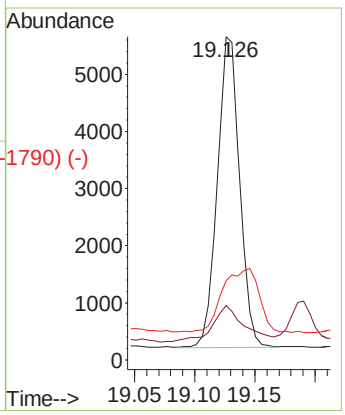
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

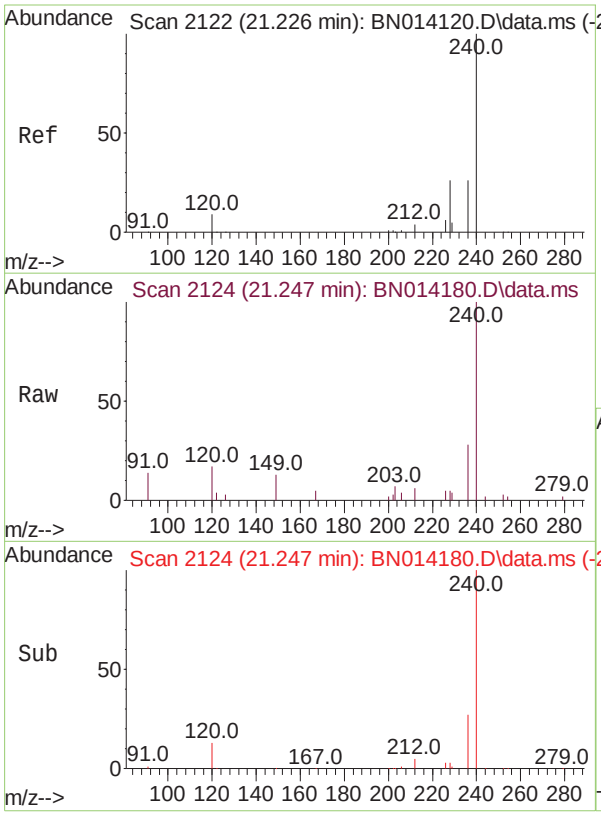


#28
Fluoranthene
Concen: 0.13 ng
RT: 19.126 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:202 Resp: 7056

Ion	Ratio	Lower	Upper
202	100		
101	17.3	8.8	13.2#
203	35.1	13.8	20.6#

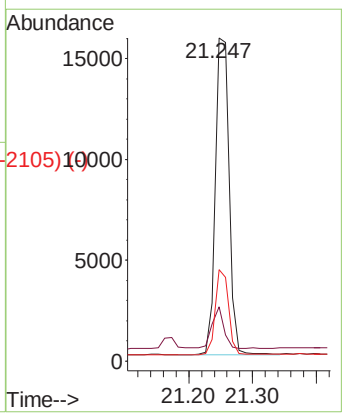




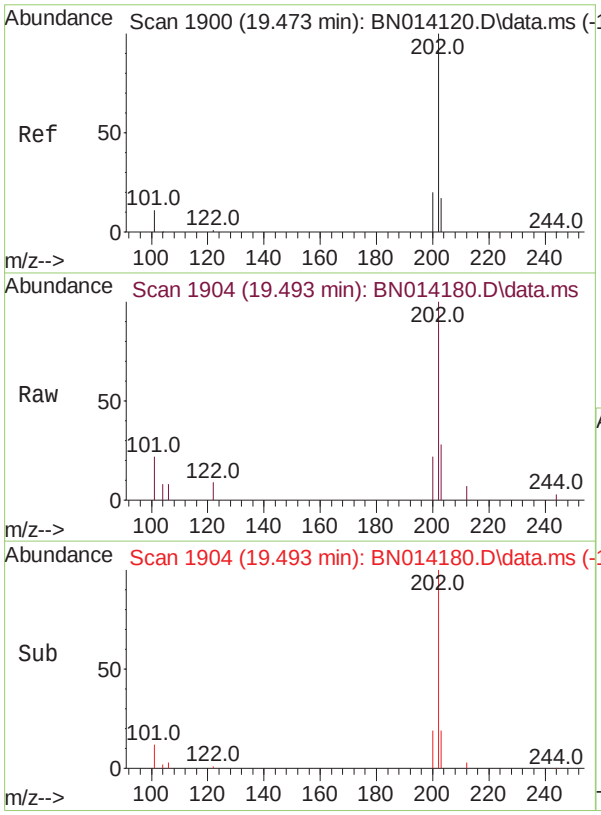
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:240 Resp: 23837

Ion	Ratio	Lower	Upper
240	100		
120	16.9	8.4	12.6#
236	28.3	21.0	31.6



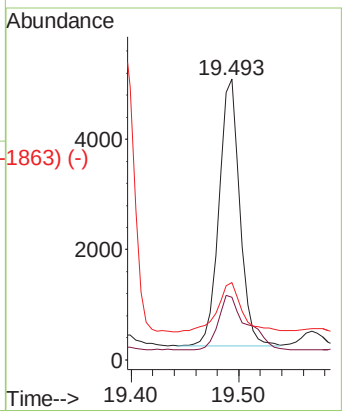
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

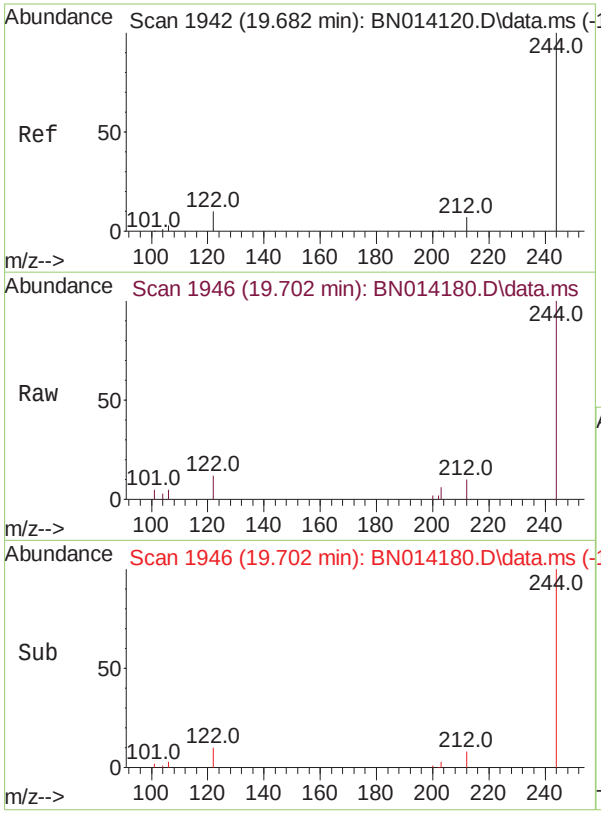


#30
Pyrene
Concen: 0.08 ng
RT: 19.493 min Scan# 1904
Delta R.T. 0.005 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:202 Resp: 6486

Ion	Ratio	Lower	Upper
202	100		
200	28.5	16.2	24.4#
203	22.1	13.9	20.9#

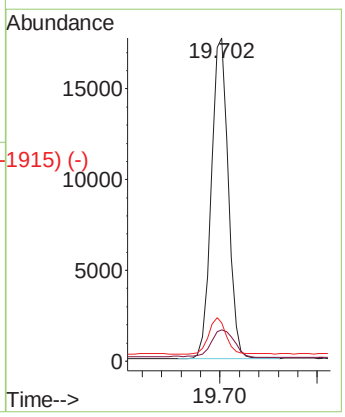




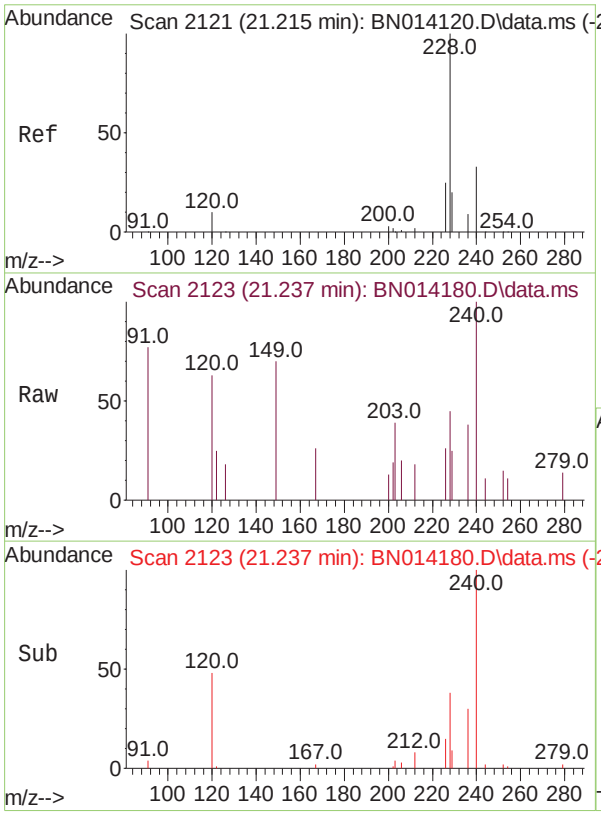
#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.702 min Scan# 1946
Delta R.T. 0.005 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:244 Resp: 21393

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.0	9.0#
122	11.8	8.6	13.0



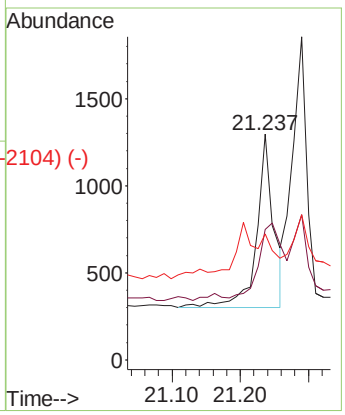
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

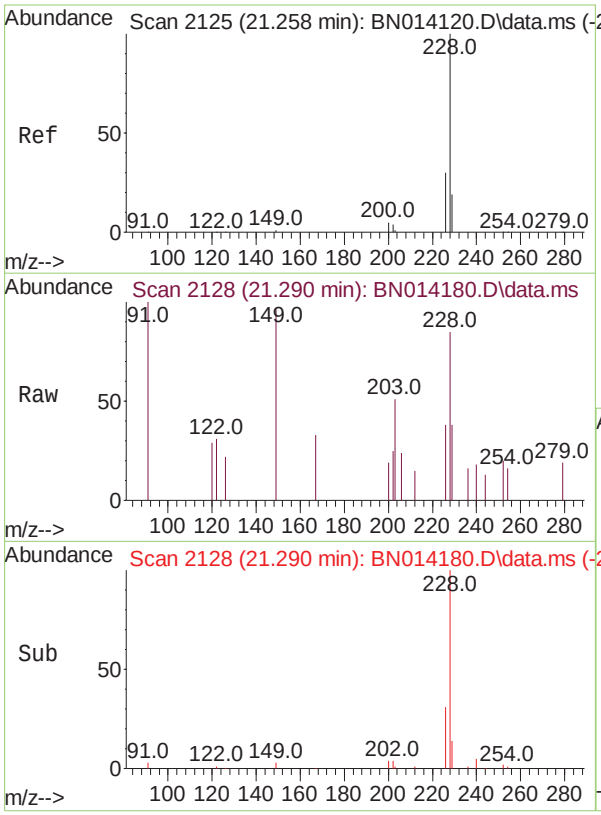


#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:228 Resp: 1743

Ion	Ratio	Lower	Upper
228	100		
226	57.7	20.6	31.0#
229	55.7	16.2	24.2#

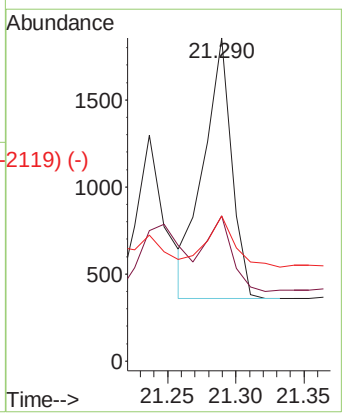




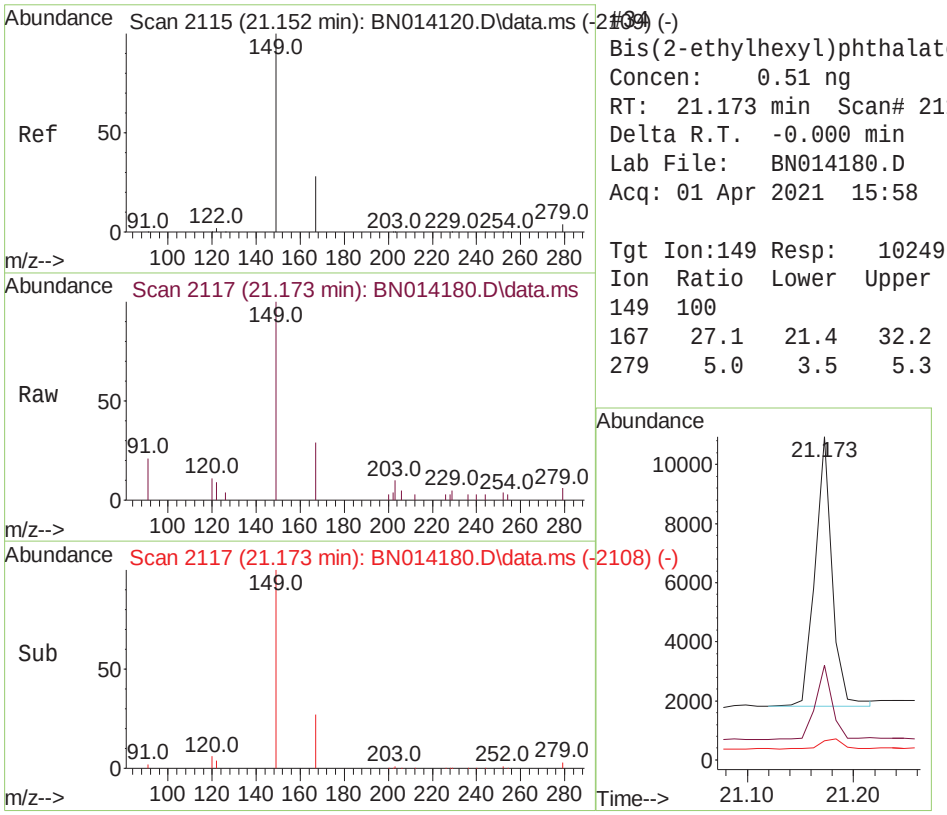
#33
Chrysene
Concen: 0.03 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:228 Resp: 2146

Ion	Ratio	Lower	Upper
228	100		
226	44.9	24.4	36.6#
229	44.9	15.5	23.3#



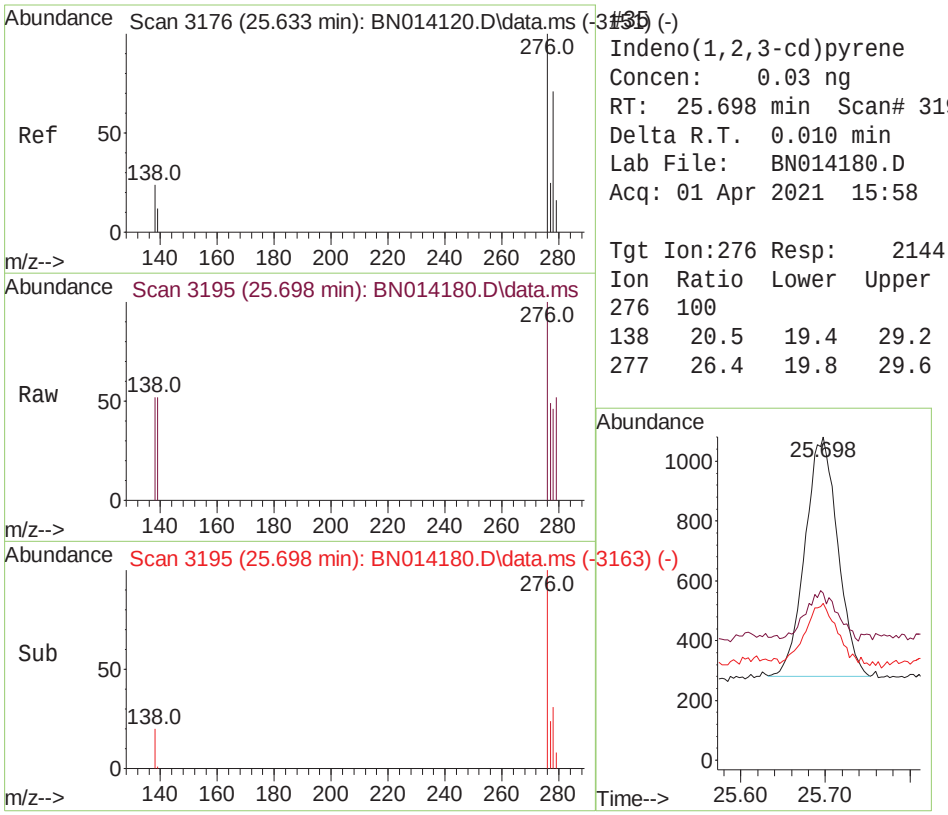
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.51 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:149 Resp: 10249

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	5.0	3.5	5.3

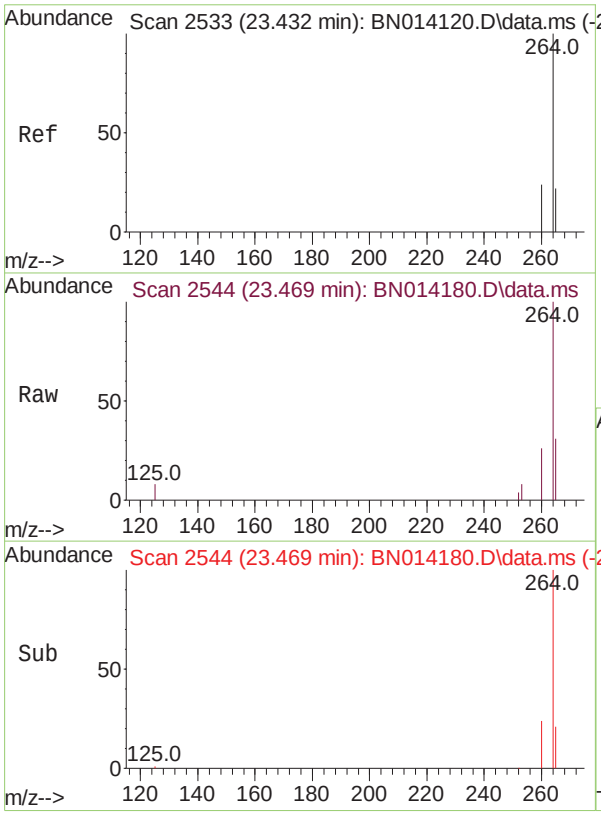


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.698 min Scan# 3195
Delta R.T. 0.010 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:276 Resp: 2144

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.4	29.2
277	26.4	19.8	29.6

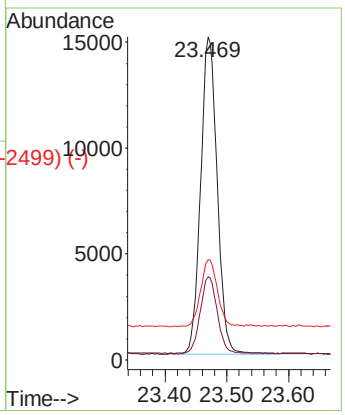
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

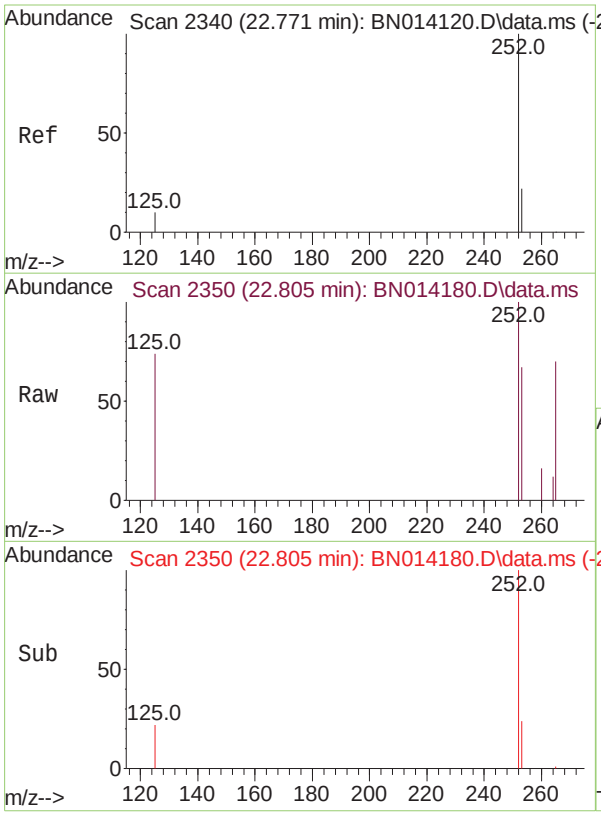


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.469 min Scan# 2544
Delta R.T. 0.003 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:264 Resp: 27856

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.8
265	31.1	30.7	46.1

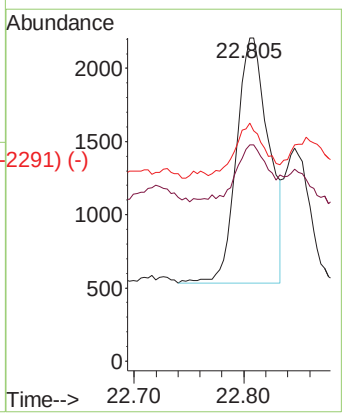




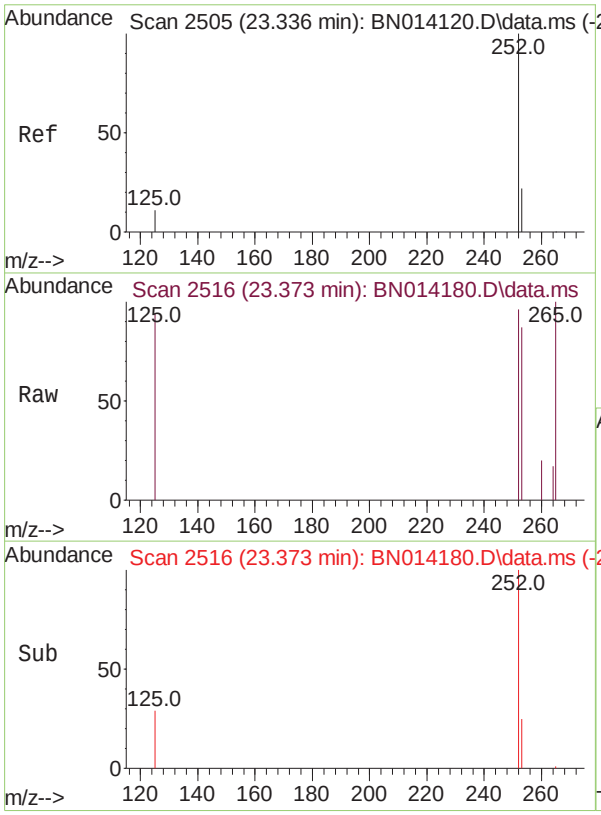
#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.805 min Scan# 2350
Delta R.T. 0.003 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:252 Resp: 3399

Ion	Ratio	Lower	Upper
252	100		
253	66.9	20.6	30.8#
125	73.6	9.4	14.2#



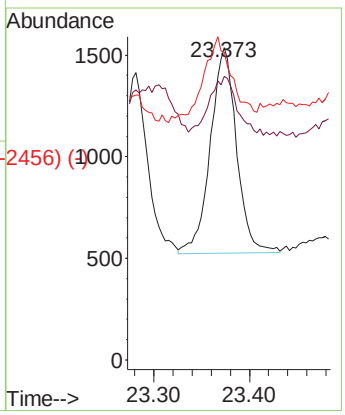
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

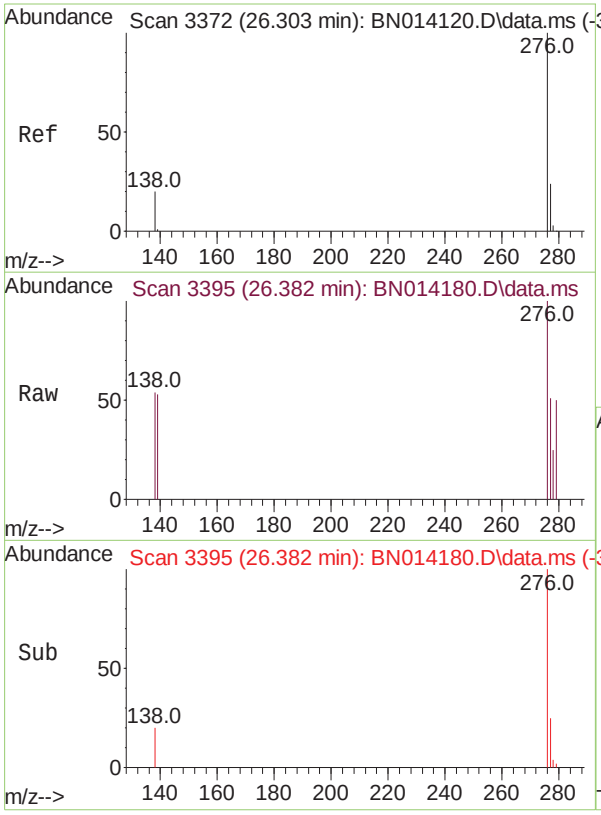


#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.373 min Scan# 2516
Delta R.T. 0.007 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:252 Resp: 1926

Ion	Ratio	Lower	Upper
252	100		
253	90.8	21.9	32.9#
125	98.5	10.8	16.2#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.382 min Scan# 3395
Delta R.T. 0.014 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:276 Resp: 2250

Ion	Ratio	Lower	Upper
276	100		
277	50.6	20.1	30.1#
138	54.1	17.0	25.4#