Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051121\
Data File : BN014570.D
Acq On : 11 May 2021 19:55
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN051121

Quant Time: May 12 04:16:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 04:14:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	768	0.40	ng		# 0.00
7) Naphthalene-d8	10.530	136	2978	0.40	ng		# 0.00
13) Acenaphthene-d10	14.384	164	2157	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	5273	0.40	ng		# 0.00
29) Chrysene-d12	21.324	240	6853	0.40	ng		#-0.01
35) Perylene-d12	23.602	264	6731	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	748	0.37	ng		0.00
5) Phenol-d6	6.903	99	1041	0.38	ng		0.00
8) Nitrobenzene-d5	8.883	82	893	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.120	152	2616	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	312	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	2848	0.36	ng		0.00
27) Fluoranthene-d10	19.168	212	8183	0.35	ng		0.00
31) Terphenyl-d14	19.774	244	6038	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.295	88	392	0.35	ng		95
3) n-Nitrosodimethylamine	3.746	42	35	0.09	ng	#	1
6) bis(2-Chloroethyl)ether	7.169	93	863	0.38	ng		90
9) Naphthalene	10.568	128	2829	0.36	ng	#	92
10) Hexachlorobutadiene	10.872	225	680	0.36	ng	#	99
12) 2-Methylnaphthalene	12.195	142	2056	0.36	ng	#	92
16) Acenaphthylene	14.105	152	2679	0.34	ng		98
17) Acenaphthene	14.448	154	2109	0.36	ng		99
18) Fluorene	15.437	166	2763	0.35	ng		97
20) 4,6-Dinitro-2-methylph...	15.513	198	185	0.38	ng	#	1
21) 4-Bromophenyl-phenylether	16.325	248	1121	0.35	ng	#	72
22) Hexachlorobenzene	16.447	284	1242	0.36	ng		91
23) Atrazine	16.605	200	627	0.31	ng	#	90
24) Pentachlorophenol	16.788	266	320	0.28	ng	#	40
25) Phenanthrene	17.177	178	5090	0.35	ng		99
26) Anthracene	17.262	178	4042	0.33	ng		99
28) Fluoranthene	19.203	202	6631	0.35	ng		98
30) Pyrene	19.566	202	6576	0.35	ng		99
32) Benzo(a)anthracene	21.314	228	6825	0.34	ng		99
33) Chrysene	21.367	228	7700	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	21.261	149	1770	0.34	ng	#	81
36) Indeno(1,2,3-cd)pyrene	25.899	276	9752	0.36	ng	#	92
37) Benzo(b)fluoranthene	22.962	252	8433	0.37	ng		97
38) Benzo(k)fluoranthene	22.962	252	8433	0.35	ng		97
39) Benzo(a)pyrene	23.503	252	6763	0.35	ng	#	94
40) Dibenzo(a,h)anthracene	25.913	278	8327	0.36	ng	#	95
41) Benzo(g,h,i)perylene	26.597	276	7752	0.35	ng	#	91

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

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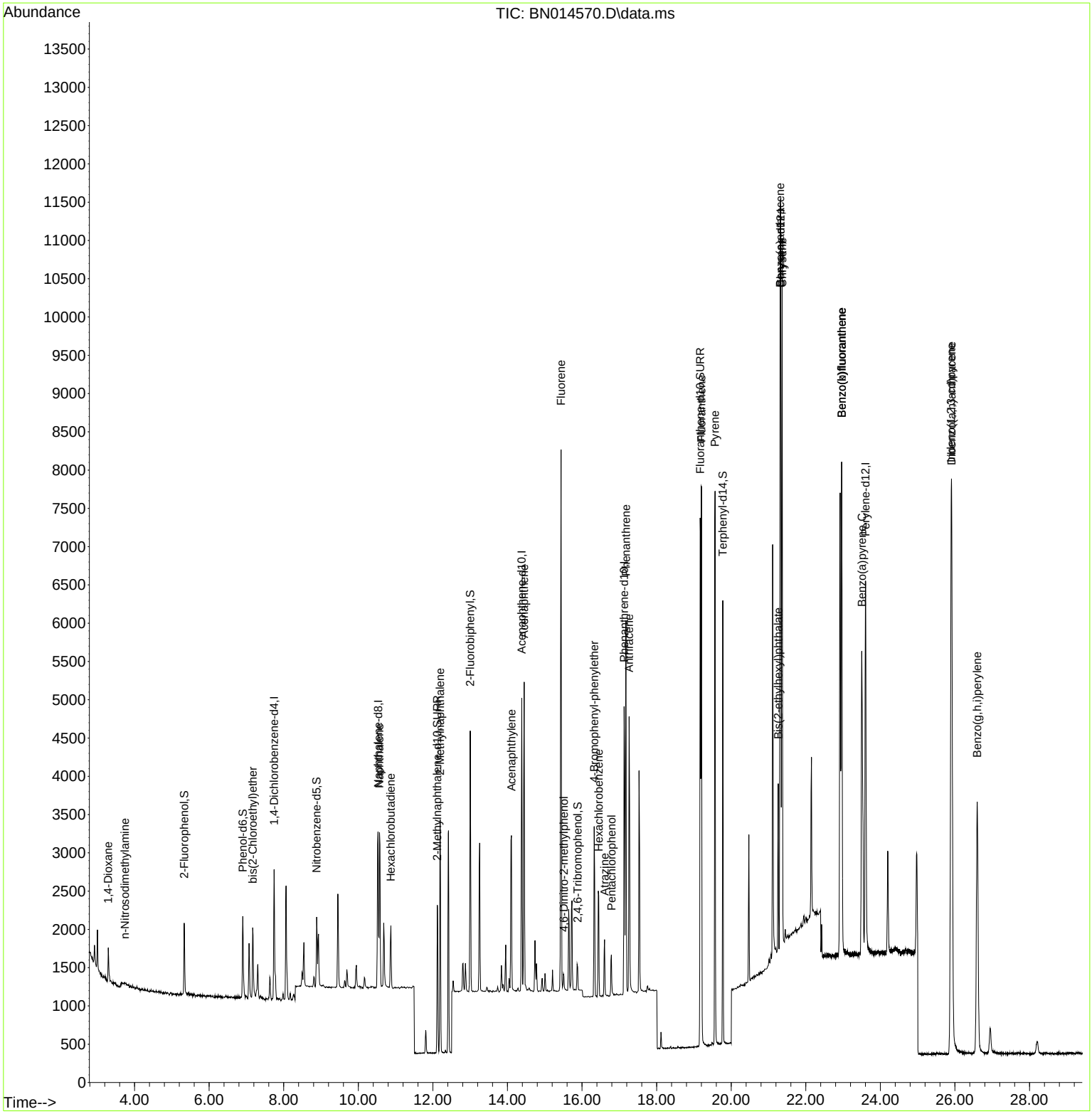
Data File : BN014570.D
Acq On : 11 May 2021 19:55
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051121

Quant Time: May 12 04:16:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 04:14:57 2021
Response via : Initial Calibration



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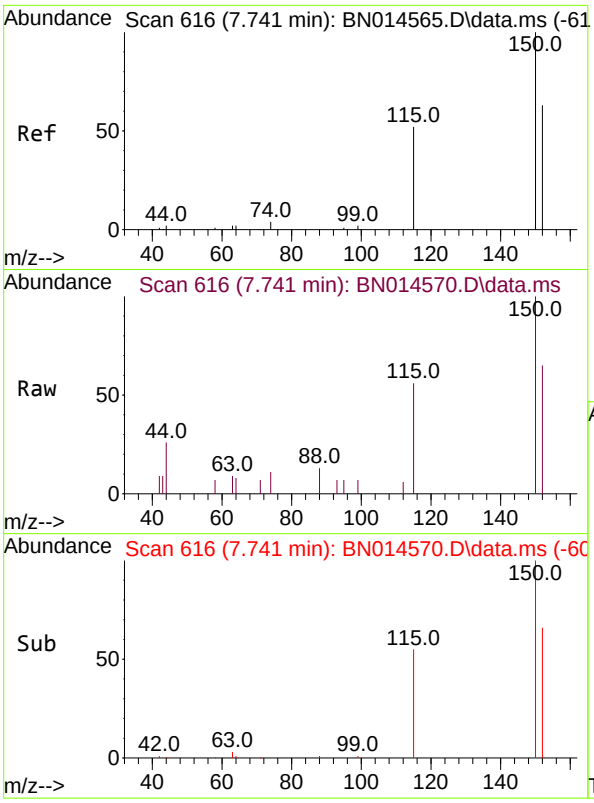
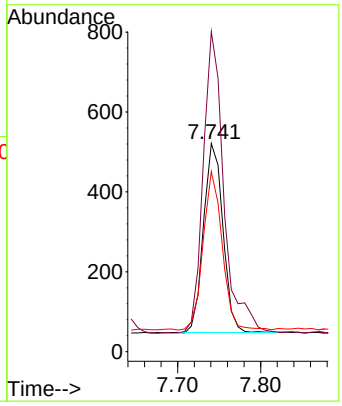
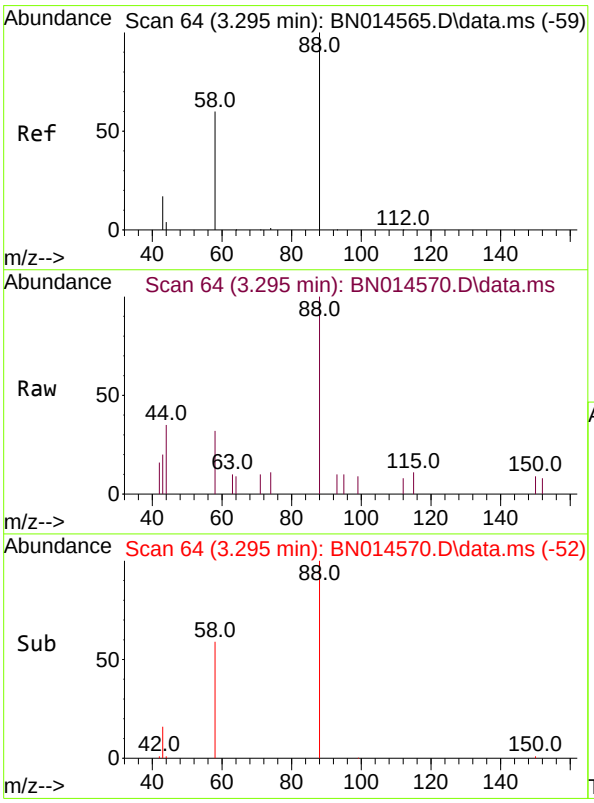


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:152 Resp: 768

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.8
115	86.6	47.0	70.4#

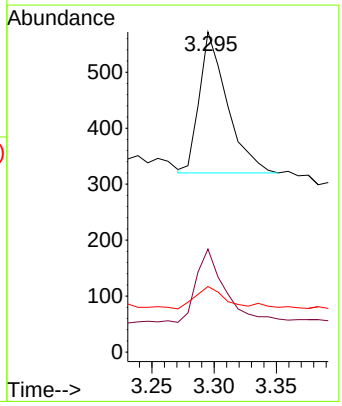




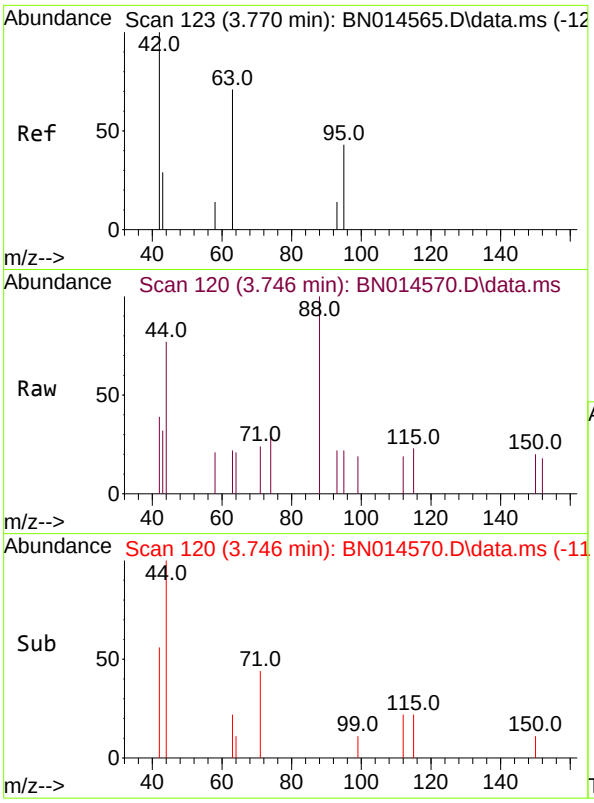
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.295 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion: 88 Resp: 392

Ion	Ratio	Lower	Upper
88	100		
58	52.8	44.4	66.6
43	16.6	15.9	23.9



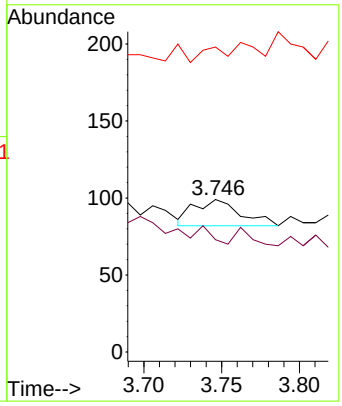
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

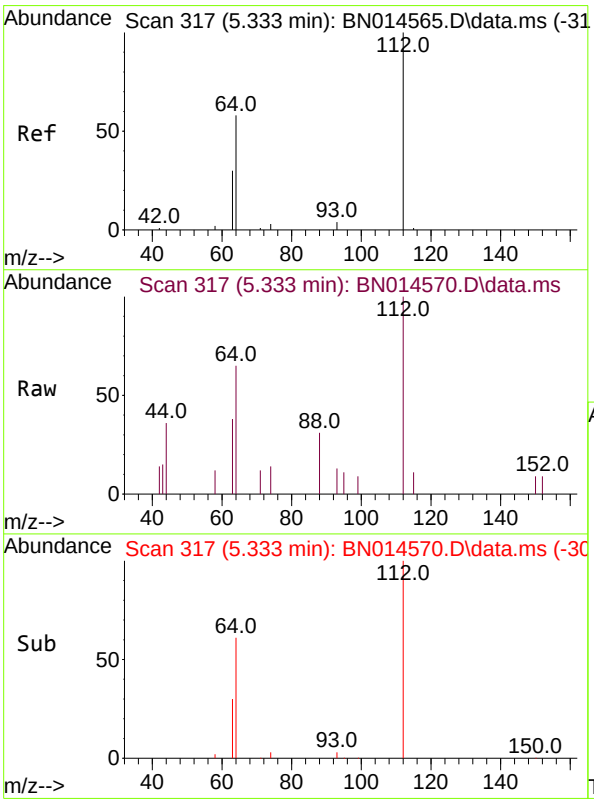


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.746 min Scan# 120
Delta R.T. -0.024 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion: 42 Resp: 35

Ion	Ratio	Lower	Upper
42	100		
74	22.9	175.1	262.7#
44	31.4	7.5	11.3#

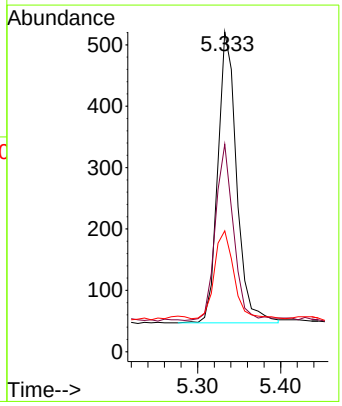




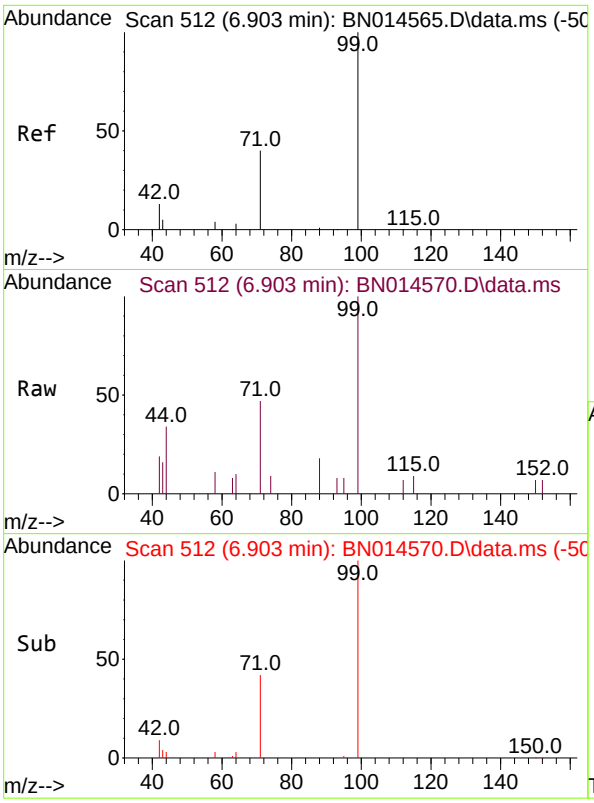
#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.333 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:112 Resp: 748

Ion	Ratio	Lower	Upper
112	100		
64	58.2	41.8	62.6
63	31.0	22.0	33.0



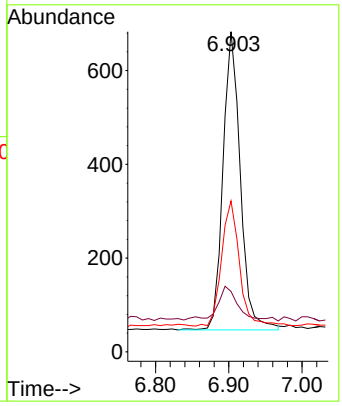
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

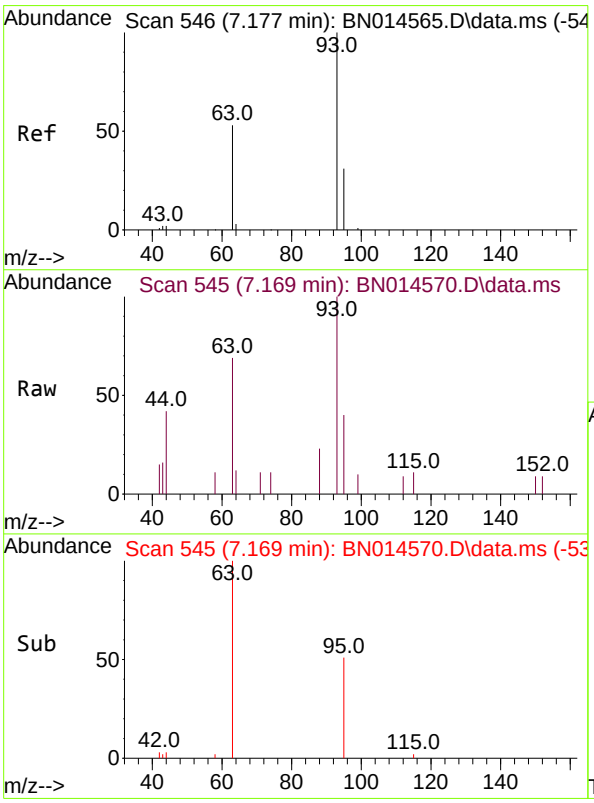


#5
Phenol-d6
Concen: 0.38 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion: 99 Resp: 1041

Ion	Ratio	Lower	Upper
99	100		
42	12.7	13.2	19.8#
71	43.3	26.2	39.2#

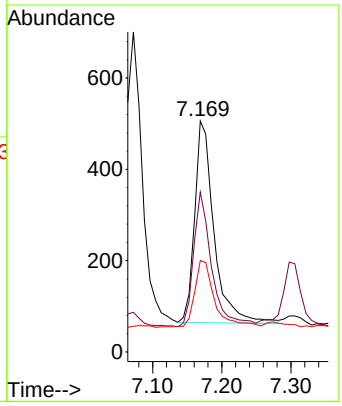


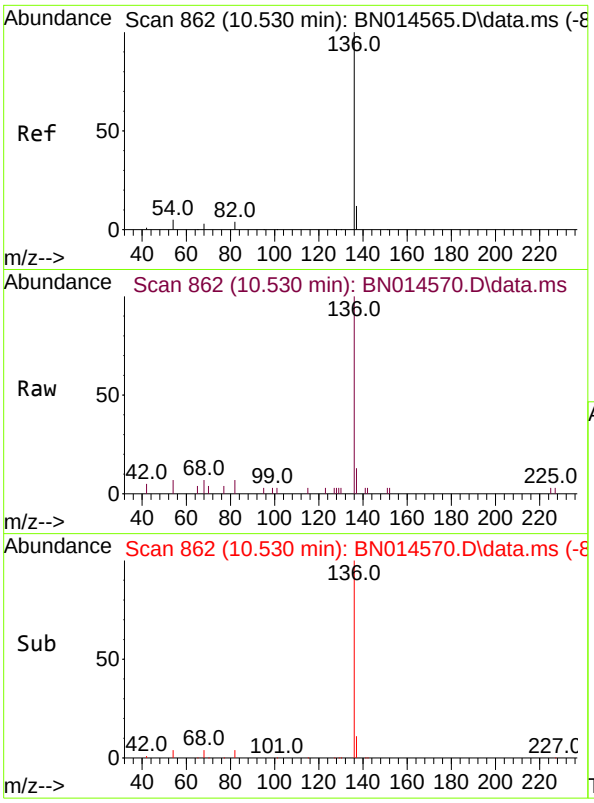


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.169 min Scan# 545
Delta R.T. -0.008 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion: 93 Resp: 863

Ion	Ratio	Lower	Upper
93	100		
63	61.0	58.0	87.0
95	33.3	27.0	40.6

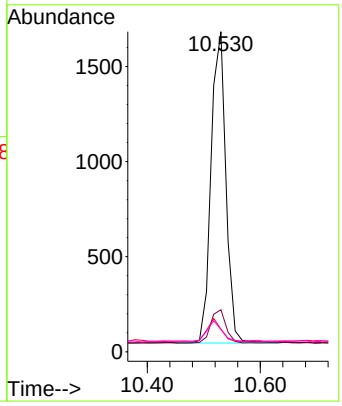




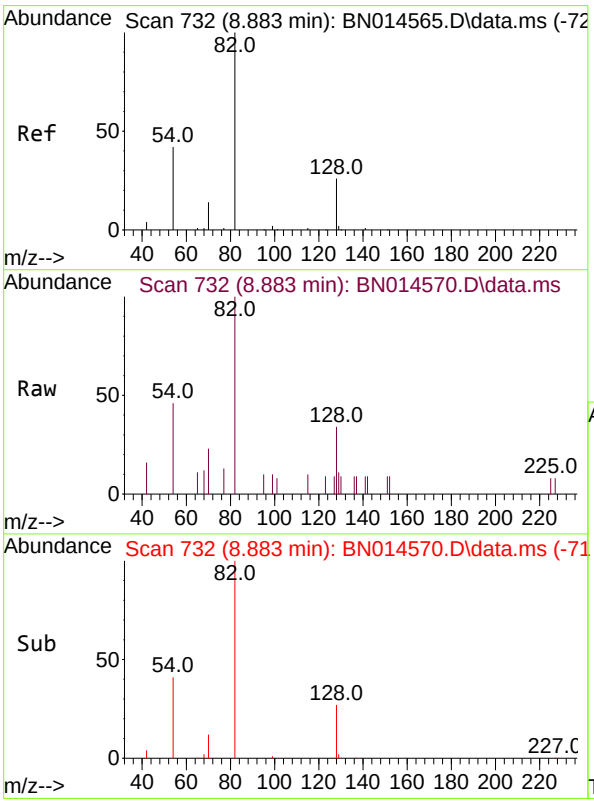
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:136 Resp: 2978

Ion	Ratio	Lower	Upper
136	100		
137	13.1	8.9	13.3
54	7.1	3.8	5.8#
68	7.0	3.8	5.6#



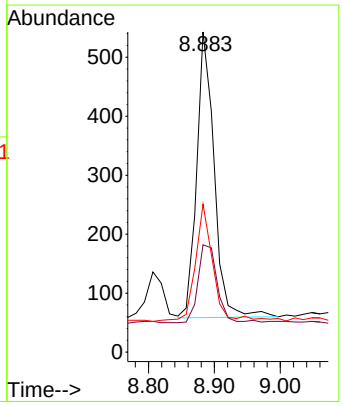
Instrument :
BNA_N
ClientSampleId :
ICVBN051121



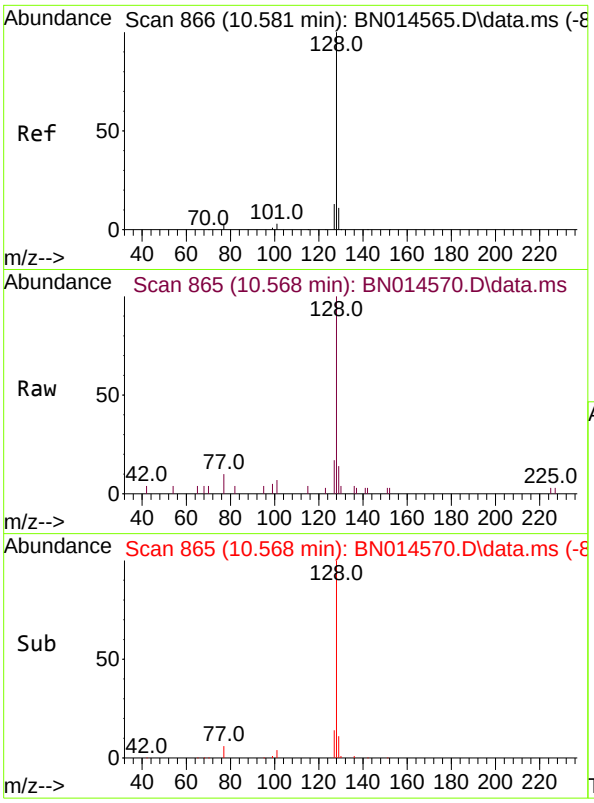
#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion: 82 Resp: 893

Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.5	44.3
54	46.2	36.9	55.3



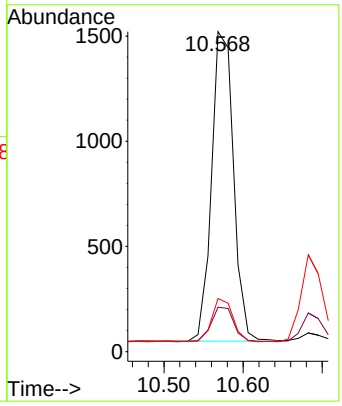
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

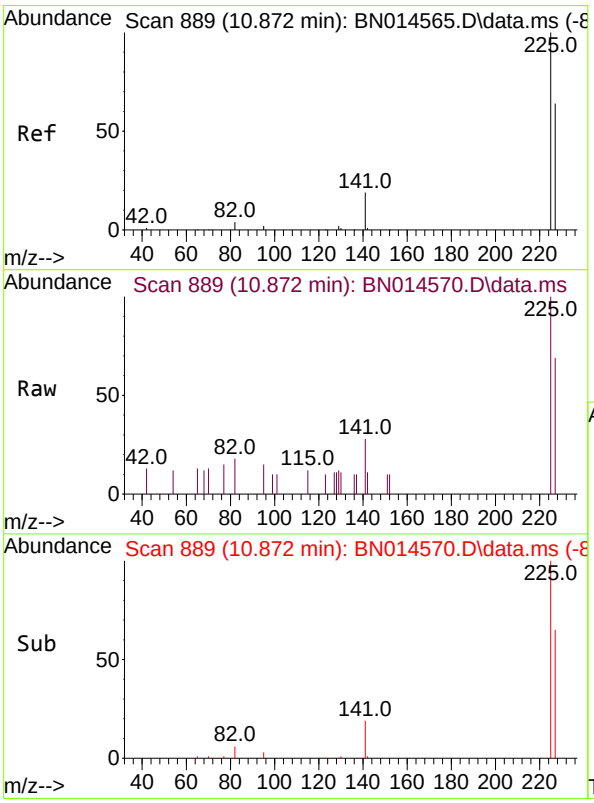


#9
Naphthalene
Concen: 0.36 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.013 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:128 Resp: 2829

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.0	13.4#
127	16.6	10.4	15.6#

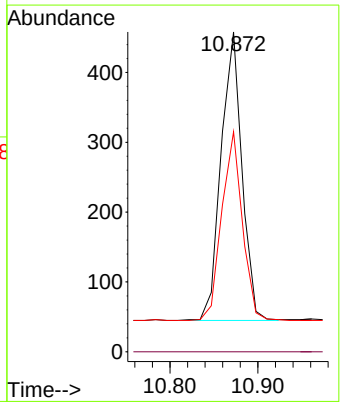




#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 10.872 min Scan# 889
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:225 Resp: 680

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.9	76.3



Instrument :
BNA_N
ClientSampleId :
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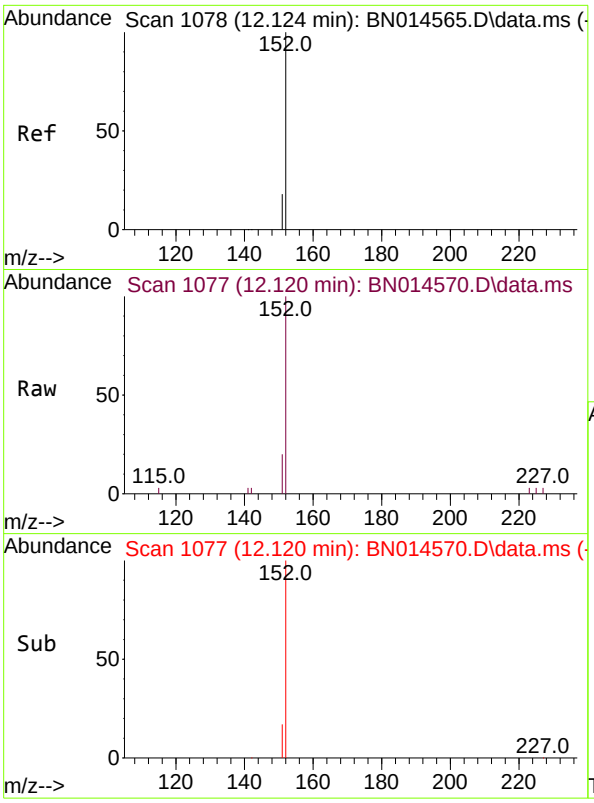
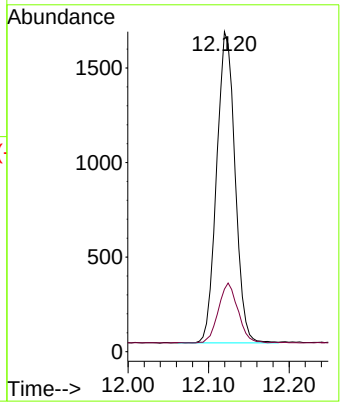
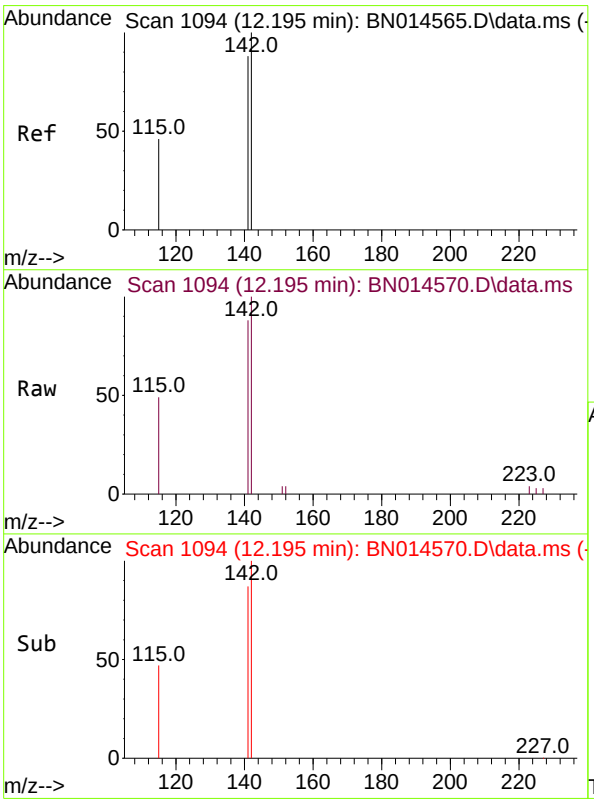


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.005 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:152 Resp: 2616

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2

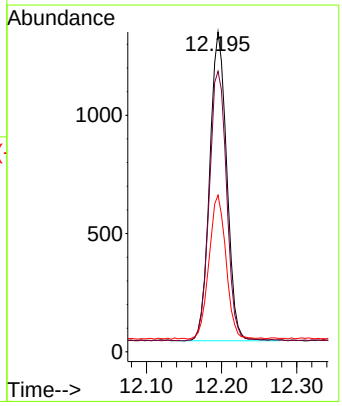




#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.195 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:142 Resp: 2056

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4
115	49.0	26.7	40.1#



Instrument :
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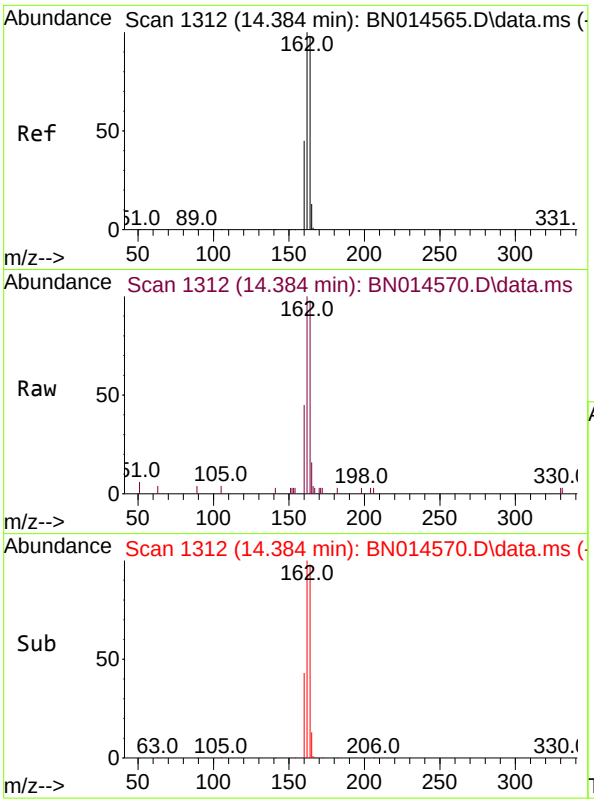
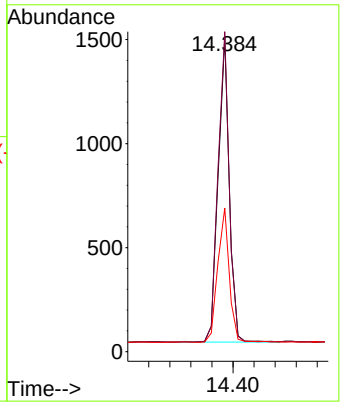
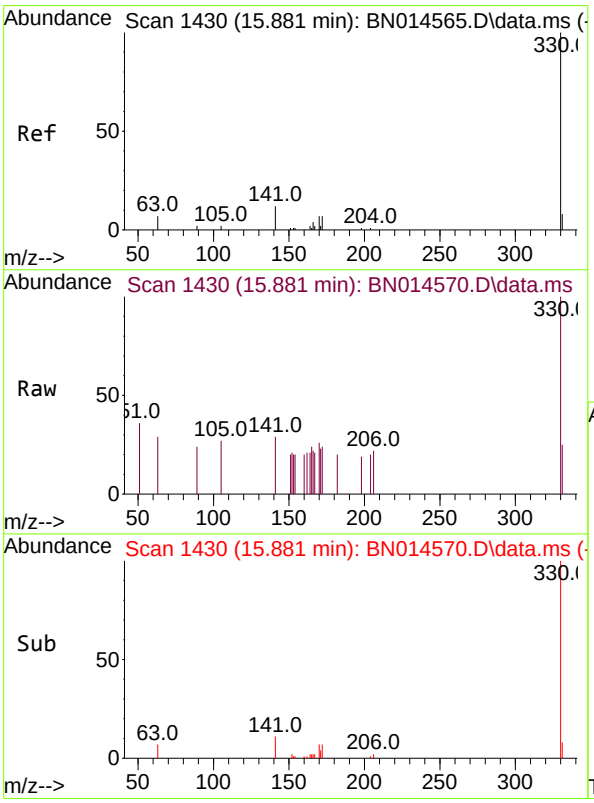


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:164 Resp: 2157

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.6	118.0
160	45.8	35.8	53.8

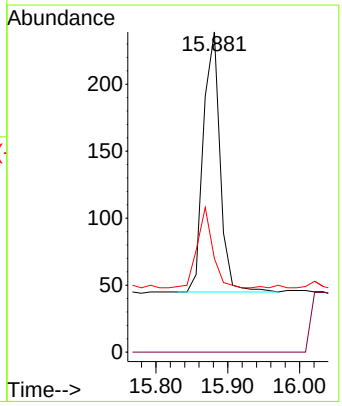




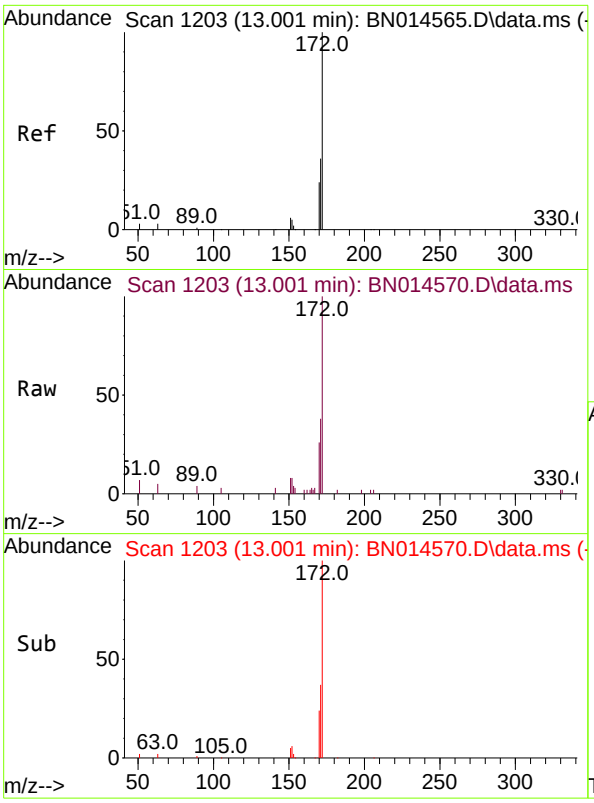
#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.881 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:330 Resp: 312

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.2	27.0	40.4



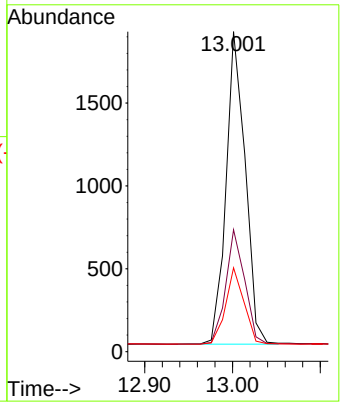
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

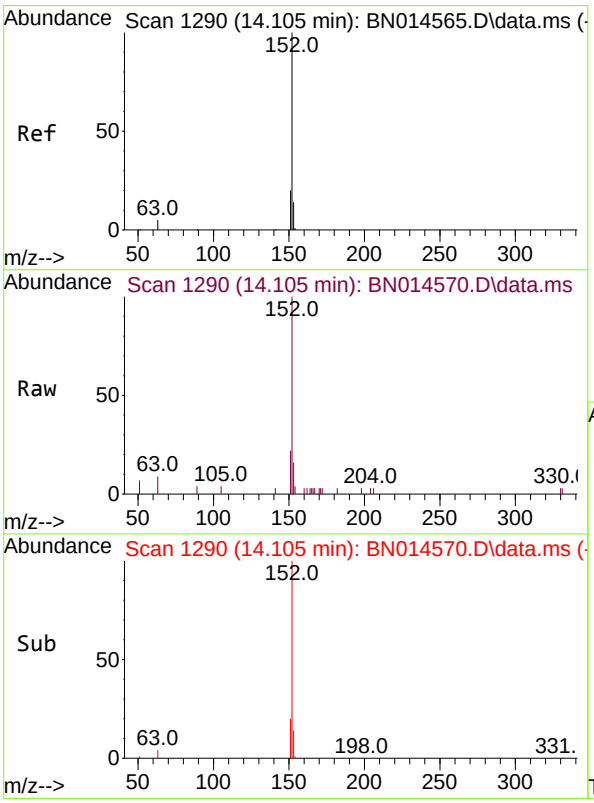


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:172 Resp: 2848

Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.1	40.7
170	26.2	18.3	27.5

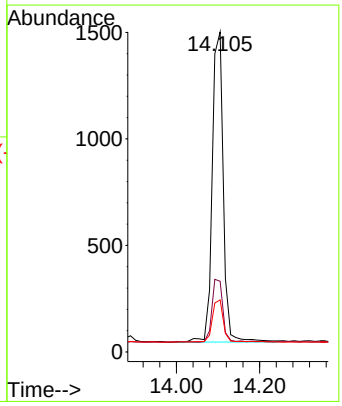




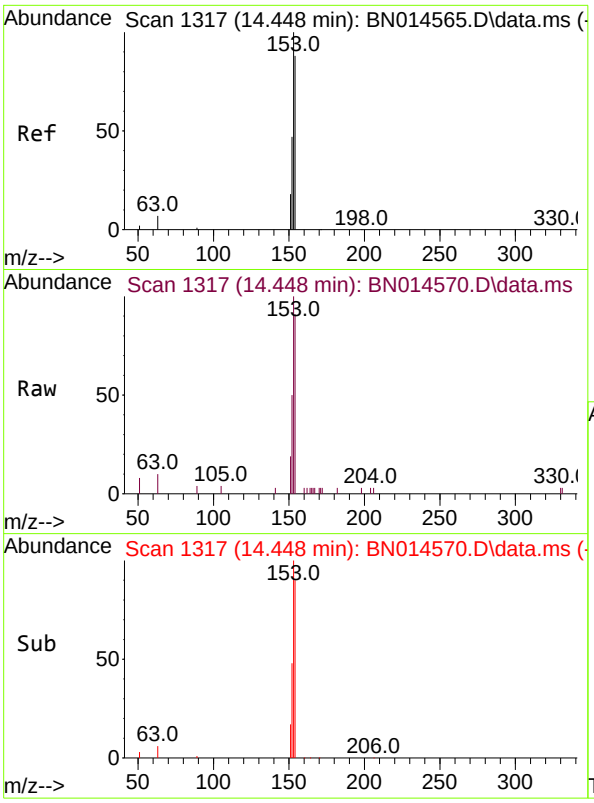
#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.105 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:152 Resp: 2679

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	14.1	10.5	15.7



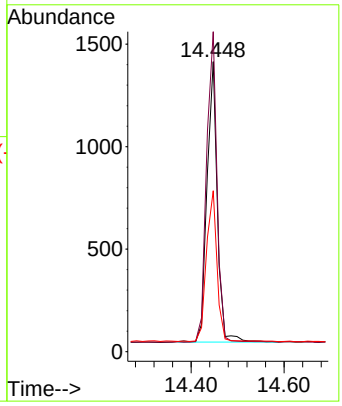
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

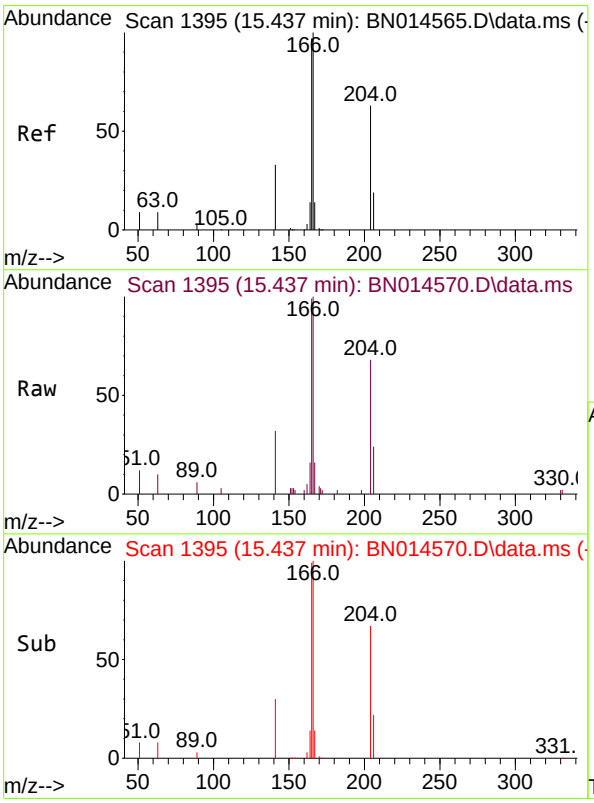


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.448 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:154 Resp: 2109

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.2	135.4
152	55.4	46.2	69.2

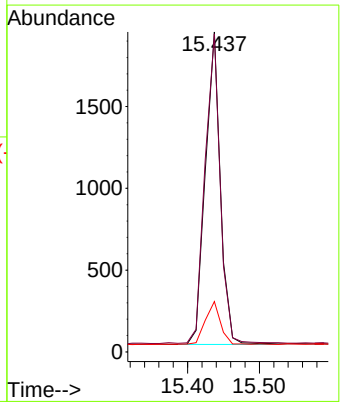




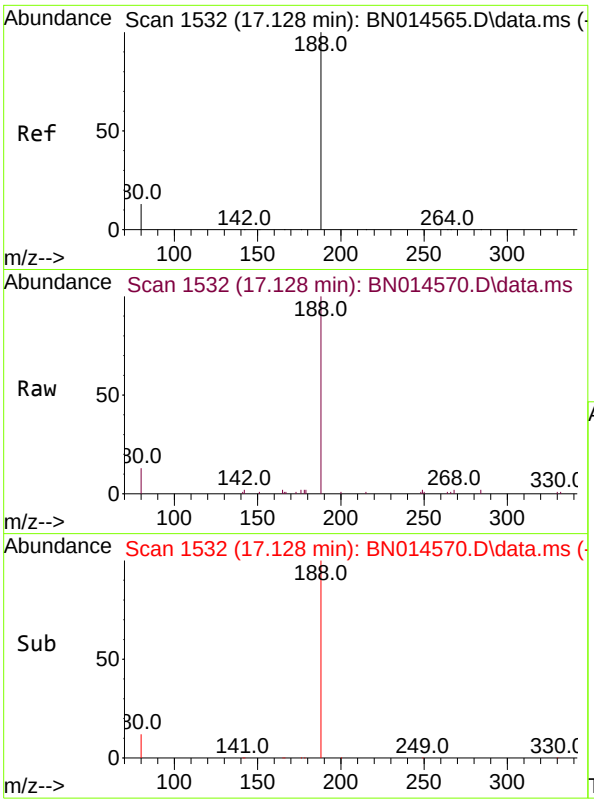
#18
Fluorene
Concen: 0.35 ng
RT: 15.437 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:166 Resp: 2763

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.4	117.6
167	14.0	10.7	16.1



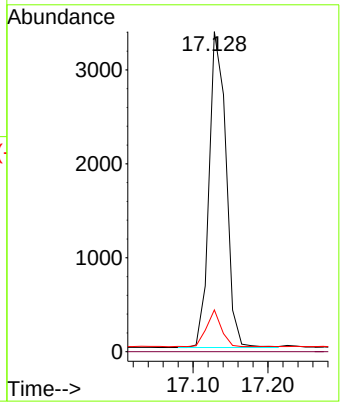
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

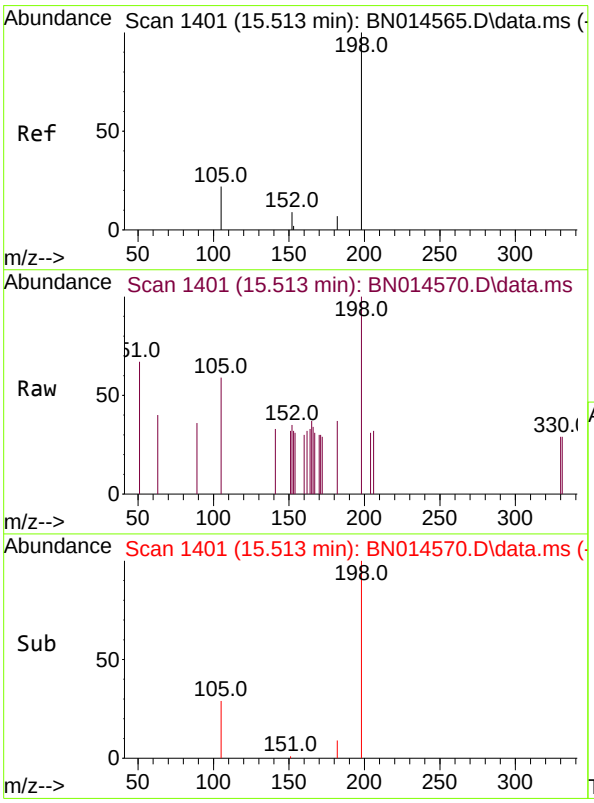


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:188 Resp: 5273

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	5.2	7.8#

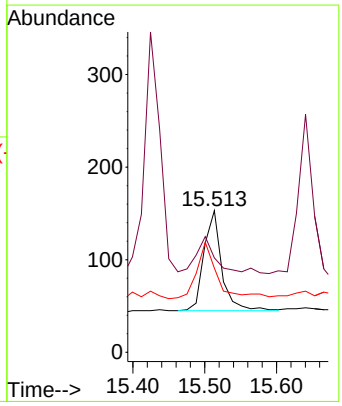




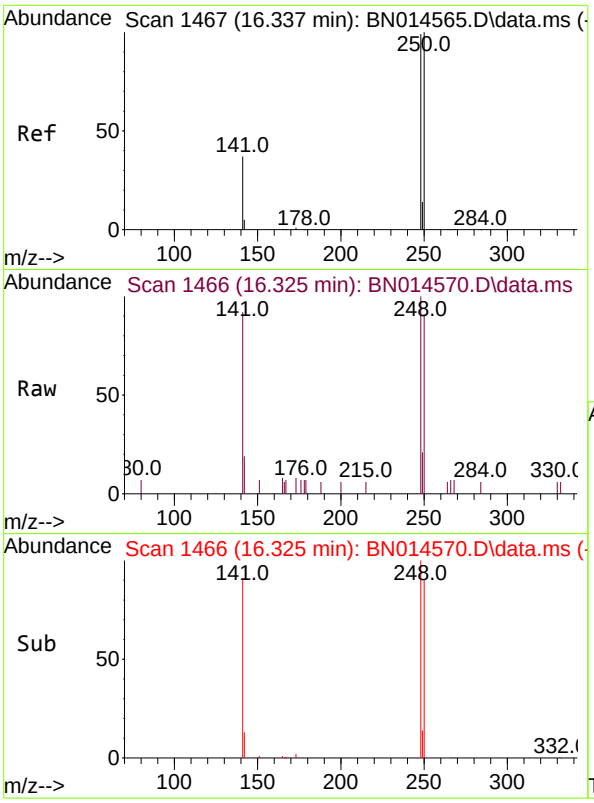
#20
4,6-Dinitro-2-methylphenol
Concen: 0.38 ng
RT: 15.513 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:198 Resp: 185

Ion	Ratio	Lower	Upper
198	100		
51	66.7	865.3	1297.9#
105	59.5	93.6	140.4#



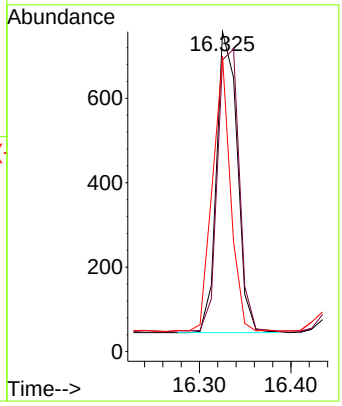
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

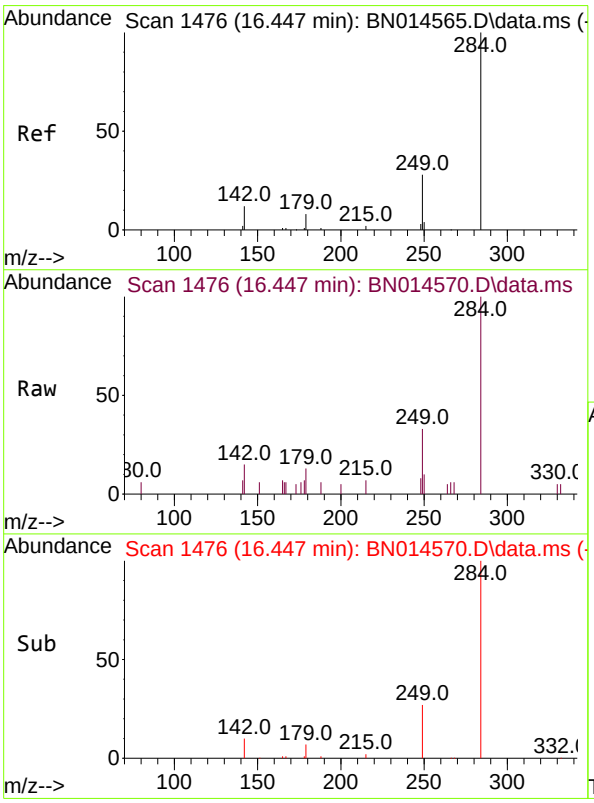


#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.325 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:248 Resp: 1121

Ion	Ratio	Lower	Upper
248	100		
250	91.2	80.5	120.7
141	92.3	37.2	55.8#

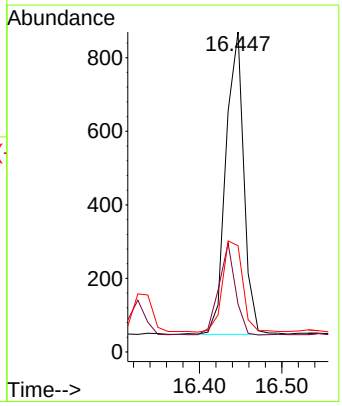




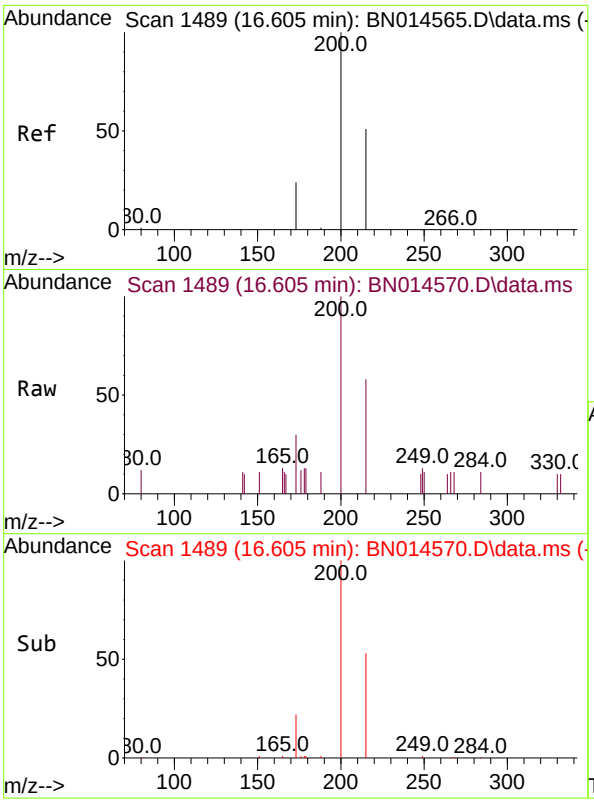
#22
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.447 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:284 Resp: 1242

Ion	Ratio	Lower	Upper
284	100		
142	27.8	26.6	39.8
249	34.1	23.6	35.4



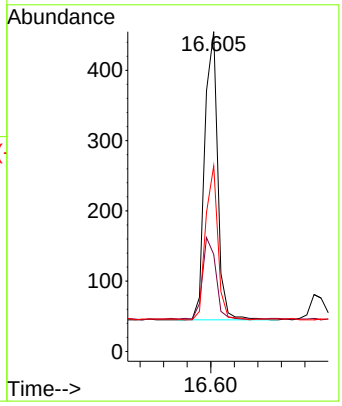
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

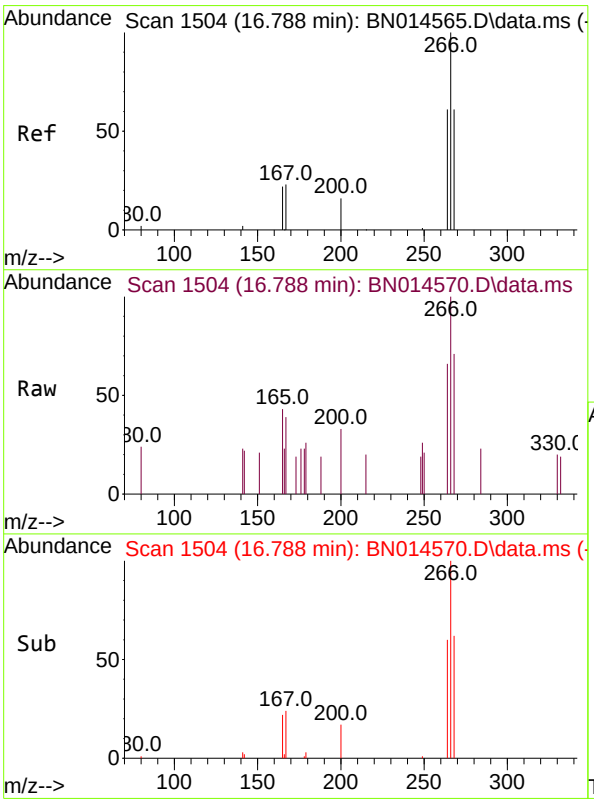


#23
Atrazine
Concen: 0.31 ng
RT: 16.605 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:200 Resp: 627

Ion	Ratio	Lower	Upper
200	100		
173	30.3	23.0	34.6
215	58.0	38.6	57.8#

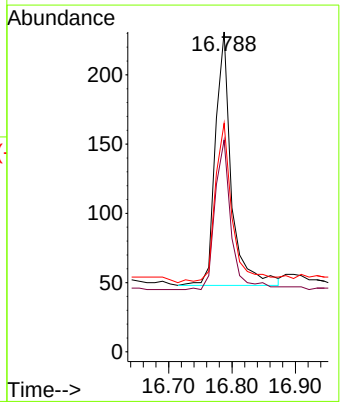




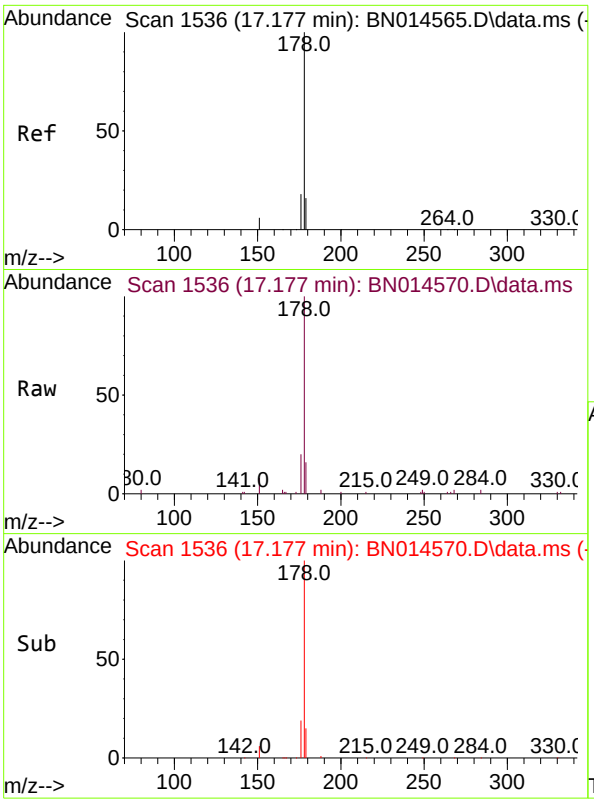
#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.788 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:266 Resp: 320

Ion	Ratio	Lower	Upper
266	100		
264	59.4	24.2	36.4#
268	67.8	25.2	37.8#



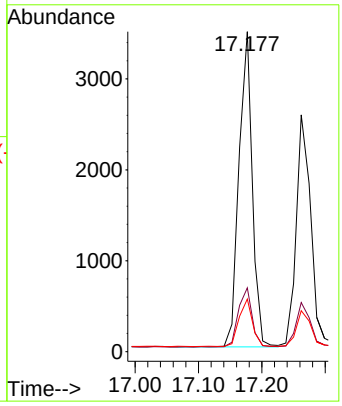
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

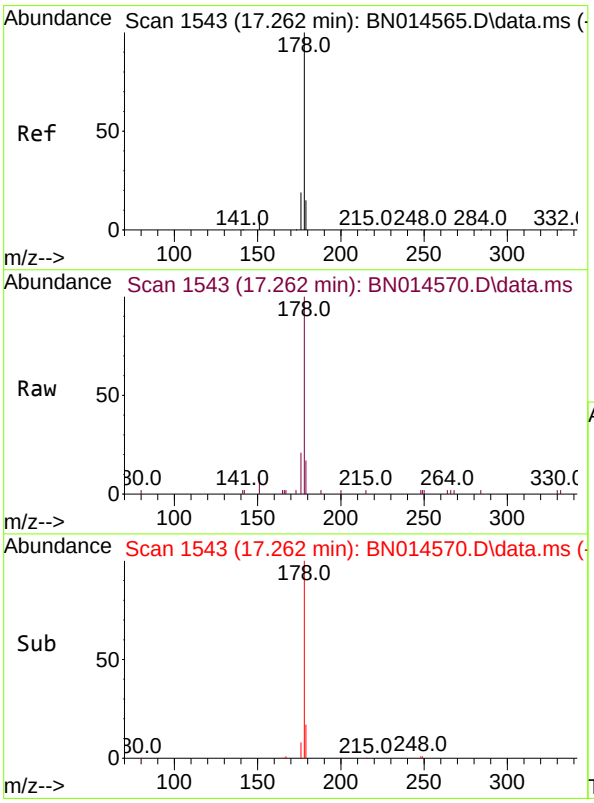


#25
Phenanthrene
Concen: 0.35 ng
RT: 17.177 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:178 Resp: 5090

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.2	12.4	18.6

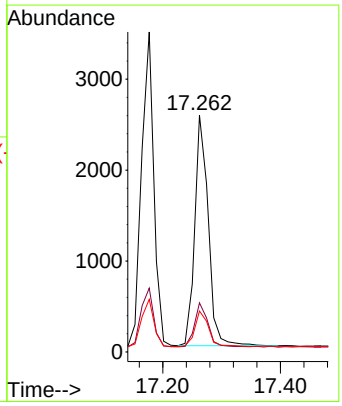




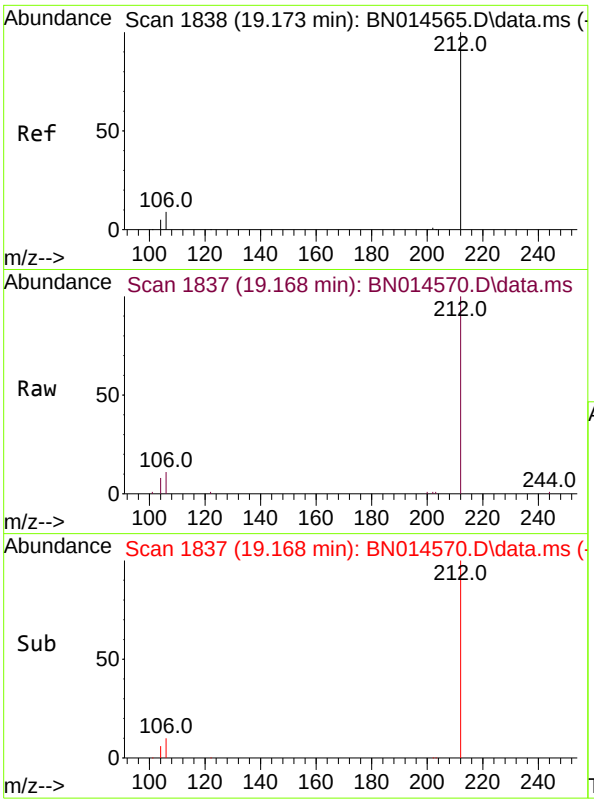
#26
Anthracene
Concen: 0.33 ng
RT: 17.262 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:178 Resp: 4042

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.6	12.2	18.2



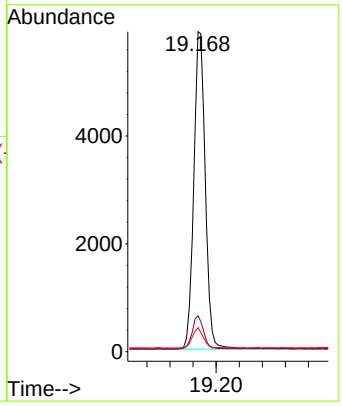
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

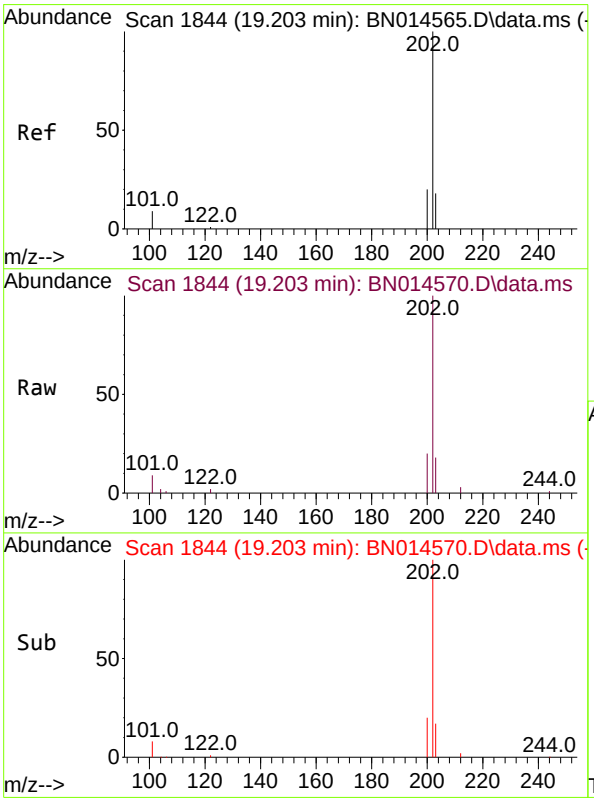


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.168 min Scan# 1837
Delta R.T. -0.005 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:212 Resp: 8183

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

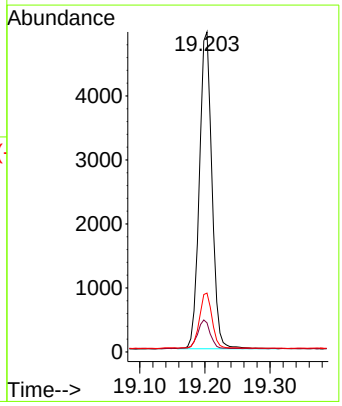




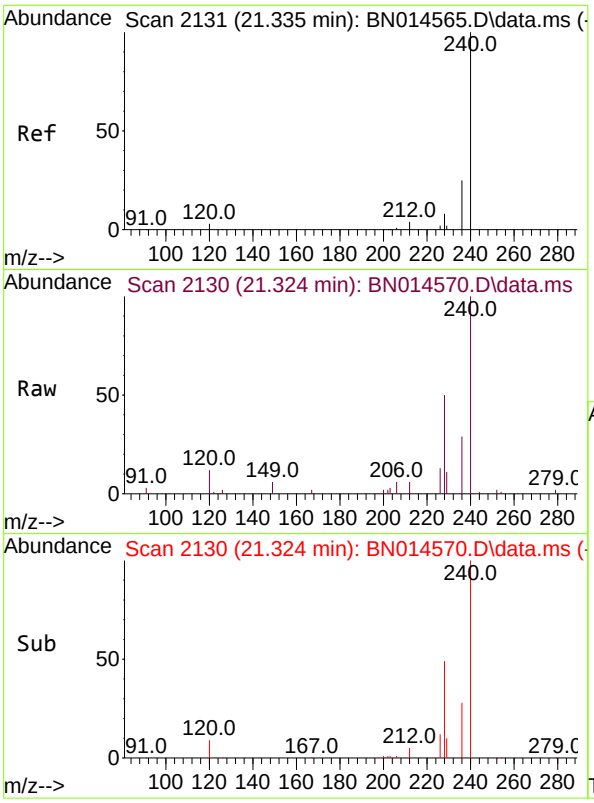
#28
Fluoranthene
Concen: 0.35 ng
RT: 19.203 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:202 Resp: 6631

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.4	12.6
203	17.3	13.5	20.3



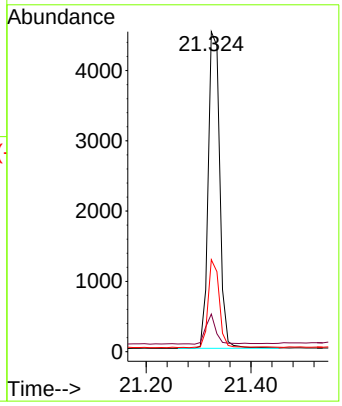
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

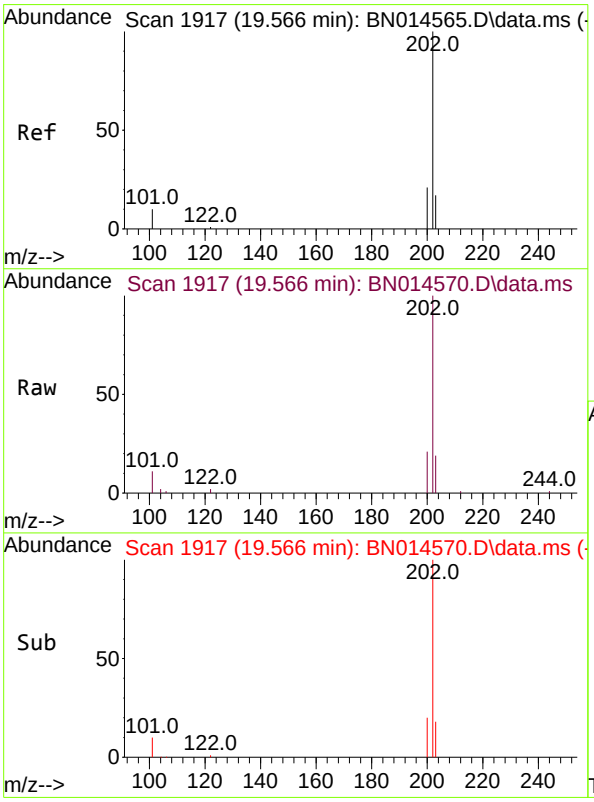


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:240 Resp: 6853

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	28.7	20.6	30.8

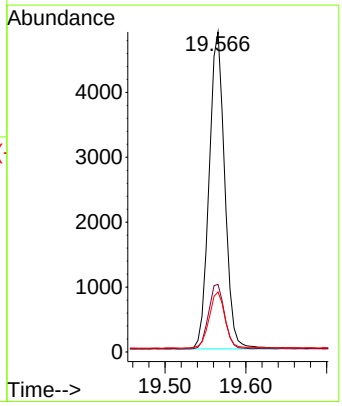




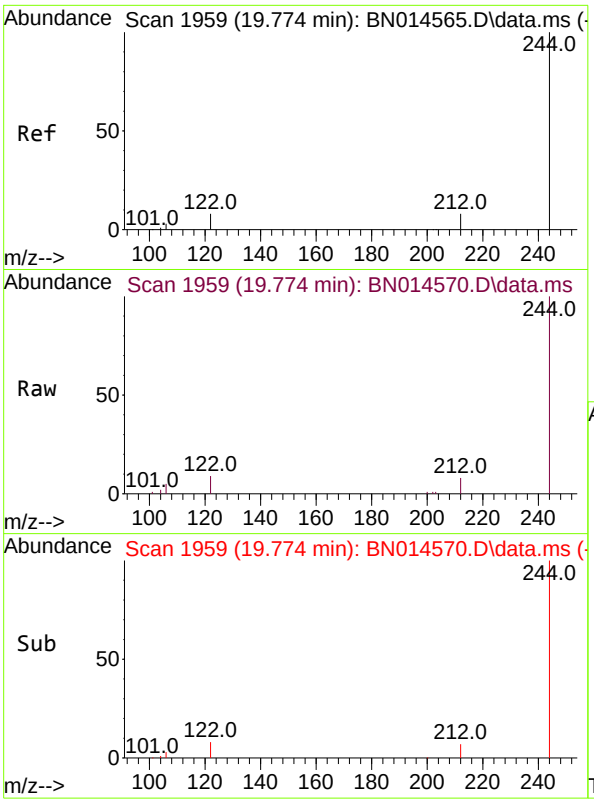
#30
Pyrene
Concen: 0.35 ng
RT: 19.566 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:202 Resp: 6576

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	18.0	14.0	21.0



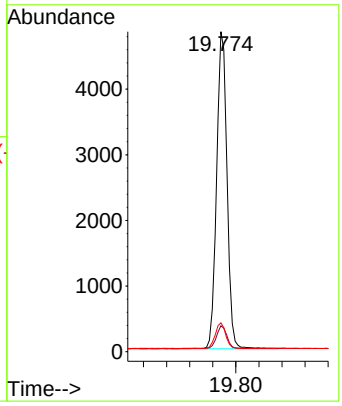
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

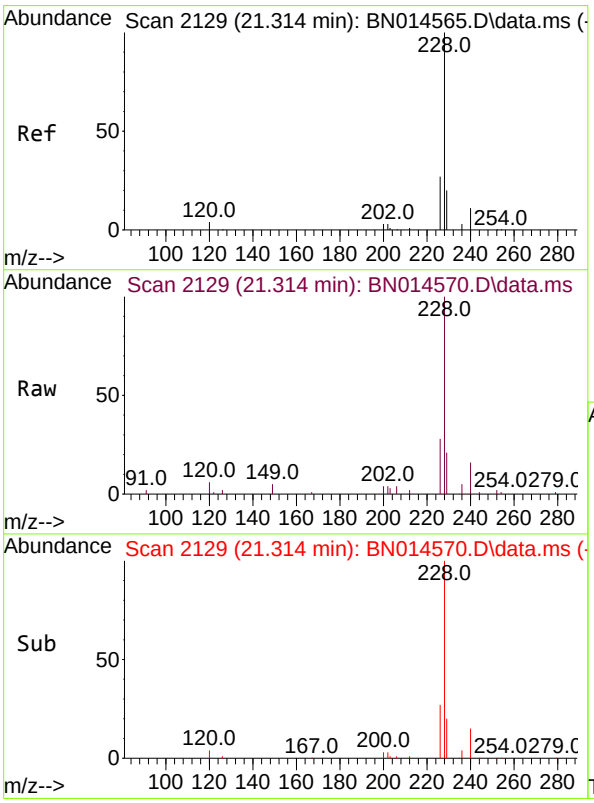


#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.774 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:244 Resp: 6038

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

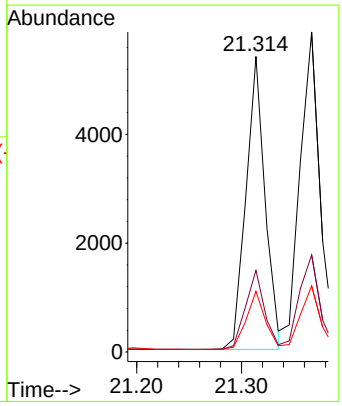




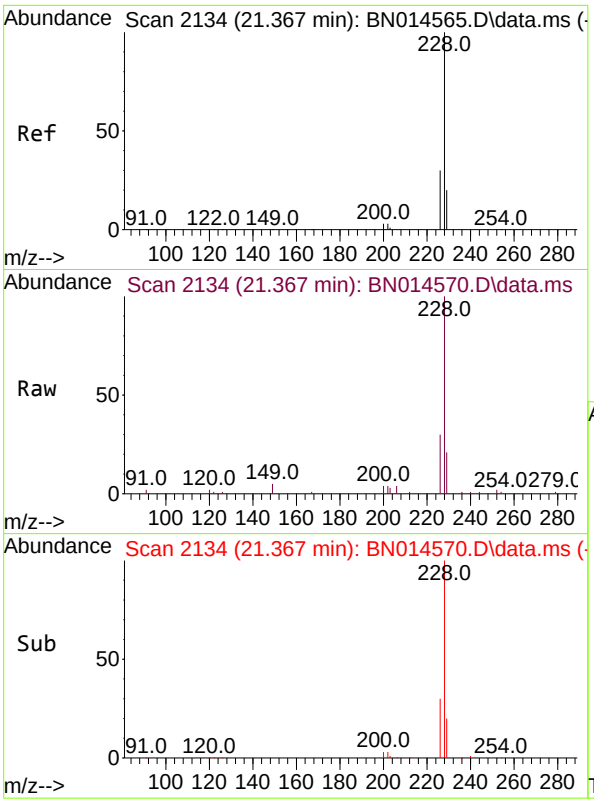
#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:228 Resp: 6825

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.5	15.7	23.5



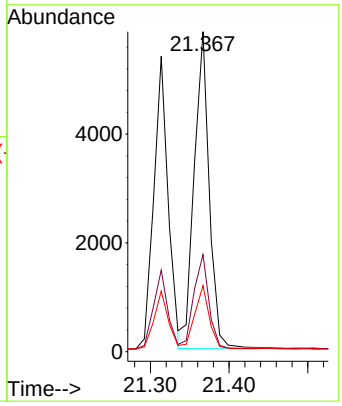
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

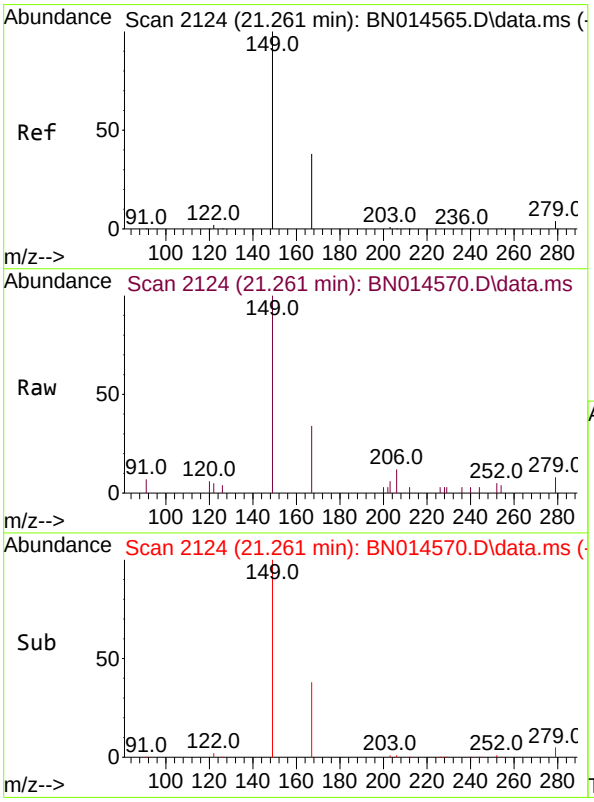


#33
Chrysene
Concen: 0.37 ng
RT: 21.367 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:228 Resp: 7700

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	20.6	15.6	23.4

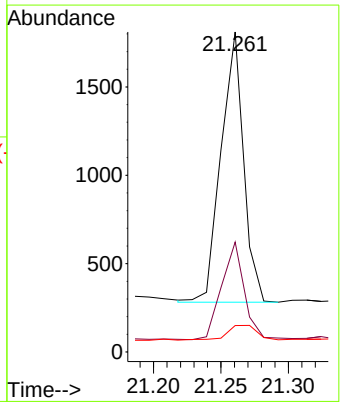




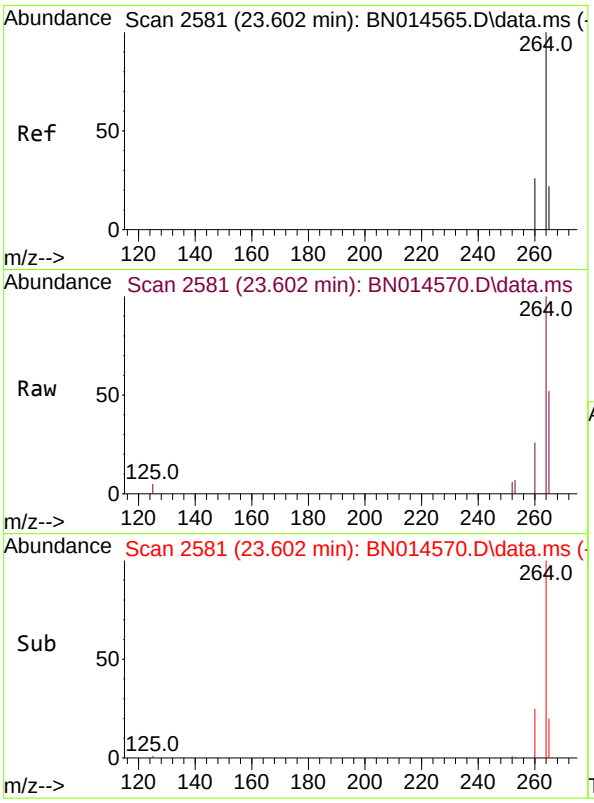
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:149 Resp: 1770

Ion	Ratio	Lower	Upper
149	100		
167	36.0	20.5	30.7#
279	7.3	2.9	4.3#



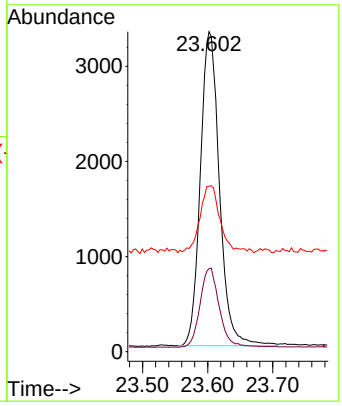
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

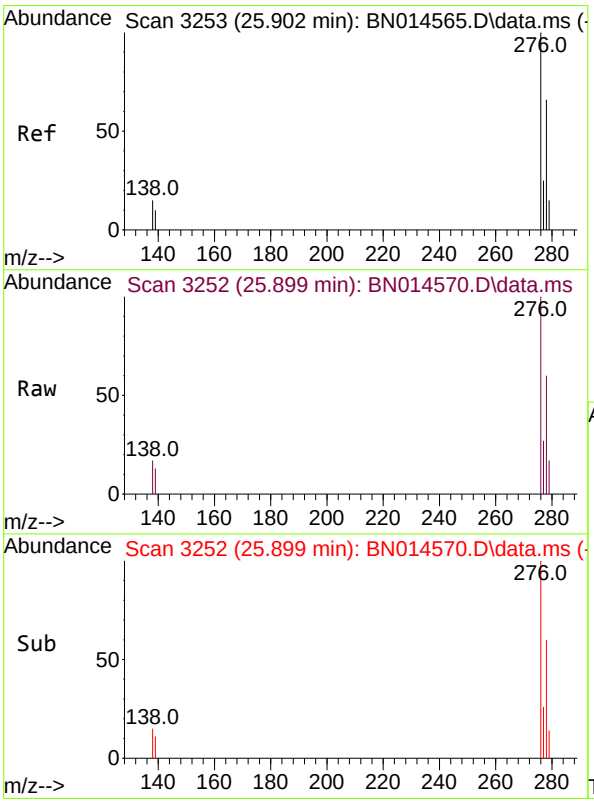


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.602 min Scan# 2581
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:264 Resp: 6731

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	51.7	35.4	53.0

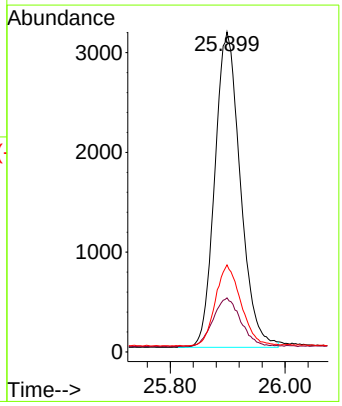




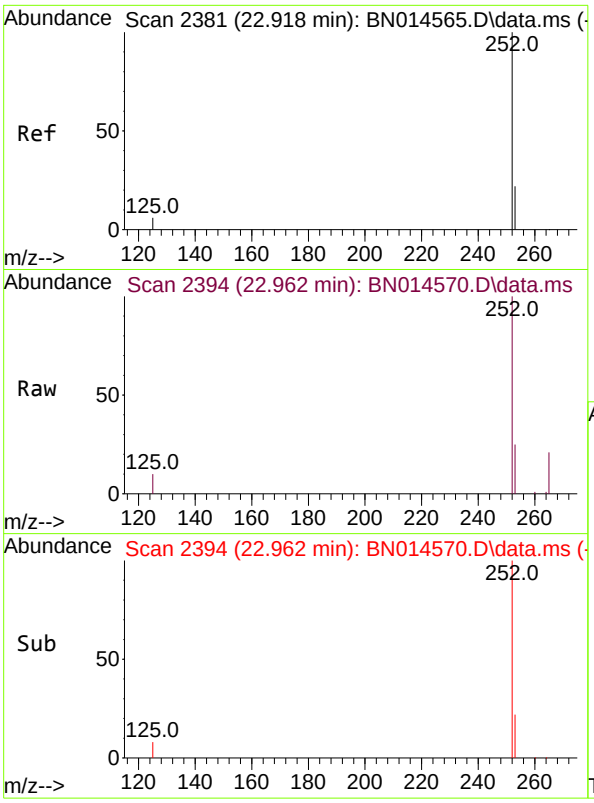
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 25.899 min Scan# 3252
Delta R.T. -0.003 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:276 Resp: 9752

Ion	Ratio	Lower	Upper
276	100		
138	16.8	18.8	28.2#
277	25.8	19.8	29.8



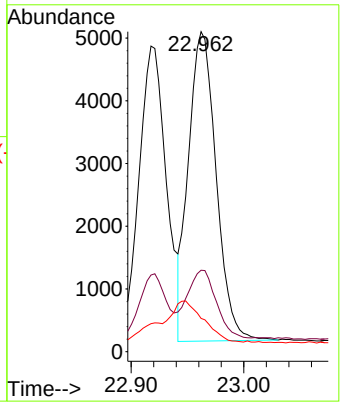
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

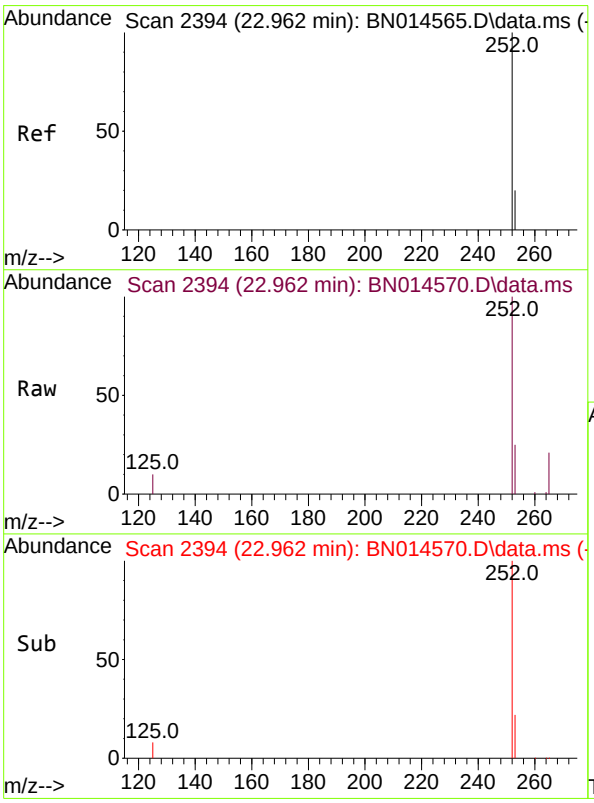


#37
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.962 min Scan# 2394
Delta R.T. 0.044 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:252 Resp: 8433

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	10.4	10.3	15.5

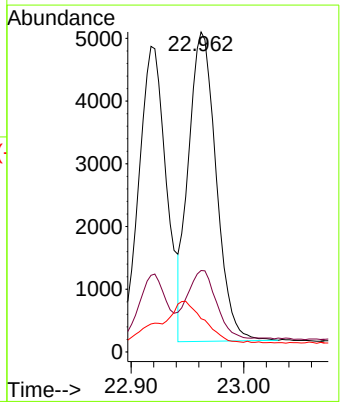




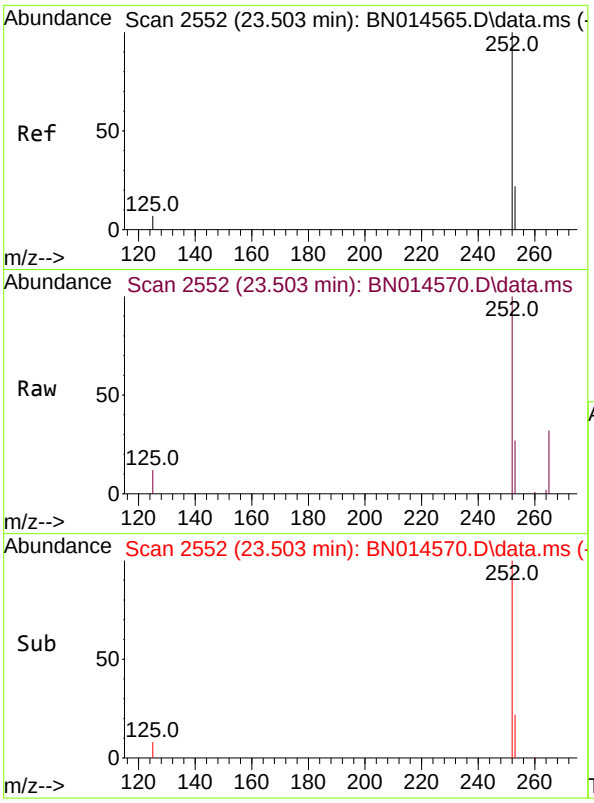
#38
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 22.962 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:252 Resp: 8433

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.7	29.5
125	10.4	9.7	14.5



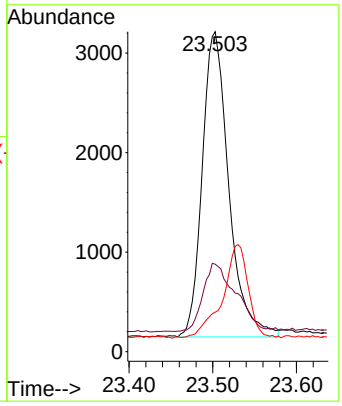
Instrument :
BNA_N
ClientSampleId :
ICVBN051121

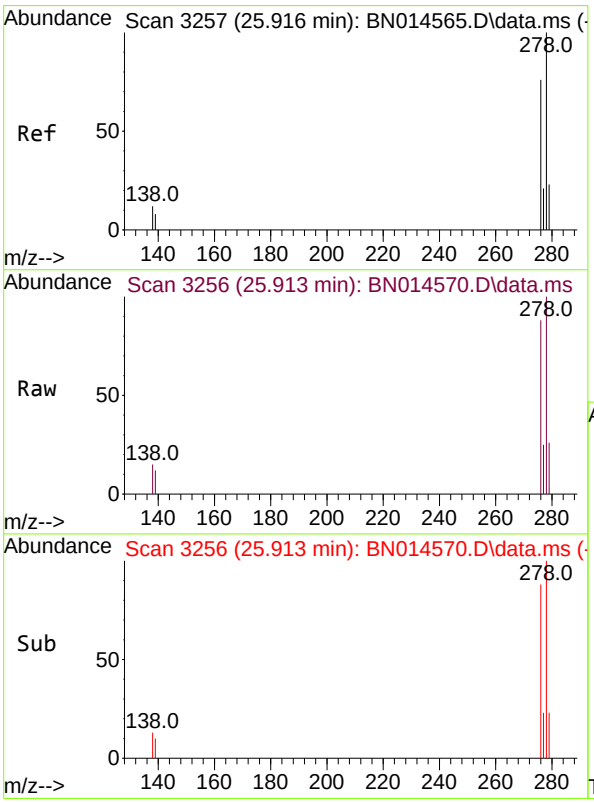


#39
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.503 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:252 Resp: 6763

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.6
125	12.3	14.9	22.3#

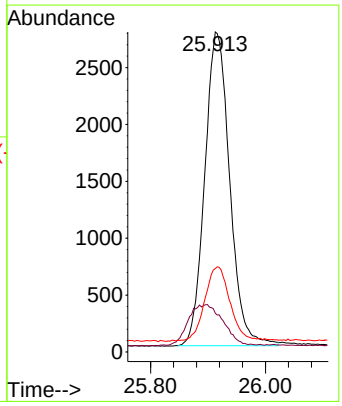


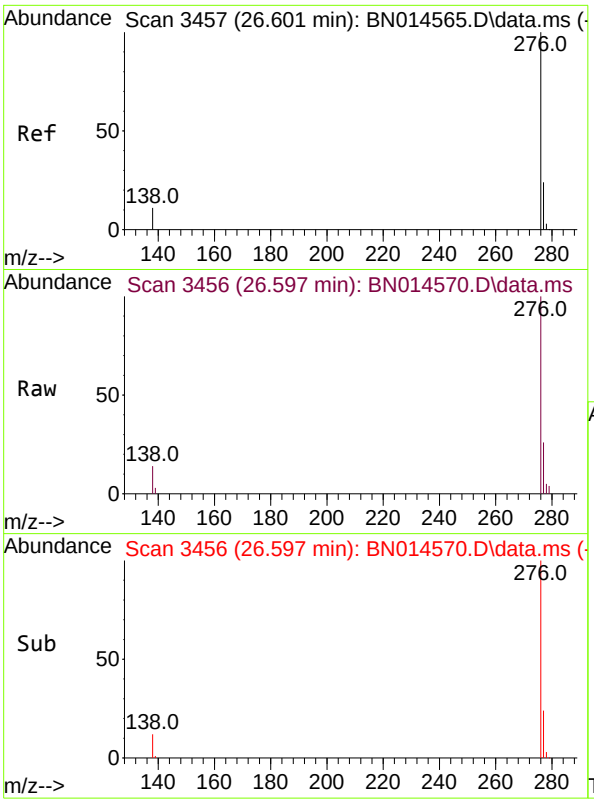


#40
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 25.913 min Scan# 3256
Delta R.T. -0.004 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:278 Resp: 8327

Ion	Ratio	Lower	Upper
278	100		
139	12.1	13.9	20.9#
279	26.1	20.7	31.1

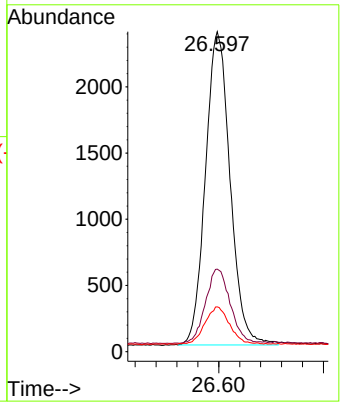




#41
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 26.597 min Scan# 3456
Delta R.T. -0.003 min
Lab File: BN014570.D
Acq: 11 May 2021 19:55

Tgt Ion:276 Resp: 7752

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.6	29.4
138	14.0	17.5	26.3#



Instrument :
BNA_N
ClientSampleId :
ICVBN051121