Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014543.D
Acq On : 07 May 2021 17:26
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN050721

Quant Time: May 07 19:12:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.765	152	758	0.40	ng		# 0.00
7) Naphthalene-d8	10.543	136	2731	0.40	ng		# 0.00
13) Acenaphthene-d10	14.397	164	1851	0.40	ng		0.00
19) Phenanthrene-d10	17.153	188	4073	0.40	ng		# 0.00
29) Chrysene-d12	21.345	240	5046	0.40	ng		# 0.00
35) Perylene-d12	23.636	264	5028	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	816	0.38	ng		0.00
5) Phenol-d6	6.919	99	1118	0.38	ng		0.00
8) Nitrobenzene-d5	8.908	82	832	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.142	152	2396	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	281	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.027	172	2505	0.37	ng		0.00
27) Fluoranthene-d10	19.188	212	6224	0.36	ng		0.00
31) Terphenyl-d14	19.799	244	4700	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	383	0.40	ng		98
3) n-Nitrosodimethylamine	3.770	42	26	0.08	ng	#	1
6) bis(2-Chloroethyl)ether	7.193	93	810	0.38	ng		95
9) Naphthalene	10.594	128	2708	0.37	ng	#	93
10) Hexachlorobutadiene	10.898	225	655	0.38	ng	#	97
12) 2-Methylnaphthalene	12.217	142	1872	0.36	ng	#	90
16) Acenaphthylene	14.118	152	2531	0.35	ng		98
17) Acenaphthene	14.460	154	1820	0.36	ng		99
18) Fluorene	15.450	166	2413	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.526	198	110	0.42	ng	#	1
21) 4-Bromophenyl-phenylether	16.349	248	909	0.36	ng	#	88
22) Hexachlorobenzene	16.459	284	956	0.38	ng		92
23) Atrazine	16.617	200	605	0.35	ng	#	90
24) Pentachlorophenol	16.800	266	280	0.32	ng	#	36
25) Phenanthrene	17.189	178	3955	0.36	ng		99
26) Anthracene	17.286	178	3474	0.35	ng		99
28) Fluoranthene	19.218	202	4955	0.36	ng		98
30) Pyrene	19.585	202	5108	0.36	ng		99
32) Benzo(a)anthracene	21.335	228	5388	0.36	ng		100
33) Chrysene	21.388	228	5619	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.282	149	1671	0.31	ng	#	82
36) Indeno(1,2,3-cd)pyrene	25.950	276	7010	0.37	ng	#	91
37) Benzo(b)fluoranthene	22.948	252	5945	0.36	ng	#	91
38) Benzo(k)fluoranthene	22.993	252	5864	0.36	ng	#	90
39) Benzo(a)pyrene	23.534	252	5314	0.37	ng	#	91
40) Dibenzo(a,h)anthracene	25.967	278	6071	0.37	ng		94
41) Benzo(g,h,i)perylene	26.652	276	5992	0.37	ng	#	89

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014543.D
Acq On : 07 May 2021 17:26
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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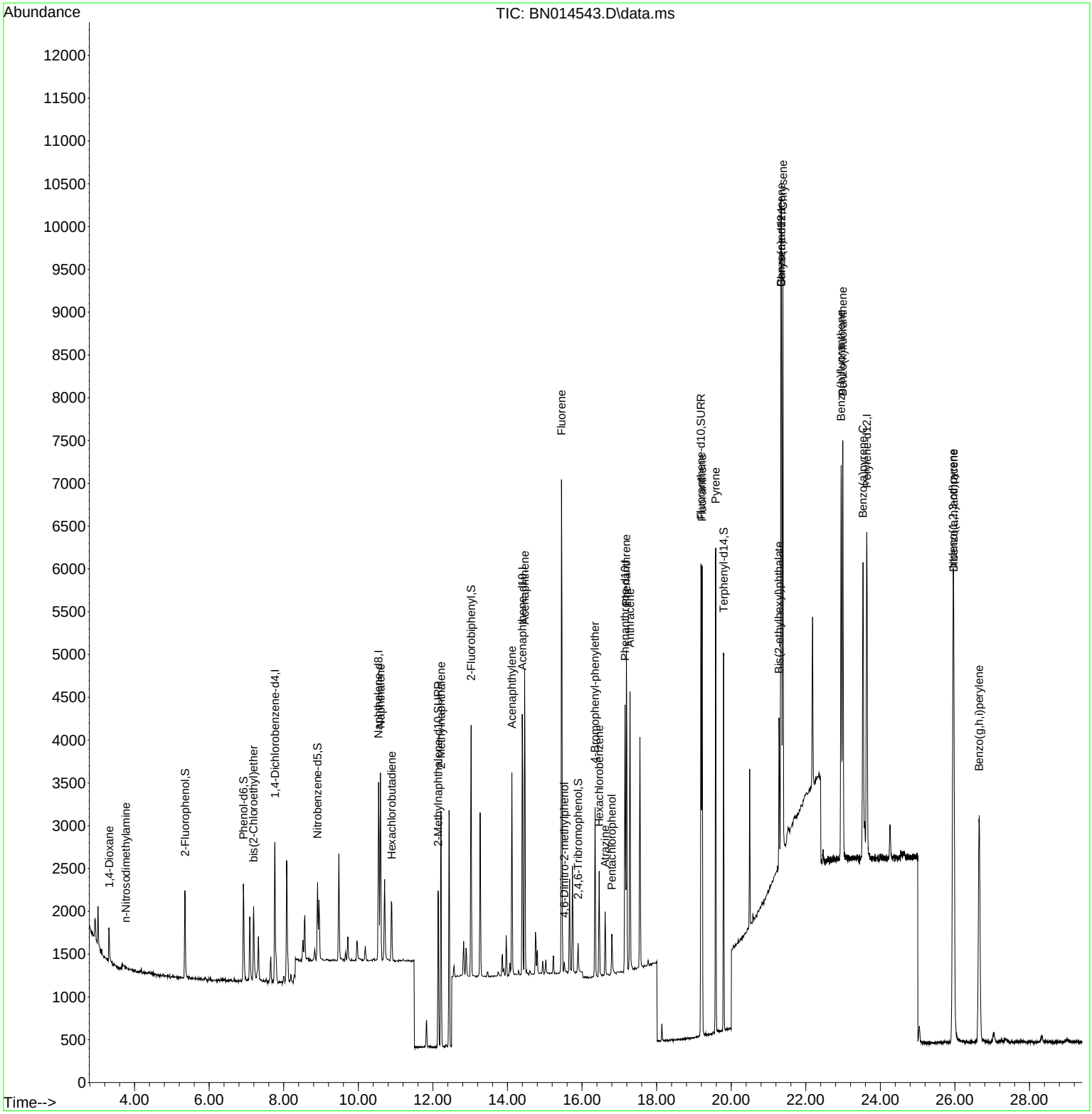
ClientSampleId :
ICVBN050721

Quant Time: May 07 19:12:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration



Instrument :
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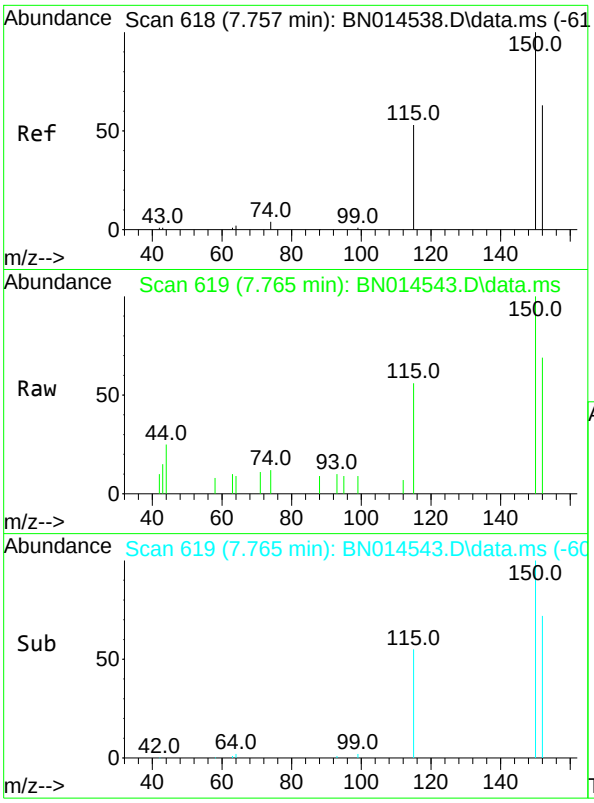
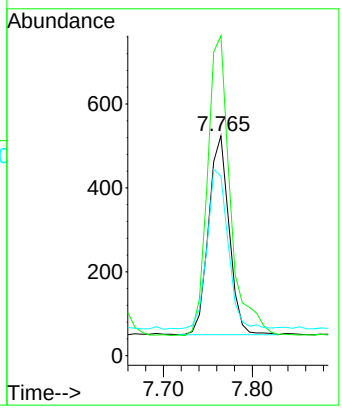
ClientSampleId :
ICVBN050721

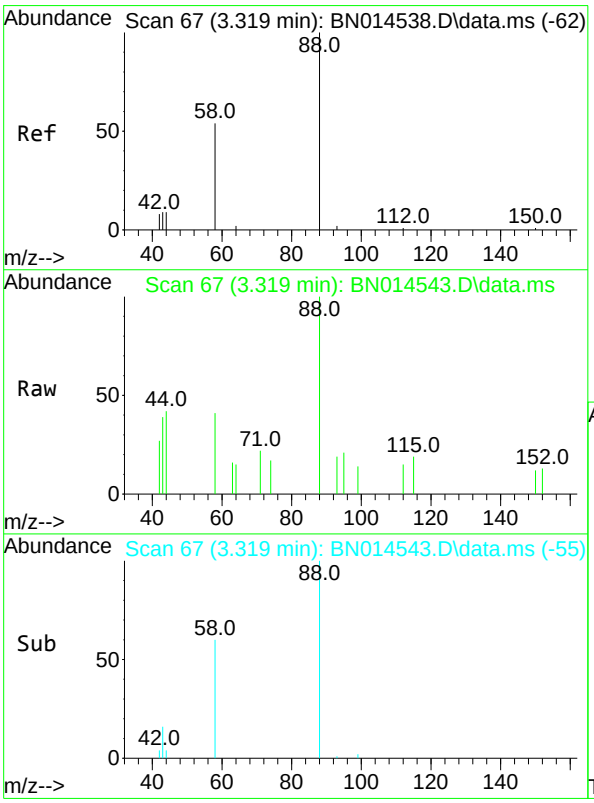


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.765 min Scan# 619
Delta R.T. 0.008 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:152 Resp: 758

Ion	Ratio	Lower	Upper
152	100		
150	145.6	123.8	185.8
115	81.7	47.0	70.4#

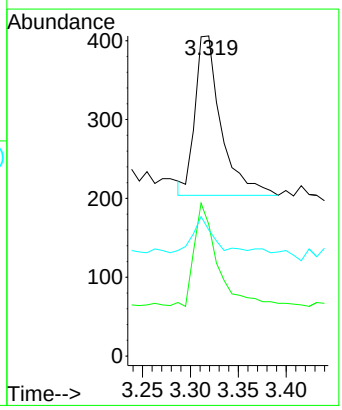




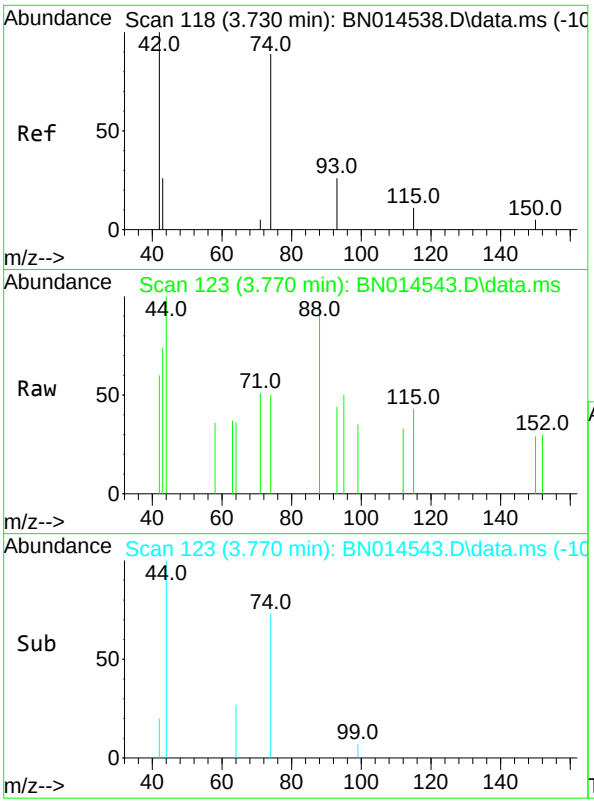
#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.319 min Scan# 67
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion: 88 Resp: 383

Ion	Ratio	Lower	Upper
88	100		
58	56.7	44.4	66.6
43	19.1	15.9	23.9



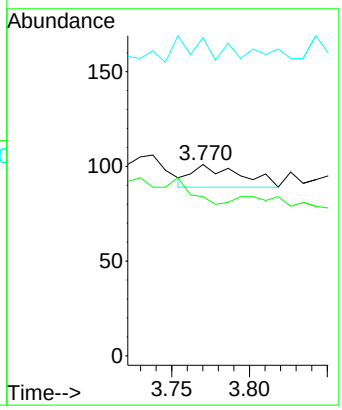
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

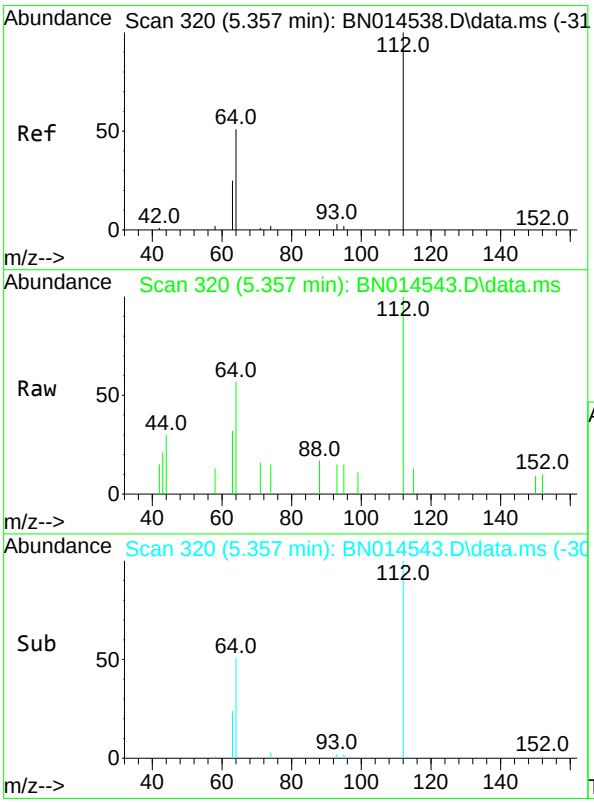


#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.770 min Scan# 123
Delta R.T. 0.040 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	0.0	175.1	262.7#
44	69.2	7.5	11.3#

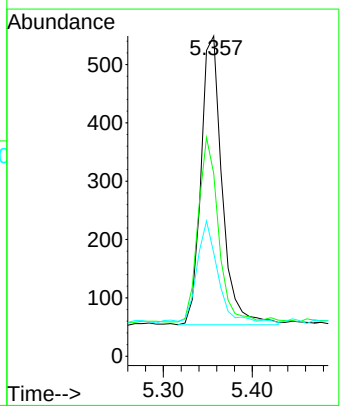




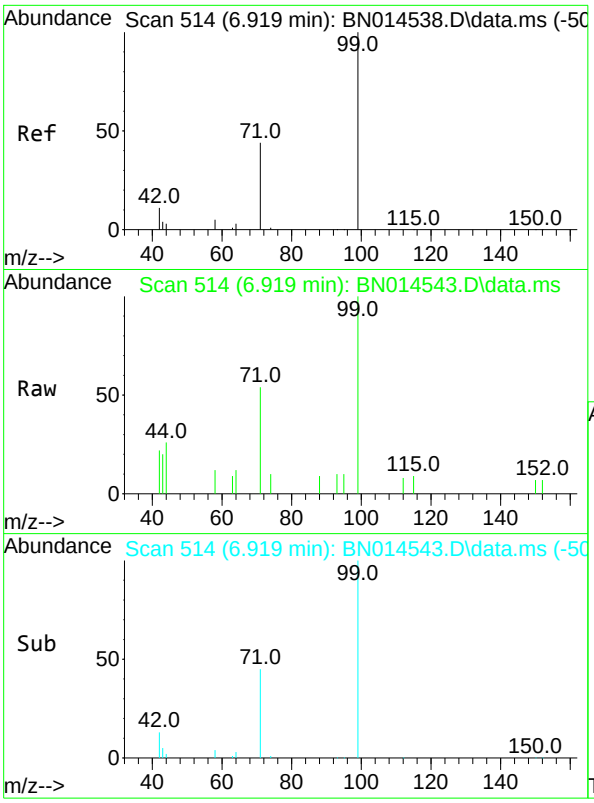
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.357 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:112 Resp: 816

Ion	Ratio	Lower	Upper
112	100		
64	60.8	41.8	62.6
63	35.5	22.0	33.0#



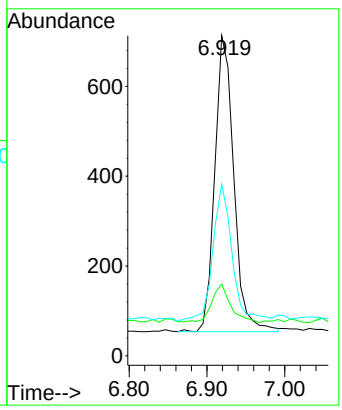
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

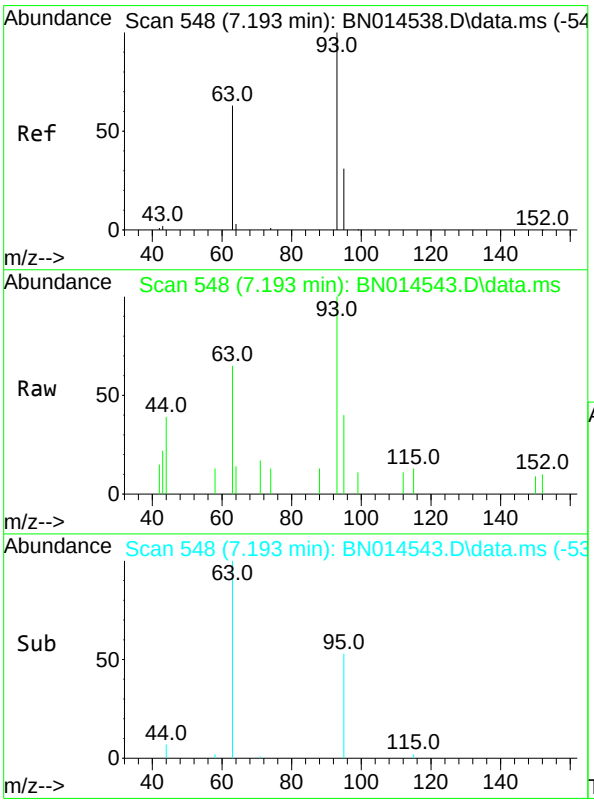


#5
Phenol-d6
Concen: 0.38 ng
RT: 6.919 min Scan# 514
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion: 99 Resp: 1118

Ion	Ratio	Lower	Upper
99	100		
42	13.0	13.2	19.8#
71	46.9	26.2	39.2#

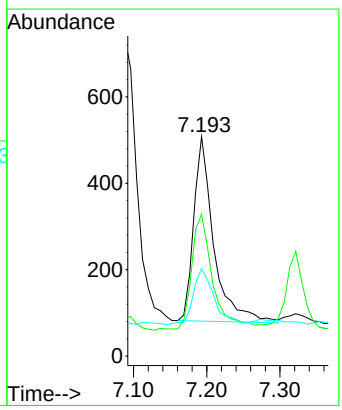


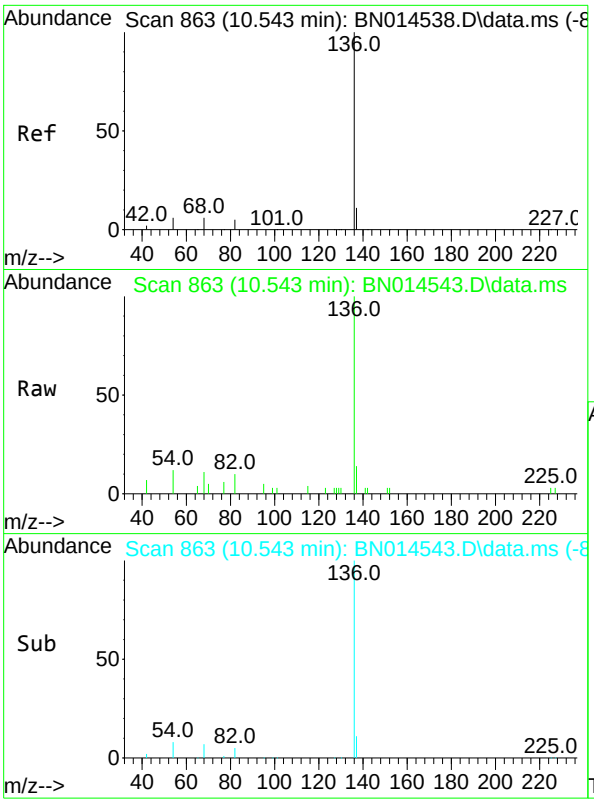


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.193 min Scan# 548
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion: 93 Resp: 810

Ion	Ratio	Lower	Upper
93	100		
63	67.9	58.0	87.0
95	31.5	27.0	40.6

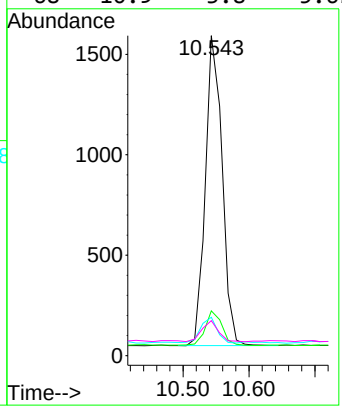


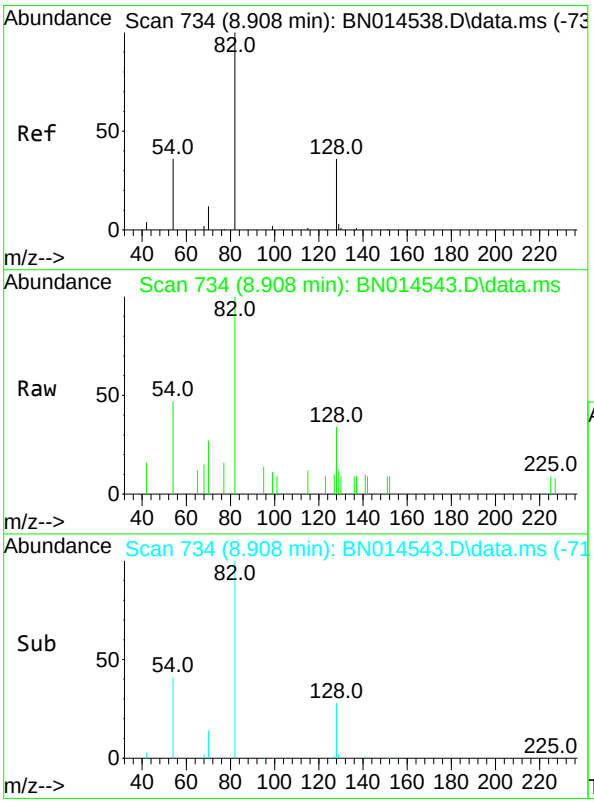


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:136 Resp: 2731

Ion	Ratio	Lower	Upper
136	100		
137	14.0	8.9	13.3#
54	12.0	3.8	5.8#
68	10.9	3.8	5.6#

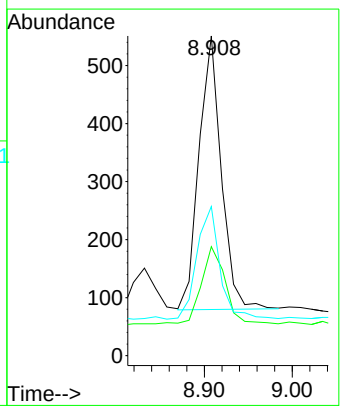




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.908 min Scan# 734
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion: 82 Resp: 832

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.5	44.3
54	46.6	36.9	55.3



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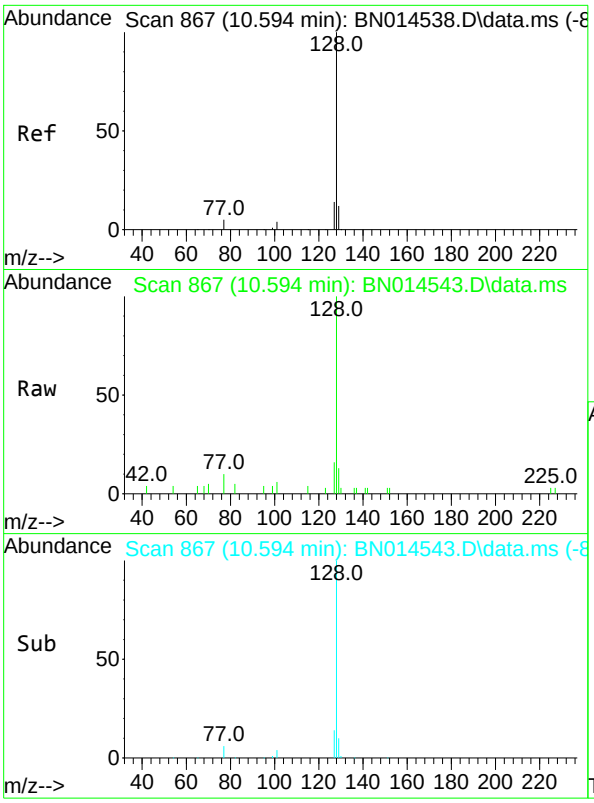
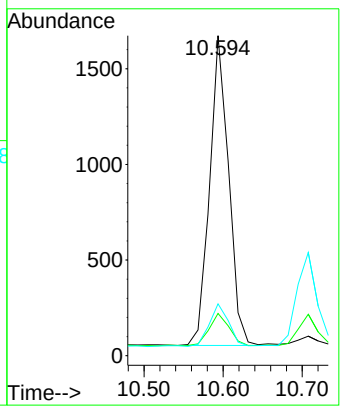
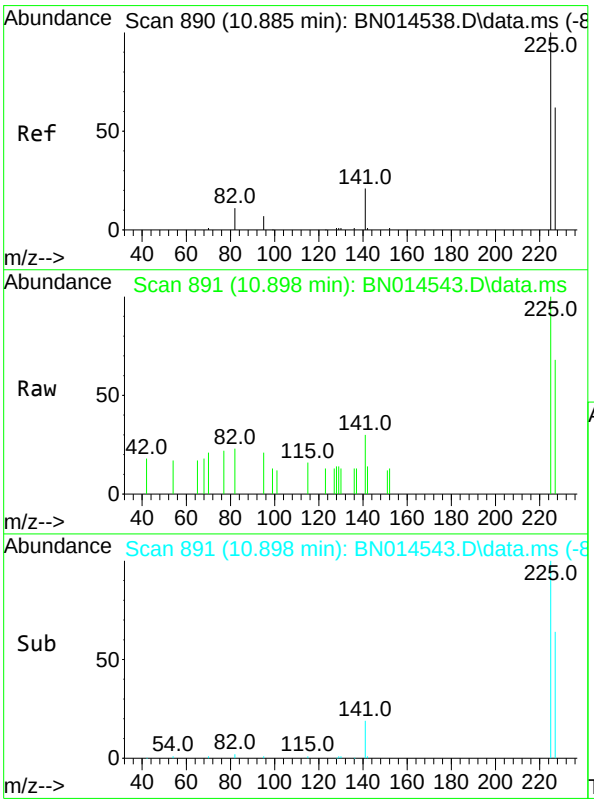


#9
Naphthalene
Concen: 0.37 ng
RT: 10.594 min Scan# 867
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:128 Resp: 2708

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.4
127	16.2	10.4	15.6#

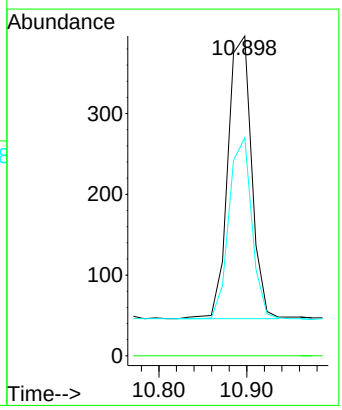




#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.898 min Scan# 891
Delta R.T. 0.012 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:225 Resp: 655

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.5	50.9	76.3



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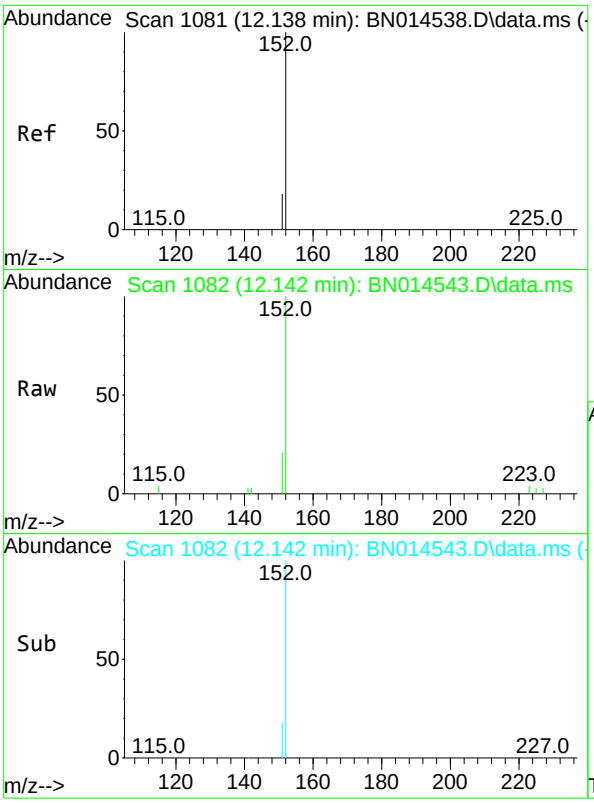
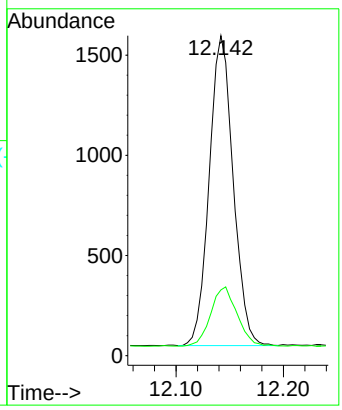
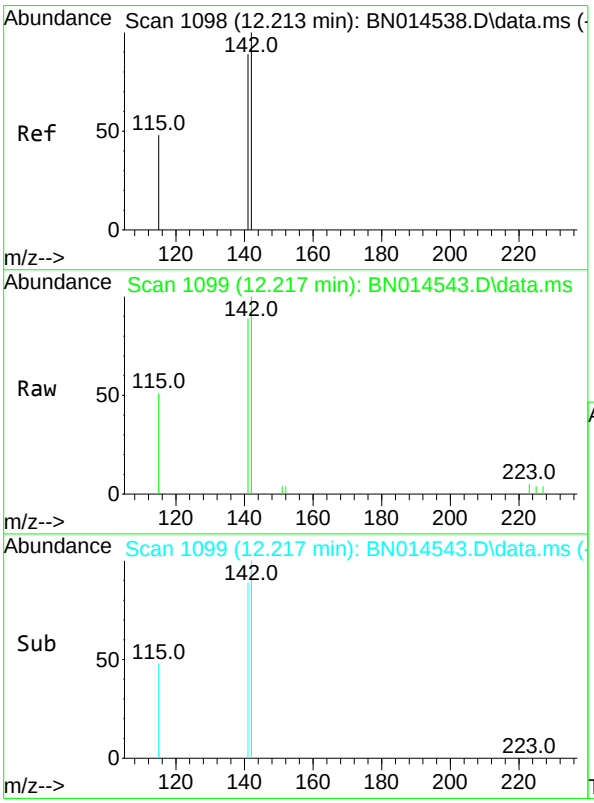


#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.142 min Scan# 1082
Delta R.T. 0.004 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:152 Resp: 2396

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2

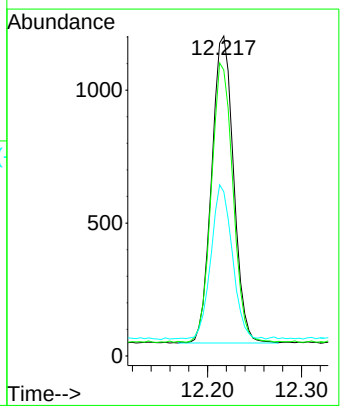




#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.217 min Scan# 1099
Delta R.T. 0.004 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:142 Resp: 1872

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.4
115	51.3	26.7	40.1#



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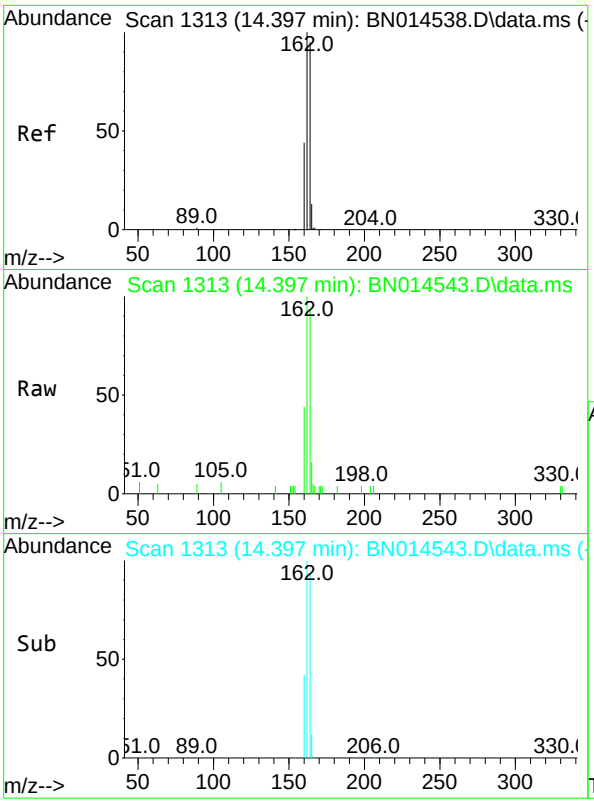
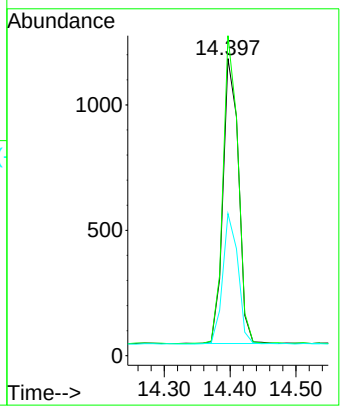
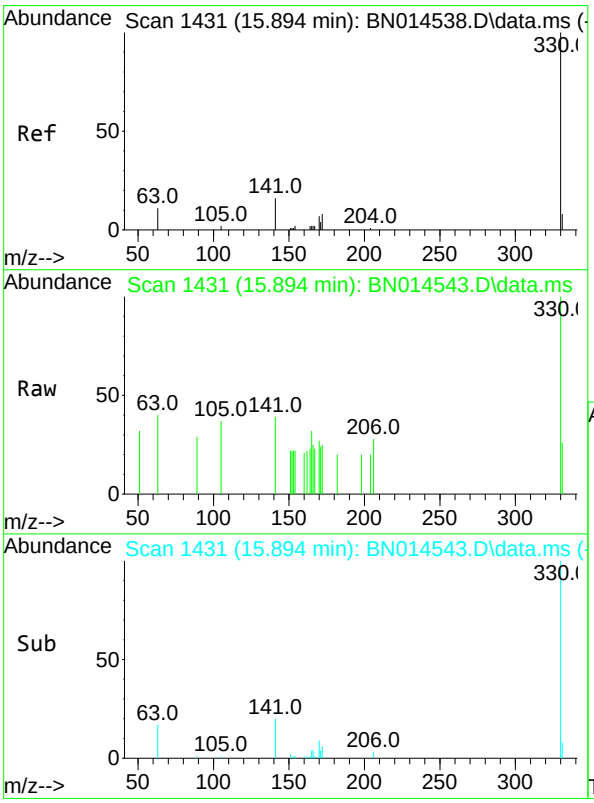


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:164 Resp: 1851

Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.6	118.0
160	47.8	35.8	53.8

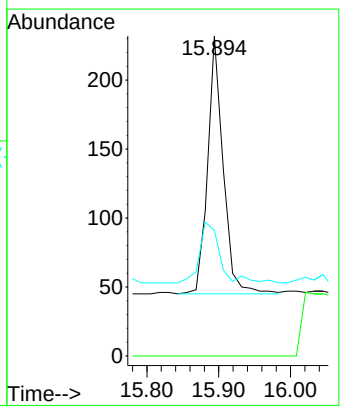




#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.894 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:330 Resp: 281

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.6	27.0	40.4



Instrument :
BNA_N
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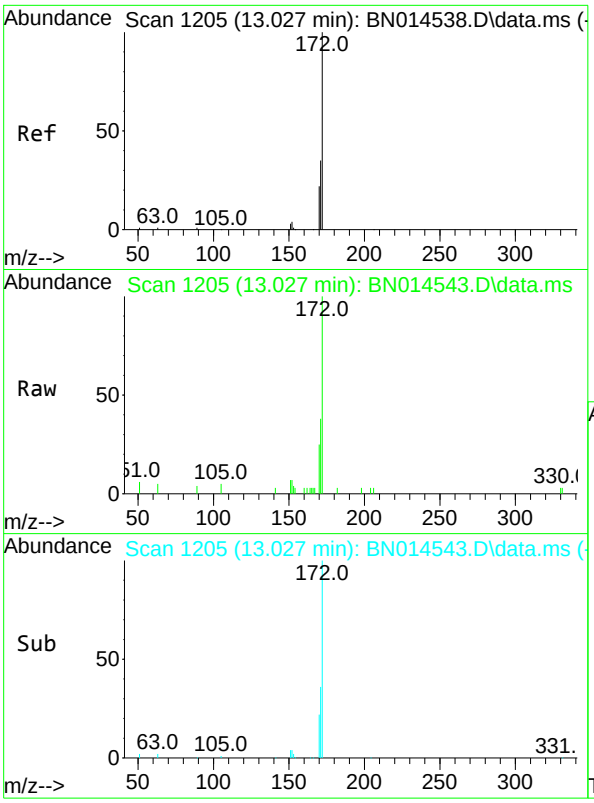
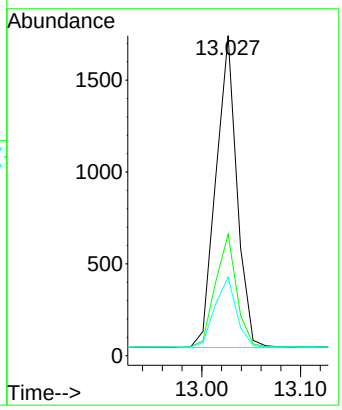
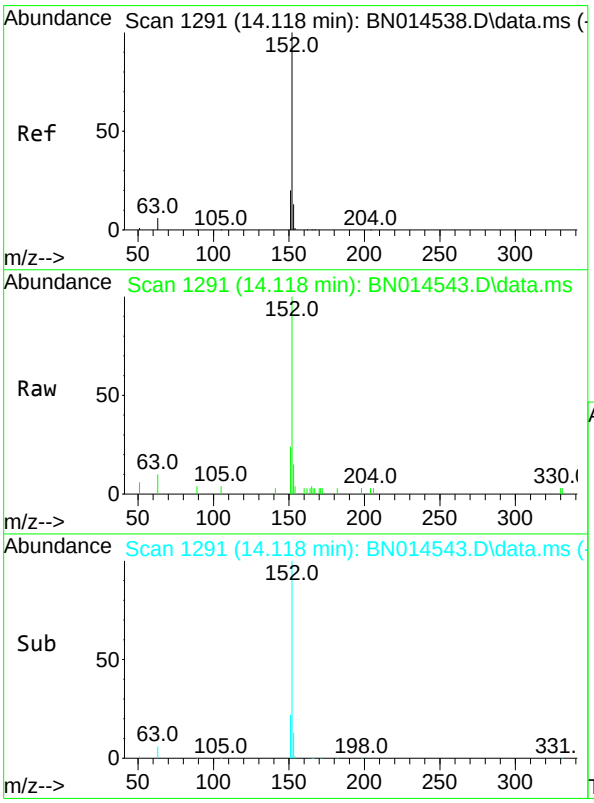


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.027 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:172 Resp: 2505

Ion	Ratio	Lower	Upper
172	100		
171	37.9	27.1	40.7
170	24.6	18.3	27.5

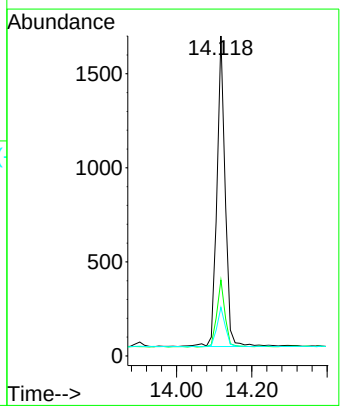




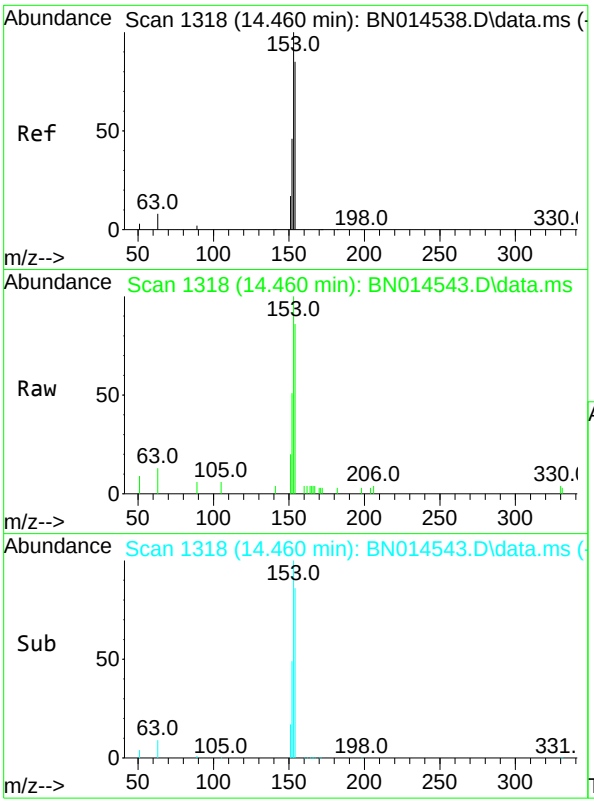
#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.118 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:152 Resp: 2531

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.6	23.4
153	13.1	10.5	15.7



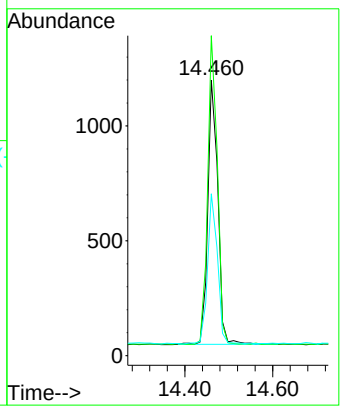
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

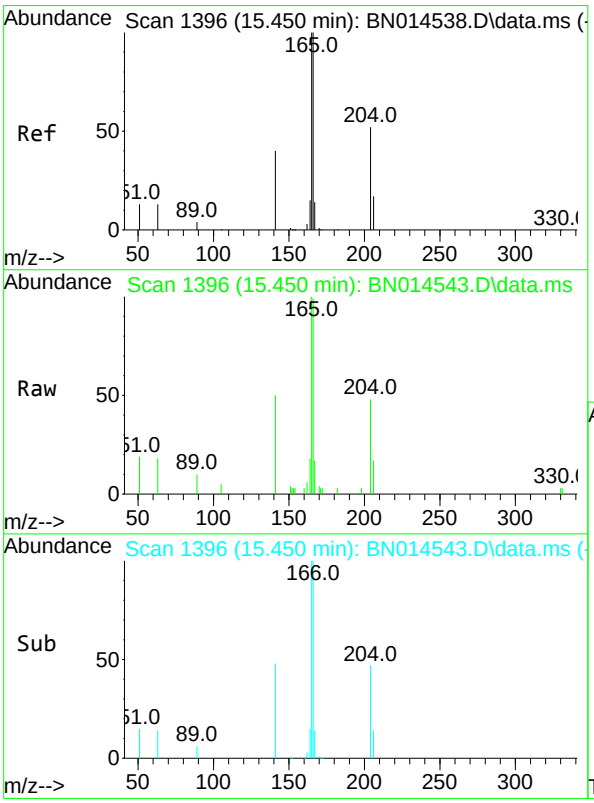


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.460 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:154 Resp: 1820

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.4
152	56.1	46.2	69.2

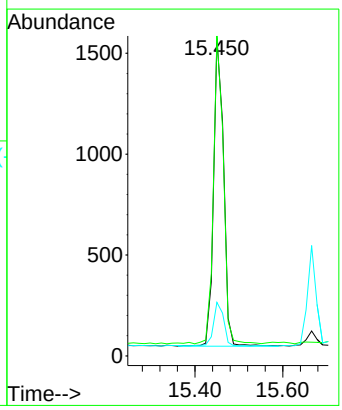




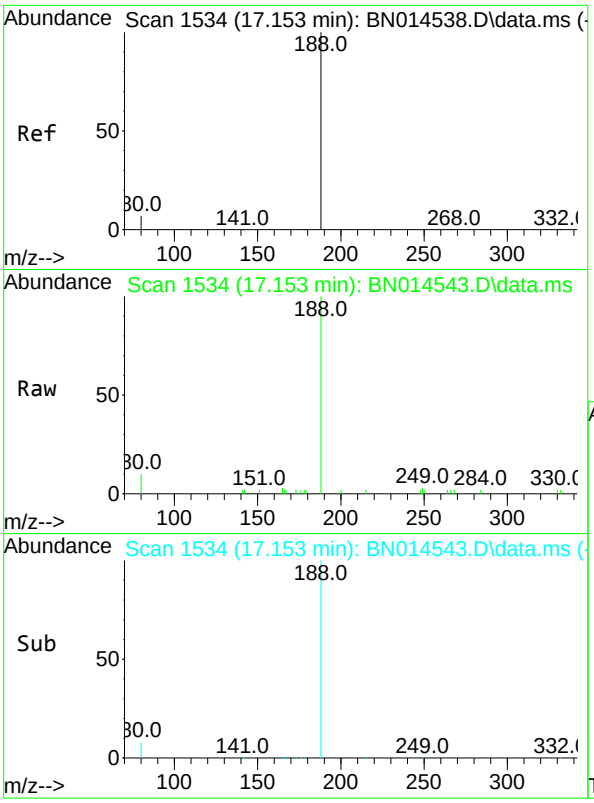
#18
Fluorene
Concen: 0.37 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:166 Resp: 2413

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	14.5	10.7	16.1



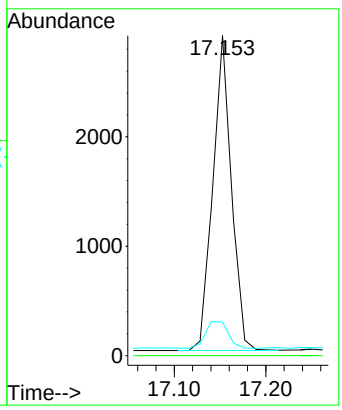
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

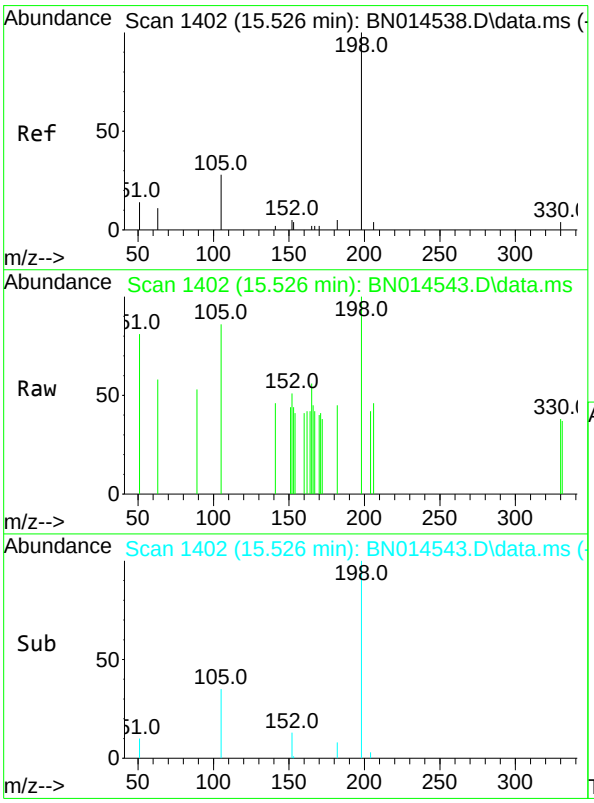


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:188 Resp: 4073

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	5.2	7.8#

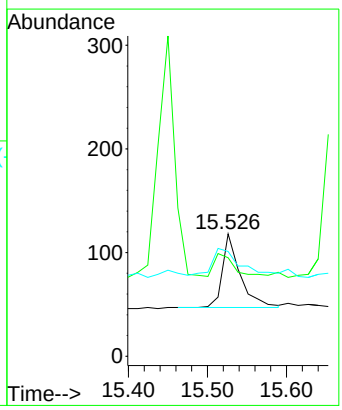


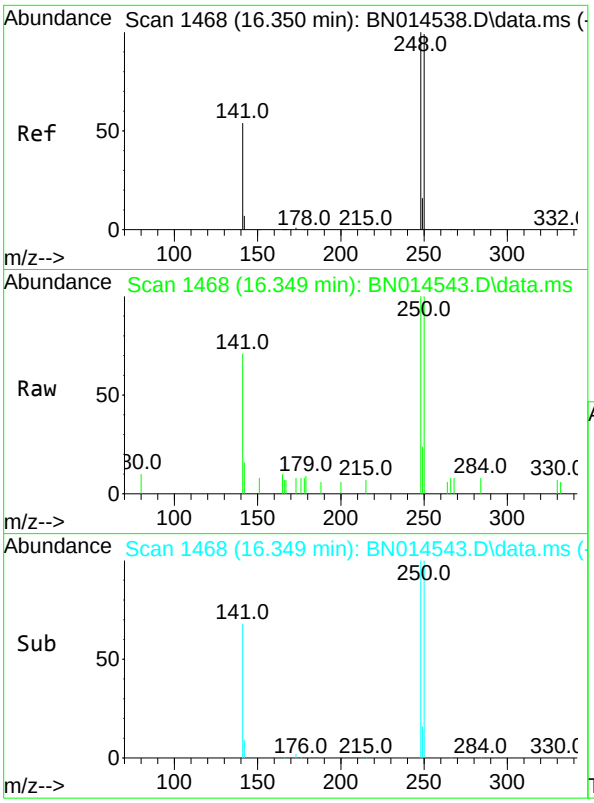


#20
4,6-Dinitro-2-methylphenol
Concen: 0.42 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:198 Resp: 110

Ion	Ratio	Lower	Upper
198	100		
51	80.5	865.3	1297.9#
105	85.6	93.6	140.4#

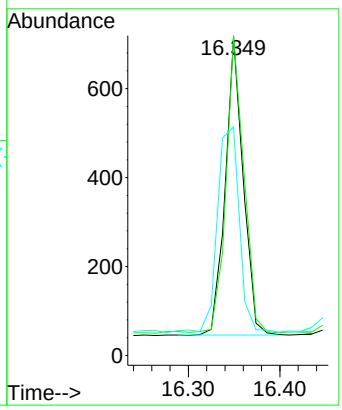




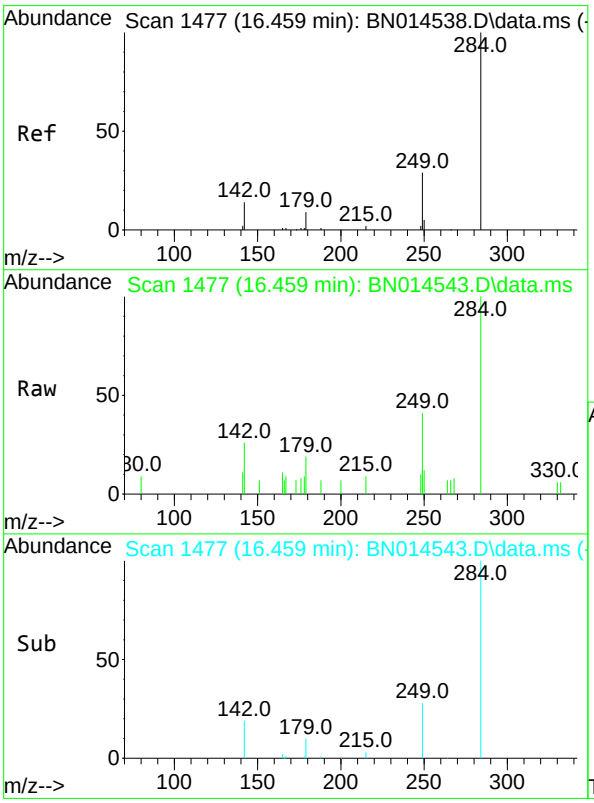
#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.349 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:248 Resp: 909

Ion	Ratio	Lower	Upper
248	100		
250	100.3	80.5	120.7
141	71.7	37.2	55.8#



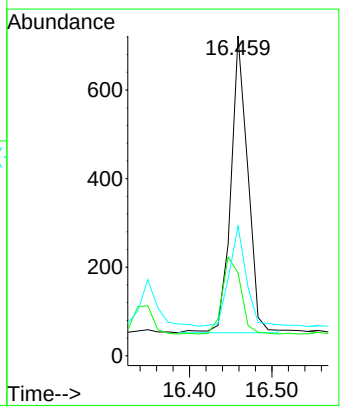
Instrument :
BNA_N
ClientSampleId :
ICVBN050721



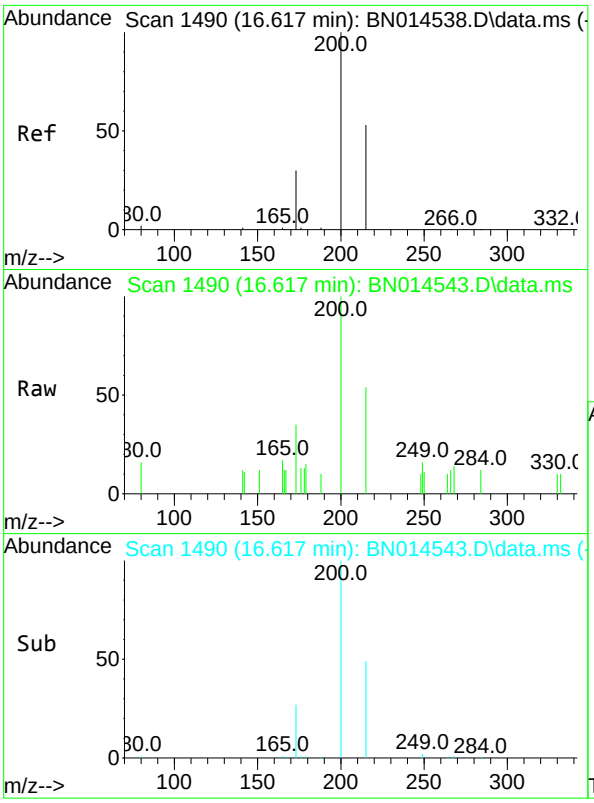
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.459 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:284 Resp: 956

Ion	Ratio	Lower	Upper
284	100		
142	28.7	26.6	39.8
249	33.9	23.6	35.4



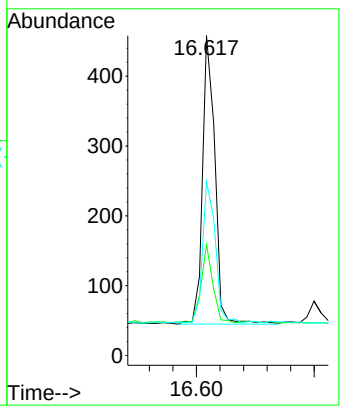
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

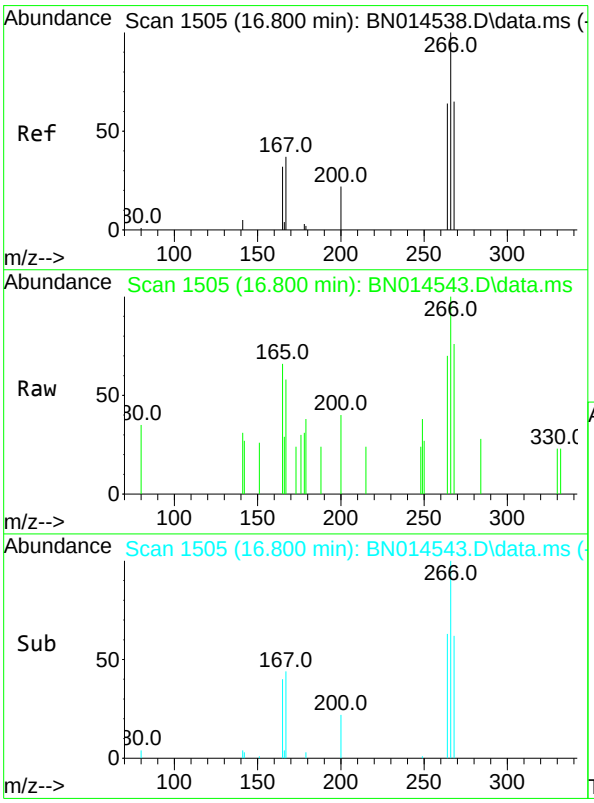


#23
Atrazine
Concen: 0.35 ng
RT: 16.617 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:200 Resp: 605

Ion	Ratio	Lower	Upper
200	100		
173	34.7	23.0	34.6#
215	54.4	38.6	57.8

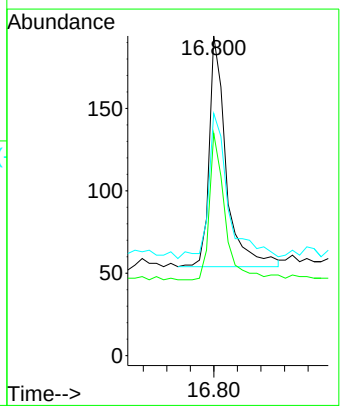




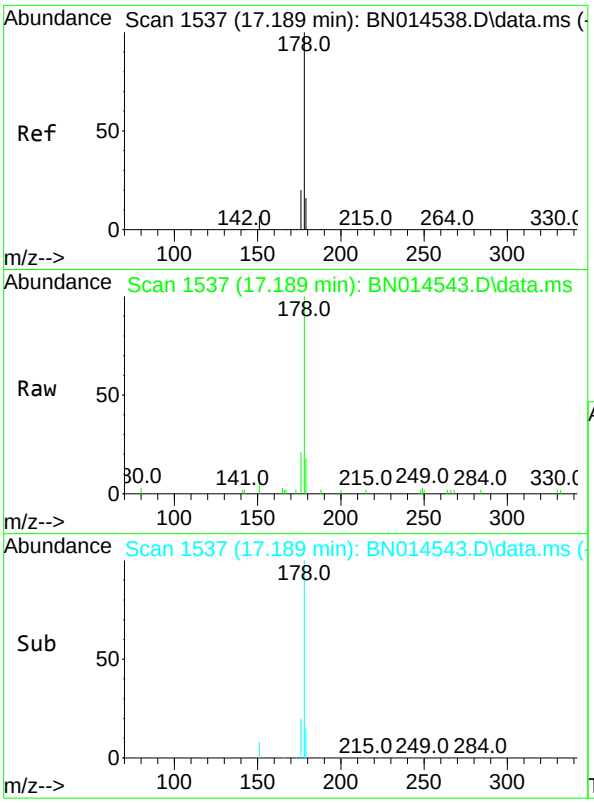
#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.800 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:266 Resp: 280

Ion	Ratio	Lower	Upper
266	100		
264	58.9	24.2	36.4#
268	72.5	25.2	37.8#



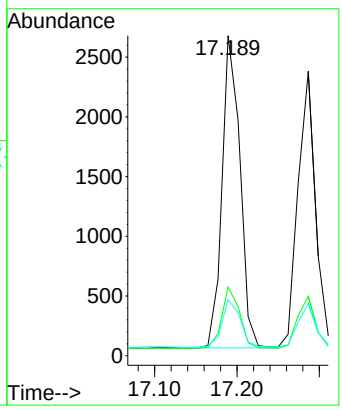
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

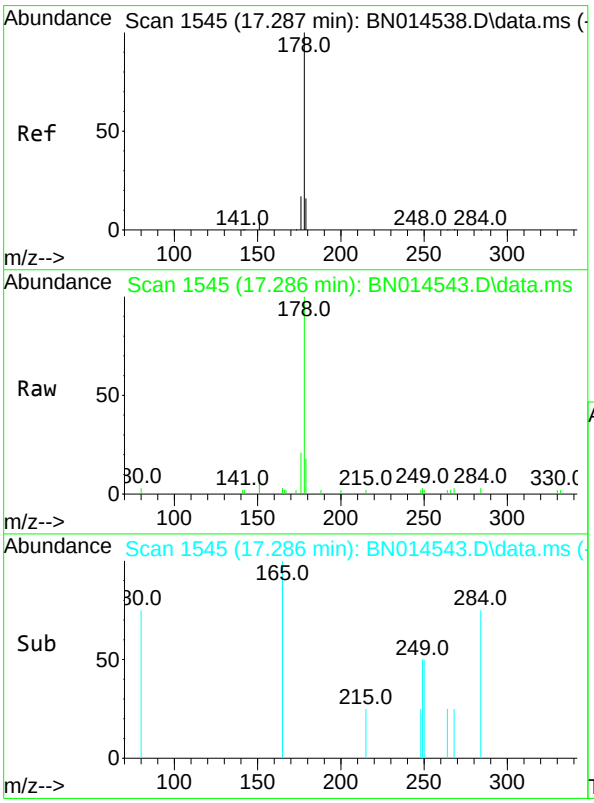


#25
Phenanthrene
Concen: 0.36 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:178 Resp: 3955

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.9	12.4	18.6

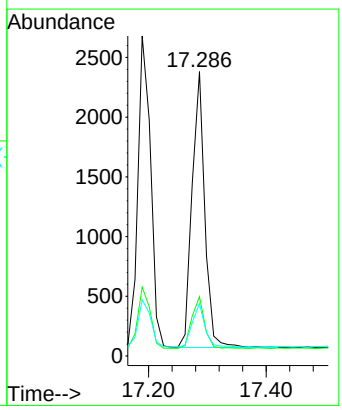




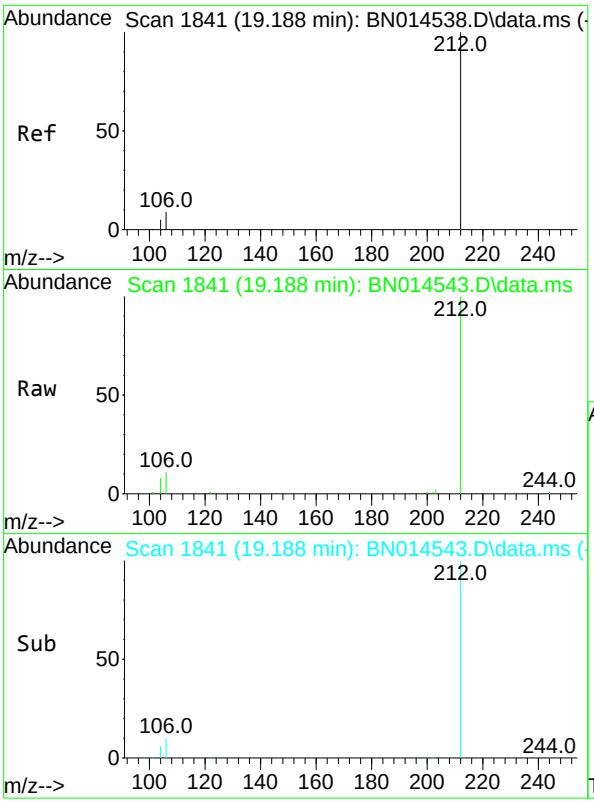
#26
Anthracene
Concen: 0.35 ng
RT: 17.286 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:178 Resp: 3474

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.6	12.2	18.2



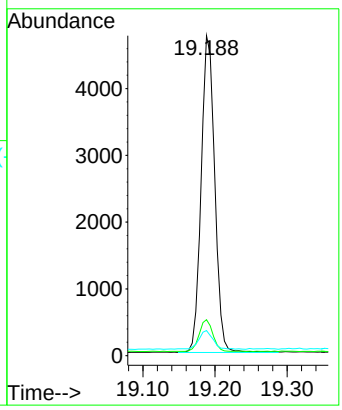
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

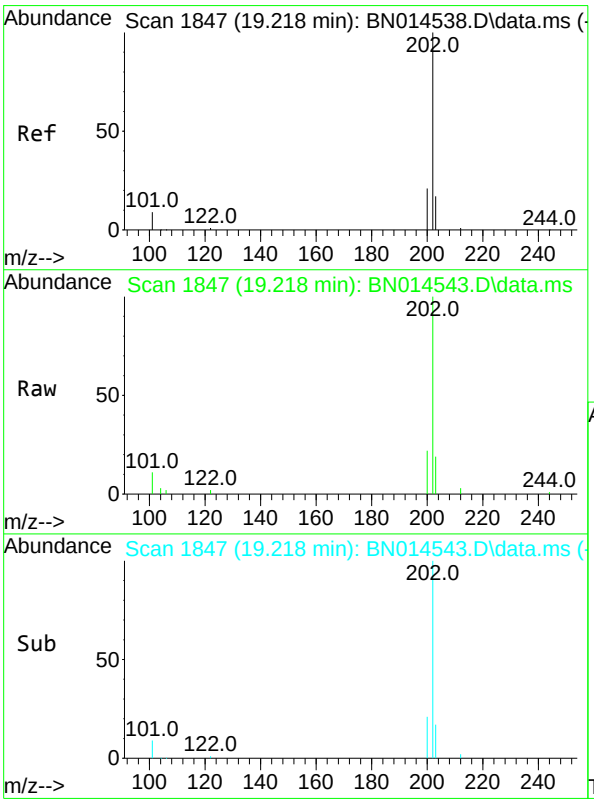


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:212 Resp: 6224

Ion	Ratio	Lower	Upper
212	100		
106	9.9	10.1	15.1#
104	6.2	5.4	8.2

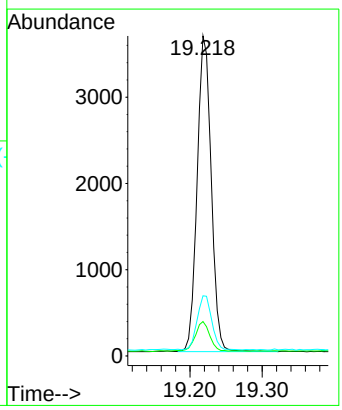




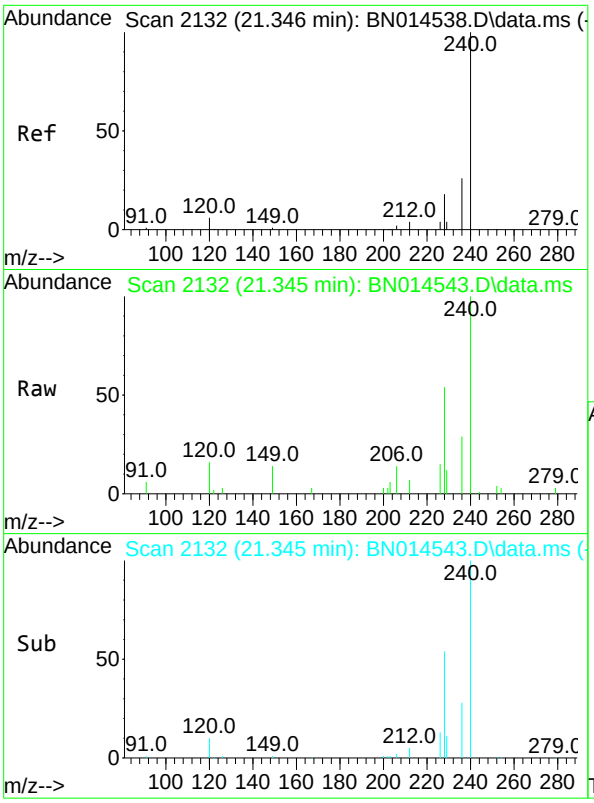
#28
Fluoranthene
Concen: 0.36 ng
RT: 19.218 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:202 Resp: 4955

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.4	12.6
203	17.8	13.5	20.3



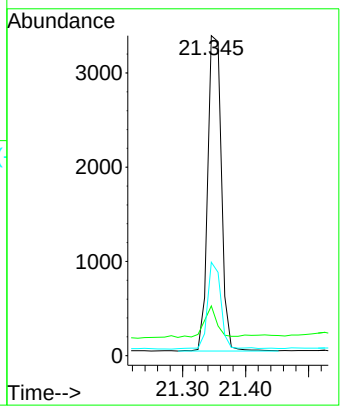
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

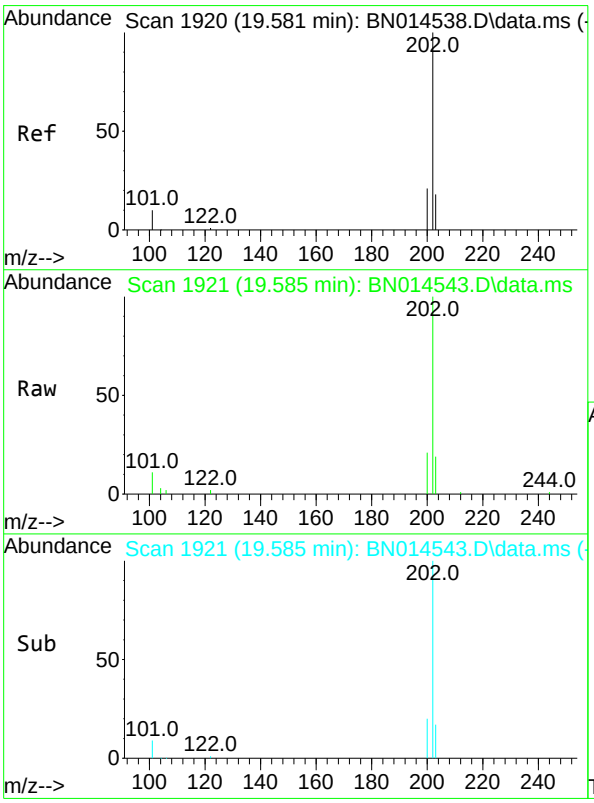


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.345 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:240 Resp: 5046

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	29.2	20.6	30.8

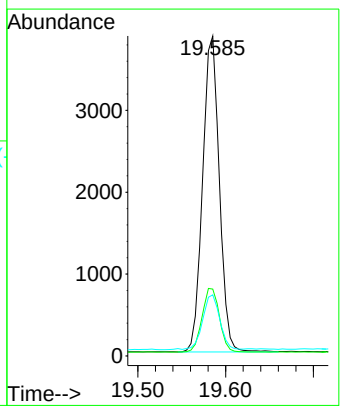




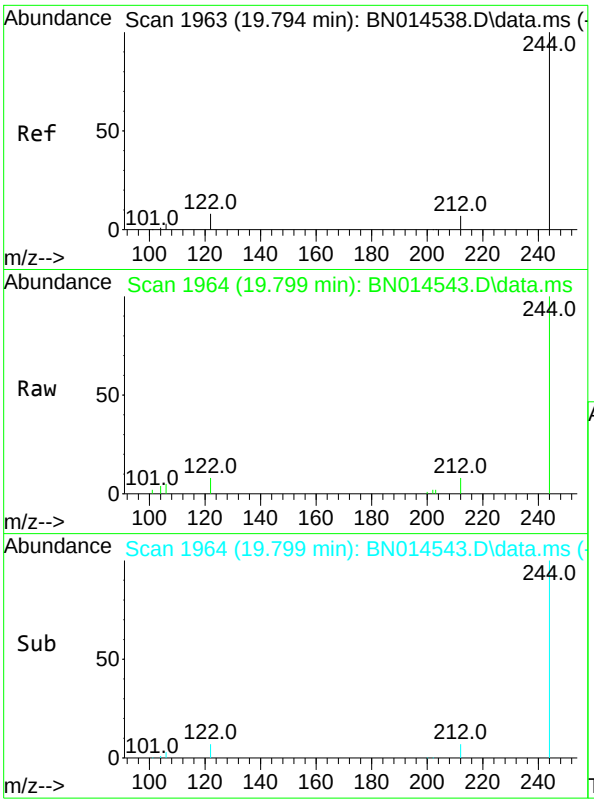
#30
Pyrene
Concen: 0.36 ng
RT: 19.585 min Scan# 1921
Delta R.T. 0.005 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:202 Resp: 5108

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	18.0	14.0	21.0



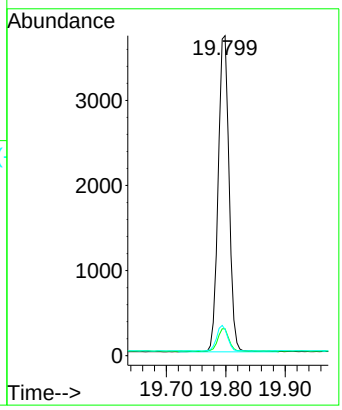
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

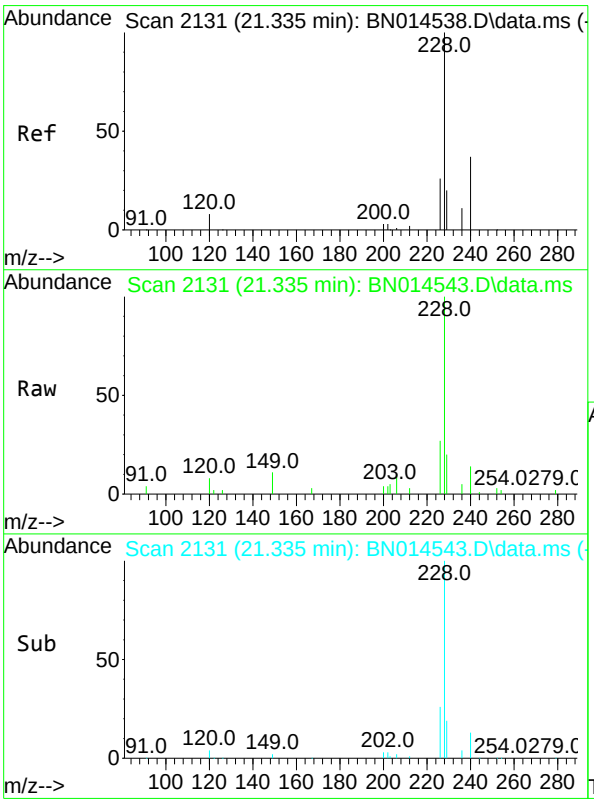


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.799 min Scan# 1964
Delta R.T. 0.005 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:244 Resp: 4700

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	8.2	9.3	13.9#

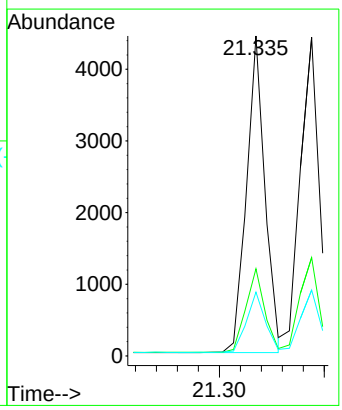




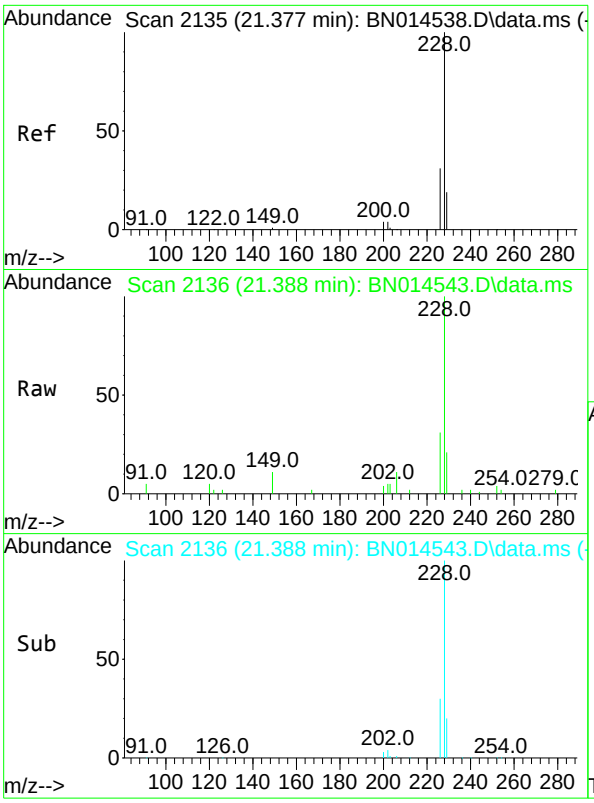
#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:228 Resp: 5388

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.9	15.7	23.5



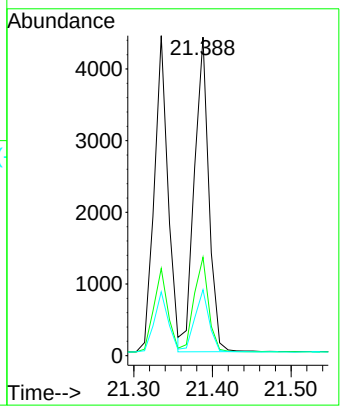
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

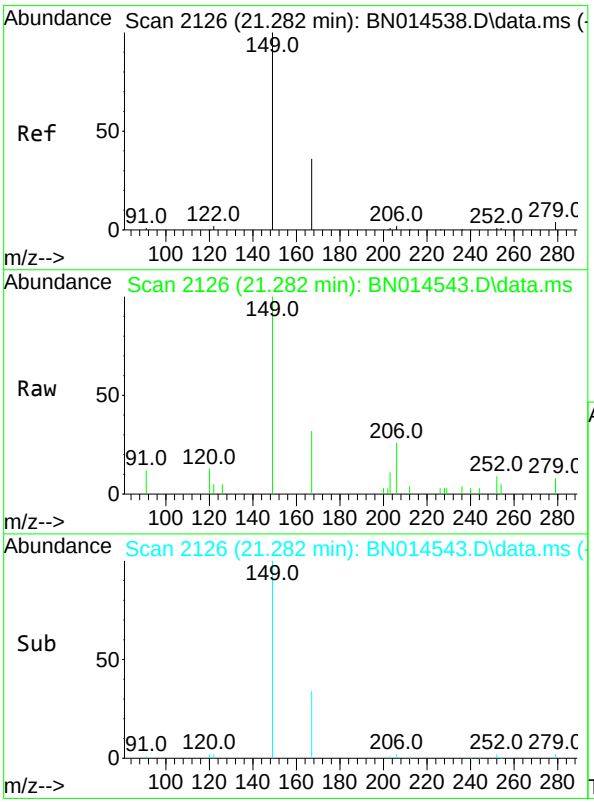


#33
Chrysene
Concen: 0.37 ng
RT: 21.388 min Scan# 2136
Delta R.T. 0.010 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:228 Resp: 5619

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.6
229	20.7	15.6	23.4

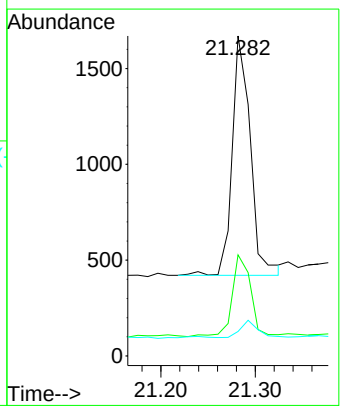




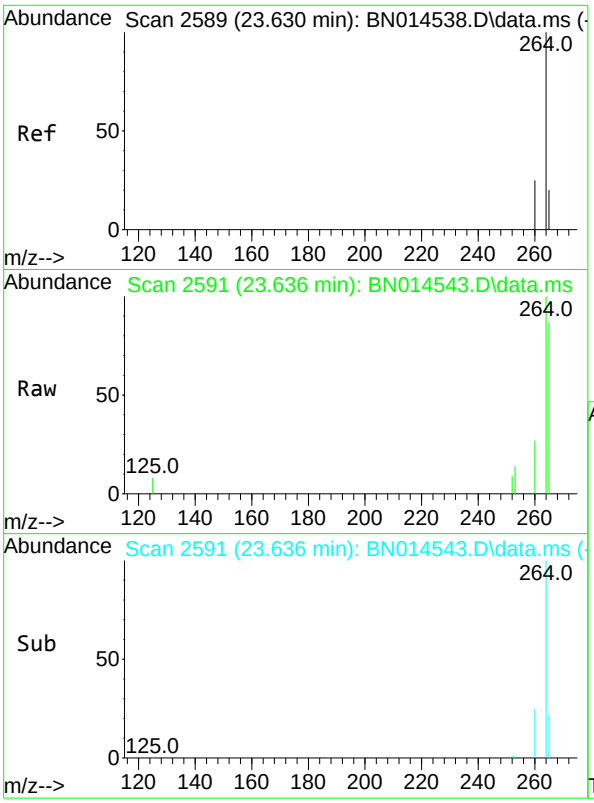
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:149 Resp: 1671

Ion	Ratio	Lower	Upper
149	100		
167	35.0	20.5	30.7#
279	6.9	2.9	4.3#



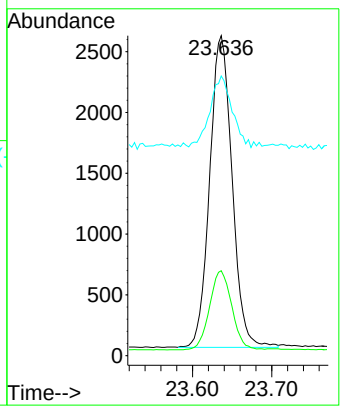
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

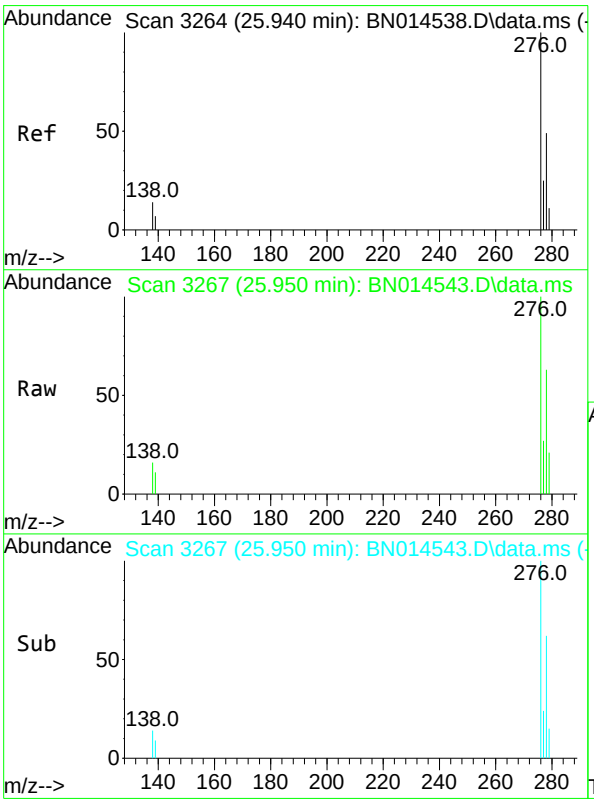


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.636 min Scan# 2591
Delta R.T. 0.007 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:264 Resp: 5028

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.5	29.3
265	87.4	35.4	53.0#

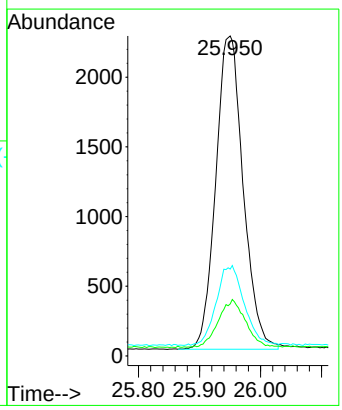




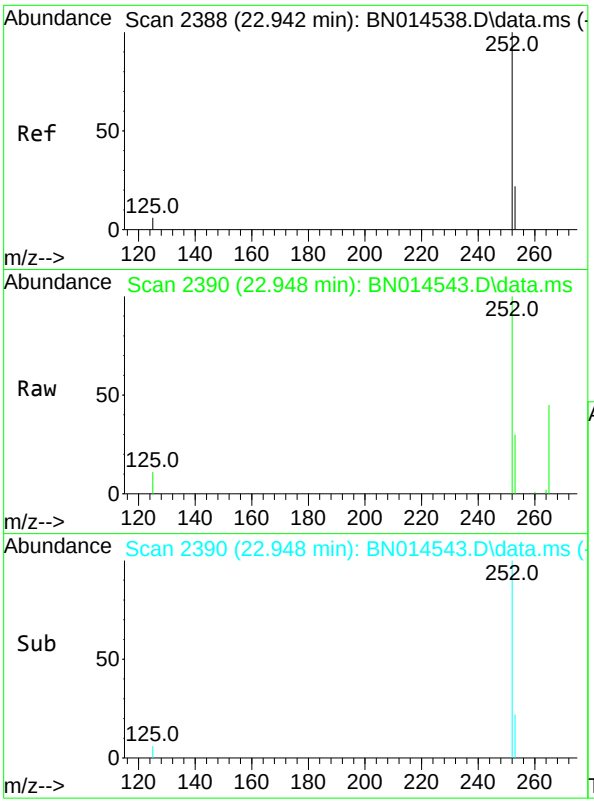
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.950 min Scan# 3267
Delta R.T. 0.010 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:276 Resp: 7010

Ion	Ratio	Lower	Upper
276	100		
138	15.0	18.8	28.2#
277	25.7	19.8	29.8



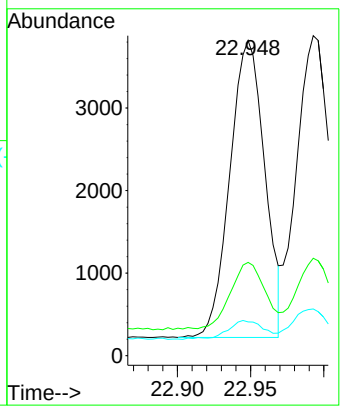
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

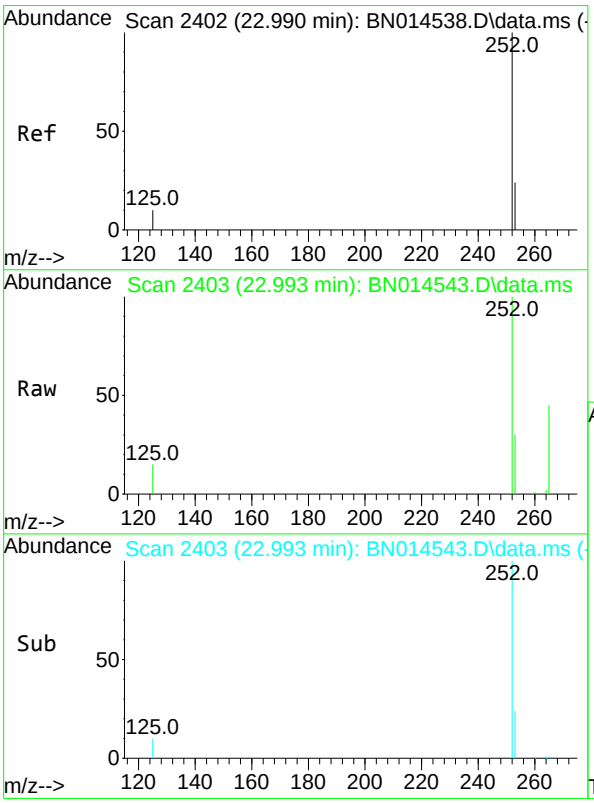


#37
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.948 min Scan# 2390
Delta R.T. 0.007 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:252 Resp: 5945

Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.6	29.4#
125	10.7	10.3	15.5

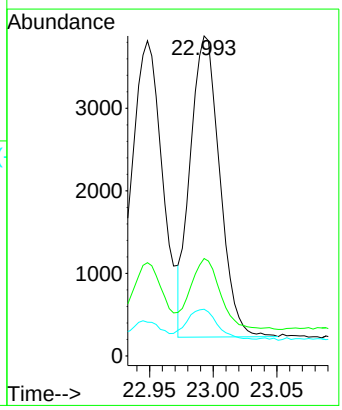




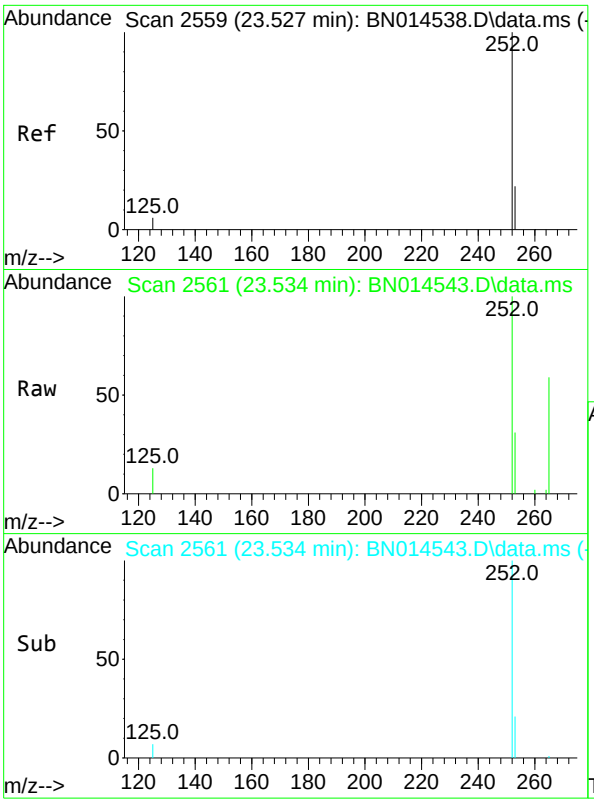
#38
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 22.993 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:252 Resp: 5864

Ion	Ratio	Lower	Upper
252	100		
253	30.4	19.7	29.5#
125	14.6	9.7	14.5#



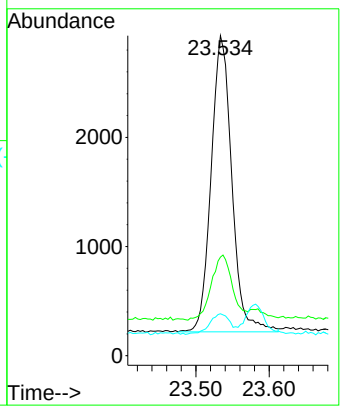
Instrument :
BNA_N
ClientSampleId :
ICVBN050721

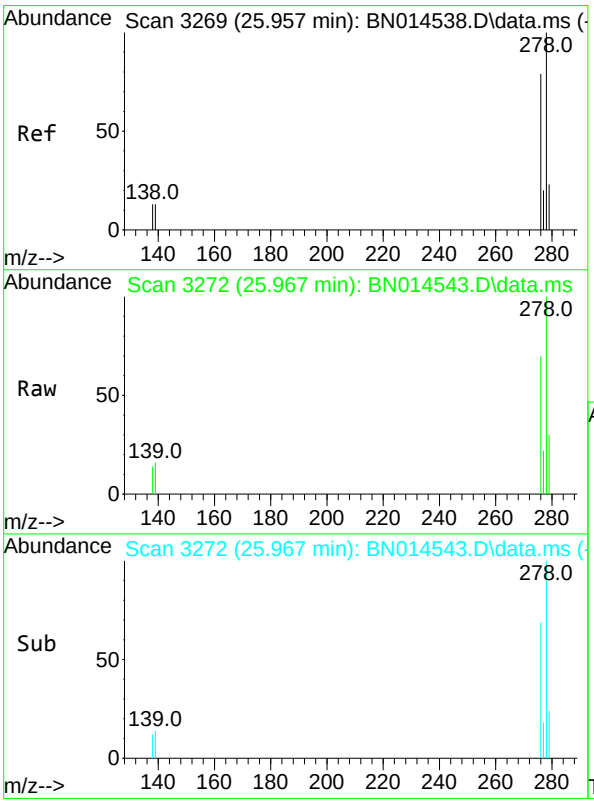


#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.534 min Scan# 2561
Delta R.T. 0.007 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:252 Resp: 5314

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.8	32.6
125	13.1	14.9	22.3#

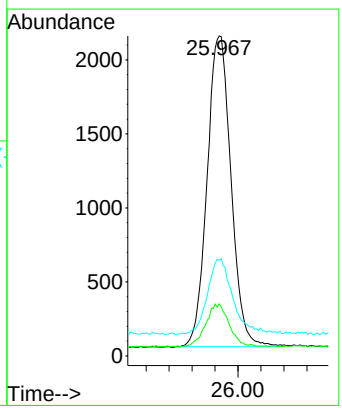


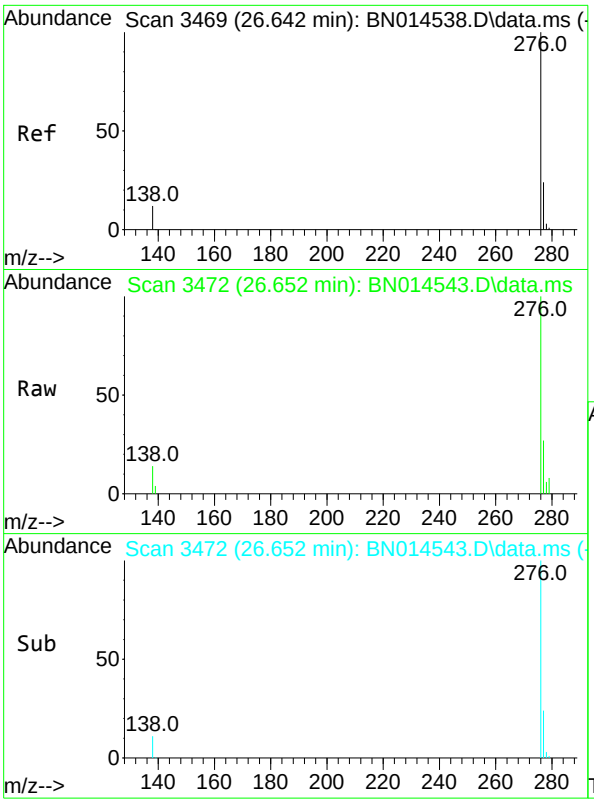


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.967 min Scan# 3272
Delta R.T. 0.010 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:278 Resp: 6071

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.9	20.9
279	29.9	20.7	31.1

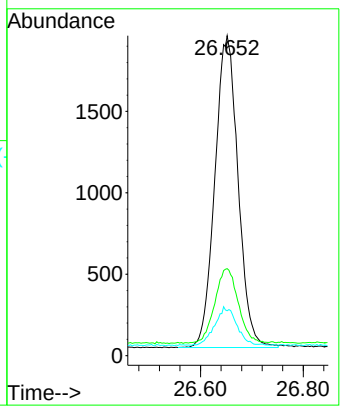




#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.652 min Scan# 3472
Delta R.T. 0.010 min
Lab File: BN014543.D
Acq: 07 May 2021 17:26

Tgt Ion:276 Resp: 5992

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.6	29.4
138	14.0	17.5	26.3#



Instrument :
BNA_N
ClientSampleId :
ICVBN050721