Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
Data File : BN014817.D
Acq On : 01 Jun 2021 17:30
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN060121

Quant Time: Jun 01 18:09:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 01 17:40:45 2021
Response via : Initial Calibration

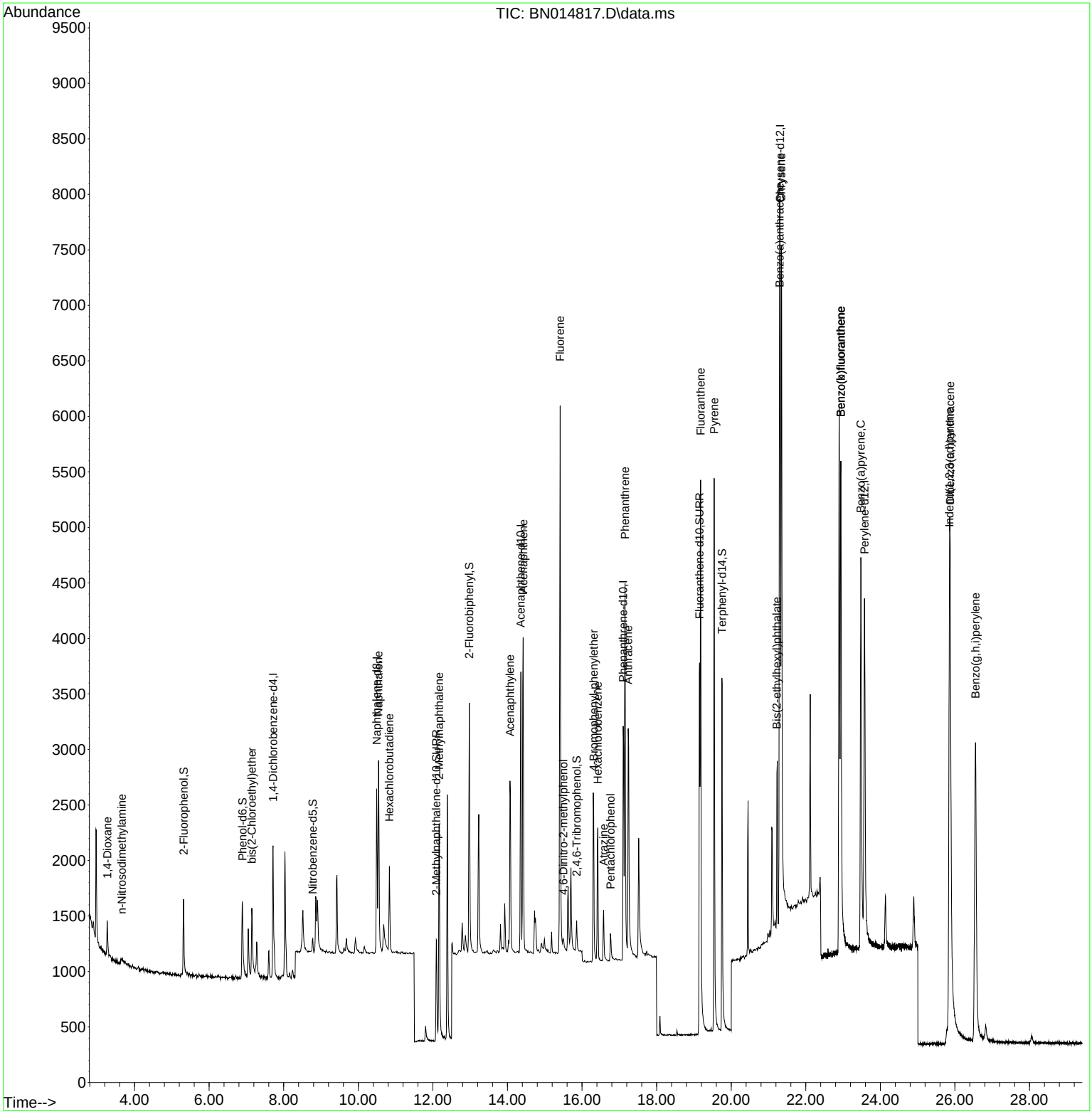
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	618	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2144	0.40	ng		0.00
13) Acenaphthene-d10	14.359	164	1499	0.40	ng		0.01
19) Phenanthrene-d10	17.104	188	3687	0.40	ng	#	0.00
29) Chrysene-d12	21.311	240	4893	0.40	ng	#	0.00
35) Perylene-d12	23.576	264	4944	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	697	0.43	ng		0.00
5) Phenol-d6	6.895	99	849	0.40	ng		0.00
8) Nitrobenzene-d5	8.781	82	132	0.07	ng		-0.08
11) 2-Methylnaphthalene-d10	12.093	152	1506	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	285	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	2187	0.40	ng		0.00
27) Fluoranthene-d10	19.151	212	4806	0.35	ng		0.00
31) Terphenyl-d14	19.752	244	4379	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	352	0.34	ng	#	88
3) n-Nitrosodimethylamine	3.658	42	52	0.29	ng	#	1
6) bis(2-Chloroethyl)ether	7.145	93	678	0.39	ng		95
9) Naphthalene	10.543	128	2319	0.39	ng		96
10) Hexachlorobutadiene	10.835	225	648	0.40	ng	#	94
12) 2-Methylnaphthalene	12.169	142	1583	0.38	ng		98
16) Acenaphthylene	14.067	152	2100	0.37	ng		97
17) Acenaphthene	14.422	154	1644	0.39	ng		98
18) Fluorene	15.412	166	2196	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	123	0.41	ng	#	81
21) 4-Bromophenyl-phenylether	16.313	248	896	0.37	ng		90
22) Hexachlorobenzene	16.422	284	1097	0.38	ng		98
23) Atrazine	16.580	200	491	0.32	ng		99
24) Pentachlorophenol	16.763	266	174	0.42	ng	#	87
25) Phenanthrene	17.152	178	3922	0.38	ng		99
26) Anthracene	17.238	178	2984	0.35	ng		97
28) Fluoranthene	19.181	202	5118	0.36	ng		99
30) Pyrene	19.543	202	5181	0.37	ng		99
32) Benzo(a)anthracene	21.300	228	4989	0.36	ng		99
33) Chrysene	21.343	228	6364	0.38	ng		97
34) Bis(2-ethylhexyl)phtha...	21.226	149	1471	0.38	ng		99
36) Indeno(1,2,3-cd)pyrene	25.852	276	7485	0.37	ng		98
37) Benzo(b)fluoranthene	22.939	252	7084	0.39	ng		100
38) Benzo(k)fluoranthene	22.939	252	7084	0.37	ng		98
39) Benzo(a)pyrene	23.476	252	6101	0.39	ng	#	90
40) Dibenzo(a,h)anthracene	25.872	278	6132	0.36	ng		99
41) Benzo(g,h,i)perylene	26.550	276	6860	0.37	ng		100

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

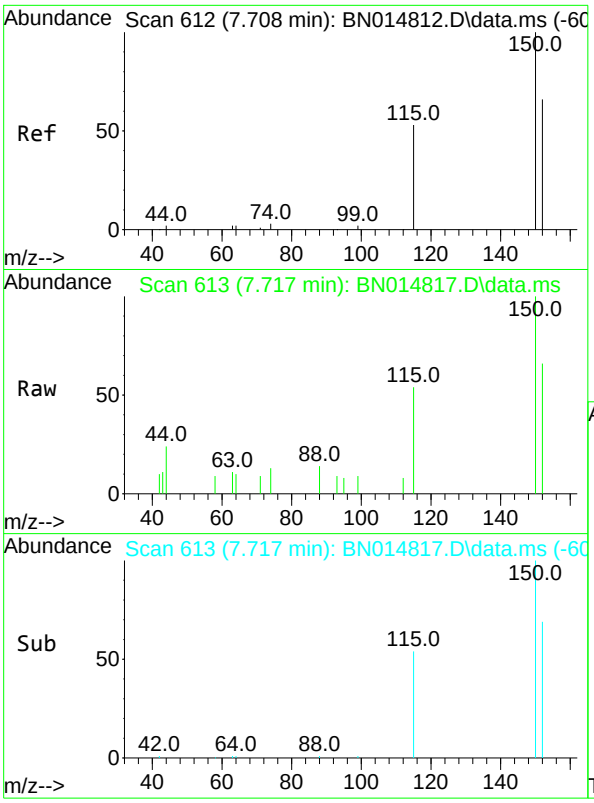
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
Data File : BN014817.D
Acq On : 01 Jun 2021 17:30
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN060121

Quant Time: Jun 01 18:09:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 01 17:40:45 2021
Response via : Initial Calibration



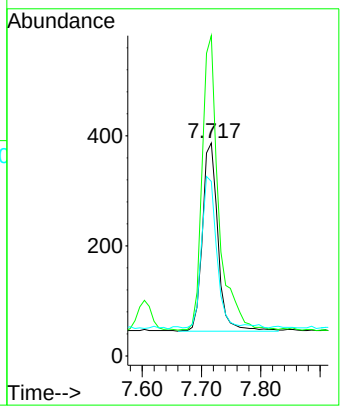
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

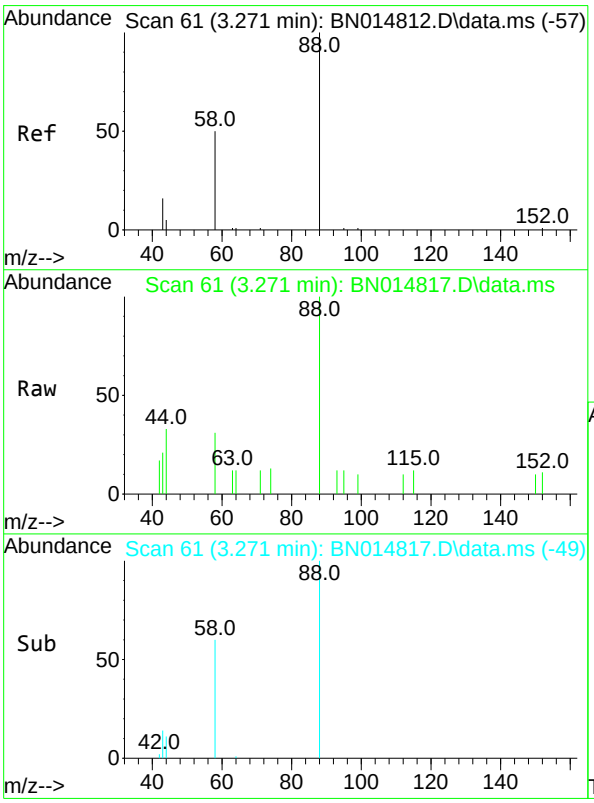


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.717 min Scan# 613
Delta R.T. 0.009 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:152 Resp: 618

Ion	Ratio	Lower	Upper
152	100		
150	150.4	123.4	185.2
115	81.9	73.2	109.8

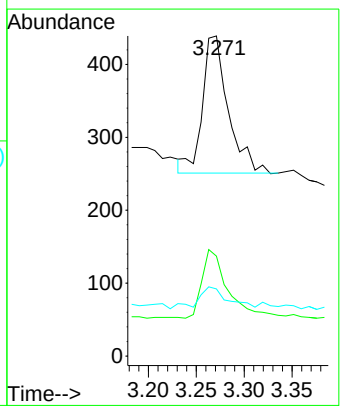




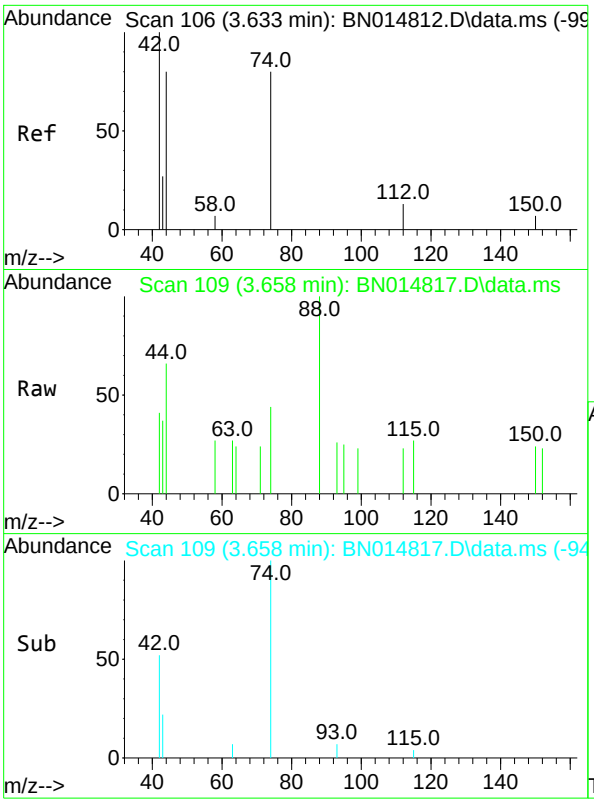
#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.271 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion: 88 Resp: 352

Ion	Ratio	Lower	Upper
88	100		
58	48.9	44.7	67.1
43	18.2	21.0	31.6#



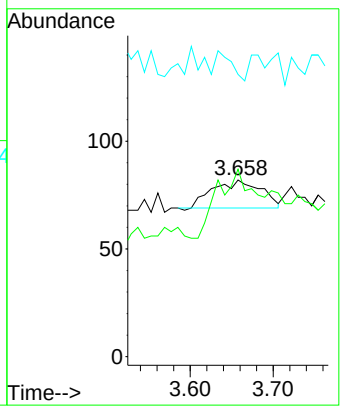
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

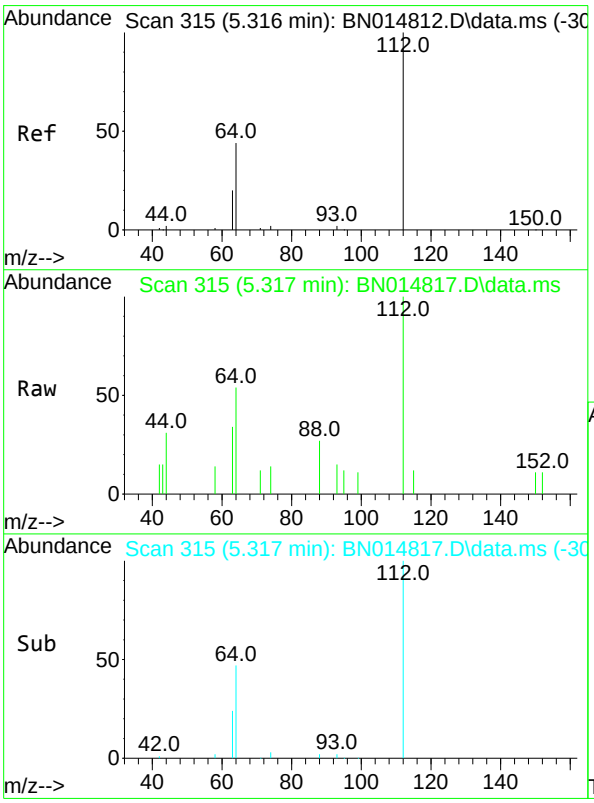


#3
n-Nitrosodimethylamine
Concen: 0.29 ng
RT: 3.658 min Scan# 109
Delta R.T. 0.024 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion: 42 Resp: 52

Ion	Ratio	Lower	Upper
42	100		
74	196.2	0.0	0.0#
44	0.0	80.0	120.0#

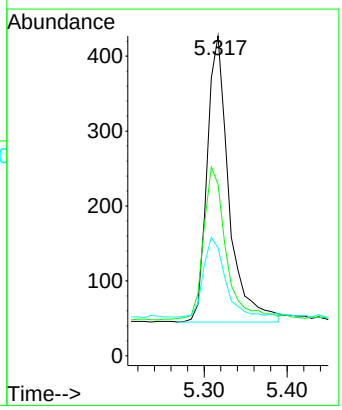




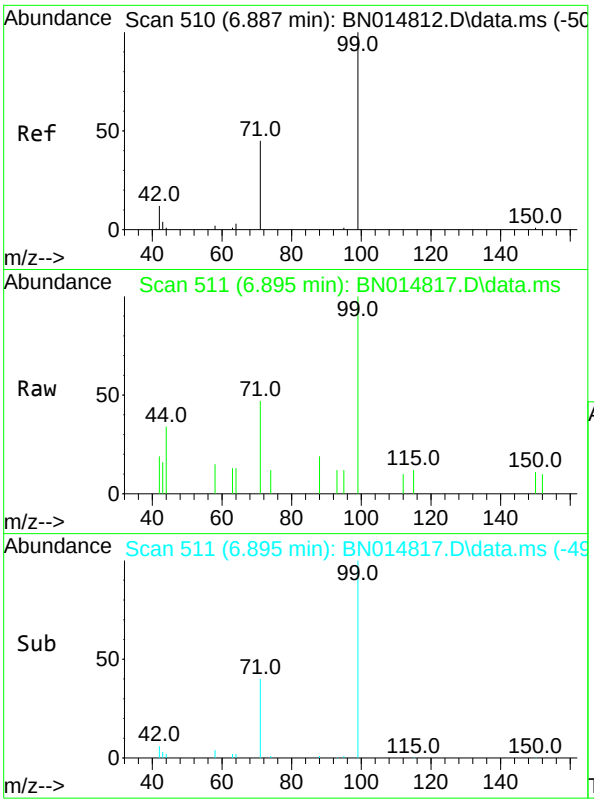
#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:112 Resp: 697

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.6	65.4
63	27.4	25.0	37.6



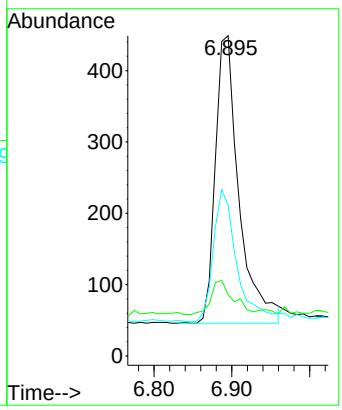
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

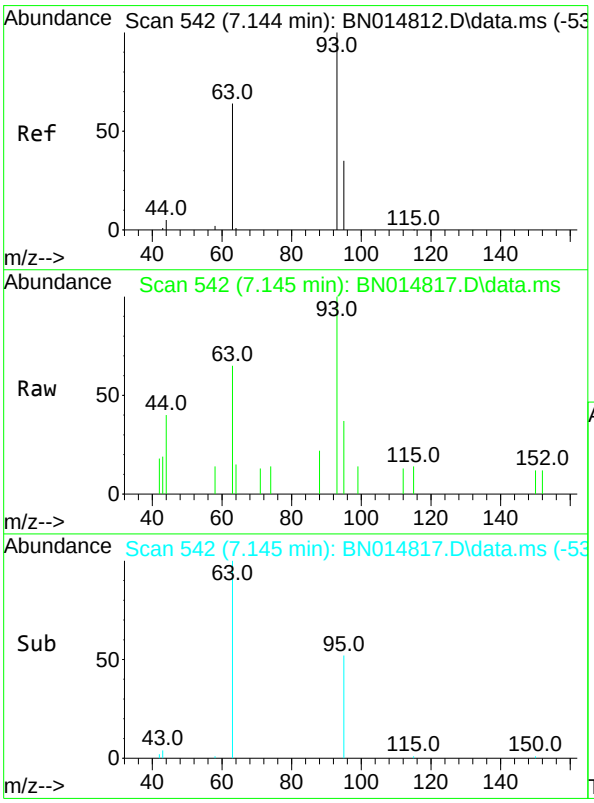


#5
Phenol-d6
Concen: 0.40 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.008 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion: 99 Resp: 849

Ion	Ratio	Lower	Upper
99	100		
42	11.1	10.2	15.2
71	45.0	32.4	48.6

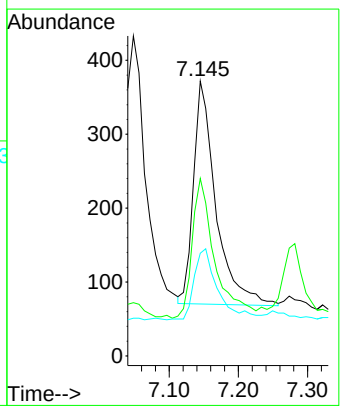




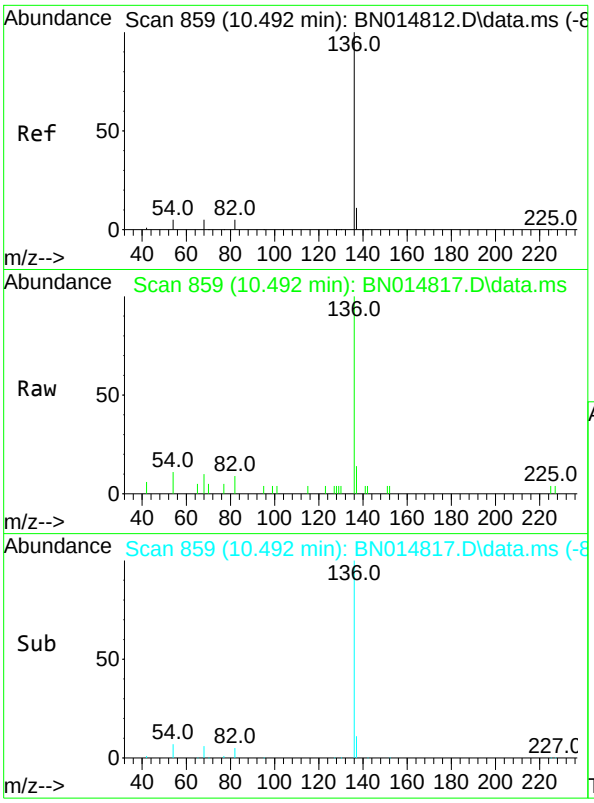
#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.145 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion: 93 Resp: 678

Ion	Ratio	Lower	Upper
93	100		
63	63.6	47.5	71.3
95	33.5	28.5	42.7



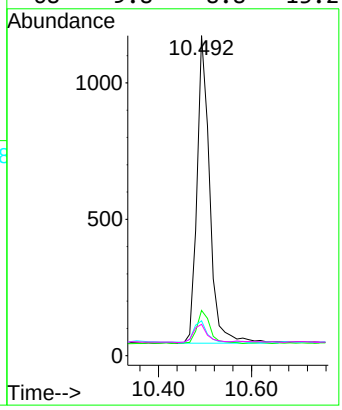
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

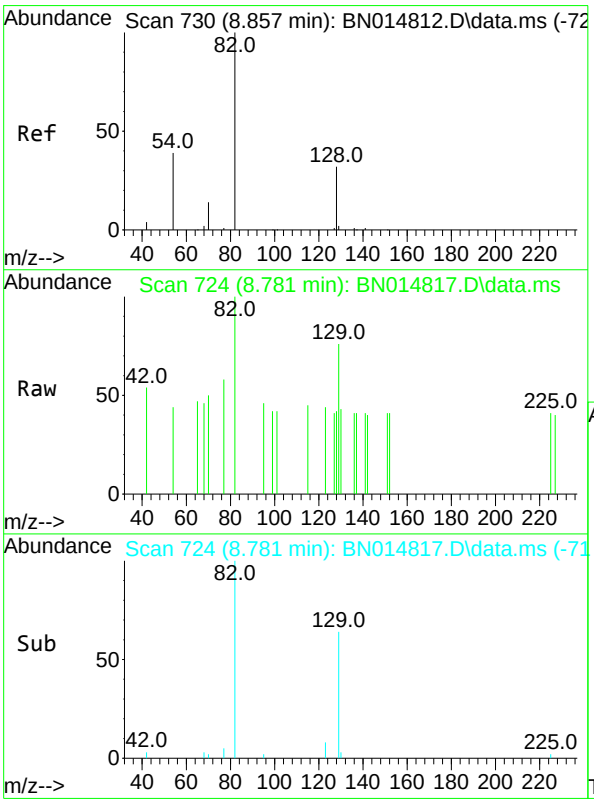


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:136 Resp: 2144

Ion	Ratio	Lower	Upper
136	100		
137	14.2	13.2	19.8
54	10.9	9.0	13.4
68	9.8	8.8	13.2

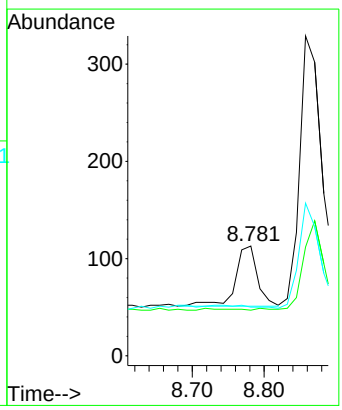




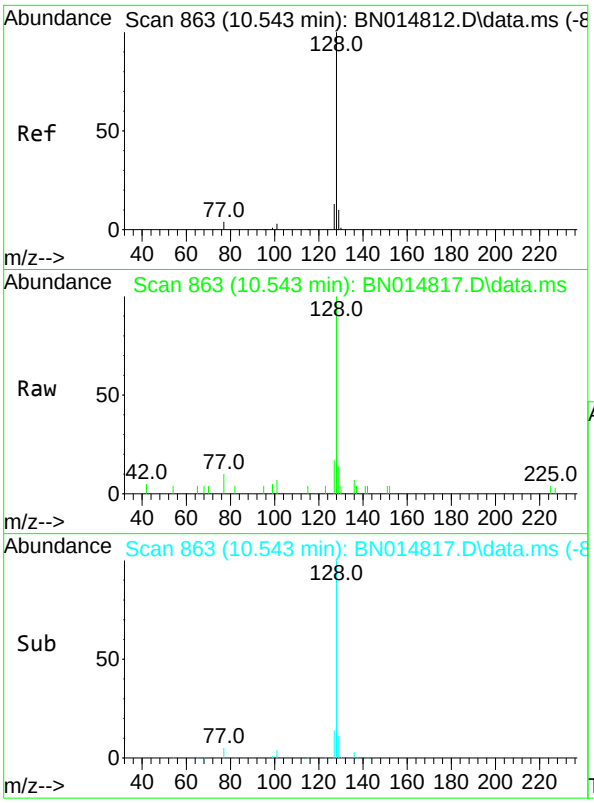
#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.781 min Scan# 724
Delta R.T. -0.076 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion: 82 Resp: 132

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	44.2	38.4	57.6



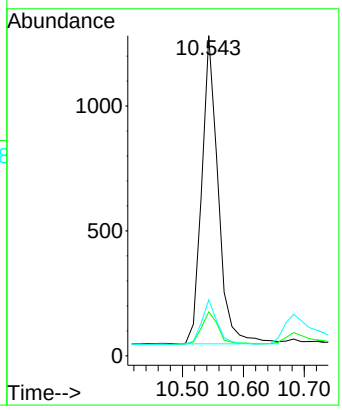
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

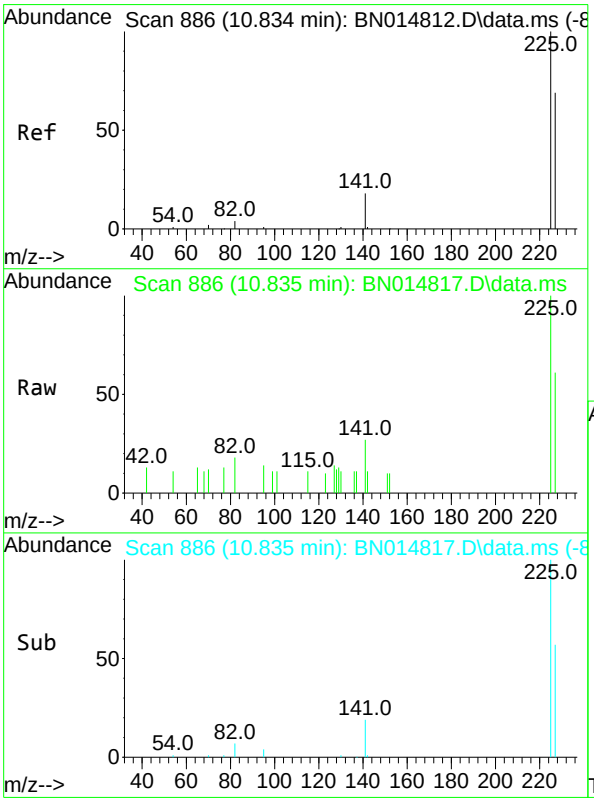


#9
Naphthalene
Concen: 0.39 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:128 Resp: 2319

Ion	Ratio	Lower	Upper
128	100		
129	13.7	13.0	19.4
127	17.5	15.0	22.6

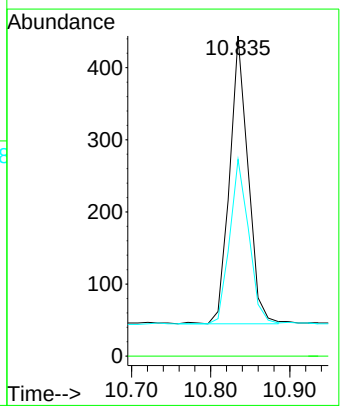




#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.835 min Scan# 886
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:225 Resp: 648

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	59.0	50.8	76.2



Instrument :
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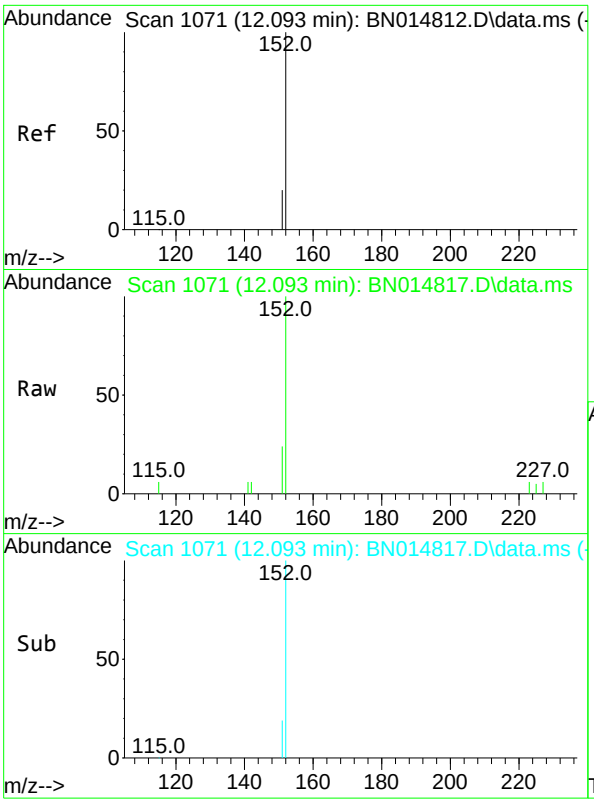
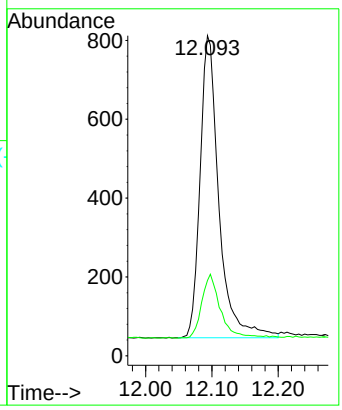
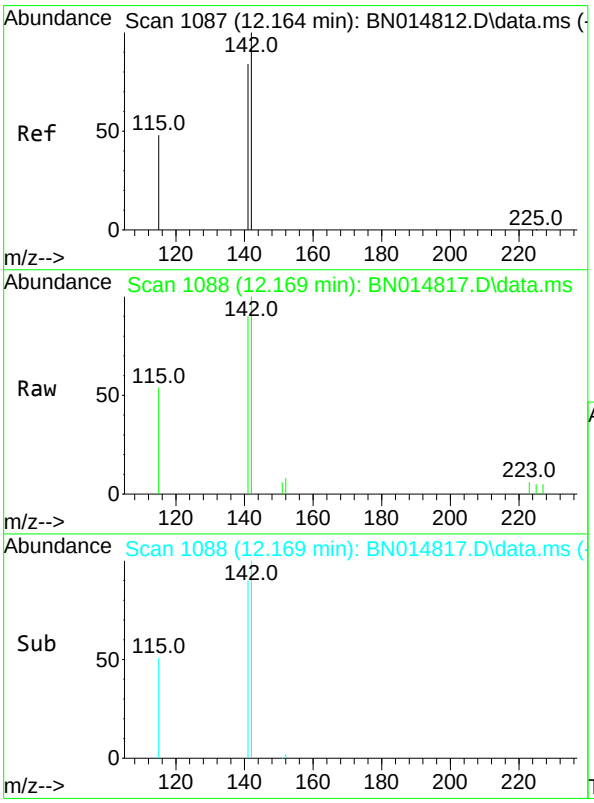


#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:152 Resp: 1506

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2

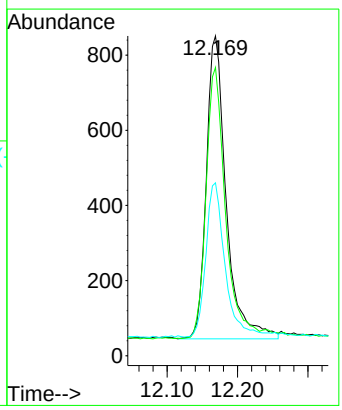




#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.169 min Scan# 1088
Delta R.T. 0.005 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:142 Resp: 1583

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.9	109.3
115	54.1	41.8	62.6



Instrument :
BNA_N
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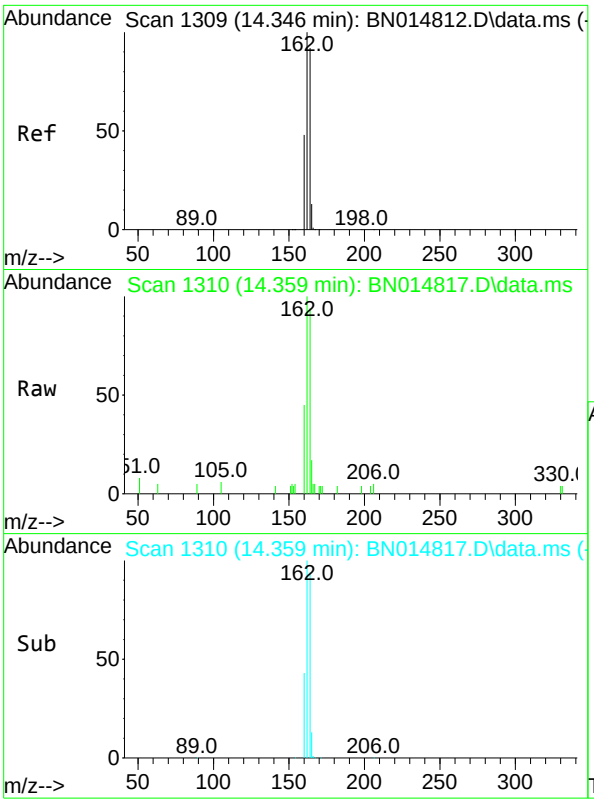
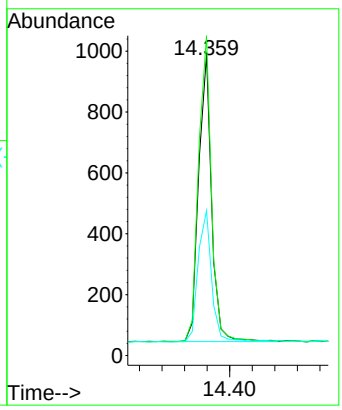
ICVBN060121

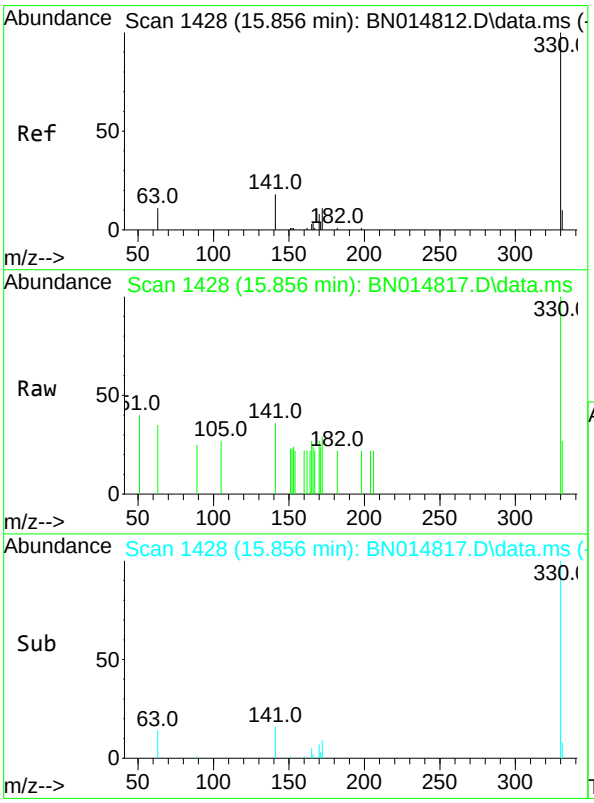


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.013 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:164 Resp: 1499

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.2	124.8
160	48.2	41.8	62.6

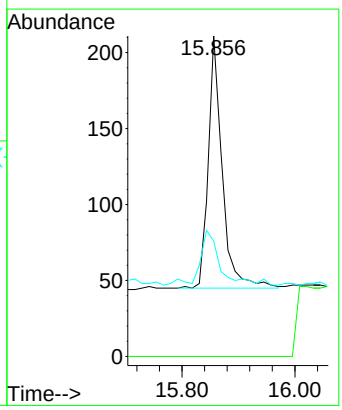




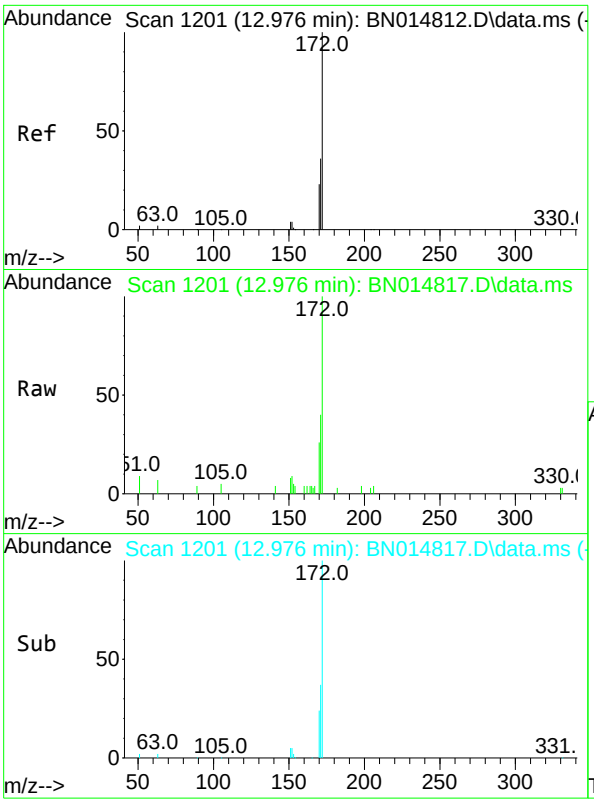
#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.856 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:330 Resp: 285

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.8	21.8	32.6



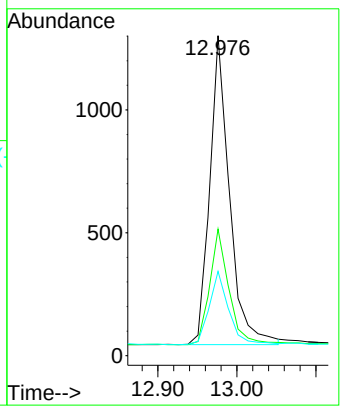
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

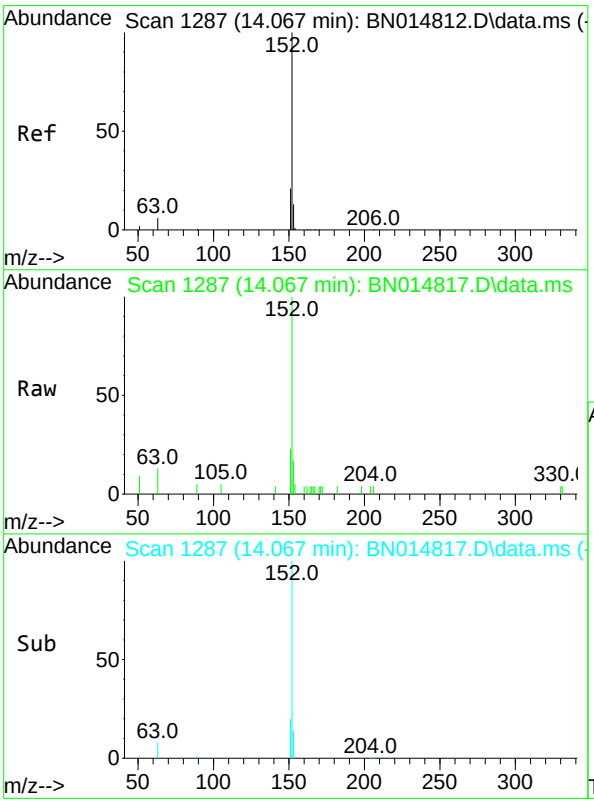


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:172 Resp: 2187

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.9	46.3
170	26.3	21.4	32.0

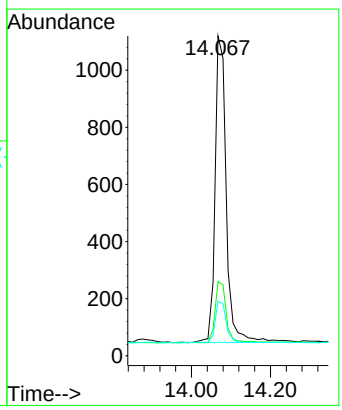




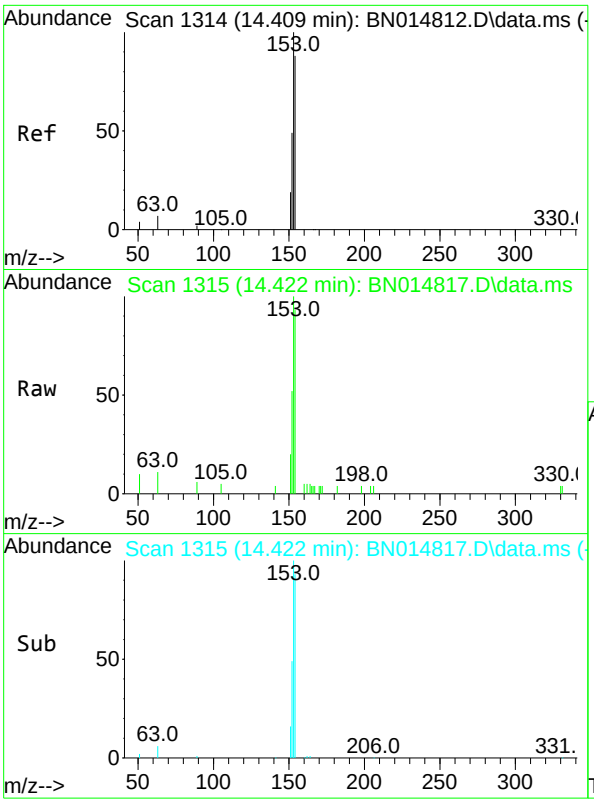
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.067 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:152 Resp: 2100

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	14.0	9.9	14.9



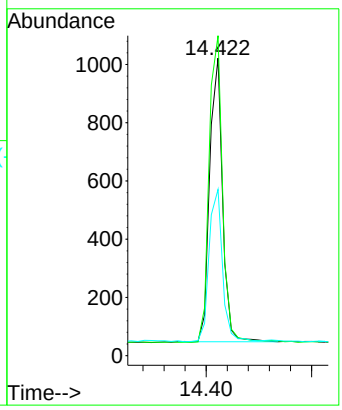
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

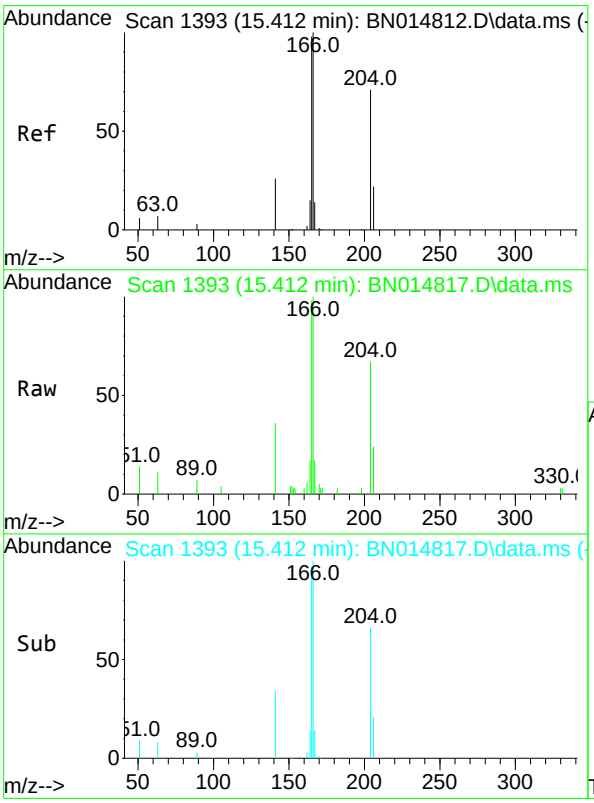


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.422 min Scan# 1315
Delta R.T. 0.013 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:154 Resp: 1644

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.8	137.8
152	56.1	46.0	69.0

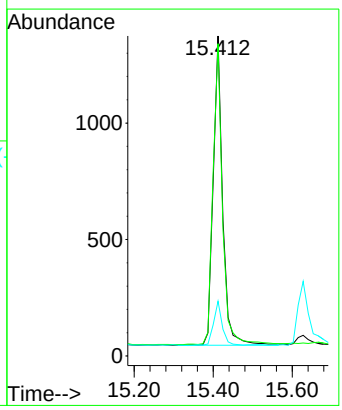




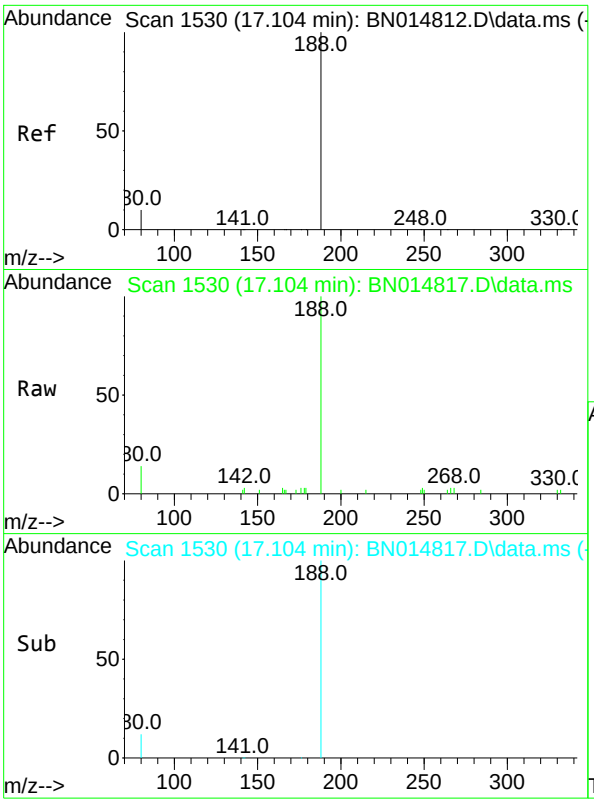
#18
Fluorene
Concen: 0.38 ng
RT: 15.412 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:166 Resp: 2196

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	13.4	10.5	15.7



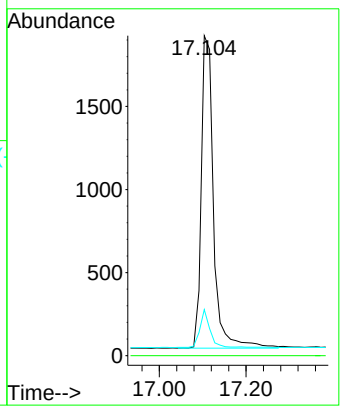
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

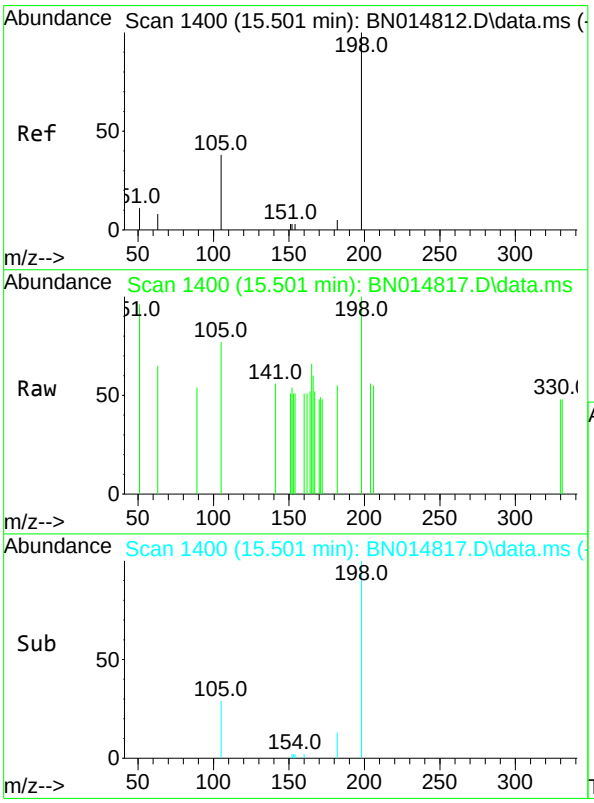


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:188 Resp: 3687

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	8.2	12.4#

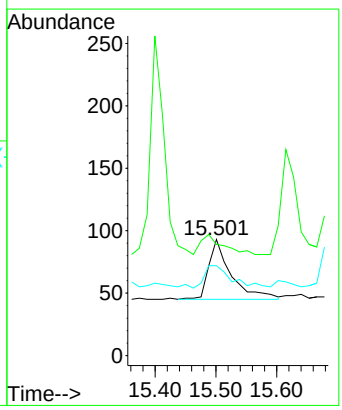




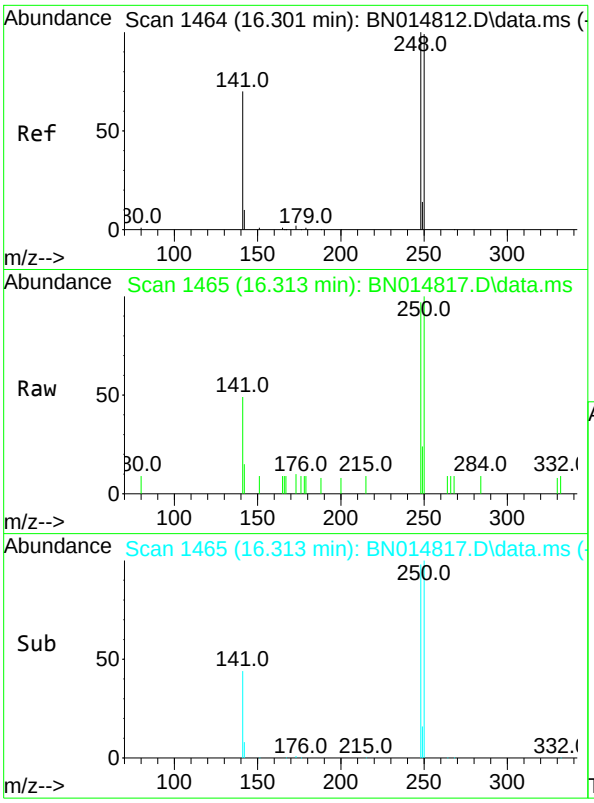
#20
4,6-Dinitro-2-methylphenol
Concen: 0.41 ng
RT: 15.501 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	95.7	96.4	144.6#
105	77.4	72.3	108.5



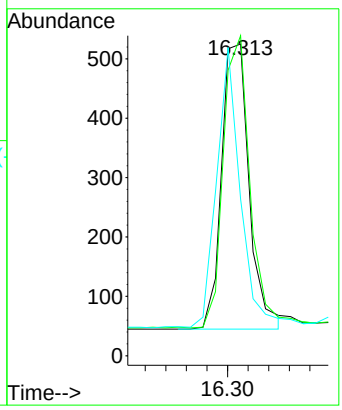
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

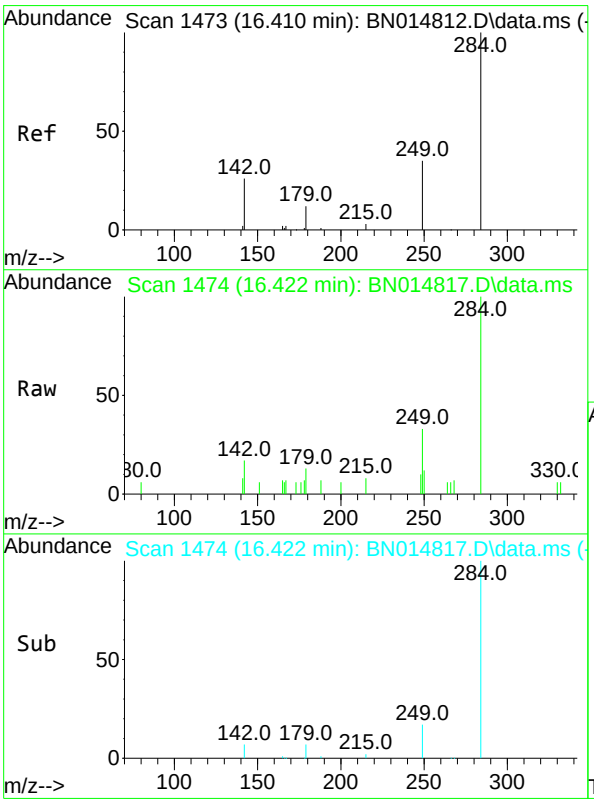


#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.313 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:248 Resp: 896

Ion	Ratio	Lower	Upper
248	100		
250	102.7	77.5	116.3
141	50.3	50.2	75.4

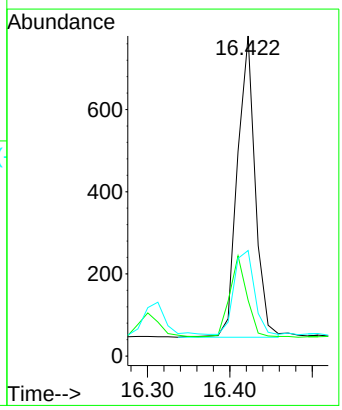




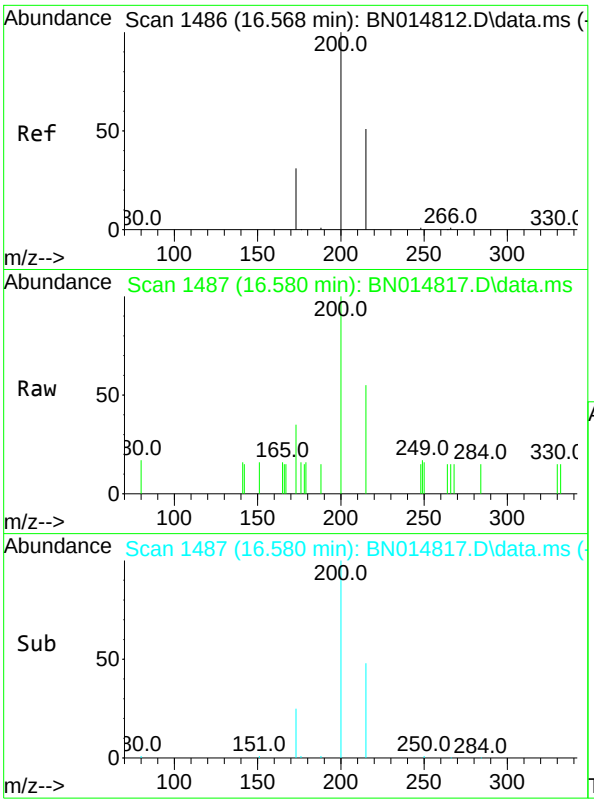
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.422 min Scan# 1474
Delta R.T. 0.012 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:284 Resp: 1097

Ion	Ratio	Lower	Upper
284	100		
142	26.0	20.3	30.5
249	31.6	26.4	39.6



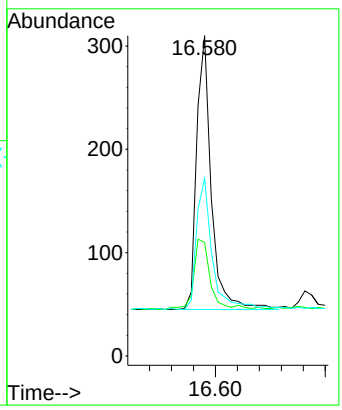
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

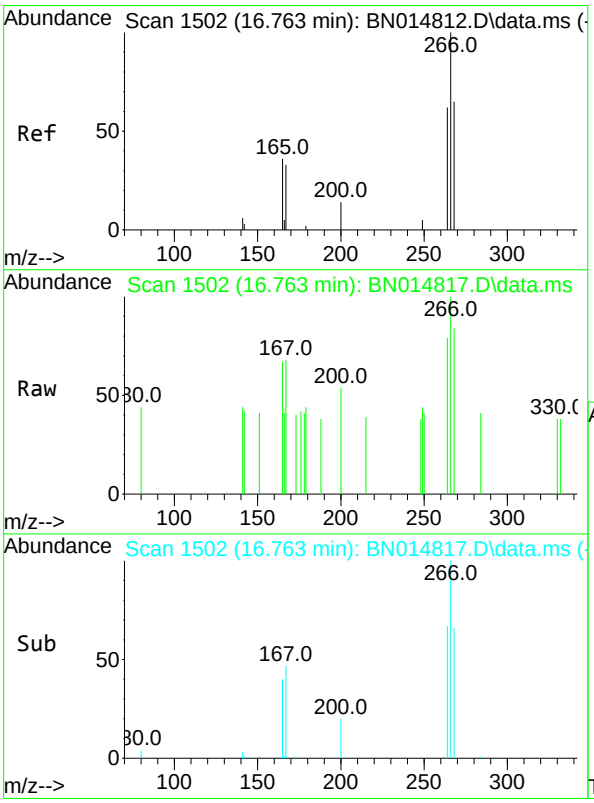


#23
Atrazine
Concen: 0.32 ng
RT: 16.580 min Scan# 1487
Delta R.T. 0.012 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:200 Resp: 491

Ion	Ratio	Lower	Upper
200	100		
173	35.5	29.1	43.7
215	55.5	45.1	67.7

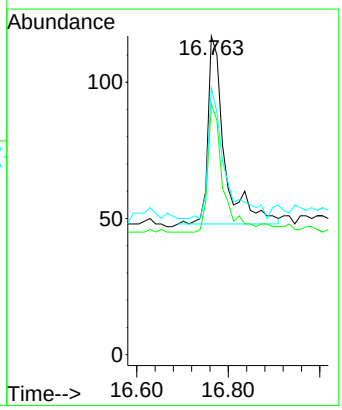




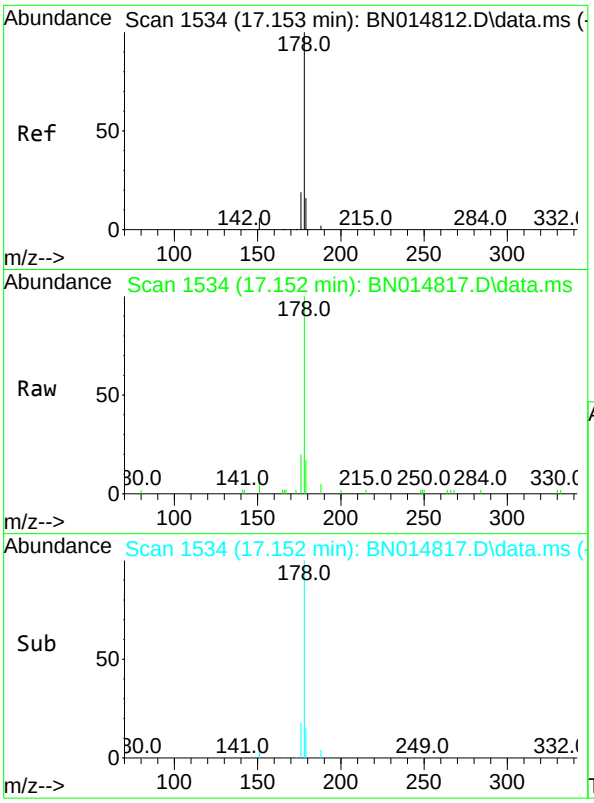
#24
Pentachlorophenol
Concen: 0.42 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:266 Resp: 174

Ion	Ratio	Lower	Upper
266	100		
264	60.9	44.2	66.2
268	69.0	44.2	66.2#



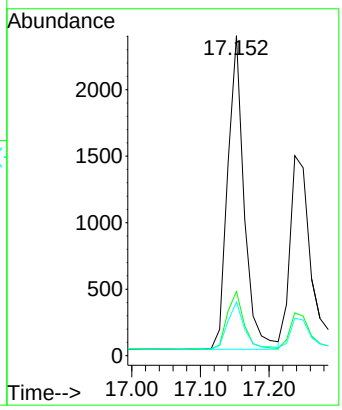
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

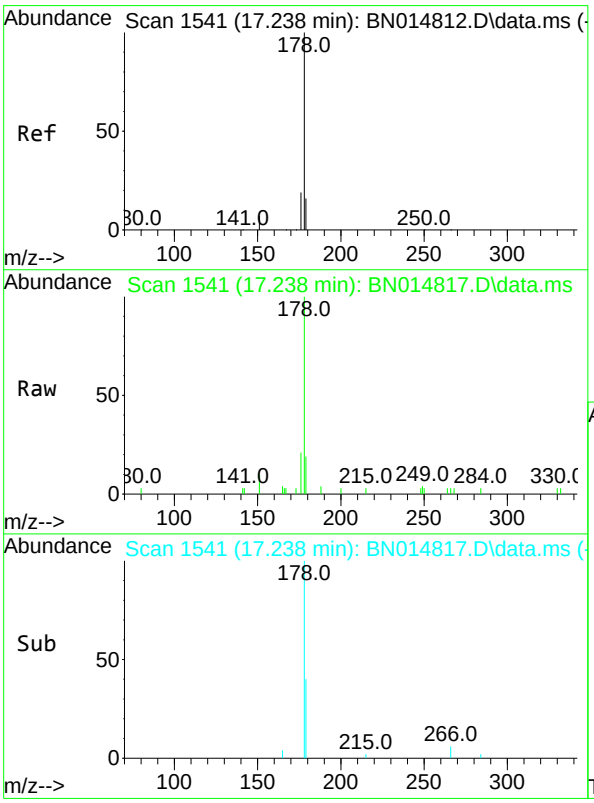


#25
Phenanthrene
Concen: 0.38 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:178 Resp: 3922

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.7	12.6	19.0

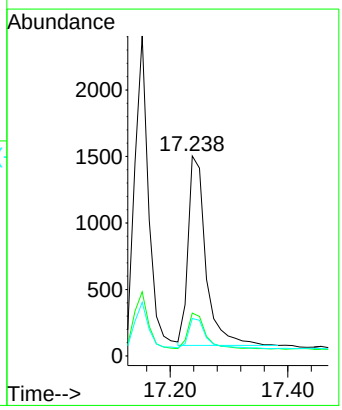




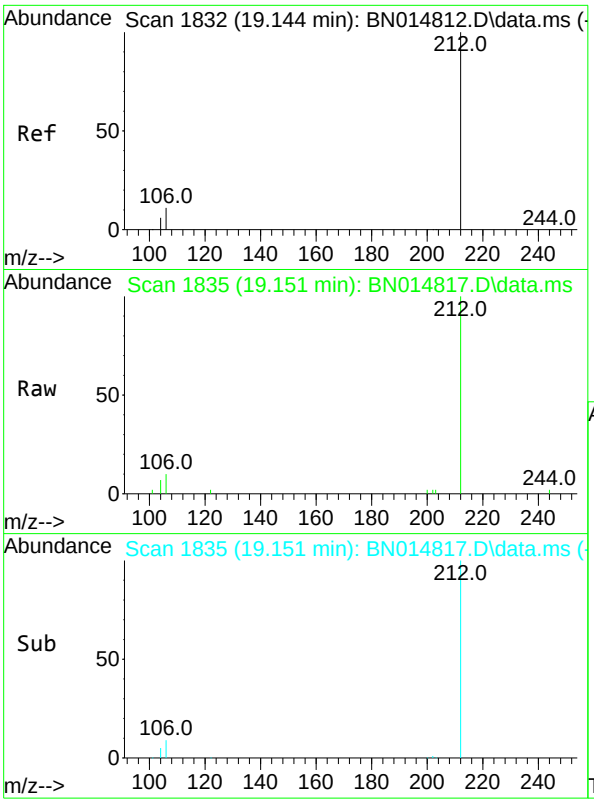
#26
Anthracene
Concen: 0.35 ng
RT: 17.238 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:178 Resp: 2984

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.2	21.2
179	16.0	13.7	20.5



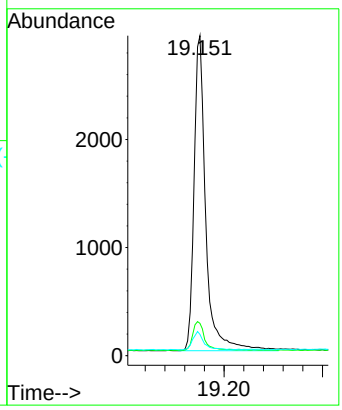
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

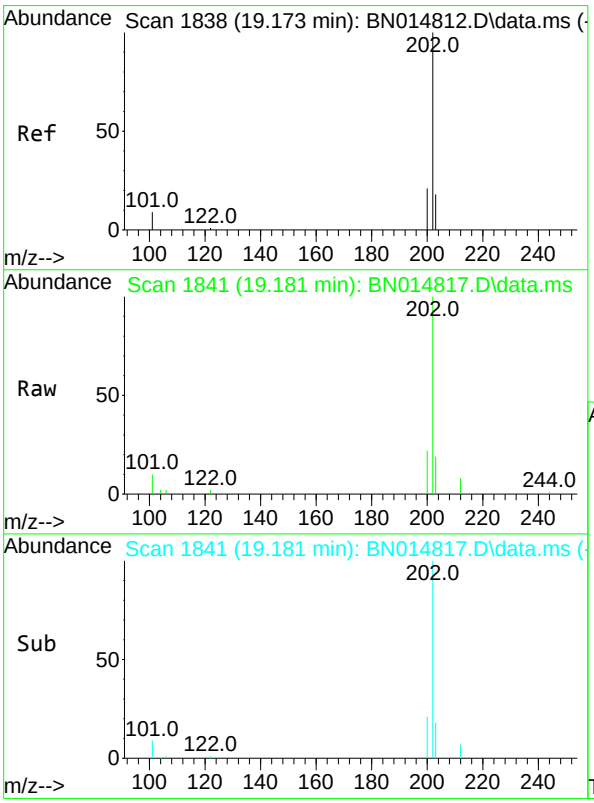


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.151 min Scan# 1835
Delta R.T. 0.007 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:212 Resp: 4806

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.4	11.2
104	5.4	4.1	6.1

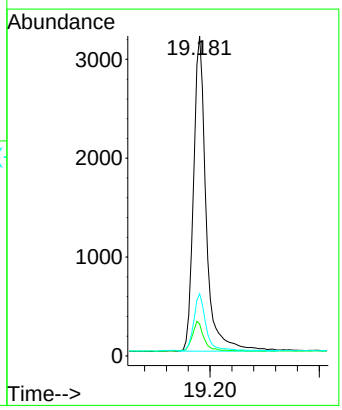




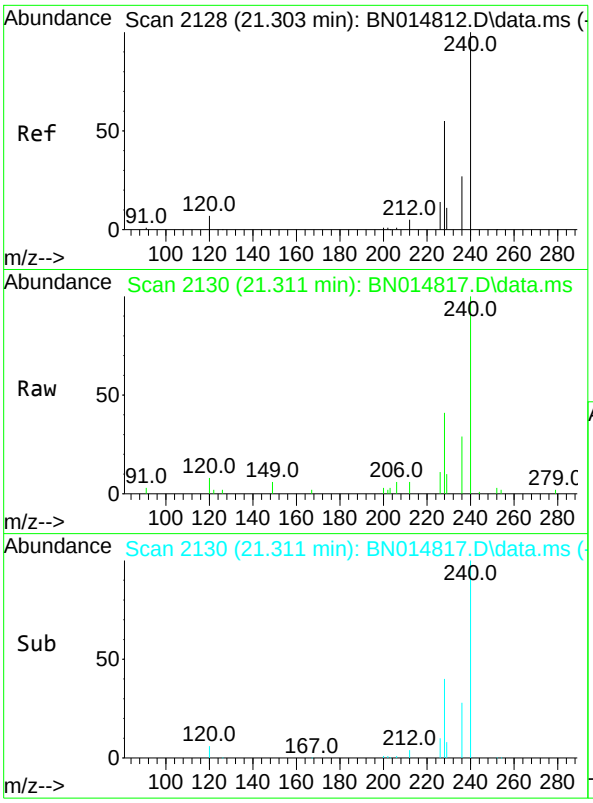
#28
Fluoranthene
Concen: 0.36 ng
RT: 19.181 min Scan# 1841
Delta R.T. 0.007 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:202 Resp: 5118

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.6
203	17.3	13.5	20.3



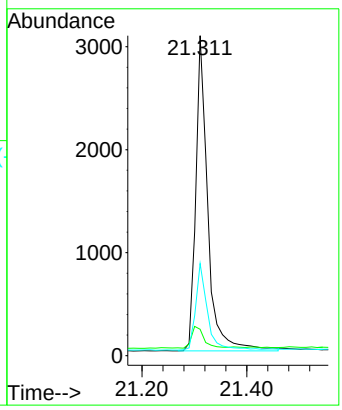
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

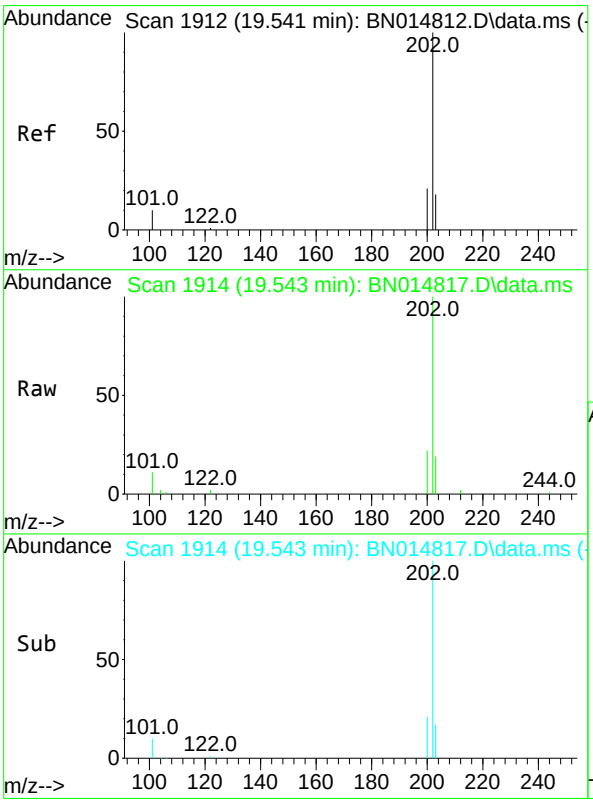


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. 0.008 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:240 Resp: 4893

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.2	7.8#
236	28.8	21.6	32.4

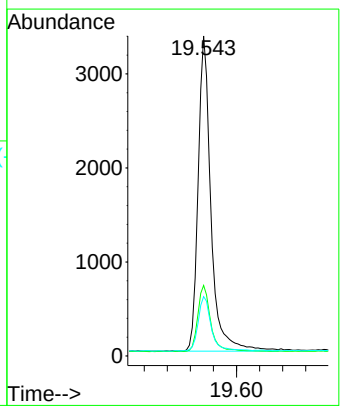




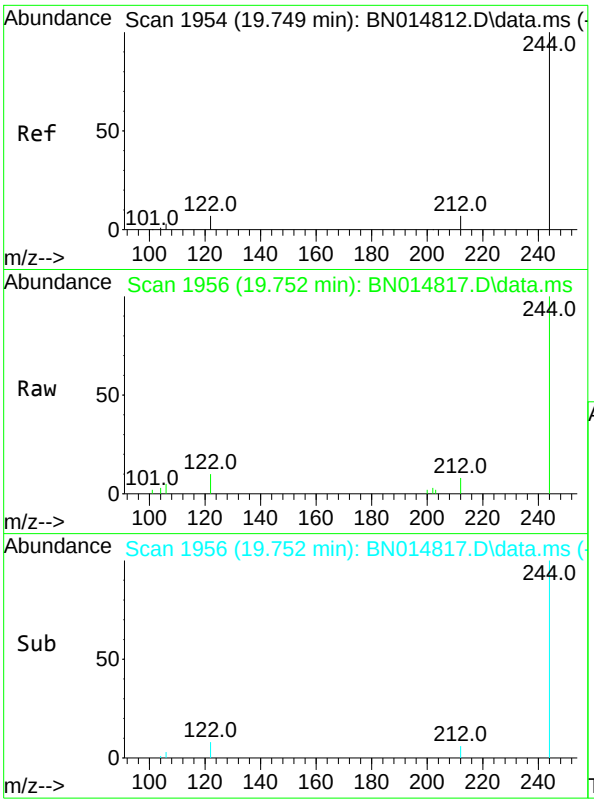
#30
Pyrene
Concen: 0.37 ng
RT: 19.543 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:202 Resp: 5181

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.5	13.9	20.9



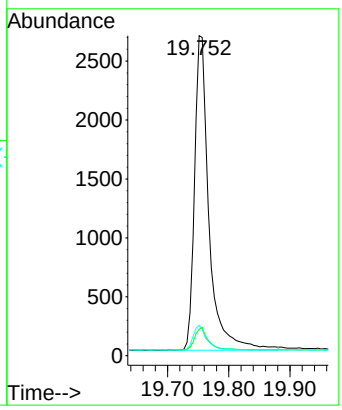
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

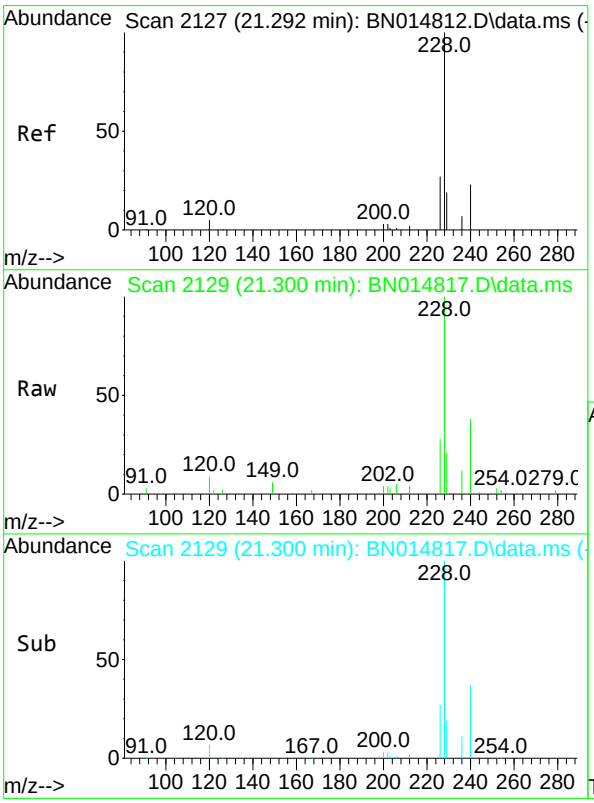


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.752 min Scan# 1956
Delta R.T. 0.002 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:244 Resp: 4379

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.8	10.2
122	9.5	6.6	9.8

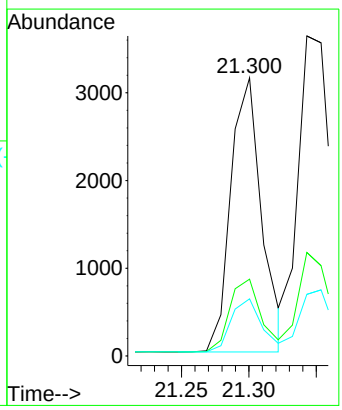




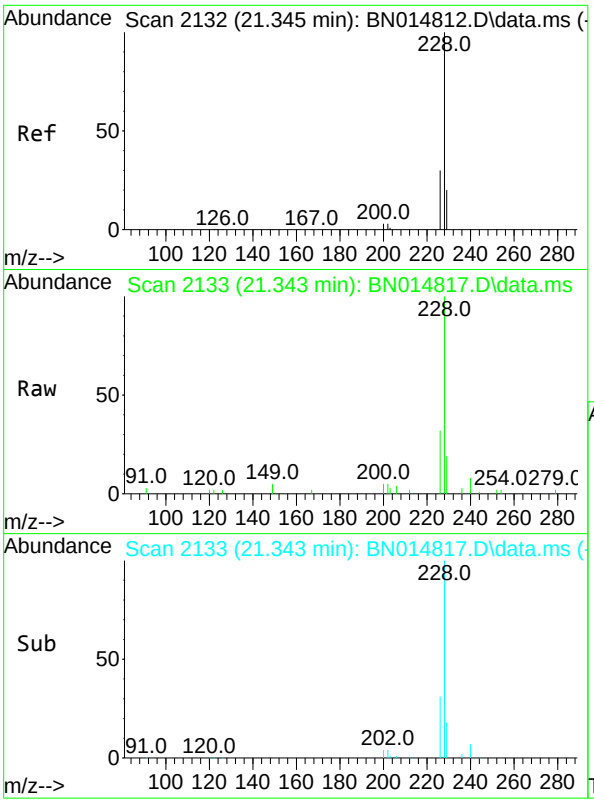
#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.008 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:228 Resp: 4989

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.9	34.3
229	20.6	16.2	24.2



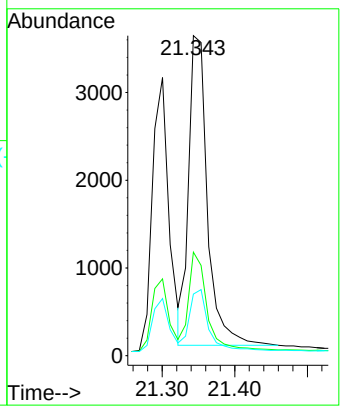
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

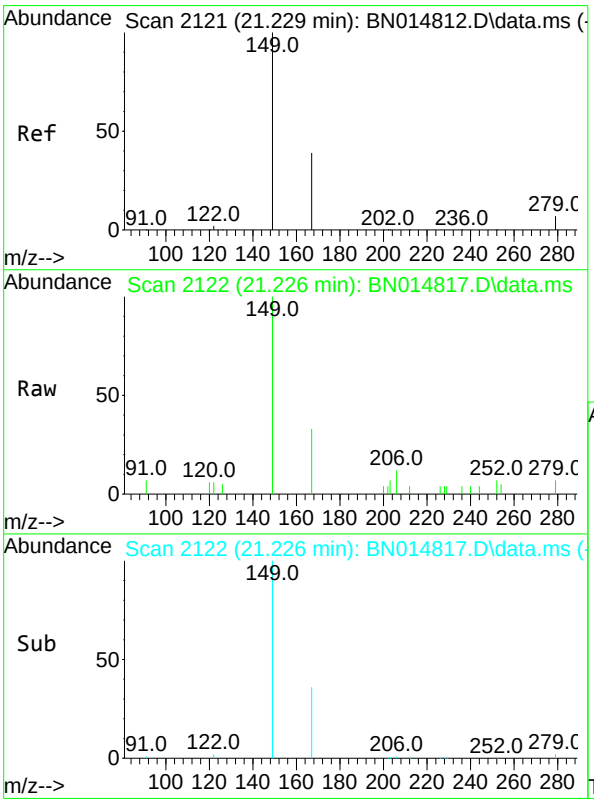


#33
Chrysene
Concen: 0.38 ng
RT: 21.343 min Scan# 2133
Delta R.T. -0.003 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:228 Resp: 6364

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.3	36.5
229	19.3	16.4	24.6

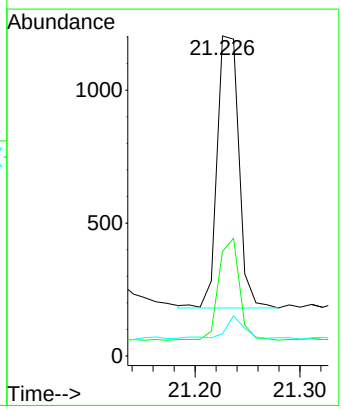




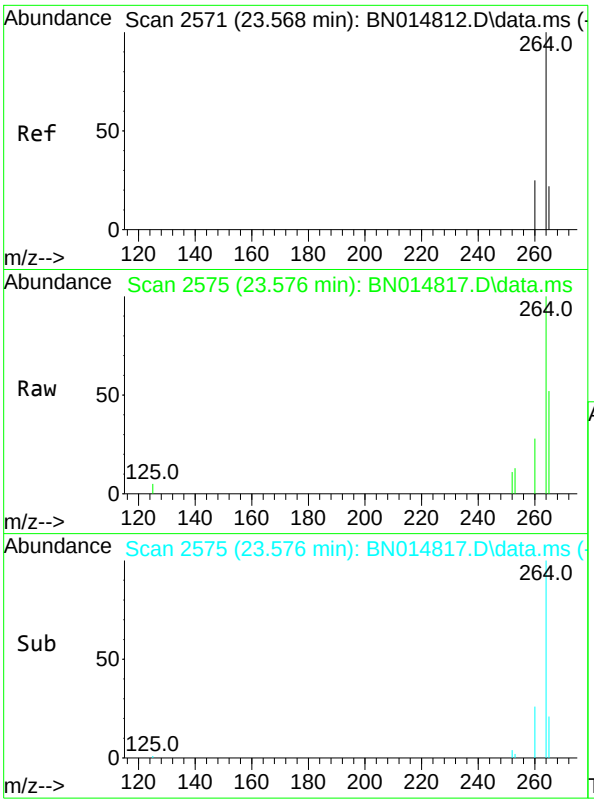
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.003 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:149 Resp: 1471

Ion	Ratio	Lower	Upper
149	100		
167	36.2	28.3	42.5
279	7.1	5.5	8.3



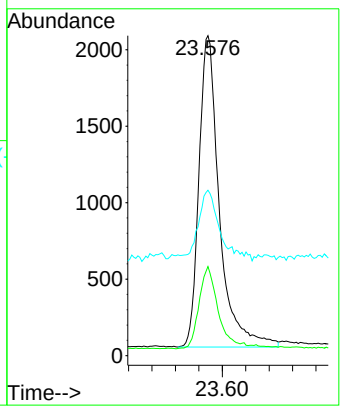
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

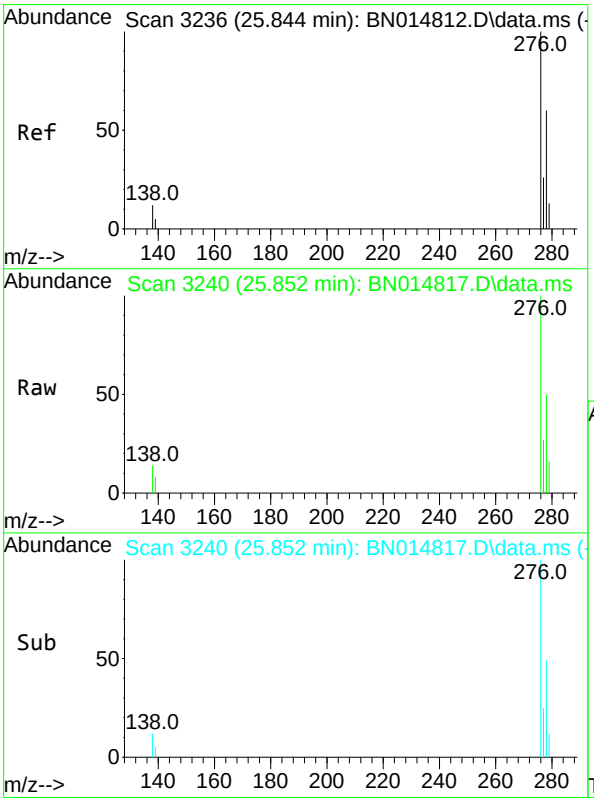


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.576 min Scan# 2575
Delta R.T. 0.008 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:264 Resp: 4944

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.4	32.2
265	51.7	40.9	61.3

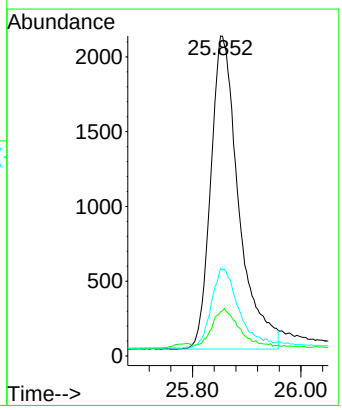




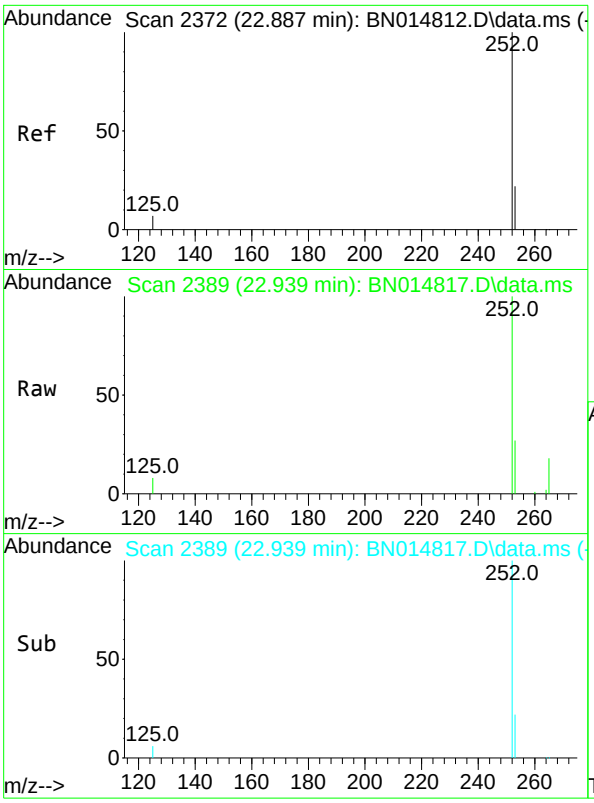
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.852 min Scan# 3240
Delta R.T. 0.008 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:276 Resp: 7485

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.2	15.4
277	24.8	20.4	30.6



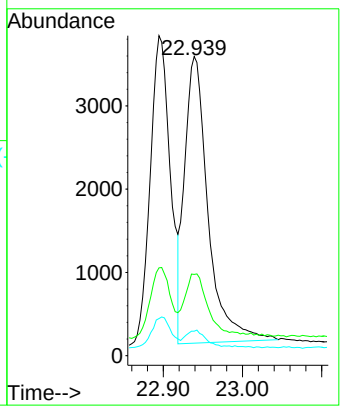
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

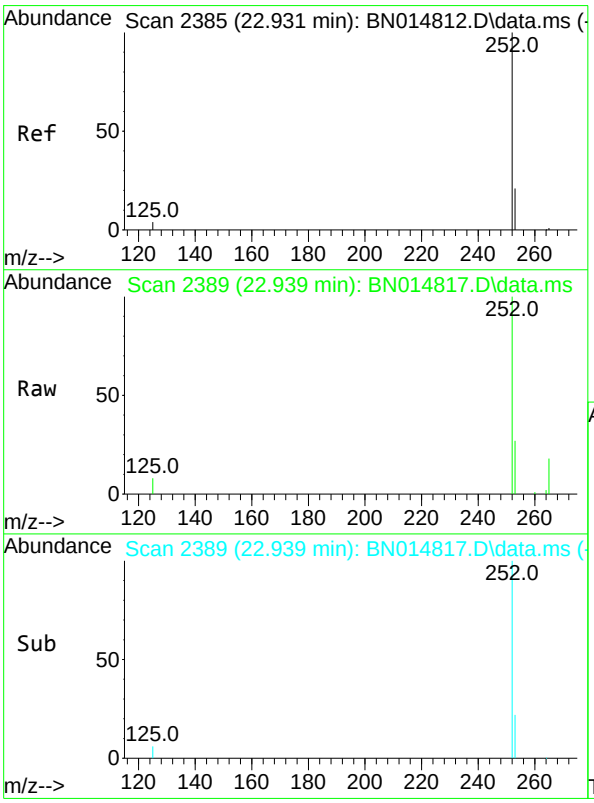


#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.939 min Scan# 2389
Delta R.T. 0.052 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:252 Resp: 7084

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.5	32.3
125	8.2	6.6	10.0

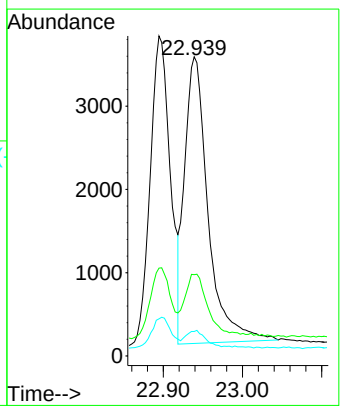




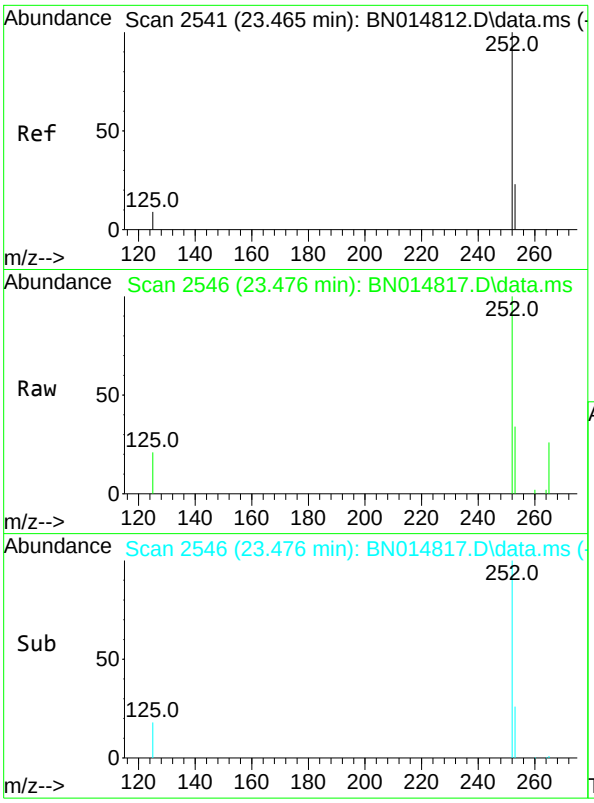
#38
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.939 min Scan# 2389
Delta R.T. 0.008 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:252 Resp: 7084

Ion	Ratio	Lower	Upper
252	100		
253	27.2	22.7	34.1
125	8.2	6.4	9.6



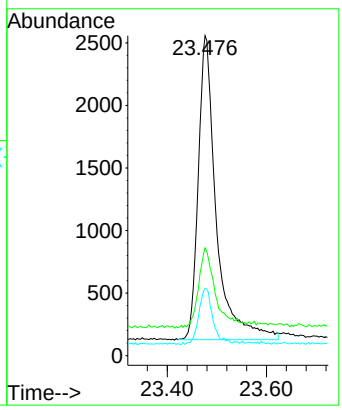
Instrument :
BNA_N
ClientSampleId :
ICVBN060121

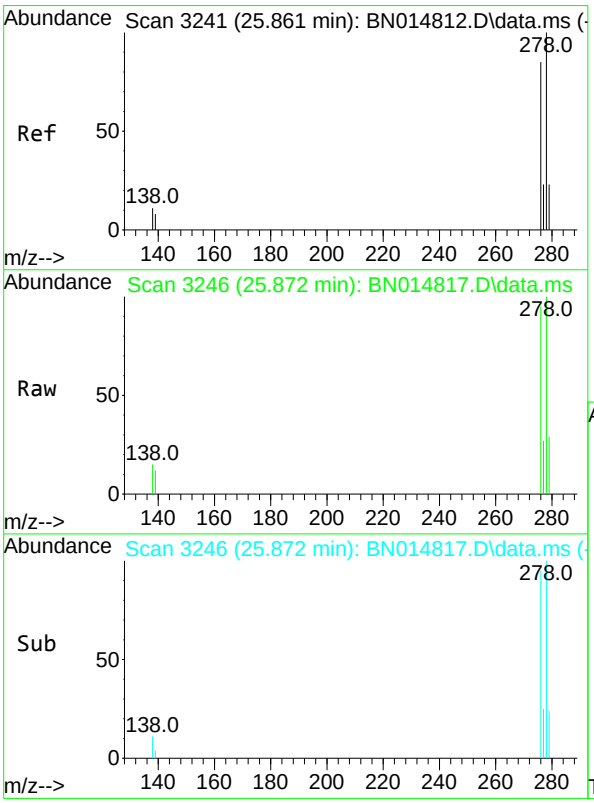


#39
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.476 min Scan# 2546
Delta R.T. 0.011 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:252 Resp: 6101

Ion	Ratio	Lower	Upper
252	100		
253	33.7	25.1	37.7
125	21.0	9.4	14.0#

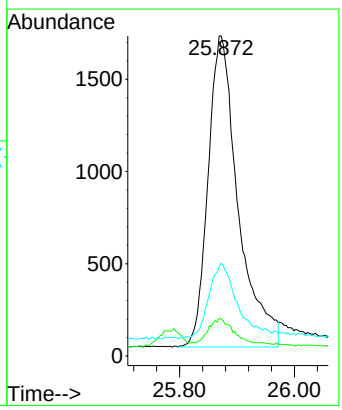


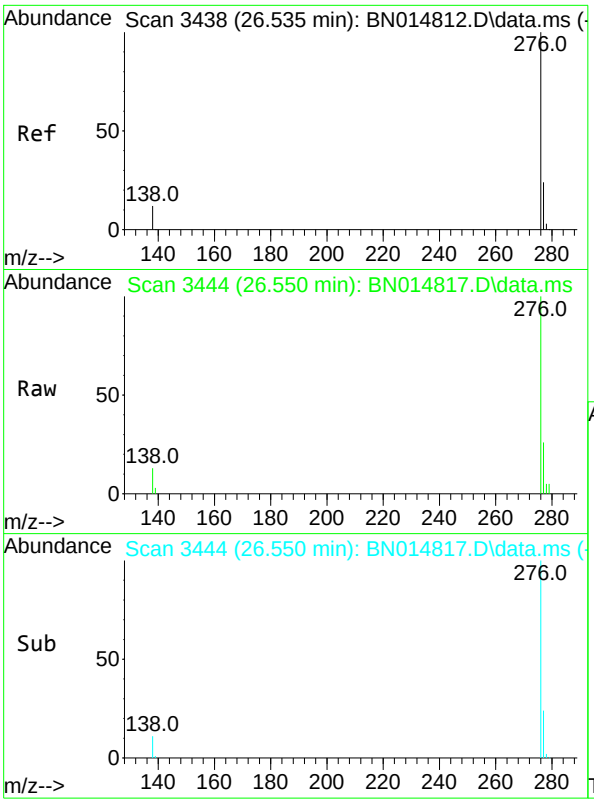


#40
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 25.872 min Scan# 3246
Delta R.T. 0.011 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:278 Resp: 6132

Ion	Ratio	Lower	Upper
278	100		
139	11.5	8.6	13.0
279	29.0	22.8	34.2

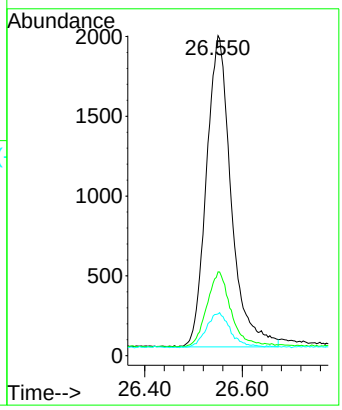




#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.550 min Scan# 3444
Delta R.T. 0.015 min
Lab File: BN014817.D
Acq: 01 Jun 2021 17:30

Tgt Ion:276 Resp: 6860

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.9	31.3
138	13.1	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
ICVBN060121