Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040621\
Data File : BN014214.D
Acq On : 05 Apr 2021 22:01
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN040621

Quant Time: Apr 06 07:36:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 03:14:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.644	152	6266	0.40	ng		0.00
7) Naphthalene-d8	10.429	136	24413	0.40	ng		0.00
13) Acenaphthene-d10	14.283	164	14798	0.40	ng		0.00
19) Phenanthrene-d10	17.031	188	31681	0.40	ng		0.00
29) Chrysene-d12	21.226	240	34161	0.40	ng	#	0.00
36) Perylene-d12	23.425	264	35736	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	6476	0.41	ng		0.00
5) Phenol-d6	6.814	99	8417	0.41	ng		0.00
8) Nitrobenzene-d5	8.794	82	6841	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	21842	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	1953	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.900	172	22427	0.41	ng		0.00
27) Fluoranthene-d10	19.066	212	49513	0.40	ng		0.00
31) Terphenyl-d14	19.672	244	32366	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	2957	0.39	ng		91
3) n-Nitrosodimethylamine	3.513	42	2249	0.36	ng		98
6) bis(2-Chloroethyl)ether	7.080	93	7370	0.41	ng		100
9) Naphthalene	10.467	128	26269	0.40	ng		100
10) Hexachlorobutadiene	10.758	225	4870	0.41	ng	#	99
12) 2-Methylnaphthalene	12.093	142	18275	0.40	ng		99
16) Acenaphthylene	14.004	152	23199	0.38	ng		99
17) Acenaphthene	14.346	154	17327	0.40	ng		99
18) Fluorene	15.336	166	21800	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.412	198	1548	0.44	ng		95
21) 4-Bromophenyl-phenylether	16.227	248	7068	0.39	ng		97
22) Hexachlorobenzene	16.349	284	7912	0.41	ng		99
23) Atrazine	16.495	200	4479	0.36	ng		99
24) Pentachlorophenol	16.690	266	1462	0.28	ng		99
25) Phenanthrene	17.067	178	37326	0.40	ng		100
26) Anthracene	17.164	178	30333	0.38	ng		100
28) Fluoranthene	19.096	202	43245	0.40	ng		100
30) Pyrene	19.459	202	42868	0.39	ng		100
32) Benzo(a)anthracene	21.205	228	41265	0.39	ng		99
33) Chrysene	21.258	228	46196	0.40	ng		100
34) Bis(2-ethylhexyl)phtha...	21.141	149	12480	0.34	ng		100
35) Indeno(1,2,3-cd)pyrene	25.633	276	60723	0.43	ng		100
37) Benzo(b)fluoranthene	22.768	252	52530	0.39	ng		99
38) Benzo(k)fluoranthene	22.809	252	52226	0.40	ng		99
39) Benzo(a)pyrene	23.329	252	48255	0.40	ng		99
40) Dibenzo(a,h)anthracene	25.646	278	50794	0.41	ng		100
41) Benzo(g,h,i)perylene	26.303	276	51486	0.40	ng		100

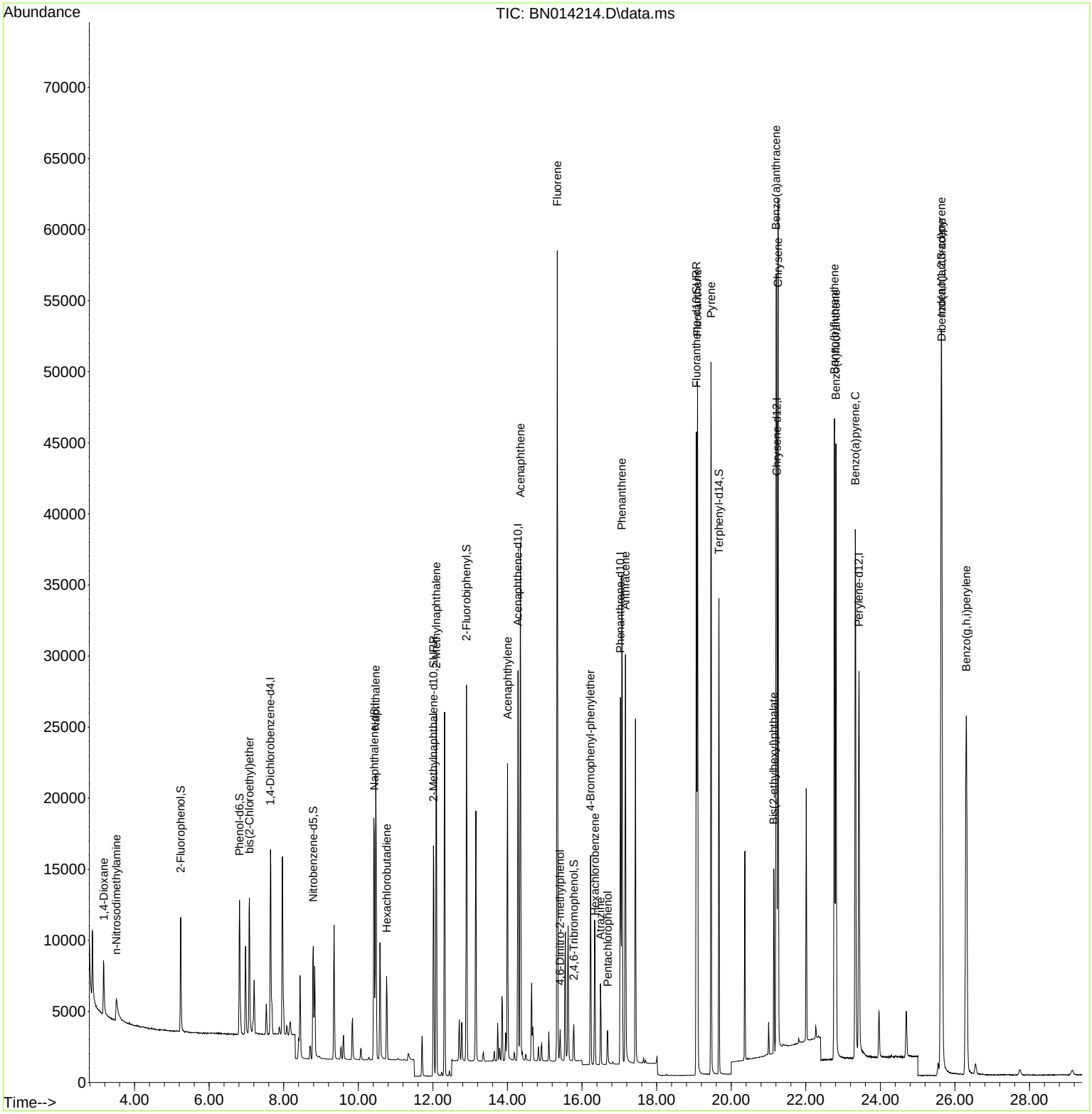
(#) = qualifier out of range (m) = manual integration (+) = signals summed

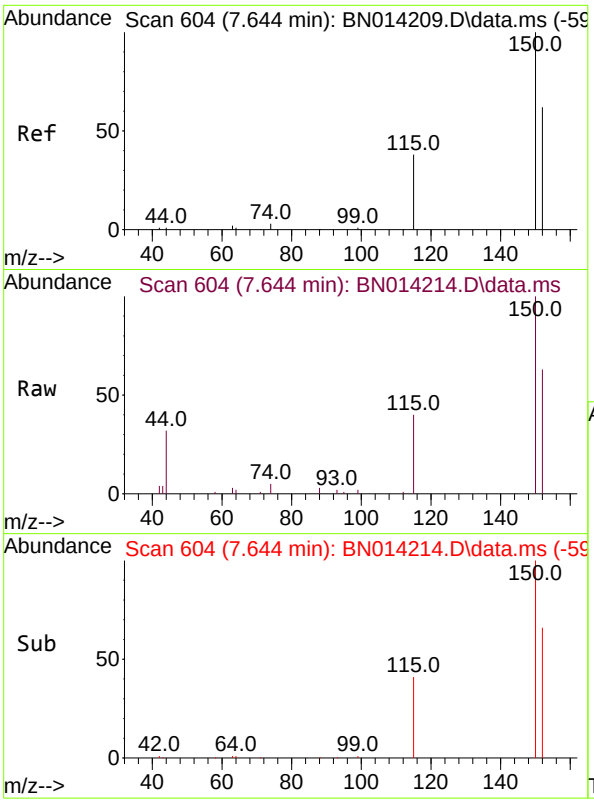
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040621\
Data File : BN014214.D
Acq On : 05 Apr 2021 22:01
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040621

Quant Time: Apr 06 07:36:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 03:14:49 2021
Response via : Initial Calibration

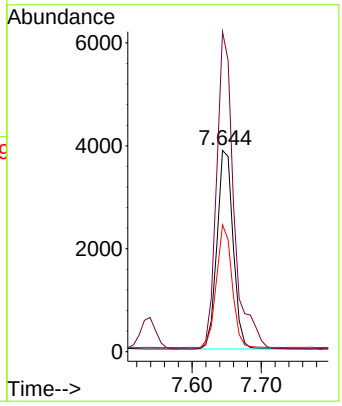




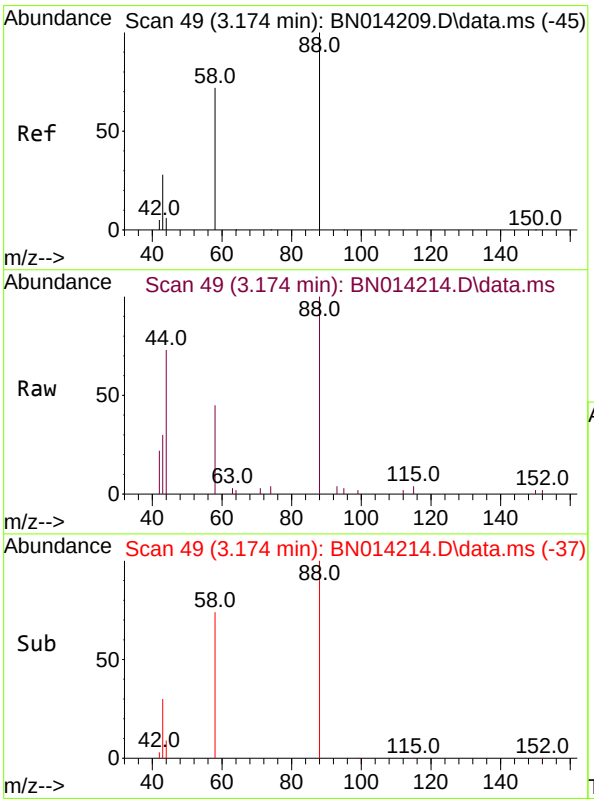
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.644 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:152 Resp: 6266

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.4	191.0
115	63.0	50.3	75.5



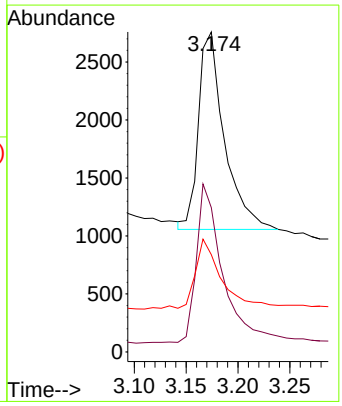
Instrument :
BNA_N
ClientSampleId :
ICVBN040621



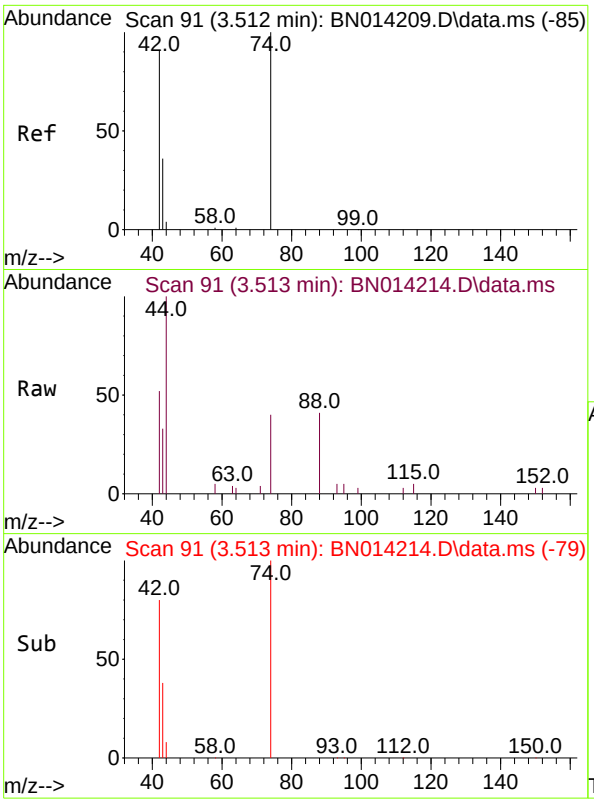
#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.174 min Scan# 49
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion: 88 Resp: 2957

Ion	Ratio	Lower	Upper
88	100		
58	82.5	59.4	89.0
43	37.0	25.8	38.8



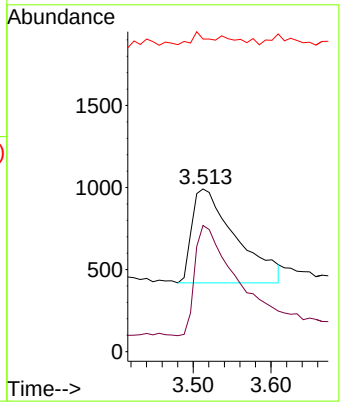
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

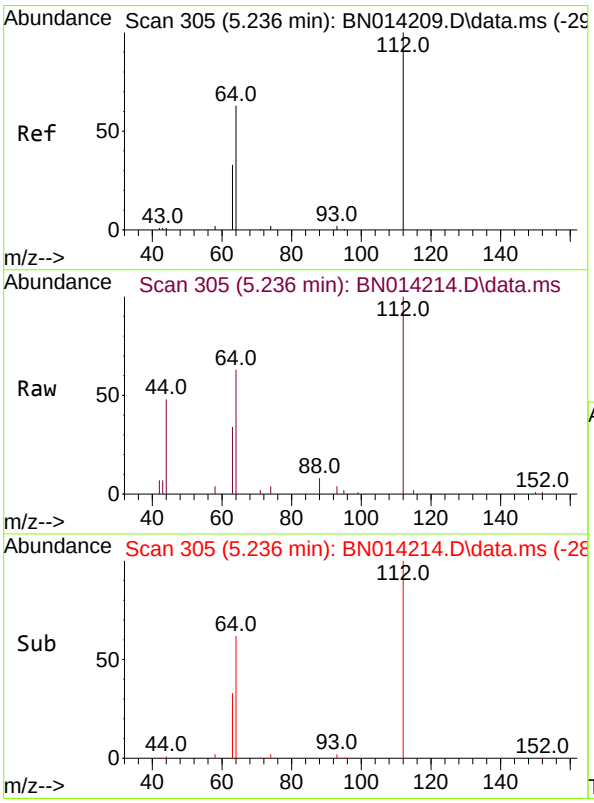


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion: 42 Resp: 2249

Ion	Ratio	Lower	Upper
42	100		
74	116.4	95.1	142.7
44	4.4	4.2	6.2

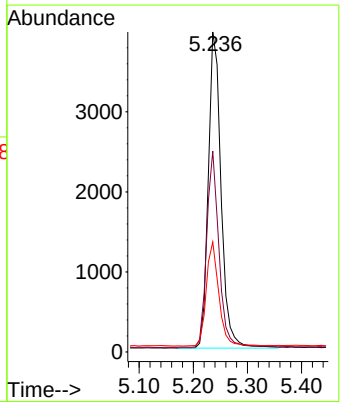




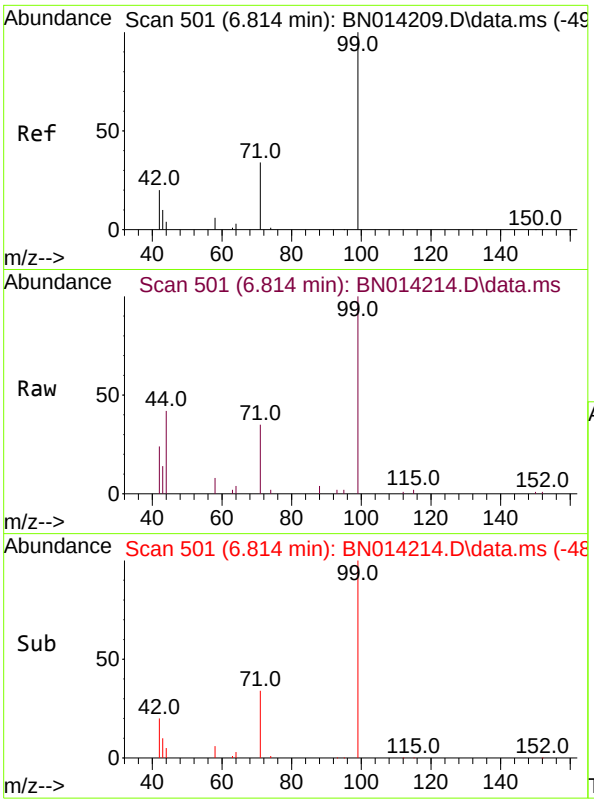
#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.236 min Scan# 305
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:112 Resp: 6476

Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.2	72.4
63	32.5	25.5	38.3



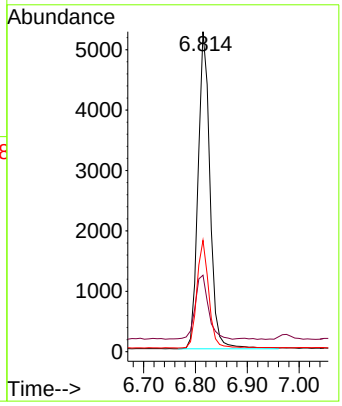
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

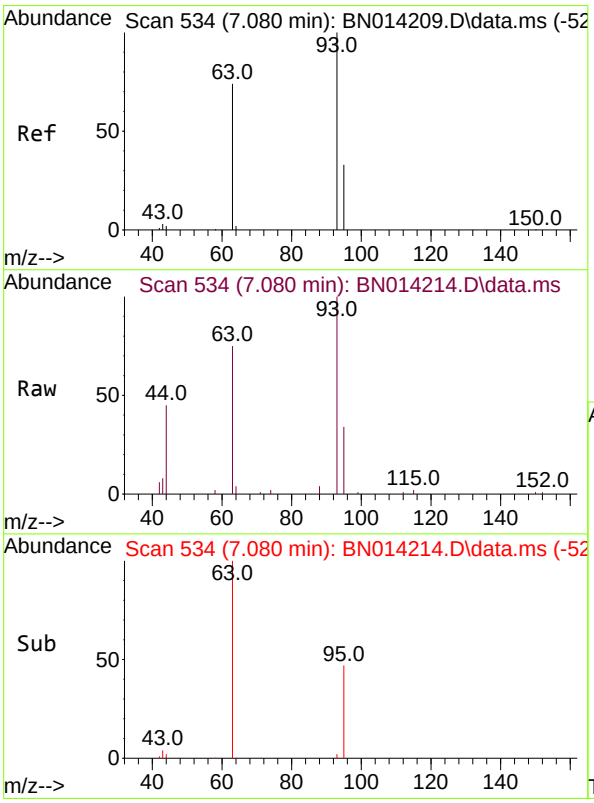


#5
Phenol-d6
Concen: 0.41 ng
RT: 6.814 min Scan# 501
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion: 99 Resp: 8417

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.2	27.2
71	33.4	26.9	40.3

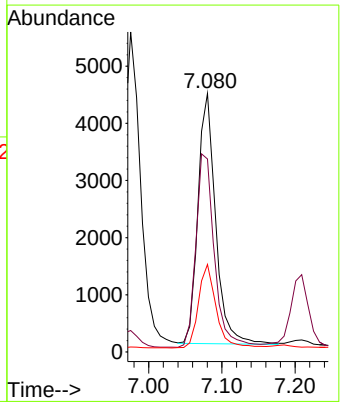




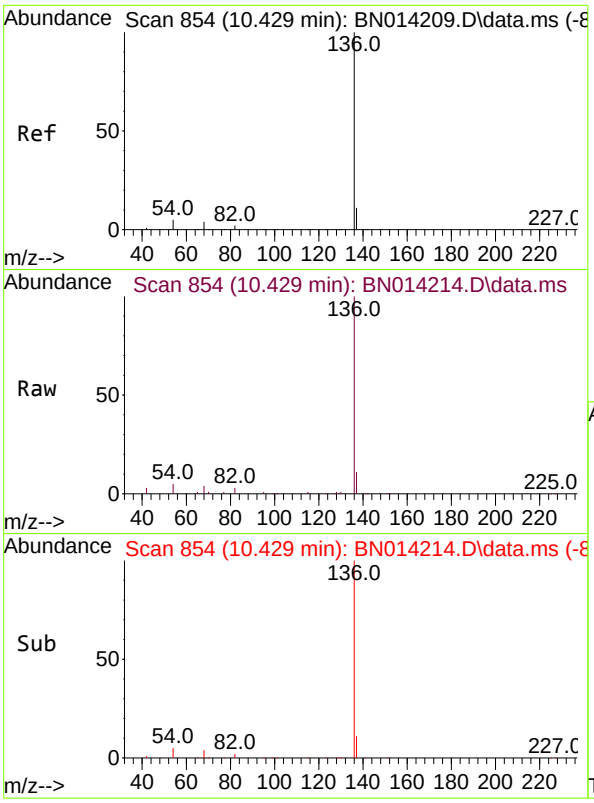
#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.080 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion: 93 Resp: 7370

Ion	Ratio	Lower	Upper
93	100		
63	81.1	65.0	97.6
95	33.4	26.8	40.2



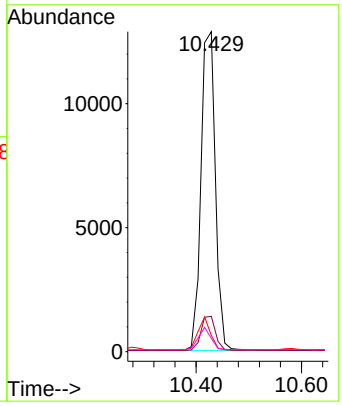
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

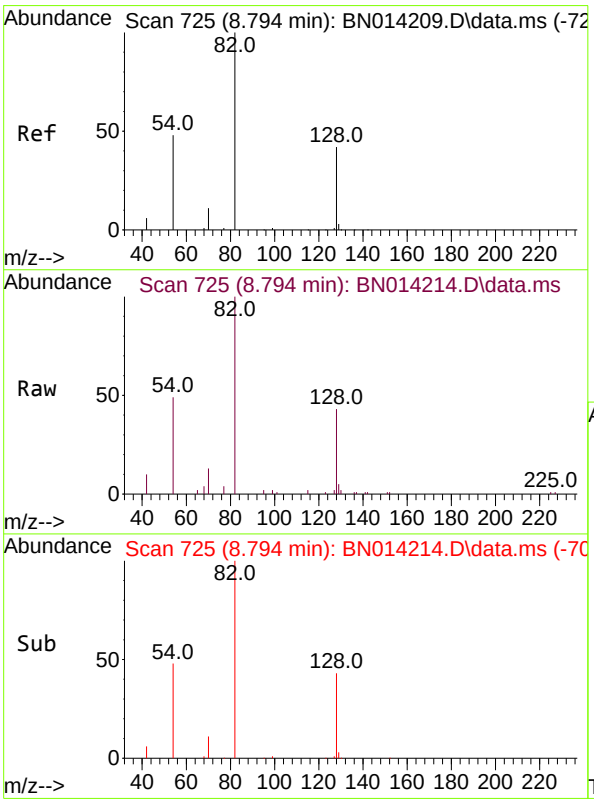


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.429 min Scan# 854
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:136 Resp: 24413

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.1	4.3	6.5
68	4.2	3.6	5.4

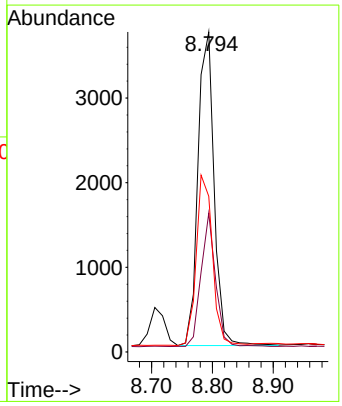




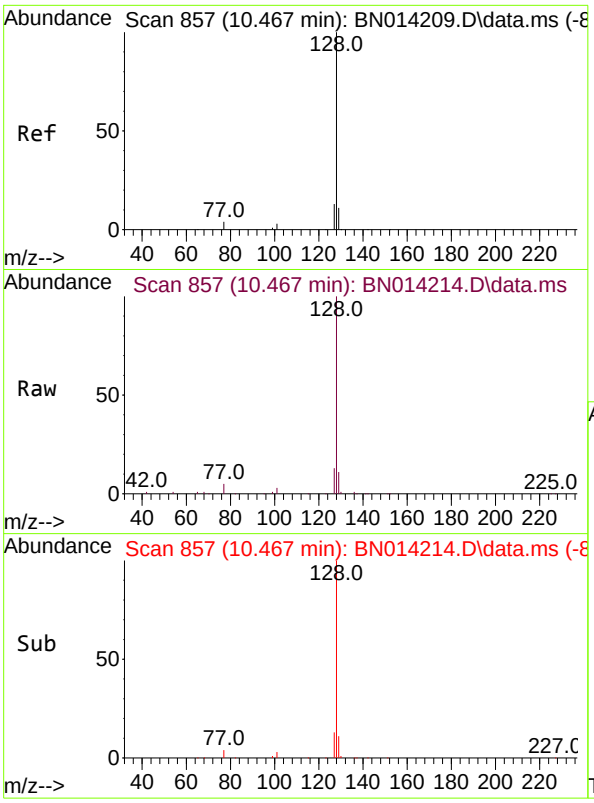
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.794 min Scan# 725
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion: 82 Resp: 6841

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.1	51.1
54	48.6	39.5	59.3



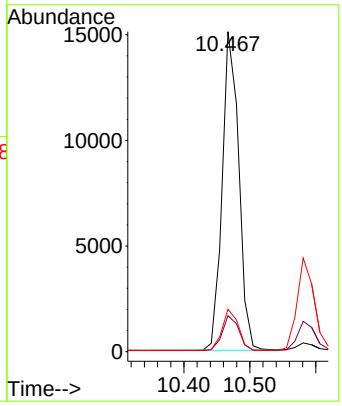
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

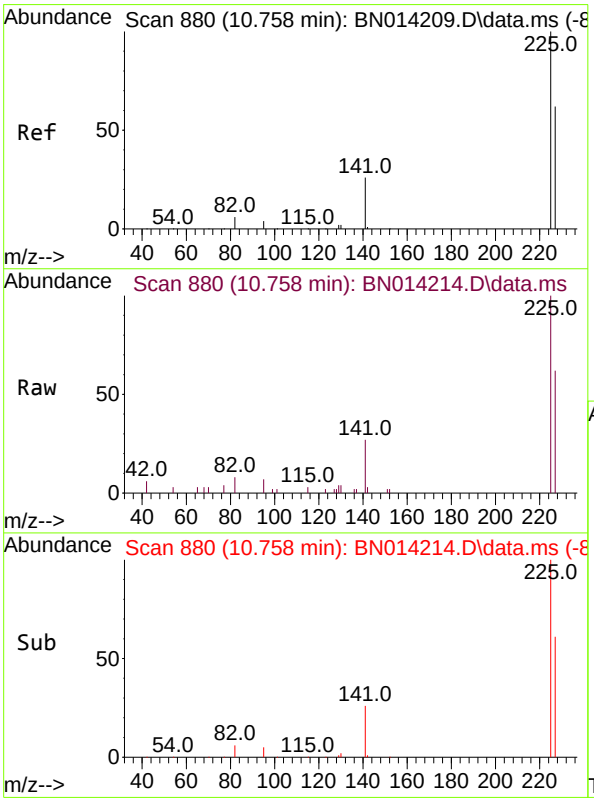


#9
Naphthalene
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:128 Resp: 26269

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.3	10.7	16.1

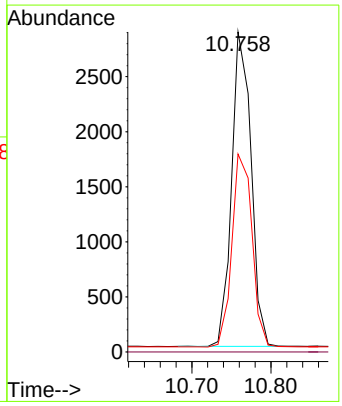




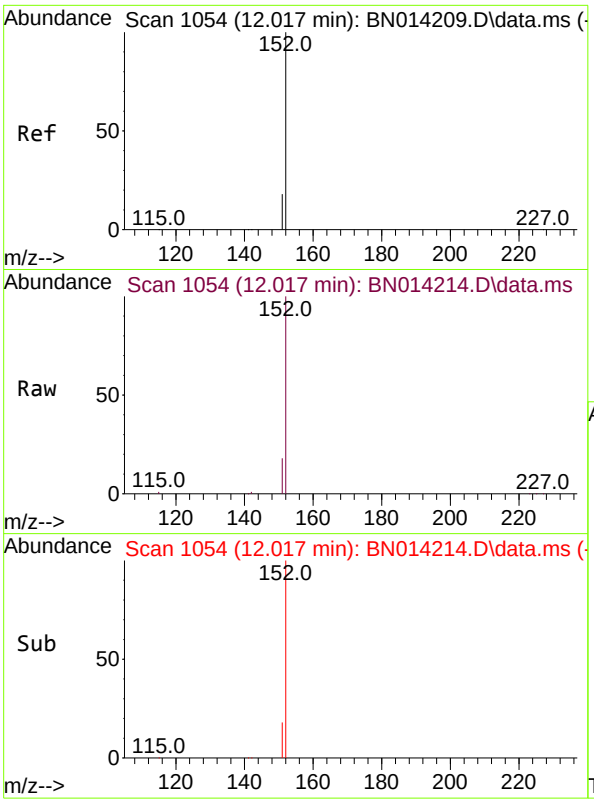
#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.758 min Scan# 880
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:225 Resp: 4870

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



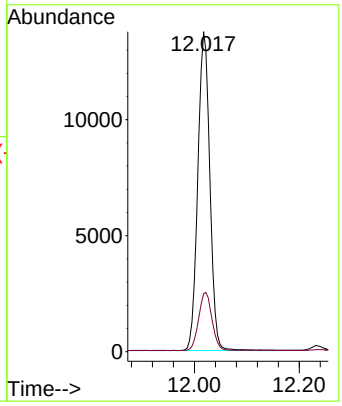
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

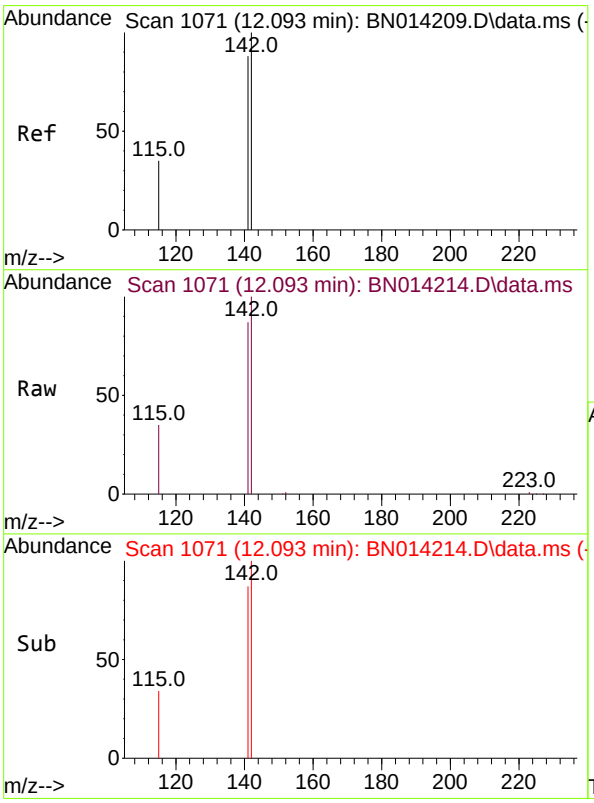


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.017 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:152 Resp: 21842

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2

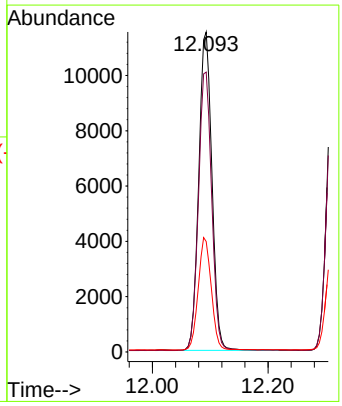


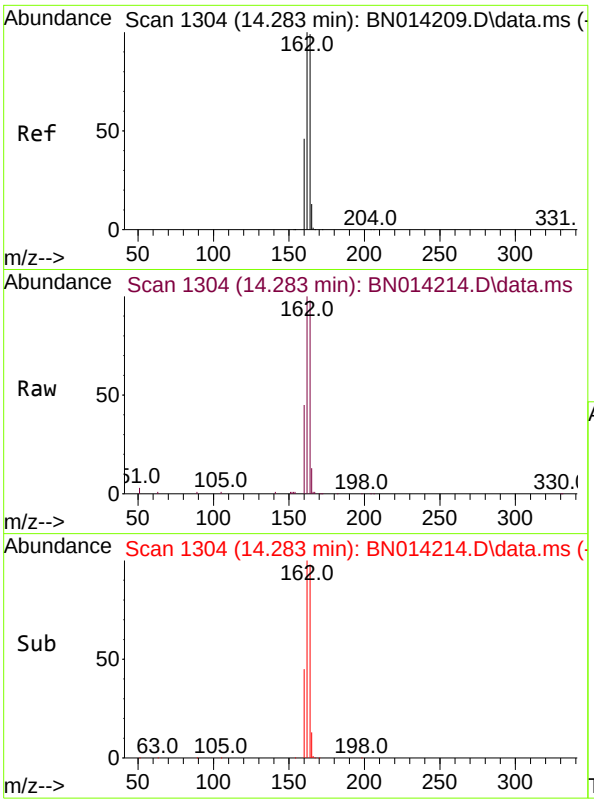


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:142 Resp: 18275

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.5	105.7
115	34.5	28.3	42.5

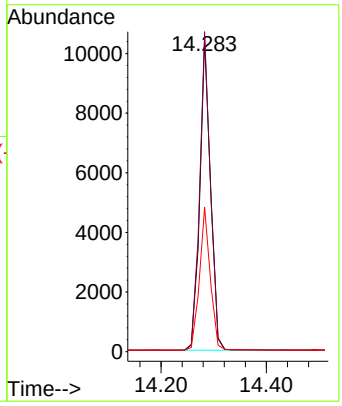




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.283 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:164 Resp: 14798

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.2	121.8
160	46.3	37.5	56.3



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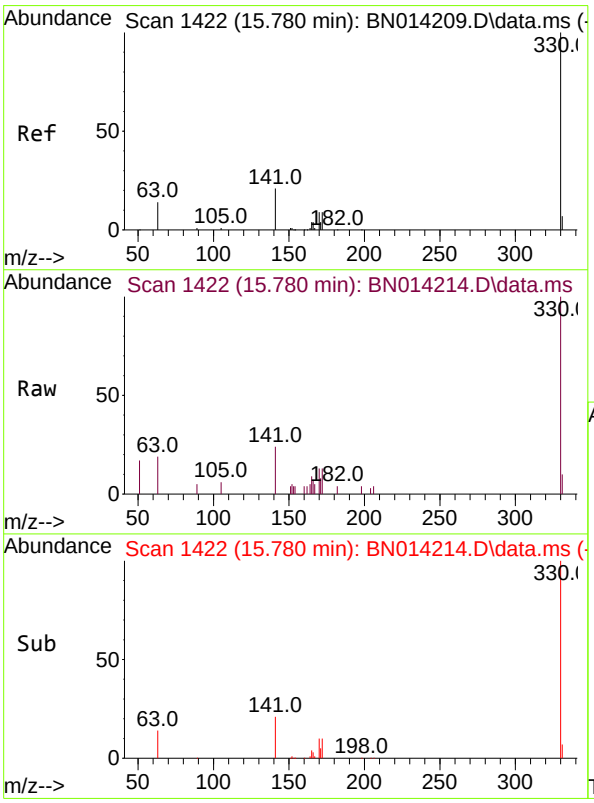
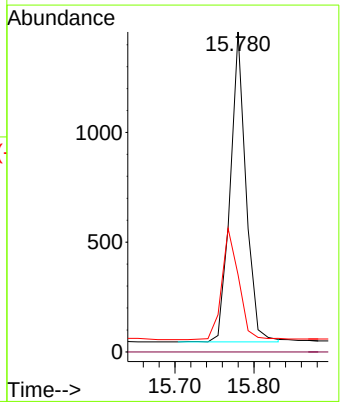


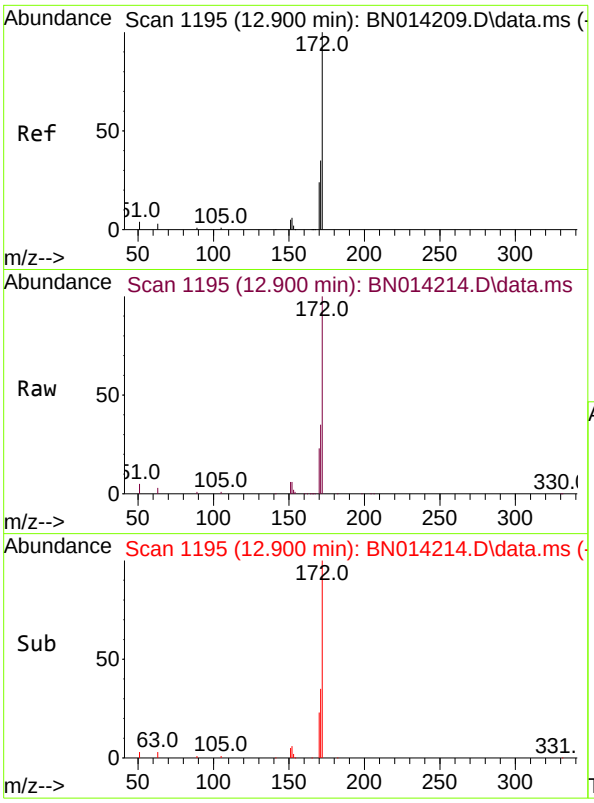
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.780 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:330 Resp: 1953

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.1	30.5	45.7



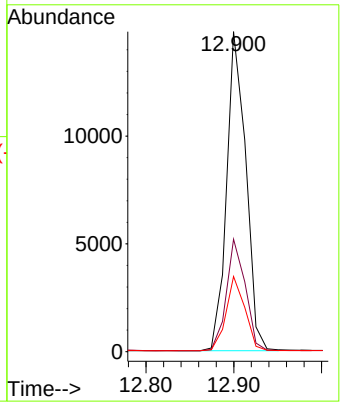
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

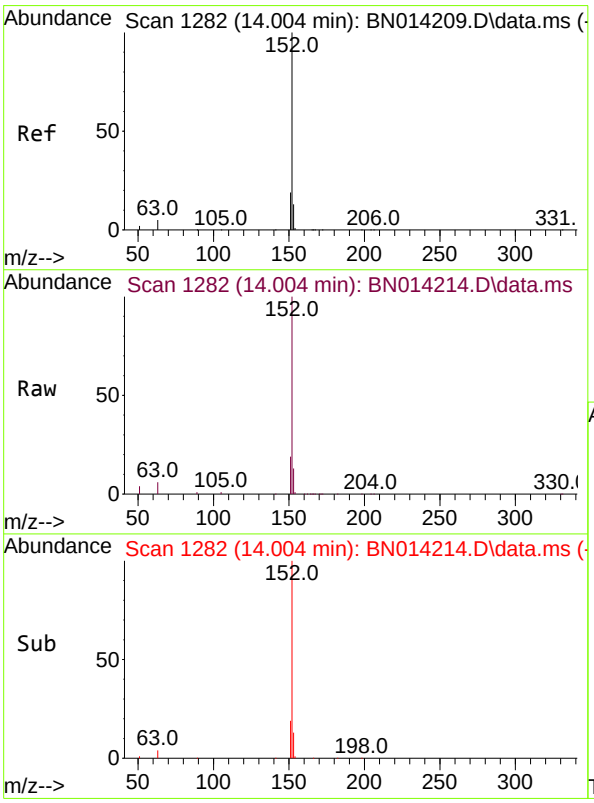


#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.900 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:172 Resp: 22427

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.5	19.1	28.7

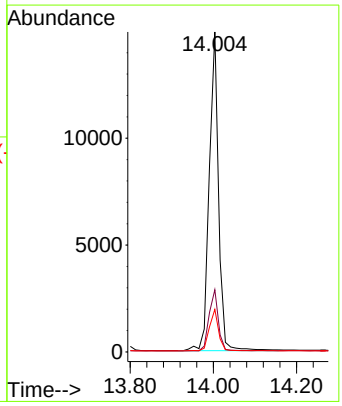




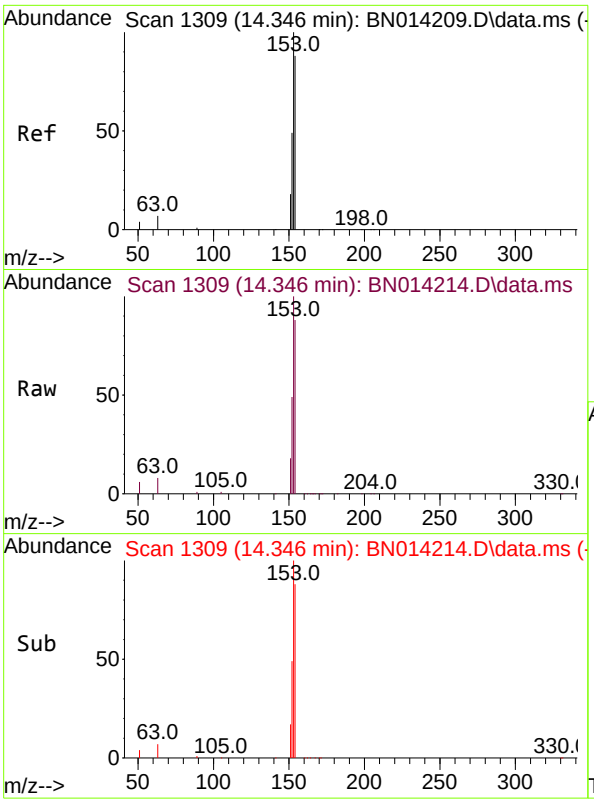
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:152 Resp: 23199

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.9	10.2	15.4



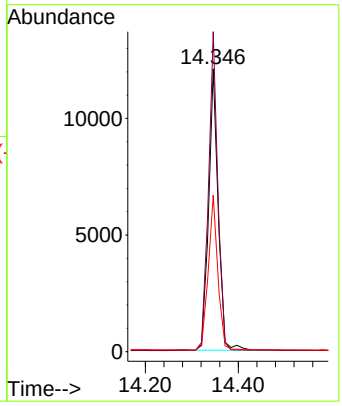
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

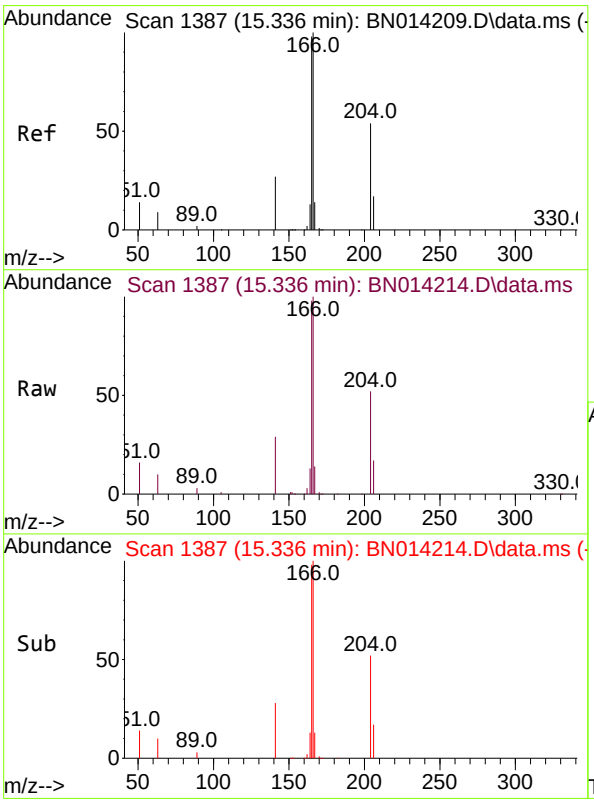


#17
Acenaphthene
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:154 Resp: 17327

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.4	134.2
152	54.7	43.9	65.9

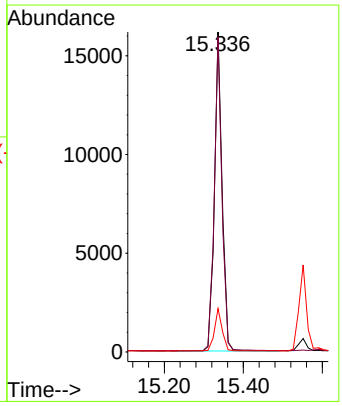




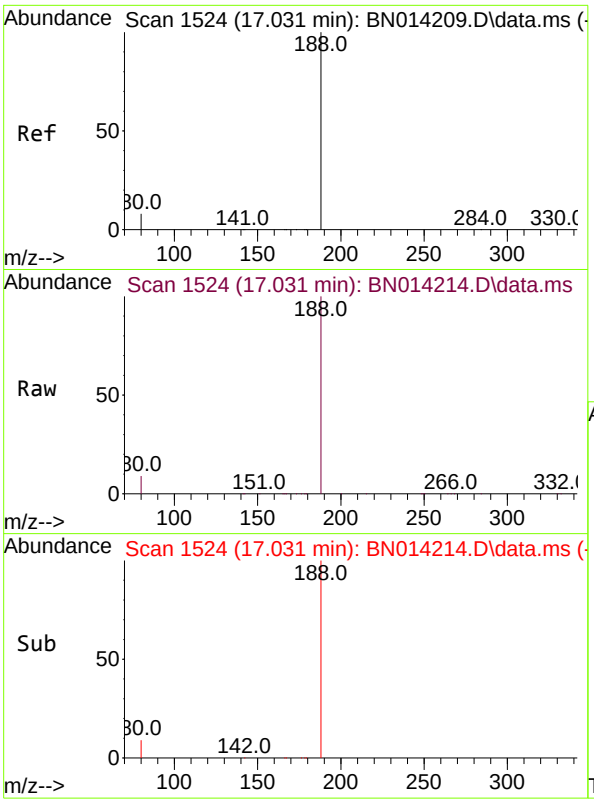
#18
Fluorene
Concen: 0.39 ng
RT: 15.336 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:166 Resp: 21800

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.1	117.1
167	13.3	10.8	16.2



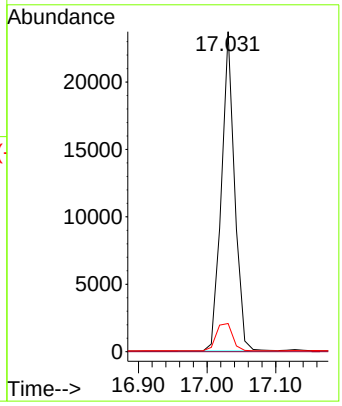
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

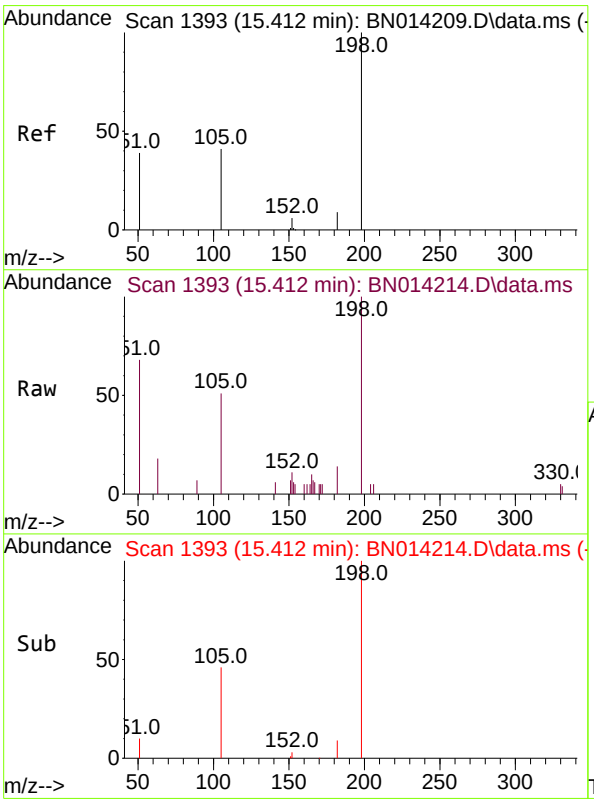


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.031 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:188 Resp: 31681

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.9	10.3

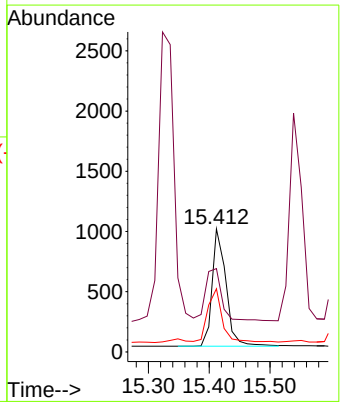




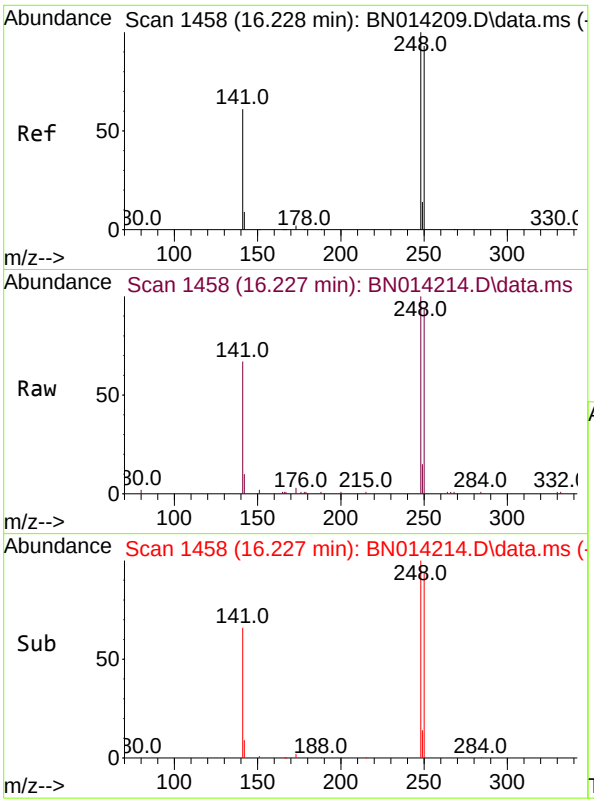
#20
4,6-Dinitro-2-methylphenol
Concen: 0.44 ng
RT: 15.412 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:198 Resp: 1548

Ion	Ratio	Lower	Upper
198	100		
51	67.8	51.7	77.5
105	51.3	38.2	57.2



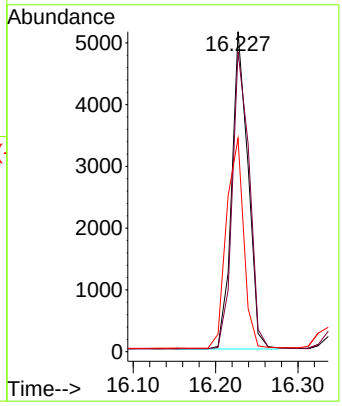
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

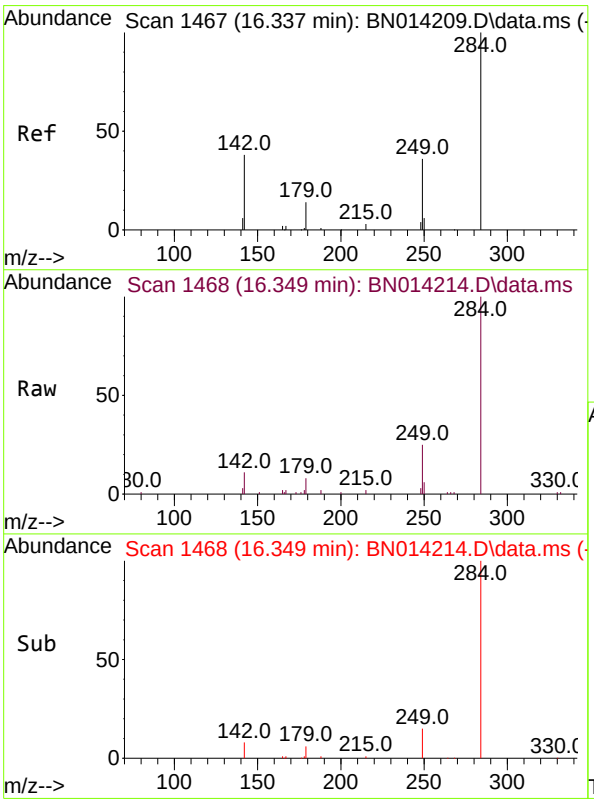


#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.227 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:248 Resp: 7068

Ion	Ratio	Lower	Upper
248	100		
250	93.8	74.6	111.8
141	66.6	49.4	74.0

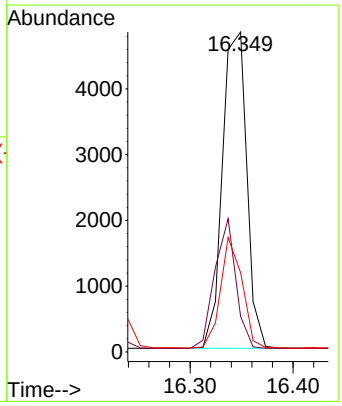


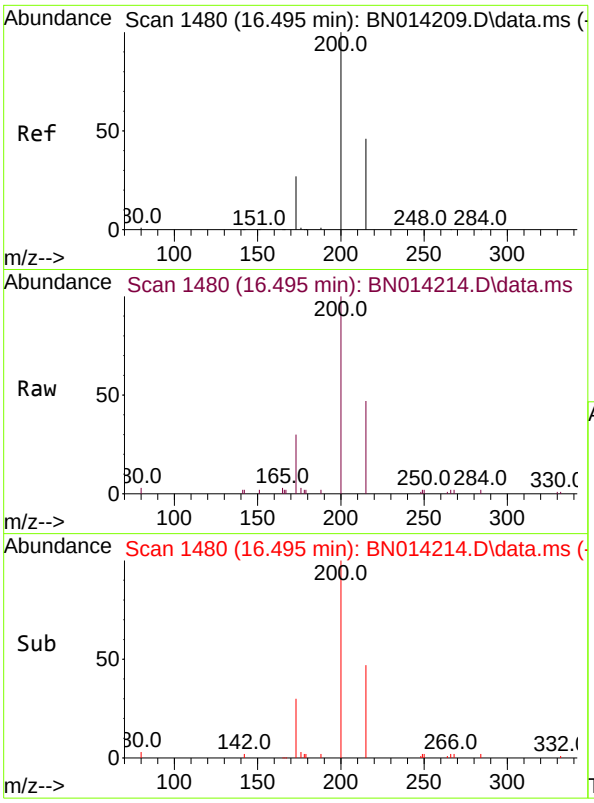


#22
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.349 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:284 Resp: 7912

Ion	Ratio	Lower	Upper
284	100		
142	35.5	29.0	43.4
249	30.8	25.2	37.8

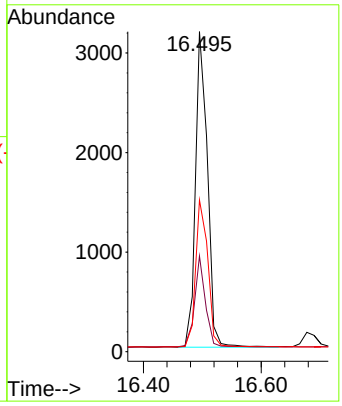




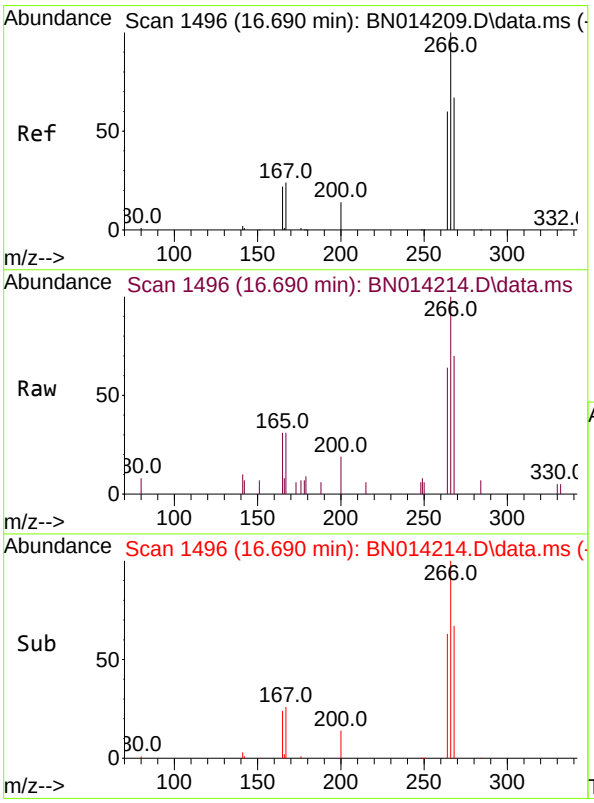
#23
Atrazine
Concen: 0.36 ng
RT: 16.495 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:200 Resp: 4479

Ion	Ratio	Lower	Upper
200	100		
173	29.9	22.9	34.3
215	47.4	37.7	56.5



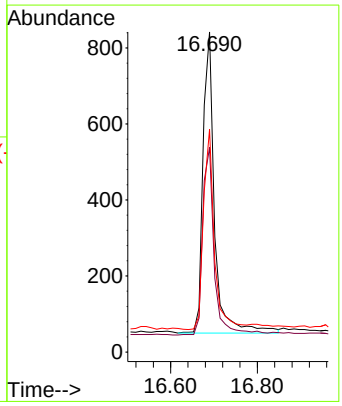
Instrument :
BNA_N
ClientSampleId :
ICVBN040621



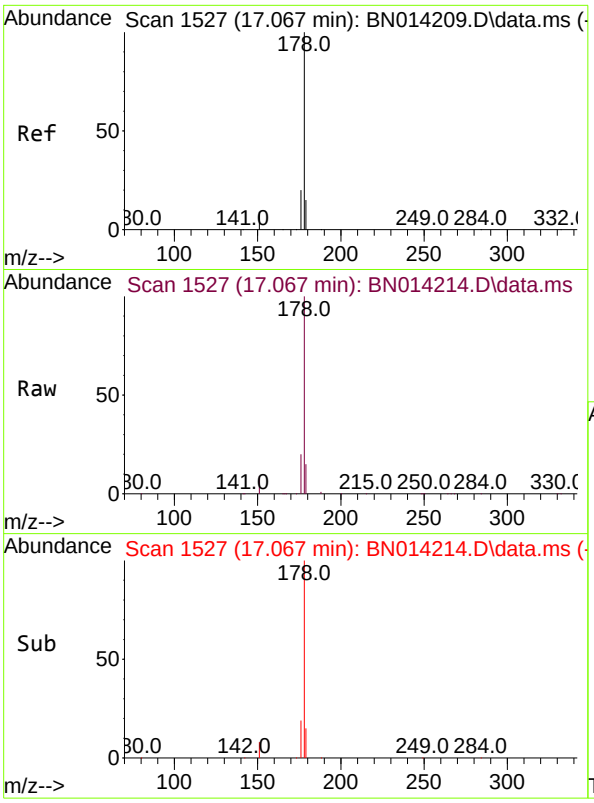
#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.690 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:266 Resp: 1462

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.0	73.4
268	62.9	50.3	75.5



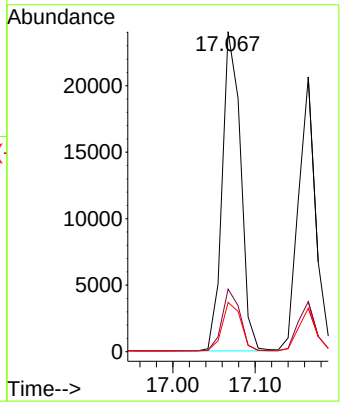
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

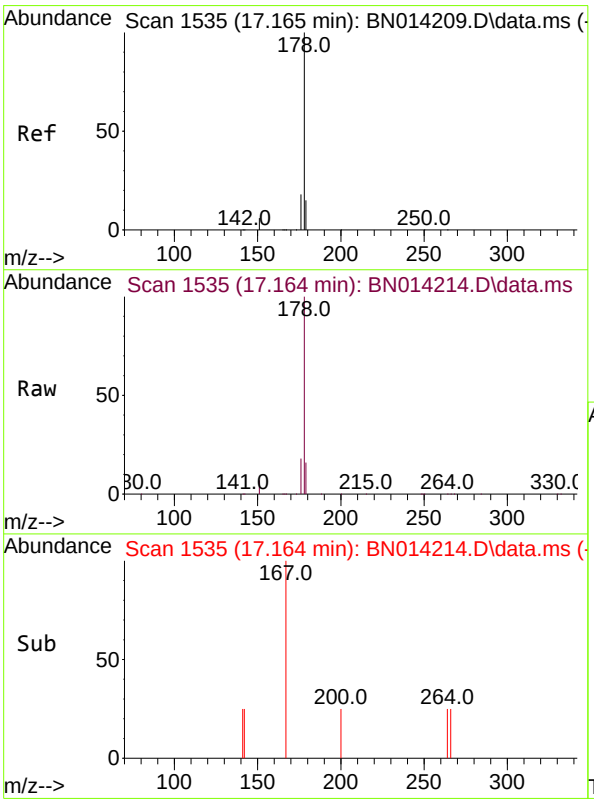


#25
Phenanthrene
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:178 Resp: 37326

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	12.4	18.6

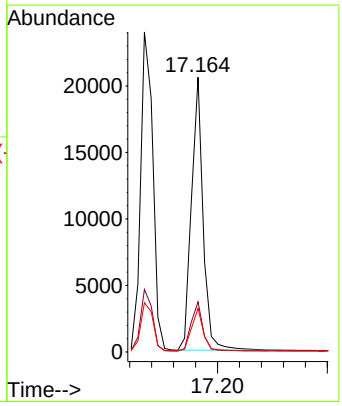




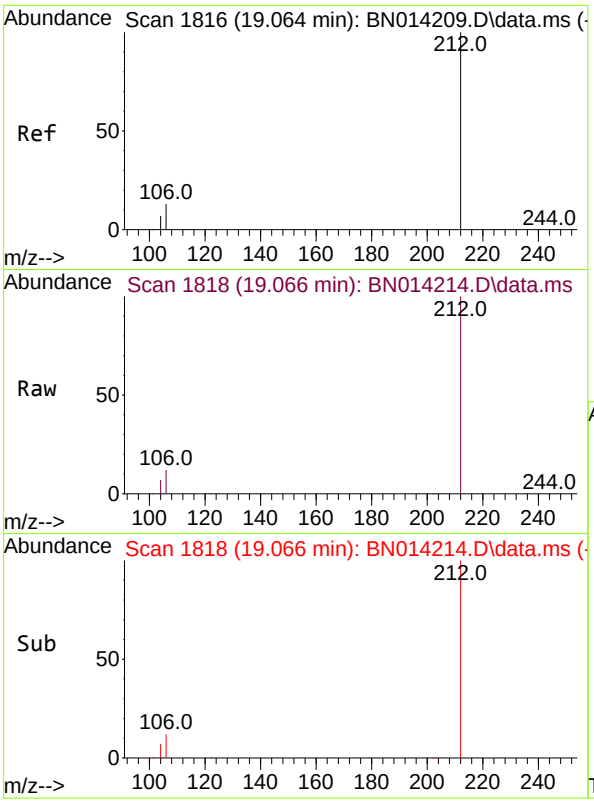
#26
Anthracene
Concen: 0.38 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:178 Resp: 30333

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.2	18.2



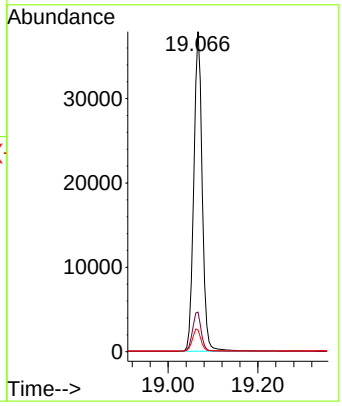
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

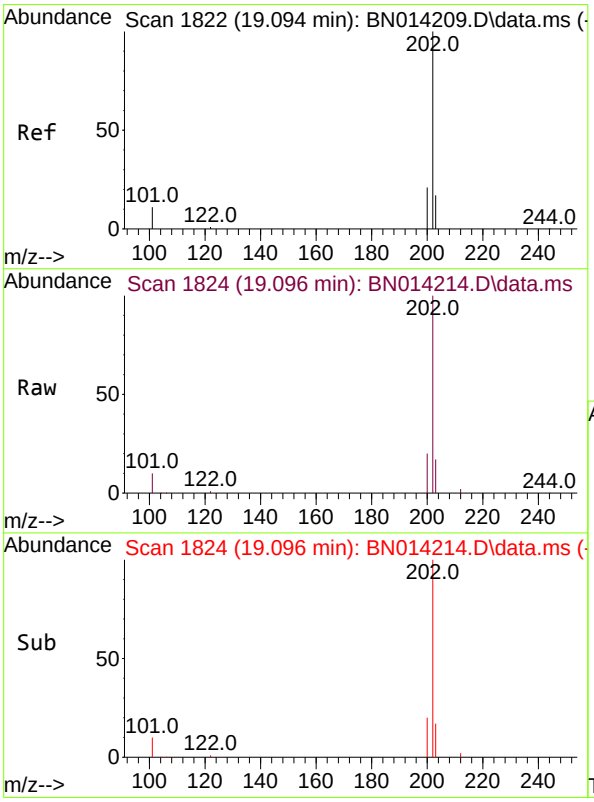


#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.066 min Scan# 1818
Delta R.T. 0.002 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:212 Resp: 49513

Ion	Ratio	Lower	Upper
212	100		
106	12.6	10.0	15.0
104	6.9	5.6	8.4

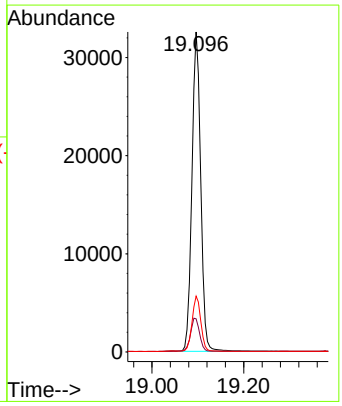




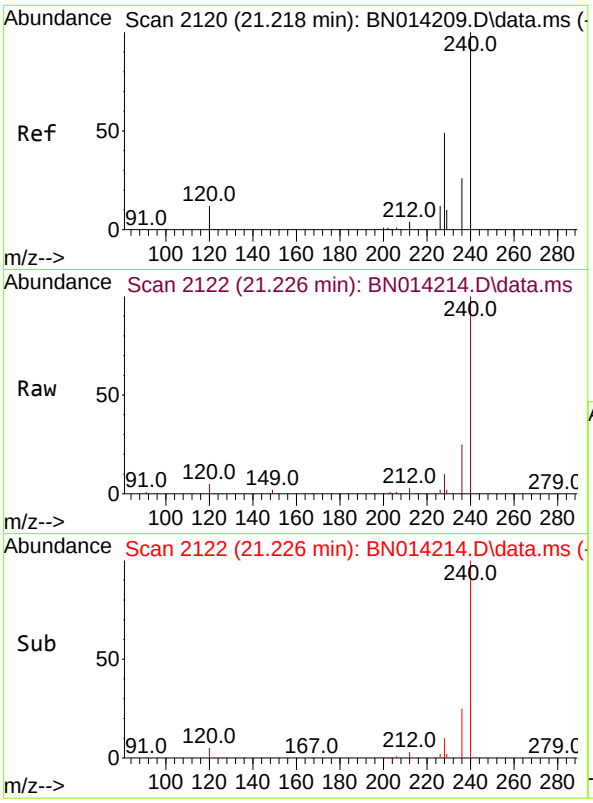
#28
Fluoranthene
Concen: 0.40 ng
RT: 19.096 min Scan# 1824
Delta R.T. 0.002 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:202 Resp: 43245

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.1	13.8	20.6



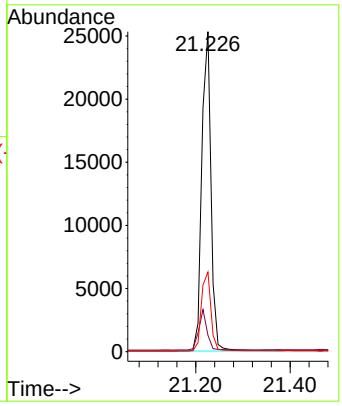
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

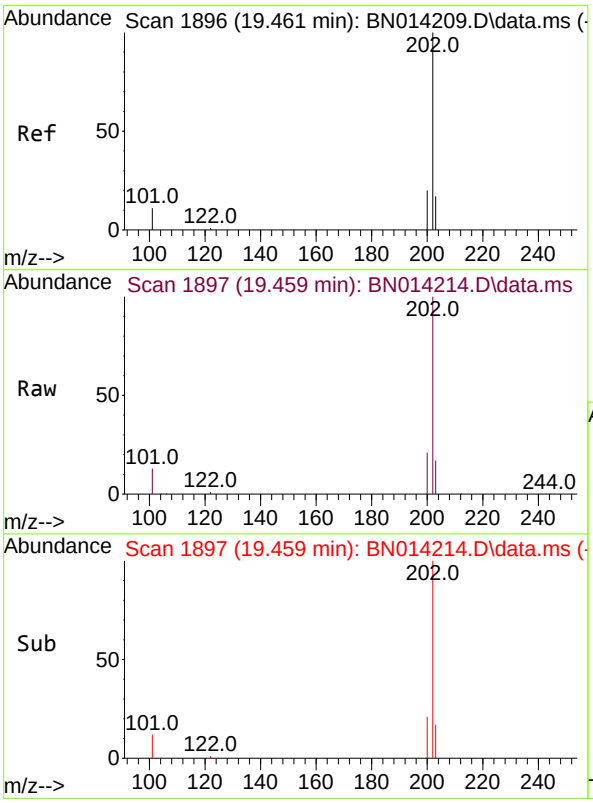


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.226 min Scan# 2122
Delta R.T. 0.008 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:240 Resp: 34161

Ion	Ratio	Lower	Upper
240	100		
120	5.1	10.3	15.5#
236	24.9	21.4	32.0

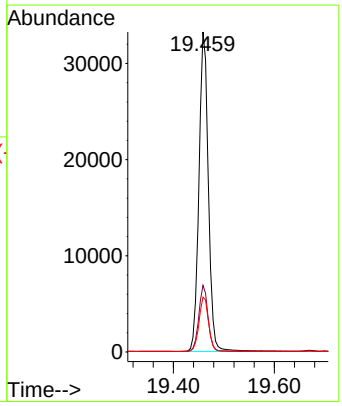




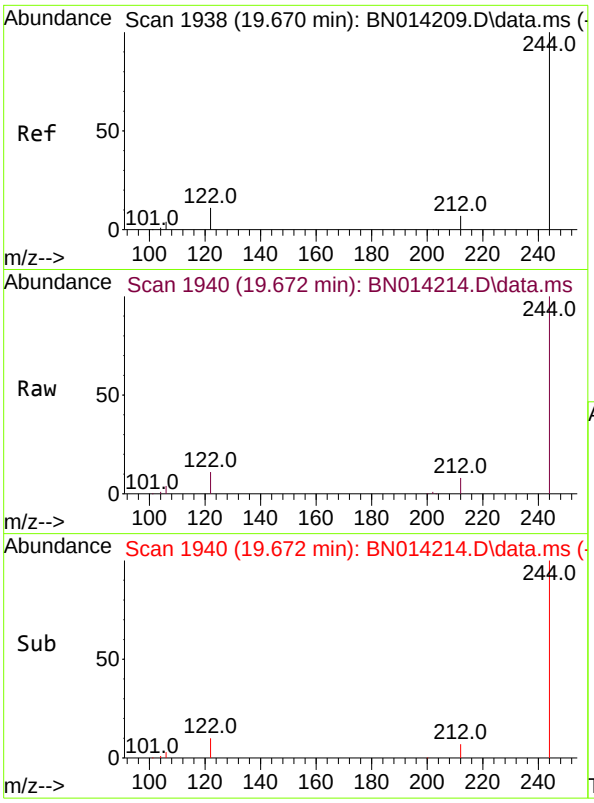
#30
Pyrene
Concen: 0.39 ng
RT: 19.459 min Scan# 1897
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:202 Resp: 42868

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.5	13.9	20.9



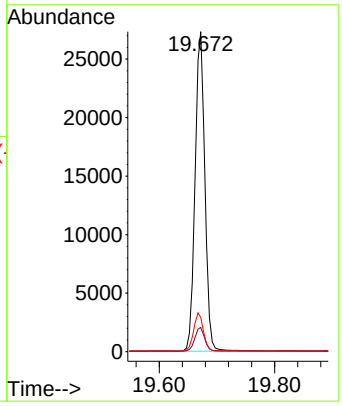
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

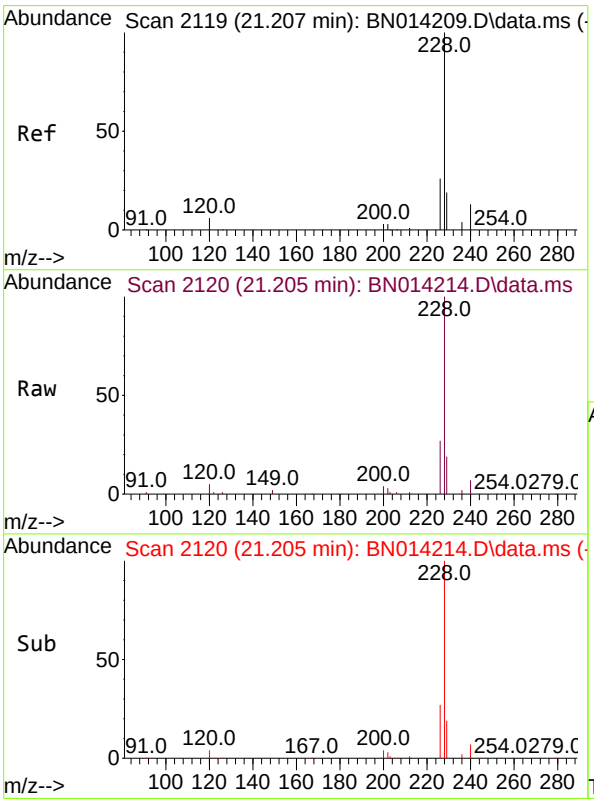


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.672 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:244 Resp: 32366

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.6	9.4	14.0

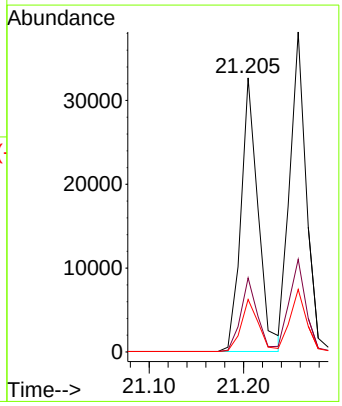




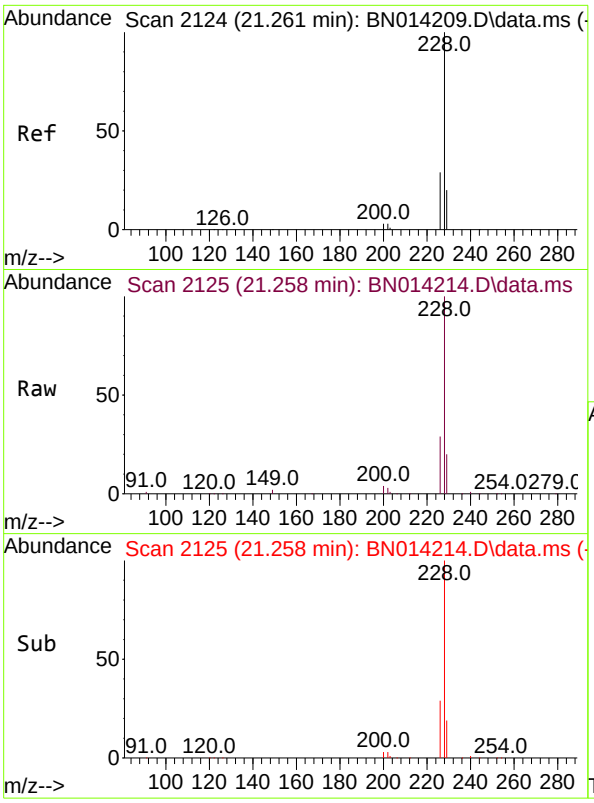
#32
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.205 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:228 Resp: 41265

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.1	31.7
229	19.1	15.7	23.5



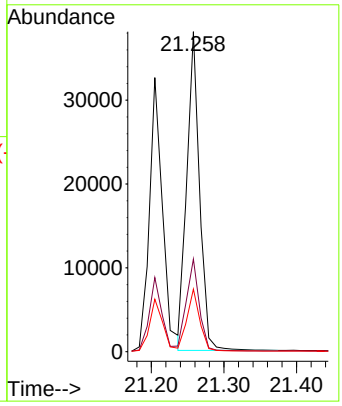
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

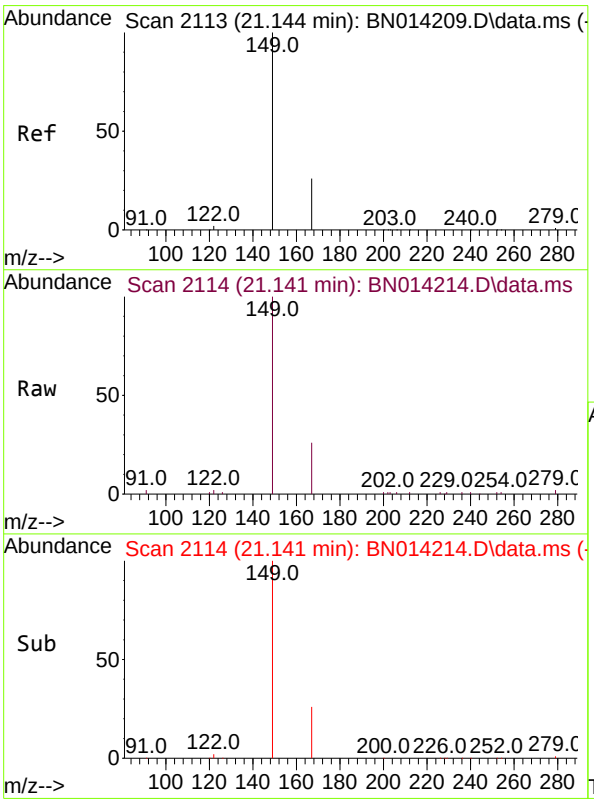


#33
Chrysene
Concen: 0.40 ng
RT: 21.258 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:228 Resp: 46196

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.5	15.8	23.8

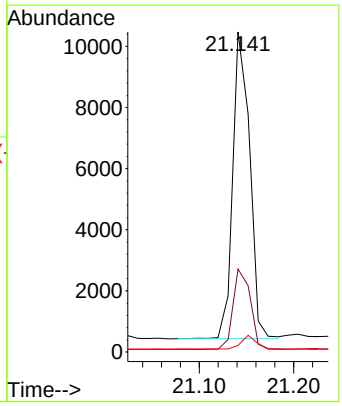




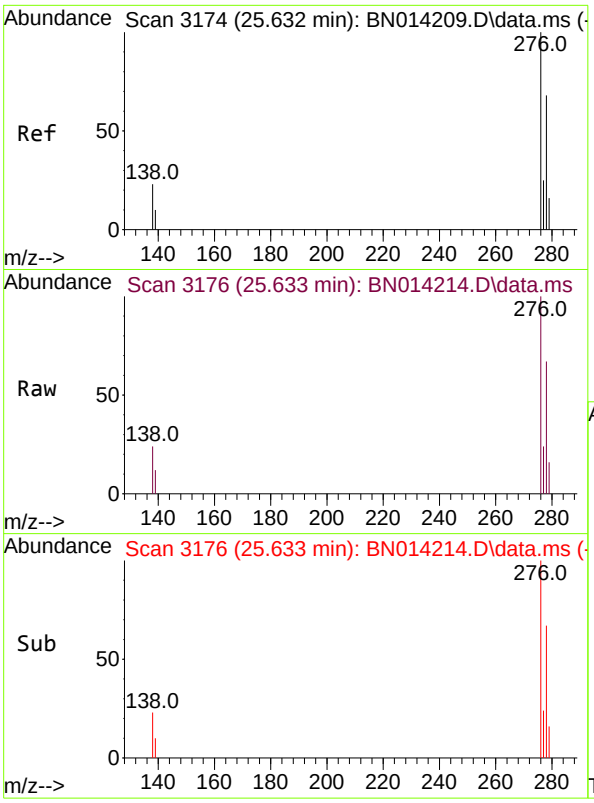
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.141 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:149 Resp: 12480

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.5	32.3
279	3.9	3.1	4.7



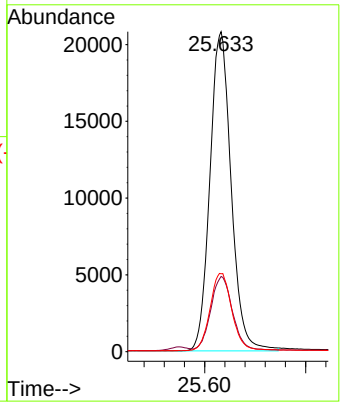
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

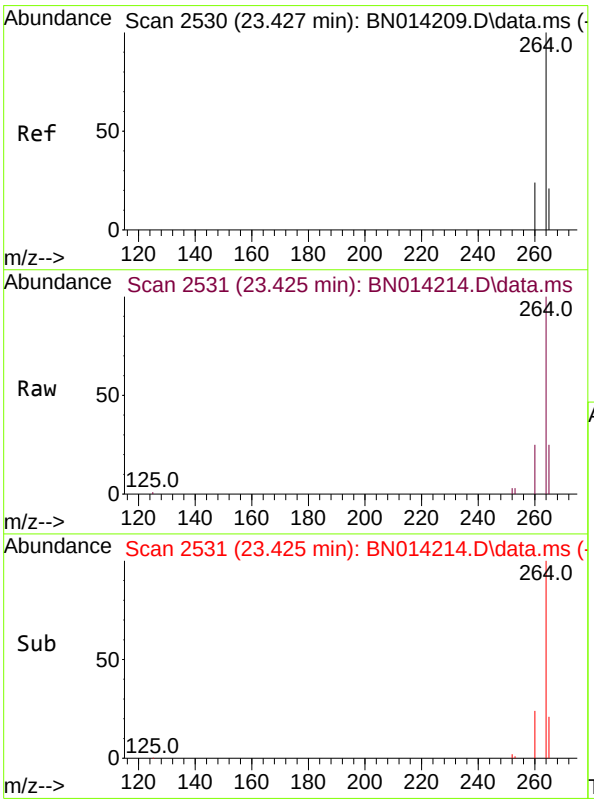


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 25.633 min Scan# 3176
Delta R.T. 0.001 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:276 Resp: 60723

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.6	28.0
277	24.9	19.8	29.8

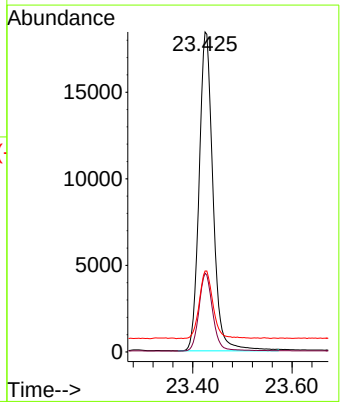


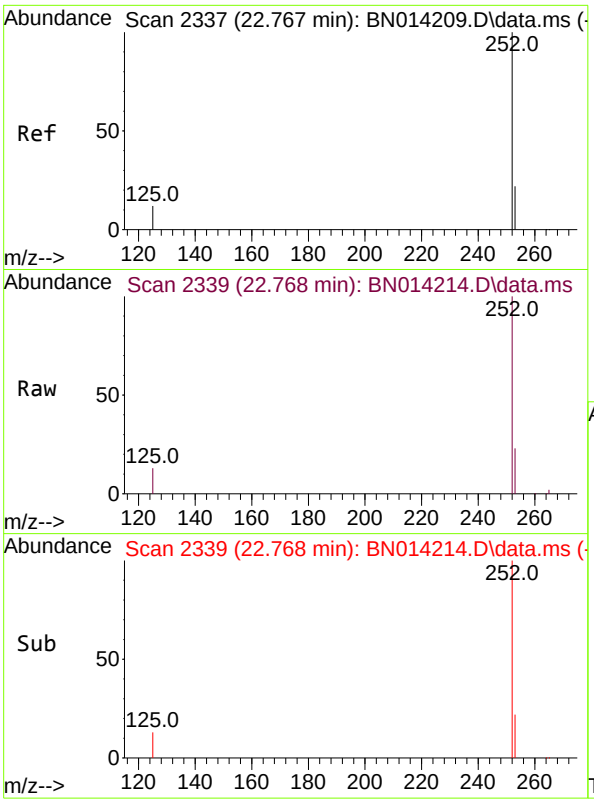


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.425 min Scan# 2531
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:264 Resp: 35736

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	25.3	20.7	31.1

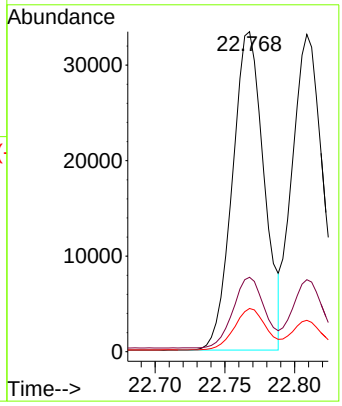




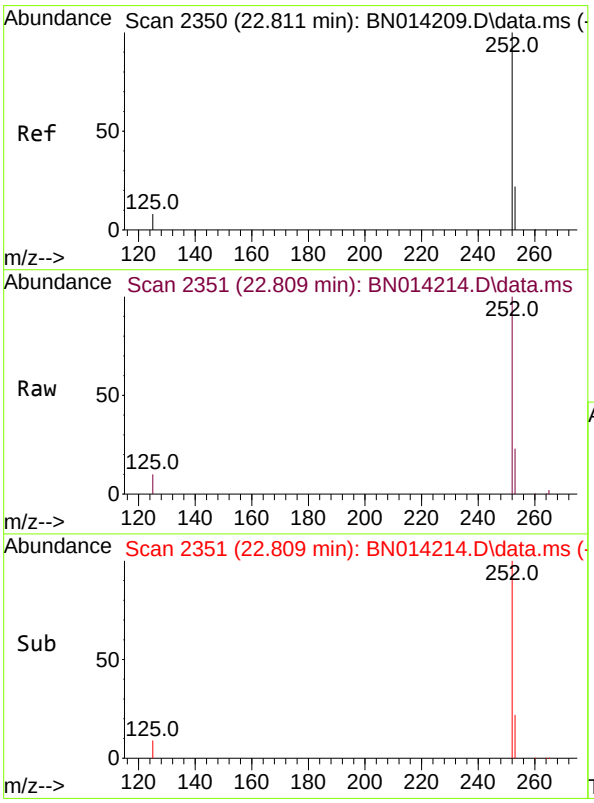
#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.768 min Scan# 2339
Delta R.T. 0.001 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:252 Resp: 52530

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	13.5	10.1	15.1



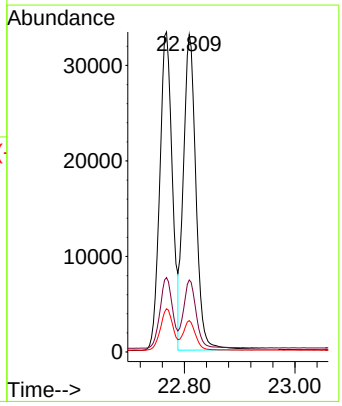
Instrument :
BNA_N
ClientSampleId :
ICVBN040621



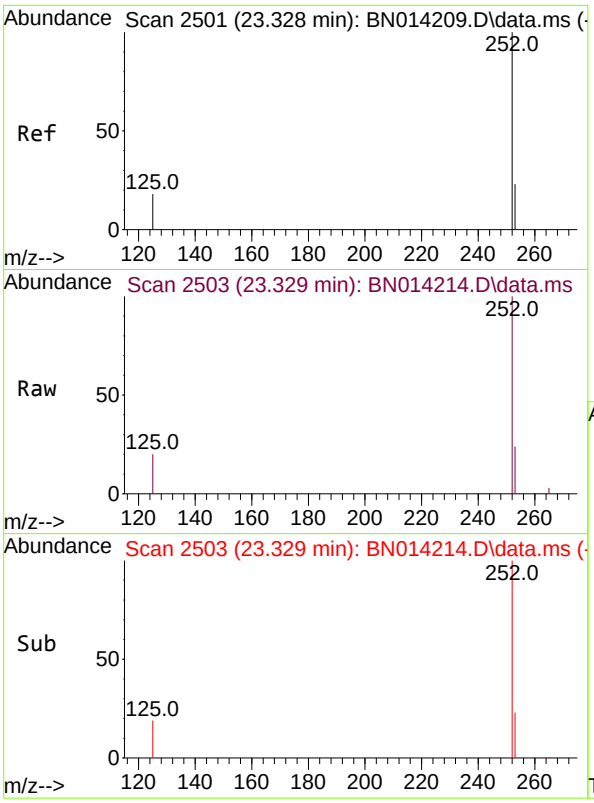
#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.809 min Scan# 2351
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:252 Resp: 52226

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	9.9	7.9	11.9



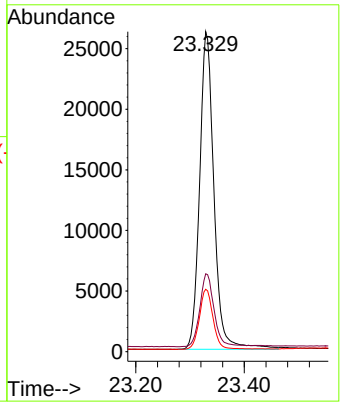
Instrument :
BNA_N
ClientSampleId :
ICVBN040621

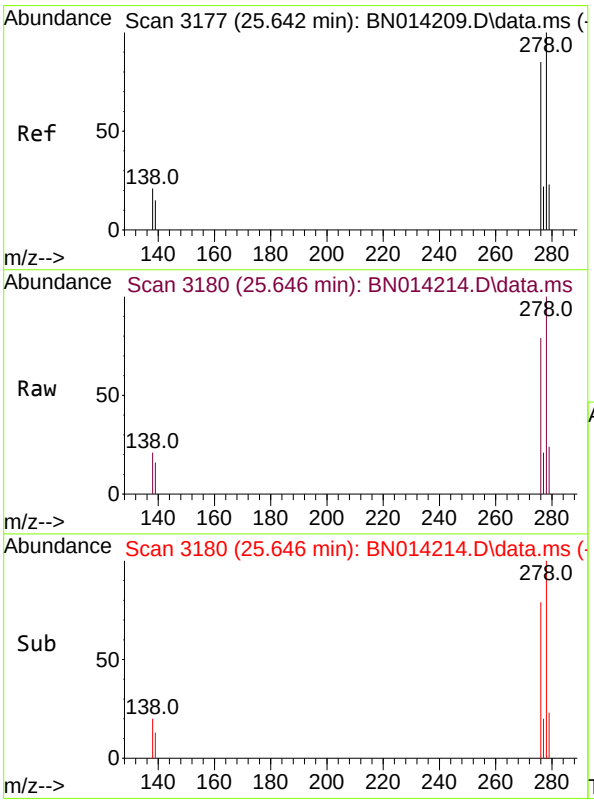


#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.329 min Scan# 2503
Delta R.T. 0.001 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:252 Resp: 48255

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.0
125	19.5	15.0	22.6

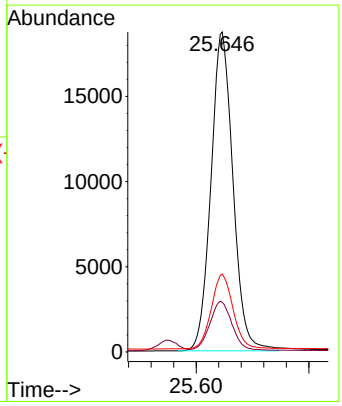


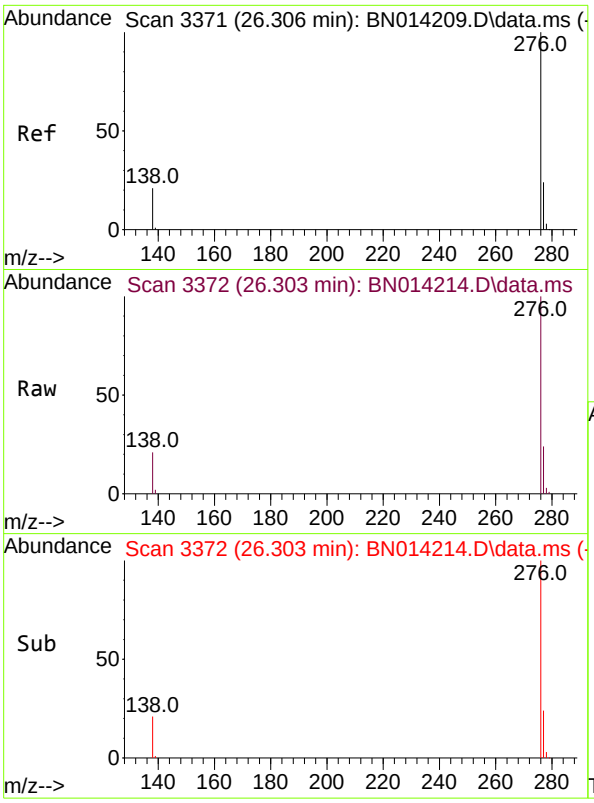


#40
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 25.646 min Scan# 3180
Delta R.T. 0.004 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:278 Resp: 50794

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	24.4	19.4	29.2

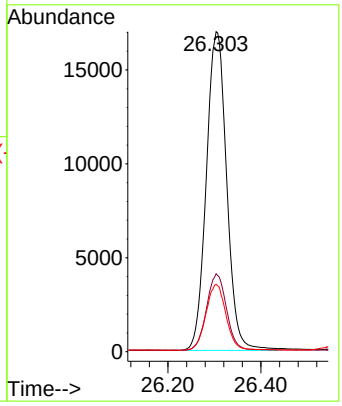




#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.303 min Scan# 3372
Delta R.T. -0.003 min
Lab File: BN014214.D
Acq: 05 Apr 2021 22:01

Tgt Ion:276 Resp: 51486

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	21.0	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
ICVBN040621