Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050321\
Data File : BN014522.D
Acq On : 03 May 2021 19:21
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN050321

Quant Time: May 04 00:59:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 03 19:31:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.620	152	5768	0.40	ng		0.00
7) Naphthalene-d8	10.391	136	20388	0.40	ng		# 0.00
13) Acenaphthene-d10	14.257	164	10787	0.40	ng		0.00
19) Phenanthrene-d10	17.007	188	21072	0.40	ng		# 0.00
29) Chrysene-d12	21.208	240	18717	0.40	ng		0.00
35) Perylene-d12	23.397	264	17742	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	4420	0.38	ng		0.00
5) Phenol-d6	6.790	99	4410	0.35	ng		0.00
8) Nitrobenzene-d5	8.769	82	5244	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.991	152	12608	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	1146	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.875	172	15730	0.41	ng		0.00
27) Fluoranthene-d10	19.044	212	22227	0.40	ng		0.00
31) Terphenyl-d14	19.650	244	17204	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	2906	0.40	ng	#	75
3) n-Nitrosodimethylamine	3.537	42	1336	0.35	ng	#	43
6) bis(2-Chloroethyl)ether	7.056	93	5461	0.40	ng		94
9) Naphthalene	10.442	128	21873	0.43	ng		100
10) Hexachlorobutadiene	10.733	225	4386	0.45	ng	#	99
12) 2-Methylnaphthalene	12.066	142	13647	0.42	ng		98
16) Acenaphthylene	13.978	152	16371	0.40	ng		100
17) Acenaphthene	14.321	154	12060	0.41	ng		98
18) Fluorene	15.311	166	14693	0.41	ng		100
20) 4,6-Dinitro-2-methylph...	15.399	198	400	0.36	ng	#	1
21) 4-Bromophenyl-phenylether	16.204	248	4387	0.42	ng	#	90
22) Hexachlorobenzene	16.313	284	6125	0.45	ng		97
23) Atrazine	16.483	200	2565	0.37	ng		96
24) Pentachlorophenol	16.666	266	845	0.48	ng	#	40
25) Phenanthrene	17.043	178	23497	0.41	ng		100
26) Anthracene	17.141	178	17439	0.39	ng		100
28) Fluoranthene	19.074	202	24772	0.41	ng		99
30) Pyrene	19.437	202	24772	0.41	ng		99
32) Benzo(a)anthracene	21.186	228	20258	0.44	ng		100
33) Chrysene	21.239	228	24054	0.41	ng		99
34) Bis(2-ethylhexyl)phtha...	21.133	149	8620	0.46	ng		98
36) Indeno(1,2,3-cd)pyrene	25.588	276	24292	0.40	ng		98
37) Benzo(b)fluoranthene	22.740	252	22990	0.41	ng		98
38) Benzo(k)fluoranthene	22.784	252	28991	0.42	ng		100
39) Benzo(a)pyrene	23.301	252	23411	0.43	ng	#	90
40) Dibenzo(a,h)anthracene	25.605	278	19449	0.39	ng		99
41) Benzo(g,h,i)perylene	26.255	276	24804	0.41	ng		99

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

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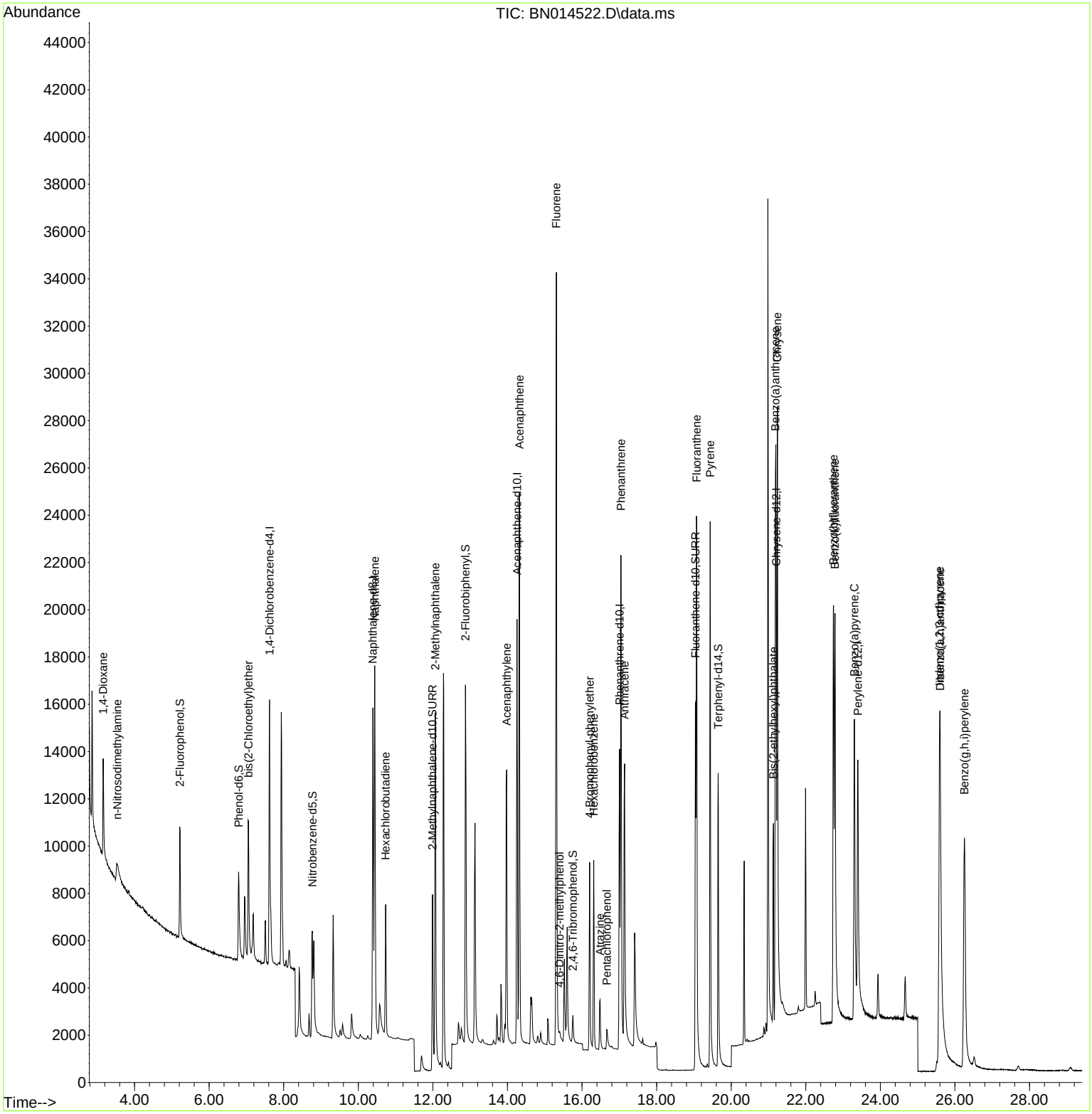
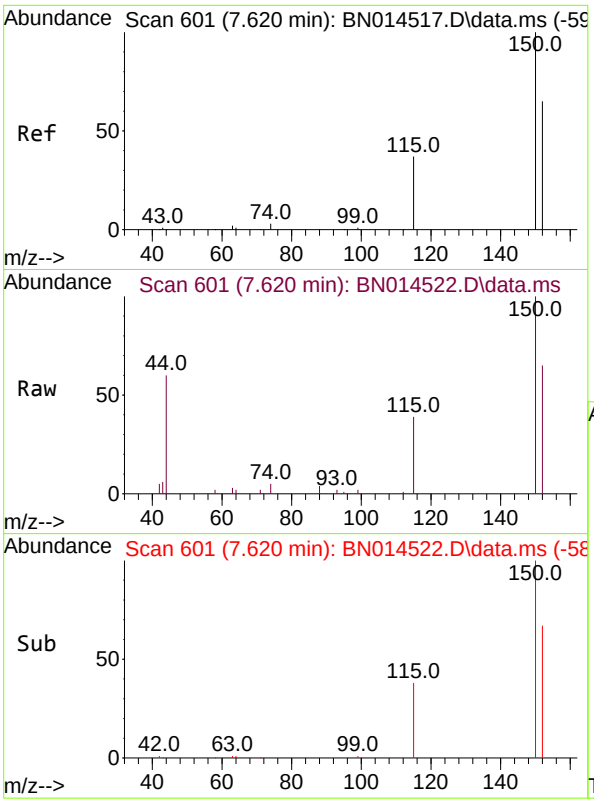
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050321\
Data File : BN014522.D
Acq On : 03 May 2021 19:21
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN050321

Quant Time: May 04 00:59:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 03 19:31:57 2021
Response via : Initial Calibration



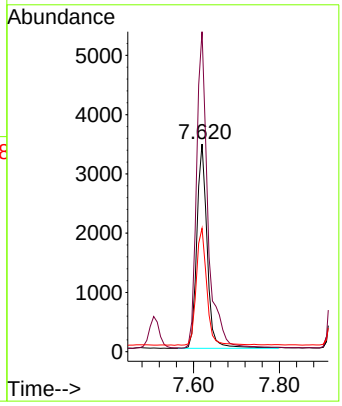
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

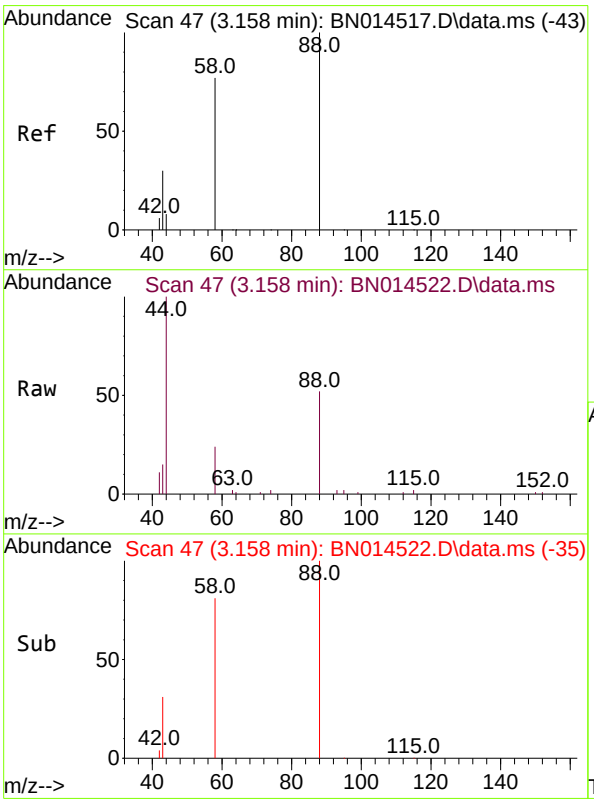


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.620 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:152 Resp: 5768

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.8
115	59.4	47.0	70.4

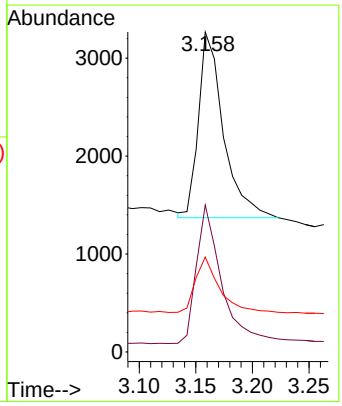




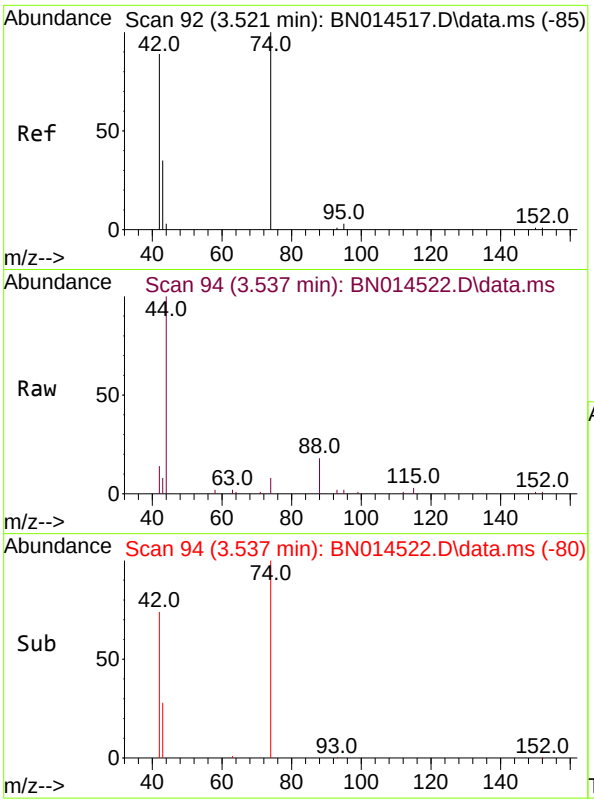
#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.158 min Scan# 47
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion: 88 Resp: 2906

Ion	Ratio	Lower	Upper
88	100		
58	75.4	44.4	66.6#
43	28.3	15.9	23.9#



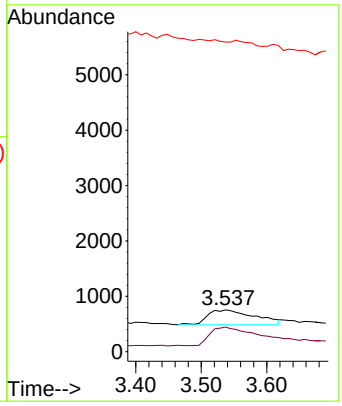
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

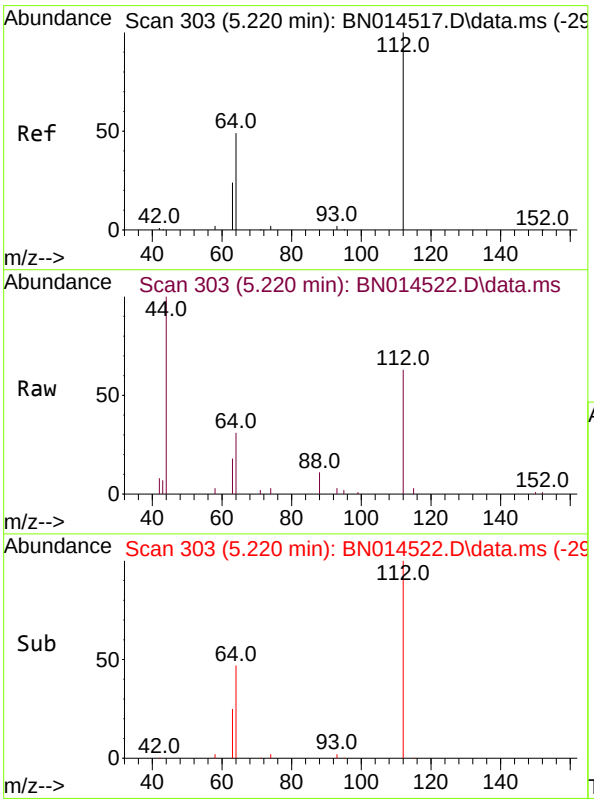


#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.537 min Scan# 94
Delta R.T. 0.016 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion: 42 Resp: 1336

Ion	Ratio	Lower	Upper
42	100		
74	124.7	175.1	262.7#
44	0.0	7.5	11.3#

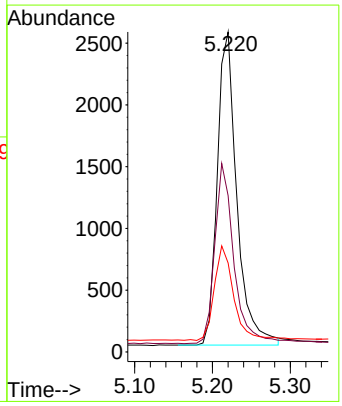


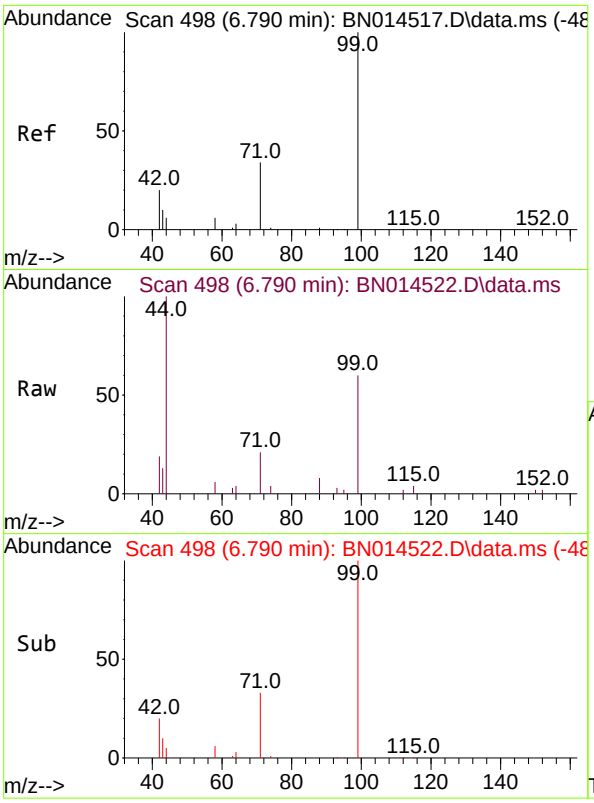


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.220 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:112 Resp: 4420

Ion	Ratio	Lower	Upper
112	100		
64	56.1	41.8	62.6
63	29.9	22.0	33.0

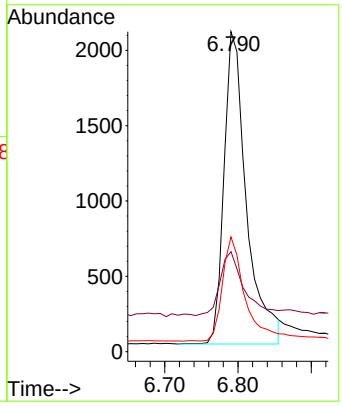




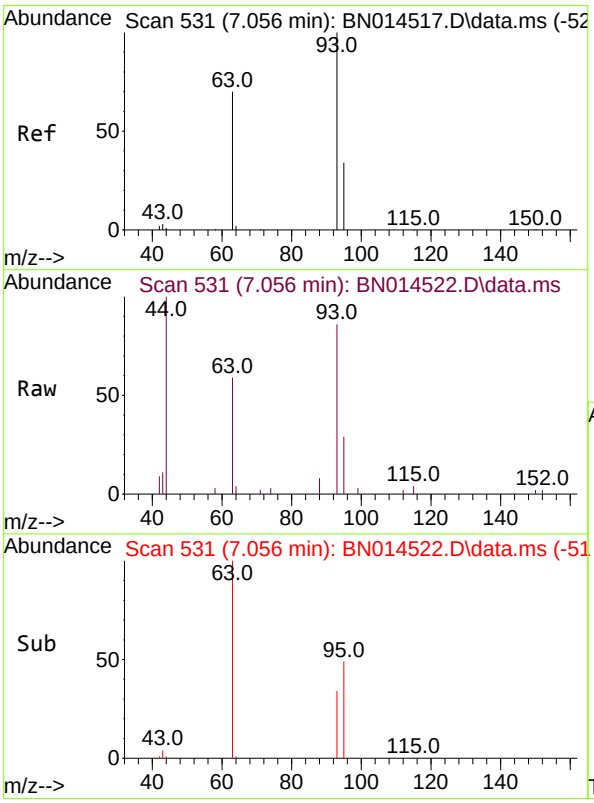
#5
Phenol-d6
Concen: 0.35 ng
RT: 6.790 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion: 99 Resp: 4410

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.2	19.8#
71	33.0	26.2	39.2



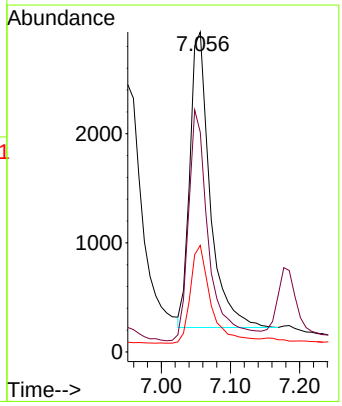
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

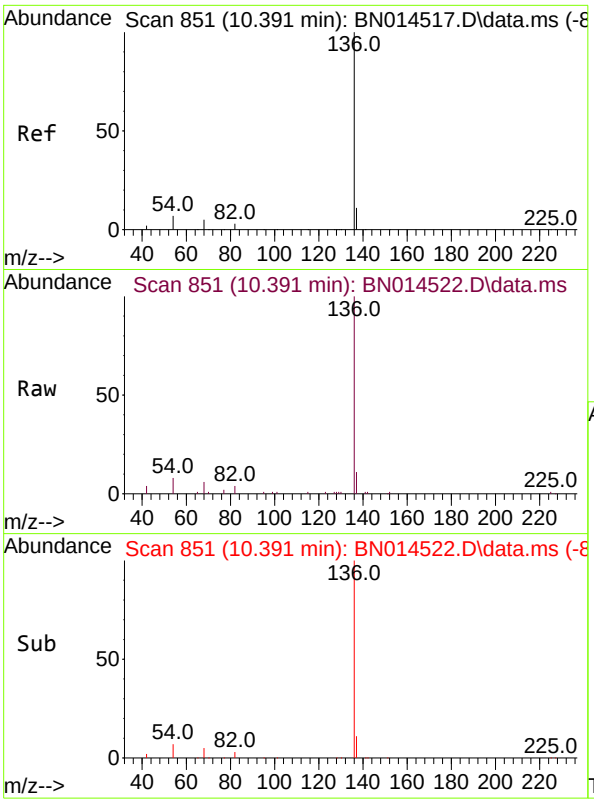


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.056 min Scan# 531
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion: 93 Resp: 5461

Ion	Ratio	Lower	Upper
93	100		
63	79.6	58.0	87.0
95	34.4	27.0	40.6

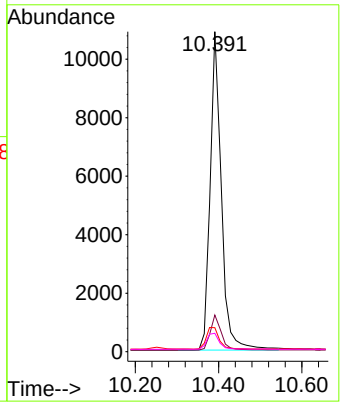


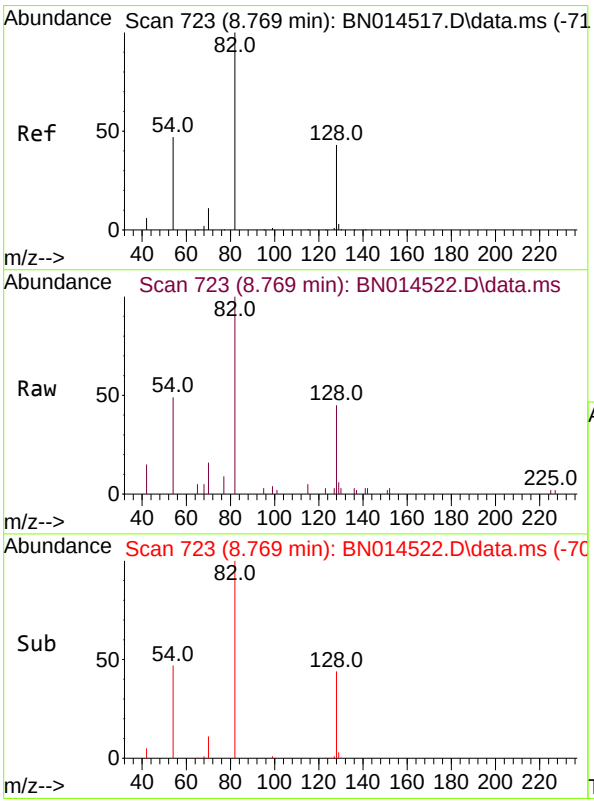


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.391 min Scan# 851
Delta R.T. -0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:136 Resp: 20388

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	3.8	5.8#
68	5.8	3.8	5.6#

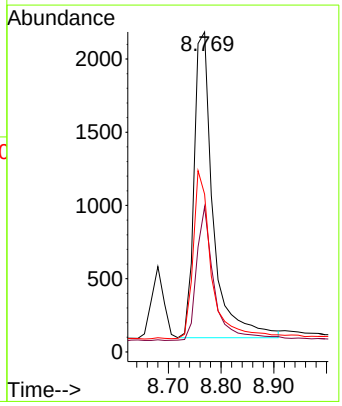




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.769 min Scan# 723
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion: 82 Resp: 5244

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.5	44.3#
54	49.3	36.9	55.3



Instrument :
BNA_N
ClientSampleId :
ICVBN050321

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BNA_N
ClientSampleId :
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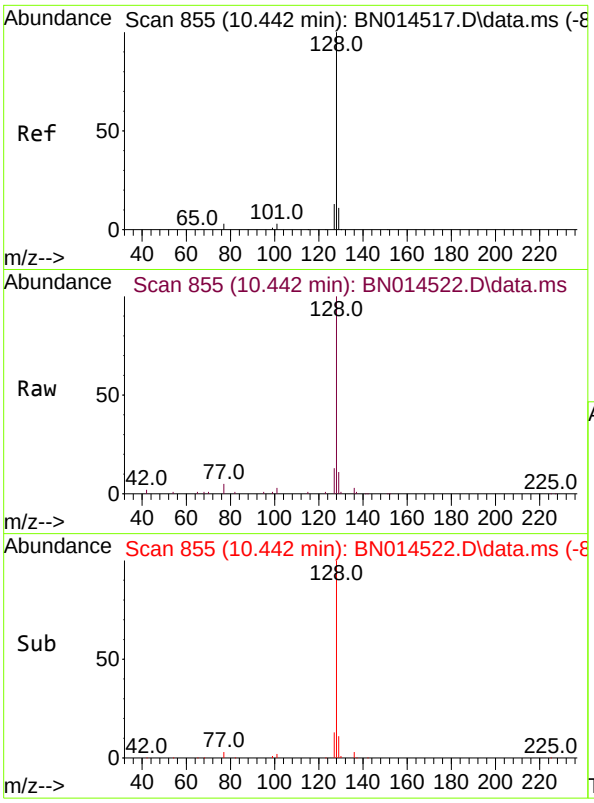
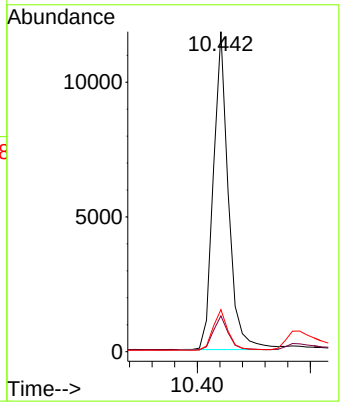
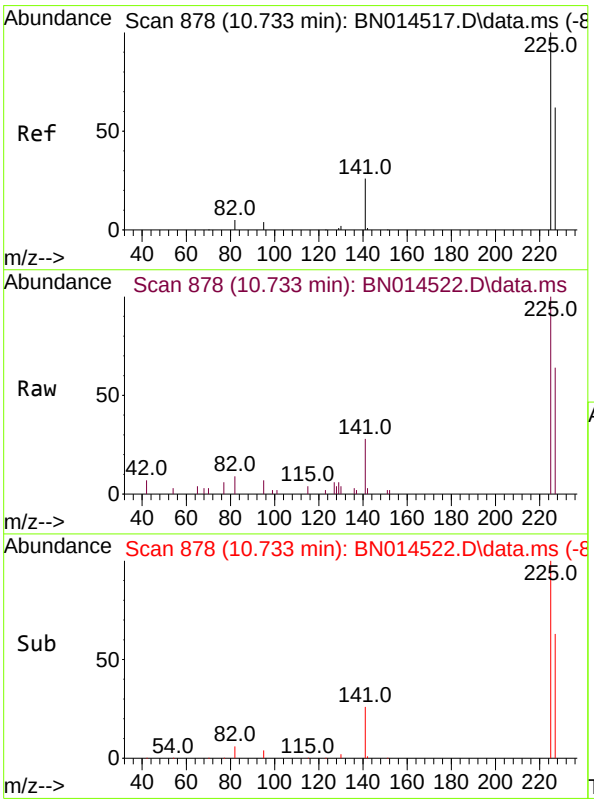


#9
Naphthalene
Concen: 0.43 ng
RT: 10.442 min Scan# 855
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:128 Resp: 21873

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.4	15.6

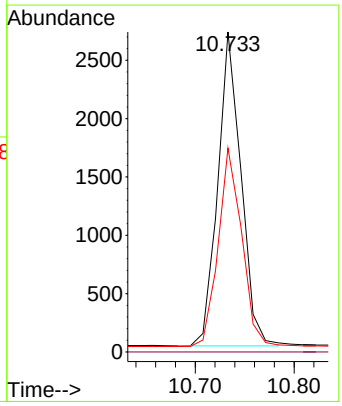




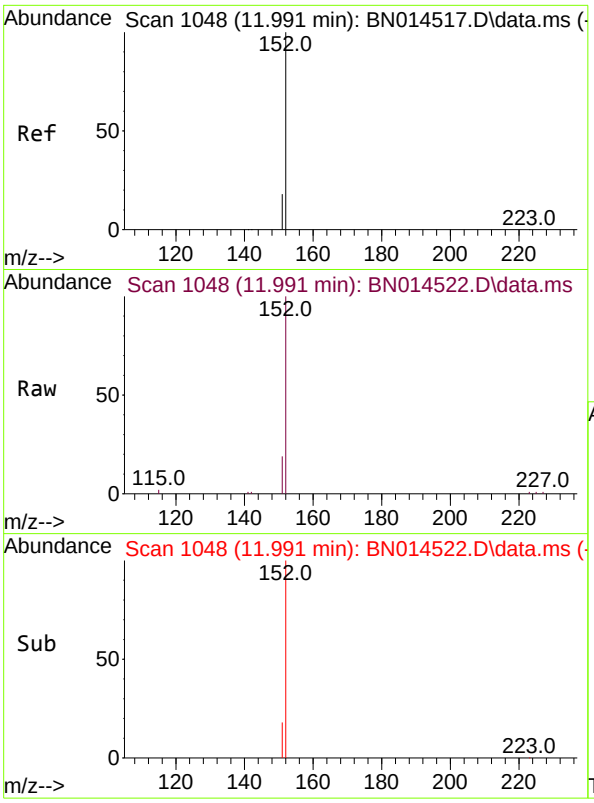
#10
Hexachlorobutadiene
Concen: 0.45 ng
RT: 10.733 min Scan# 878
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:225 Resp: 4386

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.9	76.3



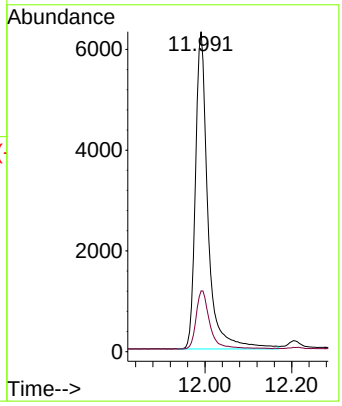
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

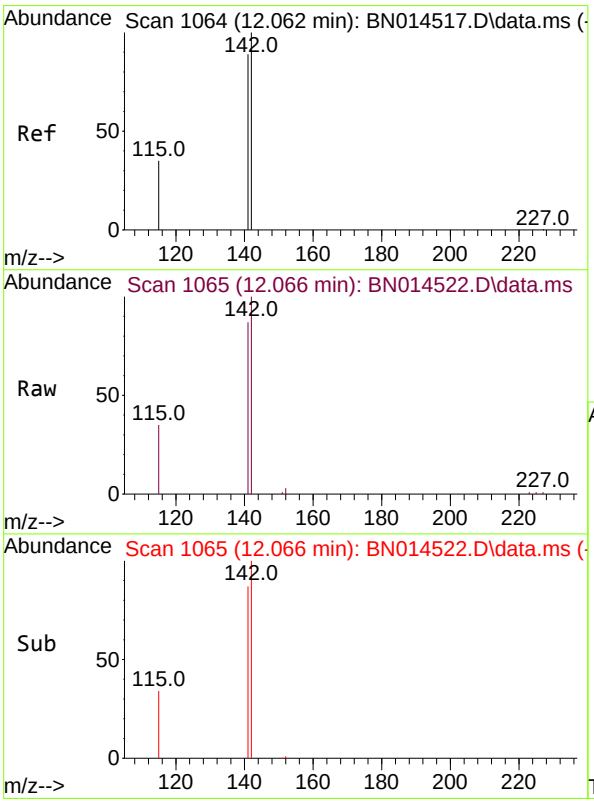


#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 11.991 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:152 Resp: 12608

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

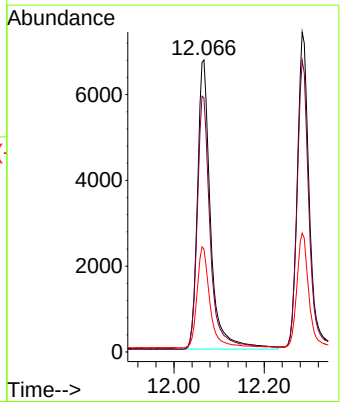




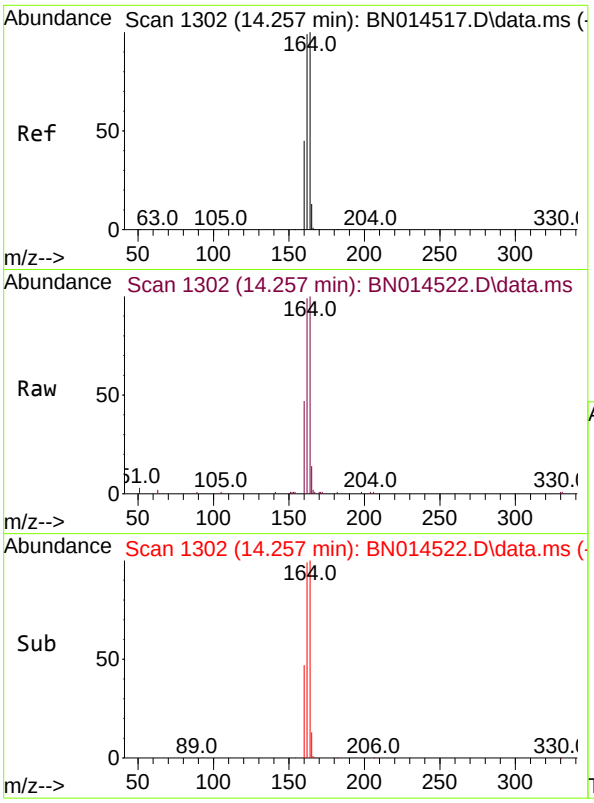
#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.066 min Scan# 1065
Delta R.T. 0.005 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:142 Resp: 13647

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.2	105.4
115	35.2	26.7	40.1



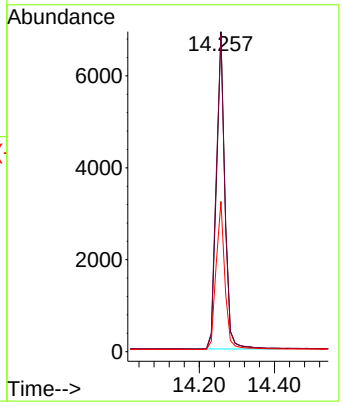
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

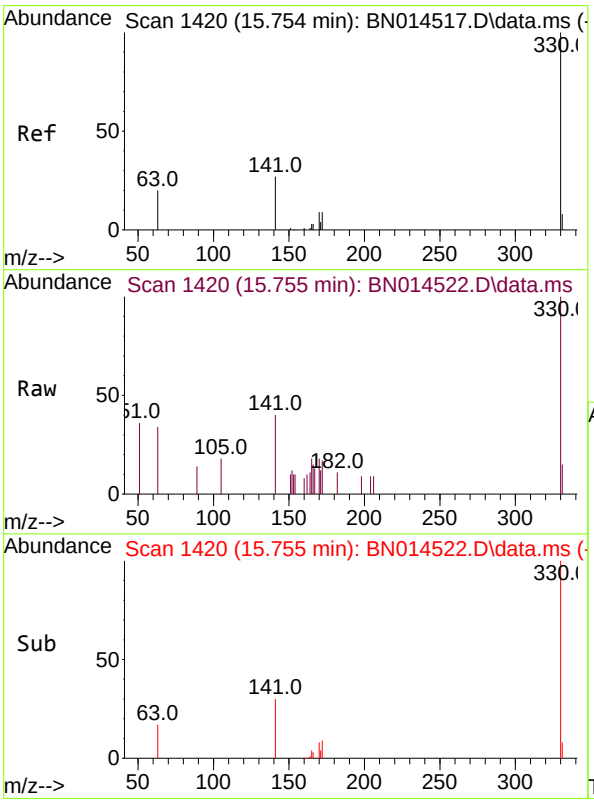


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.257 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:164 Resp: 10787

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.6	118.0
160	47.0	35.8	53.8

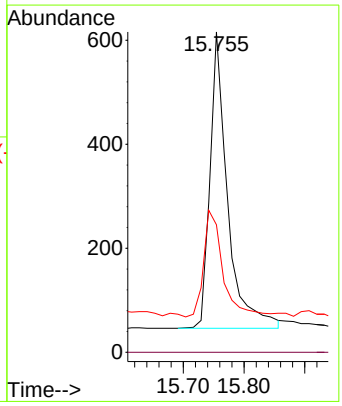




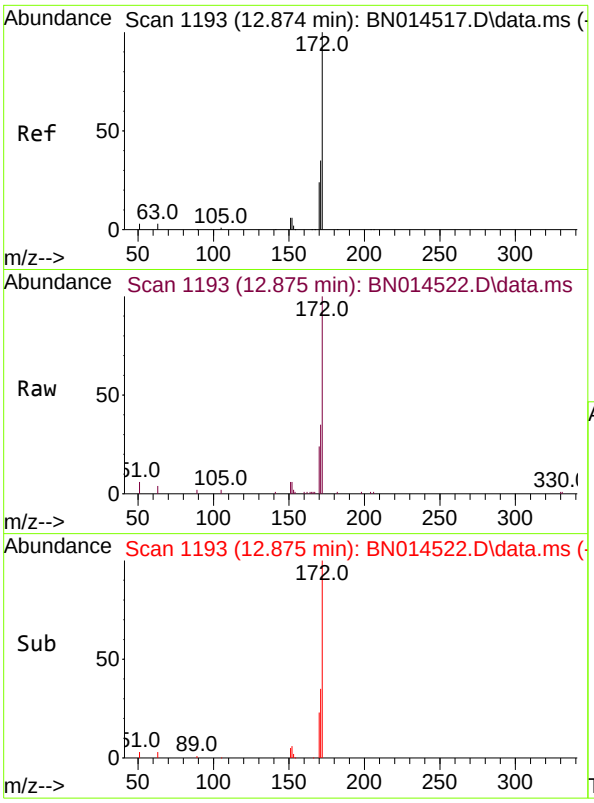
#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.755 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:330 Resp: 1146

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	27.0	40.4



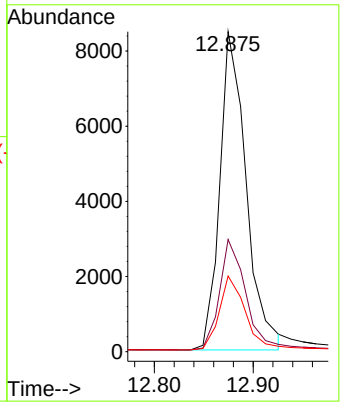
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

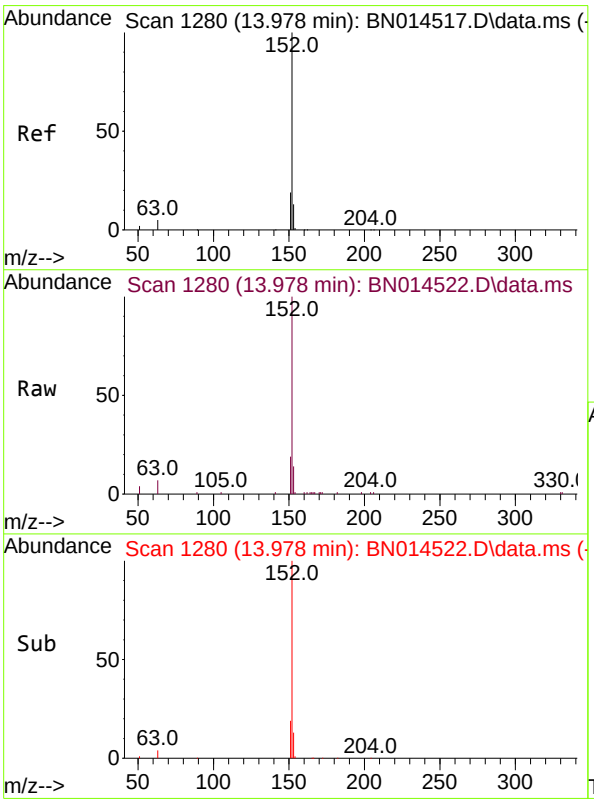


#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.875 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:172 Resp: 15730

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.1	40.7
170	23.7	18.3	27.5

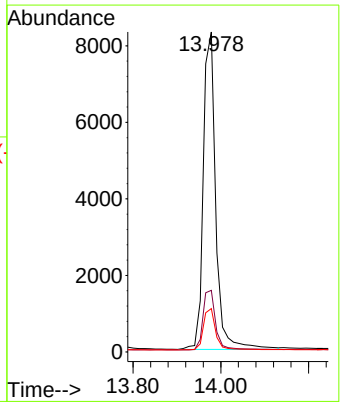




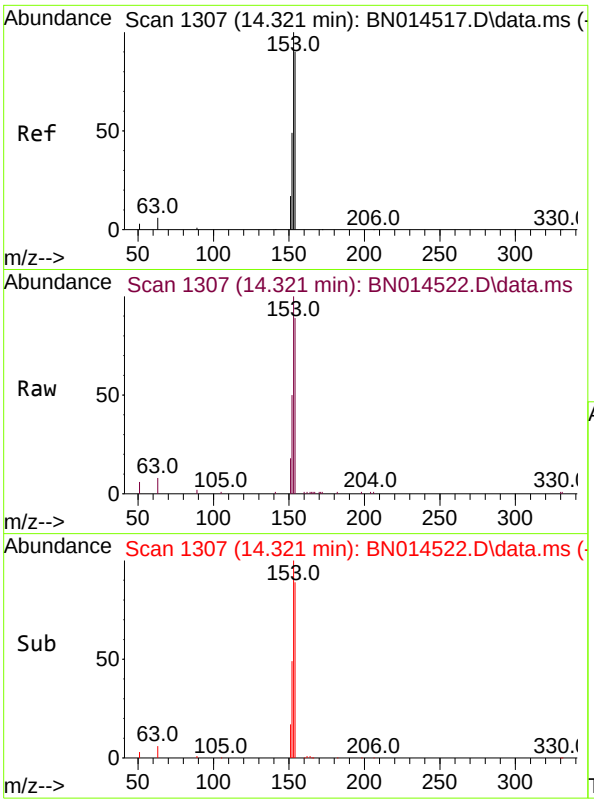
#16
Acenaphthylene
Concen: 0.40 ng
RT: 13.978 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:152 Resp: 16371

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.5	15.7



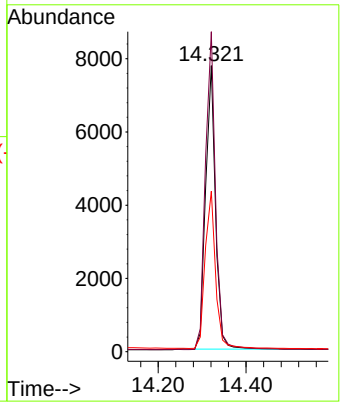
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

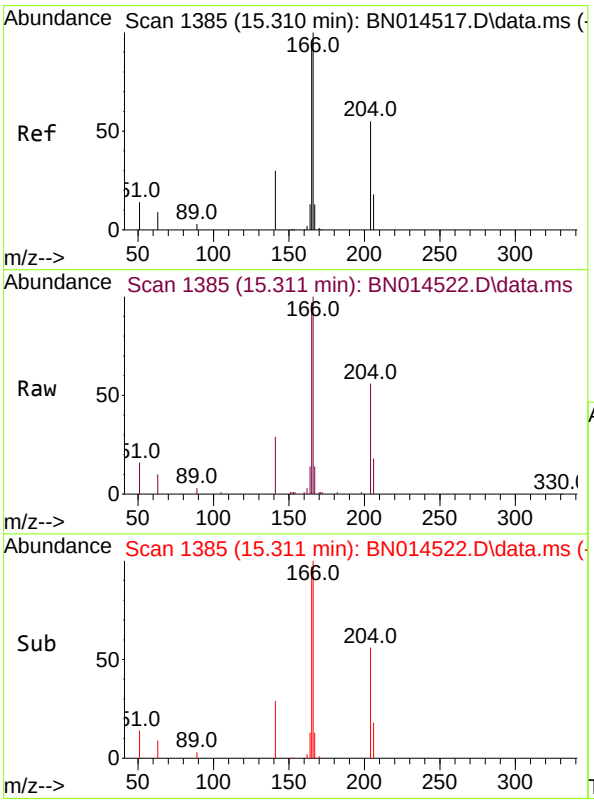


#17
Acenaphthene
Concen: 0.41 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:154 Resp: 12060

Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.2	135.4
152	58.8	46.2	69.2

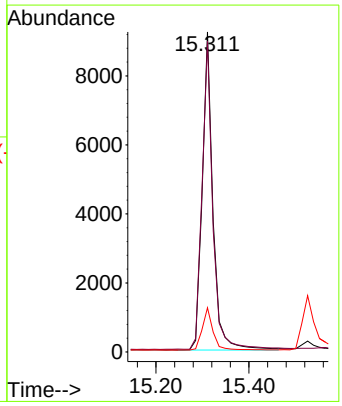




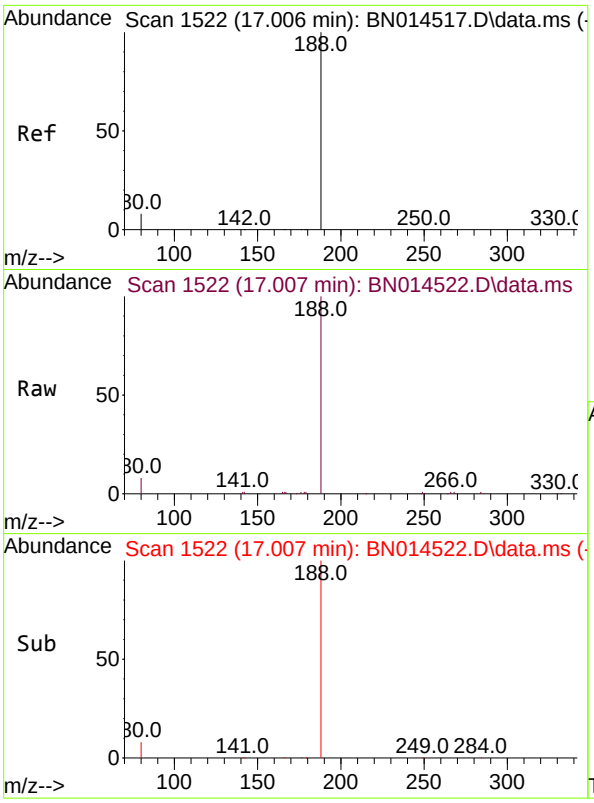
#18
Fluorene
Concen: 0.41 ng
RT: 15.311 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:166 Resp: 14693

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.4	10.7	16.1



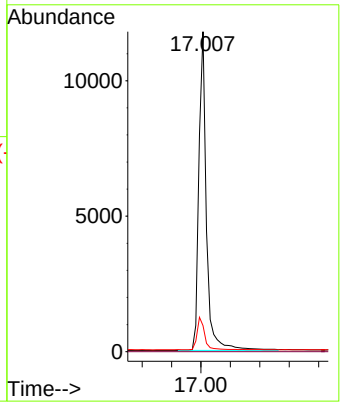
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

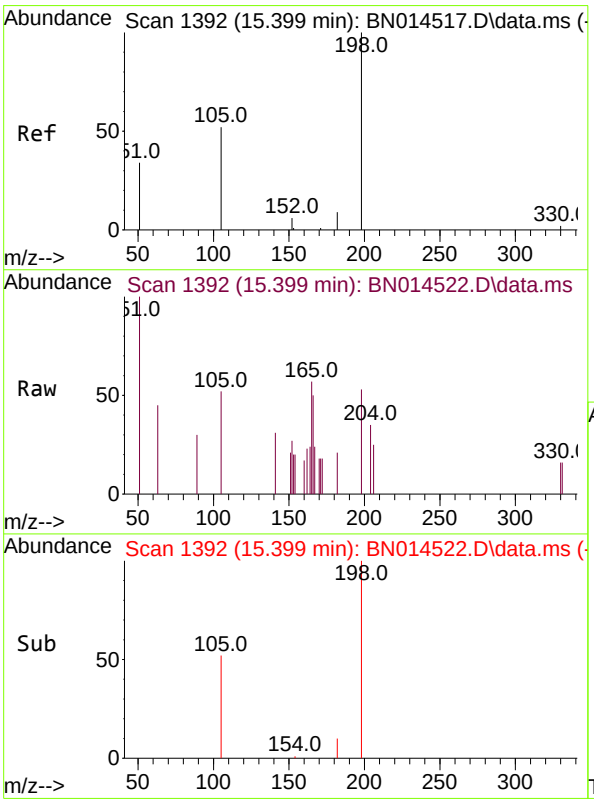


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.007 min Scan# 1522
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:188 Resp: 21072

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	5.2	7.8#

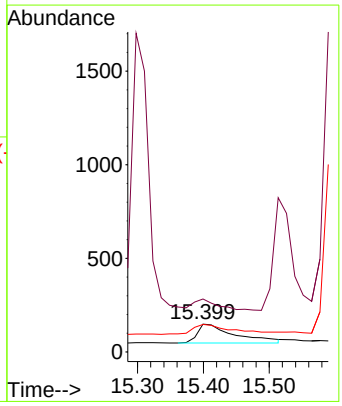




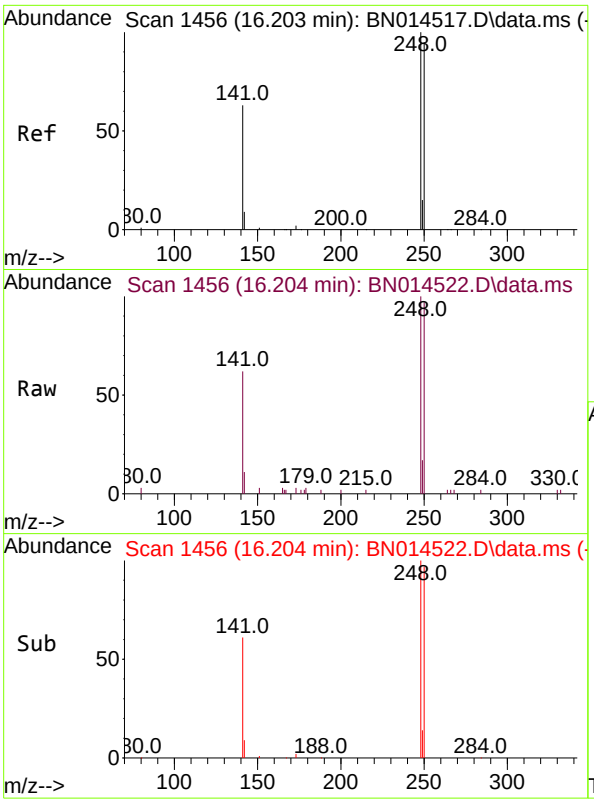
#20
4,6-Dinitro-2-methylphenol
Concen: 0.36 ng
RT: 15.399 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:198 Resp: 400

Ion	Ratio	Lower	Upper
198	100		
51	189.9	865.3	1297.9#
105	98.7	93.6	140.4



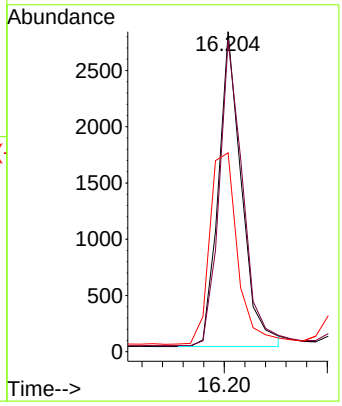
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

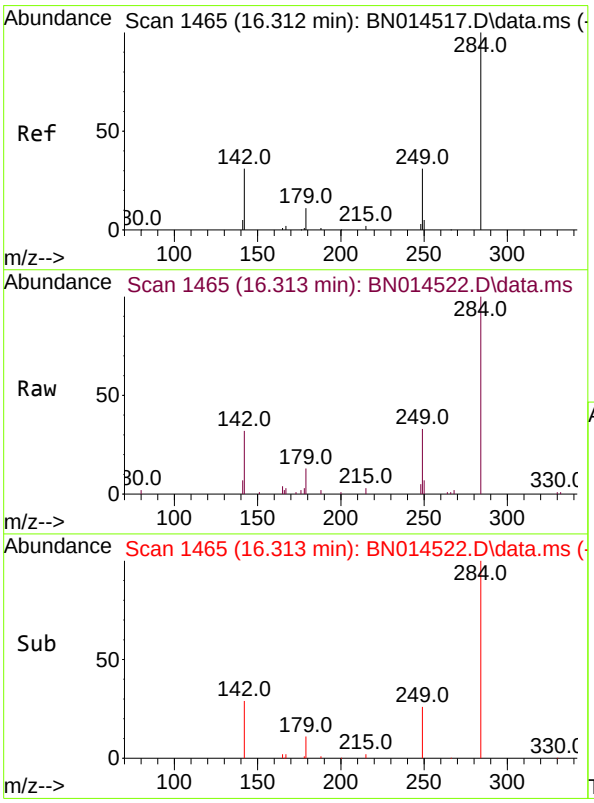


#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.204 min Scan# 1456
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:248 Resp: 4387

Ion	Ratio	Lower	Upper
248	100		
250	97.2	80.5	120.7
141	62.2	37.2	55.8#

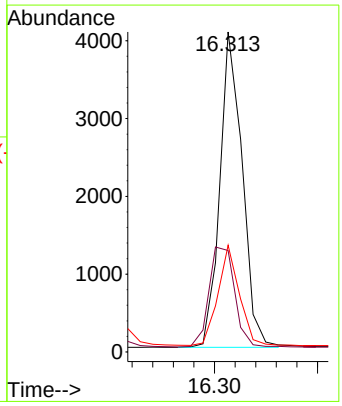




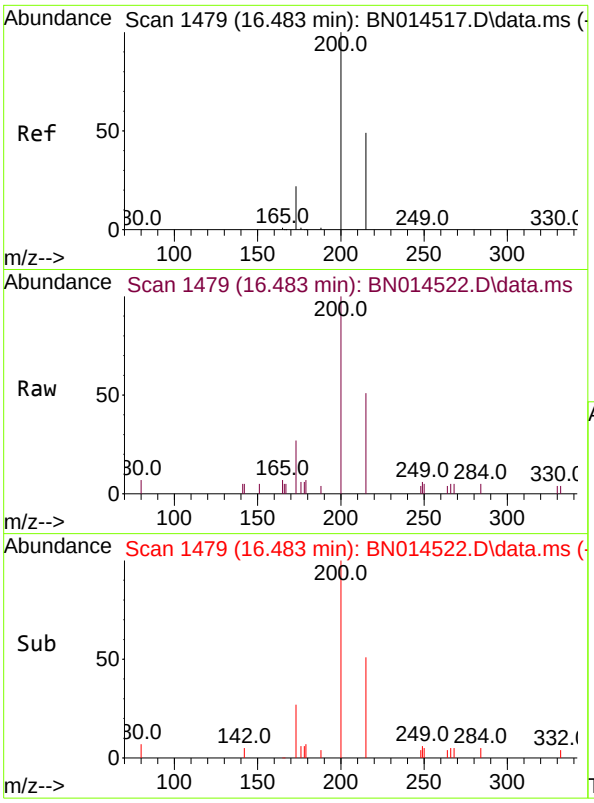
#22
Hexachlorobenzene
Concen: 0.45 ng
RT: 16.313 min Scan# 1465
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:284 Resp: 6125

Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.6	39.8
249	30.1	23.6	35.4



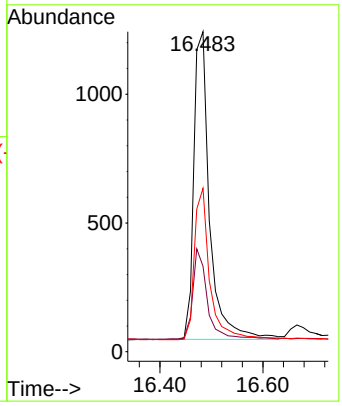
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

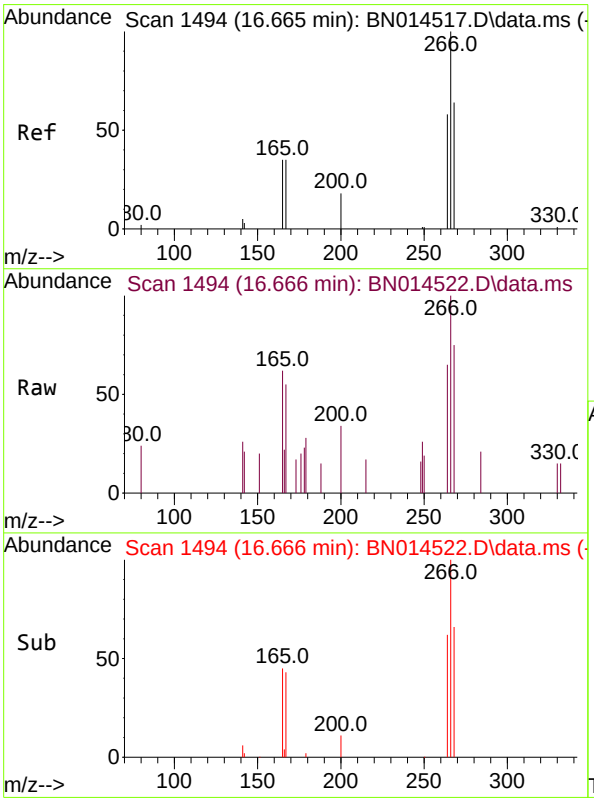


#23
Atrazine
Concen: 0.37 ng
RT: 16.483 min Scan# 1479
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:200 Resp: 2565

Ion	Ratio	Lower	Upper
200	100		
173	26.7	23.0	34.6
215	51.1	38.6	57.8

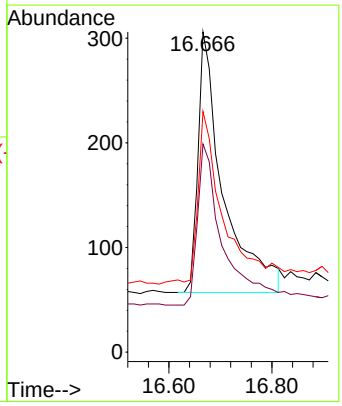




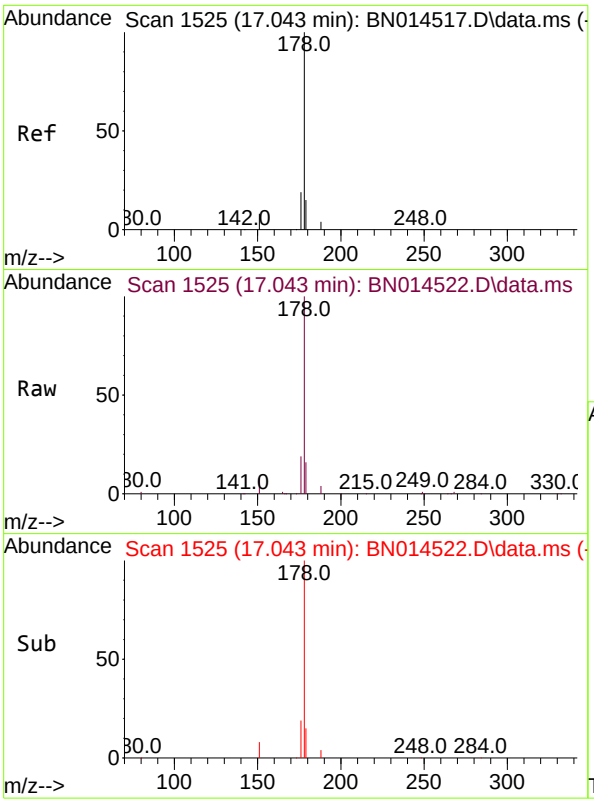
#24
Pentachlorophenol
Concen: 0.48 ng
RT: 16.666 min Scan# 1494
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:266 Resp: 845

Ion	Ratio	Lower	Upper
266	100		
264	63.3	24.2	36.4#
268	64.1	25.2	37.8#



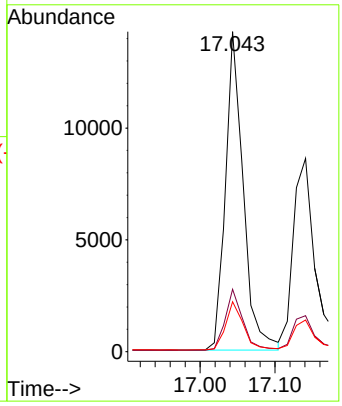
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

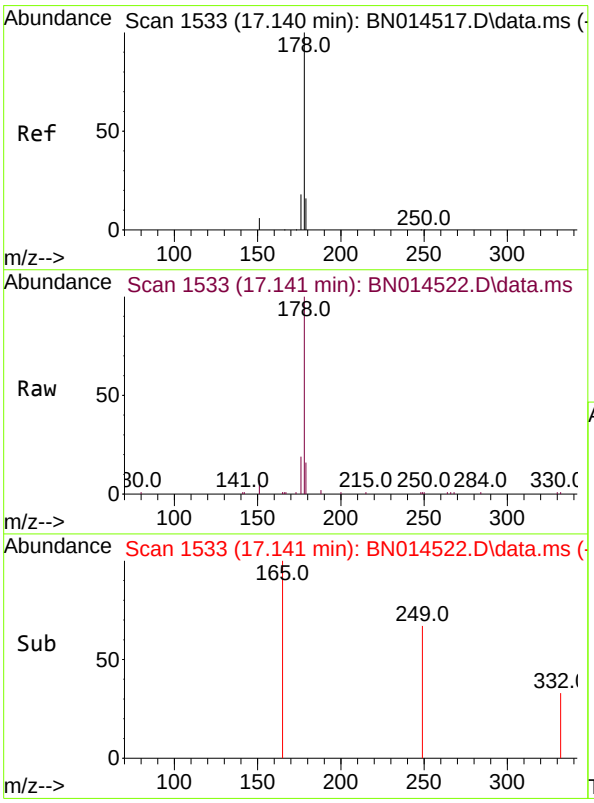


#25
Phenanthrene
Concen: 0.41 ng
RT: 17.043 min Scan# 1525
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:178 Resp: 23497

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.4	18.6

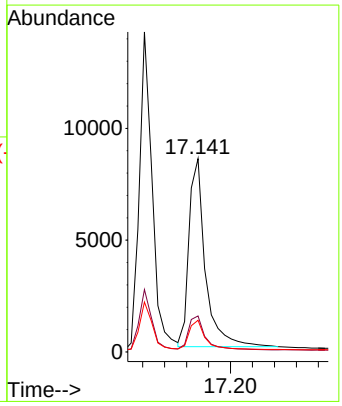




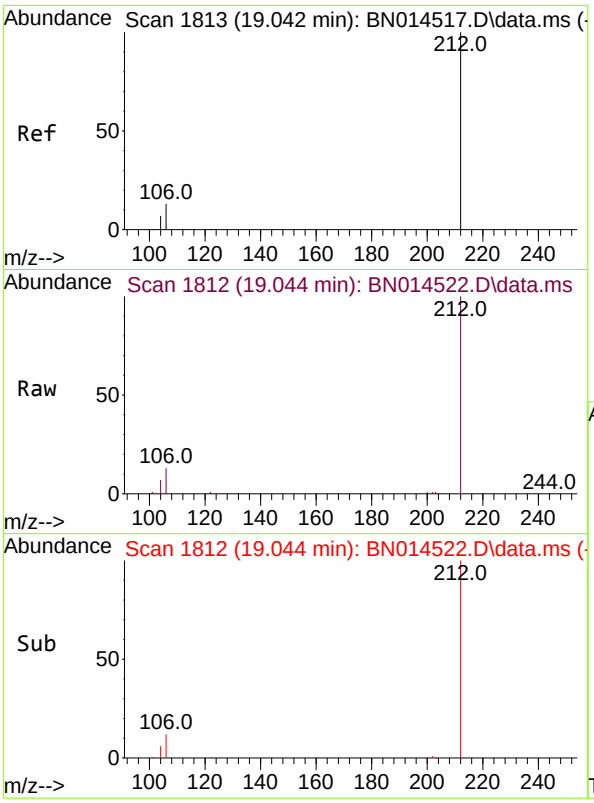
#26
Anthracene
Concen: 0.39 ng
RT: 17.141 min Scan# 1533
Delta R.T. 0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:178 Resp: 17439

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.2	12.2	18.2



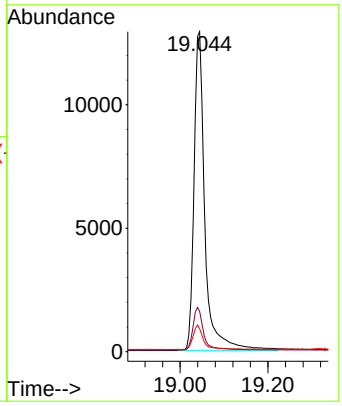
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

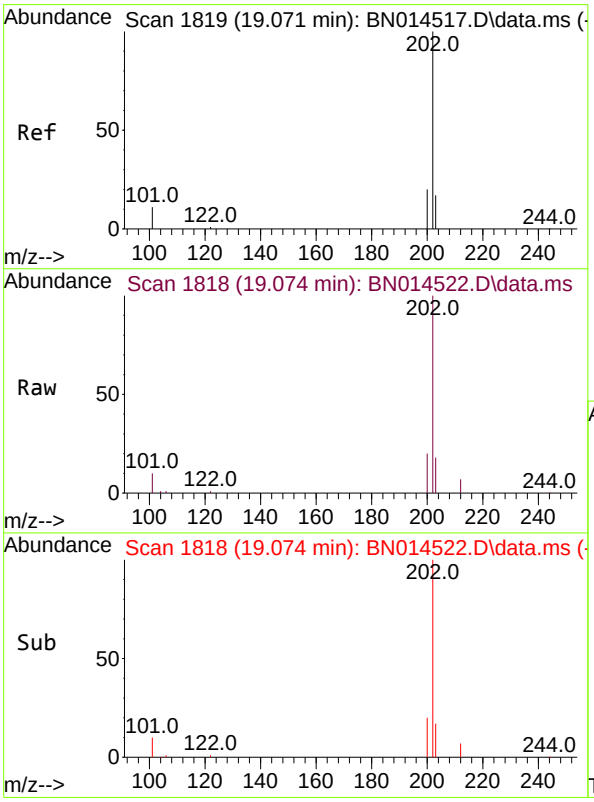


#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.044 min Scan# 1812
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:212 Resp: 22227

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.1	15.1
104	7.2	5.4	8.2

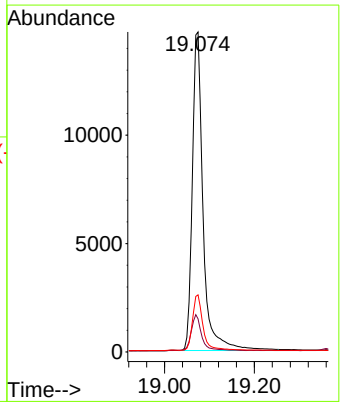




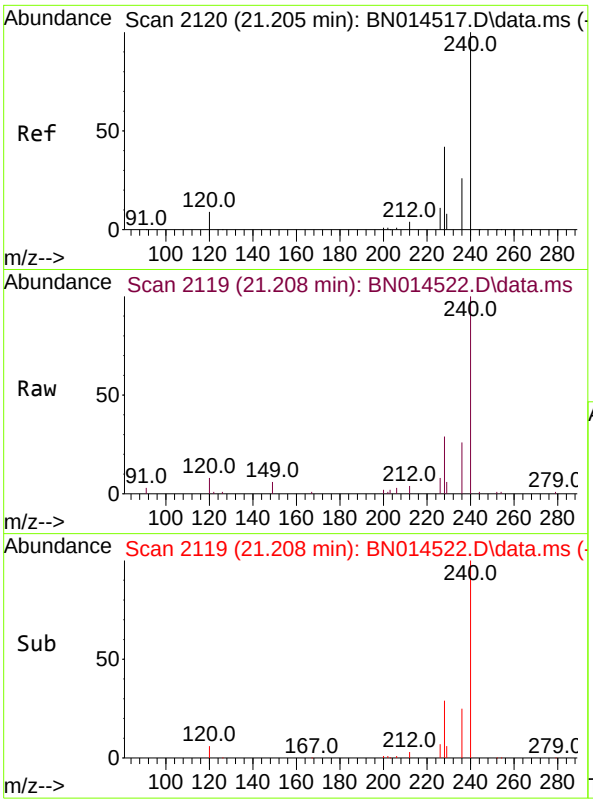
#28
Fluoranthene
Concen: 0.41 ng
RT: 19.074 min Scan# 1818
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:202 Resp: 24772

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.4	12.6
203	16.9	13.5	20.3



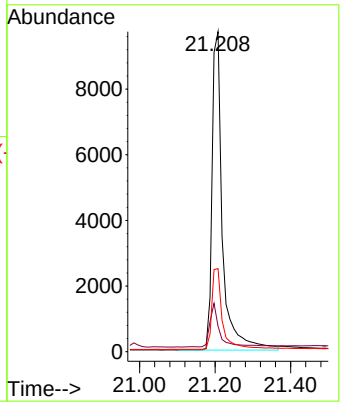
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

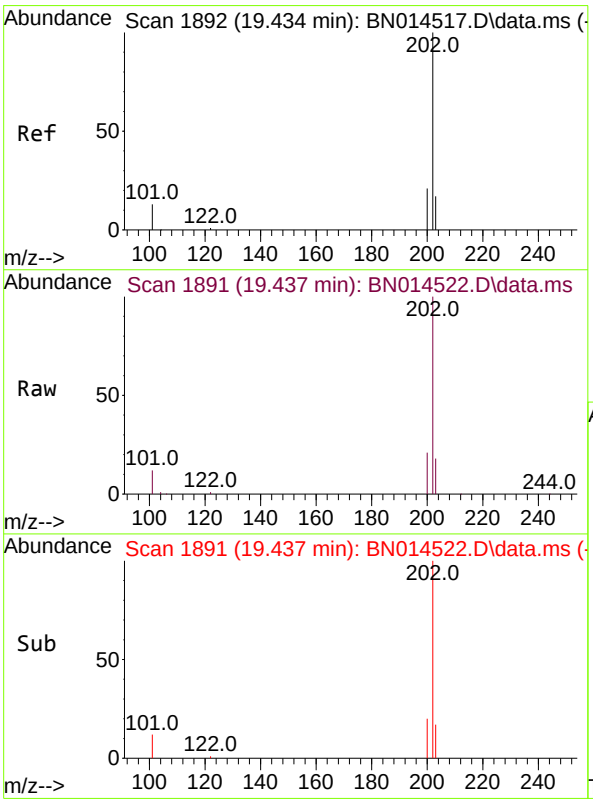


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.208 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:240 Resp: 18717

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.8	8.8
236	25.9	20.6	30.8

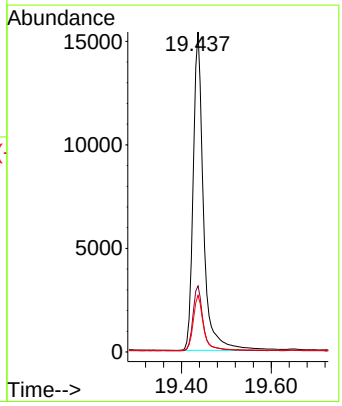




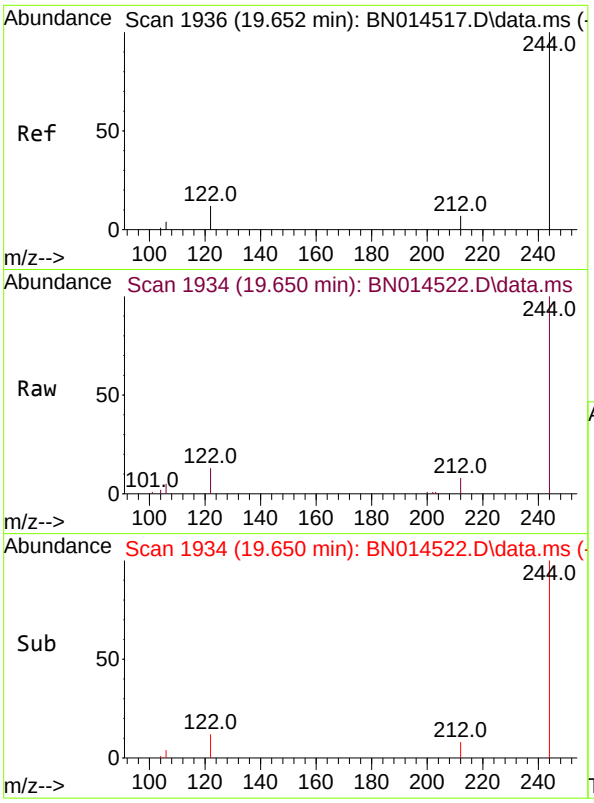
#30
Pyrene
Concen: 0.41 ng
RT: 19.437 min Scan# 1891
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:202 Resp: 24772

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.1	14.0	21.0



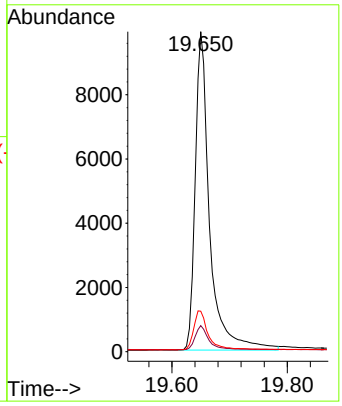
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

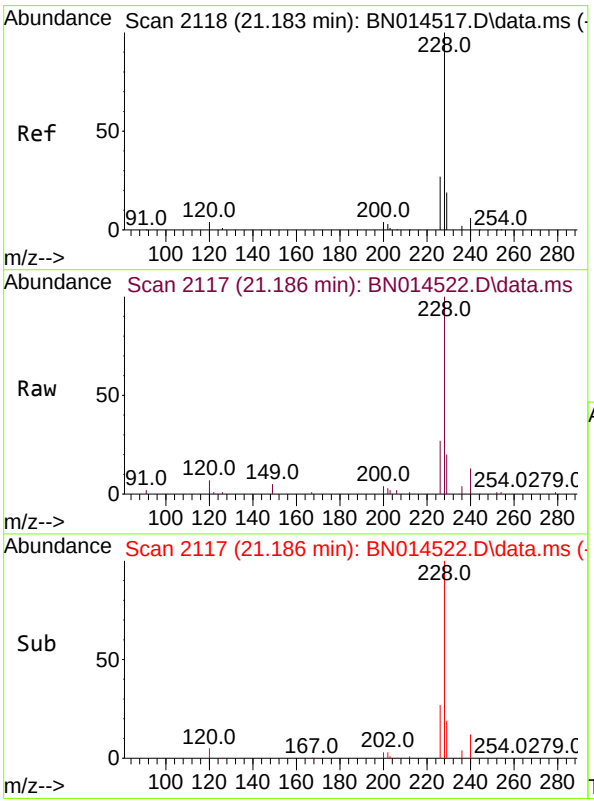


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.650 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:244 Resp: 17204

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	12.7	9.3	13.9

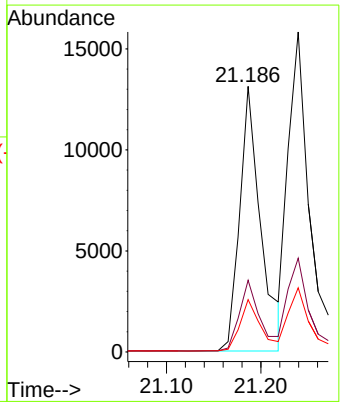




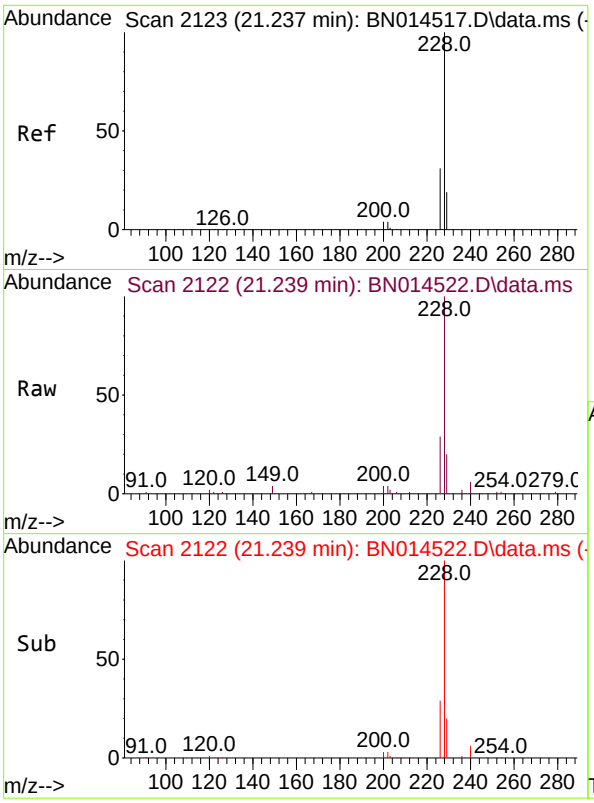
#32
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.186 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:228 Resp: 20258

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.7	15.7	23.5



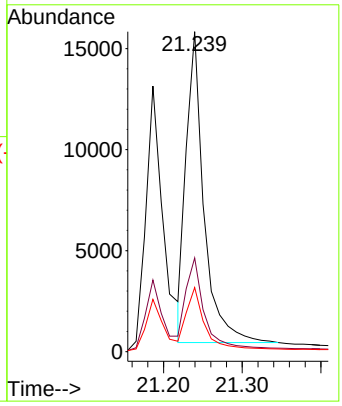
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

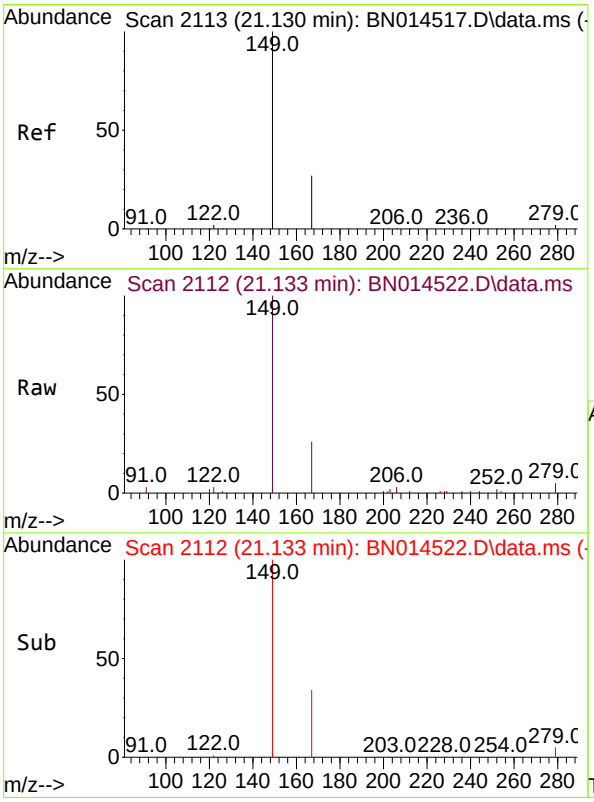


#33
Chrysene
Concen: 0.41 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:228 Resp: 24054

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	20.0	15.6	23.4

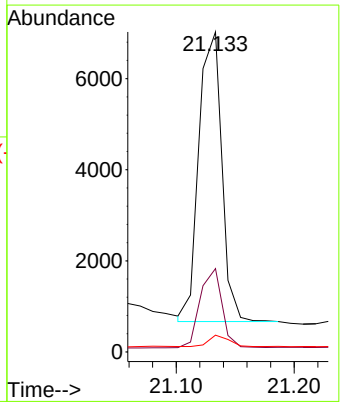




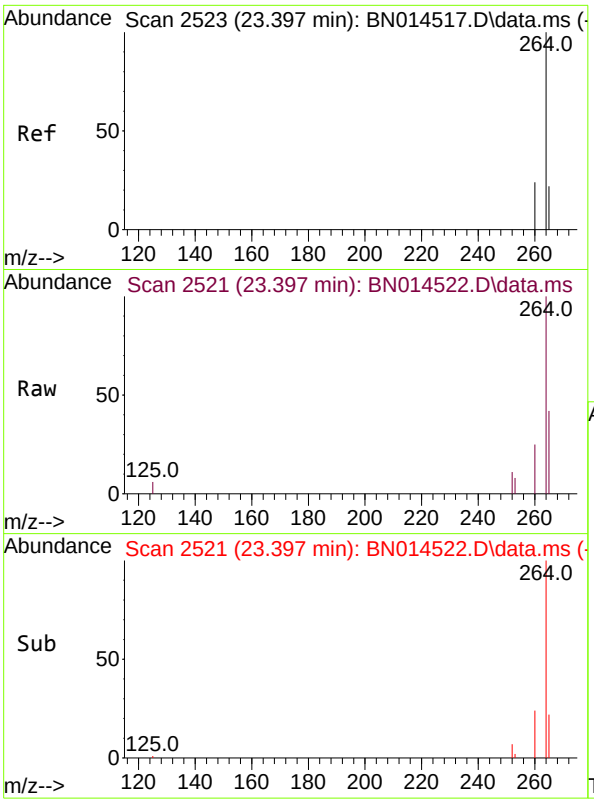
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:149 Resp: 8620

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.5	30.7
279	3.4	2.9	4.3



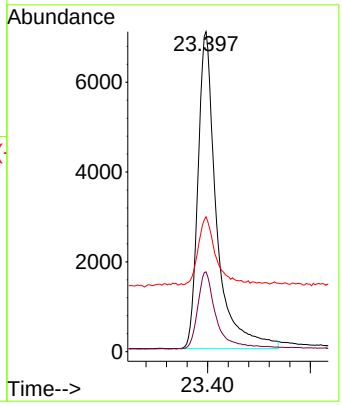
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

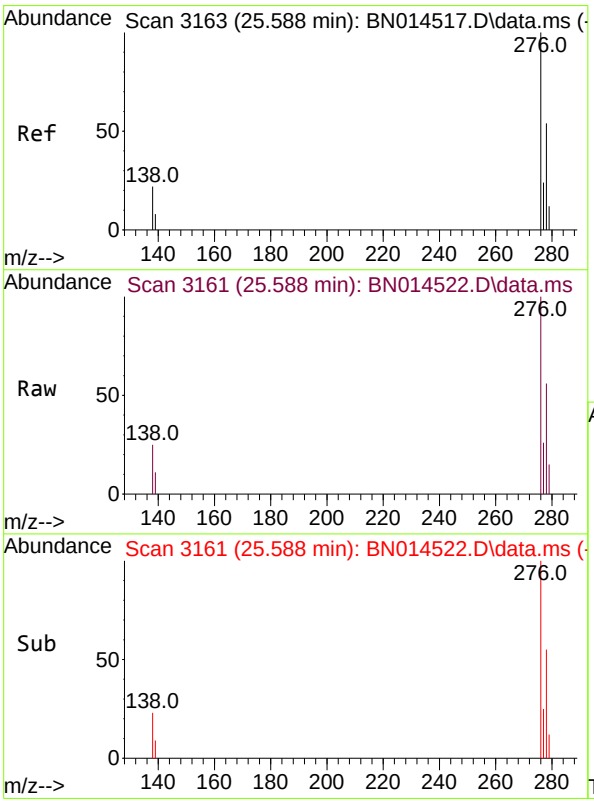


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.397 min Scan# 2521
Delta R.T. -0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:264 Resp: 17742

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	42.2	35.4	53.0

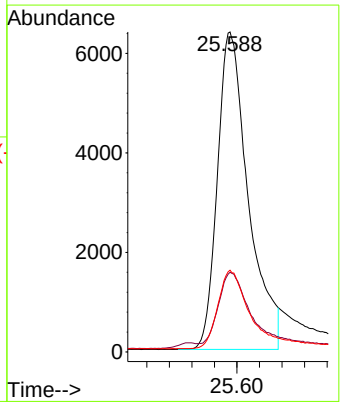




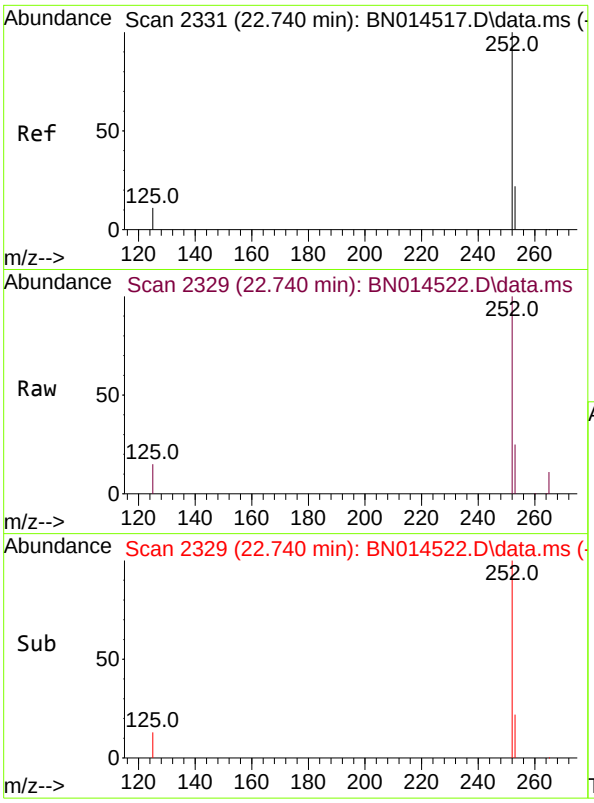
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.588 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:276 Resp: 24292

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.8	28.2
277	24.7	19.8	29.8



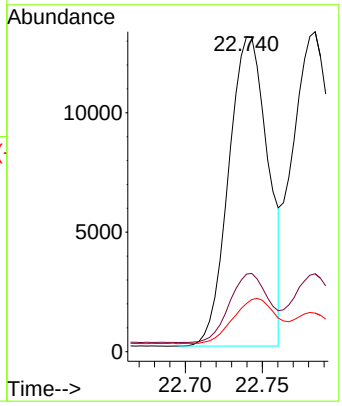
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

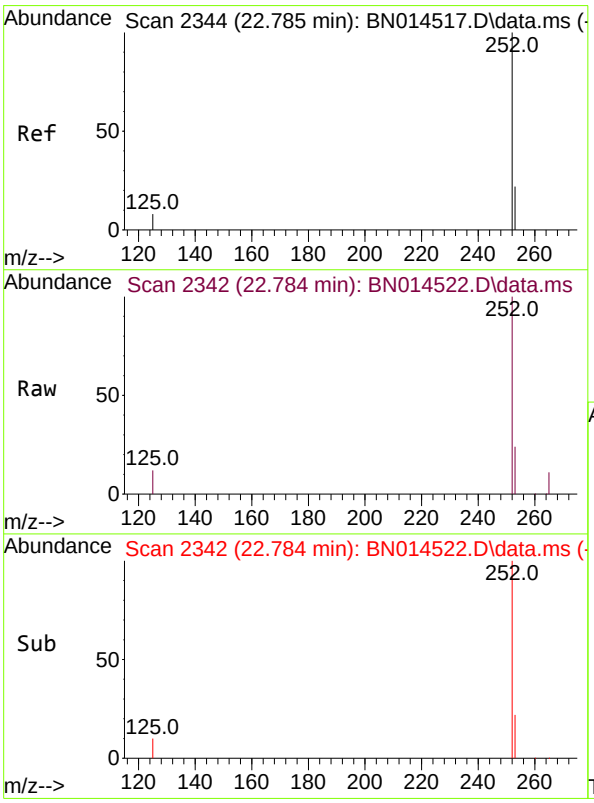


#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 22.740 min Scan# 2329
Delta R.T. -0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:252 Resp: 22990

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.6	29.4
125	15.3	10.3	15.5

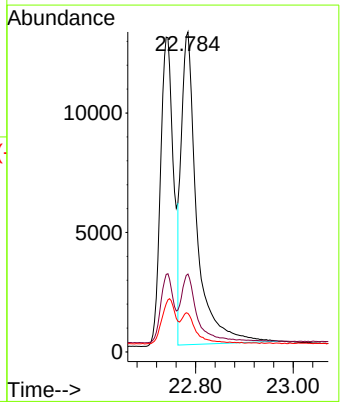




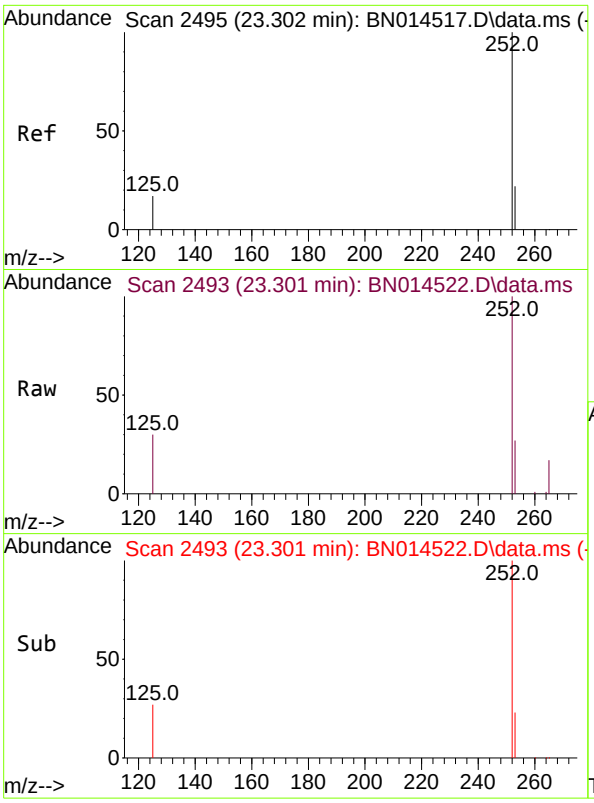
#38
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.784 min Scan# 2342
Delta R.T. -0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:252 Resp: 28991

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.7	29.5
125	12.1	9.7	14.5



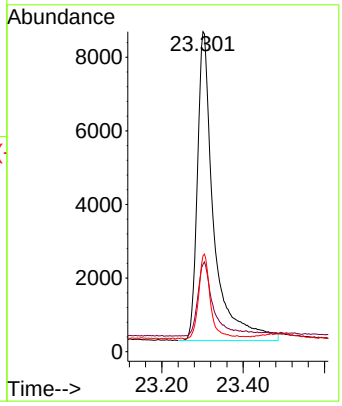
Instrument :
BNA_N
ClientSampleId :
ICVBN050321

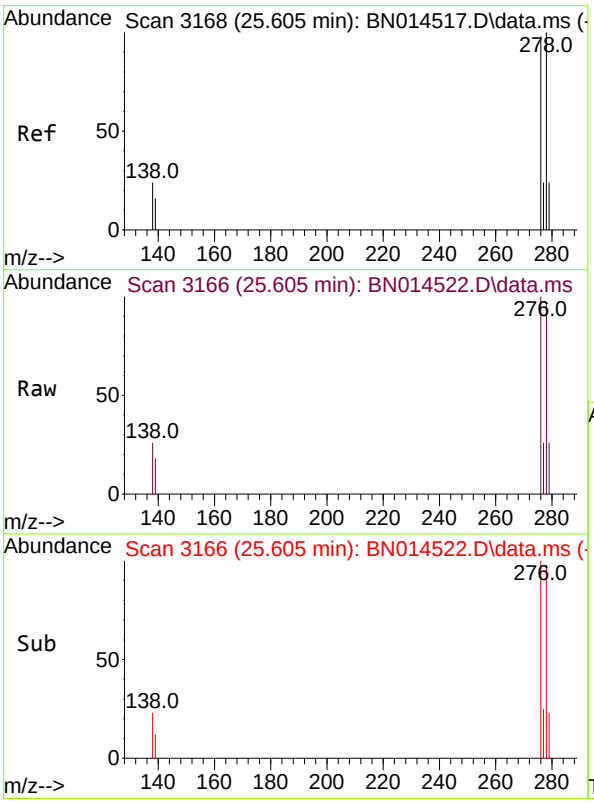


#39
Benzo(a)pyrene
Concen: 0.43 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:252 Resp: 23411

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.6
125	30.0	14.9	22.3#

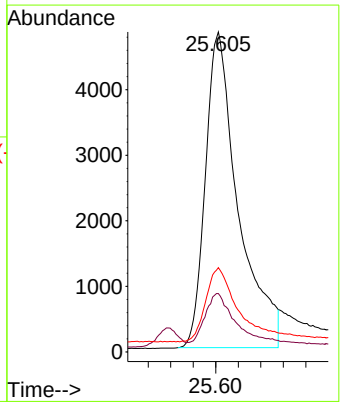


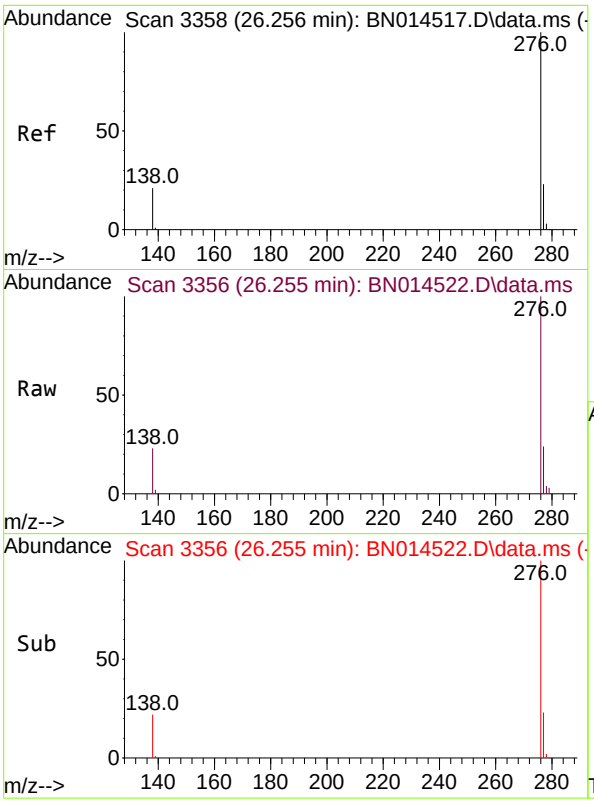


#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.605 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:278 Resp: 19449

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.9	20.9
279	26.4	20.7	31.1

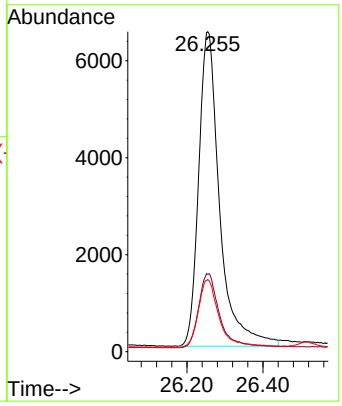




#41
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 26.255 min Scan# 3356
Delta R.T. -0.001 min
Lab File: BN014522.D
Acq: 03 May 2021 19:21

Tgt Ion:276 Resp: 24804

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	22.6	17.5	26.3



Instrument :
BNA_N
ClientSampleId :
ICVBN050321